

## RF Exposure report



The following samples were submitted and identified on behalf of the client as:

**Product Name** Notebook Computer  
**Brand Name** HP  
**Model No.** HSN-I62C  
**Applicant** HP Inc.  
1501 Page Mill Road, Palo Alto CA 94304 USA  
**Standards** IEEE/ANSI C95.1-1992, IEEE 1528-2013  
**FCC ID** B94HNI62KLR  
**Date of EUT Receipt** Dec. 02, 2024  
**Date of Test(s)** Dec. 19, 2024 ~ Jan. 07, 2025  
**Date of Issue** Jan. 22, 2025

In the configuration tested, the EUT complied with the standards specified above.

**Remarks:**

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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**Signed on behalf of SGS**

| Clerk / Kimmy Chiou | PM / Afu Chen | Approved By / John Yeh |
|---------------------|---------------|------------------------|
|                     |               |                        |

Date: Jan. 22, 2025

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## Revision History

| Report Number    | Revision | Description                  | Issue Date    | Revised By  | Remark |
|------------------|----------|------------------------------|---------------|-------------|--------|
| TESA2412000852EN | 00       | Initial creation of document | Jan. 20, 2025 | Kimmy Chiou |        |
| TESA2412000852EN | 01       | Modify comment               | Jan. 22, 2025 | Kimmy Chiou | *      |
|                  |          |                              |               |             |        |
|                  |          |                              |               |             |        |
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|                  |          |                              |               |             |        |

**Note:**

1. The mark " \* " is the revised version of the report due to comments submitted by the certification.
2. The data for this test report Top Edge leverages the measurements from the original test report 240828-03.TR06.
3. The data for this test report WLAN(2.4G / 5G) leverages the measurements from the original test report 200611-01.TR07 and 240617-05.TR02.
4. The data for this test report WLAN(6E) leverages the measurements from the original test report 240513-03.TR03.

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## Contents

|           |                                                       |            |
|-----------|-------------------------------------------------------|------------|
| <b>1</b>  | <b>GENERAL INFORMATION .....</b>                      | <b>5</b>   |
| 1.1       | Test Methodology .....                                | 5          |
| 1.2       | Description of EUT.....                               | 6          |
| 1.3       | Maximum value .....                                   | 8          |
| 1.4       | Antenna Information.....                              | 9          |
| <b>2</b>  | <b>MEASUREMENT SYSTEM .....</b>                       | <b>11</b>  |
| 2.1       | Test Facility .....                                   | 11         |
| 2.2       | SAR System .....                                      | 12         |
| <b>3</b>  | <b>SAR SYSTEM VERIFICATION.....</b>                   | <b>15</b>  |
| 3.1       | Tissue Simulating Liquid.....                         | 15         |
| 3.2       | Tissue Simulant Liquid measurement .....              | 15         |
| 3.3       | Measurement results of Tissue Simulant Liquid.....    | 15         |
| 3.4       | The composition of the tissue simulating liquid:..... | 21         |
| 3.5       | System check.....                                     | 21         |
| 3.6       | System check results .....                            | 22         |
| <b>4</b>  | <b>TEST CONFIGURATIONS .....</b>                      | <b>23</b>  |
| 4.1       | Test Environment.....                                 | 23         |
| 4.2       | Test Note.....                                        | 23         |
| 4.3       | Test position.....                                    | 28         |
| 4.4       | Power verification of device mode .....               | 29         |
| 4.5       | Test limit .....                                      | 32         |
| <b>5</b>  | <b>MAXIMUM OUTPUT POWER .....</b>                     | <b>35</b>  |
| 5.1       | WCDMA.....                                            | 35         |
| 5.2       | FDD LTE .....                                         | 39         |
| 5.3       | TDD LTE .....                                         | 145        |
| 5.4       | LTE DL CA .....                                       | 225        |
| 5.5       | LTE Intra-Band UL CA.....                             | 233        |
| 5.6       | FDD NR .....                                          | 239        |
| 5.7       | TDD NR .....                                          | 289        |
| <b>6</b>  | <b>SUMMARY OF RESULTS .....</b>                       | <b>365</b> |
| 6.1       | Decision rules .....                                  | 365        |
| 6.2       | Summary of SAR Results.....                           | 365        |
| 6.3       | Reporting statements of conformity .....              | 373        |
| 6.4       | Conclusion .....                                      | 373        |
| <b>7</b>  | <b>SIMULTANEOUS TRANSMISSION ANALYSIS.....</b>        | <b>374</b> |
| 7.1       | Simultaneous Transmission Scenarios: .....            | 374        |
| 7.2       | Estimated SAR calculation .....                       | 375        |
| 7.3       | SPLSR evaluation and analysis.....                    | 375        |
| 7.4       | Conclusion .....                                      | 402        |
| <b>8</b>  | <b>INSTRUMENTS LIST .....</b>                         | <b>403</b> |
| <b>9</b>  | <b>UNCERTAINTY BUDGET .....</b>                       | <b>404</b> |
| <b>10</b> | <b>SAR MEASUREMENT RESULTS .....</b>                  | <b>406</b> |
| <b>11</b> | <b>SAR SYSTEM CHECK RESULTS.....</b>                  | <b>458</b> |
| <b>12</b> | <b>APPENDIXES .....</b>                               | <b>478</b> |

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|      |                                                                    |     |
|------|--------------------------------------------------------------------|-----|
| 12.1 | SAR_Appendix A Photographs .....                                   | 478 |
| 12.2 | SAR_Appendix B DAE & Probe Cal. Certificate .....                  | 478 |
| 12.3 | SAR_Appendix C Phantom Description & Dipole Cal. Certificate ..... | 478 |

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## 1 GENERAL INFORMATION

### 1.1 Test Methodology

The SAR testing method and procedure for this device is in accordance with the following standards:

IEEE/ANSI C95.1-1992

IEEE 1528-2013

KDB447498D01v06

KDB865664D01v01r04

KDB865664D02v01r02

KDB616217D04v01r02

KDB941225D01v03r01

KDB941225D05v02r05

KDB941225D05Av01r02

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## 1.2 Description of EUT

|                                            |                                                       |           |
|--------------------------------------------|-------------------------------------------------------|-----------|
| Product Name                               | Notebook Computer                                     |           |
| Brand Name                                 | HP                                                    |           |
| Model No.                                  | HSN-I62C                                              |           |
| FCC ID                                     | B94HNI62KLR                                           |           |
| Integrated WWAN Module                     | Brand Name: Rolling Wireless<br>Model Name: RW350R-GL |           |
| Integrated WLAN Module                     | Brand Name: Intel<br>Model Name: AX211NGW             |           |
| Duty Cycle                                 | WCDMA                                                 | 1         |
|                                            | LTE FDD                                               | 1         |
|                                            | LTE TDD Power Class 3                                 | 0.633     |
|                                            | LTE TDD Power Class 2                                 | 0.433     |
|                                            | 5G NR Power Class 3                                   | 1         |
|                                            | 5G NR Power Class 2                                   | 0.2       |
| Supported radios (TX Frequency Range, MHz) | WCDMA Band II                                         | 1850-1910 |
|                                            | WCDMA Band IV                                         | 1710-1755 |
|                                            | WCDMA Band V                                          | 824-849   |
|                                            | LTE FDD Band 2                                        | 1850-1910 |
|                                            | LTE FDD Band 4                                        | 1710-1755 |
|                                            | LTE FDD Band 5                                        | 824-849   |
|                                            | LTE FDD Band 7                                        | 2500-2570 |
|                                            | LTE FDD Band 12                                       | 699-716   |
|                                            | LTE FDD Band 13                                       | 777-787   |
|                                            | LTE FDD Band 14                                       | 788-798   |
|                                            | LTE FDD Band 17                                       | 704-716   |
|                                            | LTE FDD Band 25                                       | 1850-1915 |
|                                            | LTE FDD Band 26                                       | 814-849   |

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|                                            |                     |           |
|--------------------------------------------|---------------------|-----------|
| Supported radios (TX Frequency Range, MHz) | LTE FDD Band 30     | 2305-2315 |
|                                            | LTE TDD Band 38     | 2570-2620 |
|                                            | LTE TDD Band 41     | 2496-2690 |
|                                            | LTE TDD Band 42     | 3400-3600 |
|                                            | LTE TDD Band 43     | 3600-3700 |
|                                            | LTE TDD Band 48     | 3550-3700 |
|                                            | LTE FDD Band 66     | 1710-1780 |
|                                            | LTE FDD Band 71     | 663-698   |
|                                            | n2                  | 1850-1910 |
|                                            | n5                  | 824-849   |
|                                            | n7                  | 2500-2570 |
|                                            | n12                 | 699-716   |
|                                            | n14                 | 788-798   |
|                                            | n25                 | 1850-1915 |
|                                            | n26                 | 814-849   |
|                                            | n30                 | 2305-2315 |
|                                            | n38                 | 2570-2620 |
|                                            | n41 Power Class 2/3 | 2496-2690 |
|                                            | n48                 | 3550-3700 |
|                                            | n66                 | 1710-1780 |
|                                            | n71                 | 663-698   |
|                                            | n77 Power Class 2/3 | 3700-3980 |
|                                            | n78 Power Class 2/3 | 3300-3800 |

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### 1.3 Maximum value

| Frequency Band |                    | Summary       | Highest Simultaneous Transmission<br>1g SAR (W/kg) |
|----------------|--------------------|---------------|----------------------------------------------------|
|                |                    | 1g SAR (W/kg) |                                                    |
| WCDMA          | WCDMA II           | 0.37          | 1.59                                               |
|                | WCDMA IV           | 0.57          |                                                    |
|                | WCDMA V            | 0.79          |                                                    |
| LTE            | LTE Band 2         | 0.45          |                                                    |
|                | LTE Band 4         | 0.57          |                                                    |
|                | LTE Band 5         | 0.73          |                                                    |
|                | LTE Band 7         | 0.63          |                                                    |
|                | LTE Band 12        | 0.85          |                                                    |
|                | LTE Band 13        | 0.40          |                                                    |
|                | LTE Band 14        | 0.40          |                                                    |
|                | LTE Band 17        | 0.81          |                                                    |
|                | LTE Band 25        | 0.68          |                                                    |
|                | LTE Band 26        | 0.67          |                                                    |
|                | LTE Band 30        | 1.03          |                                                    |
|                | LTE Band 66        | 0.56          |                                                    |
|                | LTE Band 71        | 0.78          |                                                    |
|                | LTE Band 38        | 0.75          |                                                    |
|                | LTE Band 41        | 0.72          |                                                    |
|                | LTE Band 42        | 1.19          |                                                    |
|                | LTE Band 43        | 1.13          |                                                    |
|                | LTE Band 48        | 1.13          |                                                    |
| FR1            | NR n2              | 0.54          |                                                    |
|                | NR n5              | 0.78          |                                                    |
|                | NR n7              | 0.77          |                                                    |
|                | NR n12             | 0.95          |                                                    |
|                | NR n14             | 0.41          |                                                    |
|                | NR n25             | 0.73          |                                                    |
|                | NR n26             | 0.79          |                                                    |
|                | NR n30             | 1.18          |                                                    |
|                | NR n66             | 0.66          |                                                    |
|                | NR n71             | 0.21          |                                                    |
|                | NR n38             | 0.82          |                                                    |
|                | NR n41             | 0.80          |                                                    |
|                | NR n41(HPUE)       | 0.16          |                                                    |
|                | NR n48             | 1.18          |                                                    |
|                | NR n77 / 78        | 1.14          |                                                    |
|                | NR n77 / 78 (HPUE) | 0.29          |                                                    |
|                | PCE                | 1.18          |                                                    |
|                | CBE                | 1.19          |                                                    |

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## 1.4 Antenna Information

## Notebook mode

|                |                            |           |           |           |         |         |         |           |           |           |
|----------------|----------------------------|-----------|-----------|-----------|---------|---------|---------|-----------|-----------|-----------|
| Vendor         | Vendor2                    |           |           |           |         |         |         |           |           |           |
| Antenna        | Ant5                       |           |           |           |         |         |         |           |           |           |
| Part Number    | 6036B0366201(81ELBF15.G36) |           |           |           |         |         |         |           |           |           |
| Frequency(MHz) | 71                         | 12        | 17        | 13        | 14      | 26      | 5       | 2         | 25        | 41        |
|                | 663~698                    | 699~716   | 704~716   | 777~787   | 788~798 | 814~849 | 824~849 | 1850~1910 | 1850~1915 | 2496~2690 |
| Gain (dBi)     | -2.64                      | -0.18     | -0.18     | -1.38     | -2.70   | -1.93   | -1.93   | -1.40     | -1.40     | -1.62     |
| Frequency(MHz) | 42                         | 48        | 78        | 77        |         |         |         |           |           |           |
|                | 3400~3600                  | 3550~3700 | 3300~3800 | 3300~4200 |         |         |         |           |           |           |
| Gain (dBi)     | 0.85                       | 0.85      | 0.85      | 0.85      |         |         |         |           |           |           |

|                |                            |           |           |           |           |           |           |           |           |           |
|----------------|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Vendor         | Vendor2                    |           |           |           |           |           |           |           |           |           |
| Antenna        | Ant8                       |           |           |           |           |           |           |           |           |           |
| Part Number    | 6036B0366201(81ELBF15.G36) |           |           |           |           |           |           |           |           |           |
| Frequency(MHz) | 4                          | 66        | 2         | 25        | 30        | 41        | 7         | 38        | 42        | 43        |
|                | 1710~1755                  | 1710~1780 | 1850~1910 | 1850~1915 | 2305~2315 | 2496~2690 | 2500~2570 | 2570~2620 | 3400~3600 | 3600~3800 |
| Gain (dBi)     | -0.92                      | -0.92     | -1.88     | -1.88     | -3.25     | -1.88     | -1.88     | -2.60     | 1.58      | 1.39      |
| Frequency(MHz) | 48                         | 78        | 77        |           |           |           |           |           |           |           |
|                | 3550~3700                  | 3300~3800 | 3300~4200 |           |           |           |           |           |           |           |
| Gain (dBi)     | 0.93                       | 1.58      | 1.58      |           |           |           |           |           |           |           |

|                |                             |           |           |           |         |         |         |           |           |           |
|----------------|-----------------------------|-----------|-----------|-----------|---------|---------|---------|-----------|-----------|-----------|
| Vendor         | Vendor1                     |           |           |           |         |         |         |           |           |           |
| Antenna        | Ant5                        |           |           |           |         |         |         |           |           |           |
| Part Number    | 6036B0370401(00-330270505L) |           |           |           |         |         |         |           |           |           |
| Frequency(MHz) | 71                          | 12        | 17        | 13        | 14      | 26      | 5       | 2         | 25        | 41        |
|                | 663~698                     | 699~716   | 704~716   | 777~787   | 788~798 | 814~849 | 824~849 | 1850~1910 | 1850~1915 | 2496~2690 |
| Gain (dBi)     | -0.62                       | 0.58      | 0.58      | 0.91      | 0.54    | 0.74    | 0.74    | -0.61     | -0.61     | 1.03      |
| Frequency(MHz) | 42                          | 48        | 78        | 77        |         |         |         |           |           |           |
|                | 3400~3600                   | 3550~3700 | 3300~3800 | 3300~4200 |         |         |         |           |           |           |
| Gain (dBi)     | -1.19                       | -1.19     | -0.48     | -0.4      |         |         |         |           |           |           |

|                |                             |           |           |           |           |           |           |           |           |           |
|----------------|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Vendor         | Vendor1                     |           |           |           |           |           |           |           |           |           |
| Antenna        | Ant8                        |           |           |           |           |           |           |           |           |           |
| Part Number    | 6036B0370401(00-330270505L) |           |           |           |           |           |           |           |           |           |
| Frequency(MHz) | 4                           | 66        | 2         | 25        | 30        | 41        | 7         | 38        | 42        | 43        |
|                | 1710~1755                   | 1710~1780 | 1850~1910 | 1850~1915 | 2305~2315 | 2496~2690 | 2500~2570 | 2570~2620 | 3400~3600 | 3600~3800 |
| Gain (dBi)     | 2.28                        | 2.28      | 2.00      | 2.00      | 1.18      | 1.52      | 1.17      | 1.26      | 0.76      | 1.85      |
| Frequency(MHz) | 48                          | 78        | 77        |           |           |           |           |           |           |           |
|                | 3550~3700                   | 3300~3800 | 3300~4200 |           |           |           |           |           |           |           |
| Gain (dBi)     | 0.76                        | 1.85      | 1.85      |           |           |           |           |           |           |           |

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## Tablet mode

|                |                            |           |           |           |         |         |         |           |           |           |
|----------------|----------------------------|-----------|-----------|-----------|---------|---------|---------|-----------|-----------|-----------|
| Vendor         | Vendor2                    |           |           |           |         |         |         |           |           |           |
| Antenna        | Ant5                       |           |           |           |         |         |         |           |           |           |
| Part Number    | 6036B0366201(81ELBF15.G36) |           |           |           |         |         |         |           |           |           |
| Frequency(MHz) | 71                         | 12        | 17        | 13        | 14      | 26      | 5       | 2         | 25        | 41        |
|                | 663~698                    | 699~716   | 704~716   | 777~787   | 788~798 | 814~849 | 824~849 | 1850~1910 | 1850~1915 | 2496~2690 |
| Gain (dBi)     | -3.54                      | -3.80     | -3.80     | -6.49     | -8.01   | -5.75   | -5.75   | -4.44     | -4.44     | 1.34      |
| Frequency(MHz) | 42                         | 48        | 78        | 77        |         |         |         |           |           |           |
|                | 3400~3600                  | 3550~3700 | 3300~3800 | 3300~4200 |         |         |         |           |           |           |
| Gain (dBi)     | -1.13                      | -1.83     | -0.41     | -0.41     |         |         |         |           |           |           |

|                |                            |           |           |           |           |           |           |           |           |           |
|----------------|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Vendor         | Vendor2                    |           |           |           |           |           |           |           |           |           |
| Antenna        | Ant8                       |           |           |           |           |           |           |           |           |           |
| Part Number    | 6036B0366201(81ELBF15.G36) |           |           |           |           |           |           |           |           |           |
| Frequency(MHz) | 4                          | 66        | 2         | 25        | 30        | 41        | 7         | 38        | 42        | 43        |
|                | 1710~1755                  | 1710~1780 | 1850~1910 | 1850~1915 | 2305~2315 | 2496~2690 | 2500~2570 | 2570~2620 | 3400~3600 | 3600~3800 |
| Gain (dBi)     | -5.19                      | -3.39     | -4.50     | -4.50     | -6.04     | -0.93     | -0.93     | -1.43     | -0.52     | -0.52     |
| Frequency(MHz) | 48                         | 78        | 77        |           |           |           |           |           |           |           |
|                | 3550~3700                  | 3300~3800 | 3300~4200 |           |           |           |           |           |           |           |
| Gain (dBi)     | -0.52                      | -0.52     | 0.38      |           |           |           |           |           |           |           |

|                |                             |           |           |           |         |         |         |           |           |           |
|----------------|-----------------------------|-----------|-----------|-----------|---------|---------|---------|-----------|-----------|-----------|
| Vendor         | Vendor1                     |           |           |           |         |         |         |           |           |           |
| Antenna        | Ant5                        |           |           |           |         |         |         |           |           |           |
| Part Number    | 6036B0370401(00-330270505L) |           |           |           |         |         |         |           |           |           |
| Frequency(MHz) | 71                          | 12        | 17        | 13        | 14      | 26      | 5       | 2         | 25        | 41        |
|                | 663~698                     | 699~716   | 704~716   | 777~787   | 788~798 | 814~849 | 824~849 | 1850~1910 | 1850~1915 | 2496~2690 |
| Gain (dBi)     | -7.62                       | -7.17     | -7.17     | -4.48     | -4.82   | -3.96   | -3.96   | -2.73     | -2.73     | 0.01      |
| Frequency(MHz) | 42                          | 48        | 78        | 77        |         |         |         |           |           |           |
|                | 3400~3600                   | 3550~3700 | 3300~3800 | 3300~4200 |         |         |         |           |           |           |
| Gain (dBi)     | -1.58                       | -1.58     | -1.20     | 0.08      |         |         |         |           |           |           |

|                |                             |           |           |           |           |           |           |           |           |           |
|----------------|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Vendor         | Vendor1                     |           |           |           |           |           |           |           |           |           |
| Antenna        | Ant8                        |           |           |           |           |           |           |           |           |           |
| Part Number    | 6036B0370401(00-330270505L) |           |           |           |           |           |           |           |           |           |
| Frequency(MHz) | 4                           | 66        | 2         | 25        | 30        | 41        | 7         | 38        | 42        | 43        |
|                | 1710~1755                   | 1710~1780 | 1850~1910 | 1850~1915 | 2305~2315 | 2496~2690 | 2500~2570 | 2570~2620 | 3400~3600 | 3600~3800 |
| Gain (dBi)     | -2.05                       | -2.05     | -0.12     | -0.12     | -2.29     | -0.83     | -0.83     | -1.97     | -0.77     | -0.49     |
| Frequency(MHz) | 48                          | 78        | 77        |           |           |           |           |           |           |           |
|                | 3550~3700                   | 3300~3800 | 3300~4200 |           |           |           |           |           |           |           |
| Gain (dBi)     | -0.49                       | -0.49     | -0.49     |           |           |           |           |           |           |           |

Note: Antenna information is provided by the applicant.

Note: Antenna information is provided by the applicant.

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## 2 MEASUREMENT SYSTEM

### 2.1 Test Facility

| Laboratory                                            | Test Site Address                                                                              | Test Site Name | FCC Designation number | IC CAB identifier |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------|------------------------|-------------------|
| SGS Taiwan Ltd.<br>Central RF Lab.<br>(TAF code 3702) | 1F, No. 8, Alley 15, Lane 120, Sec. 1, NeiHu Road, Neihu District, Taipei City, 11493, Taiwan. | SAR 2          | TW0029                 | TW3702            |
|                                                       |                                                                                                | SAR 6          |                        |                   |
|                                                       |                                                                                                | SAR 8          |                        |                   |
|                                                       | No. 2, Keji 1st Rd., Guishan Township, Taoyuan County, 33383, Taiwan                           | SAR 1          | TW0028                 |                   |
|                                                       |                                                                                                | SAR 4          |                        |                   |
|                                                       | No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan       | SAR 3          | TW0027                 |                   |
|                                                       |                                                                                                | SAR 7          |                        |                   |

**Note:** Test site name is remarked on a bolded mark as an indication where measurements occurred in specific test site and address.

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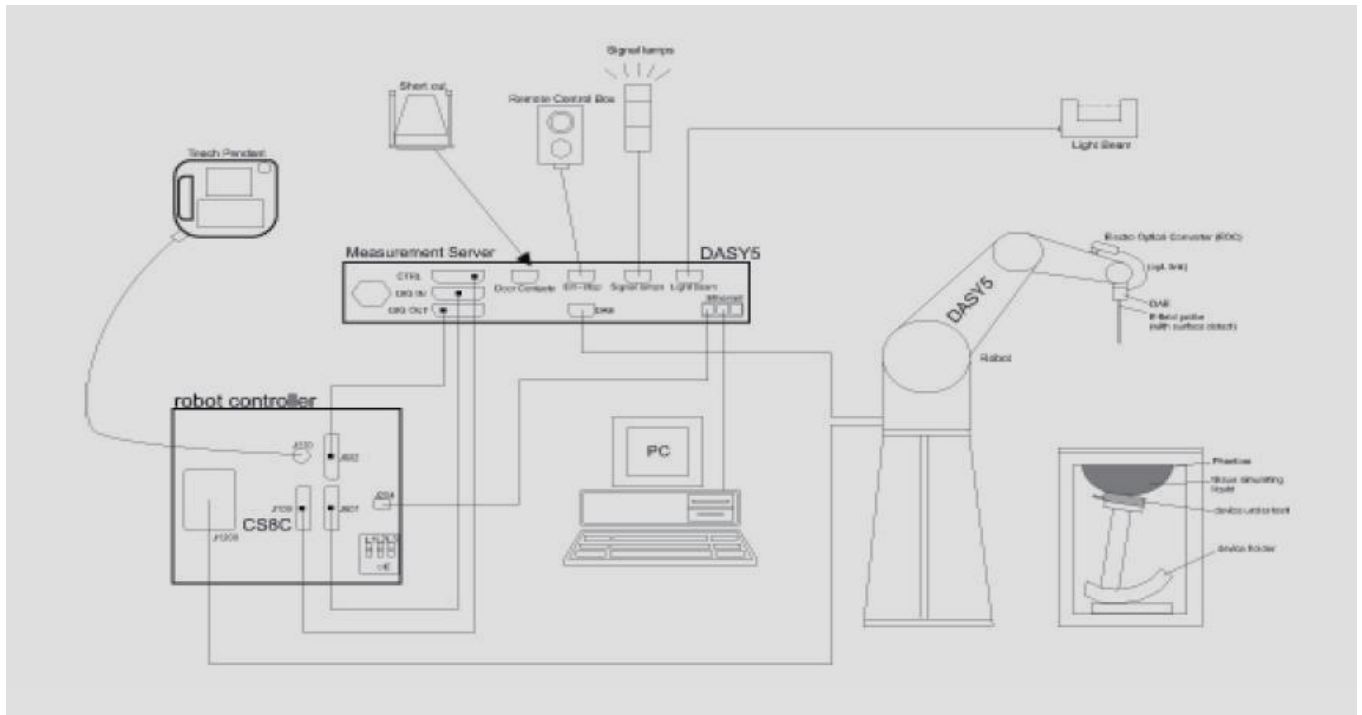
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## 2.2 SAR System

### Block Diagram (DASY5)

A block diagram of the SAR measurement System is given in below. This SAR measurement system uses a computer-controlled 3-D stepper motor system (SPEAG DASY 5 professional system). The model EX3DV4 field probe is used to determine the internal electric fields. The SAR can be obtained from the equation  $SAR = \sigma (|E|)^2 / \rho$  where  $\sigma$  and  $\rho$  are the conductivity and mass density of the tissue-simulant.



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## EX3DV4 E-Field Probe

|               |                                                                                                                                                                                                            |                                                                                     |  |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
| Construction  | Symmetrical design with triangular core<br>Built-in shielding against static charges<br>PEEK enclosure material (resistant to organic solvents, e.g., DGBE)                                                |  |  |
| Calibration   | Basic Broad Band Calibration in air Conversion Factors (CF) for HSL<br>750/835/1750/1900/2300/2600/3500/3700/3900 MHz Additional CF for other liquids and frequencies upon request                         |                                                                                     |  |
| Frequency     | 10 MHz to > 6 GHz                                                                                                                                                                                          |                                                                                     |  |
| Directivity   | ± 0.3 dB in HSL (rotation around probe axis)<br>± 0.5 dB in tissue material (rotation normal to probe axis)                                                                                                |                                                                                     |  |
| Dynamic Range | 10 µW/g to > 100 mW/g<br>Linearity: ± 0.2 dB (noise: typically < 1 µW/g)                                                                                                                                   |                                                                                     |  |
| Dimensions    | Tip diameter: 2.5 mm                                                                                                                                                                                       |                                                                                     |  |
| Application   | High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%. |                                                                                     |  |

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## PHANTOM (ELI)

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model           | ELI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                     |
| Construction    | The ELI phantom is used for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible with the IEC 62209-2 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles. |                                                                                     |
| Shell Thickness | 2 ± 0.2 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Filling Volume  | Approx. 30 liters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                     |
| Dimensions      | Major axis: 600 mm<br>Minor axis: 400 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                     |

## DEVICE HOLDER

|              |                                                                                                                                                                                         |                                                                                      |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Construction | The device holder (Supporter) for Notebook is made by POM (polyoxymethylene resin) , which is non-metal and non-conductive. The height can be adjusted to fit varies kind of notebooks. |  |
|              |                                                                                                                                                                                         | Device Holder                                                                        |

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### 3 SAR SYSTEM VERIFICATION

#### 3.1 Tissue Simulating Liquid

For the measurement of the field distribution inside the SAM phantom with DASY, the phantom must be filled with homogeneous tissue simulating liquid. For head SAR testing, the liquid height from the ear rint (ERP) of the phantom to the liquid top surface is larger than 15cm. For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15cm.

#### 3.2 Tissue Simulant Liquid measurement

The dielectric properties for this Head-simulant fluid were measured by using the SPEAG Dielectric Assessment Kit (DAKS-3.5)

All dielectric parameters of tissue simulates were measured within 24 hours of SAR measurements. The measured conductivity and permittivity are all within  $\pm 5\%$  of the target values.

#### 3.3 Measurement results of Tissue Simulant Liquid

| Measured Frequency (MHz) | Target Dielectric Constant, $\epsilon_r$ | Target Conductivity, $\sigma$ (S/m) | Measured Dielectric Constant, $\epsilon_r$ | Measured Conductivity, $\sigma$ (S/m) | % dev $\epsilon_r$ | % dev $\sigma$ | Limit     | Measurement Date | Liquid Temp. (°C) | Ambient Temp (°C) |
|--------------------------|------------------------------------------|-------------------------------------|--------------------------------------------|---------------------------------------|--------------------|----------------|-----------|------------------|-------------------|-------------------|
| 673                      | 42.311                                   | 0.885                               | 41.679                                     | 0.853                                 | -1.49%             | -3.60%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 680.5                    | 42.271                                   | 0.885                               | 41.665                                     | 0.854                                 | -1.43%             | -3.54%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 688                      | 42.231                                   | 0.886                               | 41.656                                     | 0.856                                 | -1.36%             | -3.37%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 704                      | 42.145                                   | 0.887                               | 41.650                                     | 0.857                                 | -1.18%             | -3.37%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 706.5                    | 42.132                                   | 0.887                               | 41.648                                     | 0.858                                 | -1.15%             | -3.28%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 707.5                    | 42.127                                   | 0.887                               | 41.647                                     | 0.859                                 | -1.14%             | -3.17%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 708.5                    | 42.121                                   | 0.887                               | 41.646                                     | 0.860                                 | -1.13%             | -3.07%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 709                      | 42.119                                   | 0.887                               | 41.645                                     | 0.861                                 | -1.12%             | -2.96%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 710                      | 42.113                                   | 0.887                               | 41.644                                     | 0.862                                 | -1.11%             | -2.85%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 711                      | 42.108                                   | 0.887                               | 41.643                                     | 0.863                                 | -1.10%             | -2.75%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 750                      | 41.900                                   | 0.890                               | 41.600                                     | 0.866                                 | -0.72%             | -2.70%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 782                      | 41.749                                   | 0.894                               | 41.565                                     | 0.870                                 | -0.44%             | -2.66%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 793                      | 41.698                                   | 0.895                               | 41.554                                     | 0.871                                 | -0.34%             | -2.69%         | $\pm 5\%$ | Dec. 19, 2024    | 22.3              | 22.5              |
| 821.5                    | 41.564                                   | 0.898                               | 41.264                                     | 0.875                                 | -0.72%             | -2.61%         | $\pm 5\%$ | Dec. 20, 2024    | 21.8              | 22.2              |
| 824                      | 41.552                                   | 0.899                               | 41.261                                     | 0.876                                 | -0.70%             | -2.53%         | $\pm 5\%$ | Dec. 20, 2024    | 21.8              | 22.2              |
| 826.4                    | 41.540                                   | 0.899                               | 41.259                                     | 0.877                                 | -0.68%             | -2.45%         | $\pm 5\%$ | Dec. 20, 2024    | 21.8              | 22.2              |
| 829                      | 41.528                                   | 0.899                               | 41.256                                     | 0.878                                 | -0.66%             | -2.37%         | $\pm 5\%$ | Dec. 20, 2024    | 21.8              | 22.2              |
| 831.5                    | 41.516                                   | 0.900                               | 41.254                                     | 0.879                                 | -0.63%             | -2.29%         | $\pm 5\%$ | Dec. 20, 2024    | 21.8              | 22.2              |
| 835                      | 41.500                                   | 0.900                               | 41.250                                     | 0.880                                 | -0.60%             | -2.22%         | $\pm 5\%$ | Dec. 20, 2024    | 21.8              | 22.2              |
| 836.5                    | 41.500                                   | 0.902                               | 41.249                                     | 0.882                                 | -0.60%             | -2.18%         | $\pm 5\%$ | Dec. 20, 2024    | 21.8              | 22.2              |
| 836.6                    | 41.500                                   | 0.902                               | 41.248                                     | 0.883                                 | -0.61%             | -2.08%         | $\pm 5\%$ | Dec. 20, 2024    | 21.8              | 22.2              |
| 839                      | 41.500                                   | 0.904                               | 41.245                                     | 0.884                                 | -0.61%             | -2.25%         | $\pm 5\%$ | Dec. 20, 2024    | 21.8              | 22.2              |
| 841.5                    | 41.500                                   | 0.907                               | 41.243                                     | 0.886                                 | -0.62%             | -2.32%         | $\pm 5\%$ | Dec. 20, 2024    | 21.8              | 22.2              |
| 844                      | 41.500                                   | 0.910                               | 41.240                                     | 0.889                                 | -0.63%             | -2.27%         | $\pm 5\%$ | Dec. 20, 2024    | 21.8              | 22.2              |
| 846.6                    | 41.500                                   | 0.912                               | 41.238                                     | 0.892                                 | -0.63%             | -2.25%         | $\pm 5\%$ | Dec. 20, 2024    | 21.8              | 22.2              |
| 1712.4                   | 40.125                                   | 1.350                               | 39.579                                     | 1.334                                 | -1.36%             | -1.18%         | $\pm 5\%$ | Dec. 21, 2024    | 22.0              | 22.3              |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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| Measured Frequency (MHz) | Target Dielectric Constant, $\epsilon_r$ | Target Conductivity, $\sigma$ (S/m) | Measured Dielectric Constant, $\epsilon_r$ | Measured Conductivity, $\sigma$ (S/m) | % dev $\epsilon_r$ | % dev $\sigma$ | Limit | Measurement Date | Liquid Temp. (°C) | Ambient Temp (°C) |
|--------------------------|------------------------------------------|-------------------------------------|--------------------------------------------|---------------------------------------|--------------------|----------------|-------|------------------|-------------------|-------------------|
| 1720                     | 40.114                                   | 1.354                               | 39.570                                     | 1.338                                 | -1.36%             | -1.20%         | ± 5%  | Dec. 21, 2024    | 22.0              | 22.3              |
| 1732.4                   | 40.097                                   | 1.361                               | 39.557                                     | 1.343                                 | -1.35%             | -1.35%         | ± 5%  | Dec. 21, 2024    | 22.0              | 22.3              |
| 1732.5                   | 40.096                                   | 1.361                               | 39.556                                     | 1.344                                 | -1.35%             | -1.28%         | ± 5%  | Dec. 21, 2024    | 22.0              | 22.3              |
| 1745                     | 40.079                                   | 1.369                               | 39.543                                     | 1.352                                 | -1.34%             | -1.21%         | ± 5%  | Dec. 21, 2024    | 22.0              | 22.3              |
| 1750                     | 40.071                                   | 1.371                               | 39.537                                     | 1.355                                 | -1.33%             | -1.20%         | ± 5%  | Dec. 21, 2024    | 22.0              | 22.3              |
| 1752.6                   | 40.068                                   | 1.373                               | 39.534                                     | 1.357                                 | -1.33%             | -1.16%         | ± 5%  | Dec. 21, 2024    | 22.0              | 22.3              |
| 1757.5                   | 40.061                                   | 1.376                               | 39.528                                     | 1.360                                 | -1.33%             | -1.14%         | ± 5%  | Dec. 21, 2024    | 22.0              | 22.3              |
| 1770                     | 40.043                                   | 1.383                               | 39.514                                     | 1.366                                 | -1.32%             | -1.22%         | ± 5%  | Dec. 21, 2024    | 22.0              | 22.3              |
| 1852.4                   | 40.000                                   | 1.400                               | 39.318                                     | 1.370                                 | -1.71%             | -2.14%         | ± 5%  | Dec. 22, 2024    | 21.8              | 22.2              |
| 1860                     | 40.000                                   | 1.400                               | 39.309                                     | 1.374                                 | -1.73%             | -1.86%         | ± 5%  | Dec. 22, 2024    | 21.8              | 22.2              |
| 1865                     | 40.000                                   | 1.400                               | 39.304                                     | 1.377                                 | -1.74%             | -1.64%         | ± 5%  | Dec. 22, 2024    | 21.8              | 22.2              |
| 1872.5                   | 40.000                                   | 1.400                               | 39.297                                     | 1.382                                 | -1.76%             | -1.29%         | ± 5%  | Dec. 22, 2024    | 21.8              | 22.2              |
| 1880                     | 40.000                                   | 1.400                               | 39.286                                     | 1.386                                 | -1.79%             | -1.00%         | ± 5%  | Dec. 22, 2024    | 21.8              | 22.2              |
| 1882.5                   | 40.000                                   | 1.400                               | 39.283                                     | 1.387                                 | -1.79%             | -0.93%         | ± 5%  | Dec. 22, 2024    | 21.8              | 22.2              |
| 1892.5                   | 40.000                                   | 1.400                               | 39.272                                     | 1.388                                 | -1.82%             | -0.86%         | ± 5%  | Dec. 22, 2024    | 21.8              | 22.2              |
| 1895                     | 40.000                                   | 1.400                               | 39.269                                     | 1.390                                 | -1.83%             | -0.71%         | ± 5%  | Dec. 22, 2024    | 21.8              | 22.2              |
| 1900                     | 40.000                                   | 1.400                               | 39.264                                     | 1.393                                 | -1.84%             | -0.50%         | ± 5%  | Dec. 22, 2024    | 21.8              | 22.2              |
| 1905                     | 40.000                                   | 1.400                               | 39.258                                     | 1.395                                 | -1.85%             | -0.36%         | ± 5%  | Dec. 22, 2024    | 21.8              | 22.2              |
| 1907.6                   | 40.000                                   | 1.400                               | 39.255                                     | 1.397                                 | -1.86%             | -0.21%         | ± 5%  | Dec. 22, 2024    | 21.8              | 22.2              |
| 2300                     | 39.500                                   | 1.670                               | 39.071                                     | 1.630                                 | -1.09%             | -2.40%         | ± 5%  | Dec. 23, 2024    | 22.3              | 22.5              |
| 2310                     | 39.480                                   | 1.679                               | 39.060                                     | 1.637                                 | -1.06%             | -2.48%         | ± 5%  | Dec. 23, 2024    | 22.3              | 22.5              |
| 2506                     | 39.125                                   | 1.860                               | 38.554                                     | 1.820                                 | -1.46%             | -2.14%         | ± 5%  | Dec. 24, 2024    | 22.1              | 22.4              |
| 2510                     | 39.120                                   | 1.864                               | 38.550                                     | 1.824                                 | -1.46%             | -2.15%         | ± 5%  | Dec. 24, 2024    | 22.1              | 22.4              |
| 2546.01                  | 39.072                                   | 1.902                               | 38.510                                     | 1.862                                 | -1.44%             | -2.12%         | ± 5%  | Dec. 24, 2024    | 22.1              | 22.4              |
| 2549.5                   | 39.067                                   | 1.906                               | 38.507                                     | 1.866                                 | -1.43%             | -2.11%         | ± 5%  | Dec. 24, 2024    | 22.1              | 22.4              |
| 2592.99                  | 39.009                                   | 1.953                               | 38.461                                     | 1.911                                 | -1.41%             | -2.13%         | ± 5%  | Dec. 24, 2024    | 22.1              | 22.4              |
| 2593                     | 39.009                                   | 1.953                               | 38.460                                     | 1.912                                 | -1.41%             | -2.08%         | ± 5%  | Dec. 24, 2024    | 22.1              | 22.4              |
| 2600                     | 39.000                                   | 1.960                               | 38.452                                     | 1.919                                 | -1.41%             | -2.09%         | ± 5%  | Dec. 24, 2024    | 22.1              | 22.4              |
| 2636.5                   | 38.954                                   | 2.000                               | 38.412                                     | 1.959                                 | -1.39%             | -2.06%         | ± 5%  | Dec. 24, 2024    | 22.1              | 22.4              |
| 2640                     | 38.950                                   | 2.004                               | 38.408                                     | 1.963                                 | -1.39%             | -2.05%         | ± 5%  | Dec. 24, 2024    | 22.1              | 22.4              |
| 2680                     | 38.900                                   | 2.048                               | 38.364                                     | 2.005                                 | -1.38%             | -2.10%         | ± 5%  | Dec. 24, 2024    | 22.1              | 22.4              |
| 2506                     | 39.125                                   | 1.860                               | 38.326                                     | 1.823                                 | -2.04%             | -1.98%         | ± 5%  | Dec. 25, 2024    | 22.2              | 22.4              |
| 2510                     | 39.120                                   | 1.864                               | 38.322                                     | 1.827                                 | -2.04%             | -1.98%         | ± 5%  | Dec. 25, 2024    | 22.2              | 22.4              |
| 2535                     | 39.087                                   | 1.891                               | 38.295                                     | 1.853                                 | -2.03%             | -1.99%         | ± 5%  | Dec. 25, 2024    | 22.2              | 22.4              |
| 2549.5                   | 39.067                                   | 1.906                               | 38.270                                     | 1.869                                 | -2.04%             | -1.95%         | ± 5%  | Dec. 25, 2024    | 22.2              | 22.4              |
| 2560                     | 39.053                                   | 1.917                               | 38.258                                     | 1.879                                 | -2.04%             | -2.00%         | ± 5%  | Dec. 25, 2024    | 22.2              | 22.4              |
| 2580                     | 39.027                                   | 1.939                               | 38.236                                     | 1.901                                 | -2.03%             | -1.94%         | ± 5%  | Dec. 25, 2024    | 22.2              | 22.4              |
| 2593                     | 39.009                                   | 1.953                               | 38.222                                     | 1.915                                 | -2.02%             | -1.92%         | ± 5%  | Dec. 25, 2024    | 22.2              | 22.4              |
| 2595                     | 39.007                                   | 1.955                               | 38.220                                     | 1.917                                 | -2.02%             | -1.93%         | ± 5%  | Dec. 25, 2024    | 22.2              | 22.4              |
| 2600                     | 39.000                                   | 1.960                               | 38.215                                     | 1.922                                 | -2.01%             | -1.94%         | ± 5%  | Dec. 25, 2024    | 22.2              | 22.4              |
| 2610                     | 38.988                                   | 1.971                               | 38.204                                     | 1.933                                 | -2.01%             | -1.93%         | ± 5%  | Dec. 25, 2024    | 22.2              | 22.4              |
| 2636.5                   | 38.954                                   | 2.000                               | 38.175                                     | 1.963                                 | -2.00%             | -1.86%         | ± 5%  | Dec. 25, 2024    | 22.2              | 22.4              |
| 2680                     | 38.900                                   | 2.048                               | 38.127                                     | 2.008                                 | -1.99%             | -1.95%         | ± 5%  | Dec. 25, 2024    | 22.2              | 22.4              |
| 2525                     | 39.100                                   | 1.880                               | 38.312                                     | 1.846                                 | -2.02%             | -1.81%         | ± 5%  | Dec. 26, 2024    | 21.9              | 22.2              |

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| Measured Frequency (MHz) | Target Dielectric Constant, $\epsilon_r$ | Target Conductivity, $\sigma$ (S/m) | Measured Dielectric Constant, $\epsilon_r$ | Measured Conductivity, $\sigma$ (S/m) | % dev $\epsilon_r$ | % dev $\sigma$ | Limit | Measurement Date | Liquid Temp. (°C) | Ambient Temp (°C) |
|--------------------------|------------------------------------------|-------------------------------------|--------------------------------------------|---------------------------------------|--------------------|----------------|-------|------------------|-------------------|-------------------|
| 2535                     | 39.087                                   | 1.891                               | 38.301                                     | 1.857                                 | -2.01%             | -1.78%         | ± 5%  | Dec. 26, 2024    | 21.9              | 22.2              |
| 2545                     | 39.073                                   | 1.901                               | 38.290                                     | 1.867                                 | -2.00%             | -1.81%         | ± 5%  | Dec. 26, 2024    | 21.9              | 22.2              |
| 2546.01                  | 39.072                                   | 1.902                               | 38.289                                     | 1.868                                 | -2.00%             | -1.81%         | ± 5%  | Dec. 26, 2024    | 21.9              | 22.2              |
| 2590.02                  | 39.013                                   | 1.949                               | 38.241                                     | 1.915                                 | -1.98%             | -1.76%         | ± 5%  | Dec. 26, 2024    | 21.9              | 22.2              |
| 2592.99                  | 39.009                                   | 1.953                               | 38.238                                     | 1.919                                 | -1.98%             | -1.72%         | ± 5%  | Dec. 26, 2024    | 21.9              | 22.2              |
| 2595                     | 39.007                                   | 1.955                               | 38.235                                     | 1.921                                 | -1.98%             | -1.72%         | ± 5%  | Dec. 26, 2024    | 21.9              | 22.2              |
| 2599.98                  | 39.000                                   | 1.960                               | 38.231                                     | 1.926                                 | -1.97%             | -1.73%         | ± 5%  | Dec. 26, 2024    | 21.9              | 22.2              |
| 2600                     | 39.000                                   | 1.960                               | 38.230                                     | 1.927                                 | -1.97%             | -1.68%         | ± 5%  | Dec. 26, 2024    | 21.9              | 22.2              |
| 2640                     | 38.950                                   | 2.004                               | 38.186                                     | 1.971                                 | -1.96%             | -1.65%         | ± 5%  | Dec. 26, 2024    | 21.9              | 22.2              |
| 2506                     | 39.125                                   | 1.860                               | 38.303                                     | 1.828                                 | -2.10%             | -1.71%         | ± 5%  | Dec. 27, 2024    | 21.7              | 22.1              |
| 2510                     | 39.120                                   | 1.864                               | 38.298                                     | 1.832                                 | -2.10%             | -1.72%         | ± 5%  | Dec. 27, 2024    | 21.7              | 22.1              |
| 2546.01                  | 39.072                                   | 1.902                               | 38.257                                     | 1.870                                 | -2.09%             | -1.70%         | ± 5%  | Dec. 27, 2024    | 21.7              | 22.1              |
| 2549.5                   | 39.067                                   | 1.906                               | 38.254                                     | 1.873                                 | -2.08%             | -1.74%         | ± 5%  | Dec. 27, 2024    | 21.7              | 22.1              |
| 2592.99                  | 39.009                                   | 1.953                               | 38.207                                     | 1.920                                 | -2.06%             | -1.67%         | ± 5%  | Dec. 27, 2024    | 21.7              | 22.1              |
| 2593                     | 39.009                                   | 1.953                               | 38.206                                     | 1.921                                 | -2.06%             | -1.61%         | ± 5%  | Dec. 27, 2024    | 21.7              | 22.1              |
| 2600                     | 39.000                                   | 1.960                               | 38.198                                     | 1.929                                 | -2.06%             | -1.58%         | ± 5%  | Dec. 27, 2024    | 21.7              | 22.1              |
| 2636.5                   | 38.954                                   | 2.000                               | 38.158                                     | 1.968                                 | -2.04%             | -1.61%         | ± 5%  | Dec. 27, 2024    | 21.7              | 22.1              |
| 2640                     | 38.950                                   | 2.004                               | 38.154                                     | 1.973                                 | -2.04%             | -1.55%         | ± 5%  | Dec. 27, 2024    | 21.7              | 22.1              |
| 2680                     | 38.900                                   | 2.048                               | 38.110                                     | 2.017                                 | -2.03%             | -1.51%         | ± 5%  | Dec. 27, 2024    | 21.7              | 22.1              |
| 2506                     | 39.125                                   | 1.860                               | 38.264                                     | 1.829                                 | -2.20%             | -1.65%         | ± 5%  | Dec. 28, 2024    | 21.9              | 22.3              |
| 2510                     | 39.120                                   | 1.864                               | 38.260                                     | 1.833                                 | -2.20%             | -1.66%         | ± 5%  | Dec. 28, 2024    | 21.9              | 22.3              |
| 2535                     | 39.087                                   | 1.891                               | 38.233                                     | 1.860                                 | -2.18%             | -1.62%         | ± 5%  | Dec. 28, 2024    | 21.9              | 22.3              |
| 2549.5                   | 39.067                                   | 1.906                               | 38.218                                     | 1.874                                 | -2.17%             | -1.69%         | ± 5%  | Dec. 28, 2024    | 21.9              | 22.3              |
| 2560                     | 39.053                                   | 1.917                               | 38.206                                     | 1.884                                 | -2.17%             | -1.74%         | ± 5%  | Dec. 28, 2024    | 21.9              | 22.3              |
| 2580                     | 39.027                                   | 1.939                               | 38.184                                     | 1.906                                 | -2.16%             | -1.69%         | ± 5%  | Dec. 28, 2024    | 21.9              | 22.3              |
| 2593                     | 39.009                                   | 1.953                               | 38.170                                     | 1.922                                 | -2.15%             | -1.56%         | ± 5%  | Dec. 28, 2024    | 21.9              | 22.3              |
| 2595                     | 39.007                                   | 1.955                               | 38.168                                     | 1.924                                 | -2.15%             | -1.57%         | ± 5%  | Dec. 28, 2024    | 21.9              | 22.3              |
| 2600                     | 39.000                                   | 1.960                               | 38.163                                     | 1.930                                 | -2.15%             | -1.53%         | ± 5%  | Dec. 28, 2024    | 21.9              | 22.3              |
| 2610                     | 38.988                                   | 1.971                               | 38.152                                     | 1.941                                 | -2.14%             | -1.52%         | ± 5%  | Dec. 28, 2024    | 21.9              | 22.3              |
| 2636.5                   | 38.954                                   | 2.000                               | 38.124                                     | 1.970                                 | -2.13%             | -1.51%         | ± 5%  | Dec. 28, 2024    | 21.9              | 22.3              |
| 2680                     | 38.900                                   | 2.048                               | 38.076                                     | 2.018                                 | -2.12%             | -1.46%         | ± 5%  | Dec. 28, 2024    | 21.9              | 22.3              |
| 2525                     | 39.100                                   | 1.880                               | 38.204                                     | 1.851                                 | -2.29%             | -1.54%         | ± 5%  | Dec. 29, 2024    | 22.0              | 22.3              |
| 2535                     | 39.087                                   | 1.891                               | 38.193                                     | 1.862                                 | -2.29%             | -1.52%         | ± 5%  | Dec. 29, 2024    | 22.0              | 22.3              |
| 2545                     | 39.073                                   | 1.901                               | 38.182                                     | 1.872                                 | -2.28%             | -1.54%         | ± 5%  | Dec. 29, 2024    | 22.0              | 22.3              |
| 2546.01                  | 39.072                                   | 1.902                               | 38.181                                     | 1.873                                 | -2.28%             | -1.55%         | ± 5%  | Dec. 29, 2024    | 22.0              | 22.3              |
| 2590.02                  | 39.013                                   | 1.949                               | 38.133                                     | 1.920                                 | -2.26%             | -1.51%         | ± 5%  | Dec. 29, 2024    | 22.0              | 22.3              |
| 2592.99                  | 39.009                                   | 1.953                               | 38.130                                     | 1.923                                 | -2.25%             | -1.51%         | ± 5%  | Dec. 29, 2024    | 22.0              | 22.3              |
| 2595                     | 39.007                                   | 1.955                               | 38.127                                     | 1.925                                 | -2.26%             | -1.52%         | ± 5%  | Dec. 29, 2024    | 22.0              | 22.3              |
| 2599.98                  | 39.000                                   | 1.960                               | 38.123                                     | 1.930                                 | -2.25%             | -1.53%         | ± 5%  | Dec. 29, 2024    | 22.0              | 22.3              |
| 2600                     | 39.000                                   | 1.960                               | 38.122                                     | 1.931                                 | -2.25%             | -1.48%         | ± 5%  | Dec. 29, 2024    | 22.0              | 22.3              |
| 2640                     | 38.950                                   | 2.004                               | 38.078                                     | 1.975                                 | -2.24%             | -1.45%         | ± 5%  | Dec. 29, 2024    | 22.0              | 22.3              |
| 3460                     | 37.948                                   | 2.869                               | 37.643                                     | 2.877                                 | -0.80%             | 0.27%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |
| 3499.995                 | 37.900                                   | 2.910                               | 37.600                                     | 2.917                                 | -0.79%             | 0.24%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |
| 3500                     | 37.900                                   | 2.910                               | 37.599                                     | 2.918                                 | -0.79%             | 0.27%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |
| 3500.01                  | 37.900                                   | 2.910                               | 37.598                                     | 2.919                                 | -0.80%             | 0.31%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |

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| Measured Frequency (MHz) | Target Dielectric Constant, $\epsilon_r$ | Target Conductivity, $\sigma$ (S/m) | Measured Dielectric Constant, $\epsilon_r$ | Measured Conductivity, $\sigma$ (S/m) | % dev $\epsilon_r$ | % dev $\sigma$ | Limit | Measurement Date | Liquid Temp. (°C) | Ambient Temp (°C) |
|--------------------------|------------------------------------------|-------------------------------------|--------------------------------------------|---------------------------------------|--------------------|----------------|-------|------------------|-------------------|-------------------|
| 3509                     | 37.891                                   | 2.919                               | 37.590                                     | 2.927                                 | -0.79%             | 0.26%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |
| 3537.51                  | 37.862                                   | 2.949                               | 37.583                                     | 2.956                                 | -0.74%             | 0.24%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |
| 3540                     | 37.860                                   | 2.952                               | 37.556                                     | 2.960                                 | -0.80%             | 0.28%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |
| 3541                     | 37.859                                   | 2.953                               | 37.555                                     | 2.961                                 | -0.80%             | 0.28%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |
| 3560                     | 37.840                                   | 2.972                               | 37.534                                     | 2.980                                 | -0.81%             | 0.26%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |
| 3570                     | 37.830                                   | 2.983                               | 37.525                                     | 2.991                                 | -0.81%             | 0.27%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |
| 3575                     | 37.825                                   | 2.988                               | 37.518                                     | 2.996                                 | -0.81%             | 0.27%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |
| 3575.01                  | 37.825                                   | 2.988                               | 37.517                                     | 2.997                                 | -0.81%             | 0.30%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |
| 3590                     | 37.810                                   | 3.004                               | 37.502                                     | 3.012                                 | -0.81%             | 0.28%          | ± 5%  | Dec. 30, 2024    | 21.8              | 22.2              |
| 3460                     | 37.948                                   | 2.869                               | 37.426                                     | 2.881                                 | -1.38%             | 0.41%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3499.995                 | 37.900                                   | 2.910                               | 37.383                                     | 2.921                                 | -1.36%             | 0.38%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3500                     | 37.900                                   | 2.910                               | 37.382                                     | 2.922                                 | -1.37%             | 0.41%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3500.01                  | 37.900                                   | 2.910                               | 37.381                                     | 2.923                                 | -1.37%             | 0.45%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3509                     | 37.891                                   | 2.919                               | 37.373                                     | 2.931                                 | -1.37%             | 0.40%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3537.51                  | 37.862                                   | 2.949                               | 37.343                                     | 2.967                                 | -1.37%             | 0.61%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3540                     | 37.860                                   | 2.952                               | 37.339                                     | 2.964                                 | -1.38%             | 0.42%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3541                     | 37.859                                   | 2.953                               | 37.338                                     | 2.965                                 | -1.38%             | 0.42%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3560                     | 37.840                                   | 2.972                               | 37.317                                     | 2.984                                 | -1.38%             | 0.39%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3570                     | 37.830                                   | 2.983                               | 37.306                                     | 2.991                                 | -1.39%             | 0.27%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3575                     | 37.825                                   | 2.988                               | 37.301                                     | 3.001                                 | -1.39%             | 0.44%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3575.01                  | 37.825                                   | 2.988                               | 37.302                                     | 3.002                                 | -1.38%             | 0.47%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3590                     | 37.810                                   | 3.004                               | 37.285                                     | 3.017                                 | -1.39%             | 0.45%          | ± 5%  | Dec. 31, 2024    | 22.0              | 22.3              |
| 3460                     | 37.948                                   | 2.869                               | 37.342                                     | 2.886                                 | -1.60%             | 0.59%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3499.995                 | 37.900                                   | 2.910                               | 37.297                                     | 2.926                                 | -1.59%             | 0.55%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3500                     | 37.900                                   | 2.910                               | 37.298                                     | 2.927                                 | -1.59%             | 0.58%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3500.01                  | 37.900                                   | 2.910                               | 37.299                                     | 2.928                                 | -1.59%             | 0.62%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3509                     | 37.891                                   | 2.919                               | 37.289                                     | 2.936                                 | -1.59%             | 0.57%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3537.51                  | 37.862                                   | 2.949                               | 37.258                                     | 2.961                                 | -1.60%             | 0.41%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3540                     | 37.860                                   | 2.952                               | 37.255                                     | 2.969                                 | -1.60%             | 0.59%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3541                     | 37.859                                   | 2.953                               | 37.254                                     | 2.970                                 | -1.60%             | 0.59%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3560                     | 37.840                                   | 2.972                               | 37.233                                     | 2.989                                 | -1.60%             | 0.56%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3570                     | 37.830                                   | 2.983                               | 37.223                                     | 2.998                                 | -1.60%             | 0.51%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3575                     | 37.825                                   | 2.988                               | 37.217                                     | 3.005                                 | -1.61%             | 0.57%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3575.01                  | 37.825                                   | 2.988                               | 37.216                                     | 3.006                                 | -1.61%             | 0.60%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3590                     | 37.810                                   | 3.004                               | 37.201                                     | 3.021                                 | -1.61%             | 0.58%          | ± 5%  | Jan. 01, 2025    | 22.3              | 22.5              |
| 3460                     | 37.948                                   | 2.869                               | 37.199                                     | 2.906                                 | -1.97%             | 1.28%          | ± 5%  | Jan. 02, 2025    | 22.0              | 22.3              |
| 3499.995                 | 37.900                                   | 2.910                               | 37.156                                     | 2.946                                 | -1.96%             | 1.24%          | ± 5%  | Jan. 02, 2025    | 22.0              | 22.3              |
| 3500                     | 37.900                                   | 2.910                               | 37.155                                     | 2.947                                 | -1.97%             | 1.27%          | ± 5%  | Jan. 02, 2025    | 22.0              | 22.3              |
| 3500.01                  | 37.900                                   | 2.910                               | 37.154                                     | 2.948                                 | -1.97%             | 1.31%          | ± 5%  | Jan. 02, 2025    | 22.0              | 22.3              |
| 3509                     | 37.891                                   | 2.919                               | 37.146                                     | 2.956                                 | -1.97%             | 1.26%          | ± 5%  | Jan. 02, 2025    | 22.0              | 22.3              |
| 3537.51                  | 37.862                                   | 2.949                               | 37.135                                     | 2.984                                 | -1.92%             | 1.19%          | ± 5%  | Jan. 02, 2025    | 22.0              | 22.3              |
| 3540                     | 37.860                                   | 2.952                               | 37.112                                     | 2.989                                 | -1.98%             | 1.27%          | ± 5%  | Jan. 02, 2025    | 22.0              | 22.3              |
| 3541                     | 37.859                                   | 2.953                               | 37.111                                     | 2.990                                 | -1.98%             | 1.27%          | ± 5%  | Jan. 02, 2025    | 22.0              | 22.3              |
| 3560                     | 37.840                                   | 2.972                               | 37.090                                     | 3.009                                 | -1.98%             | 1.23%          | ± 5%  | Jan. 02, 2025    | 22.0              | 22.3              |
| 3570                     | 37.830                                   | 2.983                               | 37.080                                     | 3.019                                 | -1.98%             | 1.21%          | ± 6%  | Jan. 02, 2025    | 22.0              | 22.3              |
| 3575                     | 37.825                                   | 2.988                               | 37.074                                     | 3.025                                 | -1.99%             | 1.24%          | ± 7%  | Jan. 02, 2025    | 22.0              | 22.3              |

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| Measured Frequency (MHz) | Target Dielectric Constant, $\epsilon_r$ | Target Conductivity, $\sigma$ (S/m) | Measured Dielectric Constant, $\epsilon_r$ | Measured Conductivity, $\sigma$ (S/m) | % dev $\epsilon_r$ | % dev $\sigma$ | Limit | Measurement Date | Liquid Temp. (°C) | Ambient Temp (°C) |
|--------------------------|------------------------------------------|-------------------------------------|--------------------------------------------|---------------------------------------|--------------------|----------------|-------|------------------|-------------------|-------------------|
| 3575.01                  | 37.825                                   | 2.988                               | 37.973                                     | 3.026                                 | 0.39%              | 1.27%          | ± 8%  | Jan. 02, 2025    | 22.0              | 22.3              |
| 3590                     | 37.810                                   | 3.004                               | 37.058                                     | 3.041                                 | -1.99%             | 1.25%          | ± 9%  | Jan. 02, 2025    | 22.0              | 22.3              |
| 3609                     | 37.791                                   | 3.023                               | 36.854                                     | 3.057                                 | -2.48%             | 1.11%          | ± 10% | Jan. 03, 2025    | 21.8              | 22.3              |
| 3612.51                  | 37.787                                   | 3.027                               | 36.851                                     | 3.061                                 | -2.48%             | 1.12%          | ± 11% | Jan. 03, 2025    | 21.8              | 22.3              |
| 3625.02                  | 37.775                                   | 3.040                               | 36.837                                     | 3.074                                 | -2.48%             | 1.12%          | ± 12% | Jan. 03, 2025    | 21.8              | 22.3              |
| 3641                     | 37.759                                   | 3.057                               | 36.820                                     | 3.091                                 | -2.49%             | 1.12%          | ± 13% | Jan. 03, 2025    | 21.8              | 22.3              |
| 3650.01                  | 37.750                                   | 3.066                               | 36.810                                     | 3.100                                 | -2.49%             | 1.11%          | ± 14% | Jan. 03, 2025    | 21.8              | 22.3              |
| 3679.98                  | 37.720                                   | 3.097                               | 36.777                                     | 3.131                                 | -2.50%             | 1.09%          | ± 15% | Jan. 03, 2025    | 21.8              | 22.3              |
| 3690                     | 37.710                                   | 3.108                               | 36.766                                     | 3.142                                 | -2.50%             | 1.11%          | ± 16% | Jan. 03, 2025    | 21.8              | 22.3              |
| 3700                     | 37.700                                   | 3.118                               | 36.753                                     | 3.153                                 | -2.51%             | 1.12%          | ± 17% | Jan. 03, 2025    | 21.8              | 22.3              |
| 3750                     | 37.650                                   | 3.170                               | 36.698                                     | 3.204                                 | -2.53%             | 1.07%          | ± 18% | Jan. 03, 2025    | 21.8              | 22.3              |
| 3795                     | 37.605                                   | 3.217                               | 36.649                                     | 3.251                                 | -2.54%             | 1.06%          | ± 19% | Jan. 03, 2025    | 21.8              | 22.3              |
| 3609                     | 37.791                                   | 3.023                               | 36.818                                     | 3.065                                 | -2.57%             | 1.38%          | ± 20% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3612.51                  | 37.787                                   | 3.027                               | 36.815                                     | 3.069                                 | -2.57%             | 1.39%          | ± 21% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3625.02                  | 37.775                                   | 3.040                               | 36.801                                     | 3.082                                 | -2.58%             | 1.38%          | ± 22% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3641                     | 37.759                                   | 3.057                               | 36.784                                     | 3.099                                 | -2.58%             | 1.39%          | ± 23% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3650.01                  | 37.750                                   | 3.066                               | 36.774                                     | 3.108                                 | -2.59%             | 1.37%          | ± 24% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3660                     | 37.740                                   | 3.076                               | 36.753                                     | 3.118                                 | -2.62%             | 1.35%          | ± 25% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3662.5                   | 37.738                                   | 3.079                               | 36.750                                     | 3.121                                 | -2.62%             | 1.36%          | ± 26% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3665                     | 37.735                                   | 3.082                               | 36.747                                     | 3.124                                 | -2.62%             | 1.38%          | ± 27% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3679.98                  | 37.720                                   | 3.097                               | 36.732                                     | 3.139                                 | -2.62%             | 1.35%          | ± 28% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3690                     | 37.710                                   | 3.108                               | 36.721                                     | 3.150                                 | -2.62%             | 1.36%          | ± 29% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3700                     | 37.700                                   | 3.118                               | 36.710                                     | 3.161                                 | -2.63%             | 1.38%          | ± 30% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3750                     | 37.650                                   | 3.170                               | 36.655                                     | 3.213                                 | -2.64%             | 1.36%          | ± 31% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3795                     | 37.605                                   | 3.217                               | 36.604                                     | 3.260                                 | -2.66%             | 1.34%          | ± 32% | Jan. 04, 2025    | 22.0              | 22.4              |
| 3609                     | 37.791                                   | 3.023                               | 36.793                                     | 3.073                                 | -2.64%             | 1.64%          | ± 33% | Jan. 05, 2025    | 21.9              | 22.3              |
| 3612.51                  | 37.787                                   | 3.027                               | 36.790                                     | 3.077                                 | -2.64%             | 1.65%          | ± 34% | Jan. 05, 2025    | 21.9              | 22.3              |
| 3625.02                  | 37.775                                   | 3.040                               | 36.776                                     | 3.086                                 | -2.64%             | 1.51%          | ± 35% | Jan. 05, 2025    | 21.9              | 22.3              |
| 3641                     | 37.759                                   | 3.057                               | 36.759                                     | 3.103                                 | -2.65%             | 1.52%          | ± 36% | Jan. 05, 2025    | 21.9              | 22.3              |
| 3650.01                  | 37.750                                   | 3.066                               | 36.750                                     | 3.112                                 | -2.65%             | 1.50%          | ± 37% | Jan. 05, 2025    | 21.9              | 22.3              |
| 3679.98                  | 37.720                                   | 3.097                               | 36.717                                     | 3.144                                 | -2.66%             | 1.51%          | ± 38% | Jan. 05, 2025    | 21.9              | 22.3              |
| 3690                     | 37.710                                   | 3.108                               | 36.706                                     | 3.155                                 | -2.66%             | 1.53%          | ± 39% | Jan. 05, 2025    | 21.9              | 22.3              |
| 3700                     | 37.700                                   | 3.118                               | 36.695                                     | 3.166                                 | -2.67%             | 1.54%          | ± 40% | Jan. 05, 2025    | 21.9              | 22.3              |
| 3750                     | 37.650                                   | 3.170                               | 36.640                                     | 3.219                                 | -2.68%             | 1.55%          | ± 41% | Jan. 05, 2025    | 21.9              | 22.3              |
| 3795                     | 37.605                                   | 3.217                               | 36.589                                     | 3.266                                 | -2.70%             | 1.53%          | ± 42% | Jan. 05, 2025    | 21.9              | 22.3              |
| 3609                     | 37.791                                   | 3.023                               | 36.724                                     | 3.080                                 | -2.82%             | 1.87%          | ± 43% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3610                     | 37.790                                   | 3.024                               | 36.722                                     | 3.081                                 | -2.83%             | 1.87%          | ± 44% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3612.51                  | 37.787                                   | 3.027                               | 36.721                                     | 3.085                                 | -2.82%             | 1.92%          | ± 44% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3625.02                  | 37.775                                   | 3.040                               | 36.707                                     | 3.098                                 | -2.83%             | 1.91%          | ± 45% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3641                     | 37.759                                   | 3.057                               | 36.689                                     | 3.115                                 | -2.83%             | 1.91%          | ± 46% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3650.01                  | 37.750                                   | 3.066                               | 36.680                                     | 3.124                                 | -2.83%             | 1.89%          | ± 47% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3660                     | 37.740                                   | 3.076                               | 36.669                                     | 3.130                                 | -2.84%             | 1.74%          | ± 48% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3662.5                   | 37.738                                   | 3.079                               | 36.666                                     | 3.133                                 | -2.84%             | 1.75%          | ± 49% | Jan. 06, 2025    | 21.8              | 22.3              |

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| Measured Frequency (MHz) | Target Dielectric Constant, $\epsilon_r$ | Target Conductivity, $\sigma$ (S/m) | Measured Dielectric Constant, $\epsilon_r$ | Measured Conductivity, $\sigma$ (S/m) | % dev $\epsilon_r$ | % dev $\sigma$ | Limit | Measurement Date | Liquid Temp. (°C) | Ambient Temp (°C) |
|--------------------------|------------------------------------------|-------------------------------------|--------------------------------------------|---------------------------------------|--------------------|----------------|-------|------------------|-------------------|-------------------|
| 3665                     | 37.735                                   | 3.082                               | 36.663                                     | 3.136                                 | -2.84%             | 1.77%          | ± 50% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3679.98                  | 37.720                                   | 3.097                               | 36.648                                     | 3.151                                 | -2.84%             | 1.74%          | ± 51% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3690                     | 37.710                                   | 3.108                               | 36.636                                     | 3.162                                 | -2.85%             | 1.75%          | ± 52% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3700                     | 37.700                                   | 3.118                               | 36.625                                     | 3.172                                 | -2.85%             | 1.73%          | ± 53% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3750                     | 37.650                                   | 3.170                               | 36.570                                     | 3.224                                 | -2.87%             | 1.70%          | ± 54% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3795                     | 37.605                                   | 3.217                               | 36.521                                     | 3.271                                 | -2.88%             | 1.68%          | ± 55% | Jan. 06, 2025    | 21.8              | 22.3              |
| 3840                     | 37.560                                   | 3.264                               | 36.433                                     | 3.293                                 | -3.00%             | 0.90%          | ± 56% | Jan. 07, 2025    | 21.7              | 22.2              |
| 3885                     | 37.515                                   | 3.310                               | 36.384                                     | 3.339                                 | -3.01%             | 0.86%          | ± 57% | Jan. 07, 2025    | 21.7              | 22.2              |
| 3900                     | 37.500                                   | 3.326                               | 36.368                                     | 3.354                                 | -3.02%             | 0.84%          | ± 58% | Jan. 07, 2025    | 21.7              | 22.2              |
| 3930                     | 37.470                                   | 3.357                               | 36.335                                     | 3.385                                 | -3.03%             | 0.83%          | ± 59% | Jan. 07, 2025    | 21.7              | 22.2              |

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### 3.4 The composition of the tissue simulating liquid:

Simulating Liquids for 600 MHz -10 GHz, Manufactured by SPEAG:

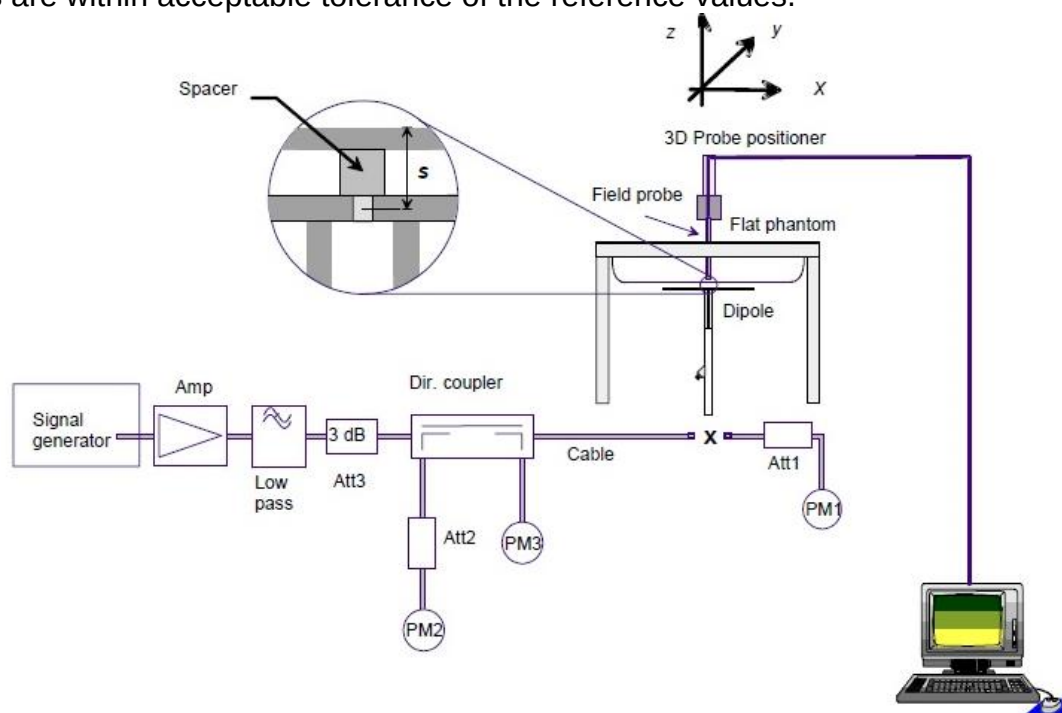
| Broad-band head tissue simulating liquids | SPEAG Product   | Frequency range (MHz) | Main Ingredients |
|-------------------------------------------|-----------------|-----------------------|------------------|
|                                           | HBBL600-10000V6 | 600 - 10000           | Water, Oil       |

### 3.5 System check

The microwave circuit arrangement for system check is sketched in below. The daily system accuracy verification occurs within the flat section of the SAM phantom and ELI phantom. A SAR measurement was performed to see if the measured SAR was within +/- 10% from the target SAR values.

The tests were conducted on the same days as the measurement of the DUT. The obtained results from the system accuracy verification are displayed with SAR values normalized to 1W forward power delivered to the dipole.

During the tests, the liquid depth from the center of the flat phantom to the liquid top surface was 15 cm above in all the cases. It is seen that the system is operating within its specification, as the results are within acceptable tolerance of the reference values.



The block diagram of system check

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## 3.6 System check results

| Validation Kit | S/N   | Frequency (MHz) | 1W Target 1g-SAR (W/kg) | pin=250mW Measured 1g-SAR (W/kg) | Normalized to 1W 1g-SAR (W/kg) | Deviation (%) | Limit | Measurement Date |
|----------------|-------|-----------------|-------------------------|----------------------------------|--------------------------------|---------------|-------|------------------|
| D750V3         | 1015  | 750             | 8.51                    | 2.22                             | 8.88                           | 4.35          | ± 10% | Dec.19,2024      |
| D835V2         | 4d063 | 835             | 9.4                     | 2.41                             | 9.64                           | 2.55          | ± 10% | Dec.20,2024      |
| D1750V2        | 1158  | 1750            | 36.3                    | 9.12                             | 36.48                          | 0.50          | ± 10% | Dec.21,2024      |
| D1900V2        | 5d173 | 1900            | 39.9                    | 9.62                             | 38.48                          | -3.56         | ± 10% | Dec.22,2024      |
| D2300V2        | 1009  | 2300            | 49.7                    | 12.6                             | 50.4                           | 1.41          | ± 10% | Dec.23,2024      |
| D2600V2        | 1005  | 2600            | 56                      | 13.4                             | 53.6                           | -4.29         | ± 10% | Dec.24,2024      |
| D2600V2        | 1005  | 2600            | 56                      | 13.5                             | 54                             | -3.57         | ± 10% | Dec.25,2024      |
| D2600V2        | 1005  | 2600            | 56                      | 13.6                             | 54.4                           | -2.86         | ± 10% | Dec.26,2024      |
| D2600V2        | 1005  | 2600            | 56                      | 13.7                             | 54.8                           | -2.14         | ± 10% | Dec.27,2024      |
| D2600V2        | 1005  | 2600            | 56                      | 13.9                             | 55.6                           | -0.71         | ± 10% | Dec.28,2024      |
| D2600V2        | 1005  | 2600            | 56                      | 13.9                             | 55.6                           | -0.71         | ± 10% | Dec.29,2024      |
| Validation Kit | S/N   | Frequency (MHz) | 1W Target 1g-SAR (W/kg) | pin=100mW Measured 1g-SAR (W/kg) | Normalized to 1W 1g-SAR (W/kg) | Deviation (%) | Limit | Measurement Date |
| D3500V2        | 1009  | 3500            | 66                      | 6.42                             | 64.2                           | -2.73         | ± 10% | Dec.30,2024      |
| D3500V2        | 1009  | 3500            | 66                      | 6.62                             | 66.2                           | 0.30          | ± 10% | Dec.31,2024      |
| D3500V2        | 1009  | 3500            | 66                      | 6.62                             | 66.2                           | 0.30          | ± 10% | Jan.01,2025      |
| D3500V2        | 1009  | 3500            | 66                      | 6.51                             | 65.1                           | -1.36         | ± 10% | Jan.02,2025      |
| D3700V2        | 1057  | 3700            | 67.5                    | 6.5                              | 65                             | -3.70         | ± 10% | Jan.03,2025      |
| D3700V2        | 1057  | 3700            | 67.5                    | 6.48                             | 64.8                           | -4.00         | ± 10% | Jan.04,2025      |
| D3700V2        | 1057  | 3700            | 67.5                    | 6.81                             | 68.1                           | 0.89          | ± 10% | Jan.05,2025      |
| D3700V2        | 1057  | 3700            | 67.5                    | 6.91                             | 69.1                           | 2.37          | ± 10% | Jan.06,2025      |
| D3900V2        | 1032  | 3900            | 66.9                    | 6.85                             | 68.5                           | 2.39          | ± 10% | Jan.07,2025      |

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## 4 TEST CONFIGURATIONS

### 4.1 Test Environment

Ambient Temperature:  $22 \pm 2^\circ \text{C}$

Tissue Simulating Liquid:  $22 \pm 2^\circ \text{C}$

### 4.2 Test Note

- **General:** Measurements are performed respectively on the lowest, middle and highest channels of the operating band(s).
- **General:** The EUT is set to maximum power level during all tests, and at the beginning of each test the battery is fully charged.
- **General:** During the SAR testing, the DASY system checks power drift by comparing the e-field strength of one specific location measured at the beginning with that measured at the end of the SAR testing.
- **General:** According to KDB447498D01v06, testing of other required channels is not required when the reported 1-g SAR for the highest output channel is  $\leq 0.8 \text{ W/kg}$ , when the transmission band is  $\leq 100 \text{ MHz}$ .
- **General:** According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is  $\geq 0.8 \text{ W/kg}$ , repeated that measurement once. Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is  $> 1.20$  or when the original or repeated measurement is  $\geq 1.45 \text{ W/kg}$  ( $\sim 10\%$  from the 1-g SAR limit).
- **LTE:** LTE modes test according to **KDB 941225D05v02r05**.
  - a. Per Section 5.2.1, the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation.
    - Using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
    - When the reported SAR is  $\leq 0.8 \text{ W/kg}$ , testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel.
    - When the reported SAR of a required test channel is  $> 1.45 \text{ W/kg}$ , SAR is required for all three RB offset configurations for that required test channel.
  - b. Per Section 5.2.2, the largest channel bandwidth and measure SAR for QPSK with 50% RB allocation
    - The procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.
  - c. Per Section 5.2.3, the largest channel bandwidth and measure SAR for QPSK with 100% RB allocation
    - For QPSK with 100% RB allocation, SAR is not required when the highest

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maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are  $\leq 0.8$  W/kg.

- Otherwise, SAR is measured for the highest output power channel and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested.

d. Per Section 5.2.4, Higher order modulations

- For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in sections 5.2.1, 5.2.2 and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is  $> \frac{1}{2}$  dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is  $> 1.45$  W/kg.

e. Per Section 5.3, other channel bandwidth standalone SAR test requirements

- For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section 5.2 to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is  $> \frac{1}{2}$  dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is  $> 1.45$  W/kg. The equivalent channel configuration for the RB allocation, RB offset and modulation etc. is determined for the smaller channel bandwidth according to the same number of RB allocated in the largest channel bandwidth.

- TDD LTE was tested at highest duty factor using UL-DL configuration 0 with 6 UL subframes and 2 special subframes using extended cyclic prefix only and special subframe configuration 6. SAR tests were performed at maximum output power and worst-case transmission duty factor in extended cyclic prefix. Per 3GPP 36.211 Section 4.2, the duty factor for UL-DL configuration 0/special subframe configuration 6 using extended cyclic prefix is 0.633.

According to KDB 941225 D05, SAR testing for TDD LTE must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP TDD LTE configurations. The TDD-LTE of this device supports frame structure type 2 defined in 3GPP TS 36.211 section 4.2, and the frame structure configuration can be tabulated as below.

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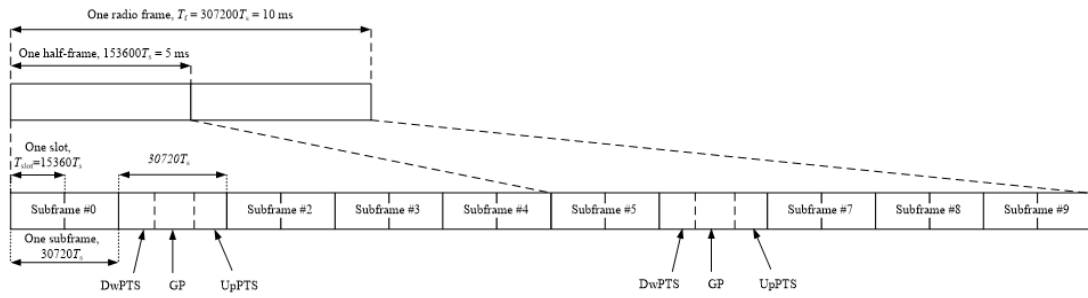


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity)

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

| Special subframe configuration n | Normal cyclic prefix in downlink |                              |                              | Extended cyclic prefix in downlink |                              |                              |
|----------------------------------|----------------------------------|------------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|
|                                  | DwPTS                            | GP                           | UpPTS                        | DwPTS                              | GP                           | UpPTS                        |
| 0                                | $6592 \cdot T_s$                 | $(1+X) \cdot 2192 \cdot T_s$ | $(1+X) \cdot 2560 \cdot T_s$ | $7680 \cdot T_s$                   | $(1+X) \cdot 2192 \cdot T_s$ | $(1+X) \cdot 2560 \cdot T_s$ |
| 1                                | $19760 \cdot T_s$                |                              |                              | $20480 \cdot T_s$                  |                              |                              |
| 2                                | $21952 \cdot T_s$                |                              |                              | $23040 \cdot T_s$                  |                              |                              |
| 3                                | $24144 \cdot T_s$                |                              |                              | $25600 \cdot T_s$                  |                              |                              |
| 4                                | $26336 \cdot T_s$                | $(2+X) \cdot 2192 \cdot T_s$ | $(2+X) \cdot 2560 \cdot T_s$ | $7680 \cdot T_s$                   | $(2+X) \cdot 2192 \cdot T_s$ | $(2+X) \cdot 2560 \cdot T_s$ |
| 5                                | $6592 \cdot T_s$                 |                              |                              | $20480 \cdot T_s$                  |                              |                              |
| 6                                | $19760 \cdot T_s$                |                              |                              | $23040 \cdot T_s$                  |                              |                              |
| 7                                | $21952 \cdot T_s$                |                              |                              | $12800 \cdot T_s$                  |                              |                              |
| 8                                | $24144 \cdot T_s$                | -                            | -                            | -                                  | -                            | -                            |
| 9                                | $13168 \cdot T_s$                |                              |                              | -                                  | -                            | -                            |

Table 4.2-2: Uplink-downlink configurations

| Uplink-downlink configuration | Downlink-to-Uplink Switch-point periodicity | Subframe number |   |   |   |   |   |   |   |
|-------------------------------|---------------------------------------------|-----------------|---|---|---|---|---|---|---|
|                               |                                             | 0               | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 0                             | 5 ms                                        | D               | S | U | U | D | D | S | U |
| 1                             | 5 ms                                        | D               | S | U | U | D | D | S | U |
| 2                             | 5 ms                                        | D               | S | U | D | D | D | S | U |
| 3                             | 10 ms                                       | D               | S | U | U | U | D | D | D |
| 4                             | 10 ms                                       | D               | S | U | U | D | D | D | D |
| 5                             | 10 ms                                       | D               | S | U | D | D | D | D | D |
| 6                             | 5 ms                                        | D               | S | U | U | U | D | S | U |

Considering the highest transmission duty cycle, TDD LTE was tested using Uplink-Downlink configuration 0 with 6 uplink subframe and 2 special subframe. The special subframe was set to special subframe configuration 6 using extended cyclic prefix uplink. Therefore, SAR testing for TDD LTE was measured at the maximum output power with highest transmission duty cycle of 63.33%.

- **LTE downlink CA:** The device supports the carrier aggregation in the downlink.

All uplink communications are identical to the Release 8 specifications. Uplink

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maximum output power is measured with downlink carrier aggregation active, only for the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than  $\frac{1}{4}$  dB higher than the maximum output power measured when downlink carrier aggregation inactive. The downlink channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements. The nominal channel spacing is determined by  $[BW1 + BW2 - 0.1 \cdot |BW1 - BW2|]/2$  MHz, where BW1 and BW2 are the channel bandwidths of the CC in a 2-CC aggregation configuration. The downlink PCC channel should be paired with the uplink channel according to normal configurations, as if there is no carrier aggregation. The downlink SCC should be adjacent to the PCC and remain within the downlink transmission band for contiguous intra-band CA. For non-contiguous intra-band CA, the SCC should be selected to provide maximum separation from the PCC and must remain fully within the downlink transmission band. For inter-band CA, the SCC should be near the middle of its transmission band. When downlink carrier aggregation is active uplink maximum output power remain within the specified tune-up tolerance limits and not more than  $\frac{1}{4}$  dB higher than the maximum output power measured when downlink carrier aggregation inactive, so SAR evaluation is not required for downlink carrier aggregation.

- **LTE intra-band UL CA (contiguous):** The device supports LTE intra-band contiguous UL CA. The maximum output power is measured for each UL CA configuration for the required test channels. UL PCC configuration is determined by the required test channel. SCC and subsequent CCs are added alternatively to either side of the PCC or within the transmission band for channels at the ends of a frequency band. SAR for UL CA is required in highest standalone head/body test position and frequency band combination. Since the maximum output for UL CA is  $\leq$  standalone LTE mode (without CA), PCC is configured according to the highest standalone SAR configuration tested, SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC.

- **5G NR:** SAR tests for NR bands and LTE anchor bands were performed separately due to limitations in SAR probe calibration factor. Due to test setup limitation, SAR testing for NR was performed using factory test mode software to establish the connection.

- **5G NR:** 5G NR Power/SAR procedure is similar with KDB 941225 D05. **a.** For power measurement reduction of DFT-s-OFDM and CP-OFDM, CP-OFDM will not higher than DFT-OFDM based on 3GPP MPR table, so CP-OFDM QPSK power measurement is spot check for 1RB allocation/1 RB offset configuration to ensure the output power will not  $\frac{1}{2}$  dB higher than Pi/2 BPSK and QPSK. **b.** For power measurement reduction of DFT-s-OFDM, 16QAM/64QAM/256QAM will not higher than Pi/2 BPSK and QPSK based on 3GPP MPR table, so Pi/2 BPSK and QPSK are measured fully, and 16QAM is spot check 1RB allocation/1 RB offset configuration to ensure the output power will not  $\frac{1}{2}$  dB higher than Pi/2 BPSK and QPSK. Smaller bandwidth output power will also follow the largest bandwidth to

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ensure output power will not  $\frac{1}{2}$  dB higher than largest supported bandwidth. **c.** SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. **d.** 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure. **e.** QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are  $\leq 0.8$  W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested. **f.** 16QAM/64QAM/256QAM output powers according to 3GPP MPR will not  $\frac{1}{2}$  dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, 16QAM/64QAM/256QAM SAR testing are not required. **g.** Smaller bandwidth output power for each RB allocation configuration for this device will not  $\frac{1}{2}$  dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is  $\leq 1.45$  W/kg, smaller bandwidth SAR testing is not required for this device.

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### 4.3 Test position

#### Tablet mode SAR test position (0mm)

For full-size tablet, according to KDB 616217 D04, SAR evaluation is required for back surface and edges of the devices. The back surface and edges of the tablet are tested with the tablet touching the phantom. Exposures from antennas through the front surface of the display section of a tablet are generally limited to the user's hands. Exposures to hands for typical consumer transmitters used in tablets are not expected to exceed the extremity SAR limit; therefore, SAR evaluation for the front surface of tablet display screens are generally not necessary. When voice mode is supported on a tablet and it is limited to speaker mode or headset operations only, additional SAR testing for this type of voice use is not required.

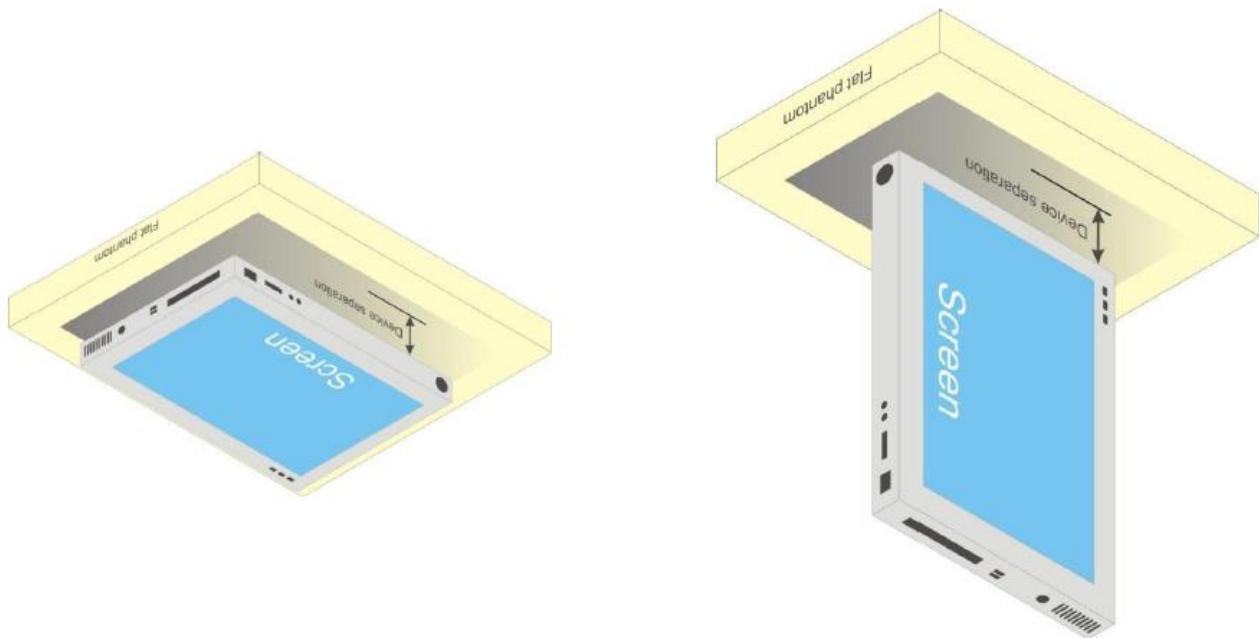


Illustration for Tablet Setup

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#### 4.4 Power verification of device mode

The device is a convertible laptop computer with predefined single fixed power to each device modes. For the device modes verification, the measured conducted output power is monitored qualitatively to identify the triggering characteristics and recorded quantitatively.

##### Results and conclusion

The measured output power versus lid angle is tabulated in the following table based on the guidance from 2019-11 TCB workshop, and the triggering verification complies with the device mode / power level declared by the manufacturer.

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| A | Laid down | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 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2416 | 2417 | 2418 | 2419 | 2420 | 2421 | 2422 | 2423 | 2424 | 2425 | 2426 | 2427 | 2428 | 2429 | 2430 | 2431 | 2432 | 2433 | 2434 | 2435 | 2436 | 2437 | 2438 | 2439 | 2440 | 2441 | 2442 | 2443 | 2444 | 2445 | 2446 | 2447 | 2448 | 2449 | 2450 | 2451 | 2452 | 2453 | 2454 | 2455 | 2456 | 2457 | 2458 | 2459 | 2460 | 2461 | 2462 | 2463 | 2464 | 2465 | 2466 | 2467 | 2468 | 2469 | 2470 | 2471 | 2472 | 2473 | 2474 | 2475 | 2476 | 2477 | 2478 | 2479 | 2480 | 2481 | 2482 | 2483 | 2484 | 2485 | 2486 | 2487 | 2488 | 2489 | 2490 | 2491 | 2492 | 2493 | 2494 | 2495 | 2496 | 2497 | 2498 | 2499 | 2500 | 2501 | 2502 | 2503 | 2504 | 2505 | 2506 | 2507 | 2508 | 2509 | 2510 | 2511 | 2512 | 2513 | 2514 | 2515 | 2516 | 2517 | 2518 | 2519 | 2520 | 2521 | 2522 | 2523 | 2524 | 2525 | 2526 | 2527 | 2528 | 2529 | 2530 | 2531 | 2532 | 2533 | 2534 | 2535 | 2536 | 2537 | 2538 | 2539 | 2540 | 2541 | 2542 | 2543 | 2544 | 2545 | 2546 | 2547 | 2548 | 2549 | 2550 | 2551 | 2552 | 2553 | 2554 | 2555 | 2556 | 2557 | 2558 | 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3131 | 3132 | 3133 | 3134 | 3135 | 3136 | 3137 | 3138 | 3139 | 3140 | 3141 | 3142 | 3143 | 3144 | 3145 | 3146 | 3147 | 3148 | 3149 | 3150 | 3151 | 3152 | 3153 | 3154 | 3155 | 3156 | 3157 | 3158 | 3159 | 3160 | 3161 | 3162 | 3163 | 3164 | 3165 | 3166 | 3167 | 3168 | 3169 | 3170 | 3171 | 3172 | 3173 | 3174 | 3175 | 3176 | 3177 | 3178 | 3179 | 3180 | 3181 | 3182 | 3183 | 3184 | 3185 | 3186 | 3187 | 3188 | 3189 | 3190 | 3191 | 3192 | 3193 | 3194 | 3195 | 3196 | 3197 | 3198 | 3199 | 3200 | 3201 | 3202 | 3203 | 3204 | 3205 | 3206 | 3207 | 3208 | 3209 | 3210 | 3211 | 3212 | 3213 | 3214 | 3215 | 3216 | 3217 | 3218 | 3219 | 3220 | 3221 | 3222 | 3223 | 3224 | 3225 | 3226 | 3227 | 3228 | 3229 | 3230 | 3231 | 3232 | 3233 | 3234 | 3235 | 3236 | 3237 | 3238 | 3239 | 3240 | 3241 | 3242 | 3243 | 3244 | 3245 | 3246 | 3247 | 3248 | 3249 | 3250 | 3251 | 3252 | 3253 | 3254 | 3255 | 3256 | 3257 | 3258 | 3259 | 3260 | 3261 | 3262 | 3263 | 3264 | 3265 | 3266 | 3267 | 3268 | 3269 | 3270 | 3271 | 3272 | 3273 | 3274 | 3275 | 3276 | 3277 | 3278 | 3279 | 3280 | 3281 | 3282 | 3283 | 3284 | 3285 | 3286 | 3287 | 3288 | 3289 | 3290 | 3291 | 3292 | 3293 | 3294 | 3295 | 3296 | 3297 | 3298 | 3299 | 3300 | 3301 | 3302 | 3303 | 3304 | 3305 | 3306 | 3307 | 3308 | 3309 | 3310 | 3311 | 3312 | 3313 | 3314 | 3315 | 3316 | 3317 | 3318 | 3319 | 3320 | 3321 | 3322 | 3323 | 3324 | 3325 | 3326 | 3327 | 3328 | 3329 | 3330 | 3331 | 3332 | 3333 | 3334 | 3335 | 3336 | 3337 | 3338 | 3339 | 3340 | 3341 | 3342 | 3343 | 3344 | 3345 | 3346 | 3347 | 3348 | 3349 | 3350 | 3351 | 3352 | 3353 | 3354 | 3355 | 3356 | 3357 | 3358 | 3359 | 3360 | 3361 | 3362 | 3363 |
|---|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------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#### 4.5 Test limit

##### [§ 2.1093\(d\)\(1\)](#)

Applications for equipment authorization of portable RF sources subject to routine environmental evaluation must contain a statement confirming compliance with the limits specified in [§ 1.1310](#) as part of their application. Technical information showing the basis for this statement must be submitted to the Commission upon request. The SAR limits specified in [§ 1.1310\(a\)](#) through [\(c\) of this chapter](#) shall be used for evaluation of portable devices transmitting in the frequency range from 100 kHz to 6 GHz. Portable devices that transmit at frequencies above 6 GHz shall be evaluated in terms of the MPE limits specified in Table 1 to [§ 1.1310\(e\)\(1\)](#). A minimum separation distance applicable to the operating configurations and exposure conditions of the device shall be used for the evaluation. In general, maximum time-averaged power levels must be used for evaluation. All unlicensed personal communications service (PCS) devices and unlicensed NII devices shall be subject to the limits for general population/uncontrolled exposure.

Radiofrequency radiation exposure limits.

##### [§ 1.1310\(a\)](#)

Specific absorption rate (SAR) shall be used to evaluate the environmental impact of human exposure to radiofrequency (RF) radiation as specified in § 1.1307(b) within the frequency range of 100 kHz to 6 GHz (inclusive).

##### [§ 1.1310\(b\)](#)

The SAR limits for occupational/controlled exposure are 0.4 W/kg, as averaged over the whole body, and a peak spatial-average SAR of 8 W/kg, averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the parts of the human body treated as extremities, such as hands, wrists, feet, ankles, and pinnae, where the peak spatial-average SAR limit for occupational/controlled exposure is 20 W/kg, averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). Exposure may be averaged over a time period not to exceed 6 minutes to determine compliance with occupational/controlled SAR limits.

##### [§ 1.1310\(c\)](#)

The SAR limits for general population/uncontrolled exposure are 0.08 W/kg, as averaged over the whole body, and a peak spatial-average SAR of 1.6 W/kg, averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the parts of the human body treated as extremities, such as hands, wrists, feet, ankles, and pinnae, where the peak spatial-average SAR limit is 4 W/kg, averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). Exposure may be averaged over a time period not to exceed 30 minutes to determine compliance with general population/uncontrolled SAR limits.

Note to paragraphs (a) through (c):

SAR is a measure of the rate of energy absorption due to exposure to RF electromagnetic energy. These SAR limits to be used for evaluation are based generally on criteria published by the American National Standards Institute (ANSI) for localized SAR in [Section 4.2](#) of "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE Std C95.1-1992, copyright 1992 by the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017. These criteria for SAR evaluation are similar to those recommended by the National Council on Radiation Protection and Measurements (NCRP) in "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," NCRP Report No. 86, [Section 17.4.5](#), copyright 1986 by NCRP, Bethesda, Maryland 20814. Limits for whole body SAR and peak spatial-average SAR are based

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on recommendations made in both of these documents. The MPE limits in Table 1 are based generally on criteria published by the NCRP in "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," NCRP Report No. 86, Sections 17.4.1, 17.4.1.1, 17.4.2 and 17.4.3, copyright 1986 by NCRP, Bethesda, Maryland 20814. In the frequency range from 100 MHz to 1500 MHz, these MPE exposure limits for field strength and power density are also generally based on criteria recommended by the ANSI in [Section 4.1](#) of "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE Std C95.1-1992, copyright 1992 by the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017.

Portable devices that transmit at frequencies above 6 GHz shall be evaluated in terms of the MPE limits specified in Table 1 to [§ 1.1310\(e\)\(1\)](#).

According to ANSI/IEEE C95.1-1992, the criteria listed in the following Table shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in §1.1310.

Peak Spatially Averaged Power Density was evaluated over a circular area of 4cm<sup>2</sup> per interim FCC Guidance for near-field power density evaluations per October 2018 TCB Workshop notes

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| Frequency range (MHz)                                    | Electric field strength (V/m) | Magnetic field strength (A/m) | Power density (mW/cm <sup>2</sup> ) | Averaging time (minutes) |
|----------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|
| (i) Limits for Occupational/Controlled Exposure          |                               |                               |                                     |                          |
| 0.3-3.0                                                  | 614                           | 1.63                          | *(100)                              | ≤6                       |
| 3.0-30                                                   | 1842/f                        | 4.89/f                        | *(900/f <sup>2</sup> )              | <6                       |
| 30-300                                                   | 61.4                          | 0.163                         | 1.0                                 | <6                       |
| 300-1,500                                                |                               |                               | f/300                               | <6                       |
| 1,500-100,000                                            |                               |                               | 5                                   | <6                       |
| (ii) Limits for General Population/Uncontrolled Exposure |                               |                               |                                     |                          |
| 0.3-1.34                                                 | 614                           | 1.63                          | *(100)                              | <30                      |
| 1.34-30                                                  | 824/f                         | 2.19/f                        | *(180/f <sup>2</sup> )              | <30                      |
| 30-300                                                   | 27.5                          | 0.073                         | 0.2                                 | <30                      |
| 300-1,500                                                |                               |                               | f/1500                              | <30                      |
| 1,500-100,000                                            |                               |                               | 1.0                                 | <30                      |

f = frequency in MHz. \* = Plane-wave equivalent power density.

Table 1 to § 1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)

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## 5 MAXIMUM OUTPUT POWER

### 5.1 WCDMA

#### Notebook mode

#### Ant5

| Band                                       |                    | WCDMA V |       |       |
|--------------------------------------------|--------------------|---------|-------|-------|
| TX Channel                                 |                    | 4132    | 4183  | 4233  |
| Frequency (MHz)                            |                    | 826.4   | 836.6 | 846.6 |
| Max. Rated Avg. Power+Max. Tolerance (dBm) |                    | 24.50   |       |       |
| 3GPP Rel 99                                | RMC 12.2Kbps       | 23.31   | 23.27 | 23.11 |
| 3GPP Rel 5                                 | HSDPA Subtest-1    | 23.20   | 23.14 | 23.04 |
|                                            | HSDPA Subtest-2    | 23.14   | 23.17 | 22.88 |
|                                            | HSDPA Subtest-3    | 22.60   | 22.71 | 22.54 |
|                                            | HSDPA Subtest-4    | 22.65   | 22.57 | 22.45 |
| 3GPP Rel 6                                 | HSUPA Subtest-1    | 23.11   | 23.02 | 22.95 |
|                                            | HSUPA Subtest-2    | 21.18   | 21.13 | 20.98 |
|                                            | HSUPA Subtest-3    | 22.11   | 22.17 | 22.03 |
|                                            | HSUPA Subtest-4    | 21.11   | 21.22 | 20.86 |
|                                            | HSUPA Subtest-5    | 23.08   | 23.13 | 23.02 |
| 3GPP Rel 7                                 | HSPA+              | 20.66   | 20.58 | 20.49 |
| 3GPP Rel 8                                 | DC-HSDPA Subtest-1 | 23.09   | 23.21 | 23.04 |
|                                            | DC-HSDPA Subtest-2 | 23.11   | 22.99 | 22.91 |
|                                            | DC-HSDPA Subtest-3 | 22.61   | 22.53 | 22.45 |
|                                            | DC-HSDPA Subtest-4 | 22.65   | 22.54 | 22.49 |

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## Ant8

| Band                                       |                    | WCDMA II |       |        |
|--------------------------------------------|--------------------|----------|-------|--------|
| TX Channel                                 |                    | 9262     | 9400  | 9538   |
| Frequency (MHz)                            |                    | 1852.4   | 1880  | 1907.6 |
| Max. Rated Avg. Power+Max. Tolerance (dBm) |                    | 24.50    |       |        |
| 3GPP Rel 99                                | RMC 12.2Kbps       | 22.82    | 23.02 | 23.17  |
| 3GPP Rel 5                                 | HSDPA Subtest-1    | 22.57    | 22.83 | 23.03  |
|                                            | HSDPA Subtest-2    | 22.55    | 22.85 | 22.94  |
|                                            | HSDPA Subtest-3    | 22.18    | 22.35 | 22.57  |
|                                            | HSDPA Subtest-4    | 22.17    | 22.40 | 22.53  |
| 3GPP Rel 6                                 | HSUPA Subtest-1    | 22.57    | 22.95 | 22.91  |
|                                            | HSUPA Subtest-2    | 20.68    | 20.84 | 21.10  |
|                                            | HSUPA Subtest-3    | 21.67    | 21.86 | 21.94  |
|                                            | HSUPA Subtest-4    | 20.56    | 20.94 | 20.98  |
|                                            | HSUPA Subtest-5    | 22.59    | 22.86 | 23.08  |
| 3GPP Rel 7                                 | HSPA+              | 20.27    | 20.44 | 20.51  |
| 3GPP Rel 8                                 | DC-HSDPA Subtest-1 | 22.60    | 22.93 | 23.07  |
|                                            | DC-HSDPA Subtest-2 | 22.77    | 22.81 | 22.87  |
|                                            | DC-HSDPA Subtest-3 | 22.16    | 22.36 | 22.41  |
|                                            | DC-HSDPA Subtest-4 | 22.16    | 22.35 | 22.59  |

| Band                                       |                    | WCDMA IV |        |        |
|--------------------------------------------|--------------------|----------|--------|--------|
| TX Channel                                 |                    | 1312     | 1413   | 1513   |
| Frequency (MHz)                            |                    | 1712.4   | 1732.6 | 1752.6 |
| Max. Rated Avg. Power+Max. Tolerance (dBm) |                    | 24.50    |        |        |
| 3GPP Rel 99                                | RMC 12.2Kbps       | 23.21    | 23.08  | 23.19  |
| 3GPP Rel 5                                 | HSDPA Subtest-1    | 23.14    | 22.85  | 23.12  |
|                                            | HSDPA Subtest-2    | 23.01    | 23.01  | 22.94  |
|                                            | HSDPA Subtest-3    | 22.57    | 22.41  | 22.60  |
|                                            | HSDPA Subtest-4    | 22.56    | 22.52  | 22.51  |
| 3GPP Rel 6                                 | HSUPA Subtest-1    | 23.10    | 22.95  | 22.95  |
|                                            | HSUPA Subtest-2    | 20.97    | 21.01  | 20.94  |
|                                            | HSUPA Subtest-3    | 22.01    | 21.88  | 22.02  |
|                                            | HSUPA Subtest-4    | 21.12    | 20.85  | 21.03  |
|                                            | HSUPA Subtest-5    | 23.16    | 22.92  | 22.96  |
| 3GPP Rel 7                                 | HSPA+              | 20.54    | 20.32  | 20.52  |
| 3GPP Rel 8                                 | DC-HSDPA Subtest-1 | 22.95    | 22.92  | 22.92  |
|                                            | DC-HSDPA Subtest-2 | 22.99    | 22.94  | 23.08  |
|                                            | DC-HSDPA Subtest-3 | 22.46    | 22.48  | 22.55  |
|                                            | DC-HSDPA Subtest-4 | 22.52    | 22.39  | 22.43  |

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## Tablet mode

### Ant5

| Band                                       |                    | WCDMA V |       |       |
|--------------------------------------------|--------------------|---------|-------|-------|
| TX Channel                                 |                    | 4132    | 4183  | 4233  |
| Frequency (MHz)                            |                    | 826.4   | 836.6 | 846.6 |
| Max. Rated Avg. Power+Max. Tolerance (dBm) |                    | 18.50   |       |       |
| 3GPP Rel 99                                | RMC 12.2Kbps       | 18.36   | 18.20 | 18.20 |
| 3GPP Rel 5                                 | HSDPA Subtest-1    | 18.25   | 18.09 | 18.00 |
|                                            | HSDPA Subtest-2    | 18.12   | 17.98 | 18.13 |
|                                            | HSDPA Subtest-3    | 17.69   | 17.50 | 17.58 |
|                                            | HSDPA Subtest-4    | 17.65   | 17.65 | 17.53 |
| 3GPP Rel 6                                 | HSUPA Subtest-1    | 18.27   | 18.00 | 18.02 |
|                                            | HSUPA Subtest-2    | 16.15   | 15.92 | 16.05 |
|                                            | HSUPA Subtest-3    | 17.21   | 17.07 | 17.00 |
|                                            | HSUPA Subtest-4    | 16.22   | 16.14 | 15.96 |
|                                            | HSUPA Subtest-5    | 18.14   | 18.08 | 18.09 |
| 3GPP Rel 7                                 | HSPA+              | 15.71   | 15.62 | 15.61 |
| 3GPP Rel 8                                 | DC-HSDPA Subtest-1 | 18.15   | 18.11 | 18.08 |
|                                            | DC-HSDPA Subtest-2 | 18.14   | 18.04 | 18.08 |
|                                            | DC-HSDPA Subtest-3 | 17.58   | 17.61 | 17.43 |
|                                            | DC-HSDPA Subtest-4 | 17.77   | 17.45 | 17.58 |

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## Ant8

| Band                                       |                    | WCDMA II |       |        |
|--------------------------------------------|--------------------|----------|-------|--------|
| TX Channel                                 |                    | 9262     | 9400  | 9538   |
| Frequency (MHz)                            |                    | 1852.4   | 1880  | 1907.6 |
| Max. Rated Avg. Power+Max. Tolerance (dBm) |                    | 16.50    |       |        |
| 3GPP Rel 99                                | RMC 12.2Kbps       | 15.76    | 15.84 | 16.10  |
| 3GPP Rel 5                                 | HSDPA Subtest-1    | 15.59    | 15.64 | 16.01  |
|                                            | HSDPA Subtest-2    | 15.60    | 15.60 | 15.92  |
|                                            | HSDPA Subtest-3    | 15.16    | 15.18 | 15.52  |
|                                            | HSDPA Subtest-4    | 15.11    | 15.20 | 15.41  |
| 3GPP Rel 6                                 | HSUPA Subtest-1    | 15.57    | 15.66 | 15.90  |
|                                            | HSUPA Subtest-2    | 13.60    | 13.56 | 14.01  |
|                                            | HSUPA Subtest-3    | 14.52    | 14.70 | 14.94  |
|                                            | HSUPA Subtest-4    | 13.51    | 13.57 | 14.00  |
|                                            | HSUPA Subtest-5    | 15.62    | 15.76 | 15.99  |
| 3GPP Rel 7                                 | HSPA+              | 13.18    | 13.13 | 13.54  |
| 3GPP Rel 8                                 | DC-HSDPA Subtest-1 | 15.66    | 15.73 | 15.88  |
|                                            | DC-HSDPA Subtest-2 | 15.58    | 15.70 | 16.02  |
|                                            | DC-HSDPA Subtest-3 | 15.04    | 15.05 | 15.46  |
|                                            | DC-HSDPA Subtest-4 | 15.03    | 15.06 | 15.41  |

| Band                                       |                    | WCDMA IV |        |        |
|--------------------------------------------|--------------------|----------|--------|--------|
| TX Channel                                 |                    | 1312     | 1413   | 1513   |
| Frequency (MHz)                            |                    | 1712.4   | 1732.6 | 1752.6 |
| Max. Rated Avg. Power+Max. Tolerance (dBm) |                    | 17.00    |        |        |
| 3GPP Rel 99                                | RMC 12.2Kbps       | 16.25    | 16.15  | 16.26  |
| 3GPP Rel 5                                 | HSDPA Subtest-1    | 16.03    | 16.04  | 16.15  |
|                                            | HSDPA Subtest-2    | 16.19    | 16.12  | 16.03  |
|                                            | HSDPA Subtest-3    | 15.64    | 15.56  | 15.67  |
|                                            | HSDPA Subtest-4    | 15.56    | 15.49  | 15.66  |
| 3GPP Rel 6                                 | HSUPA Subtest-1    | 16.11    | 16.00  | 16.14  |
|                                            | HSUPA Subtest-2    | 14.12    | 14.04  | 14.15  |
|                                            | HSUPA Subtest-3    | 15.04    | 14.91  | 15.08  |
|                                            | HSUPA Subtest-4    | 14.03    | 14.05  | 14.17  |
|                                            | HSUPA Subtest-5    | 15.99    | 16.06  | 16.12  |
| 3GPP Rel 7                                 | HSPA+              | 13.56    | 13.43  | 13.57  |
| 3GPP Rel 8                                 | DC-HSDPA Subtest-1 | 16.06    | 16.11  | 16.08  |
|                                            | DC-HSDPA Subtest-2 | 16.00    | 16.06  | 16.07  |
|                                            | DC-HSDPA Subtest-3 | 15.59    | 15.49  | 15.70  |
|                                            | DC-HSDPA Subtest-4 | 15.63    | 15.45  | 15.53  |

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## 5.2 FDD LTE

### Notebook mode

#### Ant5

| LTE Band 5      |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 829                   | 836.5 | 844   |                                     |                          |
| Channel         |            |         |           | 20450                 | 20525 | 20600 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 23.22                 | 23.08 | 23.01 | 24.00                               | 0                        |
|                 |            | 1       | 25        | 23.05                 | 22.96 | 22.82 | 24.00                               | 0                        |
|                 |            | 1       | 49        | 23.07                 | 22.88 | 22.81 | 24.00                               | 0                        |
|                 |            | 25      | 0         | 22.01                 | 21.95 | 21.89 | 23.00                               | 1                        |
|                 |            | 25      | 12        | 22.09                 | 21.92 | 21.81 | 23.00                               | 1                        |
|                 |            | 25      | 25        | 21.94                 | 21.88 | 21.86 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 22.03                 | 21.90 | 21.82 | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.99                 | 21.96 | 21.90 | 23.00                               | 1                        |
|                 |            | 1       | 25        | 22.19                 | 21.95 | 21.78 | 23.00                               | 1                        |
|                 |            | 1       | 49        | 22.03                 | 21.83 | 21.73 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.07                 | 20.92 | 20.86 | 22.00                               | 2                        |
|                 |            | 25      | 12        | 20.99                 | 21.04 | 20.97 | 22.00                               | 2                        |
|                 |            | 25      | 25        | 21.12                 | 21.01 | 20.78 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 21.06                 | 20.84 | 20.93 | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 21.03                 | 21.00 | 20.81 | 22.00                               | 2                        |
|                 |            | 1       | 25        | 21.08                 | 20.91 | 20.77 | 22.00                               | 2                        |
|                 |            | 1       | 49        | 21.11                 | 20.93 | 20.76 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.02                 | 19.92 | 19.90 | 21.00                               | 3                        |
|                 |            | 25      | 12        | 20.05                 | 20.02 | 19.86 | 21.00                               | 3                        |
|                 |            | 25      | 25        | 20.02                 | 19.93 | 19.89 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 20.15                 | 19.85 | 19.93 | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 20.05                 | 19.93 | 19.87 | 21.00                               | 3                        |
|                 |            | 1       | 25        | 20.14                 | 19.95 | 19.87 | 21.00                               | 3                        |
|                 |            | 1       | 49        | 20.09                 | 19.89 | 19.82 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.02                 | 18.89 | 18.86 | 20.00                               | 4                        |
|                 |            | 25      | 12        | 19.07                 | 18.89 | 18.90 | 20.00                               | 4                        |
|                 |            | 25      | 25        | 19.02                 | 18.93 | 18.86 | 20.00                               | 4                        |
|                 |            | 50      | 0         | 19.03                 | 18.93 | 18.96 | 20.00                               | 4                        |

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| LTE Band 5      |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 826.5                 | 836.5 | 846.5 |                                     |                          |
| Channel         |            |         |           | 20425                 | 20525 | 20625 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 23.11                 | 22.89 | 22.86 | 24.00                               | 0                        |
|                 |            | 1       | 12        | 23.04                 | 22.89 | 22.85 | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.95                 | 22.87 | 22.87 | 24.00                               | 0                        |
|                 |            | 12      | 0         | 21.92                 | 21.88 | 21.80 | 23.00                               | 1                        |
|                 |            | 12      | 6         | 22.04                 | 21.92 | 21.83 | 23.00                               | 1                        |
|                 |            | 12      | 13        | 22.16                 | 21.98 | 21.81 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.97                 | 22.00 | 21.89 | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 22.07                 | 22.00 | 21.86 | 23.00                               | 1                        |
|                 |            | 1       | 12        | 22.08                 | 22.01 | 21.73 | 23.00                               | 1                        |
|                 |            | 1       | 24        | 22.09                 | 22.01 | 21.91 | 23.00                               | 1                        |
|                 |            | 12      | 0         | 21.11                 | 20.91 | 20.88 | 22.00                               | 2                        |
|                 |            | 12      | 6         | 21.09                 | 20.85 | 20.89 | 22.00                               | 2                        |
|                 |            | 12      | 13        | 21.04                 | 20.89 | 20.73 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 21.00                 | 20.88 | 20.82 | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 21.04                 | 20.91 | 20.90 | 22.00                               | 2                        |
|                 |            | 1       | 12        | 21.05                 | 20.91 | 20.83 | 22.00                               | 2                        |
|                 |            | 1       | 24        | 21.02                 | 20.96 | 20.82 | 22.00                               | 2                        |
|                 |            | 12      | 0         | 20.20                 | 19.83 | 19.86 | 21.00                               | 3                        |
|                 |            | 12      | 6         | 20.04                 | 19.90 | 19.79 | 21.00                               | 3                        |
|                 |            | 12      | 13        | 20.06                 | 19.84 | 19.97 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 20.03                 | 19.97 | 19.81 | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.97                 | 19.93 | 19.83 | 21.00                               | 3                        |
|                 |            | 1       | 12        | 20.02                 | 19.95 | 19.92 | 21.00                               | 3                        |
|                 |            | 1       | 24        | 20.01                 | 19.90 | 19.86 | 21.00                               | 3                        |
|                 |            | 12      | 0         | 18.98                 | 18.88 | 18.89 | 20.00                               | 4                        |
|                 |            | 12      | 6         | 19.11                 | 18.95 | 18.79 | 20.00                               | 4                        |
|                 |            | 12      | 13        | 19.07                 | 18.98 | 18.83 | 20.00                               | 4                        |
|                 |            | 25      | 0         | 19.00                 | 18.98 | 18.95 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 825.5                 | 836.5 | 847.5 |                                     |                          |
| Channel         |            |         |           | 20415                 | 20525 | 20635 |                                     |                          |
| 3               | QPSK       | 1       | 0         | 23.09                 | 22.99 | 22.78 | 24.00                               | 0                        |
|                 |            | 1       | 7         | 23.10                 | 23.03 | 22.75 | 24.00                               | 0                        |
|                 |            | 1       | 14        | 23.12                 | 23.05 | 22.84 | 24.00                               | 0                        |
|                 |            | 8       | 0         | 21.95                 | 21.98 | 21.88 | 23.00                               | 1                        |
|                 |            | 8       | 4         | 22.10                 | 22.02 | 21.85 | 23.00                               | 1                        |
|                 |            | 8       | 7         | 22.07                 | 21.97 | 21.84 | 23.00                               | 1                        |
|                 |            | 15      | 0         | 22.04                 | 21.89 | 21.74 | 23.00                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 22.01                 | 21.81 | 21.82 | 23.00                               | 1                        |
|                 |            | 1       | 7         | 21.99                 | 22.01 | 21.80 | 23.00                               | 1                        |
|                 |            | 1       | 14        | 22.04                 | 21.85 | 21.87 | 23.00                               | 1                        |
|                 |            | 8       | 0         | 21.05                 | 21.00 | 20.88 | 22.00                               | 2                        |
|                 |            | 8       | 4         | 21.12                 | 20.94 | 20.79 | 22.00                               | 2                        |
|                 |            | 8       | 7         | 20.96                 | 20.92 | 20.79 | 22.00                               | 2                        |
|                 |            | 15      | 0         | 21.06                 | 20.93 | 20.84 | 22.00                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 20.97                 | 21.03 | 20.84 | 22.00                               | 2                        |
|                 |            | 1       | 7         | 20.97                 | 20.86 | 20.88 | 22.00                               | 2                        |
|                 |            | 1       | 14        | 21.09                 | 20.89 | 20.87 | 22.00                               | 2                        |
|                 |            | 8       | 0         | 20.05                 | 19.88 | 19.93 | 21.00                               | 3                        |
|                 |            | 8       | 4         | 20.03                 | 19.87 | 19.92 | 21.00                               | 3                        |
|                 |            | 8       | 7         | 20.05                 | 20.04 | 19.73 | 21.00                               | 3                        |
|                 |            | 15      | 0         | 20.10                 | 19.89 | 19.78 | 21.00                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 20.00                 | 20.03 | 19.88 | 21.00                               | 3                        |
|                 |            | 1       | 7         | 19.93                 | 19.94 | 19.84 | 21.00                               | 3                        |
|                 |            | 1       | 14        | 20.09                 | 19.94 | 19.97 | 21.00                               | 3                        |
|                 |            | 8       | 0         | 19.02                 | 18.88 | 18.79 | 20.00                               | 4                        |
|                 |            | 8       | 4         | 19.02                 | 18.83 | 18.94 | 20.00                               | 4                        |
|                 |            | 8       | 7         | 19.08                 | 18.97 | 18.73 | 20.00                               | 4                        |
|                 |            | 15      | 0         | 19.01                 | 18.90 | 18.86 | 20.00                               | 4                        |

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| LTE Band 5      |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 824.7                 | 836.5 | 848.3 |                                     |                          |
| Channel         |            |         |           | 20407                 | 20525 | 20643 |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 22.90                 | 22.77 | 22.57 | 24.00                               | 0                        |
|                 |            | 1       | 2         | 22.90                 | 22.84 | 22.66 | 24.00                               | 0                        |
|                 |            | 1       | 5         | 22.90                 | 22.71 | 22.65 | 24.00                               | 0                        |
|                 |            | 3       | 0         | 22.95                 | 22.91 | 22.64 | 24.00                               | 0                        |
|                 |            | 3       | 2         | 22.91                 | 22.87 | 22.65 | 24.00                               | 0                        |
|                 |            | 3       | 3         | 22.95                 | 22.84 | 22.56 | 24.00                               | 0                        |
|                 |            | 6       | 0         | 22.03                 | 21.85 | 21.70 | 23.00                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 21.90                 | 21.90 | 21.69 | 23.00                               | 1                        |
|                 |            | 1       | 2         | 21.94                 | 21.81 | 21.55 | 23.00                               | 1                        |
|                 |            | 1       | 5         | 21.89                 | 21.95 | 21.52 | 23.00                               | 1                        |
|                 |            | 3       | 0         | 21.94                 | 21.80 | 21.69 | 23.00                               | 1                        |
|                 |            | 3       | 2         | 21.90                 | 21.74 | 21.67 | 23.00                               | 1                        |
|                 |            | 3       | 3         | 21.97                 | 21.71 | 21.58 | 23.00                               | 1                        |
|                 |            | 6       | 0         | 20.88                 | 20.78 | 20.62 | 22.00                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 20.87                 | 20.97 | 20.61 | 22.00                               | 2                        |
|                 |            | 1       | 2         | 21.04                 | 20.79 | 20.74 | 22.00                               | 2                        |
|                 |            | 1       | 5         | 20.93                 | 20.73 | 20.69 | 22.00                               | 2                        |
|                 |            | 3       | 0         | 20.89                 | 20.75 | 20.73 | 22.00                               | 2                        |
|                 |            | 3       | 2         | 20.98                 | 20.92 | 20.63 | 22.00                               | 2                        |
|                 |            | 3       | 3         | 20.88                 | 20.75 | 20.54 | 22.00                               | 2                        |
|                 |            | 6       | 0         | 19.88                 | 19.73 | 19.60 | 21.00                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 19.85                 | 19.81 | 19.65 | 21.00                               | 3                        |
|                 |            | 1       | 2         | 19.81                 | 19.78 | 19.56 | 21.00                               | 3                        |
|                 |            | 1       | 5         | 19.92                 | 19.79 | 19.70 | 21.00                               | 3                        |
|                 |            | 3       | 0         | 19.81                 | 19.85 | 19.67 | 21.00                               | 3                        |
|                 |            | 3       | 2         | 19.93                 | 19.81 | 19.59 | 21.00                               | 3                        |
|                 |            | 3       | 3         | 19.99                 | 19.79 | 19.68 | 21.00                               | 3                        |
|                 |            | 6       | 0         | 18.91                 | 18.76 | 18.57 | 20.00                               | 4                        |

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| LTE Band 12     |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 704                   | 707.5 | 711   |                                     |                          |
| Channel         |            |         |           | 23060                 | 23095 | 23130 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 23.05                 | 22.98 | 22.97 | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.85                 | 22.80 | 22.84 | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.76                 | 22.83 | 22.72 | 24.00                               | 0                        |
|                 |            | 25      | 0         | 22.94                 | 22.68 | 22.77 | 23.00                               | 1                        |
|                 |            | 25      | 12        | 22.92                 | 22.85 | 22.68 | 23.00                               | 1                        |
|                 |            | 25      | 25        | 22.90                 | 22.66 | 22.74 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.87                 | 21.75 | 21.91 | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.86                 | 21.79 | 21.83 | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.98                 | 21.75 | 21.80 | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.85                 | 21.76 | 21.76 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.90                 | 21.92 | 21.72 | 22.00                               | 2                        |
|                 |            | 25      | 12        | 21.94                 | 21.75 | 21.80 | 22.00                               | 2                        |
|                 |            | 25      | 25        | 21.81                 | 21.94 | 21.68 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.89                 | 20.72 | 20.90 | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.86                 | 20.80 | 20.70 | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.84                 | 20.87 | 20.70 | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.82                 | 20.79 | 20.82 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.92                 | 20.82 | 20.80 | 21.00                               | 3                        |
|                 |            | 25      | 12        | 20.90                 | 20.78 | 20.85 | 21.00                               | 3                        |
|                 |            | 25      | 25        | 20.93                 | 20.88 | 20.95 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.81                 | 19.92 | 19.90 | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.94                 | 19.95 | 19.78 | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.79                 | 19.75 | 19.88 | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.93                 | 19.80 | 19.79 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.90                 | 19.93 | 19.79 | 20.00                               | 4                        |
|                 |            | 25      | 12        | 19.94                 | 19.85 | 19.74 | 20.00                               | 4                        |
|                 |            | 25      | 25        | 19.93                 | 19.81 | 19.91 | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.93                 | 18.83 | 18.91 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5 | 713.5 |                                     |                          |
| Channel         |            |         |           | 23035                 | 23095 | 23155 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.96                 | 22.77 | 22.67 | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.85                 | 22.80 | 22.84 | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.76                 | 22.83 | 22.72 | 24.00                               | 0                        |
|                 |            | 12      | 0         | 22.94                 | 22.68 | 22.77 | 23.00                               | 1                        |
|                 |            | 12      | 6         | 22.94                 | 22.85 | 22.68 | 23.00                               | 1                        |
|                 |            | 12      | 13        | 22.90                 | 22.68 | 22.74 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.87                 | 21.75 | 21.91 | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.86                 | 21.79 | 21.83 | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.98                 | 21.75 | 21.80 | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.85                 | 21.76 | 21.76 | 23.00                               | 1                        |
|                 |            | 12      | 0         | 21.90                 | 21.92 | 21.72 | 22.00                               | 2                        |
|                 |            | 12      | 6         | 21.94                 | 21.75 | 21.80 | 22.00                               | 2                        |
|                 |            | 12      | 13        | 21.81                 | 21.94 | 21.68 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.89                 | 20.72 | 20.90 | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.86                 | 20.80 | 20.70 | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.84                 | 20.87 | 20.70 | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.82                 | 20.79 | 20.82 | 22.00                               | 2                        |
|                 |            | 12      | 0         | 20.92                 | 20.82 | 20.80 | 21.00                               | 3                        |
|                 |            | 12      | 6         | 20.90                 | 20.78 | 20.85 | 21.00                               | 3                        |
|                 |            | 12      | 13        | 20.93                 | 20.88 | 20.95 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.81                 | 19.92 | 19.90 | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.94                 | 19.95 | 19.78 | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.79                 | 19.75 | 19.88 | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.93                 | 19.80 | 19.79 | 21.00                               | 3                        |
|                 |            | 12      | 0         | 19.90                 | 19.93 | 19.79 | 20.00                               | 4                        |
|                 |            | 12      | 6         | 19.94                 | 19.85 | 19.74 | 20.00                               | 4                        |
|                 |            | 12      | 13        | 19.93                 | 19.81 | 19.91 | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.93                 | 18.83 | 18.91 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 700.5                 | 707.5 | 714.5 |                                     |                          |
| Channel         |            |         |           | 23025                 | 23095 | 23165 |                                     |                          |
| 3               | QPSK       | 1       | 0         | 22.79                 | 22.85 | 22.77 | 24.00                               | 0                        |
|                 |            | 1       | 7         | 23.00                 | 22.88 | 22.81 | 24.00                               | 0                        |
|                 |            | 1       | 14        | 22.82                 | 22.89 | 22.88 | 24.00                               | 0                        |
|                 |            | 8       | 0         | 22.88                 | 22.88 | 22.80 | 23.00                               | 1                        |
|                 |            | 8       | 4         | 22.81                 | 22.87 | 22.82 | 23.00                               | 1                        |
|                 |            | 8       | 7         | 22.92                 | 22.80 | 22.72 | 23.00                               | 1                        |
|                 |            | 15      | 0         | 21.84                 | 21.81 | 21.73 | 23.00                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 21.92                 | 21.91 | 21.75 | 23.00                               | 1                        |
|                 |            | 1       | 7         | 21.85                 | 21.78 | 21.90 | 23.00                               | 1                        |
|                 |            | 1       | 14        | 21.84                 | 21.80 | 21.77 | 23.00                               | 1                        |
|                 |            | 8       | 0         | 21.99                 | 21.89 | 21.89 | 22.00                               | 2                        |
|                 |            | 8       | 4         | 21.88                 | 21.70 | 21.82 | 22.00                               | 2                        |
|                 |            | 8       | 7         | 21.86                 | 21.82 | 21.78 | 22.00                               | 2                        |
|                 |            | 15      | 0         | 20.81                 | 20.92 | 20.89 | 22.00                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 20.99                 | 20.82 | 20.74 | 22.00                               | 2                        |
|                 |            | 1       | 7         | 20.88                 | 20.83 | 20.82 | 22.00                               | 2                        |
|                 |            | 1       | 14        | 20.89                 | 20.84 | 20.73 | 22.00                               | 2                        |
|                 |            | 8       | 0         | 20.93                 | 20.86 | 20.87 | 21.00                               | 3                        |
|                 |            | 8       | 4         | 20.80                 | 20.83 | 20.75 | 21.00                               | 3                        |
|                 |            | 8       | 7         | 20.93                 | 20.74 | 20.95 | 21.00                               | 3                        |
|                 |            | 15      | 0         | 19.82                 | 19.78 | 19.80 | 21.00                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 19.78                 | 19.85 | 19.76 | 21.00                               | 3                        |
|                 |            | 1       | 7         | 19.96                 | 19.80 | 19.77 | 21.00                               | 3                        |
|                 |            | 1       | 14        | 19.98                 | 19.80 | 19.88 | 21.00                               | 3                        |
|                 |            | 8       | 0         | 19.93                 | 19.78 | 19.81 | 20.00                               | 4                        |
|                 |            | 8       | 4         | 19.79                 | 19.78 | 19.77 | 20.00                               | 4                        |
|                 |            | 8       | 7         | 19.92                 | 19.87 | 19.80 | 20.00                               | 4                        |
|                 |            | 15      | 0         | 18.87                 | 18.91 | 18.79 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 699.7                 | 707.5 | 715.3 |                                     |                          |
| Channel         |            |         |           | 23017                 | 23095 | 23173 |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 22.86                 | 22.80 | 22.78 | 24.00                               | 0                        |
|                 |            | 1       | 2         | 22.75                 | 22.86 | 22.79 | 24.00                               | 0                        |
|                 |            | 1       | 5         | 22.88                 | 22.85 | 22.90 | 24.00                               | 0                        |
|                 |            | 3       | 0         | 22.95                 | 22.77 | 22.83 | 24.00                               | 0                        |
|                 |            | 3       | 2         | 22.96                 | 22.77 | 22.78 | 24.00                               | 0                        |
|                 |            | 3       | 3         | 22.89                 | 22.72 | 22.84 | 24.00                               | 0                        |
|                 |            | 6       | 0         | 21.77                 | 21.88 | 21.81 | 23.00                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 21.84                 | 21.83 | 21.85 | 23.00                               | 1                        |
|                 |            | 1       | 2         | 21.94                 | 21.81 | 21.88 | 23.00                               | 1                        |
|                 |            | 1       | 5         | 21.94                 | 21.84 | 21.75 | 23.00                               | 1                        |
|                 |            | 3       | 0         | 21.91                 | 21.91 | 21.88 | 23.00                               | 1                        |
|                 |            | 3       | 2         | 21.91                 | 21.79 | 21.86 | 23.00                               | 1                        |
|                 |            | 3       | 3         | 21.94                 | 21.76 | 21.75 | 23.00                               | 1                        |
|                 |            | 6       | 0         | 21.01                 | 20.84 | 20.74 | 22.00                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 20.79                 | 20.86 | 20.77 | 22.00                               | 2                        |
|                 |            | 1       | 2         | 20.96                 | 20.79 | 20.78 | 22.00                               | 2                        |
|                 |            | 1       | 5         | 20.87                 | 20.68 | 20.82 | 22.00                               | 2                        |
|                 |            | 3       | 0         | 20.89                 | 20.71 | 20.69 | 22.00                               | 2                        |
|                 |            | 3       | 2         | 20.98                 | 20.87 | 20.85 | 22.00                               | 2                        |
|                 |            | 3       | 3         | 21.00                 | 20.78 | 20.73 | 22.00                               | 2                        |
|                 |            | 6       | 0         | 19.77                 | 19.85 | 19.71 | 21.00                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 19.92                 | 19.88 | 19.76 | 21.00                               | 3                        |
|                 |            | 1       | 2         | 19.92                 | 19.90 | 19.88 | 21.00                               | 3                        |
|                 |            | 1       | 5         | 19.86                 | 19.78 | 19.77 | 21.00                               | 3                        |
|                 |            | 3       | 0         | 19.96                 | 19.80 | 19.79 | 21.00                               | 3                        |
|                 |            | 3       | 2         | 19.89                 | 19.82 | 19.75 | 21.00                               | 3                        |
|                 |            | 3       | 3         | 19.85                 | 19.81 | 19.82 | 21.00                               | 3                        |
|                 |            | 6       | 0         | 18.94                 | 18.78 | 18.81 | 20.00                               | 4                        |

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| LTE Band 13     |            |         |           |                       |  |  |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--|--|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |  |  | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 782                   |  |  |                                     |                          |
| Channel         |            |         |           | 23230                 |  |  |                                     |                          |
| 10              | QPSK       | 1       | 0         | 23.05                 |  |  | 24.00                               | 0                        |
|                 |            | 1       | 25        | 23.01                 |  |  | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.88                 |  |  | 24.00                               | 0                        |
|                 |            | 25      | 0         | 22.86                 |  |  | 23.00                               | 1                        |
|                 |            | 25      | 12        | 22.82                 |  |  | 23.00                               | 1                        |
|                 |            | 25      | 25        | 22.80                 |  |  | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.91                 |  |  | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.88                 |  |  | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.84                 |  |  | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.84                 |  |  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.96                 |  |  | 22.00                               | 2                        |
|                 |            | 25      | 12        | 21.87                 |  |  | 22.00                               | 2                        |
|                 |            | 25      | 25        | 21.84                 |  |  | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.99                 |  |  | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.82                 |  |  | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.82                 |  |  | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.88                 |  |  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.76                 |  |  | 21.00                               | 3                        |
|                 |            | 25      | 12        | 20.93                 |  |  | 21.00                               | 3                        |
|                 |            | 25      | 25        | 20.86                 |  |  | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.87                 |  |  | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.81                 |  |  | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.96                 |  |  | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.90                 |  |  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.76                 |  |  | 20.00                               | 4                        |
|                 |            | 25      | 12        | 19.81                 |  |  | 20.00                               | 4                        |
|                 |            | 25      | 25        | 19.84                 |  |  | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.99                 |  |  | 20.00                               | 4                        |

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| LTE Band 13     |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 779.5                 | 782   | 784.5 |                                     |                          |
| Channel         |            |         |           | 23205                 | 23230 | 23255 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.85                 | 22.92 | 22.93 | 24.00                               | 0                        |
|                 |            | 1       | 12        | 23.01                 | 22.95 | 22.87 | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.88                 | 22.94 | 22.79 | 24.00                               | 0                        |
|                 |            | 12      | 0         | 22.86                 | 22.85 | 22.89 | 23.00                               | 1                        |
|                 |            | 12      | 6         | 22.82                 | 22.96 | 22.82 | 23.00                               | 1                        |
|                 |            | 12      | 13        | 22.80                 | 22.91 | 22.86 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.91                 | 21.90 | 21.99 | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.88                 | 21.90 | 21.80 | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.84                 | 21.90 | 21.94 | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.84                 | 21.81 | 21.86 | 23.00                               | 1                        |
|                 |            | 12      | 0         | 21.96                 | 21.77 | 21.88 | 22.00                               | 2                        |
|                 |            | 12      | 6         | 21.87                 | 21.89 | 21.95 | 22.00                               | 2                        |
|                 |            | 12      | 13        | 21.84                 | 21.93 | 21.81 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.99                 | 21.03 | 20.92 | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.82                 | 20.96 | 21.00 | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.82                 | 20.90 | 20.92 | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.88                 | 20.86 | 20.95 | 22.00                               | 2                        |
|                 |            | 12      | 0         | 20.76                 | 20.84 | 20.89 | 21.00                               | 3                        |
|                 |            | 12      | 6         | 20.93                 | 20.90 | 20.86 | 21.00                               | 3                        |
|                 |            | 12      | 13        | 20.86                 | 20.87 | 20.99 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.87                 | 19.84 | 19.83 | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.81                 | 19.81 | 20.00 | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.96                 | 19.76 | 19.87 | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.90                 | 19.85 | 19.84 | 21.00                               | 3                        |
|                 |            | 12      | 0         | 19.76                 | 19.91 | 19.84 | 20.00                               | 4                        |
|                 |            | 12      | 6         | 19.81                 | 19.83 | 19.77 | 20.00                               | 4                        |
|                 |            | 12      | 13        | 19.84                 | 19.92 | 19.89 | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.99                 | 18.94 | 18.94 | 20.00                               | 4                        |

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| LTE Band 14     |            |         |           |                       |  |  |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--|--|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |  |  | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 793                   |  |  |                                     |                          |
| Channel         |            |         |           | 23330                 |  |  |                                     |                          |
| 10              | QPSK       | 1       | 0         | 23.11                 |  |  | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.91                 |  |  | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.90                 |  |  | 24.00                               | 0                        |
|                 |            | 25      | 0         | 22.86                 |  |  | 23.00                               | 1                        |
|                 |            | 25      | 12        | 22.92                 |  |  | 23.00                               | 1                        |
|                 |            | 25      | 25        | 22.96                 |  |  | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.94                 |  |  | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.93                 |  |  | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.90                 |  |  | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.96                 |  |  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.99                 |  |  | 22.00                               | 2                        |
|                 |            | 25      | 12        | 21.95                 |  |  | 22.00                               | 2                        |
|                 |            | 25      | 25        | 21.92                 |  |  | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.91                 |  |  | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.97                 |  |  | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.92                 |  |  | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.96                 |  |  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.87                 |  |  | 21.00                               | 3                        |
|                 |            | 25      | 12        | 20.85                 |  |  | 21.00                               | 3                        |
|                 |            | 25      | 25        | 20.88                 |  |  | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.89                 |  |  | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.97                 |  |  | 21.00                               | 3                        |
|                 |            | 1       | 25        | 20.04                 |  |  | 21.00                               | 3                        |
|                 |            | 1       | 49        | 20.03                 |  |  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.99                 |  |  | 20.00                               | 4                        |
|                 |            | 25      | 12        | 19.95                 |  |  | 20.00                               | 4                        |
|                 |            | 25      | 25        | 19.91                 |  |  | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.83                 |  |  | 20.00                               | 4                        |

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| LTE Band 14     |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 790.5                 | 793   | 795.5 |                                     |                          |
| Channel         |            |         |           | 23305                 | 23330 | 23355 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.88                 | 22.90 | 22.96 | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.98                 | 22.91 | 22.98 | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.91                 | 22.98 | 23.06 | 24.00                               | 0                        |
|                 |            | 12      | 0         | 22.94                 | 22.96 | 22.91 | 23.00                               | 1                        |
|                 |            | 12      | 6         | 22.98                 | 22.94 | 22.95 | 23.00                               | 1                        |
|                 |            | 12      | 13        | 22.97                 | 22.97 | 22.96 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 22.02                 | 21.91 | 21.93 | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.88                 | 21.96 | 21.87 | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.93                 | 21.81 | 21.92 | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.93                 | 21.99 | 21.92 | 23.00                               | 1                        |
|                 |            | 12      | 0         | 21.97                 | 21.94 | 21.87 | 22.00                               | 2                        |
|                 |            | 12      | 6         | 21.97                 | 21.92 | 21.84 | 22.00                               | 2                        |
|                 |            | 12      | 13        | 21.99                 | 21.96 | 21.92 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.90                 | 20.98 | 20.93 | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.84                 | 21.06 | 20.96 | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.96                 | 21.00 | 21.05 | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.94                 | 20.94 | 21.05 | 22.00                               | 2                        |
|                 |            | 12      | 0         | 20.94                 | 20.94 | 20.98 | 21.00                               | 3                        |
|                 |            | 12      | 6         | 20.92                 | 20.97 | 20.94 | 21.00                               | 3                        |
|                 |            | 12      | 13        | 20.92                 | 20.85 | 20.97 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.93                 | 20.00 | 19.93 | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 20.00                 | 20.08 | 19.85 | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.91                 | 20.04 | 19.91 | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.92                 | 19.84 | 20.05 | 21.00                               | 3                        |
|                 |            | 12      | 0         | 19.92                 | 19.89 | 19.90 | 20.00                               | 4                        |
|                 |            | 12      | 6         | 19.96                 | 19.92 | 19.90 | 20.00                               | 4                        |
|                 |            | 12      | 13        | 19.90                 | 19.89 | 19.89 | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.87                 | 18.91 | 18.94 | 20.00                               | 4                        |

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| LTE Band 17     |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 709                   | 710   | 711   |                                     |                          |
| Channel         |            |         |           | 23780                 | 23790 | 23800 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 22.94                 | 22.96 | 22.92 | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.85                 | 22.74 | 22.69 | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.81                 | 22.73 | 22.72 | 24.00                               | 0                        |
|                 |            | 25      | 0         | 22.84                 | 22.77 | 22.81 | 23.00                               | 1                        |
|                 |            | 25      | 12        | 22.72                 | 22.82 | 22.80 | 23.00                               | 1                        |
|                 |            | 25      | 25        | 22.81                 | 22.78 | 22.89 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.80                 | 21.68 | 21.77 | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.76                 | 21.73 | 21.68 | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.79                 | 21.86 | 21.78 | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.70                 | 21.76 | 21.63 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.79                 | 21.82 | 21.85 | 22.00                               | 2                        |
|                 |            | 25      | 12        | 21.75                 | 21.83 | 21.71 | 22.00                               | 2                        |
|                 |            | 25      | 25        | 21.77                 | 21.90 | 21.86 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.74                 | 20.87 | 20.72 | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.80                 | 20.77 | 20.83 | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.85                 | 20.81 | 20.75 | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.79                 | 20.71 | 20.84 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.73                 | 20.81 | 20.73 | 21.00                               | 3                        |
|                 |            | 25      | 12        | 20.77                 | 20.88 | 20.76 | 21.00                               | 3                        |
|                 |            | 25      | 25        | 20.81                 | 20.81 | 20.80 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.82                 | 19.88 | 19.67 | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.83                 | 19.79 | 19.82 | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.74                 | 19.77 | 19.79 | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.75                 | 19.76 | 19.66 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.87                 | 19.78 | 19.81 | 20.00                               | 4                        |
|                 |            | 25      | 12        | 19.75                 | 19.80 | 19.81 | 20.00                               | 4                        |
|                 |            | 25      | 25        | 19.73                 | 19.83 | 19.76 | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.77                 | 18.83 | 18.87 | 20.00                               | 4                        |

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| LTE Band 17     |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 706.5                 | 710   | 713.5 |                                     |                          |
| Channel         |            |         |           | 23755                 | 23790 | 23825 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.74                 | 22.67 | 22.70 | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.79                 | 22.81 | 22.65 | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.74                 | 22.79 | 22.71 | 24.00                               | 0                        |
|                 |            | 12      | 0         | 22.83                 | 22.80 | 22.80 | 23.00                               | 1                        |
|                 |            | 12      | 6         | 22.73                 | 22.86 | 22.70 | 23.00                               | 1                        |
|                 |            | 12      | 13        | 22.82                 | 22.87 | 22.72 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.82                 | 21.71 | 21.72 | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.75                 | 21.81 | 21.78 | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.67                 | 21.79 | 21.74 | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.75                 | 21.79 | 21.73 | 23.00                               | 1                        |
|                 |            | 12      | 0         | 21.79                 | 21.68 | 21.79 | 22.00                               | 2                        |
|                 |            | 12      | 6         | 21.80                 | 21.81 | 21.72 | 22.00                               | 2                        |
|                 |            | 12      | 13        | 21.81                 | 21.78 | 21.67 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.66                 | 20.75 | 20.70 | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.71                 | 20.72 | 20.70 | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.72                 | 20.73 | 20.69 | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.80                 | 20.77 | 20.82 | 22.00                               | 2                        |
|                 |            | 12      | 0         | 20.74                 | 20.78 | 20.79 | 21.00                               | 3                        |
|                 |            | 12      | 6         | 20.75                 | 20.87 | 20.78 | 21.00                               | 3                        |
|                 |            | 12      | 13        | 20.79                 | 20.82 | 20.73 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.92                 | 19.87 | 19.71 | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.75                 | 19.82 | 19.83 | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.78                 | 19.84 | 19.85 | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.79                 | 19.79 | 19.81 | 21.00                               | 3                        |
|                 |            | 12      | 0         | 19.78                 | 19.69 | 19.69 | 20.00                               | 4                        |
|                 |            | 12      | 6         | 19.82                 | 19.82 | 19.74 | 20.00                               | 4                        |
|                 |            | 12      | 13        | 19.78                 | 19.78 | 19.75 | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.84                 | 18.73 | 18.76 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5 | 841.5 |                                     |                          |
| Channel         |            |         |           | 26765                 | 26865 | 26965 |                                     |                          |
| 15              | QPSK       | 1       | 0         | 22.74                 | 22.58 | 22.41 | 24.00                               | 0                        |
|                 |            | 1       | 36        | 22.55                 | 22.43 | 22.27 | 24.00                               | 0                        |
|                 |            | 1       | 74        | 22.56                 | 22.49 | 22.24 | 24.00                               | 0                        |
|                 |            | 36      | 0         | 22.49                 | 22.51 | 22.21 | 23.00                               | 1                        |
|                 |            | 36      | 18        | 22.46                 | 22.39 | 22.31 | 23.00                               | 1                        |
|                 |            | 36      | 37        | 22.57                 | 22.39 | 22.29 | 23.00                               | 1                        |
|                 |            | 75      | 0         | 21.48                 | 21.45 | 21.22 | 23.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 21.52                 | 21.48 | 21.24 | 23.00                               | 1                        |
|                 |            | 1       | 36        | 21.53                 | 21.45 | 21.30 | 23.00                               | 1                        |
|                 |            | 1       | 74        | 21.63                 | 21.40 | 21.22 | 23.00                               | 1                        |
|                 |            | 36      | 0         | 21.65                 | 21.29 | 21.20 | 22.00                               | 2                        |
|                 |            | 36      | 18        | 21.66                 | 21.42 | 21.30 | 22.00                               | 2                        |
|                 |            | 36      | 37        | 21.59                 | 21.44 | 21.26 | 22.00                               | 2                        |
|                 |            | 75      | 0         | 20.54                 | 20.35 | 20.31 | 22.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 20.59                 | 20.50 | 20.18 | 22.00                               | 2                        |
|                 |            | 1       | 36        | 20.58                 | 20.52 | 20.31 | 22.00                               | 2                        |
|                 |            | 1       | 74        | 20.67                 | 20.42 | 20.16 | 22.00                               | 2                        |
|                 |            | 36      | 0         | 20.51                 | 20.35 | 20.19 | 21.00                               | 3                        |
|                 |            | 36      | 18        | 20.53                 | 20.42 | 20.37 | 21.00                               | 3                        |
|                 |            | 36      | 37        | 20.60                 | 20.40 | 20.34 | 21.00                               | 3                        |
|                 |            | 75      | 0         | 19.67                 | 19.31 | 19.30 | 21.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 19.69                 | 19.37 | 19.32 | 21.00                               | 3                        |
|                 |            | 1       | 36        | 19.63                 | 19.46 | 19.20 | 21.00                               | 3                        |
|                 |            | 1       | 74        | 19.55                 | 19.29 | 19.26 | 21.00                               | 3                        |
|                 |            | 36      | 0         | 19.58                 | 19.42 | 19.25 | 20.00                               | 4                        |
|                 |            | 36      | 18        | 19.56                 | 19.41 | 19.29 | 20.00                               | 4                        |
|                 |            | 36      | 37        | 19.54                 | 19.42 | 19.21 | 20.00                               | 4                        |
|                 |            | 75      | 0         | 18.56                 | 18.37 | 18.25 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 819                   | 831.5 | 844   |                                     |                          |
| Channel         |            |         |           | 26740                 | 26865 | 26990 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 22.54                 | 22.34 | 22.17 | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.56                 | 22.38 | 22.33 | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.49                 | 22.39 | 22.30 | 24.00                               | 0                        |
|                 |            | 25      | 0         | 22.59                 | 22.43 | 22.29 | 23.00                               | 1                        |
|                 |            | 25      | 12        | 22.56                 | 22.49 | 22.22 | 23.00                               | 1                        |
|                 |            | 25      | 25        | 22.58                 | 22.48 | 22.37 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.53                 | 21.33 | 21.37 | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.59                 | 21.32 | 21.25 | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.65                 | 21.51 | 21.21 | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.54                 | 21.48 | 21.32 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.45                 | 21.47 | 21.37 | 22.00                               | 2                        |
|                 |            | 25      | 12        | 21.67                 | 21.49 | 21.19 | 22.00                               | 2                        |
|                 |            | 25      | 25        | 21.48                 | 21.50 | 21.17 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.62                 | 20.44 | 20.19 | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.59                 | 20.46 | 20.28 | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.47                 | 20.55 | 20.28 | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.67                 | 20.41 | 20.22 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.57                 | 20.54 | 20.26 | 21.00                               | 3                        |
|                 |            | 25      | 12        | 20.65                 | 20.38 | 20.35 | 21.00                               | 3                        |
|                 |            | 25      | 25        | 20.54                 | 20.51 | 20.36 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.57                 | 19.43 | 19.15 | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.61                 | 19.42 | 19.15 | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.54                 | 19.44 | 19.25 | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.53                 | 19.47 | 19.25 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.54                 | 19.30 | 19.24 | 20.00                               | 4                        |
|                 |            | 25      | 12        | 19.55                 | 19.46 | 19.26 | 20.00                               | 4                        |
|                 |            | 25      | 25        | 19.57                 | 19.50 | 19.28 | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.54                 | 18.32 | 18.16 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5 | 846.5 |                                     |                          |
| Channel         |            |         |           | 26715                 | 26865 | 27015 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.56                 | 22.55 | 22.24 | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.46                 | 22.31 | 22.26 | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.56                 | 22.42 | 22.23 | 24.00                               | 0                        |
|                 |            | 12      | 0         | 22.65                 | 22.44 | 22.37 | 23.00                               | 1                        |
|                 |            | 12      | 6         | 22.54                 | 22.36 | 22.33 | 23.00                               | 1                        |
|                 |            | 12      | 13        | 22.60                 | 22.39 | 22.27 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.68                 | 21.37 | 21.23 | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.60                 | 21.42 | 21.29 | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.60                 | 21.42 | 21.21 | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.59                 | 21.38 | 21.29 | 23.00                               | 1                        |
|                 |            | 12      | 0         | 21.61                 | 21.39 | 21.28 | 22.00                               | 2                        |
|                 |            | 12      | 6         | 21.59                 | 21.45 | 21.17 | 22.00                               | 2                        |
|                 |            | 12      | 13        | 21.55                 | 21.50 | 21.17 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.58                 | 20.41 | 20.21 | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.56                 | 20.55 | 20.26 | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.63                 | 20.35 | 20.24 | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.45                 | 20.40 | 20.23 | 22.00                               | 2                        |
|                 |            | 12      | 0         | 20.48                 | 20.34 | 20.13 | 21.00                               | 3                        |
|                 |            | 12      | 6         | 20.50                 | 20.45 | 20.23 | 21.00                               | 3                        |
|                 |            | 12      | 13        | 20.64                 | 20.32 | 20.21 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.69                 | 19.39 | 19.30 | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.71                 | 19.48 | 19.13 | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.53                 | 19.50 | 19.26 | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.58                 | 19.44 | 19.25 | 21.00                               | 3                        |
|                 |            | 12      | 0         | 19.62                 | 19.38 | 19.23 | 20.00                               | 4                        |
|                 |            | 12      | 6         | 19.57                 | 19.45 | 19.22 | 20.00                               | 4                        |
|                 |            | 12      | 13        | 19.57                 | 19.46 | 19.33 | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.51                 | 18.47 | 18.17 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 815.5                 | 831.5 | 847.5 |                                     |                          |
| Channel         |            |         |           | 26705                 | 26865 | 27025 |                                     |                          |
| 3               | QPSK       | 1       | 0         | 22.60                 | 22.46 | 22.14 | 24.00                               | 0                        |
|                 |            | 1       | 7         | 22.66                 | 22.50 | 22.14 | 24.00                               | 0                        |
|                 |            | 1       | 14        | 22.50                 | 22.44 | 22.28 | 24.00                               | 0                        |
|                 |            | 8       | 0         | 22.65                 | 22.53 | 22.23 | 23.00                               | 1                        |
|                 |            | 8       | 4         | 22.46                 | 22.50 | 22.23 | 23.00                               | 1                        |
|                 |            | 8       | 7         | 22.55                 | 22.43 | 22.23 | 23.00                               | 1                        |
|                 |            | 15      | 0         | 21.65                 | 21.40 | 21.35 | 23.00                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 21.58                 | 21.36 | 21.32 | 23.00                               | 1                        |
|                 |            | 1       | 7         | 21.67                 | 21.39 | 21.27 | 23.00                               | 1                        |
|                 |            | 1       | 14        | 21.60                 | 21.50 | 21.33 | 23.00                               | 1                        |
|                 |            | 8       | 0         | 21.58                 | 21.45 | 21.26 | 22.00                               | 2                        |
|                 |            | 8       | 4         | 21.51                 | 21.34 | 21.22 | 22.00                               | 2                        |
|                 |            | 8       | 7         | 21.57                 | 21.49 | 21.22 | 22.00                               | 2                        |
|                 |            | 15      | 0         | 20.63                 | 20.43 | 20.23 | 22.00                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 20.48                 | 20.51 | 20.33 | 22.00                               | 2                        |
|                 |            | 1       | 7         | 20.58                 | 20.56 | 20.30 | 22.00                               | 2                        |
|                 |            | 1       | 14        | 20.61                 | 20.44 | 20.29 | 22.00                               | 2                        |
|                 |            | 8       | 0         | 20.65                 | 20.44 | 20.19 | 21.00                               | 3                        |
|                 |            | 8       | 4         | 20.67                 | 20.47 | 20.38 | 21.00                               | 3                        |
|                 |            | 8       | 7         | 20.50                 | 20.43 | 20.16 | 21.00                               | 3                        |
|                 |            | 15      | 0         | 19.50                 | 19.45 | 19.28 | 21.00                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 19.59                 | 19.43 | 19.31 | 21.00                               | 3                        |
|                 |            | 1       | 7         | 19.64                 | 19.49 | 19.28 | 21.00                               | 3                        |
|                 |            | 1       | 14        | 19.59                 | 19.43 | 19.30 | 21.00                               | 3                        |
|                 |            | 8       | 0         | 19.71                 | 19.45 | 19.38 | 20.00                               | 4                        |
|                 |            | 8       | 4         | 19.64                 | 19.42 | 19.18 | 20.00                               | 4                        |
|                 |            | 8       | 7         | 19.56                 | 19.43 | 19.22 | 20.00                               | 4                        |
|                 |            | 15      | 0         | 18.59                 | 18.40 | 18.26 | 20.00                               | 4                        |

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| LTE Band 26_FCC |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 814.7                 | 831.5 | 848.3 |                                     |                          |
| Channel         |            |         |           | 26697                 | 26865 | 27033 |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 22.56                 | 22.51 | 22.35 | 24.00                               | 0                        |
|                 |            | 1       | 2         | 22.45                 | 22.39 | 22.36 | 24.00                               | 0                        |
|                 |            | 1       | 5         | 22.64                 | 22.51 | 22.21 | 24.00                               | 0                        |
|                 |            | 3       | 0         | 22.53                 | 22.41 | 22.29 | 24.00                               | 0                        |
|                 |            | 3       | 2         | 22.61                 | 22.32 | 22.37 | 24.00                               | 0                        |
|                 |            | 3       | 3         | 22.61                 | 22.42 | 22.37 | 24.00                               | 0                        |
|                 |            | 6       | 0         | 21.61                 | 21.41 | 21.25 | 23.00                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 21.50                 | 21.53 | 21.23 | 23.00                               | 1                        |
|                 |            | 1       | 2         | 21.62                 | 21.32 | 21.26 | 23.00                               | 1                        |
|                 |            | 1       | 5         | 21.59                 | 21.43 | 21.34 | 23.00                               | 1                        |
|                 |            | 3       | 0         | 21.62                 | 21.40 | 21.30 | 23.00                               | 1                        |
|                 |            | 3       | 2         | 21.57                 | 21.47 | 21.22 | 23.00                               | 1                        |
|                 |            | 3       | 3         | 21.60                 | 21.34 | 21.25 | 23.00                               | 1                        |
|                 |            | 6       | 0         | 20.67                 | 20.44 | 20.30 | 22.00                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 20.51                 | 20.40 | 20.21 | 22.00                               | 2                        |
|                 |            | 1       | 2         | 20.63                 | 20.46 | 20.33 | 22.00                               | 2                        |
|                 |            | 1       | 5         | 20.63                 | 20.52 | 20.31 | 22.00                               | 2                        |
|                 |            | 3       | 0         | 20.57                 | 20.44 | 20.21 | 22.00                               | 2                        |
|                 |            | 3       | 2         | 20.63                 | 20.34 | 20.28 | 22.00                               | 2                        |
|                 |            | 3       | 3         | 20.59                 | 20.49 | 20.32 | 22.00                               | 2                        |
|                 |            | 6       | 0         | 19.51                 | 19.41 | 19.36 | 21.00                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 19.57                 | 19.45 | 19.25 | 21.00                               | 3                        |
|                 |            | 1       | 2         | 19.48                 | 19.52 | 19.29 | 21.00                               | 3                        |
|                 |            | 1       | 5         | 19.58                 | 19.46 | 19.24 | 21.00                               | 3                        |
|                 |            | 3       | 0         | 19.47                 | 19.50 | 19.18 | 21.00                               | 3                        |
|                 |            | 3       | 2         | 19.64                 | 19.45 | 19.17 | 21.00                               | 3                        |
|                 |            | 3       | 3         | 19.56                 | 19.30 | 19.25 | 21.00                               | 3                        |
|                 |            | 6       | 0         | 18.63                 | 18.39 | 18.30 | 20.00                               | 4                        |

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| LTE Band 71     |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 673                   | 680.5  | 688    |                                     |                          |
| Channel         |            |         |           | 133222                | 133297 | 133372 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 23.04                 | 23.01  | 22.96  | 24.00                               | 0                        |
|                 |            | 1       | 50        | 22.82                 | 22.90  | 22.78  | 24.00                               | 0                        |
|                 |            | 1       | 99        | 22.80                 | 22.84  | 22.86  | 24.00                               | 0                        |
|                 |            | 50      | 0         | 22.78                 | 22.83  | 22.76  | 23.00                               | 1                        |
|                 |            | 50      | 25        | 22.87                 | 22.91  | 22.71  | 23.00                               | 1                        |
|                 |            | 50      | 50        | 22.97                 | 22.76  | 22.68  | 23.00                               | 1                        |
|                 |            | 100     | 0         | 21.80                 | 21.87  | 21.86  | 23.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 21.78                 | 21.80  | 21.87  | 23.00                               | 1                        |
|                 |            | 1       | 50        | 21.97                 | 21.76  | 21.74  | 23.00                               | 1                        |
|                 |            | 1       | 99        | 21.82                 | 21.82  | 21.71  | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.83                 | 21.94  | 21.75  | 22.00                               | 2                        |
|                 |            | 50      | 25        | 21.79                 | 21.89  | 21.84  | 22.00                               | 2                        |
|                 |            | 50      | 50        | 21.91                 | 21.90  | 21.75  | 22.00                               | 2                        |
|                 |            | 100     | 0         | 20.93                 | 20.77  | 20.81  | 22.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 20.90                 | 20.80  | 20.83  | 22.00                               | 2                        |
|                 |            | 1       | 50        | 20.87                 | 20.86  | 20.91  | 22.00                               | 2                        |
|                 |            | 1       | 99        | 20.84                 | 20.84  | 20.82  | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.83                 | 20.75  | 20.79  | 21.00                               | 3                        |
|                 |            | 50      | 25        | 20.84                 | 20.94  | 20.74  | 21.00                               | 3                        |
|                 |            | 50      | 50        | 20.84                 | 20.86  | 20.82  | 21.00                               | 3                        |
|                 |            | 100     | 0         | 19.88                 | 19.80  | 19.89  | 21.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 19.87                 | 19.80  | 19.82  | 21.00                               | 3                        |
|                 |            | 1       | 50        | 19.94                 | 19.81  | 19.75  | 21.00                               | 3                        |
|                 |            | 1       | 99        | 19.85                 | 19.81  | 19.88  | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.94                 | 19.92  | 19.88  | 20.00                               | 4                        |
|                 |            | 50      | 25        | 19.93                 | 19.97  | 19.69  | 20.00                               | 4                        |
|                 |            | 50      | 50        | 19.86                 | 19.91  | 19.76  | 20.00                               | 4                        |
|                 |            | 100     | 0         | 18.93                 | 18.86  | 18.77  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5  | 690.5  |                                     |                          |
| Channel         |            |         |           | 133197                | 133297 | 133397 |                                     |                          |
| 15              | QPSK       | 1       | 0         | 22.97                 | 22.89  | 22.79  | 24.00                               | 0                        |
|                 |            | 1       | 36        | 22.99                 | 22.85  | 22.73  | 24.00                               | 0                        |
|                 |            | 1       | 74        | 23.02                 | 22.91  | 22.73  | 24.00                               | 0                        |
|                 |            | 36      | 0         | 22.93                 | 22.84  | 22.73  | 23.00                               | 1                        |
|                 |            | 36      | 18        | 22.89                 | 22.85  | 22.82  | 23.00                               | 1                        |
|                 |            | 36      | 37        | 22.85                 | 22.89  | 22.83  | 23.00                               | 1                        |
|                 |            | 75      | 0         | 21.77                 | 21.87  | 21.74  | 23.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 21.96                 | 21.88  | 21.81  | 23.00                               | 1                        |
|                 |            | 1       | 36        | 21.87                 | 21.91  | 21.67  | 23.00                               | 1                        |
|                 |            | 1       | 74        | 21.89                 | 21.85  | 21.71  | 23.00                               | 1                        |
|                 |            | 36      | 0         | 21.95                 | 21.88  | 21.85  | 22.00                               | 2                        |
|                 |            | 36      | 18        | 21.82                 | 21.85  | 21.82  | 22.00                               | 2                        |
|                 |            | 36      | 37        | 21.80                 | 21.81  | 21.83  | 22.00                               | 2                        |
|                 |            | 75      | 0         | 20.86                 | 20.76  | 20.70  | 22.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 20.91                 | 20.86  | 20.93  | 22.00                               | 2                        |
|                 |            | 1       | 36        | 20.83                 | 20.84  | 20.70  | 22.00                               | 2                        |
|                 |            | 1       | 74        | 20.89                 | 20.95  | 20.80  | 22.00                               | 2                        |
|                 |            | 36      | 0         | 20.89                 | 20.80  | 20.88  | 21.00                               | 3                        |
|                 |            | 36      | 18        | 20.89                 | 20.81  | 20.92  | 21.00                               | 3                        |
|                 |            | 36      | 37        | 20.83                 | 20.93  | 20.72  | 21.00                               | 3                        |
|                 |            | 75      | 0         | 19.77                 | 19.79  | 19.87  | 21.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 19.84                 | 19.89  | 19.85  | 21.00                               | 3                        |
|                 |            | 1       | 36        | 19.83                 | 19.86  | 19.69  | 21.00                               | 3                        |
|                 |            | 1       | 74        | 19.86                 | 19.84  | 19.79  | 21.00                               | 3                        |
|                 |            | 36      | 0         | 19.91                 | 19.87  | 19.86  | 20.00                               | 4                        |
|                 |            | 36      | 18        | 19.85                 | 19.84  | 19.86  | 20.00                               | 4                        |
|                 |            | 36      | 37        | 19.99                 | 19.78  | 19.90  | 20.00                               | 4                        |
|                 |            | 75      | 0         | 18.86                 | 18.89  | 18.93  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 668                   | 680.5  | 693    |                                     |                          |
| Channel         |            |         |           | 133172                | 133297 | 133422 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 22.86                 | 22.85  | 22.78  | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.99                 | 22.86  | 22.85  | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.86                 | 22.89  | 22.81  | 24.00                               | 0                        |
|                 |            | 25      | 0         | 22.89                 | 22.88  | 22.84  | 23.00                               | 1                        |
|                 |            | 25      | 12        | 22.81                 | 22.99  | 22.88  | 23.00                               | 1                        |
|                 |            | 25      | 25        | 22.95                 | 22.88  | 22.83  | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.83                 | 21.83  | 21.80  | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.93                 | 21.91  | 21.74  | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.93                 | 21.87  | 21.78  | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.89                 | 21.86  | 21.77  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.86                 | 21.88  | 21.79  | 22.00                               | 2                        |
|                 |            | 25      | 12        | 21.92                 | 21.89  | 21.89  | 22.00                               | 2                        |
|                 |            | 25      | 25        | 21.93                 | 21.87  | 21.78  | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.88                 | 20.86  | 20.78  | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.80                 | 20.93  | 20.81  | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.86                 | 20.77  | 20.71  | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.89                 | 20.79  | 20.91  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.96                 | 20.82  | 20.89  | 21.00                               | 3                        |
|                 |            | 25      | 12        | 20.90                 | 20.93  | 20.86  | 21.00                               | 3                        |
|                 |            | 25      | 25        | 20.90                 | 20.88  | 20.77  | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.89                 | 19.85  | 19.79  | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.85                 | 19.85  | 19.74  | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.84                 | 19.86  | 19.90  | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.80                 | 19.80  | 19.73  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.89                 | 19.87  | 19.79  | 20.00                               | 4                        |
|                 |            | 25      | 12        | 19.87                 | 19.86  | 19.76  | 20.00                               | 4                        |
|                 |            | 25      | 25        | 19.91                 | 19.81  | 19.80  | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.85                 | 18.91  | 18.71  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5  | 695.5  |                                     |                          |
| Channel         |            |         |           | 133147                | 133297 | 133447 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.92                 | 22.81  | 22.91  | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.89                 | 22.81  | 22.80  | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.95                 | 22.92  | 22.84  | 24.00                               | 0                        |
|                 |            | 12      | 0         | 22.92                 | 22.89  | 22.89  | 23.00                               | 1                        |
|                 |            | 12      | 6         | 22.81                 | 22.88  | 22.81  | 23.00                               | 1                        |
|                 |            | 12      | 13        | 22.88                 | 22.89  | 22.74  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.91                 | 21.91  | 21.66  | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.96                 | 21.82  | 21.78  | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.86                 | 21.80  | 21.80  | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.98                 | 21.86  | 21.78  | 23.00                               | 1                        |
|                 |            | 12      | 0         | 21.88                 | 21.95  | 21.89  | 22.00                               | 2                        |
|                 |            | 12      | 6         | 21.95                 | 21.77  | 21.77  | 22.00                               | 2                        |
|                 |            | 12      | 13        | 21.85                 | 21.90  | 21.92  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.96                 | 20.86  | 20.84  | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.89                 | 20.84  | 20.87  | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.88                 | 20.99  | 20.76  | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.86                 | 20.81  | 20.77  | 22.00                               | 2                        |
|                 |            | 12      | 0         | 20.91                 | 20.77  | 20.73  | 21.00                               | 3                        |
|                 |            | 12      | 6         | 20.86                 | 20.84  | 20.69  | 21.00                               | 3                        |
|                 |            | 12      | 13        | 20.83                 | 20.87  | 20.89  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.80                 | 19.90  | 19.72  | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.81                 | 19.85  | 19.91  | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.77                 | 19.79  | 19.80  | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.89                 | 19.83  | 19.80  | 21.00                               | 3                        |
|                 |            | 12      | 0         | 19.81                 | 19.73  | 19.85  | 20.00                               | 4                        |
|                 |            | 12      | 6         | 19.94                 | 19.89  | 19.79  | 20.00                               | 4                        |
|                 |            | 12      | 13        | 19.93                 | 19.78  | 19.82  | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.88                 | 18.76  | 18.76  | 20.00                               | 4                        |

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## Ant8

| LTE Band 2      |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1860                  | 1880  | 1900  |                                     |                          |
| Channel         |            |         |           | 18700                 | 18900 | 19100 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 22.40                 | 22.70 | 22.76 | 24.00                               | 0                        |
|                 |            | 1       | 50        | 22.17                 | 22.60 | 22.53 | 24.00                               | 0                        |
|                 |            | 1       | 99        | 22.29                 | 22.50 | 22.61 | 24.00                               | 0                        |
|                 |            | 50      | 0         | 22.26                 | 22.47 | 22.56 | 23.00                               | 1                        |
|                 |            | 50      | 25        | 22.28                 | 22.58 | 22.60 | 23.00                               | 1                        |
|                 |            | 50      | 50        | 22.12                 | 22.45 | 22.54 | 23.00                               | 1                        |
|                 |            | 100     | 0         | 21.32                 | 21.48 | 21.69 | 23.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 21.25                 | 21.53 | 21.61 | 23.00                               | 1                        |
|                 |            | 1       | 50        | 21.25                 | 21.63 | 21.69 | 23.00                               | 1                        |
|                 |            | 1       | 99        | 21.17                 | 21.49 | 21.57 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.30                 | 21.49 | 21.58 | 22.00                               | 2                        |
|                 |            | 50      | 25        | 21.30                 | 21.51 | 21.65 | 22.00                               | 2                        |
|                 |            | 50      | 50        | 21.18                 | 21.62 | 21.64 | 22.00                               | 2                        |
|                 |            | 100     | 0         | 20.19                 | 20.55 | 20.54 | 22.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 20.31                 | 20.56 | 20.52 | 22.00                               | 2                        |
|                 |            | 1       | 50        | 20.23                 | 20.55 | 20.50 | 22.00                               | 2                        |
|                 |            | 1       | 99        | 20.33                 | 20.44 | 20.52 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.20                 | 20.62 | 20.58 | 21.00                               | 3                        |
|                 |            | 50      | 25        | 20.21                 | 20.55 | 20.53 | 21.00                               | 3                        |
|                 |            | 50      | 50        | 20.24                 | 20.61 | 20.58 | 21.00                               | 3                        |
|                 |            | 100     | 0         | 19.20                 | 19.52 | 19.61 | 21.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 19.23                 | 19.43 | 19.64 | 21.00                               | 3                        |
|                 |            | 1       | 50        | 19.26                 | 19.60 | 19.58 | 21.00                               | 3                        |
|                 |            | 1       | 99        | 19.28                 | 19.54 | 19.68 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.20                 | 19.59 | 19.57 | 20.00                               | 4                        |
|                 |            | 50      | 25        | 19.11                 | 19.61 | 19.51 | 20.00                               | 4                        |
|                 |            | 50      | 50        | 19.17                 | 19.56 | 19.54 | 20.00                               | 4                        |
|                 |            | 100     | 0         | 18.22                 | 18.63 | 18.67 | 20.00                               | 4                        |

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| LTE Band 2      |            |         |           |                       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1857.5                | 1880  | 1902.5 |                                     |                          |
| Channel         |            |         |           | 18675                 | 18900 | 19125  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 22.31                 | 22.58 | 22.62  | 24.00                               | 0                        |
|                 |            | 1       | 36        | 22.32                 | 22.52 | 22.50  | 24.00                               | 0                        |
|                 |            | 1       | 74        | 22.28                 | 22.53 | 22.51  | 24.00                               | 0                        |
|                 |            | 36      | 0         | 22.26                 | 22.56 | 22.66  | 23.00                               | 1                        |
|                 |            | 36      | 18        | 22.26                 | 22.40 | 22.58  | 23.00                               | 1                        |
|                 |            | 36      | 37        | 22.28                 | 22.57 | 22.61  | 23.00                               | 1                        |
|                 |            | 75      | 0         | 21.25                 | 21.52 | 21.65  | 23.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 21.36                 | 21.55 | 21.69  | 23.00                               | 1                        |
|                 |            | 1       | 36        | 21.33                 | 21.49 | 21.64  | 23.00                               | 1                        |
|                 |            | 1       | 74        | 21.17                 | 21.60 | 21.65  | 23.00                               | 1                        |
|                 |            | 36      | 0         | 21.30                 | 21.63 | 21.63  | 22.00                               | 2                        |
|                 |            | 36      | 18        | 21.28                 | 21.55 | 21.70  | 22.00                               | 2                        |
|                 |            | 36      | 37        | 21.20                 | 21.41 | 21.46  | 22.00                               | 2                        |
|                 |            | 75      | 0         | 20.16                 | 20.56 | 20.47  | 22.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 20.29                 | 20.65 | 20.68  | 22.00                               | 2                        |
|                 |            | 1       | 36        | 20.12                 | 20.41 | 20.62  | 22.00                               | 2                        |
|                 |            | 1       | 74        | 20.13                 | 20.56 | 20.57  | 22.00                               | 2                        |
|                 |            | 36      | 0         | 20.29                 | 20.59 | 20.48  | 21.00                               | 3                        |
|                 |            | 36      | 18        | 20.33                 | 20.61 | 20.67  | 21.00                               | 3                        |
|                 |            | 36      | 37        | 20.30                 | 20.53 | 20.60  | 21.00                               | 3                        |
|                 |            | 75      | 0         | 19.17                 | 19.60 | 19.55  | 21.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 19.21                 | 19.55 | 19.68  | 21.00                               | 3                        |
|                 |            | 1       | 36        | 19.26                 | 19.48 | 19.63  | 21.00                               | 3                        |
|                 |            | 1       | 74        | 19.13                 | 19.55 | 19.53  | 21.00                               | 3                        |
|                 |            | 36      | 0         | 19.22                 | 19.50 | 19.65  | 20.00                               | 4                        |
|                 |            | 36      | 18        | 19.19                 | 19.54 | 19.59  | 20.00                               | 4                        |
|                 |            | 36      | 37        | 19.26                 | 19.47 | 19.61  | 20.00                               | 4                        |
|                 |            | 75      | 0         | 18.16                 | 18.57 | 18.69  | 20.00                               | 4                        |

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| LTE Band 2      |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1855                  | 1880  | 1905  |                                     |                          |
| Channel         |            |         |           | 18650                 | 18900 | 19150 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 22.25                 | 22.59 | 22.72 | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.27                 | 22.56 | 22.63 | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.22                 | 22.49 | 22.65 | 24.00                               | 0                        |
|                 |            | 25      | 0         | 22.20                 | 22.54 | 22.53 | 23.00                               | 1                        |
|                 |            | 25      | 12        | 22.22                 | 22.55 | 22.64 | 23.00                               | 1                        |
|                 |            | 25      | 25        | 22.22                 | 22.62 | 22.56 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.20                 | 21.51 | 21.63 | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.29                 | 21.63 | 21.61 | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.20                 | 21.66 | 21.61 | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.10                 | 21.51 | 21.64 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.29                 | 21.59 | 21.53 | 22.00                               | 2                        |
|                 |            | 25      | 12        | 21.30                 | 21.52 | 21.47 | 22.00                               | 2                        |
|                 |            | 25      | 25        | 21.30                 | 21.51 | 21.64 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.19                 | 20.63 | 20.54 | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.17                 | 20.55 | 20.61 | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.19                 | 20.58 | 20.50 | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.24                 | 20.58 | 20.46 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.25                 | 20.49 | 20.58 | 21.00                               | 3                        |
|                 |            | 25      | 12        | 20.13                 | 20.53 | 20.64 | 21.00                               | 3                        |
|                 |            | 25      | 25        | 20.24                 | 20.61 | 20.54 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.30                 | 19.63 | 19.57 | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.19                 | 19.42 | 19.66 | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.26                 | 19.55 | 19.53 | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.20                 | 19.53 | 19.63 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.26                 | 19.52 | 19.63 | 20.00                               | 4                        |
|                 |            | 25      | 12        | 19.23                 | 19.52 | 19.67 | 20.00                               | 4                        |
|                 |            | 25      | 25        | 19.22                 | 19.60 | 19.62 | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.28                 | 18.58 | 18.58 | 20.00                               | 4                        |

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| LTE Band 2      |            |         |           |                       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1852.5                | 1880  | 1907.5 |                                     |                          |
| Channel         |            |         |           | 18625                 | 18900 | 19175  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.25                 | 22.56 | 22.66  | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.36                 | 22.54 | 22.51  | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.16                 | 22.54 | 22.53  | 24.00                               | 0                        |
|                 |            | 12      | 0         | 22.31                 | 22.50 | 22.50  | 23.00                               | 1                        |
|                 |            | 12      | 6         | 22.31                 | 22.59 | 22.69  | 23.00                               | 1                        |
|                 |            | 12      | 13        | 22.17                 | 22.63 | 22.64  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.13                 | 21.54 | 21.68  | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.26                 | 21.57 | 21.66  | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.17                 | 21.55 | 21.52  | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.22                 | 21.63 | 21.54  | 23.00                               | 1                        |
|                 |            | 12      | 0         | 21.32                 | 21.61 | 21.53  | 22.00                               | 2                        |
|                 |            | 12      | 6         | 21.29                 | 21.57 | 21.67  | 22.00                               | 2                        |
|                 |            | 12      | 13        | 21.27                 | 21.43 | 21.58  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.33                 | 20.57 | 20.61  | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.25                 | 20.53 | 20.60  | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.20                 | 20.61 | 20.59  | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.18                 | 20.51 | 20.47  | 22.00                               | 2                        |
|                 |            | 12      | 0         | 20.34                 | 20.57 | 20.50  | 21.00                               | 3                        |
|                 |            | 12      | 6         | 20.36                 | 20.54 | 20.54  | 21.00                               | 3                        |
|                 |            | 12      | 13        | 20.19                 | 20.45 | 20.62  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.24                 | 19.53 | 19.65  | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.29                 | 19.49 | 19.55  | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.32                 | 19.55 | 19.61  | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.17                 | 19.63 | 19.69  | 21.00                               | 3                        |
|                 |            | 12      | 0         | 19.23                 | 19.44 | 19.66  | 20.00                               | 4                        |
|                 |            | 12      | 6         | 19.13                 | 19.63 | 19.55  | 20.00                               | 4                        |
|                 |            | 12      | 13        | 19.23                 | 19.57 | 19.66  | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.21                 | 18.56 | 18.57  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1851.5                | 1880  | 1908.5 |                                     |                          |
| Channel         |            |         |           | 18615                 | 18900 | 19185  |                                     |                          |
| 3               | QPSK       | 1       | 0         | 22.22                 | 22.41 | 22.61  | 24.00                               | 0                        |
|                 |            | 1       | 7         | 22.29                 | 22.57 | 22.49  | 24.00                               | 0                        |
|                 |            | 1       | 14        | 22.17                 | 22.57 | 22.54  | 24.00                               | 0                        |
|                 |            | 8       | 0         | 22.25                 | 22.57 | 22.63  | 23.00                               | 1                        |
|                 |            | 8       | 4         | 22.35                 | 22.44 | 22.53  | 23.00                               | 1                        |
|                 |            | 8       | 7         | 22.29                 | 22.65 | 22.51  | 23.00                               | 1                        |
|                 |            | 15      | 0         | 21.25                 | 21.45 | 21.62  | 23.00                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 21.13                 | 21.58 | 21.62  | 23.00                               | 1                        |
|                 |            | 1       | 7         | 21.29                 | 21.53 | 21.62  | 23.00                               | 1                        |
|                 |            | 1       | 14        | 21.36                 | 21.46 | 21.62  | 23.00                               | 1                        |
|                 |            | 8       | 0         | 21.26                 | 21.56 | 21.52  | 22.00                               | 2                        |
|                 |            | 8       | 4         | 21.26                 | 21.48 | 21.58  | 22.00                               | 2                        |
|                 |            | 8       | 7         | 21.25                 | 21.45 | 21.52  | 22.00                               | 2                        |
|                 |            | 15      | 0         | 20.26                 | 20.60 | 20.51  | 22.00                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 20.33                 | 20.58 | 20.71  | 22.00                               | 2                        |
|                 |            | 1       | 7         | 20.28                 | 20.56 | 20.62  | 22.00                               | 2                        |
|                 |            | 1       | 14        | 20.24                 | 20.53 | 20.57  | 22.00                               | 2                        |
|                 |            | 8       | 0         | 20.23                 | 20.52 | 20.59  | 21.00                               | 3                        |
|                 |            | 8       | 4         | 20.32                 | 20.47 | 20.59  | 21.00                               | 3                        |
|                 |            | 8       | 7         | 20.38                 | 20.55 | 20.49  | 21.00                               | 3                        |
|                 |            | 15      | 0         | 19.24                 | 19.61 | 19.59  | 21.00                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 19.21                 | 19.44 | 19.54  | 21.00                               | 3                        |
|                 |            | 1       | 7         | 19.23                 | 19.51 | 19.52  | 21.00                               | 3                        |
|                 |            | 1       | 14        | 19.25                 | 19.55 | 19.59  | 21.00                               | 3                        |
|                 |            | 8       | 0         | 19.27                 | 19.51 | 19.61  | 20.00                               | 4                        |
|                 |            | 8       | 4         | 19.27                 | 19.57 | 19.69  | 20.00                               | 4                        |
|                 |            | 8       | 7         | 19.29                 | 19.55 | 19.57  | 20.00                               | 4                        |
|                 |            | 15      | 0         | 18.26                 | 18.61 | 18.65  | 20.00                               | 4                        |

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| LTE Band 2      |            |         |           |                       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1850.7                | 1880  | 1909.3 |                                     |                          |
| Channel         |            |         |           | 18607                 | 18900 | 19193  |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 22.21                 | 22.59 | 22.49  | 24.00                               | 0                        |
|                 |            | 1       | 2         | 22.30                 | 22.45 | 22.56  | 24.00                               | 0                        |
|                 |            | 1       | 5         | 22.17                 | 22.62 | 22.69  | 24.00                               | 0                        |
|                 |            | 3       | 0         | 22.27                 | 22.47 | 22.65  | 24.00                               | 0                        |
|                 |            | 3       | 2         | 22.25                 | 22.63 | 22.54  | 24.00                               | 0                        |
|                 |            | 3       | 3         | 22.29                 | 22.52 | 22.54  | 24.00                               | 0                        |
|                 |            | 6       | 0         | 21.28                 | 21.45 | 21.61  | 23.00                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 21.19                 | 21.53 | 21.60  | 23.00                               | 1                        |
|                 |            | 1       | 2         | 21.14                 | 21.64 | 21.52  | 23.00                               | 1                        |
|                 |            | 1       | 5         | 21.28                 | 21.54 | 21.62  | 23.00                               | 1                        |
|                 |            | 3       | 0         | 21.17                 | 21.44 | 21.61  | 23.00                               | 1                        |
|                 |            | 3       | 2         | 21.30                 | 21.48 | 21.66  | 23.00                               | 1                        |
|                 |            | 3       | 3         | 21.37                 | 21.55 | 21.53  | 23.00                               | 1                        |
|                 |            | 6       | 0         | 20.15                 | 20.59 | 20.55  | 22.00                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 20.13                 | 20.48 | 20.67  | 22.00                               | 2                        |
|                 |            | 1       | 2         | 20.33                 | 20.50 | 20.52  | 22.00                               | 2                        |
|                 |            | 1       | 5         | 20.29                 | 20.56 | 20.54  | 22.00                               | 2                        |
|                 |            | 3       | 0         | 20.29                 | 20.63 | 20.63  | 22.00                               | 2                        |
|                 |            | 3       | 2         | 20.28                 | 20.57 | 20.59  | 22.00                               | 2                        |
|                 |            | 3       | 3         | 20.28                 | 20.57 | 20.59  | 22.00                               | 2                        |
|                 |            | 6       | 0         | 19.18                 | 19.51 | 19.55  | 21.00                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 19.28                 | 19.46 | 19.67  | 21.00                               | 3                        |
|                 |            | 1       | 2         | 19.14                 | 19.49 | 19.53  | 21.00                               | 3                        |
|                 |            | 1       | 5         | 19.25                 | 19.67 | 19.52  | 21.00                               | 3                        |
|                 |            | 3       | 0         | 19.33                 | 19.52 | 19.65  | 21.00                               | 3                        |
|                 |            | 3       | 2         | 19.19                 | 19.49 | 19.65  | 21.00                               | 3                        |
|                 |            | 3       | 3         | 19.31                 | 19.49 | 19.63  | 21.00                               | 3                        |
|                 |            | 6       | 0         | 18.30                 | 18.59 | 18.53  | 20.00                               | 4                        |

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| LTE Band 4      |            |         |           |                       |        |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1720                  | 1732.5 | 1745  |                                     |                          |
| Channel         |            |         |           | 20050                 | 20175  | 20300 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 22.87                 | 22.73  | 22.81 | 24.00                               | 0                        |
|                 |            | 1       | 50        | 22.74                 | 22.55  | 22.62 | 24.00                               | 0                        |
|                 |            | 1       | 99        | 22.72                 | 22.60  | 22.70 | 24.00                               | 0                        |
|                 |            | 50      | 0         | 22.62                 | 22.67  | 22.71 | 23.00                               | 1                        |
|                 |            | 50      | 25        | 22.67                 | 22.56  | 22.57 | 23.00                               | 1                        |
|                 |            | 50      | 50        | 22.73                 | 22.52  | 22.60 | 23.00                               | 1                        |
|                 |            | 100     | 0         | 21.78                 | 21.58  | 21.62 | 23.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 21.59                 | 21.49  | 21.69 | 23.00                               | 1                        |
|                 |            | 1       | 50        | 21.68                 | 21.63  | 21.63 | 23.00                               | 1                        |
|                 |            | 1       | 99        | 21.76                 | 21.54  | 21.71 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.64                 | 21.51  | 21.67 | 22.00                               | 2                        |
|                 |            | 50      | 25        | 21.78                 | 21.57  | 21.68 | 22.00                               | 2                        |
|                 |            | 50      | 50        | 21.80                 | 21.47  | 21.68 | 22.00                               | 2                        |
|                 |            | 100     | 0         | 20.75                 | 20.55  | 20.73 | 22.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 20.78                 | 20.50  | 20.55 | 22.00                               | 2                        |
|                 |            | 1       | 50        | 20.68                 | 20.67  | 20.58 | 22.00                               | 2                        |
|                 |            | 1       | 99        | 20.75                 | 20.58  | 20.70 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.82                 | 20.67  | 20.61 | 21.00                               | 3                        |
|                 |            | 50      | 25        | 20.67                 | 20.56  | 20.67 | 21.00                               | 3                        |
|                 |            | 50      | 50        | 20.80                 | 20.60  | 20.75 | 21.00                               | 3                        |
|                 |            | 100     | 0         | 19.71                 | 19.64  | 19.75 | 21.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 19.60                 | 19.66  | 19.64 | 21.00                               | 3                        |
|                 |            | 1       | 50        | 19.75                 | 19.58  | 19.61 | 21.00                               | 3                        |
|                 |            | 1       | 99        | 19.69                 | 19.49  | 19.74 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.71                 | 19.64  | 19.66 | 20.00                               | 4                        |
|                 |            | 50      | 25        | 19.81                 | 19.61  | 19.58 | 20.00                               | 4                        |
|                 |            | 50      | 50        | 19.71                 | 19.48  | 19.71 | 20.00                               | 4                        |
|                 |            | 100     | 0         | 18.62                 | 18.59  | 18.71 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1717.5                | 1732.5 | 1747.5 |                                     |                          |
| Channel         |            |         |           | 20025                 | 20175  | 20325  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 22.72                 | 22.60  | 22.68  | 24.00                               | 0                        |
|                 |            | 1       | 36        | 22.68                 | 22.55  | 22.61  | 24.00                               | 0                        |
|                 |            | 1       | 74        | 22.69                 | 22.55  | 22.64  | 24.00                               | 0                        |
|                 |            | 36      | 0         | 22.63                 | 22.68  | 22.60  | 23.00                               | 1                        |
|                 |            | 36      | 18        | 22.76                 | 22.59  | 22.60  | 23.00                               | 1                        |
|                 |            | 36      | 37        | 22.71                 | 22.58  | 22.58  | 23.00                               | 1                        |
|                 |            | 75      | 0         | 21.83                 | 21.53  | 21.66  | 23.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 21.65                 | 21.48  | 21.55  | 23.00                               | 1                        |
|                 |            | 1       | 36        | 21.61                 | 21.52  | 21.64  | 23.00                               | 1                        |
|                 |            | 1       | 74        | 21.64                 | 21.55  | 21.56  | 23.00                               | 1                        |
|                 |            | 36      | 0         | 21.82                 | 21.52  | 21.64  | 22.00                               | 2                        |
|                 |            | 36      | 18        | 21.67                 | 21.60  | 21.60  | 22.00                               | 2                        |
|                 |            | 36      | 37        | 21.59                 | 21.48  | 21.65  | 22.00                               | 2                        |
|                 |            | 75      | 0         | 20.60                 | 20.51  | 20.69  | 22.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 20.75                 | 20.62  | 20.54  | 22.00                               | 2                        |
|                 |            | 1       | 36        | 20.59                 | 20.61  | 20.65  | 22.00                               | 2                        |
|                 |            | 1       | 74        | 20.69                 | 20.58  | 20.59  | 22.00                               | 2                        |
|                 |            | 36      | 0         | 20.68                 | 20.61  | 20.61  | 21.00                               | 3                        |
|                 |            | 36      | 18        | 20.73                 | 20.57  | 20.72  | 21.00                               | 3                        |
|                 |            | 36      | 37        | 20.66                 | 20.56  | 20.68  | 21.00                               | 3                        |
|                 |            | 75      | 0         | 19.63                 | 19.45  | 19.66  | 21.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 19.61                 | 19.46  | 19.55  | 21.00                               | 3                        |
|                 |            | 1       | 36        | 19.83                 | 19.64  | 19.64  | 21.00                               | 3                        |
|                 |            | 1       | 74        | 19.64                 | 19.58  | 19.62  | 21.00                               | 3                        |
|                 |            | 36      | 0         | 19.71                 | 19.61  | 19.66  | 20.00                               | 4                        |
|                 |            | 36      | 18        | 19.62                 | 19.49  | 19.75  | 20.00                               | 4                        |
|                 |            | 36      | 37        | 19.76                 | 19.48  | 19.68  | 20.00                               | 4                        |
|                 |            | 75      | 0         | 18.65                 | 18.52  | 18.60  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1715                  | 1732.5 | 1750  |                                     |                          |
| Channel         |            |         |           | 20000                 | 20175  | 20350 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 22.79                 | 22.61  | 22.64 | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.63                 | 22.66  | 22.71 | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.76                 | 22.49  | 22.68 | 24.00                               | 0                        |
|                 |            | 25      | 0         | 22.67                 | 22.58  | 22.68 | 23.00                               | 1                        |
|                 |            | 25      | 12        | 22.67                 | 22.48  | 22.73 | 23.00                               | 1                        |
|                 |            | 25      | 25        | 22.73                 | 22.48  | 22.63 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.74                 | 21.67  | 21.64 | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.69                 | 21.52  | 21.64 | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.72                 | 21.66  | 21.63 | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.74                 | 21.60  | 21.65 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.63                 | 21.54  | 21.70 | 22.00                               | 2                        |
|                 |            | 25      | 12        | 21.74                 | 21.55  | 21.63 | 22.00                               | 2                        |
|                 |            | 25      | 25        | 21.72                 | 21.58  | 21.59 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.70                 | 20.62  | 20.71 | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.81                 | 20.66  | 20.61 | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.68                 | 20.63  | 20.53 | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.62                 | 20.53  | 20.65 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.68                 | 20.54  | 20.63 | 21.00                               | 3                        |
|                 |            | 25      | 12        | 20.71                 | 20.63  | 20.62 | 21.00                               | 3                        |
|                 |            | 25      | 25        | 20.80                 | 20.52  | 20.70 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.70                 | 19.63  | 19.58 | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.77                 | 19.56  | 19.62 | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.72                 | 19.58  | 19.54 | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.60                 | 19.45  | 19.69 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.75                 | 19.67  | 19.59 | 20.00                               | 4                        |
|                 |            | 25      | 12        | 19.78                 | 19.50  | 19.58 | 20.00                               | 4                        |
|                 |            | 25      | 25        | 19.72                 | 19.44  | 19.60 | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.70                 | 18.54  | 18.68 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1712.5                | 1732.5 | 1752.5 |                                     |                          |
| Channel         |            |         |           | 19975                 | 20175  | 20375  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.74                 | 22.64  | 22.67  | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.75                 | 22.63  | 22.66  | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.71                 | 22.57  | 22.61  | 24.00                               | 0                        |
|                 |            | 12      | 0         | 22.66                 | 22.58  | 22.79  | 23.00                               | 1                        |
|                 |            | 12      | 6         | 22.81                 | 22.48  | 22.71  | 23.00                               | 1                        |
|                 |            | 12      | 13        | 22.74                 | 22.58  | 22.70  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.82                 | 21.56  | 21.55  | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.80                 | 21.64  | 21.67  | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.68                 | 21.53  | 21.69  | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.61                 | 21.56  | 21.79  | 23.00                               | 1                        |
|                 |            | 12      | 0         | 21.63                 | 21.45  | 21.63  | 22.00                               | 2                        |
|                 |            | 12      | 6         | 21.72                 | 21.64  | 21.62  | 22.00                               | 2                        |
|                 |            | 12      | 13        | 21.71                 | 21.46  | 21.64  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.61                 | 20.61  | 20.61  | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.67                 | 20.50  | 20.68  | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.76                 | 20.61  | 20.63  | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.70                 | 20.57  | 20.71  | 22.00                               | 2                        |
|                 |            | 12      | 0         | 20.73                 | 20.65  | 20.71  | 21.00                               | 3                        |
|                 |            | 12      | 6         | 20.70                 | 20.50  | 20.67  | 21.00                               | 3                        |
|                 |            | 12      | 13        | 20.59                 | 20.66  | 20.60  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.72                 | 19.57  | 19.70  | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.74                 | 19.51  | 19.69  | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.78                 | 19.51  | 19.56  | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.73                 | 19.64  | 19.64  | 21.00                               | 3                        |
|                 |            | 12      | 0         | 19.70                 | 19.58  | 19.65  | 20.00                               | 4                        |
|                 |            | 12      | 6         | 19.67                 | 19.63  | 19.59  | 20.00                               | 4                        |
|                 |            | 12      | 13        | 19.76                 | 19.65  | 19.64  | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.75                 | 18.54  | 18.55  | 20.00                               | 4                        |

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| LTE Band 4      |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1711.5                | 1732.5 | 1753.5 |                                     |                          |
| Channel         |            |         |           | 19965                 | 20175  | 20385  |                                     |                          |
| 3               | QPSK       | 1       | 0         | 22.80                 | 22.53  | 22.57  | 24.00                               | 0                        |
|                 |            | 1       | 7         | 22.77                 | 22.68  | 22.64  | 24.00                               | 0                        |
|                 |            | 1       | 14        | 22.73                 | 22.66  | 22.67  | 24.00                               | 0                        |
|                 |            | 8       | 0         | 22.64                 | 22.53  | 22.76  | 23.00                               | 1                        |
|                 |            | 8       | 4         | 22.63                 | 22.57  | 22.63  | 23.00                               | 1                        |
|                 |            | 8       | 7         | 22.67                 | 22.50  | 22.64  | 23.00                               | 1                        |
|                 |            | 15      | 0         | 21.71                 | 21.62  | 21.62  | 23.00                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 21.69                 | 21.69  | 21.64  | 23.00                               | 1                        |
|                 |            | 1       | 7         | 21.67                 | 21.66  | 21.69  | 23.00                               | 1                        |
|                 |            | 1       | 14        | 21.69                 | 21.70  | 21.72  | 23.00                               | 1                        |
|                 |            | 8       | 0         | 21.69                 | 21.50  | 21.52  | 22.00                               | 2                        |
|                 |            | 8       | 4         | 21.73                 | 21.60  | 21.73  | 22.00                               | 2                        |
|                 |            | 8       | 7         | 21.77                 | 21.60  | 21.68  | 22.00                               | 2                        |
|                 |            | 15      | 0         | 20.77                 | 20.55  | 20.62  | 22.00                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 20.68                 | 20.62  | 20.72  | 22.00                               | 2                        |
|                 |            | 1       | 7         | 20.77                 | 20.53  | 20.61  | 22.00                               | 2                        |
|                 |            | 1       | 14        | 20.62                 | 20.49  | 20.73  | 22.00                               | 2                        |
|                 |            | 8       | 0         | 20.75                 | 20.60  | 20.52  | 21.00                               | 3                        |
|                 |            | 8       | 4         | 20.69                 | 20.54  | 20.55  | 21.00                               | 3                        |
|                 |            | 8       | 7         | 20.72                 | 20.57  | 20.58  | 21.00                               | 3                        |
|                 |            | 15      | 0         | 19.77                 | 19.64  | 19.71  | 21.00                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 19.73                 | 19.68  | 19.60  | 21.00                               | 3                        |
|                 |            | 1       | 7         | 19.78                 | 19.51  | 19.65  | 21.00                               | 3                        |
|                 |            | 1       | 14        | 19.69                 | 19.57  | 19.70  | 21.00                               | 3                        |
|                 |            | 8       | 0         | 19.74                 | 19.66  | 19.58  | 20.00                               | 4                        |
|                 |            | 8       | 4         | 19.65                 | 19.50  | 19.65  | 20.00                               | 4                        |
|                 |            | 8       | 7         | 19.68                 | 19.48  | 19.55  | 20.00                               | 4                        |
|                 |            | 15      | 0         | 18.70                 | 18.54  | 18.65  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1710.7                | 1732.5 | 1754.3 |                                     |                          |
| Channel         |            |         |           | 19957                 | 20175  | 20393  |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 22.63                 | 22.68  | 22.64  | 24.00                               | 0                        |
|                 |            | 1       | 2         | 22.68                 | 22.51  | 22.66  | 24.00                               | 0                        |
|                 |            | 1       | 5         | 22.71                 | 22.65  | 22.60  | 24.00                               | 0                        |
|                 |            | 3       | 0         | 22.68                 | 22.54  | 22.72  | 24.00                               | 0                        |
|                 |            | 3       | 2         | 22.71                 | 22.56  | 22.54  | 24.00                               | 0                        |
|                 |            | 3       | 3         | 22.65                 | 22.49  | 22.67  | 24.00                               | 0                        |
|                 |            | 6       | 0         | 21.71                 | 21.66  | 21.69  | 23.00                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 21.73                 | 21.67  | 21.59  | 23.00                               | 1                        |
|                 |            | 1       | 2         | 21.63                 | 21.51  | 21.77  | 23.00                               | 1                        |
|                 |            | 1       | 5         | 21.59                 | 21.66  | 21.68  | 23.00                               | 1                        |
|                 |            | 3       | 0         | 21.70                 | 21.52  | 21.65  | 23.00                               | 1                        |
|                 |            | 3       | 2         | 21.69                 | 21.58  | 21.62  | 23.00                               | 1                        |
|                 |            | 3       | 3         | 21.60                 | 21.62  | 21.69  | 23.00                               | 1                        |
|                 |            | 6       | 0         | 20.84                 | 20.60  | 20.56  | 22.00                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 20.83                 | 20.61  | 20.59  | 22.00                               | 2                        |
|                 |            | 1       | 2         | 20.80                 | 20.67  | 20.65  | 22.00                               | 2                        |
|                 |            | 1       | 5         | 20.64                 | 20.50  | 20.73  | 22.00                               | 2                        |
|                 |            | 3       | 0         | 20.66                 | 20.52  | 20.58  | 22.00                               | 2                        |
|                 |            | 3       | 2         | 20.74                 | 20.55  | 20.69  | 22.00                               | 2                        |
|                 |            | 3       | 3         | 20.67                 | 20.57  | 20.71  | 22.00                               | 2                        |
|                 |            | 6       | 0         | 19.70                 | 19.51  | 19.65  | 21.00                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 19.63                 | 19.57  | 19.56  | 21.00                               | 3                        |
|                 |            | 1       | 2         | 19.75                 | 19.68  | 19.69  | 21.00                               | 3                        |
|                 |            | 1       | 5         | 19.70                 | 19.50  | 19.60  | 21.00                               | 3                        |
|                 |            | 3       | 0         | 19.81                 | 19.55  | 19.61  | 21.00                               | 3                        |
|                 |            | 3       | 2         | 19.74                 | 19.58  | 19.73  | 21.00                               | 3                        |
|                 |            | 3       | 3         | 19.84                 | 19.51  | 19.55  | 21.00                               | 3                        |
|                 |            | 6       | 0         | 18.68                 | 18.58  | 18.75  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2510                  | 2535  | 2560  |                                     |                          |
| Channel         |            |         |           | 20850                 | 21100 | 21350 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 22.71                 | 22.80 | 22.84 | 24.00                               | 0                        |
|                 |            | 1       | 50        | 22.62                 | 22.53 | 22.67 | 24.00                               | 0                        |
|                 |            | 1       | 99        | 22.55                 | 22.51 | 22.68 | 24.00                               | 0                        |
|                 |            | 50      | 0         | 22.58                 | 22.61 | 22.72 | 23.00                               | 1                        |
|                 |            | 50      | 25        | 22.67                 | 22.64 | 22.75 | 23.00                               | 1                        |
|                 |            | 50      | 50        | 22.51                 | 22.77 | 22.55 | 23.00                               | 1                        |
|                 |            | 100     | 0         | 21.52                 | 21.54 | 21.67 | 23.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 21.55                 | 21.71 | 21.59 | 23.00                               | 1                        |
|                 |            | 1       | 50        | 21.57                 | 21.63 | 21.70 | 23.00                               | 1                        |
|                 |            | 1       | 99        | 21.54                 | 21.69 | 21.76 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.55                 | 21.65 | 21.54 | 22.00                               | 2                        |
|                 |            | 50      | 25        | 21.60                 | 21.59 | 21.59 | 22.00                               | 2                        |
|                 |            | 50      | 50        | 21.59                 | 21.59 | 21.73 | 22.00                               | 2                        |
|                 |            | 100     | 0         | 20.41                 | 20.60 | 20.74 | 22.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 20.47                 | 20.69 | 20.67 | 22.00                               | 2                        |
|                 |            | 1       | 50        | 20.52                 | 20.67 | 20.57 | 22.00                               | 2                        |
|                 |            | 1       | 99        | 20.54                 | 20.62 | 20.78 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.51                 | 20.59 | 20.60 | 21.00                               | 3                        |
|                 |            | 50      | 25        | 20.53                 | 20.68 | 20.63 | 21.00                               | 3                        |
|                 |            | 50      | 50        | 20.53                 | 20.66 | 20.65 | 21.00                               | 3                        |
|                 |            | 100     | 0         | 19.62                 | 19.54 | 19.68 | 21.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 19.60                 | 19.60 | 19.66 | 21.00                               | 3                        |
|                 |            | 1       | 50        | 19.59                 | 19.68 | 19.77 | 21.00                               | 3                        |
|                 |            | 1       | 99        | 19.55                 | 19.69 | 19.67 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.56                 | 19.72 | 19.69 | 20.00                               | 4                        |
|                 |            | 50      | 25        | 19.54                 | 19.58 | 19.70 | 20.00                               | 4                        |
|                 |            | 50      | 50        | 19.48                 | 19.68 | 19.60 | 20.00                               | 4                        |
|                 |            | 100     | 0         | 18.46                 | 18.63 | 18.64 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2507.5                | 2535  | 2562.5 |                                     |                          |
| Channel         |            |         |           | 20825                 | 21100 | 21375  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 22.45                 | 22.61 | 22.78  | 24.00                               | 0                        |
|                 |            | 1       | 36        | 22.63                 | 22.63 | 22.65  | 24.00                               | 0                        |
|                 |            | 1       | 74        | 22.59                 | 22.67 | 22.72  | 24.00                               | 0                        |
|                 |            | 36      | 0         | 22.50                 | 22.71 | 22.68  | 23.00                               | 1                        |
|                 |            | 36      | 18        | 22.55                 | 22.73 | 22.68  | 23.00                               | 1                        |
|                 |            | 36      | 37        | 22.52                 | 22.63 | 22.75  | 23.00                               | 1                        |
|                 |            | 75      | 0         | 21.57                 | 21.65 | 21.62  | 23.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 21.52                 | 21.72 | 21.74  | 23.00                               | 1                        |
|                 |            | 1       | 36        | 21.57                 | 21.70 | 21.62  | 23.00                               | 1                        |
|                 |            | 1       | 74        | 21.65                 | 21.74 | 21.64  | 23.00                               | 1                        |
|                 |            | 36      | 0         | 21.57                 | 21.67 | 21.57  | 22.00                               | 2                        |
|                 |            | 36      | 18        | 21.58                 | 21.68 | 21.74  | 22.00                               | 2                        |
|                 |            | 36      | 37        | 21.60                 | 21.57 | 21.61  | 22.00                               | 2                        |
|                 |            | 75      | 0         | 20.49                 | 20.55 | 20.68  | 22.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 20.60                 | 20.74 | 20.68  | 22.00                               | 2                        |
|                 |            | 1       | 36        | 20.51                 | 20.57 | 20.67  | 22.00                               | 2                        |
|                 |            | 1       | 74        | 20.51                 | 20.64 | 20.72  | 22.00                               | 2                        |
|                 |            | 36      | 0         | 20.51                 | 20.68 | 20.59  | 21.00                               | 3                        |
|                 |            | 36      | 18        | 20.43                 | 20.73 | 20.60  | 21.00                               | 3                        |
|                 |            | 36      | 37        | 20.49                 | 20.53 | 20.74  | 21.00                               | 3                        |
|                 |            | 75      | 0         | 19.55                 | 19.69 | 19.64  | 21.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 19.61                 | 19.59 | 19.73  | 21.00                               | 3                        |
|                 |            | 1       | 36        | 19.54                 | 19.58 | 19.72  | 21.00                               | 3                        |
|                 |            | 1       | 74        | 19.59                 | 19.58 | 19.59  | 21.00                               | 3                        |
|                 |            | 36      | 0         | 19.46                 | 19.65 | 19.71  | 20.00                               | 4                        |
|                 |            | 36      | 18        | 19.54                 | 19.66 | 19.65  | 20.00                               | 4                        |
|                 |            | 36      | 37        | 19.58                 | 19.57 | 19.67  | 20.00                               | 4                        |
|                 |            | 75      | 0         | 18.55                 | 18.58 | 18.79  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2505                  | 2535  | 2565  |                                     |                          |
| Channel         |            |         |           | 20800                 | 21100 | 21400 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 22.58                 | 22.53 | 22.74 | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.48                 | 22.65 | 22.77 | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.61                 | 22.72 | 22.74 | 24.00                               | 0                        |
|                 |            | 25      | 0         | 22.51                 | 22.63 | 22.65 | 23.00                               | 1                        |
|                 |            | 25      | 12        | 22.50                 | 22.56 | 22.72 | 23.00                               | 1                        |
|                 |            | 25      | 25        | 22.58                 | 22.55 | 22.74 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.56                 | 21.61 | 21.57 | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.55                 | 21.52 | 21.67 | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.63                 | 21.57 | 21.74 | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.41                 | 21.63 | 21.61 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.54                 | 21.63 | 21.62 | 22.00                               | 2                        |
|                 |            | 25      | 12        | 21.55                 | 21.69 | 21.73 | 22.00                               | 2                        |
|                 |            | 25      | 25        | 21.59                 | 21.67 | 21.58 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.51                 | 20.66 | 20.63 | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.65                 | 20.60 | 20.79 | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.53                 | 20.64 | 20.59 | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.47                 | 20.60 | 20.70 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.53                 | 20.59 | 20.64 | 21.00                               | 3                        |
|                 |            | 25      | 12        | 20.66                 | 20.57 | 20.71 | 21.00                               | 3                        |
|                 |            | 25      | 25        | 20.58                 | 20.74 | 20.79 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.60                 | 19.65 | 19.60 | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.48                 | 19.58 | 19.64 | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.55                 | 19.64 | 19.76 | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.56                 | 19.67 | 19.70 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.52                 | 19.56 | 19.74 | 20.00                               | 4                        |
|                 |            | 25      | 12        | 19.65                 | 19.62 | 19.71 | 20.00                               | 4                        |
|                 |            | 25      | 25        | 19.53                 | 19.67 | 19.68 | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.50                 | 18.71 | 18.71 | 20.00                               | 4                        |

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| LTE Band 7      |            |         |           |                       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2502.5                | 2535  | 2567.5 |                                     |                          |
| Channel         |            |         |           | 20775                 | 21100 | 21425  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.54                 | 22.53 | 22.76  | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.42                 | 22.66 | 22.61  | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.49                 | 22.68 | 22.68  | 24.00                               | 0                        |
|                 |            | 12      | 0         | 22.60                 | 22.57 | 22.70  | 23.00                               | 1                        |
|                 |            | 12      | 6         | 22.59                 | 22.62 | 22.66  | 23.00                               | 1                        |
|                 |            | 12      | 13        | 22.61                 | 22.63 | 22.79  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.61                 | 21.60 | 21.79  | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.64                 | 21.75 | 21.61  | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.45                 | 21.56 | 21.64  | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.59                 | 21.67 | 21.68  | 23.00                               | 1                        |
|                 |            | 12      | 0         | 21.44                 | 21.68 | 21.65  | 22.00                               | 2                        |
|                 |            | 12      | 6         | 21.59                 | 21.58 | 21.63  | 22.00                               | 2                        |
|                 |            | 12      | 13        | 21.55                 | 21.69 | 21.62  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.46                 | 20.60 | 20.79  | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.54                 | 20.61 | 20.75  | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.61                 | 20.52 | 20.64  | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.53                 | 20.60 | 20.63  | 22.00                               | 2                        |
|                 |            | 12      | 0         | 20.53                 | 20.72 | 20.61  | 21.00                               | 3                        |
|                 |            | 12      | 6         | 20.55                 | 20.53 | 20.76  | 21.00                               | 3                        |
|                 |            | 12      | 13        | 20.56                 | 20.63 | 20.74  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.50                 | 19.63 | 19.71  | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.46                 | 19.60 | 19.74  | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.65                 | 19.68 | 19.54  | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.53                 | 19.54 | 19.74  | 21.00                               | 3                        |
|                 |            | 12      | 0         | 19.52                 | 19.62 | 19.63  | 20.00                               | 4                        |
|                 |            | 12      | 6         | 19.44                 | 19.57 | 19.70  | 20.00                               | 4                        |
|                 |            | 12      | 13        | 19.59                 | 19.66 | 19.65  | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.57                 | 18.65 | 18.69  | 20.00                               | 4                        |

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| LTE Band 25     |            |         |           |                       |        |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5 | 1905  |                                     |                          |
| Channel         |            |         |           | 26140                 | 26365  | 26590 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 22.56                 | 22.90  | 23.01 | 24.00                               | 0                        |
|                 |            | 1       | 50        | 22.36                 | 22.80  | 22.97 | 24.00                               | 0                        |
|                 |            | 1       | 99        | 22.53                 | 22.71  | 22.81 | 24.00                               | 0                        |
|                 |            | 50      | 0         | 22.26                 | 22.70  | 22.84 | 23.00                               | 1                        |
|                 |            | 50      | 25        | 22.42                 | 22.87  | 22.78 | 23.00                               | 1                        |
|                 |            | 50      | 50        | 22.46                 | 22.76  | 22.87 | 23.00                               | 1                        |
|                 |            | 100     | 0         | 21.49                 | 21.68  | 21.79 | 23.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 21.35                 | 21.82  | 21.75 | 23.00                               | 1                        |
|                 |            | 1       | 50        | 21.45                 | 21.83  | 21.78 | 23.00                               | 1                        |
|                 |            | 1       | 99        | 21.41                 | 21.74  | 21.89 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.35                 | 21.68  | 21.86 | 22.00                               | 2                        |
|                 |            | 50      | 25        | 21.43                 | 21.84  | 21.96 | 22.00                               | 2                        |
|                 |            | 50      | 50        | 21.45                 | 21.79  | 21.98 | 22.00                               | 2                        |
|                 |            | 100     | 0         | 20.47                 | 20.70  | 20.94 | 22.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 20.42                 | 20.69  | 20.88 | 22.00                               | 2                        |
|                 |            | 1       | 50        | 20.50                 | 20.79  | 20.99 | 22.00                               | 2                        |
|                 |            | 1       | 99        | 20.48                 | 20.62  | 20.91 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.39                 | 20.86  | 20.82 | 21.00                               | 3                        |
|                 |            | 50      | 25        | 20.47                 | 20.77  | 20.90 | 21.00                               | 3                        |
|                 |            | 50      | 50        | 20.29                 | 20.81  | 20.80 | 21.00                               | 3                        |
|                 |            | 100     | 0         | 19.37                 | 19.68  | 19.86 | 21.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 19.43                 | 19.77  | 19.89 | 21.00                               | 3                        |
|                 |            | 1       | 50        | 19.43                 | 19.76  | 19.89 | 21.00                               | 3                        |
|                 |            | 1       | 99        | 19.39                 | 19.84  | 19.76 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.28                 | 19.81  | 19.97 | 20.00                               | 4                        |
|                 |            | 50      | 25        | 19.43                 | 19.72  | 19.84 | 20.00                               | 4                        |
|                 |            | 50      | 50        | 19.39                 | 19.78  | 19.77 | 20.00                               | 4                        |
|                 |            | 100     | 0         | 18.48                 | 18.76  | 18.91 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5 | 1907.5 |                                     |                          |
| Channel         |            |         |           | 26115                 | 26365  | 26615  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 22.48                 | 22.71  | 22.93  | 24.00                               | 0                        |
|                 |            | 1       | 36        | 22.31                 | 22.61  | 22.86  | 24.00                               | 0                        |
|                 |            | 1       | 74        | 22.38                 | 22.78  | 22.90  | 24.00                               | 0                        |
|                 |            | 36      | 0         | 22.33                 | 22.68  | 22.88  | 23.00                               | 1                        |
|                 |            | 36      | 18        | 22.50                 | 22.84  | 22.89  | 23.00                               | 1                        |
|                 |            | 36      | 37        | 22.36                 | 22.79  | 22.84  | 23.00                               | 1                        |
|                 |            | 75      | 0         | 21.35                 | 21.73  | 21.86  | 23.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 21.30                 | 21.68  | 21.90  | 23.00                               | 1                        |
|                 |            | 1       | 36        | 21.40                 | 21.79  | 21.85  | 23.00                               | 1                        |
|                 |            | 1       | 74        | 21.41                 | 21.82  | 21.92  | 23.00                               | 1                        |
|                 |            | 36      | 0         | 21.39                 | 21.79  | 21.76  | 22.00                               | 2                        |
|                 |            | 36      | 18        | 21.41                 | 21.68  | 21.92  | 22.00                               | 2                        |
|                 |            | 36      | 37        | 21.47                 | 21.79  | 21.76  | 22.00                               | 2                        |
|                 |            | 75      | 0         | 20.43                 | 20.85  | 20.80  | 22.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 20.40                 | 20.71  | 20.95  | 22.00                               | 2                        |
|                 |            | 1       | 36        | 20.39                 | 20.71  | 20.88  | 22.00                               | 2                        |
|                 |            | 1       | 74        | 20.39                 | 20.70  | 20.76  | 22.00                               | 2                        |
|                 |            | 36      | 0         | 20.27                 | 20.81  | 20.79  | 21.00                               | 3                        |
|                 |            | 36      | 18        | 20.44                 | 20.76  | 20.86  | 21.00                               | 3                        |
|                 |            | 36      | 37        | 20.29                 | 20.79  | 20.93  | 21.00                               | 3                        |
|                 |            | 75      | 0         | 19.46                 | 19.86  | 19.85  | 21.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 19.40                 | 19.78  | 19.85  | 21.00                               | 3                        |
|                 |            | 1       | 36        | 19.51                 | 19.73  | 19.83  | 21.00                               | 3                        |
|                 |            | 1       | 74        | 19.40                 | 19.72  | 19.90  | 21.00                               | 3                        |
|                 |            | 36      | 0         | 19.37                 | 19.68  | 19.80  | 20.00                               | 4                        |
|                 |            | 36      | 18        | 19.52                 | 19.77  | 19.85  | 20.00                               | 4                        |
|                 |            | 36      | 37        | 19.44                 | 19.75  | 19.93  | 20.00                               | 4                        |
|                 |            | 75      | 0         | 18.34                 | 18.70  | 18.87  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5 | 1910  |                                     |                          |
| Channel         |            |         |           | 26090                 | 26365  | 26640 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 22.42                 | 22.82  | 22.78 | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.40                 | 22.67  | 22.84 | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.41                 | 22.64  | 22.83 | 24.00                               | 0                        |
|                 |            | 25      | 0         | 22.41                 | 22.78  | 22.84 | 23.00                               | 1                        |
|                 |            | 25      | 12        | 22.42                 | 22.76  | 22.84 | 23.00                               | 1                        |
|                 |            | 25      | 25        | 22.28                 | 22.75  | 22.87 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.50                 | 21.72  | 21.85 | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.33                 | 21.71  | 21.83 | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.38                 | 21.77  | 21.85 | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.40                 | 21.83  | 21.77 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.50                 | 21.67  | 21.91 | 22.00                               | 2                        |
|                 |            | 25      | 12        | 21.27                 | 21.71  | 21.93 | 22.00                               | 2                        |
|                 |            | 25      | 25        | 21.48                 | 21.82  | 21.97 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.42                 | 20.78  | 20.77 | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.26                 | 20.82  | 20.86 | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.42                 | 20.84  | 20.85 | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.33                 | 20.72  | 20.74 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.48                 | 20.73  | 20.81 | 21.00                               | 3                        |
|                 |            | 25      | 12        | 20.44                 | 20.76  | 20.86 | 21.00                               | 3                        |
|                 |            | 25      | 25        | 20.28                 | 20.75  | 20.77 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.43                 | 19.76  | 19.76 | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.51                 | 19.69  | 19.73 | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.52                 | 19.74  | 19.77 | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.50                 | 19.66  | 19.83 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.52                 | 19.78  | 19.81 | 20.00                               | 4                        |
|                 |            | 25      | 12        | 19.39                 | 19.72  | 19.86 | 20.00                               | 4                        |
|                 |            | 25      | 25        | 19.33                 | 19.86  | 19.94 | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.39                 | 18.78  | 18.91 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5 | 1912.5 |                                     |                          |
| Channel         |            |         |           | 26065                 | 26365  | 26665  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.49                 | 22.69  | 22.80  | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.45                 | 22.71  | 22.86  | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.32                 | 22.71  | 22.85  | 24.00                               | 0                        |
|                 |            | 12      | 0         | 22.35                 | 22.74  | 22.79  | 23.00                               | 1                        |
|                 |            | 12      | 6         | 22.35                 | 22.65  | 22.89  | 23.00                               | 1                        |
|                 |            | 12      | 13        | 22.33                 | 22.66  | 22.86  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.30                 | 21.74  | 21.86  | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.34                 | 21.74  | 21.83  | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.40                 | 21.74  | 21.92  | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.35                 | 21.80  | 21.91  | 23.00                               | 1                        |
|                 |            | 12      | 0         | 21.51                 | 21.84  | 21.75  | 22.00                               | 2                        |
|                 |            | 12      | 6         | 21.39                 | 21.85  | 21.85  | 22.00                               | 2                        |
|                 |            | 12      | 13        | 21.42                 | 21.75  | 21.88  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.50                 | 20.72  | 20.90  | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.34                 | 20.71  | 20.81  | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.43                 | 20.73  | 20.85  | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.28                 | 20.74  | 20.75  | 22.00                               | 2                        |
|                 |            | 12      | 0         | 20.35                 | 20.67  | 20.93  | 21.00                               | 3                        |
|                 |            | 12      | 6         | 20.47                 | 20.68  | 20.83  | 21.00                               | 3                        |
|                 |            | 12      | 13        | 20.38                 | 20.71  | 20.81  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.45                 | 19.72  | 19.92  | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.51                 | 19.74  | 19.95  | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.39                 | 19.67  | 19.78  | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.44                 | 19.78  | 19.75  | 21.00                               | 3                        |
|                 |            | 12      | 0         | 19.39                 | 19.77  | 19.90  | 20.00                               | 4                        |
|                 |            | 12      | 6         | 19.41                 | 19.78  | 19.75  | 20.00                               | 4                        |
|                 |            | 12      | 13        | 19.34                 | 19.81  | 19.80  | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.41                 | 18.78  | 18.81  | 20.00                               | 4                        |

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| LTE Band 25     |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1851.5                | 1882.5 | 1913.5 |                                     |                          |
| Channel         |            |         |           | 26055                 | 26365  | 26675  |                                     |                          |
| 3               | QPSK       | 1       | 0         | 22.38                 | 22.67  | 22.95  | 24.00                               | 0                        |
|                 |            | 1       | 7         | 22.48                 | 22.83  | 22.72  | 24.00                               | 0                        |
|                 |            | 1       | 14        | 22.45                 | 22.77  | 22.82  | 24.00                               | 0                        |
|                 |            | 8       | 0         | 22.51                 | 22.77  | 22.81  | 23.00                               | 1                        |
|                 |            | 8       | 4         | 22.46                 | 22.72  | 22.88  | 23.00                               | 1                        |
|                 |            | 8       | 7         | 22.44                 | 22.75  | 22.80  | 23.00                               | 1                        |
|                 |            | 15      | 0         | 21.46                 | 21.72  | 21.88  | 23.00                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 21.43                 | 21.82  | 21.87  | 23.00                               | 1                        |
|                 |            | 1       | 7         | 21.33                 | 21.76  | 21.88  | 23.00                               | 1                        |
|                 |            | 1       | 14        | 21.46                 | 21.71  | 21.80  | 23.00                               | 1                        |
|                 |            | 8       | 0         | 21.34                 | 21.73  | 21.76  | 22.00                               | 2                        |
|                 |            | 8       | 4         | 21.51                 | 21.77  | 21.90  | 22.00                               | 2                        |
|                 |            | 8       | 7         | 21.32                 | 21.82  | 21.77  | 22.00                               | 2                        |
|                 |            | 15      | 0         | 20.42                 | 20.83  | 20.80  | 22.00                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 20.37                 | 20.66  | 20.94  | 22.00                               | 2                        |
|                 |            | 1       | 7         | 20.41                 | 20.85  | 20.75  | 22.00                               | 2                        |
|                 |            | 1       | 14        | 20.34                 | 20.81  | 20.88  | 22.00                               | 2                        |
|                 |            | 8       | 0         | 20.33                 | 20.68  | 20.87  | 21.00                               | 3                        |
|                 |            | 8       | 4         | 20.35                 | 20.77  | 20.83  | 21.00                               | 3                        |
|                 |            | 8       | 7         | 20.41                 | 20.72  | 20.76  | 21.00                               | 3                        |
|                 |            | 15      | 0         | 19.41                 | 19.85  | 19.94  | 21.00                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 19.38                 | 19.72  | 19.88  | 21.00                               | 3                        |
|                 |            | 1       | 7         | 19.36                 | 19.72  | 19.84  | 21.00                               | 3                        |
|                 |            | 1       | 14        | 19.44                 | 19.83  | 19.91  | 21.00                               | 3                        |
|                 |            | 8       | 0         | 19.40                 | 19.80  | 19.86  | 20.00                               | 4                        |
|                 |            | 8       | 4         | 19.46                 | 19.73  | 19.72  | 20.00                               | 4                        |
|                 |            | 8       | 7         | 19.41                 | 19.61  | 19.92  | 20.00                               | 4                        |
|                 |            | 15      | 0         | 18.41                 | 18.70  | 18.90  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1850.7                | 1882.5 | 1914.3 |                                     |                          |
| Channel         |            |         |           | 26047                 | 26365  | 26683  |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 22.45                 | 22.67  | 22.80  | 24.00                               | 0                        |
|                 |            | 1       | 2         | 22.41                 | 22.78  | 22.92  | 24.00                               | 0                        |
|                 |            | 1       | 5         | 22.42                 | 22.62  | 22.83  | 24.00                               | 0                        |
|                 |            | 3       | 0         | 22.33                 | 22.67  | 22.88  | 24.00                               | 0                        |
|                 |            | 3       | 2         | 22.39                 | 22.70  | 22.95  | 24.00                               | 0                        |
|                 |            | 3       | 3         | 22.33                 | 22.71  | 22.86  | 24.00                               | 0                        |
|                 |            | 6       | 0         | 21.37                 | 21.63  | 21.89  | 23.00                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 21.33                 | 21.78  | 21.89  | 23.00                               | 1                        |
|                 |            | 1       | 2         | 21.49                 | 21.73  | 21.86  | 23.00                               | 1                        |
|                 |            | 1       | 5         | 21.38                 | 21.78  | 21.85  | 23.00                               | 1                        |
|                 |            | 3       | 0         | 21.40                 | 21.80  | 21.87  | 23.00                               | 1                        |
|                 |            | 3       | 2         | 21.42                 | 21.75  | 21.78  | 23.00                               | 1                        |
|                 |            | 3       | 3         | 21.43                 | 21.76  | 21.90  | 23.00                               | 1                        |
|                 |            | 6       | 0         | 20.35                 | 20.83  | 20.82  | 22.00                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 20.31                 | 20.70  | 20.85  | 22.00                               | 2                        |
|                 |            | 1       | 2         | 20.48                 | 20.65  | 20.76  | 22.00                               | 2                        |
|                 |            | 1       | 5         | 20.31                 | 20.71  | 20.82  | 22.00                               | 2                        |
|                 |            | 3       | 0         | 20.32                 | 20.71  | 20.86  | 22.00                               | 2                        |
|                 |            | 3       | 2         | 20.46                 | 20.67  | 20.77  | 22.00                               | 2                        |
|                 |            | 3       | 3         | 20.33                 | 20.65  | 20.88  | 22.00                               | 2                        |
|                 |            | 6       | 0         | 19.40                 | 19.63  | 19.99  | 21.00                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 19.35                 | 19.75  | 19.81  | 21.00                               | 3                        |
|                 |            | 1       | 2         | 19.44                 | 19.73  | 19.88  | 21.00                               | 3                        |
|                 |            | 1       | 5         | 19.44                 | 19.79  | 19.81  | 21.00                               | 3                        |
|                 |            | 3       | 0         | 19.35                 | 19.73  | 19.87  | 21.00                               | 3                        |
|                 |            | 3       | 2         | 19.33                 | 19.75  | 19.91  | 21.00                               | 3                        |
|                 |            | 3       | 3         | 19.36                 | 19.70  | 19.93  | 21.00                               | 3                        |
|                 |            | 6       | 0         | 18.38                 | 18.67  | 18.74  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |  | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           |                       | 2310  |  |                                     |                          |
| Channel         |            |         |           |                       | 27710 |  |                                     |                          |
| 10              | QPSK       | 1       | 0         |                       | 22.92 |  | 23.00                               | 0                        |
|                 |            | 1       | 25        |                       | 22.81 |  | 23.00                               | 0                        |
|                 |            | 1       | 49        |                       | 22.79 |  | 23.00                               | 0                        |
|                 |            | 25      | 0         |                       | 21.76 |  | 22.00                               | 1                        |
|                 |            | 25      | 12        |                       | 21.73 |  | 22.00                               | 1                        |
|                 |            | 25      | 25        |                       | 21.71 |  | 22.00                               | 1                        |
|                 |            | 50      | 0         |                       | 21.75 |  | 22.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         |                       | 21.74 |  | 22.00                               | 1                        |
|                 |            | 1       | 25        |                       | 21.64 |  | 22.00                               | 1                        |
|                 |            | 1       | 49        |                       | 21.84 |  | 22.00                               | 1                        |
|                 |            | 25      | 0         |                       | 20.75 |  | 21.00                               | 2                        |
|                 |            | 25      | 12        |                       | 20.86 |  | 21.00                               | 2                        |
|                 |            | 25      | 25        |                       | 20.69 |  | 21.00                               | 2                        |
|                 |            | 50      | 0         |                       | 20.77 |  | 21.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         |                       | 20.76 |  | 21.00                               | 2                        |
|                 |            | 1       | 25        |                       | 20.81 |  | 21.00                               | 2                        |
|                 |            | 1       | 49        |                       | 20.71 |  | 21.00                               | 2                        |
|                 |            | 25      | 0         |                       | 19.80 |  | 20.00                               | 3                        |
|                 |            | 25      | 12        |                       | 19.70 |  | 20.00                               | 3                        |
|                 |            | 25      | 25        |                       | 19.77 |  | 20.00                               | 3                        |
|                 |            | 50      | 0         |                       | 19.77 |  | 20.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         |                       | 19.73 |  | 20.00                               | 3                        |
|                 |            | 1       | 25        |                       | 19.76 |  | 20.00                               | 3                        |
|                 |            | 1       | 49        |                       | 19.81 |  | 20.00                               | 3                        |
|                 |            | 25      | 0         |                       | 18.71 |  | 19.00                               | 4                        |
|                 |            | 25      | 12        |                       | 18.79 |  | 19.00                               | 4                        |
|                 |            | 25      | 25        |                       | 18.78 |  | 19.00                               | 4                        |
|                 |            | 50      | 0         |                       | 18.84 |  | 19.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310  | 2312.5 |                                     |                          |
| Channel         |            |         |           | 27685                 | 27710 | 27735  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.71                 | 22.74 | 22.76  | 23.00                               | 0                        |
|                 |            | 1       | 12        | 22.79                 | 22.67 | 22.75  | 23.00                               | 0                        |
|                 |            | 1       | 24        | 22.71                 | 22.79 | 22.79  | 23.00                               | 0                        |
|                 |            | 12      | 0         | 21.84                 | 21.81 | 21.89  | 22.00                               | 1                        |
|                 |            | 12      | 6         | 21.82                 | 21.70 | 21.74  | 22.00                               | 1                        |
|                 |            | 12      | 13        | 21.72                 | 21.90 | 21.79  | 22.00                               | 1                        |
|                 |            | 25      | 0         | 21.75                 | 21.69 | 21.79  | 22.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.74                 | 21.73 | 21.83  | 22.00                               | 1                        |
|                 |            | 1       | 12        | 21.78                 | 21.69 | 21.79  | 22.00                               | 1                        |
|                 |            | 1       | 24        | 21.80                 | 21.80 | 21.69  | 22.00                               | 1                        |
|                 |            | 12      | 0         | 20.84                 | 20.85 | 20.76  | 21.00                               | 2                        |
|                 |            | 12      | 6         | 20.77                 | 20.63 | 20.72  | 21.00                               | 2                        |
|                 |            | 12      | 13        | 20.71                 | 20.82 | 20.80  | 21.00                               | 2                        |
|                 |            | 25      | 0         | 20.76                 | 20.74 | 20.81  | 21.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.66                 | 20.87 | 20.79  | 21.00                               | 2                        |
|                 |            | 1       | 12        | 20.80                 | 20.72 | 20.82  | 21.00                               | 2                        |
|                 |            | 1       | 24        | 20.82                 | 20.67 | 20.81  | 21.00                               | 2                        |
|                 |            | 12      | 0         | 19.62                 | 19.72 | 19.84  | 20.00                               | 3                        |
|                 |            | 12      | 6         | 19.86                 | 19.87 | 19.76  | 20.00                               | 3                        |
|                 |            | 12      | 13        | 19.73                 | 19.76 | 19.64  | 20.00                               | 3                        |
|                 |            | 25      | 0         | 19.73                 | 19.69 | 19.79  | 20.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.86                 | 19.66 | 19.75  | 20.00                               | 3                        |
|                 |            | 1       | 12        | 19.85                 | 19.82 | 19.82  | 20.00                               | 3                        |
|                 |            | 1       | 24        | 19.79                 | 19.64 | 19.69  | 20.00                               | 3                        |
|                 |            | 12      | 0         | 18.82                 | 18.73 | 18.69  | 19.00                               | 4                        |
|                 |            | 12      | 6         | 18.82                 | 18.80 | 18.74  | 19.00                               | 4                        |
|                 |            | 12      | 13        | 18.73                 | 18.68 | 18.71  | 19.00                               | 4                        |
|                 |            | 25      | 0         | 18.74                 | 18.84 | 18.71  | 19.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1720                  | 1745   | 1770   |                                     |                          |
| Channel         |            |         |           | 132072                | 132322 | 132572 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 22.98                 | 22.95  | 23.02  | 24.00                               | 0                        |
|                 |            | 1       | 50        | 22.80                 | 22.72  | 22.88  | 24.00                               | 0                        |
|                 |            | 1       | 99        | 22.82                 | 22.81  | 22.75  | 24.00                               | 0                        |
|                 |            | 50      | 0         | 22.84                 | 22.82  | 22.84  | 23.00                               | 1                        |
|                 |            | 50      | 25        | 22.85                 | 22.79  | 22.85  | 23.00                               | 1                        |
|                 |            | 50      | 50        | 22.88                 | 22.78  | 22.91  | 23.00                               | 1                        |
|                 |            | 100     | 0         | 21.81                 | 21.82  | 21.76  | 23.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 21.92                 | 21.86  | 21.88  | 23.00                               | 1                        |
|                 |            | 1       | 50        | 21.82                 | 21.78  | 21.94  | 23.00                               | 1                        |
|                 |            | 1       | 99        | 21.90                 | 21.82  | 21.74  | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.83                 | 21.76  | 21.85  | 22.00                               | 2                        |
|                 |            | 50      | 25        | 21.70                 | 21.79  | 21.86  | 22.00                               | 2                        |
|                 |            | 50      | 50        | 21.68                 | 21.80  | 21.84  | 22.00                               | 2                        |
|                 |            | 100     | 0         | 20.76                 | 20.87  | 20.90  | 22.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 20.85                 | 20.88  | 20.87  | 22.00                               | 2                        |
|                 |            | 1       | 50        | 20.92                 | 20.92  | 20.81  | 22.00                               | 2                        |
|                 |            | 1       | 99        | 20.90                 | 20.77  | 20.86  | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.86                 | 20.85  | 20.95  | 21.00                               | 3                        |
|                 |            | 50      | 25        | 20.92                 | 20.84  | 20.98  | 21.00                               | 3                        |
|                 |            | 50      | 50        | 20.77                 | 20.68  | 20.82  | 21.00                               | 3                        |
|                 |            | 100     | 0         | 19.68                 | 19.78  | 19.94  | 21.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 19.76                 | 19.70  | 19.85  | 21.00                               | 3                        |
|                 |            | 1       | 50        | 19.71                 | 19.72  | 19.80  | 21.00                               | 3                        |
|                 |            | 1       | 99        | 19.76                 | 19.87  | 19.96  | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.79                 | 19.78  | 19.81  | 20.00                               | 4                        |
|                 |            | 50      | 25        | 19.85                 | 19.82  | 19.74  | 20.00                               | 4                        |
|                 |            | 50      | 50        | 19.90                 | 19.69  | 19.82  | 20.00                               | 4                        |
|                 |            | 100     | 0         | 18.89                 | 18.80  | 18.97  | 20.00                               | 4                        |

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| LTE Band 66     |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745   | 1772.5 |                                     |                          |
| Channel         |            |         |           | 132047                | 132322 | 132597 |                                     |                          |
| 15              | QPSK       | 1       | 0         | 22.92                 | 22.93  | 22.79  | 24.00                               | 0                        |
|                 |            | 1       | 36        | 22.82                 | 22.80  | 22.84  | 24.00                               | 0                        |
|                 |            | 1       | 74        | 22.77                 | 22.88  | 22.88  | 24.00                               | 0                        |
|                 |            | 36      | 0         | 22.84                 | 22.83  | 22.82  | 23.00                               | 1                        |
|                 |            | 36      | 18        | 22.71                 | 22.81  | 22.86  | 23.00                               | 1                        |
|                 |            | 36      | 37        | 22.82                 | 22.80  | 22.93  | 23.00                               | 1                        |
|                 |            | 75      | 0         | 21.93                 | 21.77  | 21.93  | 23.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 21.74                 | 21.82  | 21.83  | 23.00                               | 1                        |
|                 |            | 1       | 36        | 21.95                 | 21.83  | 21.88  | 23.00                               | 1                        |
|                 |            | 1       | 74        | 21.89                 | 21.78  | 21.86  | 23.00                               | 1                        |
|                 |            | 36      | 0         | 21.80                 | 21.81  | 21.93  | 22.00                               | 2                        |
|                 |            | 36      | 18        | 21.93                 | 21.78  | 21.87  | 22.00                               | 2                        |
|                 |            | 36      | 37        | 21.80                 | 21.83  | 21.79  | 22.00                               | 2                        |
|                 |            | 75      | 0         | 20.91                 | 20.85  | 20.81  | 22.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 20.75                 | 20.75  | 20.78  | 22.00                               | 2                        |
|                 |            | 1       | 36        | 20.86                 | 20.75  | 20.97  | 22.00                               | 2                        |
|                 |            | 1       | 74        | 20.72                 | 20.79  | 20.83  | 22.00                               | 2                        |
|                 |            | 36      | 0         | 20.74                 | 20.76  | 20.87  | 21.00                               | 3                        |
|                 |            | 36      | 18        | 20.86                 | 20.70  | 20.93  | 21.00                               | 3                        |
|                 |            | 36      | 37        | 20.83                 | 20.85  | 20.91  | 21.00                               | 3                        |
|                 |            | 75      | 0         | 19.79                 | 19.82  | 19.75  | 21.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 19.92                 | 19.79  | 19.87  | 21.00                               | 3                        |
|                 |            | 1       | 36        | 19.78                 | 19.81  | 19.82  | 21.00                               | 3                        |
|                 |            | 1       | 74        | 19.83                 | 19.86  | 19.90  | 21.00                               | 3                        |
|                 |            | 36      | 0         | 19.91                 | 19.85  | 19.88  | 20.00                               | 4                        |
|                 |            | 36      | 18        | 19.81                 | 19.81  | 19.80  | 20.00                               | 4                        |
|                 |            | 36      | 37        | 19.76                 | 19.82  | 19.82  | 20.00                               | 4                        |
|                 |            | 75      | 0         | 18.82                 | 18.79  | 18.91  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1715                  | 1745   | 1775   |                                     |                          |
| Channel         |            |         |           | 132022                | 132322 | 132622 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 22.78                 | 22.72  | 22.81  | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.84                 | 22.76  | 22.82  | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.77                 | 22.78  | 22.98  | 24.00                               | 0                        |
|                 |            | 25      | 0         | 22.81                 | 22.78  | 22.80  | 23.00                               | 1                        |
|                 |            | 25      | 12        | 22.75                 | 22.79  | 22.89  | 23.00                               | 1                        |
|                 |            | 25      | 25        | 22.88                 | 22.81  | 22.73  | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.73                 | 21.76  | 21.86  | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.78                 | 21.73  | 21.84  | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.82                 | 21.80  | 21.83  | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.87                 | 21.84  | 21.82  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.79                 | 21.90  | 21.78  | 22.00                               | 2                        |
|                 |            | 25      | 12        | 21.82                 | 21.84  | 21.78  | 22.00                               | 2                        |
|                 |            | 25      | 25        | 21.88                 | 21.82  | 21.82  | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.86                 | 20.88  | 20.94  | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.77                 | 20.85  | 20.88  | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.84                 | 20.89  | 20.91  | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.76                 | 20.81  | 20.84  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.73                 | 20.78  | 20.81  | 21.00                               | 3                        |
|                 |            | 25      | 12        | 20.71                 | 20.85  | 20.82  | 21.00                               | 3                        |
|                 |            | 25      | 25        | 20.85                 | 20.89  | 20.86  | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.81                 | 19.76  | 19.89  | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.87                 | 19.90  | 19.89  | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.80                 | 19.86  | 19.81  | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.75                 | 19.87  | 19.97  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.76                 | 19.79  | 19.96  | 20.00                               | 4                        |
|                 |            | 25      | 12        | 19.81                 | 19.83  | 19.85  | 20.00                               | 4                        |
|                 |            | 25      | 25        | 19.74                 | 19.84  | 19.84  | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.87                 | 18.85  | 18.93  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745   | 1777.5 |                                     |                          |
| Channel         |            |         |           | 131997                | 132322 | 132647 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.82                 | 22.88  | 22.89  | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.87                 | 22.78  | 22.76  | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.88                 | 22.76  | 22.82  | 24.00                               | 0                        |
|                 |            | 12      | 0         | 22.70                 | 22.66  | 22.82  | 23.00                               | 1                        |
|                 |            | 12      | 6         | 22.81                 | 22.70  | 22.80  | 23.00                               | 1                        |
|                 |            | 12      | 13        | 22.81                 | 22.79  | 22.91  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.76                 | 21.70  | 21.83  | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.77                 | 21.76  | 21.91  | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.79                 | 21.80  | 21.80  | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.87                 | 21.75  | 21.77  | 23.00                               | 1                        |
|                 |            | 12      | 0         | 21.81                 | 21.83  | 21.75  | 22.00                               | 2                        |
|                 |            | 12      | 6         | 21.72                 | 21.72  | 21.91  | 22.00                               | 2                        |
|                 |            | 12      | 13        | 21.81                 | 21.81  | 21.91  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.82                 | 20.87  | 20.91  | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.85                 | 20.85  | 20.82  | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.83                 | 20.86  | 20.76  | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.92                 | 20.92  | 20.88  | 22.00                               | 2                        |
|                 |            | 12      | 0         | 20.73                 | 20.80  | 20.95  | 21.00                               | 3                        |
|                 |            | 12      | 6         | 20.84                 | 20.76  | 20.85  | 21.00                               | 3                        |
|                 |            | 12      | 13        | 20.78                 | 20.73  | 20.90  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.71                 | 19.66  | 19.85  | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.73                 | 19.68  | 19.81  | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.92                 | 19.78  | 19.85  | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.85                 | 19.83  | 19.91  | 21.00                               | 3                        |
|                 |            | 12      | 0         | 19.81                 | 19.65  | 19.88  | 20.00                               | 4                        |
|                 |            | 12      | 6         | 19.74                 | 19.76  | 19.89  | 20.00                               | 4                        |
|                 |            | 12      | 13        | 19.86                 | 19.81  | 19.88  | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.77                 | 18.78  | 18.84  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1711.5                | 1745   | 1778.5 |                                     |                          |
| Channel         |            |         |           | 131987                | 132322 | 132657 |                                     |                          |
| 3               | QPSK       | 1       | 0         | 22.90                 | 22.82  | 22.85  | 24.00                               | 0                        |
|                 |            | 1       | 7         | 22.87                 | 22.77  | 22.81  | 24.00                               | 0                        |
|                 |            | 1       | 14        | 22.92                 | 22.86  | 22.80  | 24.00                               | 0                        |
|                 |            | 8       | 0         | 22.89                 | 22.73  | 22.95  | 23.00                               | 1                        |
|                 |            | 8       | 4         | 22.90                 | 22.81  | 22.81  | 23.00                               | 1                        |
|                 |            | 8       | 7         | 22.82                 | 22.70  | 22.84  | 23.00                               | 1                        |
|                 |            | 15      | 0         | 21.93                 | 21.82  | 21.93  | 23.00                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 21.93                 | 21.76  | 21.99  | 23.00                               | 1                        |
|                 |            | 1       | 7         | 21.78                 | 21.75  | 21.85  | 23.00                               | 1                        |
|                 |            | 1       | 14        | 21.80                 | 21.80  | 21.81  | 23.00                               | 1                        |
|                 |            | 8       | 0         | 21.80                 | 21.76  | 21.97  | 22.00                               | 2                        |
|                 |            | 8       | 4         | 21.75                 | 21.81  | 21.87  | 22.00                               | 2                        |
|                 |            | 8       | 7         | 21.76                 | 21.87  | 21.90  | 22.00                               | 2                        |
|                 |            | 15      | 0         | 20.76                 | 20.73  | 20.99  | 22.00                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 20.73                 | 20.66  | 20.81  | 22.00                               | 2                        |
|                 |            | 1       | 7         | 20.84                 | 20.73  | 20.81  | 22.00                               | 2                        |
|                 |            | 1       | 14        | 20.79                 | 20.80  | 20.80  | 22.00                               | 2                        |
|                 |            | 8       | 0         | 20.90                 | 20.84  | 20.87  | 21.00                               | 3                        |
|                 |            | 8       | 4         | 20.70                 | 20.80  | 20.77  | 21.00                               | 3                        |
|                 |            | 8       | 7         | 20.91                 | 20.71  | 20.96  | 21.00                               | 3                        |
|                 |            | 15      | 0         | 19.86                 | 19.67  | 19.88  | 21.00                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 19.86                 | 19.74  | 19.81  | 21.00                               | 3                        |
|                 |            | 1       | 7         | 19.89                 | 19.87  | 19.83  | 21.00                               | 3                        |
|                 |            | 1       | 14        | 19.93                 | 19.91  | 19.87  | 21.00                               | 3                        |
|                 |            | 8       | 0         | 19.77                 | 19.85  | 19.80  | 20.00                               | 4                        |
|                 |            | 8       | 4         | 19.77                 | 19.82  | 19.81  | 20.00                               | 4                        |
|                 |            | 8       | 7         | 19.92                 | 19.80  | 19.87  | 20.00                               | 4                        |
|                 |            | 15      | 0         | 18.83                 | 18.77  | 18.88  | 20.00                               | 4                        |

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| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1710.7                | 1745   | 1779.3 |                                     |                          |
| Channel         |            |         |           | 131979                | 132322 | 132665 |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 22.71                 | 22.74  | 22.96  | 24.00                               | 0                        |
|                 |            | 1       | 2         | 22.83                 | 22.70  | 22.85  | 24.00                               | 0                        |
|                 |            | 1       | 5         | 22.80                 | 22.83  | 22.73  | 24.00                               | 0                        |
|                 |            | 3       | 0         | 22.81                 | 22.79  | 22.80  | 24.00                               | 0                        |
|                 |            | 3       | 2         | 22.83                 | 22.71  | 22.82  | 24.00                               | 0                        |
|                 |            | 3       | 3         | 22.80                 | 22.79  | 22.86  | 24.00                               | 0                        |
|                 |            | 6       | 0         | 21.82                 | 21.86  | 21.93  | 23.00                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 21.75                 | 21.76  | 21.84  | 23.00                               | 1                        |
|                 |            | 1       | 2         | 21.90                 | 21.82  | 21.79  | 23.00                               | 1                        |
|                 |            | 1       | 5         | 21.73                 | 21.73  | 21.72  | 23.00                               | 1                        |
|                 |            | 3       | 0         | 21.82                 | 21.73  | 21.87  | 23.00                               | 1                        |
|                 |            | 3       | 2         | 21.83                 | 21.70  | 21.75  | 23.00                               | 1                        |
|                 |            | 3       | 3         | 21.76                 | 21.87  | 21.88  | 23.00                               | 1                        |
|                 |            | 6       | 0         | 20.77                 | 20.76  | 20.87  | 22.00                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 20.70                 | 20.85  | 20.92  | 22.00                               | 2                        |
|                 |            | 1       | 2         | 20.73                 | 20.70  | 20.88  | 22.00                               | 2                        |
|                 |            | 1       | 5         | 20.76                 | 20.72  | 20.87  | 22.00                               | 2                        |
|                 |            | 3       | 0         | 20.79                 | 20.78  | 20.80  | 22.00                               | 2                        |
|                 |            | 3       | 2         | 20.89                 | 20.76  | 20.84  | 22.00                               | 2                        |
|                 |            | 3       | 3         | 20.87                 | 20.80  | 20.92  | 22.00                               | 2                        |
|                 |            | 6       | 0         | 19.81                 | 19.81  | 19.81  | 21.00                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 19.79                 | 19.80  | 19.82  | 21.00                               | 3                        |
|                 |            | 1       | 2         | 19.91                 | 19.87  | 19.95  | 21.00                               | 3                        |
|                 |            | 1       | 5         | 19.84                 | 19.90  | 19.92  | 21.00                               | 3                        |
|                 |            | 3       | 0         | 19.87                 | 19.70  | 19.87  | 21.00                               | 3                        |
|                 |            | 3       | 2         | 19.82                 | 19.86  | 19.79  | 21.00                               | 3                        |
|                 |            | 3       | 3         | 19.89                 | 19.77  | 19.90  | 21.00                               | 3                        |
|                 |            | 6       | 0         | 18.84                 | 18.77  | 18.85  | 20.00                               | 4                        |

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## Tablet mode

## Ant5

| LTE Band 5      |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 829                   | 836.5 | 844   |                                     |                          |
| Channel         |            |         |           | 20450                 | 20525 | 20600 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 18.13                 | 18.06 | 18.01 | 18.50                               | 0                        |
|                 |            | 1       | 25        | 18.01                 | 17.82 | 17.77 | 18.50                               | 0                        |
|                 |            | 1       | 49        | 17.95                 | 17.97 | 17.90 | 18.50                               | 0                        |
|                 |            | 25      | 0         | 16.99                 | 16.91 | 16.81 | 17.50                               | 1                        |
|                 |            | 25      | 12        | 16.99                 | 16.85 | 16.81 | 17.50                               | 1                        |
|                 |            | 25      | 25        | 17.00                 | 16.82 | 16.88 | 17.50                               | 1                        |
|                 |            | 50      | 0         | 16.91                 | 16.93 | 16.84 | 17.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 16.92                 | 16.95 | 16.76 | 17.50                               | 1                        |
|                 |            | 1       | 25        | 16.94                 | 16.89 | 16.90 | 17.50                               | 1                        |
|                 |            | 1       | 49        | 16.98                 | 16.98 | 16.97 | 17.50                               | 1                        |
|                 |            | 25      | 0         | 16.03                 | 15.87 | 15.82 | 16.50                               | 2                        |
|                 |            | 25      | 12        | 15.86                 | 16.00 | 15.85 | 16.50                               | 2                        |
|                 |            | 25      | 25        | 15.93                 | 15.90 | 15.89 | 16.50                               | 2                        |
|                 |            | 50      | 0         | 15.94                 | 16.02 | 15.75 | 16.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 15.96                 | 15.95 | 15.76 | 16.50                               | 2                        |
|                 |            | 1       | 25        | 16.00                 | 15.86 | 15.82 | 16.50                               | 2                        |
|                 |            | 1       | 49        | 16.04                 | 15.94 | 15.81 | 16.50                               | 2                        |
|                 |            | 25      | 0         | 15.00                 | 14.93 | 14.82 | 15.50                               | 3                        |
|                 |            | 25      | 12        | 14.88                 | 14.83 | 14.94 | 15.50                               | 3                        |
|                 |            | 25      | 25        | 14.94                 | 14.92 | 14.90 | 15.50                               | 3                        |
|                 |            | 50      | 0         | 15.04                 | 14.88 | 14.90 | 15.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 15.05                 | 14.85 | 14.85 | 15.50                               | 3                        |
|                 |            | 1       | 25        | 14.96                 | 14.98 | 14.90 | 15.50                               | 3                        |
|                 |            | 1       | 49        | 15.01                 | 14.83 | 14.88 | 15.50                               | 3                        |
|                 |            | 25      | 0         | 14.01                 | 13.82 | 13.82 | 14.50                               | 4                        |
|                 |            | 25      | 12        | 13.92                 | 13.86 | 13.85 | 14.50                               | 4                        |
|                 |            | 25      | 25        | 14.09                 | 14.00 | 13.88 | 14.50                               | 4                        |
|                 |            | 50      | 0         | 13.89                 | 13.90 | 13.92 | 14.50                               | 4                        |

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| LTE Band 5      |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 826.5                 | 836.5 | 846.5 |                                     |                          |
| Channel         |            |         |           | 20425                 | 20525 | 20625 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 17.89                 | 17.93 | 17.86 | 18.50                               | 0                        |
|                 |            | 1       | 12        | 18.01                 | 17.88 | 17.94 | 18.50                               | 0                        |
|                 |            | 1       | 24        | 18.00                 | 17.91 | 17.86 | 18.50                               | 0                        |
|                 |            | 12      | 0         | 16.92                 | 17.00 | 16.85 | 17.50                               | 1                        |
|                 |            | 12      | 6         | 17.07                 | 16.99 | 16.87 | 17.50                               | 1                        |
|                 |            | 12      | 13        | 17.06                 | 16.80 | 16.93 | 17.50                               | 1                        |
|                 |            | 25      | 0         | 16.87                 | 16.88 | 16.92 | 17.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 17.03                 | 16.90 | 16.83 | 17.50                               | 1                        |
|                 |            | 1       | 12        | 16.97                 | 16.91 | 16.84 | 17.50                               | 1                        |
|                 |            | 1       | 24        | 17.00                 | 16.88 | 16.79 | 17.50                               | 1                        |
|                 |            | 12      | 0         | 15.96                 | 15.88 | 15.90 | 16.50                               | 2                        |
|                 |            | 12      | 6         | 16.02                 | 15.99 | 15.92 | 16.50                               | 2                        |
|                 |            | 12      | 13        | 16.03                 | 15.81 | 15.90 | 16.50                               | 2                        |
|                 |            | 25      | 0         | 16.00                 | 15.96 | 15.96 | 16.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 15.97                 | 15.81 | 15.86 | 16.50                               | 2                        |
|                 |            | 1       | 12        | 15.99                 | 15.87 | 15.85 | 16.50                               | 2                        |
|                 |            | 1       | 24        | 15.96                 | 15.82 | 15.87 | 16.50                               | 2                        |
|                 |            | 12      | 0         | 14.85                 | 14.89 | 14.90 | 15.50                               | 3                        |
|                 |            | 12      | 6         | 14.99                 | 14.78 | 14.87 | 15.50                               | 3                        |
|                 |            | 12      | 13        | 14.96                 | 14.94 | 14.85 | 15.50                               | 3                        |
|                 |            | 25      | 0         | 15.05                 | 14.91 | 14.79 | 15.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 15.01                 | 14.89 | 14.96 | 15.50                               | 3                        |
|                 |            | 1       | 12        | 14.95                 | 14.84 | 14.89 | 15.50                               | 3                        |
|                 |            | 1       | 24        | 14.95                 | 14.91 | 14.97 | 15.50                               | 3                        |
|                 |            | 12      | 0         | 14.02                 | 13.97 | 13.83 | 14.50                               | 4                        |
|                 |            | 12      | 6         | 14.03                 | 13.84 | 13.99 | 14.50                               | 4                        |
|                 |            | 12      | 13        | 13.96                 | 13.90 | 13.75 | 14.50                               | 4                        |
|                 |            | 25      | 0         | 13.93                 | 13.91 | 13.76 | 14.50                               | 4                        |

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| LTE Band 5      |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 825.5                 | 836.5 | 847.5 |                                     |                          |
| Channel         |            |         |           | 20415                 | 20525 | 20635 |                                     |                          |
| 3               | QPSK       | 1       | 0         | 18.00                 | 17.78 | 17.85 | 18.50                               | 0                        |
|                 |            | 1       | 7         | 17.98                 | 17.95 | 17.80 | 18.50                               | 0                        |
|                 |            | 1       | 14        | 17.89                 | 17.82 | 17.87 | 18.50                               | 0                        |
|                 |            | 8       | 0         | 16.92                 | 16.85 | 16.93 | 17.50                               | 1                        |
|                 |            | 8       | 4         | 17.03                 | 16.87 | 16.72 | 17.50                               | 1                        |
|                 |            | 8       | 7         | 17.10                 | 16.86 | 16.85 | 17.50                               | 1                        |
|                 |            | 15      | 0         | 16.94                 | 16.96 | 16.82 | 17.50                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 17.01                 | 16.79 | 16.83 | 17.50                               | 1                        |
|                 |            | 1       | 7         | 16.90                 | 17.00 | 16.86 | 17.50                               | 1                        |
|                 |            | 1       | 14        | 16.93                 | 16.86 | 16.95 | 17.50                               | 1                        |
|                 |            | 8       | 0         | 16.06                 | 16.00 | 15.90 | 16.50                               | 2                        |
|                 |            | 8       | 4         | 15.84                 | 15.89 | 15.86 | 16.50                               | 2                        |
|                 |            | 8       | 7         | 15.94                 | 15.84 | 15.80 | 16.50                               | 2                        |
|                 |            | 15      | 0         | 15.99                 | 15.87 | 15.82 | 16.50                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 16.05                 | 15.95 | 15.74 | 16.50                               | 2                        |
|                 |            | 1       | 7         | 15.97                 | 15.78 | 15.89 | 16.50                               | 2                        |
|                 |            | 1       | 14        | 16.01                 | 15.86 | 15.85 | 16.50                               | 2                        |
|                 |            | 8       | 0         | 15.02                 | 14.89 | 14.80 | 15.50                               | 3                        |
|                 |            | 8       | 4         | 15.06                 | 14.99 | 14.83 | 15.50                               | 3                        |
|                 |            | 8       | 7         | 15.02                 | 14.86 | 14.93 | 15.50                               | 3                        |
|                 |            | 15      | 0         | 14.99                 | 15.00 | 14.88 | 15.50                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 15.02                 | 14.88 | 14.90 | 15.50                               | 3                        |
|                 |            | 1       | 7         | 14.93                 | 14.85 | 14.73 | 15.50                               | 3                        |
|                 |            | 1       | 14        | 14.96                 | 14.95 | 14.88 | 15.50                               | 3                        |
|                 |            | 8       | 0         | 13.95                 | 13.84 | 13.75 | 14.50                               | 4                        |
|                 |            | 8       | 4         | 14.09                 | 13.84 | 13.90 | 14.50                               | 4                        |
|                 |            | 8       | 7         | 13.99                 | 13.88 | 13.83 | 14.50                               | 4                        |
|                 |            | 15      | 0         | 14.05                 | 13.94 | 13.78 | 14.50                               | 4                        |

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| LTE Band 5      |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 824.7                 | 836.5 | 848.3 |                                     |                          |
| Channel         |            |         |           | 20407                 | 20525 | 20643 |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 17.79                 | 17.68 | 17.65 | 18.50                               | 0                        |
|                 |            | 1       | 2         | 17.80                 | 17.66 | 17.71 | 18.50                               | 0                        |
|                 |            | 1       | 5         | 17.94                 | 17.62 | 17.73 | 18.50                               | 0                        |
|                 |            | 3       | 0         | 17.97                 | 17.76 | 17.74 | 18.50                               | 0                        |
|                 |            | 3       | 2         | 17.81                 | 17.69 | 17.67 | 18.50                               | 0                        |
|                 |            | 3       | 3         | 17.85                 | 17.62 | 17.60 | 18.50                               | 0                        |
|                 |            | 6       | 0         | 16.76                 | 16.66 | 16.70 | 17.50                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 16.83                 | 16.64 | 16.62 | 17.50                               | 1                        |
|                 |            | 1       | 2         | 16.79                 | 16.66 | 16.76 | 17.50                               | 1                        |
|                 |            | 1       | 5         | 16.83                 | 16.70 | 16.61 | 17.50                               | 1                        |
|                 |            | 3       | 0         | 16.90                 | 16.61 | 16.63 | 17.50                               | 1                        |
|                 |            | 3       | 2         | 16.84                 | 16.64 | 16.68 | 17.50                               | 1                        |
|                 |            | 3       | 3         | 16.89                 | 16.64 | 16.83 | 17.50                               | 1                        |
|                 |            | 6       | 0         | 15.89                 | 15.60 | 15.73 | 16.50                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 15.91                 | 15.62 | 15.61 | 16.50                               | 2                        |
|                 |            | 1       | 2         | 15.96                 | 15.61 | 15.61 | 16.50                               | 2                        |
|                 |            | 1       | 5         | 15.73                 | 15.67 | 15.81 | 16.50                               | 2                        |
|                 |            | 3       | 0         | 15.88                 | 15.58 | 15.72 | 16.50                               | 2                        |
|                 |            | 3       | 2         | 15.82                 | 15.62 | 15.65 | 16.50                               | 2                        |
|                 |            | 3       | 3         | 15.84                 | 15.71 | 15.79 | 16.50                               | 2                        |
|                 |            | 6       | 0         | 14.82                 | 14.61 | 14.70 | 15.50                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 14.81                 | 14.62 | 14.74 | 15.50                               | 3                        |
|                 |            | 1       | 2         | 14.89                 | 14.55 | 14.71 | 15.50                               | 3                        |
|                 |            | 1       | 5         | 14.88                 | 14.54 | 14.69 | 15.50                               | 3                        |
|                 |            | 3       | 0         | 14.87                 | 14.65 | 14.74 | 15.50                               | 3                        |
|                 |            | 3       | 2         | 14.86                 | 14.65 | 14.70 | 15.50                               | 3                        |
|                 |            | 3       | 3         | 14.84                 | 14.61 | 14.79 | 15.50                               | 3                        |
|                 |            | 6       | 0         | 13.78                 | 13.61 | 13.75 | 14.50                               | 4                        |

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| LTE Band 12     |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 704                   | 707.5 | 711   |                                     |                          |
| Channel         |            |         |           | 23060                 | 23095 | 23130 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 18.05                 | 18.01 | 17.98 | 18.50                               | 0                        |
|                 |            | 1       | 25        | 17.84                 | 17.98 | 17.81 | 18.50                               | 0                        |
|                 |            | 1       | 49        | 17.90                 | 17.87 | 17.92 | 18.50                               | 0                        |
|                 |            | 25      | 0         | 16.80                 | 16.87 | 16.70 | 17.50                               | 1                        |
|                 |            | 25      | 12        | 16.96                 | 16.72 | 16.73 | 17.50                               | 1                        |
|                 |            | 25      | 25        | 16.93                 | 16.84 | 16.78 | 17.50                               | 1                        |
|                 |            | 50      | 0         | 17.00                 | 16.89 | 16.80 | 17.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 17.01                 | 16.83 | 16.75 | 17.50                               | 1                        |
|                 |            | 1       | 25        | 16.98                 | 16.94 | 16.80 | 17.50                               | 1                        |
|                 |            | 1       | 49        | 16.96                 | 16.84 | 16.89 | 17.50                               | 1                        |
|                 |            | 25      | 0         | 15.95                 | 15.80 | 15.88 | 16.50                               | 2                        |
|                 |            | 25      | 12        | 15.90                 | 15.81 | 15.80 | 16.50                               | 2                        |
|                 |            | 25      | 25        | 15.97                 | 15.91 | 15.78 | 16.50                               | 2                        |
|                 |            | 50      | 0         | 15.78                 | 15.83 | 15.89 | 16.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 15.88                 | 15.80 | 15.82 | 16.50                               | 2                        |
|                 |            | 1       | 25        | 15.93                 | 15.87 | 15.78 | 16.50                               | 2                        |
|                 |            | 1       | 49        | 15.92                 | 15.80 | 15.75 | 16.50                               | 2                        |
|                 |            | 25      | 0         | 14.89                 | 14.94 | 14.78 | 15.50                               | 3                        |
|                 |            | 25      | 12        | 14.94                 | 14.86 | 14.82 | 15.50                               | 3                        |
|                 |            | 25      | 25        | 14.95                 | 14.79 | 14.69 | 15.50                               | 3                        |
|                 |            | 50      | 0         | 14.91                 | 14.89 | 14.87 | 15.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 14.88                 | 14.87 | 14.82 | 15.50                               | 3                        |
|                 |            | 1       | 25        | 14.84                 | 14.81 | 14.90 | 15.50                               | 3                        |
|                 |            | 1       | 49        | 14.89                 | 14.80 | 14.75 | 15.50                               | 3                        |
|                 |            | 25      | 0         | 13.89                 | 13.85 | 13.90 | 14.50                               | 4                        |
|                 |            | 25      | 12        | 13.77                 | 13.86 | 13.84 | 14.50                               | 4                        |
|                 |            | 25      | 25        | 13.91                 | 13.94 | 13.71 | 14.50                               | 4                        |
|                 |            | 50      | 0         | 13.93                 | 13.85 | 13.76 | 14.50                               | 4                        |

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| LTE Band 12     |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5 | 713.5 |                                     |                          |
| Channel         |            |         |           | 23035                 | 23095 | 23155 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 17.89                 | 17.77 | 17.87 | 18.50                               | 0                        |
|                 |            | 1       | 12        | 17.87                 | 17.89 | 17.75 | 18.50                               | 0                        |
|                 |            | 1       | 24        | 17.79                 | 17.97 | 17.94 | 18.50                               | 0                        |
|                 |            | 12      | 0         | 16.82                 | 16.87 | 16.79 | 17.50                               | 1                        |
|                 |            | 12      | 6         | 16.98                 | 16.76 | 16.84 | 17.50                               | 1                        |
|                 |            | 12      | 13        | 16.85                 | 16.84 | 16.77 | 17.50                               | 1                        |
|                 |            | 25      | 0         | 16.88                 | 16.84 | 16.75 | 17.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 16.88                 | 16.82 | 16.83 | 17.50                               | 1                        |
|                 |            | 1       | 12        | 16.78                 | 16.97 | 16.92 | 17.50                               | 1                        |
|                 |            | 1       | 24        | 16.87                 | 16.81 | 16.85 | 17.50                               | 1                        |
|                 |            | 12      | 0         | 15.93                 | 15.72 | 15.85 | 16.50                               | 2                        |
|                 |            | 12      | 6         | 15.82                 | 15.81 | 15.88 | 16.50                               | 2                        |
|                 |            | 12      | 13        | 15.85                 | 15.98 | 15.91 | 16.50                               | 2                        |
|                 |            | 25      | 0         | 15.88                 | 15.81 | 15.89 | 16.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 15.83                 | 15.91 | 15.81 | 16.50                               | 2                        |
|                 |            | 1       | 12        | 15.99                 | 15.89 | 15.81 | 16.50                               | 2                        |
|                 |            | 1       | 24        | 15.92                 | 15.89 | 15.88 | 16.50                               | 2                        |
|                 |            | 12      | 0         | 14.81                 | 14.87 | 14.78 | 15.50                               | 3                        |
|                 |            | 12      | 6         | 14.89                 | 14.90 | 14.80 | 15.50                               | 3                        |
|                 |            | 12      | 13        | 14.87                 | 14.90 | 14.82 | 15.50                               | 3                        |
|                 |            | 25      | 0         | 14.79                 | 14.81 | 14.90 | 15.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 14.89                 | 14.96 | 14.72 | 15.50                               | 3                        |
|                 |            | 1       | 12        | 14.89                 | 14.90 | 14.88 | 15.50                               | 3                        |
|                 |            | 1       | 24        | 15.00                 | 14.95 | 14.87 | 15.50                               | 3                        |
|                 |            | 12      | 0         | 13.89                 | 13.90 | 13.89 | 14.50                               | 4                        |
|                 |            | 12      | 6         | 13.91                 | 13.84 | 13.91 | 14.50                               | 4                        |
|                 |            | 12      | 13        | 13.89                 | 13.75 | 13.83 | 14.50                               | 4                        |
|                 |            | 25      | 0         | 13.90                 | 13.97 | 13.79 | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 700.5                 | 707.5 | 714.5 |                                     |                          |
| Channel         |            |         |           | 23025                 | 23095 | 23165 |                                     |                          |
| 3               | QPSK       | 1       | 0         | 17.93                 | 17.84 | 17.75 | 18.50                               | 0                        |
|                 |            | 1       | 7         | 17.86                 | 17.86 | 17.81 | 18.50                               | 0                        |
|                 |            | 1       | 14        | 17.99                 | 17.85 | 17.90 | 18.50                               | 0                        |
|                 |            | 8       | 0         | 16.91                 | 16.77 | 16.73 | 17.50                               | 1                        |
|                 |            | 8       | 4         | 16.88                 | 16.86 | 16.83 | 17.50                               | 1                        |
|                 |            | 8       | 7         | 16.80                 | 16.75 | 16.79 | 17.50                               | 1                        |
|                 |            | 15      | 0         | 16.87                 | 16.97 | 16.72 | 17.50                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 16.92                 | 16.78 | 16.92 | 17.50                               | 1                        |
|                 |            | 1       | 7         | 16.86                 | 16.80 | 16.81 | 17.50                               | 1                        |
|                 |            | 1       | 14        | 16.95                 | 16.94 | 16.94 | 17.50                               | 1                        |
|                 |            | 8       | 0         | 15.82                 | 15.94 | 15.75 | 16.50                               | 2                        |
|                 |            | 8       | 4         | 15.76                 | 15.79 | 15.77 | 16.50                               | 2                        |
|                 |            | 8       | 7         | 15.94                 | 15.89 | 15.76 | 16.50                               | 2                        |
|                 |            | 15      | 0         | 15.81                 | 15.76 | 15.81 | 16.50                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 15.86                 | 15.92 | 15.79 | 16.50                               | 2                        |
|                 |            | 1       | 7         | 15.91                 | 15.89 | 15.80 | 16.50                               | 2                        |
|                 |            | 1       | 14        | 15.87                 | 15.98 | 15.96 | 16.50                               | 2                        |
|                 |            | 8       | 0         | 14.93                 | 14.85 | 14.88 | 15.50                               | 3                        |
|                 |            | 8       | 4         | 14.83                 | 14.74 | 14.93 | 15.50                               | 3                        |
|                 |            | 8       | 7         | 14.87                 | 14.77 | 14.75 | 15.50                               | 3                        |
|                 |            | 15      | 0         | 14.90                 | 14.82 | 14.88 | 15.50                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 14.99                 | 14.85 | 14.80 | 15.50                               | 3                        |
|                 |            | 1       | 7         | 14.92                 | 14.82 | 14.83 | 15.50                               | 3                        |
|                 |            | 1       | 14        | 14.91                 | 14.82 | 14.83 | 15.50                               | 3                        |
|                 |            | 8       | 0         | 13.87                 | 13.77 | 13.78 | 14.50                               | 4                        |
|                 |            | 8       | 4         | 13.80                 | 13.81 | 13.85 | 14.50                               | 4                        |
|                 |            | 8       | 7         | 13.84                 | 13.81 | 13.80 | 14.50                               | 4                        |
|                 |            | 15      | 0         | 13.95                 | 13.92 | 13.84 | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 699.7                 | 707.5 | 715.3 |                                     |                          |
| Channel         |            |         |           | 23017                 | 23095 | 23173 |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 17.78                 | 17.67 | 17.52 | 18.50                               | 0                        |
|                 |            | 1       | 2         | 17.79                 | 17.75 | 17.67 | 18.50                               | 0                        |
|                 |            | 1       | 5         | 17.69                 | 17.68 | 17.58 | 18.50                               | 0                        |
|                 |            | 3       | 0         | 17.84                 | 17.71 | 17.59 | 18.50                               | 0                        |
|                 |            | 3       | 2         | 17.71                 | 17.66 | 17.55 | 18.50                               | 0                        |
|                 |            | 3       | 3         | 17.81                 | 17.68 | 17.55 | 18.50                               | 0                        |
|                 |            | 6       | 0         | 16.71                 | 16.76 | 16.57 | 17.50                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 16.74                 | 16.71 | 16.63 | 17.50                               | 1                        |
|                 |            | 1       | 2         | 16.80                 | 16.69 | 16.50 | 17.50                               | 1                        |
|                 |            | 1       | 5         | 16.84                 | 16.70 | 16.55 | 17.50                               | 1                        |
|                 |            | 3       | 0         | 16.77                 | 16.69 | 16.58 | 17.50                               | 1                        |
|                 |            | 3       | 2         | 16.81                 | 16.68 | 16.47 | 17.50                               | 1                        |
|                 |            | 3       | 3         | 16.73                 | 16.64 | 16.57 | 17.50                               | 1                        |
|                 |            | 6       | 0         | 15.84                 | 15.76 | 15.47 | 16.50                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 15.86                 | 15.73 | 15.49 | 16.50                               | 2                        |
|                 |            | 1       | 2         | 15.65                 | 15.68 | 15.60 | 16.50                               | 2                        |
|                 |            | 1       | 5         | 15.64                 | 15.66 | 15.56 | 16.50                               | 2                        |
|                 |            | 3       | 0         | 15.74                 | 15.67 | 15.55 | 16.50                               | 2                        |
|                 |            | 3       | 2         | 15.80                 | 15.70 | 15.63 | 16.50                               | 2                        |
|                 |            | 3       | 3         | 15.79                 | 15.75 | 15.63 | 16.50                               | 2                        |
|                 |            | 6       | 0         | 14.81                 | 14.60 | 14.63 | 15.50                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 14.67                 | 14.75 | 14.69 | 15.50                               | 3                        |
|                 |            | 1       | 2         | 14.82                 | 14.66 | 14.64 | 15.50                               | 3                        |
|                 |            | 1       | 5         | 14.65                 | 14.76 | 14.58 | 15.50                               | 3                        |
|                 |            | 3       | 0         | 14.84                 | 14.66 | 14.55 | 15.50                               | 3                        |
|                 |            | 3       | 2         | 14.69                 | 14.58 | 14.63 | 15.50                               | 3                        |
|                 |            | 3       | 3         | 14.81                 | 14.71 | 14.68 | 15.50                               | 3                        |
|                 |            | 6       | 0         | 13.71                 | 13.63 | 13.62 | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |  | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           |                       | 782   |  |                                     |                          |
| Channel         |            |         |           |                       | 23230 |  |                                     |                          |
| 10              | QPSK       | 1       | 0         |                       | 17.87 |  | 18.50                               | 0                        |
|                 |            | 1       | 25        |                       | 17.69 |  | 18.50                               | 0                        |
|                 |            | 1       | 49        |                       | 17.74 |  | 18.50                               | 0                        |
|                 |            | 25      | 0         |                       | 16.77 |  | 17.50                               | 1                        |
|                 |            | 25      | 12        |                       | 16.76 |  | 17.50                               | 1                        |
|                 |            | 25      | 25        |                       | 16.60 |  | 17.50                               | 1                        |
|                 |            | 50      | 0         |                       | 16.61 |  | 17.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         |                       | 16.71 |  | 17.50                               | 1                        |
|                 |            | 1       | 25        |                       | 16.79 |  | 17.50                               | 1                        |
|                 |            | 1       | 49        |                       | 16.63 |  | 17.50                               | 1                        |
|                 |            | 25      | 0         |                       | 15.65 |  | 16.50                               | 2                        |
|                 |            | 25      | 12        |                       | 15.74 |  | 16.50                               | 2                        |
|                 |            | 25      | 25        |                       | 15.75 |  | 16.50                               | 2                        |
|                 |            | 50      | 0         |                       | 15.71 |  | 16.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         |                       | 15.73 |  | 16.50                               | 2                        |
|                 |            | 1       | 25        |                       | 15.72 |  | 16.50                               | 2                        |
|                 |            | 1       | 49        |                       | 15.64 |  | 16.50                               | 2                        |
|                 |            | 25      | 0         |                       | 14.76 |  | 15.50                               | 3                        |
|                 |            | 25      | 12        |                       | 14.68 |  | 15.50                               | 3                        |
|                 |            | 25      | 25        |                       | 14.68 |  | 15.50                               | 3                        |
|                 |            | 50      | 0         |                       | 14.74 |  | 15.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         |                       | 14.67 |  | 15.50                               | 3                        |
|                 |            | 1       | 25        |                       | 14.70 |  | 15.50                               | 3                        |
|                 |            | 1       | 49        |                       | 14.58 |  | 15.50                               | 3                        |
|                 |            | 25      | 0         |                       | 13.83 |  | 14.50                               | 4                        |
|                 |            | 25      | 12        |                       | 13.68 |  | 14.50                               | 4                        |
|                 |            | 25      | 25        |                       | 13.76 |  | 14.50                               | 4                        |
|                 |            | 50      | 0         |                       | 13.80 |  | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 779.5                 | 782   | 784.5 |                                     |                          |
| Channel         |            |         |           | 23205                 | 23230 | 23255 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 17.71                 | 17.63 | 17.58 | 18.50                               | 0                        |
|                 |            | 1       | 12        | 17.44                 | 17.38 | 17.43 | 18.50                               | 0                        |
|                 |            | 1       | 24        | 17.45                 | 17.45 | 17.40 | 18.50                               | 0                        |
|                 |            | 12      | 0         | 16.63                 | 16.55 | 16.45 | 17.50                               | 1                        |
|                 |            | 12      | 6         | 16.58                 | 16.47 | 16.30 | 17.50                               | 1                        |
|                 |            | 12      | 13        | 16.57                 | 16.54 | 16.37 | 17.50                               | 1                        |
|                 |            | 25      | 0         | 16.59                 | 16.45 | 16.40 | 17.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 16.53                 | 16.44 | 16.50 | 17.50                               | 1                        |
|                 |            | 1       | 12        | 16.45                 | 16.39 | 16.51 | 17.50                               | 1                        |
|                 |            | 1       | 24        | 16.60                 | 16.44 | 16.49 | 17.50                               | 1                        |
|                 |            | 12      | 0         | 15.56                 | 15.42 | 15.34 | 16.50                               | 2                        |
|                 |            | 12      | 6         | 15.58                 | 15.58 | 15.33 | 16.50                               | 2                        |
|                 |            | 12      | 13        | 15.46                 | 15.50 | 15.35 | 16.50                               | 2                        |
|                 |            | 25      | 0         | 15.51                 | 15.39 | 15.47 | 16.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 15.53                 | 15.48 | 15.41 | 16.50                               | 2                        |
|                 |            | 1       | 12        | 15.56                 | 15.56 | 15.47 | 16.50                               | 2                        |
|                 |            | 1       | 24        | 15.55                 | 15.55 | 15.34 | 16.50                               | 2                        |
|                 |            | 12      | 0         | 14.55                 | 14.51 | 14.53 | 15.50                               | 3                        |
|                 |            | 12      | 6         | 14.60                 | 14.41 | 14.43 | 15.50                               | 3                        |
|                 |            | 12      | 13        | 14.52                 | 14.50 | 14.39 | 15.50                               | 3                        |
|                 |            | 25      | 0         | 14.59                 | 14.39 | 14.42 | 15.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 14.58                 | 14.56 | 14.29 | 15.50                               | 3                        |
|                 |            | 1       | 12        | 14.59                 | 14.47 | 14.35 | 15.50                               | 3                        |
|                 |            | 1       | 24        | 14.48                 | 14.57 | 14.33 | 15.50                               | 3                        |
|                 |            | 12      | 0         | 13.50                 | 13.50 | 13.42 | 14.50                               | 4                        |
|                 |            | 12      | 6         | 13.54                 | 13.50 | 13.47 | 14.50                               | 4                        |
|                 |            | 12      | 13        | 13.60                 | 13.42 | 13.41 | 14.50                               | 4                        |
|                 |            | 25      | 0         | 13.58                 | 13.35 | 13.43 | 14.50                               | 4                        |

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| LTE Band 14     |            |         |           |                       |       |  |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|--|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |  | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           |                       | 793   |  |                                     |                          |
| Channel         |            |         |           |                       | 23330 |  |                                     |                          |
| 10              | QPSK       | 1       | 0         |                       | 18.04 |  | 18.50                               | 0                        |
|                 |            | 1       | 25        |                       | 17.83 |  | 18.50                               | 0                        |
|                 |            | 1       | 49        |                       | 17.86 |  | 18.50                               | 0                        |
|                 |            | 25      | 0         |                       | 16.96 |  | 17.50                               | 1                        |
|                 |            | 25      | 12        |                       | 16.97 |  | 17.50                               | 1                        |
|                 |            | 25      | 25        |                       | 16.85 |  | 17.50                               | 1                        |
|                 |            | 50      | 0         |                       | 16.86 |  | 17.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         |                       | 16.94 |  | 17.50                               | 1                        |
|                 |            | 1       | 25        |                       | 16.82 |  | 17.50                               | 1                        |
|                 |            | 1       | 49        |                       | 16.93 |  | 17.50                               | 1                        |
|                 |            | 25      | 0         |                       | 15.84 |  | 16.50                               | 2                        |
|                 |            | 25      | 12        |                       | 15.74 |  | 16.50                               | 2                        |
|                 |            | 25      | 25        |                       | 15.89 |  | 16.50                               | 2                        |
|                 |            | 50      | 0         |                       | 15.88 |  | 16.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         |                       | 15.87 |  | 16.50                               | 2                        |
|                 |            | 1       | 25        |                       | 15.90 |  | 16.50                               | 2                        |
|                 |            | 1       | 49        |                       | 15.91 |  | 16.50                               | 2                        |
|                 |            | 25      | 0         |                       | 14.76 |  | 15.50                               | 3                        |
|                 |            | 25      | 12        |                       | 14.80 |  | 15.50                               | 3                        |
|                 |            | 25      | 25        |                       | 14.94 |  | 15.50                               | 3                        |
|                 |            | 50      | 0         |                       | 14.95 |  | 15.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         |                       | 14.88 |  | 15.50                               | 3                        |
|                 |            | 1       | 25        |                       | 15.01 |  | 15.50                               | 3                        |
|                 |            | 1       | 49        |                       | 14.80 |  | 15.50                               | 3                        |
|                 |            | 25      | 0         |                       | 13.81 |  | 14.50                               | 4                        |
|                 |            | 25      | 12        |                       | 13.87 |  | 14.50                               | 4                        |
|                 |            | 25      | 25        |                       | 13.85 |  | 14.50                               | 4                        |
|                 |            | 50      | 0         |                       | 13.88 |  | 14.50                               | 4                        |

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| LTE Band 14     |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 790.5                 | 793   | 795.5 |                                     |                          |
| Channel         |            |         |           | 23305                 | 23330 | 23355 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 17.93                 | 17.89 | 17.90 | 18.50                               | 0                        |
|                 |            | 1       | 12        | 17.64                 | 17.69 | 17.80 | 18.50                               | 0                        |
|                 |            | 1       | 24        | 17.84                 | 17.80 | 17.77 | 18.50                               | 0                        |
|                 |            | 12      | 0         | 16.71                 | 16.71 | 16.77 | 17.50                               | 1                        |
|                 |            | 12      | 6         | 16.69                 | 16.69 | 16.81 | 17.50                               | 1                        |
|                 |            | 12      | 13        | 16.81                 | 16.85 | 16.75 | 17.50                               | 1                        |
|                 |            | 25      | 0         | 16.80                 | 16.63 | 16.71 | 17.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 16.81                 | 16.67 | 16.81 | 17.50                               | 1                        |
|                 |            | 1       | 12        | 16.82                 | 16.77 | 16.83 | 17.50                               | 1                        |
|                 |            | 1       | 24        | 16.87                 | 16.64 | 16.79 | 17.50                               | 1                        |
|                 |            | 12      | 0         | 15.83                 | 15.80 | 15.69 | 16.50                               | 2                        |
|                 |            | 12      | 6         | 15.78                 | 15.70 | 15.73 | 16.50                               | 2                        |
|                 |            | 12      | 13        | 15.78                 | 15.68 | 15.81 | 16.50                               | 2                        |
|                 |            | 25      | 0         | 15.77                 | 15.84 | 15.67 | 16.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 15.90                 | 15.73 | 15.66 | 16.50                               | 2                        |
|                 |            | 1       | 12        | 15.83                 | 15.77 | 15.65 | 16.50                               | 2                        |
|                 |            | 1       | 24        | 15.73                 | 15.75 | 15.77 | 16.50                               | 2                        |
|                 |            | 12      | 0         | 14.83                 | 14.76 | 14.76 | 15.50                               | 3                        |
|                 |            | 12      | 6         | 14.69                 | 14.70 | 14.72 | 15.50                               | 3                        |
|                 |            | 12      | 13        | 14.90                 | 14.66 | 14.73 | 15.50                               | 3                        |
|                 |            | 25      | 0         | 14.88                 | 14.73 | 14.70 | 15.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 14.73                 | 14.73 | 14.76 | 15.50                               | 3                        |
|                 |            | 1       | 12        | 14.84                 | 14.82 | 14.87 | 15.50                               | 3                        |
|                 |            | 1       | 24        | 14.72                 | 14.74 | 14.72 | 15.50                               | 3                        |
|                 |            | 12      | 0         | 13.78                 | 13.85 | 13.83 | 14.50                               | 4                        |
|                 |            | 12      | 6         | 13.86                 | 13.79 | 13.66 | 14.50                               | 4                        |
|                 |            | 12      | 13        | 13.83                 | 13.78 | 13.78 | 14.50                               | 4                        |
|                 |            | 25      | 0         | 13.77                 | 13.71 | 13.78 | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 709                   | 710   | 711   |                                     |                          |
| Channel         |            |         |           | 23780                 | 23790 | 23800 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 17.90                 | 17.92 | 17.93 | 18.50                               | 0                        |
|                 |            | 1       | 25        | 17.64                 | 17.65 | 17.69 | 18.50                               | 0                        |
|                 |            | 1       | 49        | 17.77                 | 17.68 | 17.74 | 18.50                               | 0                        |
|                 |            | 25      | 0         | 16.79                 | 16.86 | 16.81 | 17.50                               | 1                        |
|                 |            | 25      | 12        | 16.72                 | 16.81 | 16.88 | 17.50                               | 1                        |
|                 |            | 25      | 25        | 16.71                 | 16.80 | 16.67 | 17.50                               | 1                        |
|                 |            | 50      | 0         | 16.72                 | 16.85 | 16.76 | 17.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 16.83                 | 16.71 | 16.73 | 17.50                               | 1                        |
|                 |            | 1       | 25        | 16.70                 | 16.82 | 16.74 | 17.50                               | 1                        |
|                 |            | 1       | 49        | 16.75                 | 16.76 | 16.79 | 17.50                               | 1                        |
|                 |            | 25      | 0         | 15.66                 | 15.81 | 15.65 | 16.50                               | 2                        |
|                 |            | 25      | 12        | 15.71                 | 15.71 | 15.76 | 16.50                               | 2                        |
|                 |            | 25      | 25        | 15.76                 | 15.66 | 15.77 | 16.50                               | 2                        |
|                 |            | 50      | 0         | 15.68                 | 15.75 | 15.77 | 16.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 15.83                 | 15.75 | 15.69 | 16.50                               | 2                        |
|                 |            | 1       | 25        | 15.67                 | 15.79 | 15.77 | 16.50                               | 2                        |
|                 |            | 1       | 49        | 15.79                 | 15.83 | 15.72 | 16.50                               | 2                        |
|                 |            | 25      | 0         | 14.70                 | 14.89 | 14.72 | 15.50                               | 3                        |
|                 |            | 25      | 12        | 14.65                 | 14.83 | 14.77 | 15.50                               | 3                        |
|                 |            | 25      | 25        | 14.72                 | 14.78 | 14.71 | 15.50                               | 3                        |
|                 |            | 50      | 0         | 14.75                 | 14.70 | 14.76 | 15.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 14.67                 | 14.70 | 14.68 | 15.50                               | 3                        |
|                 |            | 1       | 25        | 14.70                 | 14.77 | 14.78 | 15.50                               | 3                        |
|                 |            | 1       | 49        | 14.61                 | 14.66 | 14.78 | 15.50                               | 3                        |
|                 |            | 25      | 0         | 13.73                 | 13.78 | 13.77 | 14.50                               | 4                        |
|                 |            | 25      | 12        | 13.76                 | 13.78 | 13.73 | 14.50                               | 4                        |
|                 |            | 25      | 25        | 13.76                 | 13.79 | 13.86 | 14.50                               | 4                        |
|                 |            | 50      | 0         | 13.76                 | 13.76 | 13.77 | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 706.5                 | 710   | 713.5 |                                     |                          |
| Channel         |            |         |           | 23755                 | 23790 | 23825 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 17.72                 | 17.84 | 17.81 | 18.50                               | 0                        |
|                 |            | 1       | 12        | 17.83                 | 17.77 | 17.84 | 18.50                               | 0                        |
|                 |            | 1       | 24        | 17.88                 | 17.81 | 17.78 | 18.50                               | 0                        |
|                 |            | 12      | 0         | 16.86                 | 16.79 | 16.67 | 17.50                               | 1                        |
|                 |            | 12      | 6         | 16.74                 | 16.74 | 16.76 | 17.50                               | 1                        |
|                 |            | 12      | 13        | 16.70                 | 16.86 | 16.75 | 17.50                               | 1                        |
|                 |            | 25      | 0         | 16.80                 | 16.84 | 16.71 | 17.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 16.78                 | 16.82 | 16.69 | 17.50                               | 1                        |
|                 |            | 1       | 12        | 16.82                 | 16.67 | 16.77 | 17.50                               | 1                        |
|                 |            | 1       | 24        | 16.70                 | 16.78 | 16.83 | 17.50                               | 1                        |
|                 |            | 12      | 0         | 15.74                 | 15.82 | 15.78 | 16.50                               | 2                        |
|                 |            | 12      | 6         | 15.72                 | 15.75 | 15.83 | 16.50                               | 2                        |
|                 |            | 12      | 13        | 15.88                 | 15.73 | 15.77 | 16.50                               | 2                        |
|                 |            | 25      | 0         | 15.66                 | 15.71 | 15.76 | 16.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 15.68                 | 15.73 | 15.77 | 16.50                               | 2                        |
|                 |            | 1       | 12        | 15.67                 | 15.69 | 15.87 | 16.50                               | 2                        |
|                 |            | 1       | 24        | 15.79                 | 15.75 | 15.86 | 16.50                               | 2                        |
|                 |            | 12      | 0         | 14.82                 | 14.90 | 14.75 | 15.50                               | 3                        |
|                 |            | 12      | 6         | 14.79                 | 14.83 | 14.76 | 15.50                               | 3                        |
|                 |            | 12      | 13        | 14.68                 | 14.83 | 14.83 | 15.50                               | 3                        |
|                 |            | 25      | 0         | 14.78                 | 14.73 | 14.74 | 15.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 14.85                 | 14.83 | 14.74 | 15.50                               | 3                        |
|                 |            | 1       | 12        | 14.71                 | 14.80 | 14.74 | 15.50                               | 3                        |
|                 |            | 1       | 24        | 14.77                 | 14.85 | 14.83 | 15.50                               | 3                        |
|                 |            | 12      | 0         | 13.68                 | 13.78 | 13.80 | 14.50                               | 4                        |
|                 |            | 12      | 6         | 13.77                 | 13.76 | 13.74 | 14.50                               | 4                        |
|                 |            | 12      | 13        | 13.77                 | 13.76 | 13.79 | 14.50                               | 4                        |
|                 |            | 25      | 0         | 13.64                 | 13.74 | 13.75 | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5 | 841.5 |                                     |                          |
| Channel         |            |         |           | 26765                 | 26865 | 26965 |                                     |                          |
| 15              | QPSK       | 1       | 0         | 17.70                 | 17.51 | 17.61 | 18.50                               | 0                        |
|                 |            | 1       | 36        | 17.47                 | 17.26 | 17.50 | 18.50                               | 0                        |
|                 |            | 1       | 74        | 17.45                 | 17.38 | 17.51 | 18.50                               | 0                        |
|                 |            | 36      | 0         | 16.49                 | 16.28 | 16.50 | 17.50                               | 1                        |
|                 |            | 36      | 18        | 16.54                 | 16.29 | 16.51 | 17.50                               | 1                        |
|                 |            | 36      | 37        | 16.50                 | 16.40 | 16.40 | 17.50                               | 1                        |
|                 |            | 75      | 0         | 16.48                 | 16.41 | 16.46 | 17.50                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 16.57                 | 16.34 | 16.55 | 17.50                               | 1                        |
|                 |            | 1       | 36        | 16.67                 | 16.33 | 16.39 | 17.50                               | 1                        |
|                 |            | 1       | 74        | 16.54                 | 16.35 | 16.55 | 17.50                               | 1                        |
|                 |            | 36      | 0         | 15.56                 | 15.39 | 15.49 | 16.50                               | 2                        |
|                 |            | 36      | 18        | 15.45                 | 15.36 | 15.54 | 16.50                               | 2                        |
|                 |            | 36      | 37        | 15.50                 | 15.32 | 15.34 | 16.50                               | 2                        |
|                 |            | 75      | 0         | 15.49                 | 15.36 | 15.49 | 16.50                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 15.40                 | 15.25 | 15.47 | 16.50                               | 2                        |
|                 |            | 1       | 36        | 15.53                 | 15.42 | 15.50 | 16.50                               | 2                        |
|                 |            | 1       | 74        | 15.61                 | 15.33 | 15.39 | 16.50                               | 2                        |
|                 |            | 36      | 0         | 14.62                 | 14.32 | 14.41 | 15.50                               | 3                        |
|                 |            | 36      | 18        | 14.50                 | 14.28 | 14.35 | 15.50                               | 3                        |
|                 |            | 36      | 37        | 14.60                 | 14.42 | 14.52 | 15.50                               | 3                        |
|                 |            | 75      | 0         | 14.53                 | 14.34 | 14.39 | 15.50                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 14.58                 | 14.38 | 14.35 | 15.50                               | 3                        |
|                 |            | 1       | 36        | 14.53                 | 14.37 | 14.48 | 15.50                               | 3                        |
|                 |            | 1       | 74        | 14.51                 | 14.36 | 14.43 | 15.50                               | 3                        |
|                 |            | 36      | 0         | 13.53                 | 13.31 | 13.36 | 14.50                               | 4                        |
|                 |            | 36      | 18        | 13.52                 | 13.37 | 13.45 | 14.50                               | 4                        |
|                 |            | 36      | 37        | 13.53                 | 13.30 | 13.40 | 14.50                               | 4                        |
|                 |            | 75      | 0         | 13.55                 | 13.40 | 13.42 | 14.50                               | 4                        |

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| LTE Band 26_FCC |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 819                   | 831.5 | 844   |                                     |                          |
| Channel         |            |         |           | 26740                 | 26865 | 26990 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 17.54                 | 17.46 | 17.43 | 18.50                               | 0                        |
|                 |            | 1       | 25        | 17.48                 | 17.42 | 17.47 | 18.50                               | 0                        |
|                 |            | 1       | 49        | 17.50                 | 17.32 | 17.55 | 18.50                               | 0                        |
|                 |            | 25      | 0         | 16.61                 | 16.44 | 16.46 | 17.50                               | 1                        |
|                 |            | 25      | 12        | 16.54                 | 16.24 | 16.31 | 17.50                               | 1                        |
|                 |            | 25      | 25        | 16.52                 | 16.33 | 16.53 | 17.50                               | 1                        |
|                 |            | 50      | 0         | 16.48                 | 16.37 | 16.45 | 17.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 16.48                 | 16.39 | 16.45 | 17.50                               | 1                        |
|                 |            | 1       | 25        | 16.48                 | 16.37 | 16.43 | 17.50                               | 1                        |
|                 |            | 1       | 49        | 16.60                 | 16.28 | 16.48 | 17.50                               | 1                        |
|                 |            | 25      | 0         | 15.60                 | 15.29 | 15.36 | 16.50                               | 2                        |
|                 |            | 25      | 12        | 15.49                 | 15.38 | 15.35 | 16.50                               | 2                        |
|                 |            | 25      | 25        | 15.60                 | 15.32 | 15.46 | 16.50                               | 2                        |
|                 |            | 50      | 0         | 15.49                 | 15.42 | 15.33 | 16.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 15.61                 | 15.34 | 15.44 | 16.50                               | 2                        |
|                 |            | 1       | 25        | 15.51                 | 15.30 | 15.43 | 16.50                               | 2                        |
|                 |            | 1       | 49        | 15.59                 | 15.29 | 15.45 | 16.50                               | 2                        |
|                 |            | 25      | 0         | 14.58                 | 14.40 | 14.55 | 15.50                               | 3                        |
|                 |            | 25      | 12        | 14.56                 | 14.26 | 14.41 | 15.50                               | 3                        |
|                 |            | 25      | 25        | 14.48                 | 14.30 | 14.46 | 15.50                               | 3                        |
|                 |            | 50      | 0         | 14.57                 | 14.38 | 14.44 | 15.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 14.56                 | 14.36 | 14.48 | 15.50                               | 3                        |
|                 |            | 1       | 25        | 14.56                 | 14.28 | 14.38 | 15.50                               | 3                        |
|                 |            | 1       | 49        | 14.64                 | 14.29 | 14.50 | 15.50                               | 3                        |
|                 |            | 25      | 0         | 13.62                 | 13.37 | 13.33 | 14.50                               | 4                        |
|                 |            | 25      | 12        | 13.53                 | 13.30 | 13.42 | 14.50                               | 4                        |
|                 |            | 25      | 25        | 13.62                 | 13.33 | 13.40 | 14.50                               | 4                        |
|                 |            | 50      | 0         | 13.62                 | 13.38 | 13.53 | 14.50                               | 4                        |

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| LTE Band 26_FCC |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5 | 846.5 |                                     |                          |
| Channel         |            |         |           | 26715                 | 26865 | 27015 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 17.60                 | 17.35 | 17.58 | 18.50                               | 0                        |
|                 |            | 1       | 12        | 17.58                 | 17.24 | 17.36 | 18.50                               | 0                        |
|                 |            | 1       | 24        | 17.51                 | 17.27 | 17.46 | 18.50                               | 0                        |
|                 |            | 12      | 0         | 16.59                 | 16.34 | 16.52 | 17.50                               | 1                        |
|                 |            | 12      | 6         | 16.54                 | 16.29 | 16.43 | 17.50                               | 1                        |
|                 |            | 12      | 13        | 16.55                 | 16.32 | 16.46 | 17.50                               | 1                        |
|                 |            | 25      | 0         | 16.45                 | 16.33 | 16.48 | 17.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 16.53                 | 16.36 | 16.45 | 17.50                               | 1                        |
|                 |            | 1       | 12        | 16.56                 | 16.45 | 16.51 | 17.50                               | 1                        |
|                 |            | 1       | 24        | 16.62                 | 16.34 | 16.47 | 17.50                               | 1                        |
|                 |            | 12      | 0         | 15.43                 | 15.30 | 15.33 | 16.50                               | 2                        |
|                 |            | 12      | 6         | 15.65                 | 15.34 | 15.39 | 16.50                               | 2                        |
|                 |            | 12      | 13        | 15.56                 | 15.31 | 15.46 | 16.50                               | 2                        |
|                 |            | 25      | 0         | 15.61                 | 15.39 | 15.50 | 16.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 15.59                 | 15.39 | 15.40 | 16.50                               | 2                        |
|                 |            | 1       | 12        | 15.63                 | 15.36 | 15.51 | 16.50                               | 2                        |
|                 |            | 1       | 24        | 15.67                 | 15.42 | 15.31 | 16.50                               | 2                        |
|                 |            | 12      | 0         | 14.53                 | 14.31 | 14.33 | 15.50                               | 3                        |
|                 |            | 12      | 6         | 14.52                 | 14.38 | 14.45 | 15.50                               | 3                        |
|                 |            | 12      | 13        | 14.62                 | 14.21 | 14.42 | 15.50                               | 3                        |
|                 |            | 25      | 0         | 14.58                 | 14.24 | 14.46 | 15.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 14.47                 | 14.41 | 14.38 | 15.50                               | 3                        |
|                 |            | 1       | 12        | 14.51                 | 14.29 | 14.53 | 15.50                               | 3                        |
|                 |            | 1       | 24        | 14.65                 | 14.41 | 14.55 | 15.50                               | 3                        |
|                 |            | 12      | 0         | 13.60                 | 13.37 | 13.51 | 14.50                               | 4                        |
|                 |            | 12      | 6         | 13.62                 | 13.40 | 13.38 | 14.50                               | 4                        |
|                 |            | 12      | 13        | 13.55                 | 13.26 | 13.48 | 14.50                               | 4                        |
|                 |            | 25      | 0         | 13.51                 | 13.33 | 13.46 | 14.50                               | 4                        |

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| LTE Band 26_FCC |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 815.5                 | 831.5 | 847.5 |                                     |                          |
| Channel         |            |         |           | 26705                 | 26865 | 27025 |                                     |                          |
| 3               | QPSK       | 1       | 0         | 17.67                 | 17.41 | 17.42 | 18.50                               | 0                        |
|                 |            | 1       | 7         | 17.65                 | 17.44 | 17.54 | 18.50                               | 0                        |
|                 |            | 1       | 14        | 17.54                 | 17.33 | 17.32 | 18.50                               | 0                        |
|                 |            | 8       | 0         | 16.60                 | 16.30 | 16.42 | 17.50                               | 1                        |
|                 |            | 8       | 4         | 16.54                 | 16.33 | 16.40 | 17.50                               | 1                        |
|                 |            | 8       | 7         | 16.57                 | 16.28 | 16.50 | 17.50                               | 1                        |
|                 |            | 15      | 0         | 16.48                 | 16.37 | 16.48 | 17.50                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 16.47                 | 16.33 | 16.44 | 17.50                               | 1                        |
|                 |            | 1       | 7         | 16.57                 | 16.31 | 16.52 | 17.50                               | 1                        |
|                 |            | 1       | 14        | 16.58                 | 16.42 | 16.49 | 17.50                               | 1                        |
|                 |            | 8       | 0         | 15.64                 | 15.40 | 15.42 | 16.50                               | 2                        |
|                 |            | 8       | 4         | 15.59                 | 15.32 | 15.42 | 16.50                               | 2                        |
|                 |            | 8       | 7         | 15.59                 | 15.38 | 15.46 | 16.50                               | 2                        |
|                 |            | 15      | 0         | 15.50                 | 15.35 | 15.41 | 16.50                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 15.51                 | 15.24 | 15.31 | 16.50                               | 2                        |
|                 |            | 1       | 7         | 15.66                 | 15.47 | 15.49 | 16.50                               | 2                        |
|                 |            | 1       | 14        | 15.51                 | 15.35 | 15.34 | 16.50                               | 2                        |
|                 |            | 8       | 0         | 14.61                 | 14.25 | 14.48 | 15.50                               | 3                        |
|                 |            | 8       | 4         | 14.57                 | 14.35 | 14.53 | 15.50                               | 3                        |
|                 |            | 8       | 7         | 14.49                 | 14.36 | 14.46 | 15.50                               | 3                        |
|                 |            | 15      | 0         | 14.65                 | 14.38 | 14.51 | 15.50                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 14.47                 | 14.41 | 14.40 | 15.50                               | 3                        |
|                 |            | 1       | 7         | 14.54                 | 14.35 | 14.36 | 15.50                               | 3                        |
|                 |            | 1       | 14        | 14.52                 | 14.37 | 14.45 | 15.50                               | 3                        |
|                 |            | 8       | 0         | 13.60                 | 13.29 | 13.45 | 14.50                               | 4                        |
|                 |            | 8       | 4         | 13.55                 | 13.38 | 13.40 | 14.50                               | 4                        |
|                 |            | 8       | 7         | 13.47                 | 13.36 | 13.35 | 14.50                               | 4                        |
|                 |            | 15      | 0         | 13.50                 | 13.44 | 13.32 | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 814.7                 | 831.5 | 848.3 |                                     |                          |
| Channel         |            |         |           | 26697                 | 26865 | 27033 |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 17.56                 | 17.36 | 17.31 | 18.50                               | 0                        |
|                 |            | 1       | 2         | 17.45                 | 17.28 | 17.18 | 18.50                               | 0                        |
|                 |            | 1       | 5         | 17.51                 | 17.25 | 17.17 | 18.50                               | 0                        |
|                 |            | 3       | 0         | 17.45                 | 17.21 | 17.31 | 18.50                               | 0                        |
|                 |            | 3       | 2         | 17.55                 | 17.12 | 17.20 | 18.50                               | 0                        |
|                 |            | 3       | 3         | 17.43                 | 17.22 | 17.31 | 18.50                               | 0                        |
|                 |            | 6       | 0         | 16.57                 | 16.33 | 16.14 | 17.50                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 16.51                 | 16.34 | 16.24 | 17.50                               | 1                        |
|                 |            | 1       | 2         | 16.55                 | 16.27 | 16.19 | 17.50                               | 1                        |
|                 |            | 1       | 5         | 16.42                 | 16.24 | 16.28 | 17.50                               | 1                        |
|                 |            | 3       | 0         | 16.41                 | 16.29 | 16.26 | 17.50                               | 1                        |
|                 |            | 3       | 2         | 16.46                 | 16.26 | 16.33 | 17.50                               | 1                        |
|                 |            | 3       | 3         | 16.53                 | 16.32 | 16.21 | 17.50                               | 1                        |
|                 |            | 6       | 0         | 15.57                 | 15.32 | 15.34 | 16.50                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 15.53                 | 15.20 | 15.25 | 16.50                               | 2                        |
|                 |            | 1       | 2         | 15.47                 | 15.25 | 15.29 | 16.50                               | 2                        |
|                 |            | 1       | 5         | 15.57                 | 15.30 | 15.28 | 16.50                               | 2                        |
|                 |            | 3       | 0         | 15.49                 | 15.38 | 15.37 | 16.50                               | 2                        |
|                 |            | 3       | 2         | 15.51                 | 15.27 | 15.24 | 16.50                               | 2                        |
|                 |            | 3       | 3         | 15.47                 | 15.20 | 15.15 | 16.50                               | 2                        |
|                 |            | 6       | 0         | 14.58                 | 14.31 | 14.29 | 15.50                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 14.58                 | 14.16 | 14.21 | 15.50                               | 3                        |
|                 |            | 1       | 2         | 14.42                 | 14.15 | 14.24 | 15.50                               | 3                        |
|                 |            | 1       | 5         | 14.37                 | 14.32 | 14.36 | 15.50                               | 3                        |
|                 |            | 3       | 0         | 14.46                 | 14.20 | 14.28 | 15.50                               | 3                        |
|                 |            | 3       | 2         | 14.53                 | 14.28 | 14.19 | 15.50                               | 3                        |
|                 |            | 3       | 3         | 14.51                 | 14.17 | 14.25 | 15.50                               | 3                        |
|                 |            | 6       | 0         | 13.55                 | 13.37 | 13.31 | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 673                   | 680.5  | 688    |                                     |                          |
| Channel         |            |         |           | 133222                | 133297 | 133372 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 19.76                 | 19.73  | 19.85  | 20.00                               | 0                        |
|                 |            | 1       | 50        | 19.59                 | 19.47  | 19.73  | 20.00                               | 0                        |
|                 |            | 1       | 99        | 19.56                 | 19.58  | 19.62  | 20.00                               | 0                        |
|                 |            | 50      | 0         | 18.58                 | 18.62  | 18.72  | 19.00                               | 1                        |
|                 |            | 50      | 25        | 18.63                 | 18.48  | 18.71  | 19.00                               | 1                        |
|                 |            | 50      | 50        | 18.50                 | 18.54  | 18.62  | 19.00                               | 1                        |
|                 |            | 100     | 0         | 18.56                 | 18.61  | 18.65  | 19.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 18.66                 | 18.49  | 18.72  | 19.00                               | 1                        |
|                 |            | 1       | 50        | 18.50                 | 18.54  | 18.69  | 19.00                               | 1                        |
|                 |            | 1       | 99        | 18.61                 | 18.63  | 18.76  | 19.00                               | 1                        |
|                 |            | 50      | 0         | 17.69                 | 17.46  | 17.68  | 18.00                               | 2                        |
|                 |            | 50      | 25        | 17.67                 | 17.63  | 17.71  | 18.00                               | 2                        |
|                 |            | 50      | 50        | 17.62                 | 17.55  | 17.72  | 18.00                               | 2                        |
|                 |            | 100     | 0         | 17.66                 | 17.51  | 17.81  | 18.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 17.51                 | 17.59  | 17.72  | 18.00                               | 2                        |
|                 |            | 1       | 50        | 17.53                 | 17.45  | 17.74  | 18.00                               | 2                        |
|                 |            | 1       | 99        | 17.65                 | 17.61  | 17.65  | 18.00                               | 2                        |
|                 |            | 50      | 0         | 16.70                 | 16.56  | 16.73  | 17.00                               | 3                        |
|                 |            | 50      | 25        | 16.59                 | 16.66  | 16.79  | 17.00                               | 3                        |
|                 |            | 50      | 50        | 16.62                 | 16.48  | 16.65  | 17.00                               | 3                        |
|                 |            | 100     | 0         | 16.59                 | 16.63  | 16.66  | 17.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 16.55                 | 16.59  | 16.66  | 17.00                               | 3                        |
|                 |            | 1       | 50        | 16.58                 | 16.51  | 16.67  | 17.00                               | 3                        |
|                 |            | 1       | 99        | 16.67                 | 16.53  | 16.69  | 17.00                               | 3                        |
|                 |            | 50      | 0         | 15.47                 | 15.61  | 15.77  | 16.00                               | 4                        |
|                 |            | 50      | 25        | 15.48                 | 15.68  | 15.60  | 16.00                               | 4                        |
|                 |            | 50      | 50        | 15.59                 | 15.48  | 15.73  | 16.00                               | 4                        |
|                 |            | 100     | 0         | 15.60                 | 15.59  | 15.70  | 16.00                               | 4                        |

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| LTE Band 71     |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5  | 690.5  |                                     |                          |
| Channel         |            |         |           | 133197                | 133297 | 133397 |                                     |                          |
| 15              | QPSK       | 1       | 0         | 19.50                 | 19.61  | 19.65  | 20.00                               | 0                        |
|                 |            | 1       | 36        | 19.71                 | 19.65  | 19.63  | 20.00                               | 0                        |
|                 |            | 1       | 74        | 19.54                 | 19.61  | 19.62  | 20.00                               | 0                        |
|                 |            | 36      | 0         | 18.61                 | 18.47  | 18.74  | 19.00                               | 1                        |
|                 |            | 36      | 18        | 18.56                 | 18.50  | 18.81  | 19.00                               | 1                        |
|                 |            | 36      | 37        | 18.61                 | 18.59  | 18.74  | 19.00                               | 1                        |
|                 |            | 75      | 0         | 18.63                 | 18.61  | 18.55  | 19.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 18.54                 | 18.55  | 18.82  | 19.00                               | 1                        |
|                 |            | 1       | 36        | 18.53                 | 18.55  | 18.73  | 19.00                               | 1                        |
|                 |            | 1       | 74        | 18.58                 | 18.61  | 18.71  | 19.00                               | 1                        |
|                 |            | 36      | 0         | 17.52                 | 17.53  | 17.58  | 18.00                               | 2                        |
|                 |            | 36      | 18        | 17.49                 | 17.44  | 17.66  | 18.00                               | 2                        |
|                 |            | 36      | 37        | 17.62                 | 17.43  | 17.65  | 18.00                               | 2                        |
|                 |            | 75      | 0         | 17.58                 | 17.58  | 17.78  | 18.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 17.56                 | 17.52  | 17.65  | 18.00                               | 2                        |
|                 |            | 1       | 36        | 17.61                 | 17.60  | 17.74  | 18.00                               | 2                        |
|                 |            | 1       | 74        | 17.67                 | 17.57  | 17.78  | 18.00                               | 2                        |
|                 |            | 36      | 0         | 16.61                 | 16.49  | 16.66  | 17.00                               | 3                        |
|                 |            | 36      | 18        | 16.57                 | 16.51  | 16.61  | 17.00                               | 3                        |
|                 |            | 36      | 37        | 16.65                 | 16.53  | 16.73  | 17.00                               | 3                        |
|                 |            | 75      | 0         | 16.58                 | 16.52  | 16.67  | 17.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 16.58                 | 16.51  | 16.68  | 17.00                               | 3                        |
|                 |            | 1       | 36        | 16.62                 | 16.61  | 16.75  | 17.00                               | 3                        |
|                 |            | 1       | 74        | 16.51                 | 16.58  | 16.64  | 17.00                               | 3                        |
|                 |            | 36      | 0         | 15.60                 | 15.65  | 15.64  | 16.00                               | 4                        |
|                 |            | 36      | 18        | 15.68                 | 15.54  | 15.63  | 16.00                               | 4                        |
|                 |            | 36      | 37        | 15.53                 | 15.51  | 15.65  | 16.00                               | 4                        |
|                 |            | 75      | 0         | 15.57                 | 15.56  | 15.78  | 16.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 668                   | 680.5  | 693    |                                     |                          |
| Channel         |            |         |           | 133172                | 133297 | 133422 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 19.72                 | 19.50  | 19.70  | 20.00                               | 0                        |
|                 |            | 1       | 25        | 19.58                 | 19.48  | 19.63  | 20.00                               | 0                        |
|                 |            | 1       | 49        | 19.55                 | 19.62  | 19.68  | 20.00                               | 0                        |
|                 |            | 25      | 0         | 18.63                 | 18.52  | 18.69  | 19.00                               | 1                        |
|                 |            | 25      | 12        | 18.67                 | 18.62  | 18.61  | 19.00                               | 1                        |
|                 |            | 25      | 25        | 18.67                 | 18.58  | 18.80  | 19.00                               | 1                        |
|                 |            | 50      | 0         | 18.67                 | 18.60  | 18.62  | 19.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 18.53                 | 18.58  | 18.76  | 19.00                               | 1                        |
|                 |            | 1       | 25        | 18.53                 | 18.58  | 18.62  | 19.00                               | 1                        |
|                 |            | 1       | 49        | 18.64                 | 18.61  | 18.69  | 19.00                               | 1                        |
|                 |            | 25      | 0         | 17.61                 | 17.63  | 17.67  | 18.00                               | 2                        |
|                 |            | 25      | 12        | 17.67                 | 17.44  | 17.57  | 18.00                               | 2                        |
|                 |            | 25      | 25        | 17.62                 | 17.67  | 17.75  | 18.00                               | 2                        |
|                 |            | 50      | 0         | 17.65                 | 17.66  | 17.67  | 18.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 17.59                 | 17.56  | 17.62  | 18.00                               | 2                        |
|                 |            | 1       | 25        | 17.68                 | 17.50  | 17.69  | 18.00                               | 2                        |
|                 |            | 1       | 49        | 17.63                 | 17.53  | 17.64  | 18.00                               | 2                        |
|                 |            | 25      | 0         | 16.59                 | 16.52  | 16.58  | 17.00                               | 3                        |
|                 |            | 25      | 12        | 16.56                 | 16.59  | 16.71  | 17.00                               | 3                        |
|                 |            | 25      | 25        | 16.50                 | 16.47  | 16.62  | 17.00                               | 3                        |
|                 |            | 50      | 0         | 16.48                 | 16.53  | 16.56  | 17.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 16.66                 | 16.47  | 16.67  | 17.00                               | 3                        |
|                 |            | 1       | 25        | 16.63                 | 16.54  | 16.70  | 17.00                               | 3                        |
|                 |            | 1       | 49        | 16.73                 | 16.58  | 16.73  | 17.00                               | 3                        |
|                 |            | 25      | 0         | 15.57                 | 15.61  | 15.73  | 16.00                               | 4                        |
|                 |            | 25      | 12        | 15.49                 | 15.58  | 15.67  | 16.00                               | 4                        |
|                 |            | 25      | 25        | 15.64                 | 15.57  | 15.64  | 16.00                               | 4                        |
|                 |            | 50      | 0         | 15.60                 | 15.49  | 15.56  | 16.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5  | 695.5  |                                     |                          |
| Channel         |            |         |           | 133147                | 133297 | 133447 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 19.55                 | 19.61  | 19.66  | 20.00                               | 0                        |
|                 |            | 1       | 12        | 19.59                 | 19.66  | 19.72  | 20.00                               | 0                        |
|                 |            | 1       | 24        | 19.68                 | 19.53  | 19.66  | 20.00                               | 0                        |
|                 |            | 12      | 0         | 18.50                 | 18.57  | 18.74  | 19.00                               | 1                        |
|                 |            | 12      | 6         | 18.66                 | 18.60  | 18.70  | 19.00                               | 1                        |
|                 |            | 12      | 13        | 18.65                 | 18.50  | 18.64  | 19.00                               | 1                        |
|                 |            | 25      | 0         | 18.62                 | 18.50  | 18.62  | 19.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 18.61                 | 18.52  | 18.60  | 19.00                               | 1                        |
|                 |            | 1       | 12        | 18.61                 | 18.55  | 18.74  | 19.00                               | 1                        |
|                 |            | 1       | 24        | 18.70                 | 18.70  | 18.69  | 19.00                               | 1                        |
|                 |            | 12      | 0         | 17.62                 | 17.60  | 17.74  | 18.00                               | 2                        |
|                 |            | 12      | 6         | 17.67                 | 17.61  | 17.64  | 18.00                               | 2                        |
|                 |            | 12      | 13        | 17.60                 | 17.47  | 17.68  | 18.00                               | 2                        |
|                 |            | 25      | 0         | 17.65                 | 17.54  | 17.61  | 18.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 17.58                 | 17.55  | 17.66  | 18.00                               | 2                        |
|                 |            | 1       | 12        | 17.56                 | 17.59  | 17.60  | 18.00                               | 2                        |
|                 |            | 1       | 24        | 17.53                 | 17.63  | 17.67  | 18.00                               | 2                        |
|                 |            | 12      | 0         | 16.57                 | 16.53  | 16.61  | 17.00                               | 3                        |
|                 |            | 12      | 6         | 16.57                 | 16.70  | 16.71  | 17.00                               | 3                        |
|                 |            | 12      | 13        | 16.61                 | 16.59  | 16.68  | 17.00                               | 3                        |
|                 |            | 25      | 0         | 16.55                 | 16.68  | 16.66  | 17.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 16.58                 | 16.50  | 16.58  | 17.00                               | 3                        |
|                 |            | 1       | 12        | 16.64                 | 16.61  | 16.68  | 17.00                               | 3                        |
|                 |            | 1       | 24        | 16.71                 | 16.62  | 16.70  | 17.00                               | 3                        |
|                 |            | 12      | 0         | 15.61                 | 15.64  | 15.66  | 16.00                               | 4                        |
|                 |            | 12      | 6         | 15.48                 | 15.59  | 15.78  | 16.00                               | 4                        |
|                 |            | 12      | 13        | 15.51                 | 15.61  | 15.66  | 16.00                               | 4                        |
|                 |            | 25      | 0         | 15.57                 | 15.56  | 15.70  | 16.00                               | 4                        |

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## Ant8

| LTE Band 2      |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1860                  | 1880  | 1900  |                                     |                          |
| Channel         |            |         |           | 18700                 | 18900 | 19100 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 15.84                 | 16.14 | 16.21 | 16.50                               | 0                        |
|                 |            | 1       | 50        | 15.69                 | 15.91 | 16.11 | 16.50                               | 0                        |
|                 |            | 1       | 99        | 15.71                 | 15.93 | 16.00 | 16.50                               | 0                        |
|                 |            | 50      | 0         | 14.68                 | 15.01 | 15.03 | 15.50                               | 1                        |
|                 |            | 50      | 25        | 14.69                 | 15.04 | 15.08 | 15.50                               | 1                        |
|                 |            | 50      | 50        | 14.74                 | 14.94 | 15.05 | 15.50                               | 1                        |
|                 |            | 100     | 0         | 14.64                 | 14.93 | 15.05 | 15.50                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 14.71                 | 14.98 | 15.02 | 15.50                               | 1                        |
|                 |            | 1       | 50        | 14.74                 | 14.95 | 15.10 | 15.50                               | 1                        |
|                 |            | 1       | 99        | 14.80                 | 15.04 | 15.02 | 15.50                               | 1                        |
|                 |            | 50      | 0         | 13.78                 | 14.06 | 14.12 | 14.50                               | 2                        |
|                 |            | 50      | 25        | 13.66                 | 14.04 | 14.03 | 14.50                               | 2                        |
|                 |            | 50      | 50        | 13.59                 | 13.98 | 14.04 | 14.50                               | 2                        |
|                 |            | 100     | 0         | 13.64                 | 13.90 | 14.06 | 14.50                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 13.68                 | 14.04 | 14.12 | 14.50                               | 2                        |
|                 |            | 1       | 50        | 13.60                 | 13.98 | 14.09 | 14.50                               | 2                        |
|                 |            | 1       | 99        | 13.65                 | 13.87 | 14.15 | 14.50                               | 2                        |
|                 |            | 50      | 0         | 12.58                 | 13.07 | 12.94 | 13.50                               | 3                        |
|                 |            | 50      | 25        | 12.69                 | 13.03 | 13.03 | 13.50                               | 3                        |
|                 |            | 50      | 50        | 12.68                 | 13.01 | 12.96 | 13.50                               | 3                        |
|                 |            | 100     | 0         | 12.66                 | 13.06 | 13.00 | 13.50                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 12.64                 | 13.02 | 12.92 | 13.50                               | 3                        |
|                 |            | 1       | 50        | 12.63                 | 13.01 | 13.07 | 13.50                               | 3                        |
|                 |            | 1       | 99        | 12.65                 | 13.08 | 13.11 | 13.50                               | 3                        |
|                 |            | 50      | 0         | 11.55                 | 12.01 | 12.11 | 12.50                               | 4                        |
|                 |            | 50      | 25        | 11.58                 | 11.95 | 12.06 | 12.50                               | 4                        |
|                 |            | 50      | 50        | 11.57                 | 12.00 | 12.11 | 12.50                               | 4                        |
|                 |            | 100     | 0         | 11.67                 | 11.98 | 11.97 | 12.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1857.5                | 1880  | 1902.5 |                                     |                          |
| Channel         |            |         |           | 18675                 | 18900 | 19125  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 15.58                 | 15.91 | 16.01  | 16.50                               | 0                        |
|                 |            | 1       | 36        | 15.69                 | 15.98 | 15.95  | 16.50                               | 0                        |
|                 |            | 1       | 74        | 15.58                 | 16.05 | 16.05  | 16.50                               | 0                        |
|                 |            | 36      | 0         | 14.68                 | 15.02 | 15.03  | 15.50                               | 1                        |
|                 |            | 36      | 18        | 14.78                 | 15.01 | 14.98  | 15.50                               | 1                        |
|                 |            | 36      | 37        | 14.68                 | 15.03 | 15.14  | 15.50                               | 1                        |
|                 |            | 75      | 0         | 14.64                 | 15.04 | 14.98  | 15.50                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 14.67                 | 14.96 | 14.95  | 15.50                               | 1                        |
|                 |            | 1       | 36        | 14.65                 | 15.02 | 15.10  | 15.50                               | 1                        |
|                 |            | 1       | 74        | 14.73                 | 14.95 | 14.98  | 15.50                               | 1                        |
|                 |            | 36      | 0         | 13.64                 | 14.03 | 14.07  | 14.50                               | 2                        |
|                 |            | 36      | 18        | 13.60                 | 13.98 | 14.09  | 14.50                               | 2                        |
|                 |            | 36      | 37        | 13.65                 | 13.94 | 14.05  | 14.50                               | 2                        |
|                 |            | 75      | 0         | 13.77                 | 14.04 | 13.99  | 14.50                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 13.75                 | 13.93 | 13.94  | 14.50                               | 2                        |
|                 |            | 1       | 36        | 13.71                 | 14.02 | 14.06  | 14.50                               | 2                        |
|                 |            | 1       | 74        | 13.60                 | 13.86 | 14.09  | 14.50                               | 2                        |
|                 |            | 36      | 0         | 12.82                 | 13.02 | 13.06  | 13.50                               | 3                        |
|                 |            | 36      | 18        | 12.67                 | 12.95 | 12.96  | 13.50                               | 3                        |
|                 |            | 36      | 37        | 12.55                 | 12.97 | 13.02  | 13.50                               | 3                        |
|                 |            | 75      | 0         | 12.75                 | 13.00 | 12.95  | 13.50                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 12.74                 | 13.07 | 12.97  | 13.50                               | 3                        |
|                 |            | 1       | 36        | 12.64                 | 12.97 | 13.05  | 13.50                               | 3                        |
|                 |            | 1       | 74        | 12.79                 | 12.96 | 13.05  | 13.50                               | 3                        |
|                 |            | 36      | 0         | 11.71                 | 12.00 | 12.01  | 12.50                               | 4                        |
|                 |            | 36      | 18        | 11.62                 | 12.06 | 11.96  | 12.50                               | 4                        |
|                 |            | 36      | 37        | 11.61                 | 12.03 | 12.17  | 12.50                               | 4                        |
|                 |            | 75      | 0         | 11.71                 | 12.04 | 12.12  | 12.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1855                  | 1880  | 1905  |                                     |                          |
| Channel         |            |         |           | 18650                 | 18900 | 19150 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 15.69                 | 16.07 | 16.05 | 16.50                               | 0                        |
|                 |            | 1       | 25        | 15.68                 | 15.89 | 16.05 | 16.50                               | 0                        |
|                 |            | 1       | 49        | 15.60                 | 15.93 | 16.02 | 16.50                               | 0                        |
|                 |            | 25      | 0         | 14.69                 | 14.86 | 14.98 | 15.50                               | 1                        |
|                 |            | 25      | 12        | 14.71                 | 15.03 | 15.15 | 15.50                               | 1                        |
|                 |            | 25      | 25        | 14.60                 | 14.94 | 15.13 | 15.50                               | 1                        |
|                 |            | 50      | 0         | 14.70                 | 14.99 | 15.17 | 15.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 14.64                 | 14.94 | 15.04 | 15.50                               | 1                        |
|                 |            | 1       | 25        | 14.69                 | 15.02 | 14.92 | 15.50                               | 1                        |
|                 |            | 1       | 49        | 14.62                 | 15.04 | 15.09 | 15.50                               | 1                        |
|                 |            | 25      | 0         | 13.64                 | 14.09 | 14.06 | 14.50                               | 2                        |
|                 |            | 25      | 12        | 13.68                 | 14.03 | 14.01 | 14.50                               | 2                        |
|                 |            | 25      | 25        | 13.62                 | 13.96 | 14.12 | 14.50                               | 2                        |
|                 |            | 50      | 0         | 13.79                 | 13.98 | 14.09 | 14.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 13.74                 | 13.92 | 14.02 | 14.50                               | 2                        |
|                 |            | 1       | 25        | 13.82                 | 13.96 | 14.00 | 14.50                               | 2                        |
|                 |            | 1       | 49        | 13.80                 | 14.04 | 14.04 | 14.50                               | 2                        |
|                 |            | 25      | 0         | 12.63                 | 12.97 | 13.17 | 13.50                               | 3                        |
|                 |            | 25      | 12        | 12.64                 | 13.06 | 13.05 | 13.50                               | 3                        |
|                 |            | 25      | 25        | 12.64                 | 13.01 | 12.92 | 13.50                               | 3                        |
|                 |            | 50      | 0         | 12.71                 | 13.02 | 13.13 | 13.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 12.66                 | 13.09 | 13.13 | 13.50                               | 3                        |
|                 |            | 1       | 25        | 12.71                 | 13.02 | 13.08 | 13.50                               | 3                        |
|                 |            | 1       | 49        | 12.63                 | 12.92 | 13.05 | 13.50                               | 3                        |
|                 |            | 25      | 0         | 11.68                 | 12.03 | 12.05 | 12.50                               | 4                        |
|                 |            | 25      | 12        | 11.68                 | 12.06 | 12.00 | 12.50                               | 4                        |
|                 |            | 25      | 25        | 11.62                 | 11.98 | 11.94 | 12.50                               | 4                        |
|                 |            | 50      | 0         | 11.58                 | 12.06 | 12.05 | 12.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1852.5                | 1880  | 1907.5 |                                     |                          |
| Channel         |            |         |           | 18625                 | 18900 | 19175  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 15.56                 | 16.00 | 15.99  | 16.50                               | 0                        |
|                 |            | 1       | 12        | 15.62                 | 15.91 | 15.96  | 16.50                               | 0                        |
|                 |            | 1       | 24        | 15.71                 | 15.85 | 15.95  | 16.50                               | 0                        |
|                 |            | 12      | 0         | 14.67                 | 14.97 | 15.08  | 15.50                               | 1                        |
|                 |            | 12      | 6         | 14.78                 | 15.05 | 15.08  | 15.50                               | 1                        |
|                 |            | 12      | 13        | 14.58                 | 15.03 | 15.05  | 15.50                               | 1                        |
|                 |            | 25      | 0         | 14.70                 | 14.98 | 15.04  | 15.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 14.65                 | 14.97 | 15.03  | 15.50                               | 1                        |
|                 |            | 1       | 12        | 14.58                 | 14.94 | 15.09  | 15.50                               | 1                        |
|                 |            | 1       | 24        | 14.77                 | 14.94 | 14.94  | 15.50                               | 1                        |
|                 |            | 12      | 0         | 13.70                 | 13.90 | 14.11  | 14.50                               | 2                        |
|                 |            | 12      | 6         | 13.81                 | 14.01 | 14.13  | 14.50                               | 2                        |
|                 |            | 12      | 13        | 13.62                 | 14.01 | 14.07  | 14.50                               | 2                        |
|                 |            | 25      | 0         | 13.64                 | 13.94 | 14.12  | 14.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 13.63                 | 13.92 | 14.18  | 14.50                               | 2                        |
|                 |            | 1       | 12        | 13.67                 | 13.89 | 13.97  | 14.50                               | 2                        |
|                 |            | 1       | 24        | 13.65                 | 13.98 | 14.15  | 14.50                               | 2                        |
|                 |            | 12      | 0         | 12.71                 | 13.09 | 13.11  | 13.50                               | 3                        |
|                 |            | 12      | 6         | 12.67                 | 12.93 | 13.12  | 13.50                               | 3                        |
|                 |            | 12      | 13        | 12.70                 | 12.97 | 13.00  | 13.50                               | 3                        |
|                 |            | 25      | 0         | 12.73                 | 13.00 | 13.14  | 13.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 12.64                 | 12.91 | 12.93  | 13.50                               | 3                        |
|                 |            | 1       | 12        | 12.69                 | 12.90 | 13.17  | 13.50                               | 3                        |
|                 |            | 1       | 24        | 12.76                 | 12.97 | 13.05  | 13.50                               | 3                        |
|                 |            | 12      | 0         | 11.66                 | 11.87 | 12.07  | 12.50                               | 4                        |
|                 |            | 12      | 6         | 11.71                 | 11.95 | 12.08  | 12.50                               | 4                        |
|                 |            | 12      | 13        | 11.69                 | 11.91 | 12.08  | 12.50                               | 4                        |
|                 |            | 25      | 0         | 11.65                 | 11.93 | 12.06  | 12.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1851.5                | 1880  | 1908.5 |                                     |                          |
| Channel         |            |         |           | 18615                 | 18900 | 19185  |                                     |                          |
| 3               | QPSK       | 1       | 0         | 15.70                 | 15.94 | 16.07  | 16.50                               | 0                        |
|                 |            | 1       | 7         | 15.72                 | 16.08 | 16.13  | 16.50                               | 0                        |
|                 |            | 1       | 14        | 15.68                 | 16.06 | 15.97  | 16.50                               | 0                        |
|                 |            | 8       | 0         | 14.73                 | 14.95 | 15.11  | 15.50                               | 1                        |
|                 |            | 8       | 4         | 14.64                 | 14.97 | 14.95  | 15.50                               | 1                        |
|                 |            | 8       | 7         | 14.59                 | 14.99 | 15.06  | 15.50                               | 1                        |
|                 |            | 15      | 0         | 14.62                 | 15.04 | 15.05  | 15.50                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 14.64                 | 15.00 | 15.08  | 15.50                               | 1                        |
|                 |            | 1       | 7         | 14.73                 | 14.94 | 14.99  | 15.50                               | 1                        |
|                 |            | 1       | 14        | 14.71                 | 15.03 | 15.08  | 15.50                               | 1                        |
|                 |            | 8       | 0         | 13.75                 | 14.00 | 14.08  | 14.50                               | 2                        |
|                 |            | 8       | 4         | 13.63                 | 13.96 | 14.16  | 14.50                               | 2                        |
|                 |            | 8       | 7         | 13.68                 | 13.91 | 14.10  | 14.50                               | 2                        |
|                 |            | 15      | 0         | 13.65                 | 13.95 | 14.18  | 14.50                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 13.67                 | 13.99 | 13.99  | 14.50                               | 2                        |
|                 |            | 1       | 7         | 13.73                 | 13.94 | 14.02  | 14.50                               | 2                        |
|                 |            | 1       | 14        | 13.68                 | 14.00 | 14.13  | 14.50                               | 2                        |
|                 |            | 8       | 0         | 12.66                 | 12.98 | 13.05  | 13.50                               | 3                        |
|                 |            | 8       | 4         | 12.65                 | 13.09 | 12.95  | 13.50                               | 3                        |
|                 |            | 8       | 7         | 12.64                 | 12.87 | 13.08  | 13.50                               | 3                        |
|                 |            | 15      | 0         | 12.66                 | 12.96 | 13.08  | 13.50                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 12.70                 | 12.98 | 13.13  | 13.50                               | 3                        |
|                 |            | 1       | 7         | 12.68                 | 12.98 | 13.10  | 13.50                               | 3                        |
|                 |            | 1       | 14        | 12.70                 | 13.00 | 13.02  | 13.50                               | 3                        |
|                 |            | 8       | 0         | 11.73                 | 11.91 | 11.98  | 12.50                               | 4                        |
|                 |            | 8       | 4         | 11.58                 | 12.10 | 12.04  | 12.50                               | 4                        |
|                 |            | 8       | 7         | 11.55                 | 12.06 | 12.06  | 12.50                               | 4                        |
|                 |            | 15      | 0         | 11.77                 | 11.99 | 12.02  | 12.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1850.7                | 1880  | 1909.3 |                                     |                          |
| Channel         |            |         |           | 18607                 | 18900 | 19193  |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 15.55                 | 15.82 | 15.91  | 16.50                               | 0                        |
|                 |            | 1       | 2         | 15.53                 | 15.79 | 15.88  | 16.50                               | 0                        |
|                 |            | 1       | 5         | 15.66                 | 15.87 | 15.95  | 16.50                               | 0                        |
|                 |            | 3       | 0         | 15.54                 | 15.66 | 15.92  | 16.50                               | 0                        |
|                 |            | 3       | 2         | 15.50                 | 15.89 | 15.86  | 16.50                               | 0                        |
|                 |            | 3       | 3         | 15.59                 | 15.83 | 16.02  | 16.50                               | 0                        |
|                 |            | 6       | 0         | 14.61                 | 14.73 | 14.95  | 15.50                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 14.67                 | 14.77 | 14.92  | 15.50                               | 1                        |
|                 |            | 1       | 2         | 14.49                 | 14.72 | 14.94  | 15.50                               | 1                        |
|                 |            | 1       | 5         | 14.59                 | 14.79 | 14.96  | 15.50                               | 1                        |
|                 |            | 3       | 0         | 14.62                 | 14.83 | 14.94  | 15.50                               | 1                        |
|                 |            | 3       | 2         | 14.54                 | 14.83 | 14.98  | 15.50                               | 1                        |
|                 |            | 3       | 3         | 14.58                 | 14.83 | 14.88  | 15.50                               | 1                        |
|                 |            | 6       | 0         | 13.46                 | 13.70 | 13.89  | 14.50                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 13.56                 | 13.73 | 13.83  | 14.50                               | 2                        |
|                 |            | 1       | 2         | 13.62                 | 13.79 | 13.83  | 14.50                               | 2                        |
|                 |            | 1       | 5         | 13.58                 | 13.77 | 13.88  | 14.50                               | 2                        |
|                 |            | 3       | 0         | 13.55                 | 13.83 | 13.93  | 14.50                               | 2                        |
|                 |            | 3       | 2         | 13.63                 | 13.84 | 13.84  | 14.50                               | 2                        |
|                 |            | 3       | 3         | 13.63                 | 13.73 | 13.95  | 14.50                               | 2                        |
|                 |            | 6       | 0         | 12.51                 | 12.74 | 12.94  | 13.50                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 12.53                 | 12.79 | 12.88  | 13.50                               | 3                        |
|                 |            | 1       | 2         | 12.47                 | 12.73 | 13.00  | 13.50                               | 3                        |
|                 |            | 1       | 5         | 12.62                 | 12.76 | 12.91  | 13.50                               | 3                        |
|                 |            | 3       | 0         | 12.53                 | 12.79 | 12.88  | 13.50                               | 3                        |
|                 |            | 3       | 2         | 12.50                 | 12.81 | 12.98  | 13.50                               | 3                        |
|                 |            | 3       | 3         | 12.52                 | 12.83 | 12.91  | 13.50                               | 3                        |
|                 |            | 6       | 0         | 11.47                 | 11.77 | 11.90  | 12.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1720                  | 1732.5 | 1745  |                                     |                          |
| Channel         |            |         |           | 20050                 | 20175  | 20300 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 16.87                 | 16.70  | 16.79 | 17.00                               | 0                        |
|                 |            | 1       | 50        | 16.79                 | 16.64  | 16.57 | 17.00                               | 0                        |
|                 |            | 1       | 99        | 16.58                 | 16.61  | 16.55 | 17.00                               | 0                        |
|                 |            | 50      | 0         | 15.79                 | 15.53  | 15.64 | 16.00                               | 1                        |
|                 |            | 50      | 25        | 15.77                 | 15.45  | 15.53 | 16.00                               | 1                        |
|                 |            | 50      | 50        | 15.83                 | 15.51  | 15.72 | 16.00                               | 1                        |
|                 |            | 100     | 0         | 15.65                 | 15.59  | 15.56 | 16.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 15.79                 | 15.43  | 15.62 | 16.00                               | 1                        |
|                 |            | 1       | 50        | 15.69                 | 15.53  | 15.75 | 16.00                               | 1                        |
|                 |            | 1       | 99        | 15.76                 | 15.52  | 15.74 | 16.00                               | 1                        |
|                 |            | 50      | 0         | 14.67                 | 14.61  | 14.60 | 15.00                               | 2                        |
|                 |            | 50      | 25        | 14.66                 | 14.60  | 14.65 | 15.00                               | 2                        |
|                 |            | 50      | 50        | 14.64                 | 14.57  | 14.68 | 15.00                               | 2                        |
|                 |            | 100     | 0         | 14.64                 | 14.44  | 14.64 | 15.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 14.75                 | 14.60  | 14.60 | 15.00                               | 2                        |
|                 |            | 1       | 50        | 14.76                 | 14.46  | 14.65 | 15.00                               | 2                        |
|                 |            | 1       | 99        | 14.78                 | 14.41  | 14.69 | 15.00                               | 2                        |
|                 |            | 50      | 0         | 13.73                 | 13.47  | 13.58 | 14.00                               | 3                        |
|                 |            | 50      | 25        | 13.64                 | 13.52  | 13.50 | 14.00                               | 3                        |
|                 |            | 50      | 50        | 13.62                 | 13.52  | 13.63 | 14.00                               | 3                        |
|                 |            | 100     | 0         | 13.61                 | 13.65  | 13.67 | 14.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 13.66                 | 13.58  | 13.61 | 14.00                               | 3                        |
|                 |            | 1       | 50        | 13.64                 | 13.57  | 13.56 | 14.00                               | 3                        |
|                 |            | 1       | 99        | 13.80                 | 13.52  | 13.70 | 14.00                               | 3                        |
|                 |            | 50      | 0         | 12.75                 | 12.62  | 12.65 | 13.00                               | 4                        |
|                 |            | 50      | 25        | 12.75                 | 12.64  | 12.54 | 13.00                               | 4                        |
|                 |            | 50      | 50        | 12.70                 | 12.42  | 12.62 | 13.00                               | 4                        |
|                 |            | 100     | 0         | 12.64                 | 12.51  | 12.55 | 13.00                               | 4                        |

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| LTE Band 4      |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1717.5                | 1732.5 | 1747.5 |                                     |                          |
| Channel         |            |         |           | 20025                 | 20175  | 20325  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 16.67                 | 16.58  | 16.55  | 17.00                               | 0                        |
|                 |            | 1       | 36        | 16.66                 | 16.55  | 16.57  | 17.00                               | 0                        |
|                 |            | 1       | 74        | 16.78                 | 16.44  | 16.59  | 17.00                               | 0                        |
|                 |            | 36      | 0         | 15.60                 | 15.58  | 15.57  | 16.00                               | 1                        |
|                 |            | 36      | 18        | 15.63                 | 15.50  | 15.66  | 16.00                               | 1                        |
|                 |            | 36      | 37        | 15.78                 | 15.58  | 15.70  | 16.00                               | 1                        |
|                 |            | 75      | 0         | 15.67                 | 15.58  | 15.61  | 16.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 15.64                 | 15.45  | 15.66  | 16.00                               | 1                        |
|                 |            | 1       | 36        | 15.77                 | 15.41  | 15.75  | 16.00                               | 1                        |
|                 |            | 1       | 74        | 15.79                 | 15.50  | 15.73  | 16.00                               | 1                        |
|                 |            | 36      | 0         | 14.83                 | 14.54  | 14.72  | 15.00                               | 2                        |
|                 |            | 36      | 18        | 14.81                 | 14.54  | 14.68  | 15.00                               | 2                        |
|                 |            | 36      | 37        | 14.70                 | 14.51  | 14.69  | 15.00                               | 2                        |
|                 |            | 75      | 0         | 14.59                 | 14.48  | 14.53  | 15.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 14.78                 | 14.56  | 14.63  | 15.00                               | 2                        |
|                 |            | 1       | 36        | 14.62                 | 14.65  | 14.64  | 15.00                               | 2                        |
|                 |            | 1       | 74        | 14.82                 | 14.51  | 14.64  | 15.00                               | 2                        |
|                 |            | 36      | 0         | 13.63                 | 13.52  | 13.61  | 14.00                               | 3                        |
|                 |            | 36      | 18        | 13.68                 | 13.65  | 13.55  | 14.00                               | 3                        |
|                 |            | 36      | 37        | 13.66                 | 13.52  | 13.63  | 14.00                               | 3                        |
|                 |            | 75      | 0         | 13.71                 | 13.51  | 13.64  | 14.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 13.71                 | 13.53  | 13.68  | 14.00                               | 3                        |
|                 |            | 1       | 36        | 13.78                 | 13.50  | 13.76  | 14.00                               | 3                        |
|                 |            | 1       | 74        | 13.71                 | 13.67  | 13.55  | 14.00                               | 3                        |
|                 |            | 36      | 0         | 12.66                 | 12.60  | 12.60  | 13.00                               | 4                        |
|                 |            | 36      | 18        | 12.83                 | 12.55  | 12.58  | 13.00                               | 4                        |
|                 |            | 36      | 37        | 12.70                 | 12.57  | 12.49  | 13.00                               | 4                        |
|                 |            | 75      | 0         | 12.69                 | 12.56  | 12.54  | 13.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1715                  | 1732.5 | 1750  |                                     |                          |
| Channel         |            |         |           | 20000                 | 20175  | 20350 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 16.66                 | 16.42  | 16.72 | 17.00                               | 0                        |
|                 |            | 1       | 25        | 16.67                 | 16.52  | 16.72 | 17.00                               | 0                        |
|                 |            | 1       | 49        | 16.60                 | 16.65  | 16.61 | 17.00                               | 0                        |
|                 |            | 25      | 0         | 15.74                 | 15.52  | 15.61 | 16.00                               | 1                        |
|                 |            | 25      | 12        | 15.75                 | 15.56  | 15.71 | 16.00                               | 1                        |
|                 |            | 25      | 25        | 15.68                 | 15.41  | 15.70 | 16.00                               | 1                        |
|                 |            | 50      | 0         | 15.72                 | 15.53  | 15.62 | 16.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 15.67                 | 15.55  | 15.68 | 16.00                               | 1                        |
|                 |            | 1       | 25        | 15.72                 | 15.59  | 15.58 | 16.00                               | 1                        |
|                 |            | 1       | 49        | 15.75                 | 15.51  | 15.67 | 16.00                               | 1                        |
|                 |            | 25      | 0         | 14.74                 | 14.49  | 14.61 | 15.00                               | 2                        |
|                 |            | 25      | 12        | 14.81                 | 14.59  | 14.57 | 15.00                               | 2                        |
|                 |            | 25      | 25        | 14.69                 | 14.54  | 14.59 | 15.00                               | 2                        |
|                 |            | 50      | 0         | 14.64                 | 14.55  | 14.63 | 15.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 14.60                 | 14.51  | 14.52 | 15.00                               | 2                        |
|                 |            | 1       | 25        | 14.81                 | 14.62  | 14.66 | 15.00                               | 2                        |
|                 |            | 1       | 49        | 14.71                 | 14.58  | 14.71 | 15.00                               | 2                        |
|                 |            | 25      | 0         | 13.71                 | 13.59  | 13.66 | 14.00                               | 3                        |
|                 |            | 25      | 12        | 13.68                 | 13.53  | 13.61 | 14.00                               | 3                        |
|                 |            | 25      | 25        | 13.64                 | 13.45  | 13.59 | 14.00                               | 3                        |
|                 |            | 50      | 0         | 13.64                 | 13.47  | 13.66 | 14.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 13.64                 | 13.48  | 13.54 | 14.00                               | 3                        |
|                 |            | 1       | 25        | 13.71                 | 13.45  | 13.68 | 14.00                               | 3                        |
|                 |            | 1       | 49        | 13.61                 | 13.63  | 13.60 | 14.00                               | 3                        |
|                 |            | 25      | 0         | 12.67                 | 12.63  | 12.73 | 13.00                               | 4                        |
|                 |            | 25      | 12        | 12.71                 | 12.56  | 12.58 | 13.00                               | 4                        |
|                 |            | 25      | 25        | 12.73                 | 12.56  | 12.63 | 13.00                               | 4                        |
|                 |            | 50      | 0         | 12.79                 | 12.48  | 12.57 | 13.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1712.5                | 1732.5 | 1752.5 |                                     |                          |
| Channel         |            |         |           | 19975                 | 20175  | 20375  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 16.68                 | 16.61  | 16.54  | 17.00                               | 0                        |
|                 |            | 1       | 12        | 16.64                 | 16.53  | 16.63  | 17.00                               | 0                        |
|                 |            | 1       | 24        | 16.74                 | 16.55  | 16.59  | 17.00                               | 0                        |
|                 |            | 12      | 0         | 15.57                 | 15.62  | 15.71  | 16.00                               | 1                        |
|                 |            | 12      | 6         | 15.63                 | 15.64  | 15.56  | 16.00                               | 1                        |
|                 |            | 12      | 13        | 15.65                 | 15.61  | 15.60  | 16.00                               | 1                        |
|                 |            | 25      | 0         | 15.82                 | 15.67  | 15.63  | 16.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 15.83                 | 15.58  | 15.60  | 16.00                               | 1                        |
|                 |            | 1       | 12        | 15.68                 | 15.53  | 15.57  | 16.00                               | 1                        |
|                 |            | 1       | 24        | 15.79                 | 15.56  | 15.75  | 16.00                               | 1                        |
|                 |            | 12      | 0         | 14.76                 | 14.49  | 14.63  | 15.00                               | 2                        |
|                 |            | 12      | 6         | 14.71                 | 14.49  | 14.74  | 15.00                               | 2                        |
|                 |            | 12      | 13        | 14.68                 | 14.55  | 14.62  | 15.00                               | 2                        |
|                 |            | 25      | 0         | 14.76                 | 14.57  | 14.52  | 15.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 14.78                 | 14.57  | 14.76  | 15.00                               | 2                        |
|                 |            | 1       | 12        | 14.73                 | 14.62  | 14.54  | 15.00                               | 2                        |
|                 |            | 1       | 24        | 14.71                 | 14.60  | 14.71  | 15.00                               | 2                        |
|                 |            | 12      | 0         | 13.75                 | 13.56  | 13.68  | 14.00                               | 3                        |
|                 |            | 12      | 6         | 13.71                 | 13.68  | 13.63  | 14.00                               | 3                        |
|                 |            | 12      | 13        | 13.69                 | 13.53  | 13.61  | 14.00                               | 3                        |
|                 |            | 25      | 0         | 13.67                 | 13.64  | 13.62  | 14.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 13.60                 | 13.57  | 13.70  | 14.00                               | 3                        |
|                 |            | 1       | 12        | 13.72                 | 13.60  | 13.76  | 14.00                               | 3                        |
|                 |            | 1       | 24        | 13.69                 | 13.55  | 13.50  | 14.00                               | 3                        |
|                 |            | 12      | 0         | 12.66                 | 12.47  | 12.65  | 13.00                               | 4                        |
|                 |            | 12      | 6         | 12.78                 | 12.56  | 12.65  | 13.00                               | 4                        |
|                 |            | 12      | 13        | 12.71                 | 12.60  | 12.59  | 13.00                               | 4                        |
|                 |            | 25      | 0         | 12.66                 | 12.67  | 12.74  | 13.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1711.5                | 1732.5 | 1753.5 |                                     |                          |
| Channel         |            |         |           | 19965                 | 20175  | 20385  |                                     |                          |
| 3               | QPSK       | 1       | 0         | 16.70                 | 16.46  | 16.59  | 17.00                               | 0                        |
|                 |            | 1       | 7         | 16.73                 | 16.61  | 16.50  | 17.00                               | 0                        |
|                 |            | 1       | 14        | 16.62                 | 16.54  | 16.63  | 17.00                               | 0                        |
|                 |            | 8       | 0         | 15.68                 | 15.56  | 15.59  | 16.00                               | 1                        |
|                 |            | 8       | 4         | 15.62                 | 15.58  | 15.73  | 16.00                               | 1                        |
|                 |            | 8       | 7         | 15.70                 | 15.64  | 15.51  | 16.00                               | 1                        |
|                 |            | 15      | 0         | 15.76                 | 15.63  | 15.59  | 16.00                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 15.66                 | 15.61  | 15.56  | 16.00                               | 1                        |
|                 |            | 1       | 7         | 15.59                 | 15.55  | 15.63  | 16.00                               | 1                        |
|                 |            | 1       | 14        | 15.79                 | 15.57  | 15.74  | 16.00                               | 1                        |
|                 |            | 8       | 0         | 14.74                 | 14.59  | 14.58  | 15.00                               | 2                        |
|                 |            | 8       | 4         | 14.76                 | 14.42  | 14.60  | 15.00                               | 2                        |
|                 |            | 8       | 7         | 14.73                 | 14.49  | 14.71  | 15.00                               | 2                        |
|                 |            | 15      | 0         | 14.68                 | 14.59  | 14.60  | 15.00                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 14.62                 | 14.52  | 14.65  | 15.00                               | 2                        |
|                 |            | 1       | 7         | 14.73                 | 14.50  | 14.69  | 15.00                               | 2                        |
|                 |            | 1       | 14        | 14.80                 | 14.58  | 14.72  | 15.00                               | 2                        |
|                 |            | 8       | 0         | 13.74                 | 13.56  | 13.60  | 14.00                               | 3                        |
|                 |            | 8       | 4         | 13.66                 | 13.55  | 13.58  | 14.00                               | 3                        |
|                 |            | 8       | 7         | 13.74                 | 13.61  | 13.68  | 14.00                               | 3                        |
|                 |            | 15      | 0         | 13.65                 | 13.55  | 13.73  | 14.00                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 13.67                 | 13.58  | 13.59  | 14.00                               | 3                        |
|                 |            | 1       | 7         | 13.67                 | 13.68  | 13.62  | 14.00                               | 3                        |
|                 |            | 1       | 14        | 13.63                 | 13.52  | 13.60  | 14.00                               | 3                        |
|                 |            | 8       | 0         | 12.76                 | 12.47  | 12.65  | 13.00                               | 4                        |
|                 |            | 8       | 4         | 12.83                 | 12.62  | 12.58  | 13.00                               | 4                        |
|                 |            | 8       | 7         | 12.72                 | 12.47  | 12.63  | 13.00                               | 4                        |
|                 |            | 15      | 0         | 12.62                 | 12.66  | 12.67  | 13.00                               | 4                        |

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| LTE Band 4      |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1710.7                | 1732.5 | 1754.3 |                                     |                          |
| Channel         |            |         |           | 19957                 | 20175  | 20393  |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 16.54                 | 16.44  | 16.41  | 17.00                               | 0                        |
|                 |            | 1       | 2         | 16.60                 | 16.25  | 16.45  | 17.00                               | 0                        |
|                 |            | 1       | 5         | 16.54                 | 16.37  | 16.44  | 17.00                               | 0                        |
|                 |            | 3       | 0         | 16.57                 | 16.32  | 16.43  | 17.00                               | 0                        |
|                 |            | 3       | 2         | 16.51                 | 16.30  | 16.34  | 17.00                               | 0                        |
|                 |            | 3       | 3         | 16.54                 | 16.37  | 16.52  | 17.00                               | 0                        |
|                 |            | 6       | 0         | 15.58                 | 15.20  | 15.32  | 16.00                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 15.64                 | 15.28  | 15.36  | 16.00                               | 1                        |
|                 |            | 1       | 2         | 15.52                 | 15.26  | 15.36  | 16.00                               | 1                        |
|                 |            | 1       | 5         | 15.52                 | 15.29  | 15.31  | 16.00                               | 1                        |
|                 |            | 3       | 0         | 15.49                 | 15.35  | 15.31  | 16.00                               | 1                        |
|                 |            | 3       | 2         | 15.58                 | 15.35  | 15.42  | 16.00                               | 1                        |
|                 |            | 3       | 3         | 15.57                 | 15.33  | 15.42  | 16.00                               | 1                        |
|                 |            | 6       | 0         | 14.62                 | 14.21  | 14.44  | 15.00                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 14.51                 | 14.18  | 14.47  | 15.00                               | 2                        |
|                 |            | 1       | 2         | 14.48                 | 14.25  | 14.44  | 15.00                               | 2                        |
|                 |            | 1       | 5         | 14.47                 | 14.30  | 14.40  | 15.00                               | 2                        |
|                 |            | 3       | 0         | 14.48                 | 14.28  | 14.48  | 15.00                               | 2                        |
|                 |            | 3       | 2         | 14.55                 | 14.19  | 14.41  | 15.00                               | 2                        |
|                 |            | 3       | 3         | 14.48                 | 14.32  | 14.34  | 15.00                               | 2                        |
|                 |            | 6       | 0         | 13.60                 | 13.29  | 13.47  | 14.00                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 13.46                 | 13.38  | 13.54  | 14.00                               | 3                        |
|                 |            | 1       | 2         | 13.65                 | 13.41  | 13.45  | 14.00                               | 3                        |
|                 |            | 1       | 5         | 13.50                 | 13.35  | 13.37  | 14.00                               | 3                        |
|                 |            | 3       | 0         | 13.56                 | 13.38  | 13.42  | 14.00                               | 3                        |
|                 |            | 3       | 2         | 13.54                 | 13.31  | 13.45  | 14.00                               | 3                        |
|                 |            | 3       | 3         | 13.61                 | 13.29  | 13.40  | 14.00                               | 3                        |
|                 |            | 6       | 0         | 12.55                 | 12.24  | 12.56  | 13.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2510                  | 2535  | 2560  |                                     |                          |
| Channel         |            |         |           | 20850                 | 21100 | 21350 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 17.02                 | 17.15 | 17.10 | 17.50                               | 0                        |
|                 |            | 1       | 50        | 16.87                 | 16.93 | 16.93 | 17.50                               | 0                        |
|                 |            | 1       | 99        | 16.75                 | 17.06 | 16.88 | 17.50                               | 0                        |
|                 |            | 50      | 0         | 15.83                 | 16.10 | 15.94 | 16.50                               | 1                        |
|                 |            | 50      | 25        | 15.73                 | 15.99 | 15.97 | 16.50                               | 1                        |
|                 |            | 50      | 50        | 15.90                 | 15.92 | 15.92 | 16.50                               | 1                        |
|                 |            | 100     | 0         | 15.79                 | 16.04 | 15.92 | 16.50                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 15.75                 | 15.92 | 16.06 | 16.50                               | 1                        |
|                 |            | 1       | 50        | 15.91                 | 15.94 | 16.06 | 16.50                               | 1                        |
|                 |            | 1       | 99        | 15.76                 | 15.97 | 15.86 | 16.50                               | 1                        |
|                 |            | 50      | 0         | 14.97                 | 14.91 | 14.94 | 15.50                               | 2                        |
|                 |            | 50      | 25        | 14.81                 | 15.02 | 15.04 | 15.50                               | 2                        |
|                 |            | 50      | 50        | 14.89                 | 14.98 | 14.93 | 15.50                               | 2                        |
|                 |            | 100     | 0         | 14.81                 | 15.09 | 14.89 | 15.50                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 14.79                 | 14.93 | 14.81 | 15.50                               | 2                        |
|                 |            | 1       | 50        | 14.85                 | 15.00 | 14.90 | 15.50                               | 2                        |
|                 |            | 1       | 99        | 14.86                 | 14.91 | 14.98 | 15.50                               | 2                        |
|                 |            | 50      | 0         | 13.89                 | 13.91 | 13.95 | 14.50                               | 3                        |
|                 |            | 50      | 25        | 13.80                 | 14.09 | 14.00 | 14.50                               | 3                        |
|                 |            | 50      | 50        | 13.86                 | 13.98 | 13.81 | 14.50                               | 3                        |
|                 |            | 100     | 0         | 13.81                 | 13.95 | 13.90 | 14.50                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 13.88                 | 14.05 | 13.88 | 14.50                               | 3                        |
|                 |            | 1       | 50        | 13.89                 | 14.06 | 13.94 | 14.50                               | 3                        |
|                 |            | 1       | 99        | 13.90                 | 14.07 | 13.98 | 14.50                               | 3                        |
|                 |            | 50      | 0         | 12.87                 | 13.04 | 12.85 | 13.50                               | 4                        |
|                 |            | 50      | 25        | 13.00                 | 12.94 | 13.02 | 13.50                               | 4                        |
|                 |            | 50      | 50        | 12.88                 | 13.06 | 12.85 | 13.50                               | 4                        |
|                 |            | 100     | 0         | 12.82                 | 12.92 | 12.94 | 13.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2507.5                | 2535  | 2562.5 |                                     |                          |
| Channel         |            |         |           | 20825                 | 21100 | 21375  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 16.92                 | 16.96 | 17.00  | 17.50                               | 0                        |
|                 |            | 1       | 36        | 16.96                 | 17.04 | 16.87  | 17.50                               | 0                        |
|                 |            | 1       | 74        | 16.84                 | 17.09 | 16.96  | 17.50                               | 0                        |
|                 |            | 36      | 0         | 15.76                 | 16.10 | 15.89  | 16.50                               | 1                        |
|                 |            | 36      | 18        | 15.83                 | 15.96 | 15.85  | 16.50                               | 1                        |
|                 |            | 36      | 37        | 15.82                 | 15.96 | 15.93  | 16.50                               | 1                        |
|                 |            | 75      | 0         | 15.87                 | 15.96 | 15.98  | 16.50                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 15.88                 | 16.00 | 15.91  | 16.50                               | 1                        |
|                 |            | 1       | 36        | 15.88                 | 16.03 | 16.02  | 16.50                               | 1                        |
|                 |            | 1       | 74        | 15.93                 | 16.00 | 15.86  | 16.50                               | 1                        |
|                 |            | 36      | 0         | 14.91                 | 15.09 | 14.82  | 15.50                               | 2                        |
|                 |            | 36      | 18        | 14.87                 | 14.98 | 14.99  | 15.50                               | 2                        |
|                 |            | 36      | 37        | 14.81                 | 14.97 | 14.83  | 15.50                               | 2                        |
|                 |            | 75      | 0         | 14.80                 | 14.94 | 15.04  | 15.50                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 14.81                 | 14.99 | 14.84  | 15.50                               | 2                        |
|                 |            | 1       | 36        | 14.72                 | 15.05 | 14.92  | 15.50                               | 2                        |
|                 |            | 1       | 74        | 14.87                 | 15.09 | 15.05  | 15.50                               | 2                        |
|                 |            | 36      | 0         | 13.86                 | 13.99 | 14.01  | 14.50                               | 3                        |
|                 |            | 36      | 18        | 13.99                 | 14.01 | 14.00  | 14.50                               | 3                        |
|                 |            | 36      | 37        | 13.78                 | 14.06 | 13.94  | 14.50                               | 3                        |
|                 |            | 75      | 0         | 13.73                 | 13.99 | 13.99  | 14.50                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 13.88                 | 14.01 | 13.88  | 14.50                               | 3                        |
|                 |            | 1       | 36        | 13.96                 | 13.93 | 13.99  | 14.50                               | 3                        |
|                 |            | 1       | 74        | 13.77                 | 13.91 | 13.90  | 14.50                               | 3                        |
|                 |            | 36      | 0         | 12.79                 | 12.90 | 12.94  | 13.50                               | 4                        |
|                 |            | 36      | 18        | 12.86                 | 12.96 | 12.95  | 13.50                               | 4                        |
|                 |            | 36      | 37        | 12.75                 | 12.95 | 12.99  | 13.50                               | 4                        |
|                 |            | 75      | 0         | 12.84                 | 13.05 | 12.93  | 13.50                               | 4                        |

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| LTE Band 7      |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2505                  | 2535  | 2565  |                                     |                          |
| Channel         |            |         |           | 20800                 | 21100 | 21400 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 16.89                 | 16.98 | 16.94 | 17.50                               | 0                        |
|                 |            | 1       | 25        | 16.88                 | 16.99 | 17.01 | 17.50                               | 0                        |
|                 |            | 1       | 49        | 16.93                 | 16.90 | 16.88 | 17.50                               | 0                        |
|                 |            | 25      | 0         | 15.86                 | 16.10 | 15.88 | 16.50                               | 1                        |
|                 |            | 25      | 12        | 15.78                 | 15.95 | 15.81 | 16.50                               | 1                        |
|                 |            | 25      | 25        | 15.80                 | 15.96 | 15.85 | 16.50                               | 1                        |
|                 |            | 50      | 0         | 15.81                 | 15.94 | 15.91 | 16.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 15.87                 | 15.93 | 15.85 | 16.50                               | 1                        |
|                 |            | 1       | 25        | 15.80                 | 15.94 | 15.89 | 16.50                               | 1                        |
|                 |            | 1       | 49        | 15.90                 | 15.95 | 15.91 | 16.50                               | 1                        |
|                 |            | 25      | 0         | 14.95                 | 14.93 | 14.91 | 15.50                               | 2                        |
|                 |            | 25      | 12        | 14.94                 | 14.99 | 14.97 | 15.50                               | 2                        |
|                 |            | 25      | 25        | 14.86                 | 15.01 | 14.93 | 15.50                               | 2                        |
|                 |            | 50      | 0         | 14.79                 | 15.05 | 14.87 | 15.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 14.93                 | 15.10 | 14.91 | 15.50                               | 2                        |
|                 |            | 1       | 25        | 14.77                 | 14.97 | 14.97 | 15.50                               | 2                        |
|                 |            | 1       | 49        | 14.83                 | 15.01 | 15.03 | 15.50                               | 2                        |
|                 |            | 25      | 0         | 13.85                 | 13.98 | 14.01 | 14.50                               | 3                        |
|                 |            | 25      | 12        | 13.80                 | 14.02 | 14.01 | 14.50                               | 3                        |
|                 |            | 25      | 25        | 13.92                 | 13.98 | 13.96 | 14.50                               | 3                        |
|                 |            | 50      | 0         | 13.87                 | 13.88 | 13.81 | 14.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 13.96                 | 13.98 | 13.87 | 14.50                               | 3                        |
|                 |            | 1       | 25        | 13.87                 | 13.93 | 13.82 | 14.50                               | 3                        |
|                 |            | 1       | 49        | 13.88                 | 13.93 | 13.88 | 14.50                               | 3                        |
|                 |            | 25      | 0         | 12.89                 | 12.93 | 12.88 | 13.50                               | 4                        |
|                 |            | 25      | 12        | 12.93                 | 12.98 | 12.89 | 13.50                               | 4                        |
|                 |            | 25      | 25        | 12.97                 | 13.04 | 12.96 | 13.50                               | 4                        |
|                 |            | 50      | 0         | 12.83                 | 13.00 | 12.85 | 13.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2502.5                | 2535  | 2567.5 |                                     |                          |
| Channel         |            |         |           | 20775                 | 21100 | 21425  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 16.90                 | 16.93 | 16.95  | 17.50                               | 0                        |
|                 |            | 1       | 12        | 16.78                 | 16.96 | 17.03  | 17.50                               | 0                        |
|                 |            | 1       | 24        | 16.74                 | 16.96 | 17.02  | 17.50                               | 0                        |
|                 |            | 12      | 0         | 15.89                 | 16.11 | 15.87  | 16.50                               | 1                        |
|                 |            | 12      | 6         | 15.97                 | 16.05 | 15.93  | 16.50                               | 1                        |
|                 |            | 12      | 13        | 15.82                 | 15.89 | 15.85  | 16.50                               | 1                        |
|                 |            | 25      | 0         | 15.86                 | 16.04 | 15.96  | 16.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 15.76                 | 16.11 | 15.97  | 16.50                               | 1                        |
|                 |            | 1       | 12        | 15.78                 | 15.93 | 16.05  | 16.50                               | 1                        |
|                 |            | 1       | 24        | 15.81                 | 15.93 | 15.87  | 16.50                               | 1                        |
|                 |            | 12      | 0         | 14.87                 | 14.93 | 14.93  | 15.50                               | 2                        |
|                 |            | 12      | 6         | 14.82                 | 15.02 | 14.95  | 15.50                               | 2                        |
|                 |            | 12      | 13        | 14.79                 | 15.02 | 14.89  | 15.50                               | 2                        |
|                 |            | 25      | 0         | 14.86                 | 14.96 | 14.91  | 15.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 14.81                 | 15.13 | 14.90  | 15.50                               | 2                        |
|                 |            | 1       | 12        | 14.95                 | 15.08 | 14.91  | 15.50                               | 2                        |
|                 |            | 1       | 24        | 14.86                 | 15.04 | 14.98  | 15.50                               | 2                        |
|                 |            | 12      | 0         | 13.82                 | 14.03 | 13.86  | 14.50                               | 3                        |
|                 |            | 12      | 6         | 13.85                 | 14.01 | 13.92  | 14.50                               | 3                        |
|                 |            | 12      | 13        | 14.00                 | 14.04 | 13.94  | 14.50                               | 3                        |
|                 |            | 25      | 0         | 13.98                 | 13.90 | 13.95  | 14.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 13.84                 | 14.07 | 14.07  | 14.50                               | 3                        |
|                 |            | 1       | 12        | 13.91                 | 14.09 | 13.82  | 14.50                               | 3                        |
|                 |            | 1       | 24        | 13.96                 | 14.05 | 14.05  | 14.50                               | 3                        |
|                 |            | 12      | 0         | 12.97                 | 13.02 | 12.84  | 13.50                               | 4                        |
|                 |            | 12      | 6         | 12.86                 | 12.95 | 13.00  | 13.50                               | 4                        |
|                 |            | 12      | 13        | 12.78                 | 12.97 | 13.01  | 13.50                               | 4                        |
|                 |            | 25      | 0         | 12.82                 | 13.04 | 13.00  | 13.50                               | 4                        |

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| LTE Band 25     |            |         |           |                       |        |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5 | 1905  |                                     |                          |
| Channel         |            |         |           | 26140                 | 26365  | 26590 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 17.86                 | 18.18  | 18.28 | 18.50                               | 0                        |
|                 |            | 1       | 50        | 17.69                 | 17.99  | 18.08 | 18.50                               | 0                        |
|                 |            | 1       | 99        | 17.72                 | 17.93  | 18.12 | 18.50                               | 0                        |
|                 |            | 50      | 0         | 16.70                 | 17.02  | 17.16 | 17.50                               | 1                        |
|                 |            | 50      | 25        | 16.72                 | 16.99  | 17.08 | 17.50                               | 1                        |
|                 |            | 50      | 50        | 16.60                 | 17.01  | 17.06 | 17.50                               | 1                        |
|                 |            | 100     | 0         | 16.70                 | 17.00  | 17.14 | 17.50                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 16.65                 | 17.02  | 17.06 | 17.50                               | 1                        |
|                 |            | 1       | 50        | 16.64                 | 17.04  | 17.23 | 17.50                               | 1                        |
|                 |            | 1       | 99        | 16.68                 | 16.96  | 17.17 | 17.50                               | 1                        |
|                 |            | 50      | 0         | 15.74                 | 16.00  | 16.15 | 16.50                               | 2                        |
|                 |            | 50      | 25        | 15.64                 | 16.09  | 16.10 | 16.50                               | 2                        |
|                 |            | 50      | 50        | 15.59                 | 16.12  | 16.07 | 16.50                               | 2                        |
|                 |            | 100     | 0         | 15.63                 | 16.01  | 16.10 | 16.50                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 15.76                 | 16.08  | 16.18 | 16.50                               | 2                        |
|                 |            | 1       | 50        | 15.59                 | 15.98  | 16.11 | 16.50                               | 2                        |
|                 |            | 1       | 99        | 15.73                 | 15.96  | 16.12 | 16.50                               | 2                        |
|                 |            | 50      | 0         | 14.59                 | 15.06  | 15.00 | 15.50                               | 3                        |
|                 |            | 50      | 25        | 14.75                 | 14.94  | 15.14 | 15.50                               | 3                        |
|                 |            | 50      | 50        | 14.80                 | 15.07  | 15.11 | 15.50                               | 3                        |
|                 |            | 100     | 0         | 14.69                 | 15.09  | 15.15 | 15.50                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 14.62                 | 15.06  | 15.12 | 15.50                               | 3                        |
|                 |            | 1       | 50        | 14.72                 | 14.93  | 15.07 | 15.50                               | 3                        |
|                 |            | 1       | 99        | 14.75                 | 15.03  | 15.14 | 15.50                               | 3                        |
|                 |            | 50      | 0         | 13.64                 | 14.02  | 14.15 | 14.50                               | 4                        |
|                 |            | 50      | 25        | 13.79                 | 14.03  | 14.18 | 14.50                               | 4                        |
|                 |            | 50      | 50        | 13.66                 | 14.05  | 14.14 | 14.50                               | 4                        |
|                 |            | 100     | 0         | 13.73                 | 13.95  | 14.09 | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5 | 1907.5 |                                     |                          |
| Channel         |            |         |           | 26115                 | 26365  | 26615  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 17.81                 | 18.01  | 18.01  | 18.50                               | 0                        |
|                 |            | 1       | 36        | 17.79                 | 18.05  | 18.08  | 18.50                               | 0                        |
|                 |            | 1       | 74        | 17.73                 | 18.05  | 18.02  | 18.50                               | 0                        |
|                 |            | 36      | 0         | 16.66                 | 17.03  | 17.16  | 17.50                               | 1                        |
|                 |            | 36      | 18        | 16.76                 | 16.93  | 17.21  | 17.50                               | 1                        |
|                 |            | 36      | 37        | 16.70                 | 17.03  | 16.99  | 17.50                               | 1                        |
|                 |            | 75      | 0         | 16.61                 | 16.96  | 17.22  | 17.50                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 16.70                 | 17.01  | 17.02  | 17.50                               | 1                        |
|                 |            | 1       | 36        | 16.64                 | 17.05  | 17.13  | 17.50                               | 1                        |
|                 |            | 1       | 74        | 16.72                 | 17.08  | 17.14  | 17.50                               | 1                        |
|                 |            | 36      | 0         | 15.72                 | 16.05  | 16.07  | 16.50                               | 2                        |
|                 |            | 36      | 18        | 15.67                 | 16.04  | 16.18  | 16.50                               | 2                        |
|                 |            | 36      | 37        | 15.63                 | 15.98  | 16.01  | 16.50                               | 2                        |
|                 |            | 75      | 0         | 15.70                 | 16.10  | 16.11  | 16.50                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 15.66                 | 16.14  | 16.07  | 16.50                               | 2                        |
|                 |            | 1       | 36        | 15.62                 | 15.97  | 16.23  | 16.50                               | 2                        |
|                 |            | 1       | 74        | 15.78                 | 16.04  | 16.15  | 16.50                               | 2                        |
|                 |            | 36      | 0         | 14.79                 | 14.95  | 15.07  | 15.50                               | 3                        |
|                 |            | 36      | 18        | 14.83                 | 15.09  | 15.14  | 15.50                               | 3                        |
|                 |            | 36      | 37        | 14.70                 | 14.92  | 15.08  | 15.50                               | 3                        |
|                 |            | 75      | 0         | 14.67                 | 15.02  | 15.13  | 15.50                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 14.77                 | 14.99  | 15.14  | 15.50                               | 3                        |
|                 |            | 1       | 36        | 14.66                 | 15.06  | 15.01  | 15.50                               | 3                        |
|                 |            | 1       | 74        | 14.71                 | 14.98  | 15.20  | 15.50                               | 3                        |
|                 |            | 36      | 0         | 13.63                 | 14.08  | 14.17  | 14.50                               | 4                        |
|                 |            | 36      | 18        | 13.59                 | 14.09  | 14.12  | 14.50                               | 4                        |
|                 |            | 36      | 37        | 13.77                 | 13.99  | 14.16  | 14.50                               | 4                        |
|                 |            | 75      | 0         | 13.69                 | 14.08  | 14.09  | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5 | 1910  |                                     |                          |
| Channel         |            |         |           | 26090                 | 26365  | 26640 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 17.62                 | 18.00  | 18.06 | 18.50                               | 0                        |
|                 |            | 1       | 25        | 17.71                 | 18.01  | 18.02 | 18.50                               | 0                        |
|                 |            | 1       | 49        | 17.69                 | 18.11  | 18.19 | 18.50                               | 0                        |
|                 |            | 25      | 0         | 16.73                 | 16.96  | 17.14 | 17.50                               | 1                        |
|                 |            | 25      | 12        | 16.69                 | 17.12  | 17.12 | 17.50                               | 1                        |
|                 |            | 25      | 25        | 16.68                 | 16.98  | 17.10 | 17.50                               | 1                        |
|                 |            | 50      | 0         | 16.68                 | 16.96  | 17.22 | 17.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 16.73                 | 17.08  | 17.10 | 17.50                               | 1                        |
|                 |            | 1       | 25        | 16.68                 | 16.96  | 17.13 | 17.50                               | 1                        |
|                 |            | 1       | 49        | 16.67                 | 16.98  | 17.15 | 17.50                               | 1                        |
|                 |            | 25      | 0         | 15.72                 | 16.12  | 16.14 | 16.50                               | 2                        |
|                 |            | 25      | 12        | 15.79                 | 16.13  | 16.20 | 16.50                               | 2                        |
|                 |            | 25      | 25        | 15.57                 | 15.98  | 16.07 | 16.50                               | 2                        |
|                 |            | 50      | 0         | 15.67                 | 16.07  | 16.13 | 16.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 15.59                 | 16.04  | 16.22 | 16.50                               | 2                        |
|                 |            | 1       | 25        | 15.69                 | 16.08  | 16.11 | 16.50                               | 2                        |
|                 |            | 1       | 49        | 15.66                 | 16.09  | 16.05 | 16.50                               | 2                        |
|                 |            | 25      | 0         | 14.67                 | 15.05  | 15.04 | 15.50                               | 3                        |
|                 |            | 25      | 12        | 14.59                 | 15.11  | 15.12 | 15.50                               | 3                        |
|                 |            | 25      | 25        | 14.68                 | 14.91  | 15.09 | 15.50                               | 3                        |
|                 |            | 50      | 0         | 14.63                 | 15.02  | 15.17 | 15.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 14.66                 | 15.15  | 15.08 | 15.50                               | 3                        |
|                 |            | 1       | 25        | 14.70                 | 15.02  | 15.10 | 15.50                               | 3                        |
|                 |            | 1       | 49        | 14.69                 | 15.07  | 15.24 | 15.50                               | 3                        |
|                 |            | 25      | 0         | 13.75                 | 13.96  | 14.14 | 14.50                               | 4                        |
|                 |            | 25      | 12        | 13.77                 | 13.93  | 14.07 | 14.50                               | 4                        |
|                 |            | 25      | 25        | 13.78                 | 14.02  | 14.20 | 14.50                               | 4                        |
|                 |            | 50      | 0         | 13.71                 | 13.92  | 14.22 | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5 | 1912.5 |                                     |                          |
| Channel         |            |         |           | 26065                 | 26365  | 26665  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 17.71                 | 18.05  | 18.06  | 18.50                               | 0                        |
|                 |            | 1       | 12        | 17.59                 | 17.98  | 18.14  | 18.50                               | 0                        |
|                 |            | 1       | 24        | 17.72                 | 18.03  | 18.08  | 18.50                               | 0                        |
|                 |            | 12      | 0         | 16.70                 | 16.92  | 17.22  | 17.50                               | 1                        |
|                 |            | 12      | 6         | 16.77                 | 17.05  | 17.12  | 17.50                               | 1                        |
|                 |            | 12      | 13        | 16.78                 | 17.02  | 17.20  | 17.50                               | 1                        |
|                 |            | 25      | 0         | 16.72                 | 17.13  | 17.18  | 17.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 16.67                 | 17.01  | 17.21  | 17.50                               | 1                        |
|                 |            | 1       | 12        | 16.72                 | 17.07  | 17.17  | 17.50                               | 1                        |
|                 |            | 1       | 24        | 16.76                 | 17.04  | 17.09  | 17.50                               | 1                        |
|                 |            | 12      | 0         | 15.78                 | 16.13  | 16.00  | 16.50                               | 2                        |
|                 |            | 12      | 6         | 15.64                 | 16.00  | 16.19  | 16.50                               | 2                        |
|                 |            | 12      | 13        | 15.72                 | 16.11  | 16.24  | 16.50                               | 2                        |
|                 |            | 25      | 0         | 15.66                 | 16.04  | 16.18  | 16.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 15.71                 | 15.99  | 16.09  | 16.50                               | 2                        |
|                 |            | 1       | 12        | 15.78                 | 16.05  | 16.22  | 16.50                               | 2                        |
|                 |            | 1       | 24        | 15.71                 | 16.05  | 16.07  | 16.50                               | 2                        |
|                 |            | 12      | 0         | 14.71                 | 15.07  | 15.11  | 15.50                               | 3                        |
|                 |            | 12      | 6         | 14.75                 | 15.01  | 15.20  | 15.50                               | 3                        |
|                 |            | 12      | 13        | 14.66                 | 15.05  | 15.12  | 15.50                               | 3                        |
|                 |            | 25      | 0         | 14.76                 | 14.93  | 15.14  | 15.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 14.77                 | 14.97  | 15.05  | 15.50                               | 3                        |
|                 |            | 1       | 12        | 14.62                 | 14.89  | 15.12  | 15.50                               | 3                        |
|                 |            | 1       | 24        | 14.64                 | 15.01  | 15.01  | 15.50                               | 3                        |
|                 |            | 12      | 0         | 13.68                 | 13.99  | 14.04  | 14.50                               | 4                        |
|                 |            | 12      | 6         | 13.70                 | 14.05  | 14.16  | 14.50                               | 4                        |
|                 |            | 12      | 13        | 13.64                 | 13.92  | 14.11  | 14.50                               | 4                        |
|                 |            | 25      | 0         | 13.71                 | 14.01  | 14.04  | 14.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1851.5                | 1882.5 | 1913.5 |                                     |                          |
| Channel         |            |         |           | 26055                 | 26365  | 26675  |                                     |                          |
| 3               | QPSK       | 1       | 0         | 17.63                 | 18.14  | 18.11  | 18.50                               | 0                        |
|                 |            | 1       | 7         | 17.71                 | 18.05  | 18.12  | 18.50                               | 0                        |
|                 |            | 1       | 14        | 17.79                 | 18.07  | 18.14  | 18.50                               | 0                        |
|                 |            | 8       | 0         | 16.69                 | 17.04  | 17.12  | 17.50                               | 1                        |
|                 |            | 8       | 4         | 16.62                 | 16.92  | 17.06  | 17.50                               | 1                        |
|                 |            | 8       | 7         | 16.73                 | 17.06  | 17.16  | 17.50                               | 1                        |
|                 |            | 15      | 0         | 16.62                 | 16.93  | 17.15  | 17.50                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 16.72                 | 17.08  | 17.18  | 17.50                               | 1                        |
|                 |            | 1       | 7         | 16.75                 | 17.03  | 17.13  | 17.50                               | 1                        |
|                 |            | 1       | 14        | 16.75                 | 17.01  | 17.09  | 17.50                               | 1                        |
|                 |            | 8       | 0         | 15.70                 | 16.00  | 16.03  | 16.50                               | 2                        |
|                 |            | 8       | 4         | 15.79                 | 16.09  | 16.02  | 16.50                               | 2                        |
|                 |            | 8       | 7         | 15.71                 | 16.01  | 16.01  | 16.50                               | 2                        |
|                 |            | 15      | 0         | 15.83                 | 16.06  | 16.10  | 16.50                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 15.76                 | 16.06  | 16.18  | 16.50                               | 2                        |
|                 |            | 1       | 7         | 15.74                 | 16.04  | 16.19  | 16.50                               | 2                        |
|                 |            | 1       | 14        | 15.78                 | 16.05  | 16.02  | 16.50                               | 2                        |
|                 |            | 8       | 0         | 14.78                 | 15.04  | 15.02  | 15.50                               | 3                        |
|                 |            | 8       | 4         | 14.73                 | 15.12  | 15.12  | 15.50                               | 3                        |
|                 |            | 8       | 7         | 14.74                 | 15.09  | 15.18  | 15.50                               | 3                        |
|                 |            | 15      | 0         | 14.61                 | 14.92  | 15.00  | 15.50                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 14.67                 | 15.14  | 15.11  | 15.50                               | 3                        |
|                 |            | 1       | 7         | 14.78                 | 14.91  | 15.20  | 15.50                               | 3                        |
|                 |            | 1       | 14        | 14.77                 | 14.99  | 15.17  | 15.50                               | 3                        |
|                 |            | 8       | 0         | 13.57                 | 13.91  | 14.13  | 14.50                               | 4                        |
|                 |            | 8       | 4         | 13.66                 | 13.99  | 14.14  | 14.50                               | 4                        |
|                 |            | 8       | 7         | 13.71                 | 14.08  | 14.14  | 14.50                               | 4                        |
|                 |            | 15      | 0         | 13.81                 | 14.00  | 14.03  | 14.50                               | 4                        |

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| LTE Band 25     |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1850.7                | 1882.5 | 1914.3 |                                     |                          |
| Channel         |            |         |           | 26047                 | 26365  | 26683  |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 17.36                 | 18.04  | 17.98  | 18.50                               | 0                        |
|                 |            | 1       | 2         | 17.46                 | 17.95  | 18.05  | 18.50                               | 0                        |
|                 |            | 1       | 5         | 17.61                 | 18.00  | 18.03  | 18.50                               | 0                        |
|                 |            | 3       | 0         | 17.44                 | 17.91  | 17.98  | 18.50                               | 0                        |
|                 |            | 3       | 2         | 17.51                 | 18.00  | 17.96  | 18.50                               | 0                        |
|                 |            | 3       | 3         | 17.53                 | 17.99  | 17.94  | 18.50                               | 0                        |
|                 |            | 6       | 0         | 16.57                 | 16.94  | 17.03  | 17.50                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 16.47                 | 17.02  | 16.96  | 17.50                               | 1                        |
|                 |            | 1       | 2         | 16.51                 | 16.88  | 16.89  | 17.50                               | 1                        |
|                 |            | 1       | 5         | 16.39                 | 17.06  | 16.99  | 17.50                               | 1                        |
|                 |            | 3       | 0         | 16.43                 | 17.02  | 16.87  | 17.50                               | 1                        |
|                 |            | 3       | 2         | 16.42                 | 17.01  | 16.90  | 17.50                               | 1                        |
|                 |            | 3       | 3         | 16.56                 | 16.98  | 16.91  | 17.50                               | 1                        |
|                 |            | 6       | 0         | 15.56                 | 15.96  | 16.01  | 16.50                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 15.46                 | 15.88  | 15.94  | 16.50                               | 2                        |
|                 |            | 1       | 2         | 15.46                 | 15.90  | 15.98  | 16.50                               | 2                        |
|                 |            | 1       | 5         | 15.56                 | 15.94  | 15.95  | 16.50                               | 2                        |
|                 |            | 3       | 0         | 15.52                 | 15.98  | 15.99  | 16.50                               | 2                        |
|                 |            | 3       | 2         | 15.47                 | 15.92  | 16.00  | 16.50                               | 2                        |
|                 |            | 3       | 3         | 15.46                 | 15.98  | 15.93  | 16.50                               | 2                        |
|                 |            | 6       | 0         | 14.52                 | 15.07  | 14.95  | 15.50                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 14.55                 | 14.98  | 15.02  | 15.50                               | 3                        |
|                 |            | 1       | 2         | 14.36                 | 14.90  | 14.90  | 15.50                               | 3                        |
|                 |            | 1       | 5         | 14.49                 | 14.86  | 14.88  | 15.50                               | 3                        |
|                 |            | 3       | 0         | 14.57                 | 14.99  | 14.97  | 15.50                               | 3                        |
|                 |            | 3       | 2         | 14.43                 | 15.01  | 14.99  | 15.50                               | 3                        |
|                 |            | 3       | 3         | 14.49                 | 15.08  | 14.82  | 15.50                               | 3                        |
|                 |            | 6       | 0         | 13.45                 | 14.01  | 13.97  | 14.50                               | 4                        |

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| LTE Band 30     |            |         |           |                       |       |  |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|--|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |  | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           |                       | 2310  |  |                                     |                          |
| Channel         |            |         |           |                       | 27710 |  |                                     |                          |
| 10              | QPSK       | 1       | 0         |                       | 17.68 |  | 18.00                               | 0                        |
|                 |            | 1       | 25        |                       | 17.52 |  | 18.00                               | 0                        |
|                 |            | 1       | 49        |                       | 17.41 |  | 18.00                               | 0                        |
|                 |            | 25      | 0         |                       | 16.57 |  | 17.00                               | 1                        |
|                 |            | 25      | 12        |                       | 16.48 |  | 17.00                               | 1                        |
|                 |            | 25      | 25        |                       | 16.52 |  | 17.00                               | 1                        |
|                 |            | 50      | 0         |                       | 16.54 |  | 17.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         |                       | 16.50 |  | 17.00                               | 1                        |
|                 |            | 1       | 25        |                       | 16.51 |  | 17.00                               | 1                        |
|                 |            | 1       | 49        |                       | 16.47 |  | 17.00                               | 1                        |
|                 |            | 25      | 0         |                       | 15.59 |  | 16.00                               | 2                        |
|                 |            | 25      | 12        |                       | 15.52 |  | 16.00                               | 2                        |
|                 |            | 25      | 25        |                       | 15.52 |  | 16.00                               | 2                        |
|                 |            | 50      | 0         |                       | 15.55 |  | 16.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         |                       | 15.47 |  | 16.00                               | 2                        |
|                 |            | 1       | 25        |                       | 15.54 |  | 16.00                               | 2                        |
|                 |            | 1       | 49        |                       | 15.64 |  | 16.00                               | 2                        |
|                 |            | 25      | 0         |                       | 14.55 |  | 15.00                               | 3                        |
|                 |            | 25      | 12        |                       | 14.53 |  | 15.00                               | 3                        |
|                 |            | 25      | 25        |                       | 14.63 |  | 15.00                               | 3                        |
|                 |            | 50      | 0         |                       | 14.62 |  | 15.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         |                       | 14.48 |  | 15.00                               | 3                        |
|                 |            | 1       | 25        |                       | 14.41 |  | 15.00                               | 3                        |
|                 |            | 1       | 49        |                       | 14.59 |  | 15.00                               | 3                        |
|                 |            | 25      | 0         |                       | 13.57 |  | 14.00                               | 4                        |
|                 |            | 25      | 12        |                       | 13.53 |  | 14.00                               | 4                        |
|                 |            | 25      | 25        |                       | 13.45 |  | 14.00                               | 4                        |
|                 |            | 50      | 0         |                       | 13.42 |  | 14.00                               | 4                        |

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| LTE Band 30     |            |         |           |                       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310  | 2312.5 |                                     |                          |
| Channel         |            |         |           | 27685                 | 27710 | 27735  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 17.51                 | 17.54 | 17.49  | 18.00                               | 0                        |
|                 |            | 1       | 12        | 17.32                 | 17.36 | 17.39  | 18.00                               | 0                        |
|                 |            | 1       | 24        | 17.45                 | 17.31 | 17.34  | 18.00                               | 0                        |
|                 |            | 12      | 0         | 16.35                 | 16.37 | 16.20  | 17.00                               | 1                        |
|                 |            | 12      | 6         | 16.44                 | 16.35 | 16.26  | 17.00                               | 1                        |
|                 |            | 12      | 13        | 16.44                 | 16.45 | 16.39  | 17.00                               | 1                        |
|                 |            | 25      | 0         | 16.33                 | 16.46 | 16.40  | 17.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 16.35                 | 16.33 | 16.41  | 17.00                               | 1                        |
|                 |            | 1       | 12        | 16.39                 | 16.30 | 16.32  | 17.00                               | 1                        |
|                 |            | 1       | 24        | 16.24                 | 16.48 | 16.30  | 17.00                               | 1                        |
|                 |            | 12      | 0         | 15.37                 | 15.42 | 15.41  | 16.00                               | 2                        |
|                 |            | 12      | 6         | 15.31                 | 15.49 | 15.32  | 16.00                               | 2                        |
|                 |            | 12      | 13        | 15.39                 | 15.35 | 15.30  | 16.00                               | 2                        |
|                 |            | 25      | 0         | 15.47                 | 15.46 | 15.41  | 16.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 15.33                 | 15.31 | 15.46  | 16.00                               | 2                        |
|                 |            | 1       | 12        | 15.31                 | 15.39 | 15.39  | 16.00                               | 2                        |
|                 |            | 1       | 24        | 15.33                 | 15.44 | 15.20  | 16.00                               | 2                        |
|                 |            | 12      | 0         | 14.32                 | 14.30 | 14.26  | 15.00                               | 3                        |
|                 |            | 12      | 6         | 14.30                 | 14.38 | 14.31  | 15.00                               | 3                        |
|                 |            | 12      | 13        | 14.48                 | 14.47 | 14.31  | 15.00                               | 3                        |
|                 |            | 25      | 0         | 14.21                 | 14.42 | 14.30  | 15.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 14.28                 | 14.46 | 14.34  | 15.00                               | 3                        |
|                 |            | 1       | 12        | 14.36                 | 14.40 | 14.37  | 15.00                               | 3                        |
|                 |            | 1       | 24        | 14.36                 | 14.37 | 14.23  | 15.00                               | 3                        |
|                 |            | 12      | 0         | 13.29                 | 13.42 | 13.29  | 14.00                               | 4                        |
|                 |            | 12      | 6         | 13.35                 | 13.42 | 13.33  | 14.00                               | 4                        |
|                 |            | 12      | 13        | 13.37                 | 13.35 | 13.36  | 14.00                               | 4                        |
|                 |            | 25      | 0         | 13.22                 | 13.43 | 13.22  | 14.00                               | 4                        |

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| LTE Band 66     |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1720                  | 1745   | 1770   |                                     |                          |
| Channel         |            |         |           | 132072                | 132322 | 132572 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 16.95                 | 16.92  | 16.98  | 17.00                               | 0                        |
|                 |            | 1       | 50        | 16.82                 | 16.76  | 16.91  | 17.00                               | 0                        |
|                 |            | 1       | 99        | 16.90                 | 16.81  | 16.89  | 17.00                               | 0                        |
|                 |            | 50      | 0         | 15.71                 | 15.88  | 15.86  | 16.00                               | 1                        |
|                 |            | 50      | 25        | 15.73                 | 15.83  | 15.82  | 16.00                               | 1                        |
|                 |            | 50      | 50        | 15.79                 | 15.76  | 15.83  | 16.00                               | 1                        |
|                 |            | 100     | 0         | 15.75                 | 15.77  | 15.78  | 16.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 15.77                 | 15.69  | 15.87  | 16.00                               | 1                        |
|                 |            | 1       | 50        | 15.78                 | 15.86  | 15.76  | 16.00                               | 1                        |
|                 |            | 1       | 99        | 15.88                 | 15.85  | 15.90  | 16.00                               | 1                        |
|                 |            | 50      | 0         | 14.76                 | 14.72  | 14.85  | 15.00                               | 2                        |
|                 |            | 50      | 25        | 14.73                 | 14.81  | 14.84  | 15.00                               | 2                        |
|                 |            | 50      | 50        | 14.78                 | 14.81  | 14.85  | 15.00                               | 2                        |
|                 |            | 100     | 0         | 14.67                 | 14.83  | 14.76  | 15.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 14.71                 | 14.75  | 14.89  | 15.00                               | 2                        |
|                 |            | 1       | 50        | 14.87                 | 14.84  | 14.90  | 15.00                               | 2                        |
|                 |            | 1       | 99        | 14.76                 | 14.71  | 14.77  | 15.00                               | 2                        |
|                 |            | 50      | 0         | 13.78                 | 13.65  | 13.79  | 14.00                               | 3                        |
|                 |            | 50      | 25        | 13.83                 | 13.65  | 13.85  | 14.00                               | 3                        |
|                 |            | 50      | 50        | 13.82                 | 13.86  | 13.71  | 14.00                               | 3                        |
|                 |            | 100     | 0         | 13.75                 | 13.77  | 13.86  | 14.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 13.76                 | 13.70  | 13.89  | 14.00                               | 3                        |
|                 |            | 1       | 50        | 13.79                 | 13.78  | 13.78  | 14.00                               | 3                        |
|                 |            | 1       | 99        | 13.78                 | 13.75  | 13.70  | 14.00                               | 3                        |
|                 |            | 50      | 0         | 12.77                 | 12.71  | 12.94  | 13.00                               | 4                        |
|                 |            | 50      | 25        | 12.76                 | 12.79  | 12.89  | 13.00                               | 4                        |
|                 |            | 50      | 50        | 12.90                 | 12.78  | 12.82  | 13.00                               | 4                        |
|                 |            | 100     | 0         | 12.72                 | 12.79  | 12.84  | 13.00                               | 4                        |

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| LTE Band 66     |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745   | 1772.5 |                                     |                          |
| Channel         |            |         |           | 132047                | 132322 | 132597 |                                     |                          |
| 15              | QPSK       | 1       | 0         | 16.88                 | 16.86  | 16.93  | 17.00                               | 0                        |
|                 |            | 1       | 36        | 16.82                 | 16.83  | 16.89  | 17.00                               | 0                        |
|                 |            | 1       | 74        | 16.75                 | 16.82  | 16.84  | 17.00                               | 0                        |
|                 |            | 36      | 0         | 15.80                 | 15.87  | 15.80  | 16.00                               | 1                        |
|                 |            | 36      | 18        | 15.82                 | 15.74  | 15.81  | 16.00                               | 1                        |
|                 |            | 36      | 37        | 15.67                 | 15.78  | 15.71  | 16.00                               | 1                        |
|                 |            | 75      | 0         | 15.87                 | 15.85  | 15.92  | 16.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 15.86                 | 15.75  | 15.87  | 16.00                               | 1                        |
|                 |            | 1       | 36        | 15.73                 | 15.77  | 15.91  | 16.00                               | 1                        |
|                 |            | 1       | 74        | 15.72                 | 15.73  | 15.93  | 16.00                               | 1                        |
|                 |            | 36      | 0         | 14.76                 | 14.74  | 14.83  | 15.00                               | 2                        |
|                 |            | 36      | 18        | 14.81                 | 14.70  | 14.82  | 15.00                               | 2                        |
|                 |            | 36      | 37        | 14.89                 | 14.83  | 14.79  | 15.00                               | 2                        |
|                 |            | 75      | 0         | 14.75                 | 14.68  | 14.72  | 15.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 14.92                 | 14.79  | 14.70  | 15.00                               | 2                        |
|                 |            | 1       | 36        | 14.85                 | 14.71  | 14.86  | 15.00                               | 2                        |
|                 |            | 1       | 74        | 14.78                 | 14.68  | 14.71  | 15.00                               | 2                        |
|                 |            | 36      | 0         | 13.91                 | 13.68  | 13.70  | 14.00                               | 3                        |
|                 |            | 36      | 18        | 13.74                 | 13.67  | 13.82  | 14.00                               | 3                        |
|                 |            | 36      | 37        | 13.76                 | 13.72  | 13.73  | 14.00                               | 3                        |
|                 |            | 75      | 0         | 13.83                 | 13.75  | 13.76  | 14.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 13.77                 | 13.71  | 13.80  | 14.00                               | 3                        |
|                 |            | 1       | 36        | 13.76                 | 13.80  | 13.80  | 14.00                               | 3                        |
|                 |            | 1       | 74        | 13.81                 | 13.74  | 13.88  | 14.00                               | 3                        |
|                 |            | 36      | 0         | 12.78                 | 12.73  | 12.75  | 13.00                               | 4                        |
|                 |            | 36      | 18        | 12.83                 | 12.82  | 12.77  | 13.00                               | 4                        |
|                 |            | 36      | 37        | 12.82                 | 12.66  | 12.79  | 13.00                               | 4                        |
|                 |            | 75      | 0         | 12.68                 | 12.77  | 12.93  | 13.00                               | 4                        |

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| LTE Band 66     |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1715                  | 1745   | 1775   |                                     |                          |
| Channel         |            |         |           | 132022                | 132322 | 132622 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 16.78                 | 16.68  | 16.71  | 17.00                               | 0                        |
|                 |            | 1       | 25        | 16.74                 | 16.76  | 16.87  | 17.00                               | 0                        |
|                 |            | 1       | 49        | 16.71                 | 16.78  | 16.74  | 17.00                               | 0                        |
|                 |            | 25      | 0         | 15.87                 | 15.70  | 15.90  | 16.00                               | 1                        |
|                 |            | 25      | 12        | 15.71                 | 15.78  | 15.84  | 16.00                               | 1                        |
|                 |            | 25      | 25        | 15.79                 | 15.78  | 15.75  | 16.00                               | 1                        |
|                 |            | 50      | 0         | 15.86                 | 15.75  | 15.79  | 16.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 15.77                 | 15.75  | 15.83  | 16.00                               | 1                        |
|                 |            | 1       | 25        | 15.74                 | 15.77  | 15.85  | 16.00                               | 1                        |
|                 |            | 1       | 49        | 15.83                 | 15.86  | 15.78  | 16.00                               | 1                        |
|                 |            | 25      | 0         | 14.74                 | 14.71  | 14.78  | 15.00                               | 2                        |
|                 |            | 25      | 12        | 14.79                 | 14.76  | 14.79  | 15.00                               | 2                        |
|                 |            | 25      | 25        | 14.88                 | 14.87  | 14.90  | 15.00                               | 2                        |
|                 |            | 50      | 0         | 14.77                 | 14.68  | 14.83  | 15.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 14.74                 | 14.86  | 14.80  | 15.00                               | 2                        |
|                 |            | 1       | 25        | 14.92                 | 14.82  | 14.83  | 15.00                               | 2                        |
|                 |            | 1       | 49        | 14.82                 | 14.70  | 14.76  | 15.00                               | 2                        |
|                 |            | 25      | 0         | 13.84                 | 13.80  | 13.81  | 14.00                               | 3                        |
|                 |            | 25      | 12        | 13.79                 | 13.76  | 13.78  | 14.00                               | 3                        |
|                 |            | 25      | 25        | 13.86                 | 13.76  | 13.88  | 14.00                               | 3                        |
|                 |            | 50      | 0         | 13.81                 | 13.86  | 13.82  | 14.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 13.79                 | 13.83  | 13.84  | 14.00                               | 3                        |
|                 |            | 1       | 25        | 13.81                 | 13.74  | 13.82  | 14.00                               | 3                        |
|                 |            | 1       | 49        | 13.80                 | 13.72  | 13.92  | 14.00                               | 3                        |
|                 |            | 25      | 0         | 12.83                 | 12.76  | 12.92  | 13.00                               | 4                        |
|                 |            | 25      | 12        | 12.79                 | 12.73  | 12.77  | 13.00                               | 4                        |
|                 |            | 25      | 25        | 12.72                 | 12.78  | 12.76  | 13.00                               | 4                        |
|                 |            | 50      | 0         | 12.72                 | 12.76  | 12.84  | 13.00                               | 4                        |

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| LTE Band 66     |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745   | 1777.5 |                                     |                          |
| Channel         |            |         |           | 131997                | 132322 | 132647 |                                     |                          |
| 5               | QPSK       | 1       | 0         | 16.85                 | 16.74  | 16.74  | 17.00                               | 0                        |
|                 |            | 1       | 12        | 16.74                 | 16.78  | 16.84  | 17.00                               | 0                        |
|                 |            | 1       | 24        | 16.73                 | 16.78  | 16.75  | 17.00                               | 0                        |
|                 |            | 12      | 0         | 15.75                 | 15.87  | 15.87  | 16.00                               | 1                        |
|                 |            | 12      | 6         | 15.83                 | 15.70  | 15.79  | 16.00                               | 1                        |
|                 |            | 12      | 13        | 15.72                 | 15.85  | 15.81  | 16.00                               | 1                        |
|                 |            | 25      | 0         | 15.81                 | 15.65  | 15.83  | 16.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 15.86                 | 15.73  | 15.93  | 16.00                               | 1                        |
|                 |            | 1       | 12        | 15.88                 | 15.83  | 15.81  | 16.00                               | 1                        |
|                 |            | 1       | 24        | 15.75                 | 15.81  | 15.84  | 16.00                               | 1                        |
|                 |            | 12      | 0         | 14.80                 | 14.79  | 14.93  | 15.00                               | 2                        |
|                 |            | 12      | 6         | 14.70                 | 14.75  | 14.77  | 15.00                               | 2                        |
|                 |            | 12      | 13        | 14.91                 | 14.79  | 14.77  | 15.00                               | 2                        |
|                 |            | 25      | 0         | 14.89                 | 14.78  | 14.87  | 15.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 14.81                 | 14.81  | 14.74  | 15.00                               | 2                        |
|                 |            | 1       | 12        | 14.87                 | 14.63  | 14.78  | 15.00                               | 2                        |
|                 |            | 1       | 24        | 14.81                 | 14.67  | 14.73  | 15.00                               | 2                        |
|                 |            | 12      | 0         | 13.77                 | 13.75  | 13.81  | 14.00                               | 3                        |
|                 |            | 12      | 6         | 13.69                 | 13.70  | 13.86  | 14.00                               | 3                        |
|                 |            | 12      | 13        | 13.76                 | 13.73  | 13.75  | 14.00                               | 3                        |
|                 |            | 25      | 0         | 13.77                 | 13.70  | 13.88  | 14.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 13.73                 | 13.76  | 13.77  | 14.00                               | 3                        |
|                 |            | 1       | 12        | 13.77                 | 13.71  | 13.79  | 14.00                               | 3                        |
|                 |            | 1       | 24        | 13.75                 | 13.75  | 13.84  | 14.00                               | 3                        |
|                 |            | 12      | 0         | 12.78                 | 12.72  | 12.88  | 13.00                               | 4                        |
|                 |            | 12      | 6         | 12.70                 | 12.75  | 12.80  | 13.00                               | 4                        |
|                 |            | 12      | 13        | 12.89                 | 12.73  | 12.82  | 13.00                               | 4                        |
|                 |            | 25      | 0         | 12.75                 | 12.85  | 12.77  | 13.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1711.5                | 1745   | 1778.5 |                                     |                          |
| Channel         |            |         |           | 131987                | 132322 | 132657 |                                     |                          |
| 3               | QPSK       | 1       | 0         | 16.86                 | 16.67  | 16.96  | 17.00                               | 0                        |
|                 |            | 1       | 7         | 16.82                 | 16.82  | 16.80  | 17.00                               | 0                        |
|                 |            | 1       | 14        | 16.85                 | 16.76  | 16.79  | 17.00                               | 0                        |
|                 |            | 8       | 0         | 15.77                 | 15.85  | 15.77  | 16.00                               | 1                        |
|                 |            | 8       | 4         | 15.74                 | 15.81  | 15.92  | 16.00                               | 1                        |
|                 |            | 8       | 7         | 15.81                 | 15.86  | 15.86  | 16.00                               | 1                        |
|                 |            | 15      | 0         | 15.76                 | 15.86  | 15.76  | 16.00                               | 1                        |
| 3               | 16-QAM     | 1       | 0         | 15.77                 | 15.78  | 15.89  | 16.00                               | 1                        |
|                 |            | 1       | 7         | 15.81                 | 15.69  | 15.87  | 16.00                               | 1                        |
|                 |            | 1       | 14        | 15.72                 | 15.79  | 15.79  | 16.00                               | 1                        |
|                 |            | 8       | 0         | 14.71                 | 14.82  | 14.83  | 15.00                               | 2                        |
|                 |            | 8       | 4         | 14.73                 | 14.65  | 14.80  | 15.00                               | 2                        |
|                 |            | 8       | 7         | 14.83                 | 14.73  | 14.81  | 15.00                               | 2                        |
|                 |            | 15      | 0         | 14.74                 | 14.79  | 14.70  | 15.00                               | 2                        |
| 3               | 64-QAM     | 1       | 0         | 14.78                 | 14.73  | 14.72  | 15.00                               | 2                        |
|                 |            | 1       | 7         | 14.81                 | 14.71  | 14.88  | 15.00                               | 2                        |
|                 |            | 1       | 14        | 14.67                 | 14.74  | 14.74  | 15.00                               | 2                        |
|                 |            | 8       | 0         | 13.69                 | 13.64  | 13.93  | 14.00                               | 3                        |
|                 |            | 8       | 4         | 13.80                 | 13.85  | 13.76  | 14.00                               | 3                        |
|                 |            | 8       | 7         | 13.83                 | 13.75  | 13.94  | 14.00                               | 3                        |
|                 |            | 15      | 0         | 13.75                 | 13.67  | 13.96  | 14.00                               | 3                        |
| 3               | 256-QAM    | 1       | 0         | 13.82                 | 13.75  | 13.77  | 14.00                               | 3                        |
|                 |            | 1       | 7         | 13.72                 | 13.77  | 13.82  | 14.00                               | 3                        |
|                 |            | 1       | 14        | 13.78                 | 13.73  | 13.85  | 14.00                               | 3                        |
|                 |            | 8       | 0         | 12.91                 | 12.80  | 12.79  | 13.00                               | 4                        |
|                 |            | 8       | 4         | 12.67                 | 12.72  | 12.73  | 13.00                               | 4                        |
|                 |            | 8       | 7         | 12.79                 | 12.68  | 12.77  | 13.00                               | 4                        |
|                 |            | 15      | 0         | 12.69                 | 12.77  | 12.90  | 13.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1710.7                | 1745   | 1779.3 |                                     |                          |
| Channel         |            |         |           | 131979                | 132322 | 132665 |                                     |                          |
| 1.4             | QPSK       | 1       | 0         | 16.71                 | 16.57  | 16.85  | 17.00                               | 0                        |
|                 |            | 1       | 2         | 16.76                 | 16.59  | 16.69  | 17.00                               | 0                        |
|                 |            | 1       | 5         | 16.67                 | 16.43  | 16.78  | 17.00                               | 0                        |
|                 |            | 3       | 0         | 16.58                 | 16.46  | 16.79  | 17.00                               | 0                        |
|                 |            | 3       | 2         | 16.77                 | 16.45  | 16.88  | 17.00                               | 0                        |
|                 |            | 3       | 3         | 16.78                 | 16.54  | 16.87  | 17.00                               | 0                        |
|                 |            | 6       | 0         | 15.82                 | 15.56  | 15.79  | 16.00                               | 1                        |
| 1.4             | 16-QAM     | 1       | 0         | 15.77                 | 15.50  | 15.90  | 16.00                               | 1                        |
|                 |            | 1       | 2         | 15.72                 | 15.52  | 15.85  | 16.00                               | 1                        |
|                 |            | 1       | 5         | 15.67                 | 15.46  | 15.78  | 16.00                               | 1                        |
|                 |            | 3       | 0         | 15.68                 | 15.44  | 15.74  | 16.00                               | 1                        |
|                 |            | 3       | 2         | 15.62                 | 15.41  | 15.77  | 16.00                               | 1                        |
|                 |            | 3       | 3         | 15.73                 | 15.65  | 15.77  | 16.00                               | 1                        |
|                 |            | 6       | 0         | 14.57                 | 14.50  | 14.80  | 15.00                               | 2                        |
| 1.4             | 64-QAM     | 1       | 0         | 14.69                 | 14.51  | 14.75  | 15.00                               | 2                        |
|                 |            | 1       | 2         | 14.74                 | 14.59  | 14.85  | 15.00                               | 2                        |
|                 |            | 1       | 5         | 14.60                 | 14.58  | 14.87  | 15.00                               | 2                        |
|                 |            | 3       | 0         | 14.66                 | 14.64  | 14.69  | 15.00                               | 2                        |
|                 |            | 3       | 2         | 14.59                 | 14.59  | 14.89  | 15.00                               | 2                        |
|                 |            | 3       | 3         | 14.74                 | 14.59  | 14.76  | 15.00                               | 2                        |
|                 |            | 6       | 0         | 13.64                 | 13.47  | 13.78  | 14.00                               | 3                        |
| 1.4             | 256-QAM    | 1       | 0         | 13.72                 | 13.59  | 13.72  | 14.00                               | 3                        |
|                 |            | 1       | 2         | 13.68                 | 13.54  | 13.78  | 14.00                               | 3                        |
|                 |            | 1       | 5         | 13.67                 | 13.37  | 13.79  | 14.00                               | 3                        |
|                 |            | 3       | 0         | 13.66                 | 13.42  | 13.70  | 14.00                               | 3                        |
|                 |            | 3       | 2         | 13.70                 | 13.51  | 13.82  | 14.00                               | 3                        |
|                 |            | 3       | 3         | 13.66                 | 13.52  | 13.82  | 14.00                               | 3                        |
|                 |            | 6       | 0         | 12.72                 | 12.52  | 12.74  | 13.00                               | 4                        |

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### 5.3 TDD LTE

#### Notebook mode

#### Ant5

| LTE Band 41_PC3 |            |         |           |                       |        |       |        |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|-------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2506                  | 2549.5 | 2593  | 2636.5 | 2680  |                                     |                          |
| Channel         |            |         |           | 39750                 | 40185  | 40620 | 41055  | 41490 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 22.39                 | 22.33  | 22.45 | 22.33  | 22.40 | 24.00                               | 0                        |
|                 |            | 1       | 50        | 22.26                 | 22.24  | 22.30 | 22.23  | 22.32 | 24.00                               | 0                        |
|                 |            | 1       | 99        | 22.30                 | 22.18  | 22.26 | 22.18  | 22.26 | 24.00                               | 0                        |
|                 |            | 50      | 0         | 21.28                 | 21.13  | 21.15 | 21.11  | 21.10 | 23.00                               | 1                        |
|                 |            | 50      | 25        | 21.33                 | 21.12  | 21.38 | 21.12  | 21.38 | 23.00                               | 1                        |
|                 |            | 50      | 50        | 21.26                 | 21.16  | 21.39 | 21.16  | 21.39 | 23.00                               | 1                        |
| 20              | 16-QAM     | 100     | 0         | 21.28                 | 21.26  | 21.35 | 21.26  | 21.35 | 23.00                               | 1                        |
|                 |            | 1       | 0         | 21.17                 | 21.10  | 21.21 | 21.10  | 21.21 | 23.00                               | 1                        |
|                 |            | 1       | 50        | 21.18                 | 21.17  | 21.24 | 21.17  | 21.24 | 23.00                               | 1                        |
|                 |            | 1       | 99        | 21.14                 | 21.23  | 21.32 | 21.23  | 21.32 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 20.10                 | 20.13  | 20.23 | 20.13  | 20.23 | 22.00                               | 2                        |
|                 |            | 50      | 25        | 20.18                 | 20.16  | 20.38 | 20.16  | 20.38 | 22.00                               | 2                        |
| 20              | 64-QAM     | 50      | 50        | 20.33                 | 20.23  | 20.35 | 20.23  | 20.35 | 22.00                               | 2                        |
|                 |            | 100     | 0         | 20.17                 | 20.23  | 20.34 | 20.23  | 20.34 | 22.00                               | 2                        |
|                 |            | 1       | 0         | 20.13                 | 20.27  | 20.30 | 20.27  | 20.30 | 22.00                               | 2                        |
|                 |            | 1       | 50        | 20.22                 | 20.11  | 20.29 | 20.11  | 20.29 | 22.00                               | 2                        |
|                 |            | 1       | 99        | 20.22                 | 20.07  | 20.36 | 20.07  | 20.36 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 19.23                 | 19.08  | 19.32 | 19.08  | 19.32 | 21.00                               | 3                        |
| 20              | 256-QAM    | 50      | 25        | 19.13                 | 19.25  | 19.32 | 19.25  | 19.32 | 21.00                               | 3                        |
|                 |            | 50      | 50        | 19.23                 | 19.13  | 19.24 | 19.13  | 19.24 | 21.00                               | 3                        |
|                 |            | 100     | 0         | 19.27                 | 19.18  | 19.21 | 19.18  | 19.21 | 21.00                               | 3                        |
|                 |            | 1       | 0         | 19.28                 | 19.06  | 19.19 | 19.06  | 19.19 | 21.00                               | 3                        |
|                 |            | 1       | 50        | 19.20                 | 19.16  | 19.35 | 19.16  | 19.35 | 21.00                               | 3                        |
|                 |            | 1       | 99        | 19.23                 | 19.17  | 19.21 | 19.17  | 19.21 | 21.00                               | 3                        |
| 20              | 256-QAM    | 50      | 0         | 18.26                 | 18.30  | 18.41 | 18.30  | 18.41 | 20.00                               | 4                        |
|                 |            | 50      | 25        | 18.12                 | 18.09  | 18.25 | 18.09  | 18.25 | 20.00                               | 4                        |
|                 |            | 50      | 50        | 18.25                 | 18.18  | 18.34 | 18.18  | 18.34 | 20.00                               | 4                        |
|                 |            | 100     | 0         | 18.26                 | 18.17  | 18.18 | 18.17  | 18.18 | 20.00                               | 4                        |

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| LTE Band 41_PC3 |            |         |           |                       |        |       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|-------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2503.5                | 2548.3 | 2593  | 2637.8 | 2682.5 |                                     |                          |
| Channel         |            |         |           | 39725                 | 40173  | 40620 | 41068  | 41515  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 22.11                 | 22.17  | 22.35 | 22.17  | 22.35  | 24.00                               | 0                        |
|                 |            | 1       | 36        | 22.15                 | 22.11  | 22.25 | 22.11  | 22.25  | 24.00                               | 0                        |
|                 |            | 1       | 74        | 22.30                 | 22.17  | 22.30 | 22.17  | 22.30  | 24.00                               | 0                        |
|                 |            | 36      | 0         | 21.24                 | 21.23  | 21.31 | 21.23  | 21.31  | 23.00                               | 1                        |
|                 |            | 36      | 18        | 21.20                 | 21.17  | 21.31 | 21.17  | 21.31  | 23.00                               | 1                        |
|                 |            | 36      | 37        | 21.16                 | 21.13  | 21.31 | 21.13  | 21.31  | 23.00                               | 1                        |
|                 |            | 75      | 0         | 21.29                 | 21.18  | 21.33 | 21.18  | 21.33  | 23.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 21.24                 | 21.06  | 21.18 | 21.06  | 21.18  | 23.00                               | 1                        |
|                 |            | 1       | 36        | 21.23                 | 21.15  | 21.37 | 21.15  | 21.37  | 23.00                               | 1                        |
|                 |            | 1       | 74        | 21.09                 | 21.25  | 21.23 | 21.25  | 21.23  | 23.00                               | 1                        |
|                 |            | 36      | 0         | 20.28                 | 20.15  | 20.25 | 20.15  | 20.25  | 22.00                               | 2                        |
|                 |            | 36      | 18        | 20.20                 | 20.05  | 20.30 | 20.05  | 20.30  | 22.00                               | 2                        |
|                 |            | 36      | 37        | 20.27                 | 20.20  | 20.23 | 20.20  | 20.23  | 22.00                               | 2                        |
|                 |            | 75      | 0         | 20.09                 | 20.08  | 20.26 | 20.08  | 20.26  | 22.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 20.17                 | 20.06  | 20.31 | 20.06  | 20.31  | 22.00                               | 2                        |
|                 |            | 1       | 36        | 20.15                 | 20.15  | 20.28 | 20.15  | 20.28  | 22.00                               | 2                        |
|                 |            | 1       | 74        | 20.25                 | 20.15  | 20.21 | 20.15  | 20.21  | 22.00                               | 2                        |
|                 |            | 36      | 0         | 19.23                 | 19.14  | 19.33 | 19.14  | 19.33  | 21.00                               | 3                        |
|                 |            | 36      | 18        | 19.18                 | 19.24  | 19.26 | 19.24  | 19.26  | 21.00                               | 3                        |
|                 |            | 36      | 37        | 19.17                 | 19.13  | 19.23 | 19.13  | 19.23  | 21.00                               | 3                        |
|                 |            | 75      | 0         | 19.20                 | 19.21  | 19.32 | 19.21  | 19.32  | 21.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 19.13                 | 19.12  | 19.29 | 19.12  | 19.29  | 21.00                               | 3                        |
|                 |            | 1       | 36        | 19.20                 | 19.19  | 19.32 | 19.19  | 19.32  | 21.00                               | 3                        |
|                 |            | 1       | 74        | 19.11                 | 19.17  | 19.36 | 19.17  | 19.36  | 21.00                               | 3                        |
|                 |            | 36      | 0         | 18.12                 | 18.08  | 18.33 | 18.08  | 18.33  | 20.00                               | 4                        |
|                 |            | 36      | 18        | 18.17                 | 18.17  | 18.33 | 18.17  | 18.33  | 20.00                               | 4                        |
|                 |            | 36      | 37        | 18.23                 | 18.12  | 18.41 | 18.12  | 18.41  | 20.00                               | 4                        |
|                 |            | 75      | 0         | 18.23                 | 18.14  | 18.29 | 18.14  | 18.29  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2501                  | 2547  | 2593  | 2639  | 2685  |                                     |                          |
| Channel         |            |         |           | 39700                 | 40160 | 40620 | 41080 | 41540 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 22.21                 | 22.16 | 22.35 | 22.16 | 22.35 | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.31                 | 22.14 | 22.28 | 22.14 | 22.28 | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.17                 | 22.11 | 22.28 | 22.11 | 22.28 | 24.00                               | 0                        |
|                 |            | 25      | 0         | 21.18                 | 21.24 | 21.32 | 21.24 | 21.32 | 23.00                               | 1                        |
|                 |            | 25      | 12        | 21.22                 | 21.19 | 21.24 | 21.19 | 21.24 | 23.00                               | 1                        |
|                 |            | 25      | 25        | 21.26                 | 21.27 | 21.39 | 21.27 | 21.39 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.26                 | 21.12 | 21.23 | 21.12 | 21.23 | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.34                 | 21.15 | 21.34 | 21.15 | 21.34 | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.20                 | 21.25 | 21.23 | 21.25 | 21.23 | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.28                 | 21.20 | 21.19 | 21.20 | 21.19 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 20.19                 | 20.26 | 20.30 | 20.26 | 20.30 | 22.00                               | 2                        |
|                 |            | 25      | 12        | 20.21                 | 20.18 | 20.29 | 20.18 | 20.29 | 22.00                               | 2                        |
|                 |            | 25      | 25        | 20.27                 | 20.17 | 20.25 | 20.17 | 20.25 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.14                 | 20.09 | 20.30 | 20.09 | 20.30 | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.36                 | 20.11 | 20.36 | 20.11 | 20.36 | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.18                 | 20.19 | 20.38 | 20.19 | 20.38 | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.23                 | 20.09 | 20.22 | 20.09 | 20.22 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 19.23                 | 19.14 | 19.25 | 19.14 | 19.25 | 21.00                               | 3                        |
|                 |            | 25      | 12        | 19.20                 | 19.23 | 19.21 | 19.23 | 19.21 | 21.00                               | 3                        |
|                 |            | 25      | 25        | 19.23                 | 19.15 | 19.21 | 19.15 | 19.21 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.17                 | 19.16 | 19.36 | 19.16 | 19.36 | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.12                 | 19.15 | 19.35 | 19.15 | 19.35 | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.20                 | 19.16 | 19.26 | 19.16 | 19.26 | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.22                 | 19.19 | 19.17 | 19.19 | 19.17 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 18.18                 | 18.06 | 18.18 | 18.06 | 18.18 | 20.00                               | 4                        |
|                 |            | 25      | 12        | 18.22                 | 18.27 | 18.43 | 18.27 | 18.43 | 20.00                               | 4                        |
|                 |            | 25      | 25        | 18.16                 | 18.21 | 18.22 | 18.21 | 18.22 | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.33                 | 18.16 | 18.24 | 18.16 | 18.24 | 20.00                               | 4                        |

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| LTE Band 41_PC3 |            |         |           |                       |        |       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|-------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2498.5                | 2545.8 | 2593  | 2640.3 | 2687.5 |                                     |                          |
| Channel         |            |         |           | 39675                 | 40148  | 40620 | 41093  | 41565  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.19                 | 22.14  | 22.33 | 22.14  | 22.33  | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.22                 | 22.17  | 22.25 | 22.17  | 22.25  | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.19                 | 22.17  | 22.30 | 22.17  | 22.30  | 24.00                               | 0                        |
|                 |            | 12      | 0         | 21.15                 | 21.26  | 21.32 | 21.26  | 21.32  | 23.00                               | 1                        |
|                 |            | 12      | 6         | 21.22                 | 21.19  | 21.31 | 21.19  | 21.31  | 23.00                               | 1                        |
|                 |            | 12      | 13        | 21.22                 | 21.17  | 21.16 | 21.17  | 21.16  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.16                 | 21.19  | 21.33 | 21.19  | 21.33  | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.21                 | 21.18  | 21.36 | 21.18  | 21.36  | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.28                 | 21.08  | 21.27 | 21.08  | 21.27  | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.23                 | 21.14  | 21.30 | 21.14  | 21.30  | 23.00                               | 1                        |
|                 |            | 12      | 0         | 20.32                 | 20.14  | 20.29 | 20.14  | 20.29  | 22.00                               | 2                        |
|                 |            | 12      | 6         | 20.25                 | 20.10  | 20.17 | 20.10  | 20.17  | 22.00                               | 2                        |
|                 |            | 12      | 13        | 20.30                 | 20.26  | 20.24 | 20.26  | 20.24  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.21                 | 20.21  | 20.34 | 20.21  | 20.34  | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.24                 | 20.26  | 20.33 | 20.26  | 20.33  | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.14                 | 20.10  | 20.38 | 20.10  | 20.38  | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.24                 | 20.22  | 20.23 | 20.22  | 20.23  | 22.00                               | 2                        |
|                 |            | 12      | 0         | 19.27                 | 19.15  | 19.27 | 19.15  | 19.27  | 21.00                               | 3                        |
|                 |            | 12      | 6         | 19.31                 | 19.18  | 19.31 | 19.18  | 19.31  | 21.00                               | 3                        |
|                 |            | 12      | 13        | 19.26                 | 19.07  | 19.29 | 19.07  | 19.29  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.32                 | 19.09  | 19.27 | 19.09  | 19.27  | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.15                 | 19.10  | 19.20 | 19.10  | 19.20  | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.30                 | 19.13  | 19.29 | 19.13  | 19.29  | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.12                 | 19.12  | 19.29 | 19.12  | 19.29  | 21.00                               | 3                        |
|                 |            | 12      | 0         | 18.21                 | 18.04  | 18.43 | 18.04  | 18.43  | 20.00                               | 4                        |
|                 |            | 12      | 6         | 18.21                 | 18.30  | 18.21 | 18.30  | 18.21  | 20.00                               | 4                        |
|                 |            | 12      | 13        | 18.31                 | 18.18  | 18.33 | 18.18  | 18.33  | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.27                 | 18.26  | 18.28 | 18.26  | 18.28  | 20.00                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3460                  | 3500  | 3540  |                                     |                          |
| Channel           |            |         |           | 42190                 | 42590 | 42990 |                                     |                          |
| 20                | QPSK       | 1       | 0         | 21.03                 | 21.11 | 21.17 | 21.40                               | 0                        |
|                   |            | 1       | 50        | 20.87                 | 20.93 | 20.99 | 21.40                               | 0                        |
|                   |            | 1       | 99        | 20.84                 | 20.92 | 21.01 | 21.40                               | 0                        |
|                   |            | 50      | 0         | 19.88                 | 19.98 | 19.89 | 20.40                               | 1                        |
|                   |            | 50      | 25        | 19.74                 | 19.88 | 20.13 | 20.40                               | 1                        |
|                   |            | 50      | 50        | 19.91                 | 19.91 | 20.00 | 20.40                               | 1                        |
|                   |            | 100     | 0         | 19.88                 | 19.87 | 20.03 | 20.40                               | 1                        |
| 20                | 16-QAM     | 1       | 0         | 19.94                 | 19.93 | 20.04 | 20.40                               | 1                        |
|                   |            | 1       | 50        | 19.85                 | 20.05 | 19.97 | 20.40                               | 1                        |
|                   |            | 1       | 99        | 19.86                 | 19.87 | 20.01 | 20.40                               | 1                        |
|                   |            | 50      | 0         | 19.00                 | 18.90 | 18.97 | 19.40                               | 2                        |
|                   |            | 50      | 25        | 18.97                 | 18.92 | 18.99 | 19.40                               | 2                        |
|                   |            | 50      | 50        | 18.91                 | 19.03 | 18.99 | 19.40                               | 2                        |
|                   |            | 100     | 0         | 18.86                 | 19.02 | 19.08 | 19.40                               | 2                        |
| 20                | 64-QAM     | 1       | 0         | 18.86                 | 18.94 | 19.10 | 19.40                               | 2                        |
|                   |            | 1       | 50        | 18.83                 | 18.82 | 19.07 | 19.40                               | 2                        |
|                   |            | 1       | 99        | 18.87                 | 18.88 | 19.14 | 19.40                               | 2                        |
|                   |            | 50      | 0         | 17.86                 | 17.90 | 18.11 | 18.40                               | 3                        |
|                   |            | 50      | 25        | 17.81                 | 17.99 | 18.05 | 18.40                               | 3                        |
|                   |            | 50      | 50        | 17.81                 | 17.97 | 18.04 | 18.40                               | 3                        |
|                   |            | 100     | 0         | 17.82                 | 17.99 | 17.92 | 18.40                               | 3                        |
| 20                | 256-QAM    | 1       | 0         | 17.79                 | 17.95 | 18.08 | 18.40                               | 3                        |
|                   |            | 1       | 50        | 17.85                 | 17.96 | 18.02 | 18.40                               | 3                        |
|                   |            | 1       | 99        | 17.89                 | 17.93 | 17.88 | 18.40                               | 3                        |
|                   |            | 50      | 0         | 16.83                 | 16.99 | 16.93 | 17.40                               | 4                        |
|                   |            | 50      | 25        | 16.89                 | 16.94 | 16.99 | 17.40                               | 4                        |
|                   |            | 50      | 50        | 16.97                 | 16.95 | 17.03 | 17.40                               | 4                        |
|                   |            | 100     | 0         | 16.80                 | 16.97 | 17.04 | 17.40                               | 4                        |

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| LTE Band 42_Part1 |            |         |           |                       |       |        |                                     |                          |
|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3457.5                | 3500  | 3542.5 |                                     |                          |
| Channel           |            |         |           | 42165                 | 42590 | 43015  |                                     |                          |
| 15                | QPSK       | 1       | 0         | 20.91                 | 20.82 | 20.94  | 21.40                               | 0                        |
|                   |            | 1       | 36        | 20.74                 | 20.82 | 20.87  | 21.40                               | 0                        |
|                   |            | 1       | 74        | 20.91                 | 21.05 | 21.11  | 21.40                               | 0                        |
|                   |            | 36      | 0         | 19.89                 | 19.91 | 20.09  | 20.40                               | 1                        |
|                   |            | 36      | 18        | 19.98                 | 19.86 | 20.03  | 20.40                               | 1                        |
|                   |            | 36      | 37        | 19.82                 | 19.99 | 19.97  | 20.40                               | 1                        |
|                   |            | 75      | 0         | 19.86                 | 19.97 | 19.89  | 20.40                               | 1                        |
| 15                | 16-QAM     | 1       | 0         | 19.85                 | 19.97 | 19.98  | 20.40                               | 1                        |
|                   |            | 1       | 36        | 19.86                 | 19.81 | 20.14  | 20.40                               | 1                        |
|                   |            | 1       | 74        | 19.89                 | 20.01 | 19.96  | 20.40                               | 1                        |
|                   |            | 36      | 0         | 18.89                 | 19.02 | 18.95  | 19.40                               | 2                        |
|                   |            | 36      | 18        | 18.83                 | 18.83 | 19.07  | 19.40                               | 2                        |
|                   |            | 36      | 37        | 18.86                 | 18.95 | 19.09  | 19.40                               | 2                        |
|                   |            | 75      | 0         | 18.76                 | 18.92 | 19.12  | 19.40                               | 2                        |
| 15                | 64-QAM     | 1       | 0         | 18.91                 | 18.86 | 19.06  | 19.40                               | 2                        |
|                   |            | 1       | 36        | 18.83                 | 18.99 | 19.00  | 19.40                               | 2                        |
|                   |            | 1       | 74        | 18.83                 | 19.07 | 18.91  | 19.40                               | 2                        |
|                   |            | 36      | 0         | 17.97                 | 17.95 | 18.15  | 18.40                               | 3                        |
|                   |            | 36      | 18        | 17.97                 | 17.89 | 17.98  | 18.40                               | 3                        |
|                   |            | 36      | 37        | 17.83                 | 17.93 | 17.92  | 18.40                               | 3                        |
|                   |            | 75      | 0         | 17.90                 | 18.04 | 18.00  | 18.40                               | 3                        |
| 15                | 256-QAM    | 1       | 0         | 17.92                 | 17.97 | 17.96  | 18.40                               | 3                        |
|                   |            | 1       | 36        | 17.85                 | 18.03 | 18.00  | 18.40                               | 3                        |
|                   |            | 1       | 74        | 17.88                 | 17.86 | 18.04  | 18.40                               | 3                        |
|                   |            | 36      | 0         | 16.79                 | 16.93 | 17.09  | 17.40                               | 4                        |
|                   |            | 36      | 18        | 16.97                 | 16.83 | 16.91  | 17.40                               | 4                        |
|                   |            | 36      | 37        | 16.91                 | 17.00 | 16.94  | 17.40                               | 4                        |
|                   |            | 75      | 0         | 16.83                 | 16.89 | 16.89  | 17.40                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3455                  | 3500  | 3545  |                                     |                          |
| Channel           |            |         |           | 42140                 | 42590 | 43040 |                                     |                          |
| 10                | QPSK       | 1       | 0         | 20.83                 | 20.84 | 21.01 | 21.40                               | 0                        |
|                   |            | 1       | 25        | 20.82                 | 20.99 | 20.97 | 21.40                               | 0                        |
|                   |            | 1       | 49        | 20.83                 | 20.94 | 21.08 | 21.40                               | 0                        |
|                   |            | 25      | 0         | 19.87                 | 19.88 | 20.00 | 20.40                               | 1                        |
|                   |            | 25      | 12        | 19.95                 | 20.03 | 20.14 | 20.40                               | 1                        |
|                   |            | 25      | 25        | 19.77                 | 19.85 | 20.00 | 20.40                               | 1                        |
|                   |            | 50      | 0         | 19.95                 | 19.93 | 20.00 | 20.40                               | 1                        |
| 10                | 16-QAM     | 1       | 0         | 19.88                 | 20.01 | 20.06 | 20.40                               | 1                        |
|                   |            | 1       | 25        | 19.78                 | 19.99 | 19.93 | 20.40                               | 1                        |
|                   |            | 1       | 49        | 19.88                 | 20.01 | 20.04 | 20.40                               | 1                        |
|                   |            | 25      | 0         | 18.95                 | 18.91 | 19.01 | 19.40                               | 2                        |
|                   |            | 25      | 12        | 18.93                 | 18.87 | 19.01 | 19.40                               | 2                        |
|                   |            | 25      | 25        | 18.88                 | 18.94 | 19.03 | 19.40                               | 2                        |
|                   |            | 50      | 0         | 18.88                 | 18.98 | 19.00 | 19.40                               | 2                        |
| 10                | 64-QAM     | 1       | 0         | 18.93                 | 18.96 | 19.11 | 19.40                               | 2                        |
|                   |            | 1       | 25        | 18.88                 | 19.01 | 18.98 | 19.40                               | 2                        |
|                   |            | 1       | 49        | 18.80                 | 18.92 | 19.07 | 19.40                               | 2                        |
|                   |            | 25      | 0         | 17.89                 | 17.93 | 18.04 | 18.40                               | 3                        |
|                   |            | 25      | 12        | 17.96                 | 17.99 | 17.99 | 18.40                               | 3                        |
|                   |            | 25      | 25        | 17.87                 | 17.96 | 17.99 | 18.40                               | 3                        |
|                   |            | 50      | 0         | 17.87                 | 17.95 | 17.96 | 18.40                               | 3                        |
| 10                | 256-QAM    | 1       | 0         | 18.00                 | 17.90 | 18.09 | 18.40                               | 3                        |
|                   |            | 1       | 25        | 17.90                 | 17.95 | 17.98 | 18.40                               | 3                        |
|                   |            | 1       | 49        | 17.80                 | 17.90 | 18.02 | 18.40                               | 3                        |
|                   |            | 25      | 0         | 16.97                 | 16.97 | 16.94 | 17.40                               | 4                        |
|                   |            | 25      | 12        | 16.90                 | 16.99 | 16.97 | 17.40                               | 4                        |
|                   |            | 25      | 25        | 16.88                 | 16.86 | 16.93 | 17.40                               | 4                        |
|                   |            | 50      | 0         | 16.86                 | 16.92 | 17.01 | 17.40                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3452.5                | 3500  | 3547.5 |                                     |                          |
| Channel           |            |         |           | 42115                 | 42590 | 43065  |                                     |                          |
| 5                 | QPSK       | 1       | 0         | 20.82                 | 20.99 | 21.02  | 21.40                               | 0                        |
|                   |            | 1       | 12        | 20.96                 | 20.95 | 21.01  | 21.40                               | 0                        |
|                   |            | 1       | 24        | 20.85                 | 21.02 | 20.89  | 21.40                               | 0                        |
|                   |            | 12      | 0         | 19.94                 | 20.00 | 20.03  | 20.40                               | 1                        |
|                   |            | 12      | 6         | 19.96                 | 19.99 | 20.09  | 20.40                               | 1                        |
|                   |            | 12      | 13        | 19.79                 | 19.97 | 20.13  | 20.40                               | 1                        |
|                   |            | 25      | 0         | 19.81                 | 19.96 | 20.03  | 20.40                               | 1                        |
| 5                 | 16-QAM     | 1       | 0         | 19.96                 | 20.02 | 19.98  | 20.40                               | 1                        |
|                   |            | 1       | 12        | 19.84                 | 19.93 | 19.96  | 20.40                               | 1                        |
|                   |            | 1       | 24        | 19.76                 | 19.90 | 19.92  | 20.40                               | 1                        |
|                   |            | 12      | 0         | 18.86                 | 18.85 | 18.91  | 19.40                               | 2                        |
|                   |            | 12      | 6         | 18.86                 | 18.94 | 19.00  | 19.40                               | 2                        |
|                   |            | 12      | 13        | 19.01                 | 18.93 | 18.98  | 19.40                               | 2                        |
|                   |            | 25      | 0         | 18.86                 | 18.99 | 18.97  | 19.40                               | 2                        |
| 5                 | 64-QAM     | 1       | 0         | 18.79                 | 18.95 | 19.12  | 19.40                               | 2                        |
|                   |            | 1       | 12        | 18.89                 | 18.82 | 19.11  | 19.40                               | 2                        |
|                   |            | 1       | 24        | 18.95                 | 19.00 | 19.01  | 19.40                               | 2                        |
|                   |            | 12      | 0         | 17.90                 | 18.02 | 17.96  | 18.40                               | 3                        |
|                   |            | 12      | 6         | 17.87                 | 17.94 | 18.05  | 18.40                               | 3                        |
|                   |            | 12      | 13        | 17.97                 | 18.04 | 17.90  | 18.40                               | 3                        |
|                   |            | 25      | 0         | 17.91                 | 17.82 | 17.91  | 18.40                               | 3                        |
| 5                 | 256-QAM    | 1       | 0         | 17.93                 | 17.97 | 18.04  | 18.40                               | 3                        |
|                   |            | 1       | 12        | 17.82                 | 17.86 | 17.87  | 18.40                               | 3                        |
|                   |            | 1       | 24        | 17.97                 | 18.04 | 17.88  | 18.40                               | 3                        |
|                   |            | 12      | 0         | 16.76                 | 16.90 | 17.15  | 17.40                               | 4                        |
|                   |            | 12      | 6         | 16.88                 | 16.90 | 17.01  | 17.40                               | 4                        |
|                   |            | 12      | 13        | 16.94                 | 16.86 | 17.10  | 17.40                               | 4                        |
|                   |            | 25      | 0         | 16.87                 | 16.93 | 17.00  | 17.40                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3560                  | 3575  | 3590  |                                     |                          |
| Channel           |            |         |           | 43190                 | 43340 | 43490 |                                     |                          |
| 20                | QPSK       | 1       | 0         | 21.22                 | 21.21 | 21.02 | 21.40                               | 0                        |
|                   |            | 1       | 50        | 20.98                 | 21.01 | 20.80 | 21.40                               | 0                        |
|                   |            | 1       | 99        | 21.07                 | 21.07 | 20.84 | 21.40                               | 0                        |
|                   |            | 50      | 0         | 19.95                 | 19.93 | 19.97 | 20.40                               | 1                        |
|                   |            | 50      | 25        | 20.03                 | 20.02 | 19.96 | 20.40                               | 1                        |
|                   |            | 50      | 50        | 20.14                 | 19.97 | 19.86 | 20.40                               | 1                        |
|                   |            | 100     | 0         | 20.12                 | 20.11 | 19.79 | 20.40                               | 1                        |
| 20                | 16-QAM     | 1       | 0         | 19.94                 | 20.03 | 19.88 | 20.40                               | 1                        |
|                   |            | 1       | 50        | 20.06                 | 20.03 | 19.77 | 20.40                               | 1                        |
|                   |            | 1       | 99        | 20.02                 | 20.01 | 19.95 | 20.40                               | 1                        |
|                   |            | 50      | 0         | 19.05                 | 19.14 | 18.87 | 19.40                               | 2                        |
|                   |            | 50      | 25        | 19.10                 | 19.05 | 18.90 | 19.40                               | 2                        |
|                   |            | 50      | 50        | 19.01                 | 19.11 | 18.83 | 19.40                               | 2                        |
|                   |            | 100     | 0         | 19.15                 | 19.03 | 18.88 | 19.40                               | 2                        |
| 20                | 64-QAM     | 1       | 0         | 19.00                 | 18.95 | 18.81 | 19.40                               | 2                        |
|                   |            | 1       | 50        | 19.01                 | 19.02 | 18.80 | 19.40                               | 2                        |
|                   |            | 1       | 99        | 19.11                 | 19.09 | 18.80 | 19.40                               | 2                        |
|                   |            | 50      | 0         | 18.06                 | 18.05 | 17.81 | 18.40                               | 3                        |
|                   |            | 50      | 25        | 18.13                 | 18.04 | 17.87 | 18.40                               | 3                        |
|                   |            | 50      | 50        | 18.06                 | 18.04 | 17.78 | 18.40                               | 3                        |
|                   |            | 100     | 0         | 18.00                 | 18.11 | 17.83 | 18.40                               | 3                        |
| 20                | 256-QAM    | 1       | 0         | 18.05                 | 18.12 | 17.84 | 18.40                               | 3                        |
|                   |            | 1       | 50        | 18.02                 | 17.97 | 17.80 | 18.40                               | 3                        |
|                   |            | 1       | 99        | 18.18                 | 18.03 | 17.83 | 18.40                               | 3                        |
|                   |            | 50      | 0         | 17.00                 | 17.08 | 16.83 | 17.40                               | 4                        |
|                   |            | 50      | 25        | 17.10                 | 17.04 | 16.82 | 17.40                               | 4                        |
|                   |            | 50      | 50        | 17.05                 | 17.09 | 16.81 | 17.40                               | 4                        |
|                   |            | 100     | 0         | 17.05                 | 17.02 | 16.75 | 17.40                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3557.5                | 3575  | 3592.5 |                                     |                          |
| Channel           |            |         |           | 43165                 | 43340 | 43515  |                                     |                          |
| 15                | QPSK       | 1       | 0         | 21.07                 | 20.92 | 20.76  | 21.40                               | 0                        |
|                   |            | 1       | 36        | 21.20                 | 21.10 | 20.80  | 21.40                               | 0                        |
|                   |            | 1       | 74        | 21.08                 | 21.04 | 20.74  | 21.40                               | 0                        |
|                   |            | 36      | 0         | 20.20                 | 20.11 | 19.79  | 20.40                               | 1                        |
|                   |            | 36      | 18        | 20.04                 | 20.08 | 19.87  | 20.40                               | 1                        |
|                   |            | 36      | 37        | 19.97                 | 20.11 | 19.83  | 20.40                               | 1                        |
|                   |            | 75      | 0         | 20.13                 | 19.93 | 19.77  | 20.40                               | 1                        |
| 15                | 16-QAM     | 1       | 0         | 20.06                 | 19.97 | 19.82  | 20.40                               | 1                        |
|                   |            | 1       | 36        | 20.03                 | 19.98 | 19.79  | 20.40                               | 1                        |
|                   |            | 1       | 74        | 20.05                 | 20.10 | 19.81  | 20.40                               | 1                        |
|                   |            | 36      | 0         | 19.10                 | 18.99 | 18.95  | 19.40                               | 2                        |
|                   |            | 36      | 18        | 19.05                 | 19.06 | 18.75  | 19.40                               | 2                        |
|                   |            | 36      | 37        | 19.08                 | 19.06 | 18.86  | 19.40                               | 2                        |
|                   |            | 75      | 0         | 19.15                 | 19.00 | 18.82  | 19.40                               | 2                        |
| 15                | 64-QAM     | 1       | 0         | 19.12                 | 19.02 | 18.88  | 19.40                               | 2                        |
|                   |            | 1       | 36        | 19.05                 | 19.04 | 18.80  | 19.40                               | 2                        |
|                   |            | 1       | 74        | 19.05                 | 19.06 | 18.94  | 19.40                               | 2                        |
|                   |            | 36      | 0         | 18.04                 | 18.07 | 17.88  | 18.40                               | 3                        |
|                   |            | 36      | 18        | 18.06                 | 18.08 | 17.84  | 18.40                               | 3                        |
|                   |            | 36      | 37        | 18.18                 | 18.09 | 17.81  | 18.40                               | 3                        |
|                   |            | 75      | 0         | 17.92                 | 17.98 | 17.82  | 18.40                               | 3                        |
| 15                | 256-QAM    | 1       | 0         | 18.12                 | 17.93 | 17.87  | 18.40                               | 3                        |
|                   |            | 1       | 36        | 17.99                 | 18.16 | 17.82  | 18.40                               | 3                        |
|                   |            | 1       | 74        | 18.08                 | 18.08 | 17.97  | 18.40                               | 3                        |
|                   |            | 36      | 0         | 17.04                 | 17.03 | 16.80  | 17.40                               | 4                        |
|                   |            | 36      | 18        | 17.08                 | 17.03 | 16.75  | 17.40                               | 4                        |
|                   |            | 36      | 37        | 17.14                 | 17.06 | 16.86  | 17.40                               | 4                        |
|                   |            | 75      | 0         | 17.17                 | 17.06 | 16.89  | 17.40                               | 4                        |

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| LTE Band 42_Part2 |            |         |           |                       |       |       |                                     |                          |
|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3555                  | 3575  | 3595  |                                     |                          |
| Channel           |            |         |           | 43140                 | 43340 | 43540 |                                     |                          |
| 10                | QPSK       | 1       | 0         | 21.05                 | 20.98 | 20.94 | 21.40                               | 0                        |
|                   |            | 1       | 25        | 21.09                 | 20.95 | 20.77 | 21.40                               | 0                        |
|                   |            | 1       | 49        | 21.20                 | 21.05 | 20.98 | 21.40                               | 0                        |
|                   |            | 25      | 0         | 20.07                 | 20.06 | 19.92 | 20.40                               | 1                        |
|                   |            | 25      | 12        | 20.04                 | 20.06 | 19.83 | 20.40                               | 1                        |
|                   |            | 25      | 25        | 20.05                 | 20.03 | 19.98 | 20.40                               | 1                        |
|                   |            | 50      | 0         | 20.03                 | 20.12 | 19.82 | 20.40                               | 1                        |
| 10                | 16-QAM     | 1       | 0         | 20.07                 | 20.02 | 19.80 | 20.40                               | 1                        |
|                   |            | 1       | 25        | 20.11                 | 20.07 | 19.85 | 20.40                               | 1                        |
|                   |            | 1       | 49        | 20.09                 | 20.10 | 19.82 | 20.40                               | 1                        |
|                   |            | 25      | 0         | 19.17                 | 18.97 | 18.90 | 19.40                               | 2                        |
|                   |            | 25      | 12        | 19.09                 | 19.05 | 18.85 | 19.40                               | 2                        |
|                   |            | 25      | 25        | 18.98                 | 18.99 | 18.81 | 19.40                               | 2                        |
|                   |            | 50      | 0         | 19.06                 | 19.04 | 18.83 | 19.40                               | 2                        |
| 10                | 64-QAM     | 1       | 0         | 18.94                 | 18.97 | 18.86 | 19.40                               | 2                        |
|                   |            | 1       | 25        | 18.99                 | 19.02 | 18.78 | 19.40                               | 2                        |
|                   |            | 1       | 49        | 19.01                 | 19.01 | 18.76 | 19.40                               | 2                        |
|                   |            | 25      | 0         | 18.10                 | 17.95 | 17.88 | 18.40                               | 3                        |
|                   |            | 25      | 12        | 18.02                 | 18.02 | 17.92 | 18.40                               | 3                        |
|                   |            | 25      | 25        | 18.08                 | 18.08 | 17.89 | 18.40                               | 3                        |
|                   |            | 50      | 0         | 18.03                 | 17.94 | 17.90 | 18.40                               | 3                        |
| 10                | 256-QAM    | 1       | 0         | 18.05                 | 18.07 | 17.83 | 18.40                               | 3                        |
|                   |            | 1       | 25        | 18.00                 | 18.04 | 17.87 | 18.40                               | 3                        |
|                   |            | 1       | 49        | 18.15                 | 17.97 | 17.83 | 18.40                               | 3                        |
|                   |            | 25      | 0         | 17.04                 | 17.01 | 16.75 | 17.40                               | 4                        |
|                   |            | 25      | 12        | 16.93                 | 17.14 | 16.85 | 17.40                               | 4                        |
|                   |            | 25      | 25        | 17.08                 | 16.99 | 16.75 | 17.40                               | 4                        |
|                   |            | 50      | 0         | 17.04                 | 16.99 | 16.81 | 17.40                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3552.5                | 3575  | 3597.5 |                                     |                          |
| Channel           |            |         |           | 43115                 | 43340 | 43565  |                                     |                          |
| 5                 | QPSK       | 1       | 0         | 21.14                 | 21.10 | 20.82  | 21.40                               | 0                        |
|                   |            | 1       | 12        | 21.11                 | 21.05 | 20.81  | 21.40                               | 0                        |
|                   |            | 1       | 24        | 21.12                 | 21.06 | 20.96  | 21.40                               | 0                        |
|                   |            | 12      | 0         | 20.03                 | 19.99 | 19.92  | 20.40                               | 1                        |
|                   |            | 12      | 6         | 20.04                 | 20.06 | 19.87  | 20.40                               | 1                        |
|                   |            | 12      | 13        | 20.04                 | 20.14 | 19.78  | 20.40                               | 1                        |
|                   |            | 25      | 0         | 20.11                 | 20.15 | 19.90  | 20.40                               | 1                        |
| 5                 | 16-QAM     | 1       | 0         | 20.06                 | 20.09 | 19.91  | 20.40                               | 1                        |
|                   |            | 1       | 12        | 20.13                 | 19.93 | 19.92  | 20.40                               | 1                        |
|                   |            | 1       | 24        | 20.12                 | 20.01 | 19.86  | 20.40                               | 1                        |
|                   |            | 12      | 0         | 19.07                 | 19.19 | 18.93  | 19.40                               | 2                        |
|                   |            | 12      | 6         | 18.97                 | 19.10 | 18.87  | 19.40                               | 2                        |
|                   |            | 12      | 13        | 19.14                 | 19.18 | 18.84  | 19.40                               | 2                        |
|                   |            | 25      | 0         | 19.00                 | 19.08 | 18.88  | 19.40                               | 2                        |
| 5                 | 64-QAM     | 1       | 0         | 18.96                 | 18.98 | 18.88  | 19.40                               | 2                        |
|                   |            | 1       | 12        | 19.06                 | 19.04 | 18.80  | 19.40                               | 2                        |
|                   |            | 1       | 24        | 18.94                 | 18.98 | 18.83  | 19.40                               | 2                        |
|                   |            | 12      | 0         | 18.04                 | 18.13 | 17.76  | 18.40                               | 3                        |
|                   |            | 12      | 6         | 18.09                 | 18.03 | 17.91  | 18.40                               | 3                        |
|                   |            | 12      | 13        | 17.98                 | 18.01 | 17.89  | 18.40                               | 3                        |
|                   |            | 25      | 0         | 18.03                 | 18.01 | 17.97  | 18.40                               | 3                        |
| 5                 | 256-QAM    | 1       | 0         | 18.04                 | 18.04 | 17.86  | 18.40                               | 3                        |
|                   |            | 1       | 12        | 18.15                 | 18.05 | 17.98  | 18.40                               | 3                        |
|                   |            | 1       | 24        | 18.00                 | 18.05 | 17.82  | 18.40                               | 3                        |
|                   |            | 12      | 0         | 17.08                 | 17.10 | 16.81  | 17.40                               | 4                        |
|                   |            | 12      | 6         | 16.96                 | 16.97 | 16.95  | 17.40                               | 4                        |
|                   |            | 12      | 13        | 16.93                 | 17.04 | 16.78  | 17.40                               | 4                        |
|                   |            | 25      | 0         | 17.11                 | 17.12 | 16.88  | 17.40                               | 4                        |

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| LTE Band 48     |            |         |           |                       |       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------|-------------------------------------|--------------------------|
| V(MHz)          | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3560                  | 3609  | 3641  | 3690  |                                     |                          |
| Channel         |            |         |           | 55340                 | 55830 | 56150 | 56640 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 20.97                 | 20.70 | 20.84 | 20.93 | 22.00                               | 0                        |
|                 |            | 1       | 50        | 20.74                 | 20.67 | 20.72 | 20.90 | 22.00                               | 0                        |
|                 |            | 1       | 99        | 20.77                 | 20.81 | 20.62 | 20.83 | 22.00                               | 0                        |
|                 |            | 50      | 0         | 19.83                 | 19.66 | 19.88 | 19.84 | 21.00                               | 1                        |
|                 |            | 50      | 25        | 19.57                 | 19.59 | 19.84 | 19.82 | 21.00                               | 1                        |
|                 |            | 50      | 50        | 19.64                 | 19.55 | 19.71 | 19.91 | 21.00                               | 1                        |
|                 |            | 100     | 0         | 19.76                 | 19.53 | 19.73 | 19.99 | 21.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 19.69                 | 19.64 | 19.75 | 19.85 | 21.00                               | 1                        |
|                 |            | 1       | 50        | 19.78                 | 19.49 | 19.73 | 19.78 | 21.00                               | 1                        |
|                 |            | 1       | 99        | 19.74                 | 19.51 | 19.68 | 19.85 | 21.00                               | 1                        |
|                 |            | 50      | 0         | 18.67                 | 18.56 | 18.73 | 18.85 | 20.00                               | 2                        |
|                 |            | 50      | 25        | 18.77                 | 18.62 | 18.76 | 18.97 | 20.00                               | 2                        |
|                 |            | 50      | 50        | 18.71                 | 18.62 | 18.75 | 18.78 | 20.00                               | 2                        |
|                 |            | 100     | 0         | 18.84                 | 18.63 | 18.68 | 18.69 | 20.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 18.64                 | 18.68 | 18.78 | 18.74 | 20.00                               | 2                        |
|                 |            | 1       | 50        | 18.70                 | 18.65 | 18.75 | 18.92 | 20.00                               | 2                        |
|                 |            | 1       | 99        | 18.62                 | 18.63 | 18.75 | 18.71 | 20.00                               | 2                        |
|                 |            | 50      | 0         | 17.74                 | 17.41 | 17.64 | 17.75 | 19.00                               | 3                        |
|                 |            | 50      | 25        | 17.86                 | 17.72 | 17.70 | 17.86 | 19.00                               | 3                        |
|                 |            | 50      | 50        | 17.75                 | 17.48 | 17.62 | 17.63 | 19.00                               | 3                        |
|                 |            | 100     | 0         | 17.73                 | 17.67 | 17.75 | 17.89 | 19.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 17.78                 | 17.53 | 17.64 | 17.61 | 19.00                               | 3                        |
|                 |            | 1       | 50        | 17.66                 | 17.60 | 17.61 | 17.80 | 19.00                               | 3                        |
|                 |            | 1       | 99        | 17.55                 | 17.58 | 17.71 | 17.87 | 19.00                               | 3                        |
|                 |            | 50      | 0         | 16.90                 | 16.66 | 16.75 | 16.85 | 18.00                               | 4                        |
|                 |            | 50      | 25        | 16.76                 | 16.57 | 16.73 | 16.88 | 18.00                               | 4                        |
|                 |            | 50      | 50        | 16.86                 | 16.46 | 16.68 | 16.85 | 18.00                               | 4                        |
|                 |            | 100     | 0         | 16.60                 | 16.57 | 16.69 | 16.97 | 18.00                               | 4                        |

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| LTE Band 48     |            |         |           |                       |       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|--------|-------------------------------------|--------------------------|
| V(MHz)          | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3557.5                | 3608  | 3642  | 3692.5 |                                     |                          |
| Channel         |            |         |           | 55315                 | 55820 | 56160 | 56665  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 20.97                 | 20.61 | 20.69 | 20.77  | 22.00                               | 0                        |
|                 |            | 1       | 36        | 20.67                 | 20.49 | 20.69 | 20.85  | 22.00                               | 0                        |
|                 |            | 1       | 74        | 20.68                 | 20.81 | 20.48 | 20.67  | 22.00                               | 0                        |
|                 |            | 36      | 0         | 19.79                 | 19.53 | 19.88 | 19.72  | 21.00                               | 1                        |
|                 |            | 36      | 18        | 19.57                 | 19.48 | 19.83 | 19.66  | 21.00                               | 1                        |
|                 |            | 36      | 37        | 19.46                 | 19.44 | 19.68 | 19.82  | 21.00                               | 1                        |
|                 |            | 75      | 0         | 19.70                 | 19.47 | 19.68 | 19.94  | 21.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 19.55                 | 19.57 | 19.60 | 19.78  | 21.00                               | 1                        |
|                 |            | 1       | 36        | 19.62                 | 19.31 | 19.70 | 19.77  | 21.00                               | 1                        |
|                 |            | 1       | 74        | 19.73                 | 19.44 | 19.60 | 19.74  | 21.00                               | 1                        |
|                 |            | 36      | 0         | 18.61                 | 18.51 | 18.56 | 18.73  | 20.00                               | 2                        |
|                 |            | 36      | 18        | 18.60                 | 18.59 | 18.61 | 18.80  | 20.00                               | 2                        |
|                 |            | 36      | 37        | 18.66                 | 18.54 | 18.60 | 18.69  | 20.00                               | 2                        |
|                 |            | 75      | 0         | 18.71                 | 18.58 | 18.51 | 18.51  | 20.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 18.49                 | 18.61 | 18.72 | 18.58  | 20.00                               | 2                        |
|                 |            | 1       | 36        | 18.62                 | 18.65 | 18.68 | 18.92  | 20.00                               | 2                        |
|                 |            | 1       | 74        | 18.56                 | 18.48 | 18.67 | 18.56  | 20.00                               | 2                        |
|                 |            | 36      | 0         | 17.64                 | 17.32 | 17.63 | 17.61  | 19.00                               | 3                        |
|                 |            | 36      | 18        | 17.82                 | 17.66 | 17.61 | 17.86  | 19.00                               | 3                        |
|                 |            | 36      | 37        | 17.62                 | 17.35 | 17.46 | 17.55  | 19.00                               | 3                        |
|                 |            | 75      | 0         | 17.56                 | 17.50 | 17.72 | 17.76  | 19.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 17.74                 | 17.53 | 17.58 | 17.59  | 19.00                               | 3                        |
|                 |            | 1       | 36        | 17.53                 | 17.44 | 17.50 | 17.74  | 19.00                               | 3                        |
|                 |            | 1       | 74        | 17.48                 | 17.41 | 17.68 | 17.85  | 19.00                               | 3                        |
|                 |            | 36      | 0         | 16.77                 | 16.59 | 16.74 | 16.77  | 18.00                               | 4                        |
|                 |            | 36      | 18        | 16.72                 | 16.51 | 16.67 | 16.70  | 18.00                               | 4                        |
|                 |            | 36      | 37        | 16.82                 | 16.35 | 16.56 | 16.77  | 18.00                               | 4                        |
|                 |            | 75      | 0         | 16.48                 | 16.56 | 16.62 | 16.79  | 18.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------|-------------------------------------|--------------------------|
| V(MHz)          | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3555                  | 3607.5 | 3642.5 | 3695  |                                     |                          |
| Channel         |            |         |           | 55290                 | 55815  | 56165  | 56690 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 20.92                 | 20.64  | 20.72  | 20.89 | 22.00                               | 0                        |
|                 |            | 1       | 25        | 20.69                 | 20.53  | 20.68  | 20.73 | 22.00                               | 0                        |
|                 |            | 1       | 49        | 20.70                 | 20.76  | 20.55  | 20.81 | 22.00                               | 0                        |
|                 |            | 25      | 0         | 19.64                 | 19.47  | 19.78  | 19.82 | 21.00                               | 1                        |
|                 |            | 25      | 12        | 19.40                 | 19.51  | 19.74  | 19.73 | 21.00                               | 1                        |
|                 |            | 25      | 25        | 19.47                 | 19.49  | 19.61  | 19.83 | 21.00                               | 1                        |
|                 |            | 50      | 0         | 19.57                 | 19.38  | 19.70  | 19.90 | 21.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 19.56                 | 19.60  | 19.68  | 19.81 | 21.00                               | 1                        |
|                 |            | 1       | 25        | 19.75                 | 19.43  | 19.68  | 19.68 | 21.00                               | 1                        |
|                 |            | 1       | 49        | 19.62                 | 19.44  | 19.53  | 19.79 | 21.00                               | 1                        |
|                 |            | 25      | 0         | 18.64                 | 18.52  | 18.68  | 18.78 | 20.00                               | 2                        |
|                 |            | 25      | 12        | 18.59                 | 18.51  | 18.57  | 18.82 | 20.00                               | 2                        |
|                 |            | 25      | 25        | 18.62                 | 18.47  | 18.74  | 18.64 | 20.00                               | 2                        |
|                 |            | 50      | 0         | 18.84                 | 18.56  | 18.63  | 18.60 | 20.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 18.59                 | 18.66  | 18.63  | 18.59 | 20.00                               | 2                        |
|                 |            | 1       | 25        | 18.59                 | 18.54  | 18.63  | 18.84 | 20.00                               | 2                        |
|                 |            | 1       | 49        | 18.54                 | 18.49  | 18.58  | 18.67 | 20.00                               | 2                        |
|                 |            | 25      | 0         | 17.57                 | 17.22  | 17.45  | 17.68 | 19.00                               | 3                        |
|                 |            | 25      | 12        | 17.77                 | 17.65  | 17.65  | 17.69 | 19.00                               | 3                        |
|                 |            | 25      | 25        | 17.75                 | 17.46  | 17.50  | 17.46 | 19.00                               | 3                        |
|                 |            | 50      | 0         | 17.68                 | 17.53  | 17.71  | 17.88 | 19.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 17.61                 | 17.52  | 17.64  | 17.48 | 19.00                               | 3                        |
|                 |            | 1       | 25        | 17.52                 | 17.58  | 17.54  | 17.73 | 19.00                               | 3                        |
|                 |            | 1       | 49        | 17.47                 | 17.52  | 17.68  | 17.79 | 19.00                               | 3                        |
|                 |            | 25      | 0         | 16.86                 | 16.64  | 16.64  | 16.69 | 18.00                               | 4                        |
|                 |            | 25      | 12        | 16.76                 | 16.51  | 16.70  | 16.80 | 18.00                               | 4                        |
|                 |            | 25      | 25        | 16.78                 | 16.35  | 16.59  | 16.70 | 18.00                               | 4                        |
|                 |            | 50      | 0         | 16.45                 | 16.45  | 16.61  | 16.89 | 18.00                               | 4                        |

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| LTE Band 48     |            |         |           |                       |       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|--------|-------------------------------------|--------------------------|
| V(MHz)          | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3552.5                | 3607  | 3643  | 3697.5 |                                     |                          |
| Channel         |            |         |           | 55265                 | 55810 | 56170 | 56715  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 20.91                 | 20.60 | 20.77 | 20.93  | 22.00                               | 0                        |
|                 |            | 1       | 12        | 20.73                 | 20.59 | 20.63 | 20.85  | 22.00                               | 0                        |
|                 |            | 1       | 24        | 20.63                 | 20.66 | 20.48 | 20.72  | 22.00                               | 0                        |
|                 |            | 12      | 0         | 19.79                 | 19.54 | 19.75 | 19.82  | 21.00                               | 1                        |
|                 |            | 12      | 6         | 19.47                 | 19.40 | 19.73 | 19.66  | 21.00                               | 1                        |
|                 |            | 12      | 13        | 19.58                 | 19.36 | 19.62 | 19.75  | 21.00                               | 1                        |
|                 |            | 25      | 0         | 19.59                 | 19.50 | 19.68 | 19.96  | 21.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 19.60                 | 19.51 | 19.60 | 19.78  | 21.00                               | 1                        |
|                 |            | 1       | 12        | 19.62                 | 19.32 | 19.68 | 19.65  | 21.00                               | 1                        |
|                 |            | 1       | 24        | 19.60                 | 19.48 | 19.68 | 19.67  | 21.00                               | 1                        |
|                 |            | 12      | 0         | 18.51                 | 18.50 | 18.58 | 18.66  | 20.00                               | 2                        |
|                 |            | 12      | 6         | 18.67                 | 18.46 | 18.63 | 18.78  | 20.00                               | 2                        |
|                 |            | 12      | 13        | 18.69                 | 18.54 | 18.69 | 18.63  | 20.00                               | 2                        |
|                 |            | 25      | 0         | 18.71                 | 18.46 | 18.58 | 18.52  | 20.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 18.53                 | 18.57 | 18.59 | 18.64  | 20.00                               | 2                        |
|                 |            | 1       | 12        | 18.52                 | 18.57 | 18.67 | 18.83  | 20.00                               | 2                        |
|                 |            | 1       | 24        | 18.57                 | 18.51 | 18.62 | 18.60  | 20.00                               | 2                        |
|                 |            | 12      | 0         | 17.61                 | 17.40 | 17.59 | 17.62  | 19.00                               | 3                        |
|                 |            | 12      | 6         | 17.70                 | 17.68 | 17.68 | 17.73  | 19.00                               | 3                        |
|                 |            | 12      | 13        | 17.64                 | 17.34 | 17.43 | 17.56  | 19.00                               | 3                        |
|                 |            | 25      | 0         | 17.67                 | 17.54 | 17.58 | 17.79  | 19.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 17.75                 | 17.51 | 17.56 | 17.60  | 19.00                               | 3                        |
|                 |            | 1       | 12        | 17.54                 | 17.42 | 17.51 | 17.78  | 19.00                               | 3                        |
|                 |            | 1       | 24        | 17.53                 | 17.53 | 17.57 | 17.77  | 19.00                               | 3                        |
|                 |            | 12      | 0         | 16.83                 | 16.55 | 16.66 | 16.72  | 18.00                               | 4                        |
|                 |            | 12      | 6         | 16.66                 | 16.54 | 16.68 | 16.75  | 18.00                               | 4                        |
|                 |            | 12      | 13        | 16.82                 | 16.39 | 16.61 | 16.84  | 18.00                               | 4                        |
|                 |            | 25      | 0         | 16.50                 | 16.52 | 16.64 | 16.81  | 18.00                               | 4                        |

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## Ant8

| LTE Band 38     |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2580                  | 2595  | 2610  |                                     |                          |
| Channel         |            |         |           | 37850                 | 38000 | 38150 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 22.74                 | 22.63 | 22.68 | 24.00                               | 0                        |
|                 |            | 1       | 50        | 22.57                 | 22.51 | 22.52 | 24.00                               | 0                        |
|                 |            | 1       | 99        | 22.56                 | 22.59 | 22.48 | 24.00                               | 0                        |
|                 |            | 50      | 0         | 21.51                 | 21.42 | 21.57 | 23.00                               | 1                        |
|                 |            | 50      | 25        | 21.71                 | 21.52 | 21.50 | 23.00                               | 1                        |
|                 |            | 50      | 50        | 21.64                 | 21.48 | 21.60 | 23.00                               | 1                        |
|                 |            | 100     | 0         | 21.65                 | 21.42 | 21.46 | 23.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 21.56                 | 21.50 | 21.58 | 23.00                               | 1                        |
|                 |            | 1       | 50        | 21.59                 | 21.49 | 21.55 | 23.00                               | 1                        |
|                 |            | 1       | 99        | 21.53                 | 21.45 | 21.60 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 20.52                 | 20.48 | 20.44 | 22.00                               | 2                        |
|                 |            | 50      | 25        | 20.57                 | 20.47 | 20.50 | 22.00                               | 2                        |
|                 |            | 50      | 50        | 20.51                 | 20.43 | 20.51 | 22.00                               | 2                        |
|                 |            | 100     | 0         | 20.59                 | 20.56 | 20.62 | 22.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 20.62                 | 20.43 | 20.45 | 22.00                               | 2                        |
|                 |            | 1       | 50        | 20.64                 | 20.48 | 20.55 | 22.00                               | 2                        |
|                 |            | 1       | 99        | 20.69                 | 20.40 | 20.57 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 19.60                 | 19.44 | 19.54 | 21.00                               | 3                        |
|                 |            | 50      | 25        | 19.61                 | 19.46 | 19.52 | 21.00                               | 3                        |
|                 |            | 50      | 50        | 19.49                 | 19.52 | 19.50 | 21.00                               | 3                        |
|                 |            | 100     | 0         | 19.60                 | 19.46 | 19.55 | 21.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 19.62                 | 19.47 | 19.65 | 21.00                               | 3                        |
|                 |            | 1       | 50        | 19.50                 | 19.40 | 19.47 | 21.00                               | 3                        |
|                 |            | 1       | 99        | 19.62                 | 19.46 | 19.55 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 18.62                 | 18.49 | 18.53 | 20.00                               | 4                        |
|                 |            | 50      | 25        | 18.65                 | 18.52 | 18.55 | 20.00                               | 4                        |
|                 |            | 50      | 50        | 18.48                 | 18.49 | 18.62 | 20.00                               | 4                        |
|                 |            | 100     | 0         | 18.49                 | 18.52 | 18.52 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595  | 2612.5 |                                     |                          |
| Channel         |            |         |           | 37825                 | 38000 | 38175  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 22.65                 | 22.51 | 22.50  | 24.00                               | 0                        |
|                 |            | 1       | 36        | 22.61                 | 22.49 | 22.53  | 24.00                               | 0                        |
|                 |            | 1       | 74        | 22.52                 | 22.56 | 22.53  | 24.00                               | 0                        |
|                 |            | 36      | 0         | 21.59                 | 21.47 | 21.46  | 23.00                               | 1                        |
|                 |            | 36      | 18        | 21.55                 | 21.50 | 21.58  | 23.00                               | 1                        |
|                 |            | 36      | 37        | 21.53                 | 21.53 | 21.47  | 23.00                               | 1                        |
|                 |            | 75      | 0         | 21.50                 | 21.54 | 21.52  | 23.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 21.60                 | 21.48 | 21.56  | 23.00                               | 1                        |
|                 |            | 1       | 36        | 21.58                 | 21.50 | 21.54  | 23.00                               | 1                        |
|                 |            | 1       | 74        | 21.66                 | 21.46 | 21.55  | 23.00                               | 1                        |
|                 |            | 36      | 0         | 20.65                 | 20.43 | 20.52  | 22.00                               | 2                        |
|                 |            | 36      | 18        | 20.57                 | 20.45 | 20.61  | 22.00                               | 2                        |
|                 |            | 36      | 37        | 20.49                 | 20.42 | 20.49  | 22.00                               | 2                        |
|                 |            | 75      | 0         | 20.55                 | 20.44 | 20.48  | 22.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 20.62                 | 20.48 | 20.63  | 22.00                               | 2                        |
|                 |            | 1       | 36        | 20.57                 | 20.34 | 20.56  | 22.00                               | 2                        |
|                 |            | 1       | 74        | 20.59                 | 20.56 | 20.50  | 22.00                               | 2                        |
|                 |            | 36      | 0         | 19.60                 | 19.51 | 19.54  | 21.00                               | 3                        |
|                 |            | 36      | 18        | 19.53                 | 19.49 | 19.47  | 21.00                               | 3                        |
|                 |            | 36      | 37        | 19.62                 | 19.51 | 19.43  | 21.00                               | 3                        |
|                 |            | 75      | 0         | 19.55                 | 19.47 | 19.55  | 21.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 19.66                 | 19.56 | 19.57  | 21.00                               | 3                        |
|                 |            | 1       | 36        | 19.56                 | 19.53 | 19.61  | 21.00                               | 3                        |
|                 |            | 1       | 74        | 19.58                 | 19.45 | 19.53  | 21.00                               | 3                        |
|                 |            | 36      | 0         | 18.57                 | 18.43 | 18.49  | 20.00                               | 4                        |
|                 |            | 36      | 18        | 18.47                 | 18.46 | 18.51  | 20.00                               | 4                        |
|                 |            | 36      | 37        | 18.61                 | 18.53 | 18.57  | 20.00                               | 4                        |
|                 |            | 75      | 0         | 18.61                 | 18.38 | 18.46  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2575                  | 2595  | 2615  |                                     |                          |
| Channel         |            |         |           | 37800                 | 38000 | 38200 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 22.58                 | 22.54 | 22.44 | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.60                 | 22.46 | 22.52 | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.67                 | 22.45 | 22.57 | 24.00                               | 0                        |
|                 |            | 25      | 0         | 21.54                 | 21.42 | 21.64 | 23.00                               | 1                        |
|                 |            | 25      | 12        | 21.55                 | 21.37 | 21.43 | 23.00                               | 1                        |
|                 |            | 25      | 25        | 21.54                 | 21.43 | 21.61 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.71                 | 21.48 | 21.61 | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.54                 | 21.37 | 21.48 | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.66                 | 21.51 | 21.42 | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.51                 | 21.61 | 21.44 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 20.64                 | 20.43 | 20.60 | 22.00                               | 2                        |
|                 |            | 25      | 12        | 20.55                 | 20.54 | 20.53 | 22.00                               | 2                        |
|                 |            | 25      | 25        | 20.61                 | 20.55 | 20.54 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.58                 | 20.36 | 20.62 | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.52                 | 20.49 | 20.53 | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.50                 | 20.52 | 20.42 | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.63                 | 20.40 | 20.61 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 19.59                 | 19.40 | 19.39 | 21.00                               | 3                        |
|                 |            | 25      | 12        | 19.51                 | 19.34 | 19.55 | 21.00                               | 3                        |
|                 |            | 25      | 25        | 19.64                 | 19.38 | 19.55 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.54                 | 19.40 | 19.50 | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.49                 | 19.48 | 19.54 | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.49                 | 19.44 | 19.56 | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.66                 | 19.46 | 19.41 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 18.60                 | 18.37 | 18.54 | 20.00                               | 4                        |
|                 |            | 25      | 12        | 18.67                 | 18.35 | 18.62 | 20.00                               | 4                        |
|                 |            | 25      | 25        | 18.50                 | 18.48 | 18.46 | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.60                 | 18.42 | 18.48 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2572.5                | 2595  | 2617.5 |                                     |                          |
| Channel         |            |         |           | 37775                 | 38000 | 38225  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.56                 | 22.48 | 22.62  | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.59                 | 22.35 | 22.50  | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.55                 | 22.45 | 22.58  | 24.00                               | 0                        |
|                 |            | 12      | 0         | 21.72                 | 21.52 | 21.64  | 23.00                               | 1                        |
|                 |            | 12      | 6         | 21.56                 | 21.35 | 21.50  | 23.00                               | 1                        |
|                 |            | 12      | 13        | 21.64                 | 21.61 | 21.53  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.58                 | 21.55 | 21.47  | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.51                 | 21.42 | 21.56  | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.52                 | 21.42 | 21.65  | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.58                 | 21.48 | 21.42  | 23.00                               | 1                        |
|                 |            | 12      | 0         | 20.57                 | 20.57 | 20.53  | 22.00                               | 2                        |
|                 |            | 12      | 6         | 20.47                 | 20.49 | 20.56  | 22.00                               | 2                        |
|                 |            | 12      | 13        | 20.65                 | 20.50 | 20.54  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.53                 | 20.44 | 20.47  | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.54                 | 20.38 | 20.60  | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.62                 | 20.38 | 20.53  | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.45                 | 20.44 | 20.63  | 22.00                               | 2                        |
|                 |            | 12      | 0         | 19.62                 | 19.46 | 19.48  | 21.00                               | 3                        |
|                 |            | 12      | 6         | 19.57                 | 19.52 | 19.48  | 21.00                               | 3                        |
|                 |            | 12      | 13        | 19.53                 | 19.52 | 19.47  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.59                 | 19.48 | 19.49  | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.63                 | 19.49 | 19.59  | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.52                 | 19.49 | 19.66  | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.59                 | 19.40 | 19.45  | 21.00                               | 3                        |
|                 |            | 12      | 0         | 18.70                 | 18.52 | 18.52  | 20.00                               | 4                        |
|                 |            | 12      | 6         | 18.63                 | 18.44 | 18.54  | 20.00                               | 4                        |
|                 |            | 12      | 13        | 18.59                 | 18.43 | 18.45  | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.62                 | 18.47 | 18.52  | 20.00                               | 4                        |

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| LTE Band 41_PC3 |            |         |           |                       |        |       |        |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|-------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2506                  | 2549.5 | 2593  | 2636.5 | 2680  |                                     |                          |
| Channel         |            |         |           | 39750                 | 40185  | 40620 | 41055  | 41490 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 22.76                 | 22.84  | 22.77 | 22.82  | 22.77 | 24.00                               | 0                        |
|                 |            | 1       | 50        | 22.48                 | 22.75  | 22.56 | 22.75  | 22.56 | 24.00                               | 0                        |
|                 |            | 1       | 99        | 22.62                 | 22.64  | 22.68 | 22.64  | 22.68 | 24.00                               | 0                        |
|                 |            | 50      | 0         | 21.54                 | 21.73  | 21.58 | 21.73  | 21.58 | 23.00                               | 1                        |
|                 |            | 50      | 25        | 21.66                 | 21.65  | 21.56 | 21.65  | 21.56 | 23.00                               | 1                        |
|                 |            | 50      | 50        | 21.59                 | 21.68  | 21.49 | 21.68  | 21.49 | 23.00                               | 1                        |
|                 |            | 100     | 0         | 21.65                 | 21.69  | 21.60 | 21.69  | 21.60 | 23.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 21.67                 | 21.69  | 21.62 | 21.69  | 21.62 | 23.00                               | 1                        |
|                 |            | 1       | 50        | 21.59                 | 21.69  | 21.61 | 21.69  | 21.61 | 23.00                               | 1                        |
|                 |            | 1       | 99        | 21.56                 | 21.73  | 21.68 | 21.73  | 21.68 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 20.59                 | 20.80  | 20.59 | 20.80  | 20.59 | 22.00                               | 2                        |
|                 |            | 50      | 25        | 20.59                 | 20.65  | 20.67 | 20.65  | 20.67 | 22.00                               | 2                        |
|                 |            | 50      | 50        | 20.69                 | 20.70  | 20.63 | 20.70  | 20.63 | 22.00                               | 2                        |
|                 |            | 100     | 0         | 20.60                 | 20.73  | 20.52 | 20.73  | 20.52 | 22.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 20.62                 | 20.68  | 20.65 | 20.68  | 20.65 | 22.00                               | 2                        |
|                 |            | 1       | 50        | 20.54                 | 20.79  | 20.69 | 20.79  | 20.69 | 22.00                               | 2                        |
|                 |            | 1       | 99        | 20.70                 | 20.79  | 20.54 | 20.79  | 20.54 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 19.57                 | 19.69  | 19.58 | 19.69  | 19.58 | 21.00                               | 3                        |
|                 |            | 50      | 25        | 19.48                 | 19.68  | 19.56 | 19.68  | 19.56 | 21.00                               | 3                        |
|                 |            | 50      | 50        | 19.60                 | 19.59  | 19.64 | 19.59  | 19.64 | 21.00                               | 3                        |
|                 |            | 100     | 0         | 19.64                 | 19.69  | 19.54 | 19.69  | 19.54 | 21.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 19.49                 | 19.66  | 19.62 | 19.66  | 19.62 | 21.00                               | 3                        |
|                 |            | 1       | 50        | 19.61                 | 19.78  | 19.69 | 19.78  | 19.69 | 21.00                               | 3                        |
|                 |            | 1       | 99        | 19.55                 | 19.67  | 19.69 | 19.67  | 19.69 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 18.65                 | 18.61  | 18.61 | 18.61  | 18.61 | 20.00                               | 4                        |
|                 |            | 50      | 25        | 18.63                 | 18.59  | 18.49 | 18.59  | 18.49 | 20.00                               | 4                        |
|                 |            | 50      | 50        | 18.51                 | 18.69  | 18.68 | 18.69  | 18.68 | 20.00                               | 4                        |
|                 |            | 100     | 0         | 18.69                 | 18.74  | 18.70 | 18.74  | 18.70 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|-------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2503.5                | 2548.3 | 2593  | 2637.8 | 2682.5 |                                     |                          |
| Channel         |            |         |           | 39725                 | 40173  | 40620 | 41068  | 41515  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 22.48                 | 22.65  | 22.55 | 22.65  | 22.55  | 24.00                               | 0                        |
|                 |            | 1       | 36        | 22.69                 | 22.60  | 22.63 | 22.60  | 22.63  | 24.00                               | 0                        |
|                 |            | 1       | 74        | 22.70                 | 22.69  | 22.54 | 22.69  | 22.54  | 24.00                               | 0                        |
|                 |            | 36      | 0         | 21.48                 | 21.57  | 21.61 | 21.57  | 21.61  | 23.00                               | 1                        |
|                 |            | 36      | 18        | 21.65                 | 21.70  | 21.56 | 21.70  | 21.56  | 23.00                               | 1                        |
|                 |            | 36      | 37        | 21.68                 | 21.79  | 21.72 | 21.79  | 21.72  | 23.00                               | 1                        |
|                 |            | 75      | 0         | 21.63                 | 21.66  | 21.54 | 21.66  | 21.54  | 23.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 21.52                 | 21.63  | 21.58 | 21.63  | 21.58  | 23.00                               | 1                        |
|                 |            | 1       | 36        | 21.53                 | 21.59  | 21.52 | 21.59  | 21.52  | 23.00                               | 1                        |
|                 |            | 1       | 74        | 21.68                 | 21.81  | 21.58 | 21.81  | 21.58  | 23.00                               | 1                        |
|                 |            | 36      | 0         | 20.70                 | 20.59  | 20.60 | 20.59  | 20.60  | 22.00                               | 2                        |
|                 |            | 36      | 18        | 20.52                 | 20.66  | 20.65 | 20.66  | 20.65  | 22.00                               | 2                        |
|                 |            | 36      | 37        | 20.66                 | 20.69  | 20.61 | 20.69  | 20.61  | 22.00                               | 2                        |
|                 |            | 75      | 0         | 20.67                 | 20.72  | 20.58 | 20.72  | 20.58  | 22.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 20.58                 | 20.75  | 20.64 | 20.75  | 20.64  | 22.00                               | 2                        |
|                 |            | 1       | 36        | 20.56                 | 20.57  | 20.57 | 20.57  | 20.57  | 22.00                               | 2                        |
|                 |            | 1       | 74        | 20.55                 | 20.72  | 20.62 | 20.72  | 20.62  | 22.00                               | 2                        |
|                 |            | 36      | 0         | 19.64                 | 19.67  | 19.66 | 19.67  | 19.66  | 21.00                               | 3                        |
|                 |            | 36      | 18        | 19.52                 | 19.67  | 19.54 | 19.67  | 19.54  | 21.00                               | 3                        |
|                 |            | 36      | 37        | 19.56                 | 19.64  | 19.62 | 19.64  | 19.62  | 21.00                               | 3                        |
|                 |            | 75      | 0         | 19.70                 | 19.61  | 19.59 | 19.61  | 19.59  | 21.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 19.51                 | 19.64  | 19.58 | 19.64  | 19.58  | 21.00                               | 3                        |
|                 |            | 1       | 36        | 19.66                 | 19.70  | 19.57 | 19.70  | 19.57  | 21.00                               | 3                        |
|                 |            | 1       | 74        | 19.51                 | 19.62  | 19.58 | 19.62  | 19.58  | 21.00                               | 3                        |
|                 |            | 36      | 0         | 18.63                 | 18.81  | 18.47 | 18.81  | 18.47  | 20.00                               | 4                        |
|                 |            | 36      | 18        | 18.62                 | 18.66  | 18.59 | 18.66  | 18.59  | 20.00                               | 4                        |
|                 |            | 36      | 37        | 18.48                 | 18.58  | 18.69 | 18.58  | 18.69  | 20.00                               | 4                        |
|                 |            | 75      | 0         | 18.66                 | 18.73  | 18.66 | 18.73  | 18.66  | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2501                  | 2547  | 2593  | 2639  | 2685  |                                     |                          |
| Channel         |            |         |           | 39700                 | 40160 | 40620 | 41080 | 41540 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 22.61                 | 22.63 | 22.66 | 22.63 | 22.66 | 24.00                               | 0                        |
|                 |            | 1       | 25        | 22.67                 | 22.71 | 22.72 | 22.71 | 22.72 | 24.00                               | 0                        |
|                 |            | 1       | 49        | 22.61                 | 22.79 | 22.68 | 22.79 | 22.68 | 24.00                               | 0                        |
|                 |            | 25      | 0         | 21.61                 | 21.66 | 21.68 | 21.66 | 21.68 | 23.00                               | 1                        |
|                 |            | 25      | 12        | 21.59                 | 21.69 | 21.50 | 21.69 | 21.50 | 23.00                               | 1                        |
|                 |            | 25      | 25        | 21.60                 | 21.57 | 21.57 | 21.57 | 21.57 | 23.00                               | 1                        |
|                 |            | 50      | 0         | 21.65                 | 21.65 | 21.68 | 21.65 | 21.68 | 23.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 21.61                 | 21.64 | 21.58 | 21.64 | 21.58 | 23.00                               | 1                        |
|                 |            | 1       | 25        | 21.49                 | 21.70 | 21.61 | 21.70 | 21.61 | 23.00                               | 1                        |
|                 |            | 1       | 49        | 21.62                 | 21.68 | 21.58 | 21.68 | 21.58 | 23.00                               | 1                        |
|                 |            | 25      | 0         | 20.49                 | 20.67 | 20.67 | 20.67 | 20.67 | 22.00                               | 2                        |
|                 |            | 25      | 12        | 20.66                 | 20.80 | 20.59 | 20.80 | 20.59 | 22.00                               | 2                        |
|                 |            | 25      | 25        | 20.58                 | 20.65 | 20.60 | 20.65 | 20.60 | 22.00                               | 2                        |
|                 |            | 50      | 0         | 20.50                 | 20.74 | 20.66 | 20.74 | 20.66 | 22.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 20.48                 | 20.70 | 20.57 | 20.70 | 20.57 | 22.00                               | 2                        |
|                 |            | 1       | 25        | 20.60                 | 20.58 | 20.65 | 20.58 | 20.65 | 22.00                               | 2                        |
|                 |            | 1       | 49        | 20.62                 | 20.56 | 20.50 | 20.56 | 20.50 | 22.00                               | 2                        |
|                 |            | 25      | 0         | 19.61                 | 19.68 | 19.62 | 19.68 | 19.62 | 21.00                               | 3                        |
|                 |            | 25      | 12        | 19.53                 | 19.70 | 19.51 | 19.70 | 19.51 | 21.00                               | 3                        |
|                 |            | 25      | 25        | 19.48                 | 19.71 | 19.52 | 19.71 | 19.52 | 21.00                               | 3                        |
|                 |            | 50      | 0         | 19.60                 | 19.79 | 19.60 | 19.79 | 19.60 | 21.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 19.60                 | 19.65 | 19.61 | 19.65 | 19.61 | 21.00                               | 3                        |
|                 |            | 1       | 25        | 19.55                 | 19.67 | 19.55 | 19.67 | 19.55 | 21.00                               | 3                        |
|                 |            | 1       | 49        | 19.58                 | 19.66 | 19.53 | 19.66 | 19.53 | 21.00                               | 3                        |
|                 |            | 25      | 0         | 18.63                 | 18.62 | 18.57 | 18.62 | 18.57 | 20.00                               | 4                        |
|                 |            | 25      | 12        | 18.69                 | 18.74 | 18.64 | 18.74 | 18.64 | 20.00                               | 4                        |
|                 |            | 25      | 25        | 18.71                 | 18.64 | 18.54 | 18.64 | 18.54 | 20.00                               | 4                        |
|                 |            | 50      | 0         | 18.58                 | 18.75 | 18.75 | 18.75 | 18.75 | 20.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|-------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2498.5                | 2545.8 | 2593  | 2640.3 | 2687.5 |                                     |                          |
| Channel         |            |         |           | 39675                 | 40148  | 40620 | 41093  | 41565  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 22.62                 | 22.64  | 22.60 | 22.64  | 22.60  | 24.00                               | 0                        |
|                 |            | 1       | 12        | 22.72                 | 22.75  | 22.72 | 22.75  | 22.72  | 24.00                               | 0                        |
|                 |            | 1       | 24        | 22.55                 | 22.65  | 22.60 | 22.65  | 22.60  | 24.00                               | 0                        |
|                 |            | 12      | 0         | 21.59                 | 21.68  | 21.60 | 21.68  | 21.60  | 23.00                               | 1                        |
|                 |            | 12      | 6         | 21.58                 | 21.64  | 21.59 | 21.64  | 21.59  | 23.00                               | 1                        |
|                 |            | 12      | 13        | 21.62                 | 21.76  | 21.60 | 21.76  | 21.60  | 23.00                               | 1                        |
|                 |            | 25      | 0         | 21.64                 | 21.77  | 21.57 | 21.77  | 21.57  | 23.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 21.56                 | 21.64  | 21.60 | 21.64  | 21.60  | 23.00                               | 1                        |
|                 |            | 1       | 12        | 21.52                 | 21.79  | 21.68 | 21.79  | 21.68  | 23.00                               | 1                        |
|                 |            | 1       | 24        | 21.63                 | 21.67  | 21.56 | 21.67  | 21.56  | 23.00                               | 1                        |
|                 |            | 12      | 0         | 20.60                 | 20.67  | 20.67 | 20.67  | 20.67  | 22.00                               | 2                        |
|                 |            | 12      | 6         | 20.59                 | 20.69  | 20.63 | 20.69  | 20.63  | 22.00                               | 2                        |
|                 |            | 12      | 13        | 20.60                 | 20.69  | 20.53 | 20.69  | 20.53  | 22.00                               | 2                        |
|                 |            | 25      | 0         | 20.52                 | 20.71  | 20.63 | 20.71  | 20.63  | 22.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 20.65                 | 20.64  | 20.65 | 20.64  | 20.65  | 22.00                               | 2                        |
|                 |            | 1       | 12        | 20.57                 | 20.72  | 20.69 | 20.72  | 20.69  | 22.00                               | 2                        |
|                 |            | 1       | 24        | 20.61                 | 20.71  | 20.69 | 20.71  | 20.69  | 22.00                               | 2                        |
|                 |            | 12      | 0         | 19.68                 | 19.75  | 19.70 | 19.75  | 19.70  | 21.00                               | 3                        |
|                 |            | 12      | 6         | 19.59                 | 19.81  | 19.48 | 19.81  | 19.48  | 21.00                               | 3                        |
|                 |            | 12      | 13        | 19.67                 | 19.61  | 19.68 | 19.61  | 19.68  | 21.00                               | 3                        |
|                 |            | 25      | 0         | 19.63                 | 19.69  | 19.53 | 19.69  | 19.53  | 21.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 19.64                 | 19.71  | 19.52 | 19.71  | 19.52  | 21.00                               | 3                        |
|                 |            | 1       | 12        | 19.64                 | 19.61  | 19.53 | 19.61  | 19.53  | 21.00                               | 3                        |
|                 |            | 1       | 24        | 19.48                 | 19.66  | 19.64 | 19.66  | 19.64  | 21.00                               | 3                        |
|                 |            | 12      | 0         | 18.70                 | 18.72  | 18.62 | 18.72  | 18.62  | 20.00                               | 4                        |
|                 |            | 12      | 6         | 18.59                 | 18.58  | 18.64 | 18.58  | 18.64  | 20.00                               | 4                        |
|                 |            | 12      | 13        | 18.64                 | 18.64  | 18.68 | 18.64  | 18.68  | 20.00                               | 4                        |
|                 |            | 25      | 0         | 18.58                 | 18.56  | 18.66 | 18.56  | 18.66  | 20.00                               | 4                        |

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| LTE Band 42_Part1 |            |         |           |                       |       |       |                                     |                          |
|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3460                  | 3500  | 3540  |                                     |                          |
| Channel           |            |         |           | 42190                 | 42590 | 42990 |                                     |                          |
| 20                | QPSK       | 1       | 0         | 21.09                 | 21.40 | 21.36 | 21.40                               | 0                        |
|                   |            | 1       | 50        | 21.04                 | 21.21 | 21.32 | 21.40                               | 0                        |
|                   |            | 1       | 99        | 20.97                 | 21.18 | 21.28 | 21.40                               | 0                        |
|                   |            | 50      | 0         | 19.91                 | 20.20 | 20.30 | 20.40                               | 1                        |
|                   |            | 50      | 25        | 20.02                 | 20.26 | 20.16 | 20.40                               | 1                        |
|                   |            | 50      | 50        | 19.87                 | 20.30 | 20.26 | 20.40                               | 1                        |
|                   |            | 100     | 0         | 19.86                 | 20.36 | 20.38 | 20.40                               | 1                        |
| 20                | 16-QAM     | 1       | 0         | 19.95                 | 20.20 | 20.33 | 20.40                               | 1                        |
|                   |            | 1       | 50        | 19.92                 | 20.32 | 20.23 | 20.40                               | 1                        |
|                   |            | 1       | 99        | 19.84                 | 20.20 | 20.31 | 20.40                               | 1                        |
|                   |            | 50      | 0         | 18.85                 | 19.23 | 19.32 | 19.40                               | 2                        |
|                   |            | 50      | 25        | 18.96                 | 19.28 | 19.19 | 19.40                               | 2                        |
|                   |            | 50      | 50        | 18.93                 | 19.10 | 19.38 | 19.40                               | 2                        |
|                   |            | 100     | 0         | 18.97                 | 19.22 | 19.32 | 19.40                               | 2                        |
| 20                | 64-QAM     | 1       | 0         | 18.93                 | 19.20 | 19.27 | 19.40                               | 2                        |
|                   |            | 1       | 50        | 18.90                 | 19.17 | 19.24 | 19.40                               | 2                        |
|                   |            | 1       | 99        | 18.96                 | 19.18 | 19.34 | 19.40                               | 2                        |
|                   |            | 50      | 0         | 17.86                 | 18.10 | 18.24 | 18.40                               | 3                        |
|                   |            | 50      | 25        | 17.95                 | 18.29 | 18.20 | 18.40                               | 3                        |
|                   |            | 50      | 50        | 17.81                 | 18.31 | 18.30 | 18.40                               | 3                        |
|                   |            | 100     | 0         | 17.98                 | 18.26 | 18.32 | 18.40                               | 3                        |
| 20                | 256-QAM    | 1       | 0         | 17.92                 | 18.16 | 18.22 | 18.40                               | 3                        |
|                   |            | 1       | 50        | 17.98                 | 18.15 | 18.22 | 18.40                               | 3                        |
|                   |            | 1       | 99        | 17.90                 | 18.29 | 18.23 | 18.40                               | 3                        |
|                   |            | 50      | 0         | 16.89                 | 17.24 | 17.40 | 17.40                               | 4                        |
|                   |            | 50      | 25        | 17.05                 | 17.22 | 17.28 | 17.40                               | 4                        |
|                   |            | 50      | 50        | 16.99                 | 17.15 | 17.23 | 17.40                               | 4                        |
|                   |            | 100     | 0         | 16.97                 | 17.29 | 17.29 | 17.40                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3457.5                | 3500  | 3542.5 |                                     |                          |
| Channel           |            |         |           | 42165                 | 42590 | 43015  |                                     |                          |
| 15                | QPSK       | 1       | 0         | 21.00                 | 21.37 | 21.28  | 21.40                               | 0                        |
|                   |            | 1       | 36        | 20.98                 | 21.26 | 21.31  | 21.40                               | 0                        |
|                   |            | 1       | 74        | 20.90                 | 21.25 | 21.30  | 21.40                               | 0                        |
|                   |            | 36      | 0         | 20.03                 | 20.24 | 20.39  | 20.40                               | 1                        |
|                   |            | 36      | 18        | 19.85                 | 20.28 | 20.31  | 20.40                               | 1                        |
|                   |            | 36      | 37        | 19.95                 | 20.24 | 20.36  | 20.40                               | 1                        |
|                   |            | 75      | 0         | 19.87                 | 20.15 | 20.22  | 20.40                               | 1                        |
| 15                | 16-QAM     | 1       | 0         | 20.05                 | 20.16 | 20.17  | 20.40                               | 1                        |
|                   |            | 1       | 36        | 19.99                 | 20.22 | 20.23  | 20.40                               | 1                        |
|                   |            | 1       | 74        | 19.93                 | 20.21 | 20.28  | 20.40                               | 1                        |
|                   |            | 36      | 0         | 18.88                 | 19.25 | 19.34  | 19.40                               | 2                        |
|                   |            | 36      | 18        | 18.88                 | 19.15 | 19.37  | 19.40                               | 2                        |
|                   |            | 36      | 37        | 18.91                 | 19.28 | 19.18  | 19.40                               | 2                        |
|                   |            | 75      | 0         | 18.89                 | 19.28 | 19.32  | 19.40                               | 2                        |
| 15                | 64-QAM     | 1       | 0         | 18.95                 | 19.21 | 19.33  | 19.40                               | 2                        |
|                   |            | 1       | 36        | 18.84                 | 19.24 | 19.29  | 19.40                               | 2                        |
|                   |            | 1       | 74        | 19.04                 | 19.34 | 19.28  | 19.40                               | 2                        |
|                   |            | 36      | 0         | 17.95                 | 18.19 | 18.36  | 18.40                               | 3                        |
|                   |            | 36      | 18        | 17.96                 | 18.22 | 18.23  | 18.40                               | 3                        |
|                   |            | 36      | 37        | 17.87                 | 18.15 | 18.27  | 18.40                               | 3                        |
|                   |            | 75      | 0         | 17.91                 | 18.18 | 18.20  | 18.40                               | 3                        |
| 15                | 256-QAM    | 1       | 0         | 17.93                 | 18.24 | 18.31  | 18.40                               | 3                        |
|                   |            | 1       | 36        | 18.05                 | 18.27 | 18.30  | 18.40                               | 3                        |
|                   |            | 1       | 74        | 17.91                 | 18.22 | 18.26  | 18.40                               | 3                        |
|                   |            | 36      | 0         | 17.07                 | 17.34 | 17.24  | 17.40                               | 4                        |
|                   |            | 36      | 18        | 16.99                 | 17.30 | 17.18  | 17.40                               | 4                        |
|                   |            | 36      | 37        | 16.95                 | 17.17 | 17.31  | 17.40                               | 4                        |
|                   |            | 75      | 0         | 16.83                 | 17.23 | 17.21  | 17.40                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3455                  | 3500  | 3545  |                                     |                          |
| Channel           |            |         |           | 42140                 | 42590 | 43040 |                                     |                          |
| 10                | QPSK       | 1       | 0         | 20.97                 | 21.22 | 21.31 | 21.40                               | 0                        |
|                   |            | 1       | 25        | 20.97                 | 21.21 | 21.31 | 21.40                               | 0                        |
|                   |            | 1       | 49        | 20.89                 | 21.33 | 21.39 | 21.40                               | 0                        |
|                   |            | 25      | 0         | 19.98                 | 20.23 | 20.36 | 20.40                               | 1                        |
|                   |            | 25      | 12        | 19.95                 | 20.12 | 20.33 | 20.40                               | 1                        |
|                   |            | 25      | 25        | 19.91                 | 20.23 | 20.26 | 20.40                               | 1                        |
|                   |            | 50      | 0         | 19.89                 | 20.24 | 20.35 | 20.40                               | 1                        |
| 10                | 16-QAM     | 1       | 0         | 19.93                 | 20.22 | 20.26 | 20.40                               | 1                        |
|                   |            | 1       | 25        | 20.01                 | 20.28 | 20.40 | 20.40                               | 1                        |
|                   |            | 1       | 49        | 19.85                 | 20.25 | 20.24 | 20.40                               | 1                        |
|                   |            | 25      | 0         | 18.90                 | 19.15 | 19.37 | 19.40                               | 2                        |
|                   |            | 25      | 12        | 19.05                 | 19.32 | 19.33 | 19.40                               | 2                        |
|                   |            | 25      | 25        | 18.97                 | 19.29 | 19.23 | 19.40                               | 2                        |
|                   |            | 50      | 0         | 18.88                 | 19.29 | 19.29 | 19.40                               | 2                        |
| 10                | 64-QAM     | 1       | 0         | 18.91                 | 19.17 | 19.25 | 19.40                               | 2                        |
|                   |            | 1       | 25        | 18.95                 | 19.18 | 19.27 | 19.40                               | 2                        |
|                   |            | 1       | 49        | 18.89                 | 19.24 | 19.28 | 19.40                               | 2                        |
|                   |            | 25      | 0         | 18.02                 | 18.27 | 18.31 | 18.40                               | 3                        |
|                   |            | 25      | 12        | 18.00                 | 18.21 | 18.28 | 18.40                               | 3                        |
|                   |            | 25      | 25        | 17.82                 | 18.18 | 18.39 | 18.40                               | 3                        |
|                   |            | 50      | 0         | 17.94                 | 18.15 | 18.32 | 18.40                               | 3                        |
| 10                | 256-QAM    | 1       | 0         | 18.01                 | 18.29 | 18.36 | 18.40                               | 3                        |
|                   |            | 1       | 25        | 18.02                 | 18.19 | 18.26 | 18.40                               | 3                        |
|                   |            | 1       | 49        | 17.84                 | 18.13 | 18.17 | 18.40                               | 3                        |
|                   |            | 25      | 0         | 16.86                 | 17.24 | 17.27 | 17.40                               | 4                        |
|                   |            | 25      | 12        | 16.94                 | 17.14 | 17.34 | 17.40                               | 4                        |
|                   |            | 25      | 25        | 16.86                 | 17.29 | 17.27 | 17.40                               | 4                        |
|                   |            | 50      | 0         | 16.97                 | 17.23 | 17.21 | 17.40                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3452.5                | 3500  | 3547.5 |                                     |                          |
| Channel           |            |         |           | 42115                 | 42590 | 43065  |                                     |                          |
| 5                 | QPSK       | 1       | 0         | 20.91                 | 21.11 | 21.34  | 21.40                               | 0                        |
|                   |            | 1       | 12        | 20.97                 | 21.20 | 21.29  | 21.40                               | 0                        |
|                   |            | 1       | 24        | 20.89                 | 21.29 | 21.33  | 21.40                               | 0                        |
|                   |            | 12      | 0         | 19.96                 | 20.30 | 20.20  | 20.40                               | 1                        |
|                   |            | 12      | 6         | 19.98                 | 20.25 | 20.28  | 20.40                               | 1                        |
|                   |            | 12      | 13        | 19.90                 | 20.20 | 20.20  | 20.40                               | 1                        |
|                   |            | 25      | 0         | 19.84                 | 20.16 | 20.32  | 20.40                               | 1                        |
| 5                 | 16-QAM     | 1       | 0         | 20.00                 | 20.25 | 20.20  | 20.40                               | 1                        |
|                   |            | 1       | 12        | 20.00                 | 20.24 | 20.31  | 20.40                               | 1                        |
|                   |            | 1       | 24        | 19.99                 | 20.28 | 20.28  | 20.40                               | 1                        |
|                   |            | 12      | 0         | 18.99                 | 19.17 | 19.27  | 19.40                               | 2                        |
|                   |            | 12      | 6         | 18.94                 | 19.19 | 19.20  | 19.40                               | 2                        |
|                   |            | 12      | 13        | 18.98                 | 19.25 | 19.17  | 19.40                               | 2                        |
|                   |            | 25      | 0         | 18.93                 | 19.21 | 19.20  | 19.40                               | 2                        |
| 5                 | 64-QAM     | 1       | 0         | 18.85                 | 19.12 | 19.29  | 19.40                               | 2                        |
|                   |            | 1       | 12        | 18.84                 | 19.28 | 19.33  | 19.40                               | 2                        |
|                   |            | 1       | 24        | 18.85                 | 19.26 | 19.25  | 19.40                               | 2                        |
|                   |            | 12      | 0         | 17.94                 | 18.28 | 18.21  | 18.40                               | 3                        |
|                   |            | 12      | 6         | 18.04                 | 18.16 | 18.19  | 18.40                               | 3                        |
|                   |            | 12      | 13        | 17.89                 | 18.32 | 18.30  | 18.40                               | 3                        |
|                   |            | 25      | 0         | 17.96                 | 18.27 | 18.34  | 18.40                               | 3                        |
| 5                 | 256-QAM    | 1       | 0         | 17.94                 | 18.27 | 18.29  | 18.40                               | 3                        |
|                   |            | 1       | 12        | 17.89                 | 18.22 | 18.39  | 18.40                               | 3                        |
|                   |            | 1       | 24        | 17.88                 | 18.31 | 18.39  | 18.40                               | 3                        |
|                   |            | 12      | 0         | 16.91                 | 17.23 | 17.25  | 17.40                               | 4                        |
|                   |            | 12      | 6         | 16.98                 | 17.14 | 17.27  | 17.40                               | 4                        |
|                   |            | 12      | 13        | 16.90                 | 17.19 | 17.35  | 17.40                               | 4                        |
|                   |            | 25      | 0         | 16.86                 | 17.13 | 17.36  | 17.40                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3560                  | 3575  | 3590  |                                     |                          |
| Channel           |            |         |           | 43190                 | 43340 | 43490 |                                     |                          |
| 20                | QPSK       | 1       | 0         | 21.34                 | 21.28 | 21.30 | 21.40                               | 0                        |
|                   |            | 1       | 50        | 21.23                 | 21.07 | 21.20 | 21.40                               | 0                        |
|                   |            | 1       | 99        | 21.13                 | 21.00 | 21.18 | 21.40                               | 0                        |
|                   |            | 50      | 0         | 20.07                 | 20.11 | 20.17 | 20.40                               | 1                        |
|                   |            | 50      | 25        | 20.19                 | 20.10 | 20.27 | 20.40                               | 1                        |
|                   |            | 50      | 50        | 20.27                 | 20.05 | 20.17 | 20.40                               | 1                        |
|                   |            | 100     | 0         | 20.19                 | 20.10 | 20.19 | 20.40                               | 1                        |
| 20                | 16-QAM     | 1       | 0         | 20.13                 | 20.01 | 20.22 | 20.40                               | 1                        |
|                   |            | 1       | 50        | 20.24                 | 20.09 | 20.15 | 20.40                               | 1                        |
|                   |            | 1       | 99        | 20.11                 | 20.16 | 20.19 | 20.40                               | 1                        |
|                   |            | 50      | 0         | 19.22                 | 19.13 | 19.19 | 19.40                               | 2                        |
|                   |            | 50      | 25        | 19.21                 | 19.19 | 19.09 | 19.40                               | 2                        |
|                   |            | 50      | 50        | 19.22                 | 19.19 | 19.17 | 19.40                               | 2                        |
|                   |            | 100     | 0         | 19.21                 | 19.09 | 19.13 | 19.40                               | 2                        |
| 20                | 64-QAM     | 1       | 0         | 19.28                 | 19.10 | 19.30 | 19.40                               | 2                        |
|                   |            | 1       | 50        | 19.27                 | 19.07 | 19.21 | 19.40                               | 2                        |
|                   |            | 1       | 99        | 19.19                 | 19.16 | 19.18 | 19.40                               | 2                        |
|                   |            | 50      | 0         | 18.22                 | 18.16 | 18.26 | 18.40                               | 3                        |
|                   |            | 50      | 25        | 18.27                 | 18.15 | 18.14 | 18.40                               | 3                        |
|                   |            | 50      | 50        | 18.11                 | 18.19 | 18.13 | 18.40                               | 3                        |
|                   |            | 100     | 0         | 18.11                 | 18.14 | 18.11 | 18.40                               | 3                        |
| 20                | 256-QAM    | 1       | 0         | 18.23                 | 18.10 | 18.09 | 18.40                               | 3                        |
|                   |            | 1       | 50        | 18.11                 | 18.17 | 18.14 | 18.40                               | 3                        |
|                   |            | 1       | 99        | 18.24                 | 18.06 | 18.23 | 18.40                               | 3                        |
|                   |            | 50      | 0         | 17.08                 | 17.09 | 17.15 | 17.40                               | 4                        |
|                   |            | 50      | 25        | 17.13                 | 17.18 | 17.19 | 17.40                               | 4                        |
|                   |            | 50      | 50        | 17.25                 | 17.06 | 17.13 | 17.40                               | 4                        |
|                   |            | 100     | 0         | 17.14                 | 17.03 | 17.31 | 17.40                               | 4                        |

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| LTE Band 42_Part2 |            |         |           |                       |       |        |                                     |                          |
|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3557.5                | 3575  | 3592.5 |                                     |                          |
| Channel           |            |         |           | 43165                 | 43340 | 43515  |                                     |                          |
| 15                | QPSK       | 1       | 0         | 21.19                 | 21.22 | 21.21  | 21.40                               | 0                        |
|                   |            | 1       | 36        | 21.11                 | 21.18 | 21.20  | 21.40                               | 0                        |
|                   |            | 1       | 74        | 21.11                 | 21.05 | 21.19  | 21.40                               | 0                        |
|                   |            | 36      | 0         | 20.23                 | 20.15 | 20.19  | 20.40                               | 1                        |
|                   |            | 36      | 18        | 20.18                 | 20.09 | 20.14  | 20.40                               | 1                        |
|                   |            | 36      | 37        | 20.08                 | 20.19 | 20.14  | 20.40                               | 1                        |
|                   |            | 75      | 0         | 20.18                 | 20.17 | 20.22  | 20.40                               | 1                        |
| 15                | 16-QAM     | 1       | 0         | 20.12                 | 20.12 | 20.12  | 20.40                               | 1                        |
|                   |            | 1       | 36        | 20.31                 | 20.02 | 20.09  | 20.40                               | 1                        |
|                   |            | 1       | 74        | 20.05                 | 20.11 | 20.28  | 20.40                               | 1                        |
|                   |            | 36      | 0         | 19.06                 | 19.15 | 19.17  | 19.40                               | 2                        |
|                   |            | 36      | 18        | 19.25                 | 19.11 | 19.17  | 19.40                               | 2                        |
|                   |            | 36      | 37        | 19.24                 | 19.03 | 19.12  | 19.40                               | 2                        |
|                   |            | 75      | 0         | 19.17                 | 19.12 | 19.26  | 19.40                               | 2                        |
| 15                | 64-QAM     | 1       | 0         | 19.19                 | 19.25 | 19.17  | 19.40                               | 2                        |
|                   |            | 1       | 36        | 19.21                 | 19.10 | 19.24  | 19.40                               | 2                        |
|                   |            | 1       | 74        | 19.20                 | 19.10 | 19.13  | 19.40                               | 2                        |
|                   |            | 36      | 0         | 18.16                 | 18.14 | 18.14  | 18.40                               | 3                        |
|                   |            | 36      | 18        | 18.14                 | 18.12 | 18.13  | 18.40                               | 3                        |
|                   |            | 36      | 37        | 18.21                 | 18.13 | 18.20  | 18.40                               | 3                        |
|                   |            | 75      | 0         | 18.24                 | 18.07 | 18.26  | 18.40                               | 3                        |
| 15                | 256-QAM    | 1       | 0         | 18.17                 | 18.12 | 18.18  | 18.40                               | 3                        |
|                   |            | 1       | 36        | 18.29                 | 18.08 | 18.17  | 18.40                               | 3                        |
|                   |            | 1       | 74        | 18.16                 | 18.13 | 18.11  | 18.40                               | 3                        |
|                   |            | 36      | 0         | 17.16                 | 17.13 | 17.15  | 17.40                               | 4                        |
|                   |            | 36      | 18        | 17.27                 | 17.08 | 17.17  | 17.40                               | 4                        |
|                   |            | 36      | 37        | 17.08                 | 17.08 | 17.22  | 17.40                               | 4                        |
|                   |            | 75      | 0         | 17.23                 | 17.16 | 17.10  | 17.40                               | 4                        |

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| LTE Band 42_Part2 |            |         |           |                       |       |       |                                     |                          |
|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3555                  | 3575  | 3595  |                                     |                          |
| Channel           |            |         |           | 43140                 | 43340 | 43540 |                                     |                          |
| 10                | QPSK       | 1       | 0         | 21.13                 | 21.05 | 21.12 | 21.40                               | 0                        |
|                   |            | 1       | 25        | 21.14                 | 21.08 | 21.23 | 21.40                               | 0                        |
|                   |            | 1       | 49        | 21.13                 | 21.19 | 21.19 | 21.40                               | 0                        |
|                   |            | 25      | 0         | 20.32                 | 20.16 | 20.07 | 20.40                               | 1                        |
|                   |            | 25      | 12        | 20.20                 | 20.11 | 20.16 | 20.40                               | 1                        |
|                   |            | 25      | 25        | 20.16                 | 20.16 | 20.16 | 20.40                               | 1                        |
|                   |            | 50      | 0         | 20.15                 | 20.11 | 20.16 | 20.40                               | 1                        |
| 10                | 16-QAM     | 1       | 0         | 20.07                 | 20.13 | 20.26 | 20.40                               | 1                        |
|                   |            | 1       | 25        | 20.16                 | 20.11 | 20.22 | 20.40                               | 1                        |
|                   |            | 1       | 49        | 20.21                 | 20.16 | 20.16 | 20.40                               | 1                        |
|                   |            | 25      | 0         | 19.13                 | 19.11 | 19.25 | 19.40                               | 2                        |
|                   |            | 25      | 12        | 19.15                 | 19.11 | 19.12 | 19.40                               | 2                        |
|                   |            | 25      | 25        | 19.24                 | 19.04 | 19.22 | 19.40                               | 2                        |
|                   |            | 50      | 0         | 19.23                 | 19.10 | 19.27 | 19.40                               | 2                        |
| 10                | 64-QAM     | 1       | 0         | 19.14                 | 19.06 | 19.04 | 19.40                               | 2                        |
|                   |            | 1       | 25        | 19.25                 | 19.10 | 19.13 | 19.40                               | 2                        |
|                   |            | 1       | 49        | 19.17                 | 19.24 | 19.19 | 19.40                               | 2                        |
|                   |            | 25      | 0         | 18.05                 | 18.12 | 18.29 | 18.40                               | 3                        |
|                   |            | 25      | 12        | 18.18                 | 18.09 | 18.30 | 18.40                               | 3                        |
|                   |            | 25      | 25        | 18.22                 | 18.06 | 18.09 | 18.40                               | 3                        |
|                   |            | 50      | 0         | 18.26                 | 18.11 | 18.31 | 18.40                               | 3                        |
| 10                | 256-QAM    | 1       | 0         | 18.10                 | 18.15 | 18.27 | 18.40                               | 3                        |
|                   |            | 1       | 25        | 18.10                 | 18.07 | 18.24 | 18.40                               | 3                        |
|                   |            | 1       | 49        | 18.22                 | 18.08 | 18.18 | 18.40                               | 3                        |
|                   |            | 25      | 0         | 17.29                 | 17.12 | 17.10 | 17.40                               | 4                        |
|                   |            | 25      | 12        | 17.18                 | 17.06 | 17.24 | 17.40                               | 4                        |
|                   |            | 25      | 25        | 17.24                 | 17.20 | 17.11 | 17.40                               | 4                        |
|                   |            | 50      | 0         | 17.14                 | 17.19 | 17.21 | 17.40                               | 4                        |

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| LTE Band 42_Part2 |            |         |           |                       |       |        |                                     |                          |
|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3552.5                | 3575  | 3597.5 |                                     |                          |
| Channel           |            |         |           | 43115                 | 43340 | 43565  |                                     |                          |
| 5                 | QPSK       | 1       | 0         | 21.27                 | 21.07 | 21.05  | 21.40                               | 0                        |
|                   |            | 1       | 12        | 21.17                 | 21.11 | 21.20  | 21.40                               | 0                        |
|                   |            | 1       | 24        | 21.16                 | 21.10 | 21.17  | 21.40                               | 0                        |
|                   |            | 12      | 0         | 20.19                 | 20.13 | 20.23  | 20.40                               | 1                        |
|                   |            | 12      | 6         | 20.11                 | 20.14 | 20.22  | 20.40                               | 1                        |
|                   |            | 12      | 13        | 20.16                 | 20.14 | 20.11  | 20.40                               | 1                        |
|                   |            | 25      | 0         | 20.18                 | 20.12 | 20.13  | 20.40                               | 1                        |
| 5                 | 16-QAM     | 1       | 0         | 20.23                 | 20.11 | 20.21  | 20.40                               | 1                        |
|                   |            | 1       | 12        | 20.10                 | 20.01 | 20.09  | 20.40                               | 1                        |
|                   |            | 1       | 24        | 20.15                 | 20.13 | 20.27  | 20.40                               | 1                        |
|                   |            | 12      | 0         | 19.27                 | 19.09 | 19.27  | 19.40                               | 2                        |
|                   |            | 12      | 6         | 19.12                 | 19.08 | 19.14  | 19.40                               | 2                        |
|                   |            | 12      | 13        | 19.24                 | 19.16 | 19.23  | 19.40                               | 2                        |
|                   |            | 25      | 0         | 19.22                 | 19.09 | 19.24  | 19.40                               | 2                        |
| 5                 | 64-QAM     | 1       | 0         | 19.29                 | 19.06 | 19.15  | 19.40                               | 2                        |
|                   |            | 1       | 12        | 19.28                 | 19.15 | 19.14  | 19.40                               | 2                        |
|                   |            | 1       | 24        | 19.21                 | 19.15 | 19.12  | 19.40                               | 2                        |
|                   |            | 12      | 0         | 18.24                 | 18.17 | 18.20  | 18.40                               | 3                        |
|                   |            | 12      | 6         | 18.23                 | 18.13 | 18.12  | 18.40                               | 3                        |
|                   |            | 12      | 13        | 18.10                 | 18.19 | 18.16  | 18.40                               | 3                        |
|                   |            | 25      | 0         | 18.10                 | 18.17 | 18.21  | 18.40                               | 3                        |
| 5                 | 256-QAM    | 1       | 0         | 18.14                 | 18.18 | 18.21  | 18.40                               | 3                        |
|                   |            | 1       | 12        | 18.08                 | 18.20 | 18.28  | 18.40                               | 3                        |
|                   |            | 1       | 24        | 18.16                 | 18.11 | 18.10  | 18.40                               | 3                        |
|                   |            | 12      | 0         | 17.13                 | 17.11 | 17.17  | 17.40                               | 4                        |
|                   |            | 12      | 6         | 17.15                 | 17.19 | 17.27  | 17.40                               | 4                        |
|                   |            | 12      | 13        | 17.10                 | 17.12 | 17.05  | 17.40                               | 4                        |
|                   |            | 25      | 0         | 17.19                 | 17.14 | 17.23  | 17.40                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3610                  | 3650  | 3690  |                                     |                          |
| Channel         |            |         |           | 43690                 | 44090 | 44490 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 21.02                 | 21.05 | 21.00 | 21.40                               | 0                        |
|                 |            | 1       | 50        | 20.96                 | 21.03 | 20.88 | 21.40                               | 0                        |
|                 |            | 1       | 99        | 20.81                 | 20.90 | 20.93 | 21.40                               | 0                        |
|                 |            | 50      | 0         | 19.99                 | 19.97 | 19.79 | 20.40                               | 1                        |
|                 |            | 50      | 25        | 19.89                 | 19.95 | 19.84 | 20.40                               | 1                        |
|                 |            | 50      | 50        | 19.83                 | 19.84 | 19.86 | 20.40                               | 1                        |
|                 |            | 100     | 0         | 19.89                 | 19.99 | 19.78 | 20.40                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 19.83                 | 19.97 | 19.74 | 20.40                               | 1                        |
|                 |            | 1       | 50        | 19.84                 | 19.97 | 19.75 | 20.40                               | 1                        |
|                 |            | 1       | 99        | 19.90                 | 19.98 | 19.76 | 20.40                               | 1                        |
|                 |            | 50      | 0         | 18.84                 | 18.96 | 18.88 | 19.40                               | 2                        |
|                 |            | 50      | 25        | 18.86                 | 18.98 | 18.92 | 19.40                               | 2                        |
|                 |            | 50      | 50        | 18.80                 | 18.85 | 18.83 | 19.40                               | 2                        |
|                 |            | 100     | 0         | 18.86                 | 18.96 | 18.78 | 19.40                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 18.85                 | 18.86 | 18.72 | 19.40                               | 2                        |
|                 |            | 1       | 50        | 18.93                 | 18.87 | 18.88 | 19.40                               | 2                        |
|                 |            | 1       | 99        | 18.92                 | 18.92 | 18.85 | 19.40                               | 2                        |
|                 |            | 50      | 0         | 17.81                 | 17.92 | 17.84 | 18.40                               | 3                        |
|                 |            | 50      | 25        | 17.92                 | 17.89 | 17.77 | 18.40                               | 3                        |
|                 |            | 50      | 50        | 17.89                 | 17.80 | 17.74 | 18.40                               | 3                        |
|                 |            | 100     | 0         | 17.83                 | 17.86 | 17.90 | 18.40                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 17.78                 | 17.76 | 17.84 | 18.40                               | 3                        |
|                 |            | 1       | 50        | 17.89                 | 17.89 | 17.80 | 18.40                               | 3                        |
|                 |            | 1       | 99        | 17.96                 | 17.75 | 17.78 | 18.40                               | 3                        |
|                 |            | 50      | 0         | 16.90                 | 16.91 | 16.76 | 17.40                               | 4                        |
|                 |            | 50      | 25        | 16.87                 | 16.96 | 16.84 | 17.40                               | 4                        |
|                 |            | 50      | 50        | 16.89                 | 16.88 | 16.96 | 17.40                               | 4                        |
|                 |            | 100     | 0         | 16.73                 | 16.88 | 16.84 | 17.40                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3607.5                | 3650  | 3692.5 |                                     |                          |
| Channel         |            |         |           | 43665                 | 44090 | 44515  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 20.96                 | 20.78 | 20.93  | 21.40                               | 0                        |
|                 |            | 1       | 36        | 20.93                 | 20.84 | 20.84  | 21.40                               | 0                        |
|                 |            | 1       | 74        | 20.83                 | 20.86 | 20.91  | 21.40                               | 0                        |
|                 |            | 36      | 0         | 19.80                 | 19.92 | 19.94  | 20.40                               | 1                        |
|                 |            | 36      | 18        | 19.76                 | 19.79 | 19.71  | 20.40                               | 1                        |
|                 |            | 36      | 37        | 19.92                 | 20.02 | 19.86  | 20.40                               | 1                        |
|                 |            | 75      | 0         | 19.82                 | 19.83 | 19.89  | 20.40                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 19.90                 | 19.98 | 19.79  | 20.40                               | 1                        |
|                 |            | 1       | 36        | 19.88                 | 19.94 | 19.90  | 20.40                               | 1                        |
|                 |            | 1       | 74        | 19.85                 | 19.87 | 19.80  | 20.40                               | 1                        |
|                 |            | 36      | 0         | 18.88                 | 19.01 | 18.89  | 19.40                               | 2                        |
|                 |            | 36      | 18        | 19.00                 | 18.93 | 18.88  | 19.40                               | 2                        |
|                 |            | 36      | 37        | 18.76                 | 18.83 | 18.86  | 19.40                               | 2                        |
|                 |            | 75      | 0         | 18.84                 | 18.93 | 18.83  | 19.40                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 18.88                 | 18.91 | 18.85  | 19.40                               | 2                        |
|                 |            | 1       | 36        | 18.85                 | 18.78 | 18.79  | 19.40                               | 2                        |
|                 |            | 1       | 74        | 18.94                 | 18.86 | 18.82  | 19.40                               | 2                        |
|                 |            | 36      | 0         | 17.89                 | 17.88 | 17.82  | 18.40                               | 3                        |
|                 |            | 36      | 18        | 17.89                 | 17.78 | 17.95  | 18.40                               | 3                        |
|                 |            | 36      | 37        | 17.90                 | 17.84 | 17.86  | 18.40                               | 3                        |
|                 |            | 75      | 0         | 17.86                 | 17.75 | 17.83  | 18.40                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 17.87                 | 17.82 | 17.85  | 18.40                               | 3                        |
|                 |            | 1       | 36        | 17.73                 | 17.84 | 17.84  | 18.40                               | 3                        |
|                 |            | 1       | 74        | 17.98                 | 17.89 | 17.87  | 18.40                               | 3                        |
|                 |            | 36      | 0         | 16.80                 | 16.95 | 16.76  | 17.40                               | 4                        |
|                 |            | 36      | 18        | 16.77                 | 16.88 | 16.89  | 17.40                               | 4                        |
|                 |            | 36      | 37        | 16.87                 | 16.95 | 16.75  | 17.40                               | 4                        |
|                 |            | 75      | 0         | 16.89                 | 16.79 | 16.81  | 17.40                               | 4                        |

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| LTE Band 43     |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3605                  | 3650  | 3695  |                                     |                          |
| Channel         |            |         |           | 43640                 | 44090 | 44540 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 20.94                 | 20.89 | 20.78 | 21.40                               | 0                        |
|                 |            | 1       | 25        | 20.83                 | 20.87 | 20.83 | 21.40                               | 0                        |
|                 |            | 1       | 49        | 20.81                 | 20.86 | 20.82 | 21.40                               | 0                        |
|                 |            | 25      | 0         | 19.81                 | 19.92 | 19.88 | 20.40                               | 1                        |
|                 |            | 25      | 12        | 19.83                 | 19.93 | 19.86 | 20.40                               | 1                        |
|                 |            | 25      | 25        | 19.86                 | 19.86 | 19.86 | 20.40                               | 1                        |
|                 |            | 50      | 0         | 19.89                 | 19.91 | 19.85 | 20.40                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 19.92                 | 19.92 | 19.84 | 20.40                               | 1                        |
|                 |            | 1       | 25        | 19.87                 | 19.92 | 19.84 | 20.40                               | 1                        |
|                 |            | 1       | 49        | 19.76                 | 19.93 | 19.84 | 20.40                               | 1                        |
|                 |            | 25      | 0         | 18.84                 | 18.89 | 18.93 | 19.40                               | 2                        |
|                 |            | 25      | 12        | 18.91                 | 18.98 | 18.84 | 19.40                               | 2                        |
|                 |            | 25      | 25        | 18.86                 | 18.97 | 18.89 | 19.40                               | 2                        |
|                 |            | 50      | 0         | 18.88                 | 18.91 | 18.80 | 19.40                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 18.85                 | 18.89 | 18.86 | 19.40                               | 2                        |
|                 |            | 1       | 25        | 18.99                 | 18.82 | 18.82 | 19.40                               | 2                        |
|                 |            | 1       | 49        | 18.80                 | 18.85 | 18.80 | 19.40                               | 2                        |
|                 |            | 25      | 0         | 17.78                 | 17.89 | 17.87 | 18.40                               | 3                        |
|                 |            | 25      | 12        | 17.84                 | 17.95 | 17.86 | 18.40                               | 3                        |
|                 |            | 25      | 25        | 17.94                 | 17.89 | 17.90 | 18.40                               | 3                        |
|                 |            | 50      | 0         | 17.83                 | 17.89 | 17.79 | 18.40                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 17.86                 | 17.89 | 17.98 | 18.40                               | 3                        |
|                 |            | 1       | 25        | 17.84                 | 17.91 | 17.81 | 18.40                               | 3                        |
|                 |            | 1       | 49        | 17.78                 | 17.88 | 17.94 | 18.40                               | 3                        |
|                 |            | 25      | 0         | 16.93                 | 16.85 | 16.83 | 17.40                               | 4                        |
|                 |            | 25      | 12        | 16.73                 | 16.84 | 16.80 | 17.40                               | 4                        |
|                 |            | 25      | 25        | 16.83                 | 16.84 | 16.85 | 17.40                               | 4                        |
|                 |            | 50      | 0         | 16.78                 | 16.86 | 16.82 | 17.40                               | 4                        |

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| LTE Band 43     |            |         |           |                       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3602.5                | 3650  | 3697.5 |                                     |                          |
| Channel         |            |         |           | 43615                 | 44090 | 44565  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 20.80                 | 20.91 | 20.78  | 21.40                               | 0                        |
|                 |            | 1       | 12        | 20.85                 | 20.92 | 20.75  | 21.40                               | 0                        |
|                 |            | 1       | 24        | 20.80                 | 20.90 | 20.94  | 21.40                               | 0                        |
|                 |            | 12      | 0         | 19.76                 | 19.85 | 19.85  | 20.40                               | 1                        |
|                 |            | 12      | 6         | 19.77                 | 19.90 | 19.89  | 20.40                               | 1                        |
|                 |            | 12      | 13        | 19.84                 | 19.86 | 19.83  | 20.40                               | 1                        |
|                 |            | 25      | 0         | 19.91                 | 19.85 | 19.76  | 20.40                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 19.94                 | 19.84 | 19.85  | 20.40                               | 1                        |
|                 |            | 1       | 12        | 19.79                 | 19.88 | 19.92  | 20.40                               | 1                        |
|                 |            | 1       | 24        | 19.90                 | 19.83 | 19.80  | 20.40                               | 1                        |
|                 |            | 12      | 0         | 18.86                 | 18.99 | 18.95  | 19.40                               | 2                        |
|                 |            | 12      | 6         | 18.85                 | 18.95 | 18.82  | 19.40                               | 2                        |
|                 |            | 12      | 13        | 18.94                 | 18.76 | 18.77  | 19.40                               | 2                        |
|                 |            | 25      | 0         | 18.85                 | 18.95 | 18.87  | 19.40                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 18.98                 | 18.97 | 18.91  | 19.40                               | 2                        |
|                 |            | 1       | 12        | 18.81                 | 18.89 | 18.96  | 19.40                               | 2                        |
|                 |            | 1       | 24        | 18.81                 | 18.92 | 18.81  | 19.40                               | 2                        |
|                 |            | 12      | 0         | 17.88                 | 17.90 | 17.80  | 18.40                               | 3                        |
|                 |            | 12      | 6         | 17.89                 | 17.95 | 17.74  | 18.40                               | 3                        |
|                 |            | 12      | 13        | 17.86                 | 17.80 | 17.86  | 18.40                               | 3                        |
|                 |            | 25      | 0         | 17.85                 | 17.84 | 17.81  | 18.40                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 17.78                 | 17.87 | 17.90  | 18.40                               | 3                        |
|                 |            | 1       | 12        | 17.95                 | 17.97 | 17.77  | 18.40                               | 3                        |
|                 |            | 1       | 24        | 17.89                 | 17.91 | 17.81  | 18.40                               | 3                        |
|                 |            | 12      | 0         | 16.79                 | 16.80 | 16.88  | 17.40                               | 4                        |
|                 |            | 12      | 6         | 16.87                 | 16.81 | 16.82  | 17.40                               | 4                        |
|                 |            | 12      | 13        | 16.83                 | 16.92 | 16.77  | 17.40                               | 4                        |
|                 |            | 25      | 0         | 17.00                 | 17.01 | 16.83  | 17.40                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3560                  | 3609  | 3641  | 3690  |                                     |                          |
| Channel         |            |         |           | 55340                 | 55830 | 56150 | 56640 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 21.30                 | 21.39 | 21.38 | 21.42 | 22.00                               | 0                        |
|                 |            | 1       | 50        | 21.26                 | 21.30 | 21.11 | 21.13 | 22.00                               | 0                        |
|                 |            | 1       | 99        | 21.20                 | 21.07 | 21.18 | 21.16 | 22.00                               | 0                        |
|                 |            | 50      | 0         | 20.31                 | 20.23 | 20.10 | 20.32 | 21.00                               | 1                        |
|                 |            | 50      | 25        | 20.13                 | 20.14 | 20.31 | 20.33 | 21.00                               | 1                        |
|                 |            | 50      | 50        | 20.28                 | 20.10 | 20.15 | 20.18 | 21.00                               | 1                        |
|                 |            | 100     | 0         | 20.35                 | 20.28 | 20.33 | 20.26 | 21.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 20.05                 | 20.25 | 20.07 | 20.31 | 21.00                               | 1                        |
|                 |            | 1       | 50        | 20.29                 | 20.28 | 20.30 | 20.32 | 21.00                               | 1                        |
|                 |            | 1       | 99        | 20.05                 | 20.24 | 20.24 | 20.25 | 21.00                               | 1                        |
|                 |            | 50      | 0         | 19.20                 | 19.15 | 19.17 | 19.16 | 20.00                               | 2                        |
|                 |            | 50      | 25        | 19.16                 | 19.12 | 19.28 | 19.26 | 20.00                               | 2                        |
|                 |            | 50      | 50        | 19.15                 | 19.28 | 19.20 | 19.27 | 20.00                               | 2                        |
|                 |            | 100     | 0         | 19.00                 | 19.31 | 19.22 | 19.39 | 20.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 19.17                 | 19.13 | 19.09 | 19.33 | 20.00                               | 2                        |
|                 |            | 1       | 50        | 19.18                 | 19.23 | 19.31 | 19.14 | 20.00                               | 2                        |
|                 |            | 1       | 99        | 19.09                 | 19.26 | 19.26 | 19.35 | 20.00                               | 2                        |
|                 |            | 50      | 0         | 18.31                 | 18.15 | 18.10 | 18.08 | 19.00                               | 3                        |
|                 |            | 50      | 25        | 18.16                 | 18.17 | 18.17 | 18.15 | 19.00                               | 3                        |
|                 |            | 50      | 50        | 18.26                 | 18.16 | 18.27 | 18.28 | 19.00                               | 3                        |
|                 |            | 100     | 0         | 18.22                 | 18.19 | 18.11 | 18.23 | 19.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 18.16                 | 18.24 | 18.38 | 18.22 | 19.00                               | 3                        |
|                 |            | 1       | 50        | 18.04                 | 18.08 | 18.18 | 18.18 | 19.00                               | 3                        |
|                 |            | 1       | 99        | 18.07                 | 18.14 | 18.16 | 18.41 | 19.00                               | 3                        |
|                 |            | 50      | 0         | 17.11                 | 17.20 | 17.19 | 17.32 | 18.00                               | 4                        |
|                 |            | 50      | 25        | 16.98                 | 17.09 | 17.17 | 17.25 | 18.00                               | 4                        |
|                 |            | 50      | 50        | 17.16                 | 17.10 | 17.27 | 17.23 | 18.00                               | 4                        |
|                 |            | 100     | 0         | 16.96                 | 17.31 | 17.22 | 17.14 | 18.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3557.5                | 3608  | 3642  | 3692.5 |                                     |                          |
| Channel         |            |         |           | 55315                 | 55820 | 56160 | 56665  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 21.14                 | 21.23 | 21.31 | 21.30  | 22.00                               | 0                        |
|                 |            | 1       | 36        | 21.23                 | 21.16 | 20.95 | 20.98  | 22.00                               | 0                        |
|                 |            | 1       | 74        | 21.18                 | 20.89 | 21.17 | 21.10  | 22.00                               | 0                        |
|                 |            | 36      | 0         | 20.30                 | 20.18 | 20.03 | 20.29  | 21.00                               | 1                        |
|                 |            | 36      | 18        | 20.01                 | 20.04 | 20.18 | 20.25  | 21.00                               | 1                        |
|                 |            | 36      | 37        | 20.22                 | 19.98 | 20.12 | 20.10  | 21.00                               | 1                        |
|                 |            | 75      | 0         | 20.35                 | 20.24 | 20.30 | 20.26  | 21.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 19.92                 | 20.25 | 19.89 | 20.24  | 21.00                               | 1                        |
|                 |            | 1       | 36        | 20.25                 | 20.20 | 20.15 | 20.22  | 21.00                               | 1                        |
|                 |            | 1       | 74        | 19.91                 | 20.07 | 20.11 | 20.08  | 21.00                               | 1                        |
|                 |            | 36      | 0         | 19.07                 | 19.02 | 19.11 | 19.16  | 20.00                               | 2                        |
|                 |            | 36      | 18        | 19.00                 | 19.08 | 19.21 | 19.23  | 20.00                               | 2                        |
|                 |            | 36      | 37        | 19.09                 | 19.09 | 19.08 | 19.12  | 20.00                               | 2                        |
|                 |            | 75      | 0         | 18.95                 | 19.31 | 19.19 | 19.28  | 20.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 19.13                 | 19.02 | 19.00 | 19.16  | 20.00                               | 2                        |
|                 |            | 1       | 36        | 19.03                 | 19.16 | 19.17 | 19.02  | 20.00                               | 2                        |
|                 |            | 1       | 74        | 19.05                 | 19.15 | 19.21 | 19.17  | 20.00                               | 2                        |
|                 |            | 36      | 0         | 18.17                 | 17.97 | 18.08 | 18.00  | 19.00                               | 3                        |
|                 |            | 36      | 18        | 18.02                 | 18.04 | 18.01 | 18.12  | 19.00                               | 3                        |
|                 |            | 36      | 37        | 18.22                 | 18.11 | 18.14 | 18.14  | 19.00                               | 3                        |
|                 |            | 75      | 0         | 18.07                 | 18.04 | 18.10 | 18.22  | 19.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 18.01                 | 18.13 | 18.34 | 18.13  | 19.00                               | 3                        |
|                 |            | 1       | 36        | 17.86                 | 18.00 | 17.99 | 18.11  | 19.00                               | 3                        |
|                 |            | 1       | 74        | 18.07                 | 17.99 | 18.01 | 18.34  | 19.00                               | 3                        |
|                 |            | 36      | 0         | 16.99                 | 17.11 | 17.07 | 17.25  | 18.00                               | 4                        |
|                 |            | 36      | 18        | 16.85                 | 16.95 | 17.00 | 17.15  | 18.00                               | 4                        |
|                 |            | 36      | 37        | 17.11                 | 17.04 | 17.16 | 17.16  | 18.00                               | 4                        |
|                 |            | 75      | 0         | 16.91                 | 17.12 | 17.07 | 17.13  | 18.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3555                  | 3607.5 | 3642.5 | 3695  |                                     |                          |
| Channel         |            |         |           | 55290                 | 55815  | 56165  | 56690 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 21.19                 | 21.36  | 21.24  | 21.29 | 22.00                               | 0                        |
|                 |            | 1       | 25        | 21.22                 | 21.22  | 21.02  | 21.02 | 22.00                               | 0                        |
|                 |            | 1       | 49        | 21.18                 | 20.88  | 21.10  | 20.99 | 22.00                               | 0                        |
|                 |            | 25      | 0         | 20.30                 | 20.08  | 19.94  | 20.17 | 21.00                               | 1                        |
|                 |            | 25      | 12        | 20.04                 | 20.01  | 20.24  | 20.33 | 21.00                               | 1                        |
|                 |            | 25      | 25        | 20.27                 | 20.08  | 20.14  | 20.10 | 21.00                               | 1                        |
|                 |            | 50      | 0         | 20.35                 | 20.25  | 20.18  | 20.10 | 21.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 20.03                 | 20.14  | 20.05  | 20.20 | 21.00                               | 1                        |
|                 |            | 1       | 25        | 20.16                 | 20.25  | 20.18  | 20.18 | 21.00                               | 1                        |
|                 |            | 1       | 49        | 20.04                 | 20.14  | 20.20  | 20.12 | 21.00                               | 1                        |
|                 |            | 25      | 0         | 19.19                 | 19.08  | 19.08  | 19.08 | 20.00                               | 2                        |
|                 |            | 25      | 12        | 19.10                 | 18.98  | 19.27  | 19.08 | 20.00                               | 2                        |
|                 |            | 25      | 25        | 19.07                 | 19.13  | 19.15  | 19.20 | 20.00                               | 2                        |
|                 |            | 50      | 0         | 18.87                 | 19.31  | 19.22  | 19.35 | 20.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 19.15                 | 18.96  | 19.02  | 19.17 | 20.00                               | 2                        |
|                 |            | 1       | 25        | 19.00                 | 19.08  | 19.21  | 19.11 | 20.00                               | 2                        |
|                 |            | 1       | 49        | 18.98                 | 19.24  | 19.23  | 19.22 | 20.00                               | 2                        |
|                 |            | 25      | 0         | 18.28                 | 18.02  | 17.94  | 17.94 | 19.00                               | 3                        |
|                 |            | 25      | 12        | 18.07                 | 18.15  | 18.00  | 18.06 | 19.00                               | 3                        |
|                 |            | 25      | 25        | 18.16                 | 18.07  | 18.10  | 18.17 | 19.00                               | 3                        |
|                 |            | 50      | 0         | 18.15                 | 18.13  | 18.07  | 18.22 | 19.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 18.00                 | 18.23  | 18.30  | 18.13 | 19.00                               | 3                        |
|                 |            | 1       | 25        | 17.86                 | 17.90  | 18.10  | 18.09 | 19.00                               | 3                        |
|                 |            | 1       | 49        | 17.88                 | 18.10  | 18.06  | 18.33 | 19.00                               | 3                        |
|                 |            | 25      | 0         | 16.97                 | 17.10  | 17.03  | 17.15 | 18.00                               | 4                        |
|                 |            | 25      | 12        | 16.81                 | 16.95  | 17.08  | 17.10 | 18.00                               | 4                        |
|                 |            | 25      | 25        | 16.97                 | 17.08  | 17.22  | 17.17 | 18.00                               | 4                        |
|                 |            | 50      | 0         | 16.82                 | 17.12  | 17.18  | 17.09 | 18.00                               | 4                        |

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| LTE Band 48     |            |         |           |                       |       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3552.5                | 3607  | 3643  | 3697.5 |                                     |                          |
| Channel         |            |         |           | 55265                 | 55810 | 56170 | 56715  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 21.15                 | 21.31 | 21.25 | 21.42  | 22.00                               | 0                        |
|                 |            | 1       | 12        | 21.25                 | 21.13 | 21.11 | 20.94  | 22.00                               | 0                        |
|                 |            | 1       | 24        | 21.19                 | 20.94 | 21.00 | 21.04  | 22.00                               | 0                        |
|                 |            | 12      | 0         | 20.16                 | 20.13 | 20.05 | 20.19  | 21.00                               | 1                        |
|                 |            | 12      | 6         | 19.96                 | 20.00 | 20.25 | 20.19  | 21.00                               | 1                        |
|                 |            | 12      | 13        | 20.15                 | 20.03 | 20.12 | 20.14  | 21.00                               | 1                        |
|                 |            | 25      | 0         | 20.29                 | 20.16 | 20.17 | 20.19  | 21.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 20.05                 | 20.24 | 19.89 | 20.17  | 21.00                               | 1                        |
|                 |            | 1       | 12        | 20.15                 | 20.25 | 20.18 | 20.13  | 21.00                               | 1                        |
|                 |            | 1       | 24        | 19.90                 | 20.14 | 20.18 | 20.17  | 21.00                               | 1                        |
|                 |            | 12      | 0         | 19.18                 | 19.04 | 19.11 | 19.16  | 20.00                               | 2                        |
|                 |            | 12      | 6         | 19.05                 | 18.97 | 19.25 | 19.24  | 20.00                               | 2                        |
|                 |            | 12      | 13        | 18.96                 | 19.25 | 19.13 | 19.12  | 20.00                               | 2                        |
|                 |            | 25      | 0         | 18.95                 | 19.22 | 19.05 | 19.32  | 20.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 19.12                 | 19.03 | 18.99 | 19.14  | 20.00                               | 2                        |
|                 |            | 1       | 12        | 19.05                 | 19.07 | 19.30 | 19.01  | 20.00                               | 2                        |
|                 |            | 1       | 24        | 19.07                 | 19.21 | 19.19 | 19.20  | 20.00                               | 2                        |
|                 |            | 12      | 0         | 18.19                 | 17.96 | 17.99 | 18.02  | 19.00                               | 3                        |
|                 |            | 12      | 6         | 18.09                 | 17.99 | 18.02 | 18.03  | 19.00                               | 3                        |
|                 |            | 12      | 13        | 18.23                 | 18.09 | 18.26 | 18.17  | 19.00                               | 3                        |
|                 |            | 25      | 0         | 18.20                 | 18.14 | 17.94 | 18.23  | 19.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 18.13                 | 18.12 | 18.32 | 18.13  | 19.00                               | 3                        |
|                 |            | 1       | 12        | 17.87                 | 18.08 | 18.03 | 18.03  | 19.00                               | 3                        |
|                 |            | 1       | 24        | 17.97                 | 18.00 | 17.99 | 18.23  | 19.00                               | 3                        |
|                 |            | 12      | 0         | 16.95                 | 17.05 | 17.08 | 17.18  | 18.00                               | 4                        |
|                 |            | 12      | 6         | 16.88                 | 16.91 | 17.04 | 17.15  | 18.00                               | 4                        |
|                 |            | 12      | 13        | 16.98                 | 17.09 | 17.27 | 17.08  | 18.00                               | 4                        |
|                 |            | 25      | 0         | 16.78                 | 17.12 | 17.15 | 17.06  | 18.00                               | 4                        |

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## Tablet mode

### Ant5

| LTE Band 41_PC3 |            |         |           |                       |        |       |        |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|-------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2506                  | 2549.5 | 2593  | 2636.5 | 2680  |                                     |                          |
| Channel         |            |         |           | 39750                 | 40185  | 40620 | 41055  | 41490 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 15.13                 | 14.72  | 14.80 | 14.59  | 14.64 | 15.50                               | 0                        |
|                 |            | 1       | 50        | 14.96                 | 14.44  | 14.66 | 14.47  | 14.36 | 15.50                               | 0                        |
|                 |            | 1       | 99        | 14.98                 | 14.61  | 14.72 | 14.46  | 14.44 | 15.50                               | 0                        |
|                 |            | 50      | 0         | 13.84                 | 13.52  | 13.56 | 13.42  | 13.49 | 14.50                               | 1                        |
|                 |            | 50      | 25        | 14.09                 | 13.54  | 13.70 | 13.52  | 13.58 | 14.50                               | 1                        |
|                 |            | 50      | 50        | 13.90                 | 13.52  | 13.58 | 13.49  | 13.51 | 14.50                               | 1                        |
|                 |            | 100     | 0         | 14.03                 | 13.58  | 13.63 | 13.52  | 13.42 | 14.50                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 14.02                 | 13.64  | 13.60 | 13.40  | 13.36 | 14.50                               | 1                        |
|                 |            | 1       | 50        | 13.97                 | 13.66  | 13.73 | 13.33  | 13.52 | 14.50                               | 1                        |
|                 |            | 1       | 99        | 14.10                 | 13.61  | 13.67 | 13.45  | 13.59 | 14.50                               | 1                        |
|                 |            | 50      | 0         | 12.92                 | 12.65  | 12.55 | 12.43  | 12.43 | 13.50                               | 2                        |
|                 |            | 50      | 25        | 12.96                 | 12.55  | 12.74 | 12.35  | 12.41 | 13.50                               | 2                        |
|                 |            | 50      | 50        | 12.86                 | 12.56  | 12.61 | 12.44  | 12.48 | 13.50                               | 2                        |
|                 |            | 100     | 0         | 12.95                 | 12.55  | 12.65 | 12.43  | 12.38 | 13.50                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 13.06                 | 12.42  | 12.74 | 12.36  | 12.40 | 13.50                               | 2                        |
|                 |            | 1       | 50        | 12.98                 | 12.55  | 12.55 | 12.45  | 12.40 | 13.50                               | 2                        |
|                 |            | 1       | 99        | 12.95                 | 12.54  | 12.57 | 12.46  | 12.39 | 13.50                               | 2                        |
|                 |            | 50      | 0         | 12.01                 | 11.47  | 11.68 | 11.44  | 11.44 | 12.50                               | 3                        |
|                 |            | 50      | 25        | 12.04                 | 11.42  | 11.67 | 11.37  | 11.42 | 12.50                               | 3                        |
|                 |            | 50      | 50        | 12.06                 | 11.56  | 11.62 | 11.55  | 11.62 | 12.50                               | 3                        |
|                 |            | 100     | 0         | 11.93                 | 11.58  | 11.52 | 11.43  | 11.39 | 12.50                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 11.97                 | 11.68  | 11.71 | 11.34  | 11.49 | 12.50                               | 3                        |
|                 |            | 1       | 50        | 11.92                 | 11.55  | 11.67 | 11.48  | 11.43 | 12.50                               | 3                        |
|                 |            | 1       | 99        | 12.04                 | 11.58  | 11.70 | 11.39  | 11.45 | 12.50                               | 3                        |
|                 |            | 50      | 0         | 10.93                 | 10.51  | 10.74 | 10.43  | 10.51 | 11.50                               | 4                        |
|                 |            | 50      | 25        | 11.03                 | 10.67  | 10.51 | 10.42  | 10.50 | 11.50                               | 4                        |
|                 |            | 50      | 50        | 11.04                 | 10.56  | 10.61 | 10.41  | 10.53 | 11.50                               | 4                        |
|                 |            | 100     | 0         | 10.91                 | 10.60  | 10.68 | 10.43  | 10.47 | 11.50                               | 4                        |

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| LTE Band 41_PC3 |            |         |           |                       |        |       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|-------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2503.5                | 2548.3 | 2593  | 2637.8 | 2682.5 |                                     |                          |
| Channel         |            |         |           | 39725                 | 40173  | 40620 | 41068  | 41515  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 15.04                 | 14.58  | 14.61 | 14.43  | 14.36  | 15.50                               | 0                        |
|                 |            | 1       | 36        | 14.91                 | 14.50  | 14.57 | 14.53  | 14.57  | 15.50                               | 0                        |
|                 |            | 1       | 74        | 14.98                 | 14.67  | 14.53 | 14.50  | 14.51  | 15.50                               | 0                        |
|                 |            | 36      | 0         | 13.97                 | 13.59  | 13.66 | 13.49  | 13.51  | 14.50                               | 1                        |
|                 |            | 36      | 18        | 13.87                 | 13.61  | 13.64 | 13.41  | 13.47  | 14.50                               | 1                        |
|                 |            | 36      | 37        | 14.03                 | 13.57  | 13.57 | 13.44  | 13.42  | 14.50                               | 1                        |
|                 |            | 75      | 0         | 13.90                 | 13.51  | 13.71 | 13.50  | 13.42  | 14.50                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 14.07                 | 13.55  | 13.60 | 13.36  | 13.42  | 14.50                               | 1                        |
|                 |            | 1       | 36        | 13.94                 | 13.64  | 13.63 | 13.41  | 13.56  | 14.50                               | 1                        |
|                 |            | 1       | 74        | 14.00                 | 13.57  | 13.70 | 13.37  | 13.43  | 14.50                               | 1                        |
|                 |            | 36      | 0         | 13.00                 | 12.53  | 12.60 | 12.44  | 12.50  | 13.50                               | 2                        |
|                 |            | 36      | 18        | 13.03                 | 12.54  | 12.73 | 12.39  | 12.48  | 13.50                               | 2                        |
|                 |            | 36      | 37        | 13.08                 | 12.61  | 12.71 | 12.37  | 12.50  | 13.50                               | 2                        |
|                 |            | 75      | 0         | 13.08                 | 12.53  | 12.60 | 12.44  | 12.53  | 13.50                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 13.01                 | 12.54  | 12.62 | 12.34  | 12.51  | 13.50                               | 2                        |
|                 |            | 1       | 36        | 13.02                 | 12.57  | 12.64 | 12.56  | 12.57  | 13.50                               | 2                        |
|                 |            | 1       | 74        | 12.90                 | 12.67  | 12.78 | 12.44  | 12.53  | 13.50                               | 2                        |
|                 |            | 36      | 0         | 11.91                 | 11.55  | 11.60 | 11.45  | 11.47  | 12.50                               | 3                        |
|                 |            | 36      | 18        | 11.95                 | 11.59  | 11.61 | 11.50  | 11.48  | 12.50                               | 3                        |
|                 |            | 36      | 37        | 12.05                 | 11.61  | 11.57 | 11.47  | 11.54  | 12.50                               | 3                        |
|                 |            | 75      | 0         | 11.99                 | 11.57  | 11.60 | 11.50  | 11.52  | 12.50                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 12.02                 | 11.51  | 11.60 | 11.49  | 11.46  | 12.50                               | 3                        |
|                 |            | 1       | 36        | 11.94                 | 11.58  | 11.76 | 11.33  | 11.38  | 12.50                               | 3                        |
|                 |            | 1       | 74        | 11.96                 | 11.59  | 11.61 | 11.35  | 11.47  | 12.50                               | 3                        |
|                 |            | 36      | 0         | 10.95                 | 10.61  | 10.62 | 10.46  | 10.42  | 11.50                               | 4                        |
|                 |            | 36      | 18        | 11.03                 | 10.50  | 10.67 | 10.47  | 10.49  | 11.50                               | 4                        |
|                 |            | 36      | 37        | 10.96                 | 10.51  | 10.61 | 10.37  | 10.49  | 11.50                               | 4                        |
|                 |            | 75      | 0         | 10.95                 | 10.57  | 10.64 | 10.46  | 10.52  | 11.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2501                  | 2547  | 2593  | 2639  | 2685  |                                     |                          |
| Channel         |            |         |           | 39700                 | 40160 | 40620 | 41080 | 41540 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 14.93                 | 14.61 | 14.57 | 14.46 | 14.43 | 15.50                               | 0                        |
|                 |            | 1       | 25        | 14.97                 | 14.56 | 14.64 | 14.40 | 14.42 | 15.50                               | 0                        |
|                 |            | 1       | 49        | 14.89                 | 14.59 | 14.75 | 14.33 | 14.49 | 15.50                               | 0                        |
|                 |            | 25      | 0         | 14.01                 | 13.57 | 13.56 | 13.45 | 13.55 | 14.50                               | 1                        |
|                 |            | 25      | 12        | 13.89                 | 13.53 | 13.71 | 13.44 | 13.36 | 14.50                               | 1                        |
|                 |            | 25      | 25        | 13.91                 | 13.48 | 13.56 | 13.43 | 13.53 | 14.50                               | 1                        |
|                 |            | 50      | 0         | 13.99                 | 13.55 | 13.67 | 13.43 | 13.60 | 14.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 13.94                 | 13.54 | 13.69 | 13.40 | 13.47 | 14.50                               | 1                        |
|                 |            | 1       | 25        | 13.88                 | 13.63 | 13.66 | 13.36 | 13.51 | 14.50                               | 1                        |
|                 |            | 1       | 49        | 13.98                 | 13.49 | 13.54 | 13.54 | 13.59 | 14.50                               | 1                        |
|                 |            | 25      | 0         | 12.98                 | 12.56 | 12.60 | 12.52 | 12.41 | 13.50                               | 2                        |
|                 |            | 25      | 12        | 12.94                 | 12.62 | 12.67 | 12.49 | 12.49 | 13.50                               | 2                        |
|                 |            | 25      | 25        | 13.02                 | 12.57 | 12.70 | 12.47 | 12.48 | 13.50                               | 2                        |
|                 |            | 50      | 0         | 12.88                 | 12.59 | 12.64 | 12.41 | 12.55 | 13.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 13.05                 | 12.55 | 12.67 | 12.52 | 12.52 | 13.50                               | 2                        |
|                 |            | 1       | 25        | 12.96                 | 12.68 | 12.57 | 12.51 | 12.54 | 13.50                               | 2                        |
|                 |            | 1       | 49        | 12.94                 | 12.46 | 12.52 | 12.45 | 12.43 | 13.50                               | 2                        |
|                 |            | 25      | 0         | 11.92                 | 11.43 | 11.76 | 11.44 | 11.53 | 12.50                               | 3                        |
|                 |            | 25      | 12        | 12.03                 | 11.69 | 11.54 | 11.39 | 11.47 | 12.50                               | 3                        |
|                 |            | 25      | 25        | 11.94                 | 11.60 | 11.63 | 11.45 | 11.58 | 12.50                               | 3                        |
|                 |            | 50      | 0         | 12.04                 | 11.55 | 11.67 | 11.45 | 11.57 | 12.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 11.98                 | 11.56 | 11.65 | 11.35 | 11.49 | 12.50                               | 3                        |
|                 |            | 1       | 25        | 12.05                 | 11.62 | 11.75 | 11.47 | 11.47 | 12.50                               | 3                        |
|                 |            | 1       | 49        | 11.89                 | 11.54 | 11.57 | 11.48 | 11.46 | 12.50                               | 3                        |
|                 |            | 25      | 0         | 10.94                 | 10.54 | 10.59 | 10.36 | 10.50 | 11.50                               | 4                        |
|                 |            | 25      | 12        | 10.95                 | 10.51 | 10.60 | 10.43 | 10.43 | 11.50                               | 4                        |
|                 |            | 25      | 25        | 10.98                 | 10.49 | 10.67 | 10.53 | 10.43 | 11.50                               | 4                        |
|                 |            | 50      | 0         | 10.97                 | 10.59 | 10.57 | 10.36 | 10.47 | 11.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|-------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2498.5                | 2545.8 | 2593  | 2640.3 | 2687.5 |                                     |                          |
| Channel         |            |         |           | 39675                 | 40148  | 40620 | 41093  | 41565  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 14.97                 | 14.48  | 14.69 | 14.48  | 14.56  | 15.50                               | 0                        |
|                 |            | 1       | 12        | 14.94                 | 14.61  | 14.64 | 14.45  | 14.50  | 15.50                               | 0                        |
|                 |            | 1       | 24        | 14.83                 | 14.63  | 14.69 | 14.44  | 14.44  | 15.50                               | 0                        |
|                 |            | 12      | 0         | 13.99                 | 13.58  | 13.59 | 13.39  | 13.49  | 14.50                               | 1                        |
|                 |            | 12      | 6         | 13.98                 | 13.50  | 13.62 | 13.34  | 13.54  | 14.50                               | 1                        |
|                 |            | 12      | 13        | 13.98                 | 13.55  | 13.58 | 13.36  | 13.51  | 14.50                               | 1                        |
|                 |            | 25      | 0         | 14.06                 | 13.59  | 13.60 | 13.44  | 13.53  | 14.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 13.95                 | 13.61  | 13.52 | 13.45  | 13.42  | 14.50                               | 1                        |
|                 |            | 1       | 12        | 13.89                 | 13.55  | 13.65 | 13.35  | 13.48  | 14.50                               | 1                        |
|                 |            | 1       | 24        | 13.94                 | 13.61  | 13.73 | 13.42  | 13.46  | 14.50                               | 1                        |
|                 |            | 12      | 0         | 13.07                 | 12.64  | 12.64 | 12.51  | 12.43  | 13.50                               | 2                        |
|                 |            | 12      | 6         | 12.99                 | 12.57  | 12.63 | 12.41  | 12.45  | 13.50                               | 2                        |
|                 |            | 12      | 13        | 13.09                 | 12.52  | 12.69 | 12.40  | 12.38  | 13.50                               | 2                        |
|                 |            | 25      | 0         | 12.98                 | 12.58  | 12.65 | 12.36  | 12.50  | 13.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 13.03                 | 12.69  | 12.71 | 12.37  | 12.54  | 13.50                               | 2                        |
|                 |            | 1       | 12        | 13.00                 | 12.61  | 12.76 | 12.51  | 12.49  | 13.50                               | 2                        |
|                 |            | 1       | 24        | 12.93                 | 12.47  | 12.61 | 12.52  | 12.59  | 13.50                               | 2                        |
|                 |            | 12      | 0         | 11.91                 | 11.61  | 11.60 | 11.44  | 11.50  | 12.50                               | 3                        |
|                 |            | 12      | 6         | 11.95                 | 11.57  | 11.63 | 11.49  | 11.50  | 12.50                               | 3                        |
|                 |            | 12      | 13        | 11.90                 | 11.57  | 11.71 | 11.54  | 11.47  | 12.50                               | 3                        |
|                 |            | 25      | 0         | 11.99                 | 11.52  | 11.71 | 11.46  | 11.44  | 12.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 11.99                 | 11.48  | 11.78 | 11.44  | 11.46  | 12.50                               | 3                        |
|                 |            | 1       | 12        | 11.88                 | 11.65  | 11.52 | 11.33  | 11.54  | 12.50                               | 3                        |
|                 |            | 1       | 24        | 11.98                 | 11.47  | 11.64 | 11.53  | 11.50  | 12.50                               | 3                        |
|                 |            | 12      | 0         | 11.10                 | 10.59  | 10.68 | 10.36  | 10.57  | 11.50                               | 4                        |
|                 |            | 12      | 6         | 10.99                 | 10.65  | 10.61 | 10.49  | 10.41  | 11.50                               | 4                        |
|                 |            | 12      | 13        | 11.06                 | 10.58  | 10.70 | 10.37  | 10.53  | 11.50                               | 4                        |
|                 |            | 25      | 0         | 11.03                 | 10.53  | 10.68 | 10.37  | 10.46  | 11.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3460                  | 3500  | 3540  |                                     |                          |
| Channel           |            |         |           | 42190                 | 42590 | 42990 |                                     |                          |
| 20                | QPSK       | 1       | 0         | 14.28                 | 14.34 | 14.35 | 14.50                               | 0                        |
|                   |            | 1       | 50        | 14.22                 | 14.06 | 14.31 | 14.50                               | 0                        |
|                   |            | 1       | 99        | 14.07                 | 14.12 | 14.30 | 14.50                               | 0                        |
|                   |            | 50      | 0         | 13.13                 | 13.11 | 13.28 | 13.50                               | 1                        |
|                   |            | 50      | 25        | 13.15                 | 13.21 | 13.20 | 13.50                               | 1                        |
|                   |            | 50      | 50        | 13.11                 | 13.26 | 13.11 | 13.50                               | 1                        |
|                   |            | 100     | 0         | 13.04                 | 13.27 | 13.15 | 13.50                               | 1                        |
| 20                | 16-QAM     | 1       | 0         | 13.21                 | 13.24 | 13.15 | 13.50                               | 1                        |
|                   |            | 1       | 50        | 13.05                 | 13.19 | 13.27 | 13.50                               | 1                        |
|                   |            | 1       | 99        | 13.10                 | 13.22 | 13.22 | 13.50                               | 1                        |
|                   |            | 50      | 0         | 12.15                 | 12.31 | 12.27 | 12.50                               | 2                        |
|                   |            | 50      | 25        | 12.18                 | 12.25 | 12.23 | 12.50                               | 2                        |
|                   |            | 50      | 50        | 12.06                 | 12.18 | 12.24 | 12.50                               | 2                        |
|                   |            | 100     | 0         | 12.14                 | 12.19 | 12.24 | 12.50                               | 2                        |
| 20                | 64-QAM     | 1       | 0         | 12.01                 | 12.14 | 12.30 | 12.50                               | 2                        |
|                   |            | 1       | 50        | 12.16                 | 12.16 | 12.14 | 12.50                               | 2                        |
|                   |            | 1       | 99        | 12.11                 | 12.26 | 12.10 | 12.50                               | 2                        |
|                   |            | 50      | 0         | 11.09                 | 11.06 | 11.33 | 11.50                               | 3                        |
|                   |            | 50      | 25        | 11.17                 | 11.15 | 11.21 | 11.50                               | 3                        |
|                   |            | 50      | 50        | 11.05                 | 11.21 | 11.24 | 11.50                               | 3                        |
|                   |            | 100     | 0         | 11.17                 | 11.08 | 11.11 | 11.50                               | 3                        |
| 20                | 256-QAM    | 1       | 0         | 11.13                 | 11.22 | 11.09 | 11.50                               | 3                        |
|                   |            | 1       | 50        | 11.05                 | 11.15 | 11.21 | 11.50                               | 3                        |
|                   |            | 1       | 99        | 11.00                 | 11.28 | 11.12 | 11.50                               | 3                        |
|                   |            | 50      | 0         | 10.07                 | 10.30 | 10.19 | 10.50                               | 4                        |
|                   |            | 50      | 25        | 10.12                 | 10.20 | 10.13 | 10.50                               | 4                        |
|                   |            | 50      | 50        | 10.09                 | 10.22 | 10.22 | 10.50                               | 4                        |
|                   |            | 100     | 0         | 10.14                 | 10.24 | 10.32 | 10.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3457.5                | 3500  | 3542.5 |                                     |                          |
| Channel           |            |         |           | 42165                 | 42590 | 43015  |                                     |                          |
| 15                | QPSK       | 1       | 0         | 14.07                 | 14.08 | 14.19  | 14.50                               | 0                        |
|                   |            | 1       | 36        | 14.08                 | 14.20 | 14.10  | 14.50                               | 0                        |
|                   |            | 1       | 74        | 14.14                 | 14.15 | 14.20  | 14.50                               | 0                        |
|                   |            | 36      | 0         | 13.18                 | 13.18 | 13.20  | 13.50                               | 1                        |
|                   |            | 36      | 18        | 13.07                 | 13.25 | 13.19  | 13.50                               | 1                        |
|                   |            | 36      | 37        | 13.06                 | 13.28 | 13.11  | 13.50                               | 1                        |
|                   |            | 75      | 0         | 13.03                 | 13.14 | 13.26  | 13.50                               | 1                        |
| 15                | 16-QAM     | 1       | 0         | 13.10                 | 13.18 | 13.21  | 13.50                               | 1                        |
|                   |            | 1       | 36        | 13.03                 | 13.10 | 13.16  | 13.50                               | 1                        |
|                   |            | 1       | 74        | 13.06                 | 13.12 | 13.20  | 13.50                               | 1                        |
|                   |            | 36      | 0         | 12.25                 | 12.14 | 12.13  | 12.50                               | 2                        |
|                   |            | 36      | 18        | 12.09                 | 12.08 | 12.19  | 12.50                               | 2                        |
|                   |            | 36      | 37        | 12.17                 | 12.21 | 12.11  | 12.50                               | 2                        |
|                   |            | 75      | 0         | 12.17                 | 12.15 | 12.22  | 12.50                               | 2                        |
| 15                | 64-QAM     | 1       | 0         | 12.14                 | 12.23 | 12.30  | 12.50                               | 2                        |
|                   |            | 1       | 36        | 12.08                 | 12.10 | 12.08  | 12.50                               | 2                        |
|                   |            | 1       | 74        | 12.10                 | 12.08 | 12.28  | 12.50                               | 2                        |
|                   |            | 36      | 0         | 11.09                 | 11.16 | 11.20  | 11.50                               | 3                        |
|                   |            | 36      | 18        | 11.21                 | 11.21 | 11.14  | 11.50                               | 3                        |
|                   |            | 36      | 37        | 11.16                 | 11.20 | 11.22  | 11.50                               | 3                        |
|                   |            | 75      | 0         | 11.08                 | 11.20 | 11.20  | 11.50                               | 3                        |
| 15                | 256-QAM    | 1       | 0         | 11.18                 | 11.23 | 11.31  | 11.50                               | 3                        |
|                   |            | 1       | 36        | 11.12                 | 11.13 | 11.32  | 11.50                               | 3                        |
|                   |            | 1       | 74        | 11.17                 | 11.24 | 11.21  | 11.50                               | 3                        |
|                   |            | 36      | 0         | 10.14                 | 10.20 | 10.27  | 10.50                               | 4                        |
|                   |            | 36      | 18        | 10.11                 | 10.25 | 10.30  | 10.50                               | 4                        |
|                   |            | 36      | 37        | 10.18                 | 10.21 | 10.20  | 10.50                               | 4                        |
|                   |            | 75      | 0         | 10.10                 | 10.22 | 10.27  | 10.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3455                  | 3500  | 3545  |                                     |                          |
| Channel           |            |         |           | 42140                 | 42590 | 43040 |                                     |                          |
| 10                | QPSK       | 1       | 0         | 14.02                 | 14.12 | 14.19 | 14.50                               | 0                        |
|                   |            | 1       | 25        | 14.24                 | 14.14 | 14.27 | 14.50                               | 0                        |
|                   |            | 1       | 49        | 14.21                 | 14.18 | 14.23 | 14.50                               | 0                        |
|                   |            | 25      | 0         | 13.10                 | 13.24 | 13.28 | 13.50                               | 1                        |
|                   |            | 25      | 12        | 12.99                 | 13.15 | 13.19 | 13.50                               | 1                        |
|                   |            | 25      | 25        | 13.10                 | 13.12 | 13.20 | 13.50                               | 1                        |
|                   |            | 50      | 0         | 13.10                 | 13.19 | 13.23 | 13.50                               | 1                        |
| 10                | 16-QAM     | 1       | 0         | 13.06                 | 13.25 | 13.23 | 13.50                               | 1                        |
|                   |            | 1       | 25        | 13.19                 | 13.14 | 13.22 | 13.50                               | 1                        |
|                   |            | 1       | 49        | 13.13                 | 13.29 | 13.13 | 13.50                               | 1                        |
|                   |            | 25      | 0         | 11.99                 | 12.15 | 12.19 | 12.50                               | 2                        |
|                   |            | 25      | 12        | 12.04                 | 12.29 | 12.23 | 12.50                               | 2                        |
|                   |            | 25      | 25        | 12.11                 | 12.13 | 12.21 | 12.50                               | 2                        |
|                   |            | 50      | 0         | 12.12                 | 12.18 | 12.19 | 12.50                               | 2                        |
| 10                | 64-QAM     | 1       | 0         | 12.04                 | 12.27 | 12.07 | 12.50                               | 2                        |
|                   |            | 1       | 25        | 12.02                 | 12.17 | 12.22 | 12.50                               | 2                        |
|                   |            | 1       | 49        | 12.08                 | 12.21 | 12.12 | 12.50                               | 2                        |
|                   |            | 25      | 0         | 11.10                 | 11.10 | 11.18 | 11.50                               | 3                        |
|                   |            | 25      | 12        | 11.02                 | 11.29 | 11.32 | 11.50                               | 3                        |
|                   |            | 25      | 25        | 11.13                 | 11.23 | 11.26 | 11.50                               | 3                        |
|                   |            | 50      | 0         | 11.13                 | 11.22 | 11.25 | 11.50                               | 3                        |
| 10                | 256-QAM    | 1       | 0         | 11.09                 | 11.24 | 11.17 | 11.50                               | 3                        |
|                   |            | 1       | 25        | 11.02                 | 11.10 | 11.21 | 11.50                               | 3                        |
|                   |            | 1       | 49        | 11.10                 | 11.23 | 11.17 | 11.50                               | 3                        |
|                   |            | 25      | 0         | 10.21                 | 10.22 | 10.20 | 10.50                               | 4                        |
|                   |            | 25      | 12        | 10.10                 | 10.14 | 10.20 | 10.50                               | 4                        |
|                   |            | 25      | 25        | 10.12                 | 10.06 | 10.32 | 10.50                               | 4                        |
|                   |            | 50      | 0         | 10.11                 | 10.28 | 10.24 | 10.50                               | 4                        |

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| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3452.5                | 3500  | 3547.5 |                                     |                          |
| Channel           |            |         |           | 42115                 | 42590 | 43065  |                                     |                          |
| 5                 | QPSK       | 1       | 0         | 14.15                 | 14.20 | 14.25  | 14.50                               | 0                        |
|                   |            | 1       | 12        | 14.11                 | 14.24 | 14.08  | 14.50                               | 0                        |
|                   |            | 1       | 24        | 14.13                 | 14.22 | 14.21  | 14.50                               | 0                        |
|                   |            | 12      | 0         | 13.11                 | 13.26 | 13.18  | 13.50                               | 1                        |
|                   |            | 12      | 6         | 13.05                 | 13.13 | 13.30  | 13.50                               | 1                        |
|                   |            | 12      | 13        | 13.13                 | 13.15 | 13.24  | 13.50                               | 1                        |
|                   |            | 25      | 0         | 13.12                 | 13.27 | 13.24  | 13.50                               | 1                        |
| 5                 | 16-QAM     | 1       | 0         | 13.10                 | 13.19 | 13.13  | 13.50                               | 1                        |
|                   |            | 1       | 12        | 13.06                 | 13.13 | 13.22  | 13.50                               | 1                        |
|                   |            | 1       | 24        | 13.13                 | 13.20 | 13.22  | 13.50                               | 1                        |
|                   |            | 12      | 0         | 12.12                 | 12.19 | 12.21  | 12.50                               | 2                        |
|                   |            | 12      | 6         | 12.06                 | 12.28 | 12.18  | 12.50                               | 2                        |
|                   |            | 12      | 13        | 12.07                 | 12.11 | 12.16  | 12.50                               | 2                        |
|                   |            | 25      | 0         | 12.15                 | 12.13 | 12.17  | 12.50                               | 2                        |
| 5                 | 64-QAM     | 1       | 0         | 12.06                 | 12.17 | 12.29  | 12.50                               | 2                        |
|                   |            | 1       | 12        | 11.98                 | 12.29 | 12.20  | 12.50                               | 2                        |
|                   |            | 1       | 24        | 12.16                 | 12.28 | 12.16  | 12.50                               | 2                        |
|                   |            | 12      | 0         | 11.17                 | 11.26 | 11.21  | 11.50                               | 3                        |
|                   |            | 12      | 6         | 11.09                 | 11.22 | 11.18  | 11.50                               | 3                        |
|                   |            | 12      | 13        | 11.24                 | 11.16 | 11.17  | 11.50                               | 3                        |
|                   |            | 25      | 0         | 11.08                 | 11.23 | 11.33  | 11.50                               | 3                        |
| 5                 | 256-QAM    | 1       | 0         | 11.23                 | 11.16 | 11.10  | 11.50                               | 3                        |
|                   |            | 1       | 12        | 11.00                 | 11.14 | 11.22  | 11.50                               | 3                        |
|                   |            | 1       | 24        | 11.07                 | 11.26 | 11.28  | 11.50                               | 3                        |
|                   |            | 12      | 0         | 10.19                 | 10.18 | 10.18  | 10.50                               | 4                        |
|                   |            | 12      | 6         | 10.19                 | 10.19 | 10.09  | 10.50                               | 4                        |
|                   |            | 12      | 13        | 10.24                 | 10.27 | 10.25  | 10.50                               | 4                        |
|                   |            | 25      | 0         | 10.18                 | 10.26 | 10.25  | 10.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3560                  | 3575  | 3590  |                                     |                          |
| Channel           |            |         |           | 43190                 | 43340 | 43490 |                                     |                          |
| 20                | QPSK       | 1       | 0         | 14.47                 | 14.42 | 14.36 | 14.50                               | 0                        |
|                   |            | 1       | 50        | 14.28                 | 14.30 | 14.11 | 14.50                               | 0                        |
|                   |            | 1       | 99        | 14.20                 | 14.26 | 14.23 | 14.50                               | 0                        |
|                   |            | 50      | 0         | 13.23                 | 13.29 | 13.26 | 13.50                               | 1                        |
|                   |            | 50      | 25        | 13.37                 | 13.28 | 13.20 | 13.50                               | 1                        |
|                   |            | 50      | 50        | 13.38                 | 13.34 | 13.21 | 13.50                               | 1                        |
|                   |            | 100     | 0         | 13.25                 | 13.24 | 13.32 | 13.50                               | 1                        |
| 20                | 16-QAM     | 1       | 0         | 13.32                 | 13.26 | 13.07 | 13.50                               | 1                        |
|                   |            | 1       | 50        | 13.25                 | 13.25 | 13.30 | 13.50                               | 1                        |
|                   |            | 1       | 99        | 13.36                 | 13.25 | 13.22 | 13.50                               | 1                        |
|                   |            | 50      | 0         | 12.21                 | 12.29 | 12.12 | 12.50                               | 2                        |
|                   |            | 50      | 25        | 12.38                 | 12.21 | 12.26 | 12.50                               | 2                        |
|                   |            | 50      | 50        | 12.27                 | 12.28 | 12.19 | 12.50                               | 2                        |
|                   |            | 100     | 0         | 12.30                 | 12.16 | 12.27 | 12.50                               | 2                        |
| 20                | 64-QAM     | 1       | 0         | 12.23                 | 12.31 | 12.27 | 12.50                               | 2                        |
|                   |            | 1       | 50        | 12.32                 | 12.22 | 12.24 | 12.50                               | 2                        |
|                   |            | 1       | 99        | 12.30                 | 12.36 | 12.24 | 12.50                               | 2                        |
|                   |            | 50      | 0         | 11.32                 | 11.31 | 11.31 | 11.50                               | 3                        |
|                   |            | 50      | 25        | 11.42                 | 11.27 | 11.22 | 11.50                               | 3                        |
|                   |            | 50      | 50        | 11.30                 | 11.23 | 11.19 | 11.50                               | 3                        |
|                   |            | 100     | 0         | 11.29                 | 11.18 | 11.23 | 11.50                               | 3                        |
| 20                | 256-QAM    | 1       | 0         | 11.36                 | 11.28 | 11.23 | 11.50                               | 3                        |
|                   |            | 1       | 50        | 11.33                 | 11.31 | 11.17 | 11.50                               | 3                        |
|                   |            | 1       | 99        | 11.37                 | 11.31 | 11.12 | 11.50                               | 3                        |
|                   |            | 50      | 0         | 10.39                 | 10.33 | 10.13 | 10.50                               | 4                        |
|                   |            | 50      | 25        | 10.26                 | 10.21 | 10.12 | 10.50                               | 4                        |
|                   |            | 50      | 50        | 10.35                 | 10.25 | 10.12 | 10.50                               | 4                        |
|                   |            | 100     | 0         | 10.25                 | 10.16 | 10.08 | 10.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3557.5                | 3575  | 3592.5 |                                     |                          |
| Channel           |            |         |           | 43165                 | 43340 | 43515  |                                     |                          |
| 15                | QPSK       | 1       | 0         | 14.25                 | 14.29 | 14.30  | 14.50                               | 0                        |
|                   |            | 1       | 36        | 14.37                 | 14.36 | 14.27  | 14.50                               | 0                        |
|                   |            | 1       | 74        | 14.39                 | 14.29 | 14.27  | 14.50                               | 0                        |
|                   |            | 36      | 0         | 13.35                 | 13.27 | 13.23  | 13.50                               | 1                        |
|                   |            | 36      | 18        | 13.31                 | 13.16 | 13.15  | 13.50                               | 1                        |
|                   |            | 36      | 37        | 13.31                 | 13.21 | 13.16  | 13.50                               | 1                        |
|                   |            | 75      | 0         | 13.36                 | 13.32 | 13.18  | 13.50                               | 1                        |
| 15                | 16-QAM     | 1       | 0         | 13.26                 | 13.32 | 13.28  | 13.50                               | 1                        |
|                   |            | 1       | 36        | 13.24                 | 13.20 | 13.29  | 13.50                               | 1                        |
|                   |            | 1       | 74        | 13.23                 | 13.30 | 13.28  | 13.50                               | 1                        |
|                   |            | 36      | 0         | 12.22                 | 12.35 | 12.20  | 12.50                               | 2                        |
|                   |            | 36      | 18        | 12.39                 | 12.22 | 12.14  | 12.50                               | 2                        |
|                   |            | 36      | 37        | 12.31                 | 12.26 | 12.19  | 12.50                               | 2                        |
|                   |            | 75      | 0         | 12.24                 | 12.31 | 12.21  | 12.50                               | 2                        |
| 15                | 64-QAM     | 1       | 0         | 12.34                 | 12.29 | 12.17  | 12.50                               | 2                        |
|                   |            | 1       | 36        | 12.31                 | 12.29 | 12.28  | 12.50                               | 2                        |
|                   |            | 1       | 74        | 12.32                 | 12.31 | 12.17  | 12.50                               | 2                        |
|                   |            | 36      | 0         | 11.29                 | 11.19 | 11.22  | 11.50                               | 3                        |
|                   |            | 36      | 18        | 11.27                 | 11.25 | 11.20  | 11.50                               | 3                        |
|                   |            | 36      | 37        | 11.28                 | 11.16 | 11.25  | 11.50                               | 3                        |
|                   |            | 75      | 0         | 11.17                 | 11.33 | 11.20  | 11.50                               | 3                        |
| 15                | 256-QAM    | 1       | 0         | 11.41                 | 11.22 | 11.23  | 11.50                               | 3                        |
|                   |            | 1       | 36        | 11.30                 | 11.24 | 11.16  | 11.50                               | 3                        |
|                   |            | 1       | 74        | 11.36                 | 11.30 | 11.24  | 11.50                               | 3                        |
|                   |            | 36      | 0         | 10.29                 | 10.35 | 10.21  | 10.50                               | 4                        |
|                   |            | 36      | 18        | 10.20                 | 10.39 | 10.10  | 10.50                               | 4                        |
|                   |            | 36      | 37        | 10.29                 | 10.27 | 10.30  | 10.50                               | 4                        |
|                   |            | 75      | 0         | 10.39                 | 10.23 | 10.15  | 10.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3555                  | 3575  | 3595  |                                     |                          |
| Channel           |            |         |           | 43140                 | 43340 | 43540 |                                     |                          |
| 10                | QPSK       | 1       | 0         | 14.40                 | 14.24 | 14.11 | 14.50                               | 0                        |
|                   |            | 1       | 25        | 14.21                 | 14.31 | 14.16 | 14.50                               | 0                        |
|                   |            | 1       | 49        | 14.34                 | 14.29 | 14.13 | 14.50                               | 0                        |
|                   |            | 25      | 0         | 13.27                 | 13.15 | 13.17 | 13.50                               | 1                        |
|                   |            | 25      | 12        | 13.31                 | 13.29 | 13.31 | 13.50                               | 1                        |
|                   |            | 25      | 25        | 13.30                 | 13.38 | 13.20 | 13.50                               | 1                        |
|                   |            | 50      | 0         | 13.40                 | 13.28 | 13.10 | 13.50                               | 1                        |
| 10                | 16-QAM     | 1       | 0         | 13.31                 | 13.28 | 13.30 | 13.50                               | 1                        |
|                   |            | 1       | 25        | 13.43                 | 13.26 | 13.27 | 13.50                               | 1                        |
|                   |            | 1       | 49        | 13.30                 | 13.17 | 13.17 | 13.50                               | 1                        |
|                   |            | 25      | 0         | 12.38                 | 12.24 | 12.25 | 12.50                               | 2                        |
|                   |            | 25      | 12        | 12.32                 | 12.24 | 12.23 | 12.50                               | 2                        |
|                   |            | 25      | 25        | 12.37                 | 12.37 | 12.27 | 12.50                               | 2                        |
|                   |            | 50      | 0         | 12.26                 | 12.23 | 12.19 | 12.50                               | 2                        |
| 10                | 64-QAM     | 1       | 0         | 12.26                 | 12.36 | 12.30 | 12.50                               | 2                        |
|                   |            | 1       | 25        | 12.24                 | 12.24 | 12.20 | 12.50                               | 2                        |
|                   |            | 1       | 49        | 12.26                 | 12.28 | 12.21 | 12.50                               | 2                        |
|                   |            | 25      | 0         | 11.21                 | 11.31 | 11.20 | 11.50                               | 3                        |
|                   |            | 25      | 12        | 11.38                 | 11.26 | 11.29 | 11.50                               | 3                        |
|                   |            | 25      | 25        | 11.24                 | 11.32 | 11.16 | 11.50                               | 3                        |
|                   |            | 50      | 0         | 11.24                 | 11.19 | 11.14 | 11.50                               | 3                        |
| 10                | 256-QAM    | 1       | 0         | 11.36                 | 11.19 | 11.21 | 11.50                               | 3                        |
|                   |            | 1       | 25        | 11.44                 | 11.34 | 11.13 | 11.50                               | 3                        |
|                   |            | 1       | 49        | 11.32                 | 11.33 | 11.11 | 11.50                               | 3                        |
|                   |            | 25      | 0         | 10.33                 | 10.35 | 10.26 | 10.50                               | 4                        |
|                   |            | 25      | 12        | 10.29                 | 10.23 | 10.12 | 10.50                               | 4                        |
|                   |            | 25      | 25        | 10.43                 | 10.19 | 10.18 | 10.50                               | 4                        |
|                   |            | 50      | 0         | 10.29                 | 10.27 | 10.10 | 10.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3552.5                | 3575  | 3597.5 |                                     |                          |
| Channel           |            |         |           | 43115                 | 43340 | 43565  |                                     |                          |
| 5                 | QPSK       | 1       | 0         | 14.26                 | 14.22 | 14.20  | 14.50                               | 0                        |
|                   |            | 1       | 12        | 14.29                 | 14.22 | 14.09  | 14.50                               | 0                        |
|                   |            | 1       | 24        | 14.30                 | 14.28 | 14.18  | 14.50                               | 0                        |
|                   |            | 12      | 0         | 13.28                 | 13.35 | 13.22  | 13.50                               | 1                        |
|                   |            | 12      | 6         | 13.28                 | 13.26 | 13.17  | 13.50                               | 1                        |
|                   |            | 12      | 13        | 13.30                 | 13.29 | 13.25  | 13.50                               | 1                        |
|                   |            | 25      | 0         | 13.21                 | 13.23 | 13.20  | 13.50                               | 1                        |
| 5                 | 16-QAM     | 1       | 0         | 13.31                 | 13.17 | 13.09  | 13.50                               | 1                        |
|                   |            | 1       | 12        | 13.39                 | 13.30 | 13.18  | 13.50                               | 1                        |
|                   |            | 1       | 24        | 13.31                 | 13.27 | 13.20  | 13.50                               | 1                        |
|                   |            | 12      | 0         | 12.40                 | 12.33 | 12.15  | 12.50                               | 2                        |
|                   |            | 12      | 6         | 12.26                 | 12.24 | 12.30  | 12.50                               | 2                        |
|                   |            | 12      | 13        | 12.30                 | 12.22 | 12.11  | 12.50                               | 2                        |
|                   |            | 25      | 0         | 12.35                 | 12.26 | 12.22  | 12.50                               | 2                        |
| 5                 | 64-QAM     | 1       | 0         | 12.37                 | 12.29 | 12.21  | 12.50                               | 2                        |
|                   |            | 1       | 12        | 12.31                 | 12.17 | 12.24  | 12.50                               | 2                        |
|                   |            | 1       | 24        | 12.34                 | 12.16 | 12.24  | 12.50                               | 2                        |
|                   |            | 12      | 0         | 11.33                 | 11.15 | 11.10  | 11.50                               | 3                        |
|                   |            | 12      | 6         | 11.30                 | 11.23 | 11.20  | 11.50                               | 3                        |
|                   |            | 12      | 13        | 11.32                 | 11.17 | 11.11  | 11.50                               | 3                        |
|                   |            | 25      | 0         | 11.36                 | 11.37 | 11.14  | 11.50                               | 3                        |
| 5                 | 256-QAM    | 1       | 0         | 11.26                 | 11.27 | 11.22  | 11.50                               | 3                        |
|                   |            | 1       | 12        | 11.38                 | 11.26 | 11.10  | 11.50                               | 3                        |
|                   |            | 1       | 24        | 11.39                 | 11.25 | 11.24  | 11.50                               | 3                        |
|                   |            | 12      | 0         | 10.19                 | 10.21 | 10.25  | 10.50                               | 4                        |
|                   |            | 12      | 6         | 10.44                 | 10.20 | 10.25  | 10.50                               | 4                        |
|                   |            | 12      | 13        | 10.39                 | 10.22 | 10.18  | 10.50                               | 4                        |
|                   |            | 25      | 0         | 10.20                 | 10.23 | 10.32  | 10.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3560                  | 3609  | 3641  | 3690  |                                     |                          |
| Channel         |            |         |           | 55340                 | 55830 | 56150 | 56640 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 14.31                 | 14.22 | 14.38 | 14.37 | 14.50                               | 0                        |
|                 |            | 1       | 50        | 14.19                 | 14.06 | 14.25 | 14.30 | 14.50                               | 0                        |
|                 |            | 1       | 99        | 14.10                 | 14.09 | 14.21 | 14.20 | 14.50                               | 0                        |
|                 |            | 50      | 0         | 13.24                 | 13.11 | 13.14 | 13.24 | 13.50                               | 1                        |
|                 |            | 50      | 25        | 13.20                 | 12.96 | 13.16 | 13.15 | 13.50                               | 1                        |
|                 |            | 50      | 50        | 13.12                 | 13.13 | 13.33 | 13.23 | 13.50                               | 1                        |
|                 |            | 100     | 0         | 13.10                 | 13.02 | 13.17 | 13.20 | 13.50                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 13.16                 | 13.00 | 13.24 | 13.22 | 13.50                               | 1                        |
|                 |            | 1       | 50        | 13.20                 | 13.15 | 13.24 | 13.16 | 13.50                               | 1                        |
|                 |            | 1       | 99        | 13.14                 | 12.94 | 13.14 | 13.13 | 13.50                               | 1                        |
|                 |            | 50      | 0         | 12.06                 | 11.98 | 12.20 | 12.19 | 12.50                               | 2                        |
|                 |            | 50      | 25        | 12.08                 | 12.05 | 12.21 | 12.10 | 12.50                               | 2                        |
|                 |            | 50      | 50        | 12.23                 | 12.05 | 12.16 | 12.27 | 12.50                               | 2                        |
|                 |            | 100     | 0         | 12.07                 | 11.94 | 12.13 | 12.15 | 12.50                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 12.14                 | 12.02 | 12.28 | 12.23 | 12.50                               | 2                        |
|                 |            | 1       | 50        | 12.18                 | 12.17 | 12.15 | 12.35 | 12.50                               | 2                        |
|                 |            | 1       | 99        | 12.16                 | 12.18 | 12.31 | 12.14 | 12.50                               | 2                        |
|                 |            | 50      | 0         | 11.20                 | 11.01 | 11.10 | 11.18 | 11.50                               | 3                        |
|                 |            | 50      | 25        | 11.13                 | 10.95 | 11.23 | 11.15 | 11.50                               | 3                        |
|                 |            | 50      | 50        | 11.14                 | 11.10 | 11.14 | 11.23 | 11.50                               | 3                        |
|                 |            | 100     | 0         | 11.10                 | 10.97 | 11.22 | 11.18 | 11.50                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 11.14                 | 11.06 | 11.26 | 11.08 | 11.50                               | 3                        |
|                 |            | 1       | 50        | 11.11                 | 11.01 | 11.34 | 11.28 | 11.50                               | 3                        |
|                 |            | 1       | 99        | 11.24                 | 11.04 | 11.17 | 11.19 | 11.50                               | 3                        |
|                 |            | 50      | 0         | 10.16                 | 10.18 | 10.17 | 10.27 | 10.50                               | 4                        |
|                 |            | 50      | 25        | 10.03                 | 10.05 | 10.20 | 10.17 | 10.50                               | 4                        |
|                 |            | 50      | 50        | 10.23                 | 10.18 | 10.27 | 10.27 | 10.50                               | 4                        |
|                 |            | 100     | 0         | 10.13                 | 10.01 | 10.34 | 10.21 | 10.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3557.5                | 3608  | 3642  | 3692.5 |                                     |                          |
| Channel         |            |         |           | 55315                 | 55820 | 56160 | 56665  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 14.14                 | 14.18 | 14.21 | 14.24  | 14.50                               | 0                        |
|                 |            | 1       | 36        | 14.17                 | 14.20 | 14.34 | 14.12  | 14.50                               | 0                        |
|                 |            | 1       | 74        | 14.15                 | 14.06 | 14.17 | 14.14  | 14.50                               | 0                        |
|                 |            | 36      | 0         | 13.14                 | 12.99 | 13.18 | 13.21  | 13.50                               | 1                        |
|                 |            | 36      | 18        | 13.05                 | 13.04 | 13.11 | 13.14  | 13.50                               | 1                        |
|                 |            | 36      | 37        | 13.21                 | 13.07 | 13.23 | 13.26  | 13.50                               | 1                        |
|                 |            | 75      | 0         | 13.09                 | 13.06 | 13.08 | 13.10  | 13.50                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 13.08                 | 13.01 | 13.25 | 13.22  | 13.50                               | 1                        |
|                 |            | 1       | 36        | 13.08                 | 13.08 | 13.36 | 13.21  | 13.50                               | 1                        |
|                 |            | 1       | 74        | 13.15                 | 13.00 | 13.19 | 13.17  | 13.50                               | 1                        |
|                 |            | 36      | 0         | 12.20                 | 12.10 | 12.31 | 12.17  | 12.50                               | 2                        |
|                 |            | 36      | 18        | 12.15                 | 12.05 | 12.32 | 12.25  | 12.50                               | 2                        |
|                 |            | 36      | 37        | 12.15                 | 11.99 | 12.26 | 12.10  | 12.50                               | 2                        |
|                 |            | 75      | 0         | 12.19                 | 12.12 | 12.20 | 12.11  | 12.50                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 12.07                 | 11.93 | 12.23 | 12.21  | 12.50                               | 2                        |
|                 |            | 1       | 36        | 12.10                 | 12.01 | 12.23 | 12.20  | 12.50                               | 2                        |
|                 |            | 1       | 74        | 12.09                 | 12.08 | 12.27 | 12.24  | 12.50                               | 2                        |
|                 |            | 36      | 0         | 11.18                 | 11.06 | 11.24 | 11.21  | 11.50                               | 3                        |
|                 |            | 36      | 18        | 11.25                 | 10.93 | 11.20 | 11.27  | 11.50                               | 3                        |
|                 |            | 36      | 37        | 11.24                 | 11.15 | 11.24 | 11.32  | 11.50                               | 3                        |
|                 |            | 75      | 0         | 11.16                 | 11.11 | 11.17 | 11.14  | 11.50                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 11.20                 | 11.00 | 11.15 | 11.27  | 11.50                               | 3                        |
|                 |            | 1       | 36        | 11.25                 | 11.15 | 11.22 | 11.18  | 11.50                               | 3                        |
|                 |            | 1       | 74        | 11.01                 | 11.16 | 11.22 | 11.22  | 11.50                               | 3                        |
|                 |            | 36      | 0         | 10.12                 | 9.96  | 10.26 | 10.22  | 10.50                               | 4                        |
|                 |            | 36      | 18        | 10.20                 | 10.10 | 10.33 | 10.24  | 10.50                               | 4                        |
|                 |            | 36      | 37        | 10.19                 | 9.97  | 10.11 | 10.22  | 10.50                               | 4                        |
|                 |            | 75      | 0         | 10.12                 | 9.95  | 10.26 | 10.24  | 10.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3555                  | 3607.5 | 3642.5 | 3695  |                                     |                          |
| Channel         |            |         |           | 55290                 | 55815  | 56165  | 56690 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 14.10                 | 13.97  | 14.31  | 14.22 | 14.50                               | 0                        |
|                 |            | 1       | 25        | 14.14                 | 14.07  | 14.22  | 14.16 | 14.50                               | 0                        |
|                 |            | 1       | 49        | 14.17                 | 14.06  | 14.25  | 14.24 | 14.50                               | 0                        |
|                 |            | 25      | 0         | 13.15                 | 13.02  | 13.31  | 13.15 | 13.50                               | 1                        |
|                 |            | 25      | 12        | 13.24                 | 13.01  | 13.09  | 13.16 | 13.50                               | 1                        |
|                 |            | 25      | 25        | 13.06                 | 13.20  | 13.23  | 13.27 | 13.50                               | 1                        |
|                 |            | 50      | 0         | 13.16                 | 12.94  | 13.13  | 13.20 | 13.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 13.14                 | 13.10  | 13.18  | 13.25 | 13.50                               | 1                        |
|                 |            | 1       | 25        | 13.26                 | 13.10  | 13.32  | 13.32 | 13.50                               | 1                        |
|                 |            | 1       | 49        | 13.10                 | 13.18  | 13.28  | 13.31 | 13.50                               | 1                        |
|                 |            | 25      | 0         | 12.03                 | 12.03  | 12.23  | 12.23 | 12.50                               | 2                        |
|                 |            | 25      | 12        | 12.09                 | 12.05  | 12.31  | 12.10 | 12.50                               | 2                        |
|                 |            | 25      | 25        | 12.10                 | 11.99  | 12.26  | 12.31 | 12.50                               | 2                        |
|                 |            | 50      | 0         | 12.18                 | 12.06  | 12.18  | 12.27 | 12.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 12.19                 | 12.09  | 12.26  | 12.25 | 12.50                               | 2                        |
|                 |            | 1       | 25        | 12.14                 | 12.00  | 12.26  | 12.26 | 12.50                               | 2                        |
|                 |            | 1       | 49        | 12.05                 | 12.07  | 12.21  | 12.20 | 12.50                               | 2                        |
|                 |            | 25      | 0         | 11.11                 | 11.06  | 11.19  | 11.33 | 11.50                               | 3                        |
|                 |            | 25      | 12        | 11.23                 | 11.11  | 11.29  | 11.34 | 11.50                               | 3                        |
|                 |            | 25      | 25        | 11.15                 | 11.10  | 11.22  | 11.24 | 11.50                               | 3                        |
|                 |            | 50      | 0         | 11.11                 | 11.01  | 11.22  | 11.19 | 11.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 11.22                 | 11.10  | 11.26  | 11.15 | 11.50                               | 3                        |
|                 |            | 1       | 25        | 11.12                 | 10.92  | 11.10  | 11.13 | 11.50                               | 3                        |
|                 |            | 1       | 49        | 11.08                 | 11.09  | 11.12  | 11.22 | 11.50                               | 3                        |
|                 |            | 25      | 0         | 10.15                 | 10.11  | 10.19  | 10.13 | 10.50                               | 4                        |
|                 |            | 25      | 12        | 10.14                 | 10.00  | 10.18  | 10.23 | 10.50                               | 4                        |
|                 |            | 25      | 25        | 10.10                 | 10.07  | 10.21  | 10.24 | 10.50                               | 4                        |
|                 |            | 50      | 0         | 10.20                 | 10.06  | 10.29  | 10.30 | 10.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3552.5                | 3607  | 3643  | 3697.5 |                                     |                          |
| Channel         |            |         |           | 55265                 | 55810 | 56170 | 56715  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 14.22                 | 14.14 | 14.19 | 14.29  | 14.50                               | 0                        |
|                 |            | 1       | 12        | 14.23                 | 13.99 | 14.13 | 14.26  | 14.50                               | 0                        |
|                 |            | 1       | 24        | 14.06                 | 14.03 | 14.23 | 14.09  | 14.50                               | 0                        |
|                 |            | 12      | 0         | 13.16                 | 13.05 | 13.18 | 13.26  | 13.50                               | 1                        |
|                 |            | 12      | 6         | 13.20                 | 13.02 | 13.17 | 13.17  | 13.50                               | 1                        |
|                 |            | 12      | 13        | 13.24                 | 13.07 | 13.22 | 13.23  | 13.50                               | 1                        |
|                 |            | 25      | 0         | 13.09                 | 13.03 | 13.17 | 13.18  | 13.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 13.23                 | 13.03 | 13.11 | 13.25  | 13.50                               | 1                        |
|                 |            | 1       | 12        | 13.13                 | 13.14 | 13.17 | 13.09  | 13.50                               | 1                        |
|                 |            | 1       | 24        | 13.20                 | 13.04 | 13.17 | 13.14  | 13.50                               | 1                        |
|                 |            | 12      | 0         | 12.03                 | 12.14 | 12.23 | 12.17  | 12.50                               | 2                        |
|                 |            | 12      | 6         | 12.21                 | 12.16 | 12.16 | 12.29  | 12.50                               | 2                        |
|                 |            | 12      | 13        | 12.03                 | 12.07 | 12.26 | 12.16  | 12.50                               | 2                        |
|                 |            | 25      | 0         | 12.20                 | 12.08 | 12.25 | 12.21  | 12.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 12.11                 | 11.92 | 12.29 | 12.19  | 12.50                               | 2                        |
|                 |            | 1       | 12        | 12.15                 | 12.18 | 12.29 | 12.30  | 12.50                               | 2                        |
|                 |            | 1       | 24        | 12.10                 | 11.97 | 12.15 | 12.18  | 12.50                               | 2                        |
|                 |            | 12      | 0         | 11.20                 | 11.10 | 11.18 | 11.24  | 11.50                               | 3                        |
|                 |            | 12      | 6         | 11.18                 | 11.12 | 11.27 | 11.21  | 11.50                               | 3                        |
|                 |            | 12      | 13        | 11.04                 | 10.94 | 11.13 | 11.25  | 11.50                               | 3                        |
|                 |            | 25      | 0         | 11.08                 | 11.10 | 11.29 | 11.25  | 11.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 11.16                 | 11.07 | 11.12 | 11.28  | 11.50                               | 3                        |
|                 |            | 1       | 12        | 11.17                 | 11.11 | 11.13 | 11.11  | 11.50                               | 3                        |
|                 |            | 1       | 24        | 11.13                 | 11.08 | 11.21 | 11.25  | 11.50                               | 3                        |
|                 |            | 12      | 0         | 10.14                 | 10.14 | 10.13 | 10.17  | 10.50                               | 4                        |
|                 |            | 12      | 6         | 10.19                 | 10.03 | 10.32 | 10.12  | 10.50                               | 4                        |
|                 |            | 12      | 13        | 10.06                 | 10.09 | 10.24 | 10.11  | 10.50                               | 4                        |
|                 |            | 25      | 0         | 10.18                 | 9.98  | 10.18 | 10.19  | 10.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2580                  | 2595  | 2610  |                                     |                          |
| Channel         |            |         |           | 37850                 | 38000 | 38150 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 17.96                 | 17.92 | 17.91 | 18.00                               | 0                        |
|                 |            | 1       | 50        | 17.67                 | 17.66 | 17.85 | 18.00                               | 0                        |
|                 |            | 1       | 99        | 17.76                 | 17.70 | 17.72 | 18.00                               | 0                        |
|                 |            | 50      | 0         | 16.81                 | 16.73 | 16.74 | 17.00                               | 1                        |
|                 |            | 50      | 25        | 16.86                 | 16.75 | 16.62 | 17.00                               | 1                        |
|                 |            | 50      | 50        | 16.78                 | 16.74 | 16.68 | 17.00                               | 1                        |
|                 |            | 100     | 0         | 16.71                 | 16.68 | 16.81 | 17.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 16.70                 | 16.80 | 16.84 | 17.00                               | 1                        |
|                 |            | 1       | 50        | 16.83                 | 16.72 | 16.65 | 17.00                               | 1                        |
|                 |            | 1       | 99        | 16.77                 | 16.81 | 16.79 | 17.00                               | 1                        |
|                 |            | 50      | 0         | 15.68                 | 15.78 | 15.79 | 16.00                               | 2                        |
|                 |            | 50      | 25        | 15.74                 | 15.78 | 15.65 | 16.00                               | 2                        |
|                 |            | 50      | 50        | 15.87                 | 15.74 | 15.79 | 16.00                               | 2                        |
|                 |            | 100     | 0         | 15.79                 | 15.73 | 15.73 | 16.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 15.82                 | 15.85 | 15.76 | 16.00                               | 2                        |
|                 |            | 1       | 50        | 15.77                 | 15.74 | 15.71 | 16.00                               | 2                        |
|                 |            | 1       | 99        | 15.80                 | 15.70 | 15.74 | 16.00                               | 2                        |
|                 |            | 50      | 0         | 14.83                 | 14.79 | 14.69 | 15.00                               | 3                        |
|                 |            | 50      | 25        | 14.79                 | 14.82 | 14.79 | 15.00                               | 3                        |
|                 |            | 50      | 50        | 14.73                 | 14.78 | 14.67 | 15.00                               | 3                        |
|                 |            | 100     | 0         | 14.81                 | 14.75 | 14.72 | 15.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 14.82                 | 14.71 | 14.85 | 15.00                               | 3                        |
|                 |            | 1       | 50        | 14.87                 | 14.75 | 14.78 | 15.00                               | 3                        |
|                 |            | 1       | 99        | 14.74                 | 14.75 | 14.74 | 15.00                               | 3                        |
|                 |            | 50      | 0         | 13.75                 | 13.85 | 13.70 | 14.00                               | 4                        |
|                 |            | 50      | 25        | 13.83                 | 13.70 | 13.87 | 14.00                               | 4                        |
|                 |            | 50      | 50        | 13.75                 | 13.79 | 13.86 | 14.00                               | 4                        |
|                 |            | 100     | 0         | 13.83                 | 13.77 | 13.78 | 14.00                               | 4                        |

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| LTE Band 38     |            |         |           |                       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595  | 2612.5 |                                     |                          |
| Channel         |            |         |           | 37825                 | 38000 | 38175  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 17.90                 | 17.70 | 17.73  | 18.00                               | 0                        |
|                 |            | 1       | 36        | 17.71                 | 17.83 | 17.84  | 18.00                               | 0                        |
|                 |            | 1       | 74        | 17.88                 | 17.78 | 17.81  | 18.00                               | 0                        |
|                 |            | 36      | 0         | 16.83                 | 16.66 | 16.79  | 17.00                               | 1                        |
|                 |            | 36      | 18        | 16.78                 | 16.75 | 16.70  | 17.00                               | 1                        |
|                 |            | 36      | 37        | 16.68                 | 16.70 | 16.68  | 17.00                               | 1                        |
|                 |            | 75      | 0         | 16.68                 | 16.84 | 16.71  | 17.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 16.78                 | 16.69 | 16.79  | 17.00                               | 1                        |
|                 |            | 1       | 36        | 16.76                 | 16.69 | 16.73  | 17.00                               | 1                        |
|                 |            | 1       | 74        | 16.82                 | 16.83 | 16.76  | 17.00                               | 1                        |
|                 |            | 36      | 0         | 15.91                 | 15.74 | 15.80  | 16.00                               | 2                        |
|                 |            | 36      | 18        | 15.75                 | 15.80 | 15.74  | 16.00                               | 2                        |
|                 |            | 36      | 37        | 15.79                 | 15.70 | 15.63  | 16.00                               | 2                        |
|                 |            | 75      | 0         | 15.79                 | 15.76 | 15.76  | 16.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 15.87                 | 15.74 | 15.80  | 16.00                               | 2                        |
|                 |            | 1       | 36        | 15.82                 | 15.79 | 15.80  | 16.00                               | 2                        |
|                 |            | 1       | 74        | 15.76                 | 15.86 | 15.66  | 16.00                               | 2                        |
|                 |            | 36      | 0         | 14.79                 | 14.82 | 14.78  | 15.00                               | 3                        |
|                 |            | 36      | 18        | 14.84                 | 14.81 | 14.69  | 15.00                               | 3                        |
|                 |            | 36      | 37        | 14.73                 | 14.85 | 14.80  | 15.00                               | 3                        |
|                 |            | 75      | 0         | 14.84                 | 14.79 | 14.70  | 15.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 14.82                 | 14.77 | 14.70  | 15.00                               | 3                        |
|                 |            | 1       | 36        | 14.77                 | 14.83 | 14.73  | 15.00                               | 3                        |
|                 |            | 1       | 74        | 14.83                 | 14.77 | 14.67  | 15.00                               | 3                        |
|                 |            | 36      | 0         | 13.82                 | 13.81 | 13.79  | 14.00                               | 4                        |
|                 |            | 36      | 18        | 13.82                 | 13.76 | 13.71  | 14.00                               | 4                        |
|                 |            | 36      | 37        | 13.82                 | 13.73 | 13.73  | 14.00                               | 4                        |
|                 |            | 75      | 0         | 13.73                 | 13.83 | 13.83  | 14.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2575                  | 2595  | 2615  |                                     |                          |
| Channel         |            |         |           | 37800                 | 38000 | 38200 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 17.89                 | 17.68 | 17.73 | 18.00                               | 0                        |
|                 |            | 1       | 25        | 17.83                 | 17.65 | 17.71 | 18.00                               | 0                        |
|                 |            | 1       | 49        | 17.67                 | 17.74 | 17.72 | 18.00                               | 0                        |
|                 |            | 25      | 0         | 16.83                 | 16.73 | 16.85 | 17.00                               | 1                        |
|                 |            | 25      | 12        | 16.81                 | 16.78 | 16.76 | 17.00                               | 1                        |
|                 |            | 25      | 25        | 16.77                 | 16.78 | 16.75 | 17.00                               | 1                        |
|                 |            | 50      | 0         | 16.82                 | 16.84 | 16.72 | 17.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 16.88                 | 16.76 | 16.80 | 17.00                               | 1                        |
|                 |            | 1       | 25        | 16.80                 | 16.79 | 16.69 | 17.00                               | 1                        |
|                 |            | 1       | 49        | 16.85                 | 16.75 | 16.67 | 17.00                               | 1                        |
|                 |            | 25      | 0         | 15.76                 | 15.76 | 15.67 | 16.00                               | 2                        |
|                 |            | 25      | 12        | 15.67                 | 15.70 | 15.74 | 16.00                               | 2                        |
|                 |            | 25      | 25        | 15.87                 | 15.68 | 15.75 | 16.00                               | 2                        |
|                 |            | 50      | 0         | 15.86                 | 15.70 | 15.67 | 16.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 15.90                 | 15.81 | 15.79 | 16.00                               | 2                        |
|                 |            | 1       | 25        | 15.87                 | 15.86 | 15.67 | 16.00                               | 2                        |
|                 |            | 1       | 49        | 15.84                 | 15.74 | 15.82 | 16.00                               | 2                        |
|                 |            | 25      | 0         | 14.93                 | 14.80 | 14.73 | 15.00                               | 3                        |
|                 |            | 25      | 12        | 14.74                 | 14.81 | 14.73 | 15.00                               | 3                        |
|                 |            | 25      | 25        | 14.94                 | 14.71 | 14.73 | 15.00                               | 3                        |
|                 |            | 50      | 0         | 14.90                 | 14.73 | 14.84 | 15.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 14.75                 | 14.75 | 14.67 | 15.00                               | 3                        |
|                 |            | 1       | 25        | 14.75                 | 14.70 | 14.84 | 15.00                               | 3                        |
|                 |            | 1       | 49        | 14.75                 | 14.81 | 14.67 | 15.00                               | 3                        |
|                 |            | 25      | 0         | 13.71                 | 13.65 | 13.79 | 14.00                               | 4                        |
|                 |            | 25      | 12        | 13.81                 | 13.66 | 13.77 | 14.00                               | 4                        |
|                 |            | 25      | 25        | 13.79                 | 13.88 | 13.66 | 14.00                               | 4                        |
|                 |            | 50      | 0         | 13.84                 | 13.63 | 13.74 | 14.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2572.5                | 2595  | 2617.5 |                                     |                          |
| Channel         |            |         |           | 37775                 | 38000 | 38225  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 17.84                 | 17.69 | 17.74  | 18.00                               | 0                        |
|                 |            | 1       | 12        | 17.77                 | 17.78 | 17.76  | 18.00                               | 0                        |
|                 |            | 1       | 24        | 17.83                 | 17.72 | 17.77  | 18.00                               | 0                        |
|                 |            | 12      | 0         | 16.75                 | 16.82 | 16.80  | 17.00                               | 1                        |
|                 |            | 12      | 6         | 16.79                 | 16.78 | 16.71  | 17.00                               | 1                        |
|                 |            | 12      | 13        | 16.70                 | 16.70 | 16.69  | 17.00                               | 1                        |
|                 |            | 25      | 0         | 16.72                 | 16.68 | 16.77  | 17.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 16.71                 | 16.70 | 16.82  | 17.00                               | 1                        |
|                 |            | 1       | 12        | 16.87                 | 16.78 | 16.83  | 17.00                               | 1                        |
|                 |            | 1       | 24        | 16.80                 | 16.64 | 16.77  | 17.00                               | 1                        |
|                 |            | 12      | 0         | 15.80                 | 15.88 | 15.75  | 16.00                               | 2                        |
|                 |            | 12      | 6         | 15.87                 | 15.68 | 15.68  | 16.00                               | 2                        |
|                 |            | 12      | 13        | 15.76                 | 15.73 | 15.67  | 16.00                               | 2                        |
|                 |            | 25      | 0         | 15.75                 | 15.74 | 15.70  | 16.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 15.76                 | 15.71 | 15.72  | 16.00                               | 2                        |
|                 |            | 1       | 12        | 15.87                 | 15.70 | 15.77  | 16.00                               | 2                        |
|                 |            | 1       | 24        | 15.74                 | 15.72 | 15.75  | 16.00                               | 2                        |
|                 |            | 12      | 0         | 14.77                 | 14.65 | 14.78  | 15.00                               | 3                        |
|                 |            | 12      | 6         | 14.80                 | 14.69 | 14.67  | 15.00                               | 3                        |
|                 |            | 12      | 13        | 14.73                 | 14.79 | 14.83  | 15.00                               | 3                        |
|                 |            | 25      | 0         | 14.89                 | 14.78 | 14.63  | 15.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 14.79                 | 14.77 | 14.68  | 15.00                               | 3                        |
|                 |            | 1       | 12        | 14.81                 | 14.78 | 14.78  | 15.00                               | 3                        |
|                 |            | 1       | 24        | 14.82                 | 14.67 | 14.70  | 15.00                               | 3                        |
|                 |            | 12      | 0         | 13.86                 | 13.86 | 13.75  | 14.00                               | 4                        |
|                 |            | 12      | 6         | 13.89                 | 13.70 | 13.83  | 14.00                               | 4                        |
|                 |            | 12      | 13        | 13.68                 | 13.87 | 13.74  | 14.00                               | 4                        |
|                 |            | 25      | 0         | 13.83                 | 13.87 | 13.86  | 14.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|-------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2506                  | 2549.5 | 2593  | 2636.5 | 2680  |                                     |                          |
| Channel         |            |         |           | 39750                 | 40185  | 40620 | 41055  | 41490 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 16.66                 | 16.76  | 16.50 | 16.61  | 16.47 | 17.00                               | 0                        |
|                 |            | 1       | 50        | 16.49                 | 16.63  | 16.29 | 16.49  | 16.40 | 17.00                               | 0                        |
|                 |            | 1       | 99        | 16.41                 | 16.61  | 16.34 | 16.40  | 16.27 | 17.00                               | 0                        |
|                 |            | 50      | 0         | 15.49                 | 15.54  | 15.25 | 15.48  | 15.19 | 16.00                               | 1                        |
|                 |            | 50      | 25        | 15.45                 | 15.73  | 15.43 | 15.52  | 15.24 | 16.00                               | 1                        |
|                 |            | 50      | 50        | 15.54                 | 15.51  | 15.30 | 15.50  | 15.42 | 16.00                               | 1                        |
|                 |            | 100     | 0         | 15.52                 | 15.64  | 15.28 | 15.42  | 15.43 | 16.00                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 15.37                 | 15.67  | 15.43 | 15.47  | 15.38 | 16.00                               | 1                        |
|                 |            | 1       | 50        | 15.44                 | 15.50  | 15.42 | 15.50  | 15.23 | 16.00                               | 1                        |
|                 |            | 1       | 99        | 15.62                 | 15.58  | 15.46 | 15.39  | 15.38 | 16.00                               | 1                        |
|                 |            | 50      | 0         | 14.42                 | 14.61  | 14.30 | 14.43  | 14.37 | 15.00                               | 2                        |
|                 |            | 50      | 25        | 14.45                 | 14.57  | 14.34 | 14.58  | 14.38 | 15.00                               | 2                        |
|                 |            | 50      | 50        | 14.51                 | 14.52  | 14.26 | 14.48  | 14.31 | 15.00                               | 2                        |
|                 |            | 100     | 0         | 14.51                 | 14.55  | 14.33 | 14.54  | 14.17 | 15.00                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 14.53                 | 14.56  | 14.38 | 14.35  | 14.45 | 15.00                               | 2                        |
|                 |            | 1       | 50        | 14.49                 | 14.54  | 14.27 | 14.39  | 14.22 | 15.00                               | 2                        |
|                 |            | 1       | 99        | 14.49                 | 14.49  | 14.31 | 14.46  | 14.26 | 15.00                               | 2                        |
|                 |            | 50      | 0         | 13.62                 | 13.68  | 13.35 | 13.55  | 13.29 | 14.00                               | 3                        |
|                 |            | 50      | 25        | 13.46                 | 13.49  | 13.48 | 13.45  | 13.36 | 14.00                               | 3                        |
|                 |            | 50      | 50        | 13.46                 | 13.55  | 13.39 | 13.45  | 13.29 | 14.00                               | 3                        |
|                 |            | 100     | 0         | 13.55                 | 13.61  | 13.27 | 13.46  | 13.30 | 14.00                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 13.46                 | 13.47  | 13.28 | 13.40  | 13.34 | 14.00                               | 3                        |
|                 |            | 1       | 50        | 13.51                 | 13.65  | 13.32 | 13.50  | 13.40 | 14.00                               | 3                        |
|                 |            | 1       | 99        | 13.40                 | 13.58  | 13.23 | 13.44  | 13.28 | 14.00                               | 3                        |
|                 |            | 50      | 0         | 12.55                 | 12.67  | 12.33 | 12.57  | 12.43 | 13.00                               | 4                        |
|                 |            | 50      | 25        | 12.55                 | 12.52  | 12.32 | 12.47  | 12.41 | 13.00                               | 4                        |
|                 |            | 50      | 50        | 12.51                 | 12.58  | 12.23 | 12.46  | 12.27 | 13.00                               | 4                        |
|                 |            | 100     | 0         | 12.53                 | 12.54  | 12.43 | 12.35  | 12.34 | 13.00                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|-------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2503.5                | 2548.3 | 2593  | 2637.8 | 2682.5 |                                     |                          |
| Channel         |            |         |           | 39725                 | 40173  | 40620 | 41068  | 41515  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 16.56                 | 16.61  | 16.26 | 16.42  | 16.37  | 17.00                               | 0                        |
|                 |            | 1       | 36        | 16.47                 | 16.54  | 16.36 | 16.46  | 16.21  | 17.00                               | 0                        |
|                 |            | 1       | 74        | 16.50                 | 16.61  | 16.20 | 16.38  | 16.21  | 17.00                               | 0                        |
|                 |            | 36      | 0         | 15.44                 | 15.62  | 15.25 | 15.38  | 15.35  | 16.00                               | 1                        |
|                 |            | 36      | 18        | 15.61                 | 15.70  | 15.32 | 15.43  | 15.41  | 16.00                               | 1                        |
|                 |            | 36      | 37        | 15.62                 | 15.57  | 15.33 | 15.39  | 15.26  | 16.00                               | 1                        |
|                 |            | 75      | 0         | 15.47                 | 15.62  | 15.38 | 15.52  | 15.38  | 16.00                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 15.58                 | 15.56  | 15.29 | 15.54  | 15.27  | 16.00                               | 1                        |
|                 |            | 1       | 36        | 15.48                 | 15.59  | 15.37 | 15.37  | 15.38  | 16.00                               | 1                        |
|                 |            | 1       | 74        | 15.55                 | 15.58  | 15.44 | 15.36  | 15.43  | 16.00                               | 1                        |
|                 |            | 36      | 0         | 14.53                 | 14.57  | 14.41 | 14.42  | 14.18  | 15.00                               | 2                        |
|                 |            | 36      | 18        | 14.51                 | 14.56  | 14.36 | 14.53  | 14.29  | 15.00                               | 2                        |
|                 |            | 36      | 37        | 14.41                 | 14.59  | 14.38 | 14.49  | 14.27  | 15.00                               | 2                        |
|                 |            | 75      | 0         | 14.39                 | 14.65  | 14.32 | 14.44  | 14.32  | 15.00                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 14.61                 | 14.66  | 14.35 | 14.52  | 14.24  | 15.00                               | 2                        |
|                 |            | 1       | 36        | 14.53                 | 14.58  | 14.31 | 14.41  | 14.25  | 15.00                               | 2                        |
|                 |            | 1       | 74        | 14.40                 | 14.49  | 14.39 | 14.49  | 14.29  | 15.00                               | 2                        |
|                 |            | 36      | 0         | 13.43                 | 13.69  | 13.43 | 13.35  | 13.33  | 14.00                               | 3                        |
|                 |            | 36      | 18        | 13.57                 | 13.64  | 13.41 | 13.49  | 13.40  | 14.00                               | 3                        |
|                 |            | 36      | 37        | 13.58                 | 13.68  | 13.28 | 13.38  | 13.33  | 14.00                               | 3                        |
|                 |            | 75      | 0         | 13.46                 | 13.62  | 13.29 | 13.47  | 13.27  | 14.00                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 13.44                 | 13.66  | 13.40 | 13.34  | 13.35  | 14.00                               | 3                        |
|                 |            | 1       | 36        | 13.53                 | 13.58  | 13.24 | 13.50  | 13.33  | 14.00                               | 3                        |
|                 |            | 1       | 74        | 13.52                 | 13.52  | 13.30 | 13.44  | 13.26  | 14.00                               | 3                        |
|                 |            | 36      | 0         | 12.50                 | 12.56  | 12.32 | 12.45  | 12.24  | 13.00                               | 4                        |
|                 |            | 36      | 18        | 12.49                 | 12.60  | 12.35 | 12.47  | 12.24  | 13.00                               | 4                        |
|                 |            | 36      | 37        | 12.54                 | 12.47  | 12.25 | 12.51  | 12.19  | 13.00                               | 4                        |
|                 |            | 75      | 0         | 12.49                 | 12.67  | 12.25 | 12.39  | 12.28  | 13.00                               | 4                        |

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| LTE Band 41_PC3 |            |         |           |                       |       |       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2501                  | 2547  | 2593  | 2639  | 2685  |                                     |                          |
| Channel         |            |         |           | 39700                 | 40160 | 40620 | 41080 | 41540 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 16.45                 | 16.61 | 16.24 | 16.47 | 16.38 | 17.00                               | 0                        |
|                 |            | 1       | 25        | 16.46                 | 16.70 | 16.40 | 16.52 | 16.42 | 17.00                               | 0                        |
|                 |            | 1       | 49        | 16.50                 | 16.55 | 16.27 | 16.49 | 16.25 | 17.00                               | 0                        |
|                 |            | 25      | 0         | 15.48                 | 15.54 | 15.36 | 15.50 | 15.42 | 16.00                               | 1                        |
|                 |            | 25      | 12        | 15.63                 | 15.53 | 15.34 | 15.47 | 15.34 | 16.00                               | 1                        |
|                 |            | 25      | 25        | 15.60                 | 15.68 | 15.22 | 15.44 | 15.23 | 16.00                               | 1                        |
|                 |            | 50      | 0         | 15.46                 | 15.62 | 15.40 | 15.42 | 15.32 | 16.00                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 15.40                 | 15.55 | 15.32 | 15.46 | 15.34 | 16.00                               | 1                        |
|                 |            | 1       | 25        | 15.36                 | 15.70 | 15.34 | 15.54 | 15.34 | 16.00                               | 1                        |
|                 |            | 1       | 49        | 15.54                 | 15.62 | 15.46 | 15.46 | 15.34 | 16.00                               | 1                        |
|                 |            | 25      | 0         | 14.40                 | 14.60 | 14.35 | 14.44 | 14.29 | 15.00                               | 2                        |
|                 |            | 25      | 12        | 14.53                 | 14.59 | 14.24 | 14.40 | 14.32 | 15.00                               | 2                        |
|                 |            | 25      | 25        | 14.52                 | 14.63 | 14.33 | 14.53 | 14.37 | 15.00                               | 2                        |
|                 |            | 50      | 0         | 14.51                 | 14.52 | 14.29 | 14.52 | 14.32 | 15.00                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 14.51                 | 14.59 | 14.36 | 14.42 | 14.31 | 15.00                               | 2                        |
|                 |            | 1       | 25        | 14.54                 | 14.62 | 14.33 | 14.43 | 14.31 | 15.00                               | 2                        |
|                 |            | 1       | 49        | 14.59                 | 14.63 | 14.20 | 14.47 | 14.25 | 15.00                               | 2                        |
|                 |            | 25      | 0         | 13.50                 | 13.73 | 13.33 | 13.50 | 13.31 | 14.00                               | 3                        |
|                 |            | 25      | 12        | 13.53                 | 13.66 | 13.37 | 13.34 | 13.23 | 14.00                               | 3                        |
|                 |            | 25      | 25        | 13.44                 | 13.56 | 13.41 | 13.43 | 13.33 | 14.00                               | 3                        |
|                 |            | 50      | 0         | 13.58                 | 13.62 | 13.42 | 13.53 | 13.22 | 14.00                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 13.47                 | 13.62 | 13.30 | 13.51 | 13.33 | 14.00                               | 3                        |
|                 |            | 1       | 25        | 13.48                 | 13.59 | 13.36 | 13.54 | 13.28 | 14.00                               | 3                        |
|                 |            | 1       | 49        | 13.60                 | 13.58 | 13.25 | 13.55 | 13.31 | 14.00                               | 3                        |
|                 |            | 25      | 0         | 12.54                 | 12.64 | 12.33 | 12.37 | 12.31 | 13.00                               | 4                        |
|                 |            | 25      | 12        | 12.58                 | 12.59 | 12.33 | 12.41 | 12.22 | 13.00                               | 4                        |
|                 |            | 25      | 25        | 12.44                 | 12.69 | 12.44 | 12.38 | 12.23 | 13.00                               | 4                        |
|                 |            | 50      | 0         | 12.45                 | 12.60 | 12.37 | 12.47 | 12.38 | 13.00                               | 4                        |

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| LTE Band 41_PC3 |            |         |           |                       |        |       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|-------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |       |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2498.5                | 2545.8 | 2593  | 2640.3 | 2687.5 |                                     |                          |
| Channel         |            |         |           | 39675                 | 40148  | 40620 | 41093  | 41565  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 16.51                 | 16.59  | 16.44 | 16.54  | 16.34  | 17.00                               | 0                        |
|                 |            | 1       | 12        | 16.55                 | 16.66  | 16.30 | 16.50  | 16.25  | 17.00                               | 0                        |
|                 |            | 1       | 24        | 16.64                 | 16.65  | 16.31 | 16.41  | 16.36  | 17.00                               | 0                        |
|                 |            | 12      | 0         | 15.42                 | 15.63  | 15.37 | 15.41  | 15.31  | 16.00                               | 1                        |
|                 |            | 12      | 6         | 15.45                 | 15.59  | 15.30 | 15.48  | 15.19  | 16.00                               | 1                        |
|                 |            | 12      | 13        | 15.60                 | 15.64  | 15.47 | 15.55  | 15.36  | 16.00                               | 1                        |
|                 |            | 25      | 0         | 15.38                 | 15.54  | 15.28 | 15.45  | 15.30  | 16.00                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 15.42                 | 15.64  | 15.32 | 15.52  | 15.31  | 16.00                               | 1                        |
|                 |            | 1       | 12        | 15.39                 | 15.51  | 15.45 | 15.58  | 15.24  | 16.00                               | 1                        |
|                 |            | 1       | 24        | 15.49                 | 15.56  | 15.33 | 15.48  | 15.34  | 16.00                               | 1                        |
|                 |            | 12      | 0         | 14.36                 | 14.54  | 14.36 | 14.46  | 14.40  | 15.00                               | 2                        |
|                 |            | 12      | 6         | 14.54                 | 14.61  | 14.35 | 14.45  | 14.26  | 15.00                               | 2                        |
|                 |            | 12      | 13        | 14.54                 | 14.63  | 14.26 | 14.58  | 14.26  | 15.00                               | 2                        |
|                 |            | 25      | 0         | 14.55                 | 14.63  | 14.33 | 14.56  | 14.32  | 15.00                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 14.49                 | 14.56  | 14.44 | 14.48  | 14.28  | 15.00                               | 2                        |
|                 |            | 1       | 12        | 14.48                 | 14.59  | 14.36 | 14.50  | 14.36  | 15.00                               | 2                        |
|                 |            | 1       | 24        | 14.47                 | 14.64  | 14.39 | 14.52  | 14.36  | 15.00                               | 2                        |
|                 |            | 12      | 0         | 13.50                 | 13.55  | 13.35 | 13.54  | 13.33  | 14.00                               | 3                        |
|                 |            | 12      | 6         | 13.48                 | 13.72  | 13.36 | 13.46  | 13.37  | 14.00                               | 3                        |
|                 |            | 12      | 13        | 13.58                 | 13.63  | 13.29 | 13.43  | 13.31  | 14.00                               | 3                        |
|                 |            | 25      | 0         | 13.57                 | 13.60  | 13.35 | 13.34  | 13.23  | 14.00                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 13.40                 | 13.66  | 13.39 | 13.49  | 13.31  | 14.00                               | 3                        |
|                 |            | 1       | 12        | 13.52                 | 13.53  | 13.25 | 13.55  | 13.33  | 14.00                               | 3                        |
|                 |            | 1       | 24        | 13.54                 | 13.65  | 13.25 | 13.39  | 13.40  | 14.00                               | 3                        |
|                 |            | 12      | 0         | 12.53                 | 12.61  | 12.38 | 12.48  | 12.23  | 13.00                               | 4                        |
|                 |            | 12      | 6         | 12.37                 | 12.69  | 12.33 | 12.40  | 12.39  | 13.00                               | 4                        |
|                 |            | 12      | 13        | 12.51                 | 12.57  | 12.40 | 12.48  | 12.37  | 13.00                               | 4                        |
|                 |            | 25      | 0         | 12.47                 | 12.68  | 12.29 | 12.45  | 12.32  | 13.00                               | 4                        |

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| LTE Band 42_Part1 |            |         |           |                       |       |       |                                     |                          |
|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3460                  | 3500  | 3540  |                                     |                          |
| Channel           |            |         |           | 42190                 | 42590 | 42990 |                                     |                          |
| 20                | QPSK       | 1       | 0         | 15.15                 | 15.35 | 15.31 | 15.50                               | 0                        |
|                   |            | 1       | 50        | 14.95                 | 15.18 | 15.07 | 15.50                               | 0                        |
|                   |            | 1       | 99        | 15.09                 | 15.14 | 15.19 | 15.50                               | 0                        |
|                   |            | 50      | 0         | 13.97                 | 14.15 | 14.26 | 14.50                               | 1                        |
|                   |            | 50      | 25        | 13.99                 | 14.26 | 14.11 | 14.50                               | 1                        |
|                   |            | 50      | 50        | 13.91                 | 14.10 | 14.12 | 14.50                               | 1                        |
|                   |            | 100     | 0         | 13.93                 | 14.08 | 14.05 | 14.50                               | 1                        |
| 20                | 16-QAM     | 1       | 0         | 13.95                 | 14.27 | 14.15 | 14.50                               | 1                        |
|                   |            | 1       | 50        | 13.94                 | 14.13 | 14.09 | 14.50                               | 1                        |
|                   |            | 1       | 99        | 14.06                 | 14.29 | 14.19 | 14.50                               | 1                        |
|                   |            | 50      | 0         | 12.96                 | 13.18 | 13.21 | 13.50                               | 2                        |
|                   |            | 50      | 25        | 13.05                 | 13.19 | 13.14 | 13.50                               | 2                        |
|                   |            | 50      | 50        | 12.90                 | 13.28 | 13.20 | 13.50                               | 2                        |
|                   |            | 100     | 0         | 13.02                 | 13.23 | 13.08 | 13.50                               | 2                        |
| 20                | 64-QAM     | 1       | 0         | 12.99                 | 13.29 | 13.25 | 13.50                               | 2                        |
|                   |            | 1       | 50        | 12.88                 | 13.14 | 13.10 | 13.50                               | 2                        |
|                   |            | 1       | 99        | 12.97                 | 13.24 | 13.16 | 13.50                               | 2                        |
|                   |            | 50      | 0         | 11.99                 | 12.27 | 12.17 | 12.50                               | 3                        |
|                   |            | 50      | 25        | 12.10                 | 12.19 | 12.19 | 12.50                               | 3                        |
|                   |            | 50      | 50        | 11.90                 | 12.22 | 12.12 | 12.50                               | 3                        |
|                   |            | 100     | 0         | 12.08                 | 12.17 | 12.24 | 12.50                               | 3                        |
| 20                | 256-QAM    | 1       | 0         | 11.99                 | 12.11 | 12.18 | 12.50                               | 3                        |
|                   |            | 1       | 50        | 12.05                 | 12.20 | 12.19 | 12.50                               | 3                        |
|                   |            | 1       | 99        | 12.01                 | 12.10 | 12.21 | 12.50                               | 3                        |
|                   |            | 50      | 0         | 10.94                 | 11.18 | 11.09 | 11.50                               | 4                        |
|                   |            | 50      | 25        | 11.07                 | 11.20 | 11.18 | 11.50                               | 4                        |
|                   |            | 50      | 50        | 11.02                 | 11.28 | 11.07 | 11.50                               | 4                        |
|                   |            | 100     | 0         | 10.96                 | 11.14 | 11.11 | 11.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3457.5                | 3500  | 3542.5 |                                     |                          |
| Channel           |            |         |           | 42165                 | 42590 | 43015  |                                     |                          |
| 15                | QPSK       | 1       | 0         | 14.97                 | 15.15 | 15.14  | 15.50                               | 0                        |
|                   |            | 1       | 36        | 14.89                 | 15.10 | 15.16  | 15.50                               | 0                        |
|                   |            | 1       | 74        | 15.02                 | 15.31 | 15.16  | 15.50                               | 0                        |
|                   |            | 36      | 0         | 14.06                 | 14.18 | 14.15  | 14.50                               | 1                        |
|                   |            | 36      | 18        | 14.04                 | 14.12 | 14.19  | 14.50                               | 1                        |
|                   |            | 36      | 37        | 13.91                 | 14.24 | 14.15  | 14.50                               | 1                        |
|                   |            | 75      | 0         | 13.99                 | 14.28 | 14.11  | 14.50                               | 1                        |
| 15                | 16-QAM     | 1       | 0         | 13.93                 | 14.19 | 14.09  | 14.50                               | 1                        |
|                   |            | 1       | 36        | 13.98                 | 14.19 | 14.05  | 14.50                               | 1                        |
|                   |            | 1       | 74        | 14.04                 | 14.08 | 14.15  | 14.50                               | 1                        |
|                   |            | 36      | 0         | 12.95                 | 13.14 | 13.06  | 13.50                               | 2                        |
|                   |            | 36      | 18        | 12.95                 | 13.28 | 13.09  | 13.50                               | 2                        |
|                   |            | 36      | 37        | 12.91                 | 13.32 | 13.27  | 13.50                               | 2                        |
|                   |            | 75      | 0         | 12.91                 | 13.29 | 13.12  | 13.50                               | 2                        |
| 15                | 64-QAM     | 1       | 0         | 12.87                 | 13.25 | 13.19  | 13.50                               | 2                        |
|                   |            | 1       | 36        | 12.95                 | 13.12 | 13.16  | 13.50                               | 2                        |
|                   |            | 1       | 74        | 12.93                 | 13.26 | 13.16  | 13.50                               | 2                        |
|                   |            | 36      | 0         | 11.91                 | 12.24 | 12.15  | 12.50                               | 3                        |
|                   |            | 36      | 18        | 12.03                 | 12.13 | 12.23  | 12.50                               | 3                        |
|                   |            | 36      | 37        | 11.97                 | 12.17 | 12.03  | 12.50                               | 3                        |
|                   |            | 75      | 0         | 12.00                 | 12.31 | 12.15  | 12.50                               | 3                        |
| 15                | 256-QAM    | 1       | 0         | 11.89                 | 12.25 | 12.20  | 12.50                               | 3                        |
|                   |            | 1       | 36        | 12.04                 | 12.21 | 12.16  | 12.50                               | 3                        |
|                   |            | 1       | 74        | 11.95                 | 12.19 | 12.07  | 12.50                               | 3                        |
|                   |            | 36      | 0         | 10.93                 | 11.19 | 11.16  | 11.50                               | 4                        |
|                   |            | 36      | 18        | 11.00                 | 11.28 | 11.18  | 11.50                               | 4                        |
|                   |            | 36      | 37        | 10.98                 | 11.28 | 11.16  | 11.50                               | 4                        |
|                   |            | 75      | 0         | 10.98                 | 11.11 | 11.18  | 11.50                               | 4                        |

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| LTE Band 42_Part1 |            |         |           |                       |       |       |                                     |                          |
|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3455                  | 3500  | 3545  |                                     |                          |
| Channel           |            |         |           | 42140                 | 42590 | 43040 |                                     |                          |
| 10                | QPSK       | 1       | 0         | 15.04                 | 15.19 | 15.18 | 15.50                               | 0                        |
|                   |            | 1       | 25        | 14.91                 | 15.10 | 15.22 | 15.50                               | 0                        |
|                   |            | 1       | 49        | 14.95                 | 15.28 | 15.20 | 15.50                               | 0                        |
|                   |            | 25      | 0         | 14.01                 | 14.13 | 14.14 | 14.50                               | 1                        |
|                   |            | 25      | 12        | 14.05                 | 14.19 | 14.18 | 14.50                               | 1                        |
|                   |            | 25      | 25        | 14.04                 | 14.33 | 14.10 | 14.50                               | 1                        |
|                   |            | 50      | 0         | 14.09                 | 14.21 | 14.11 | 14.50                               | 1                        |
| 10                | 16-QAM     | 1       | 0         | 14.06                 | 14.05 | 14.16 | 14.50                               | 1                        |
|                   |            | 1       | 25        | 14.07                 | 14.12 | 14.17 | 14.50                               | 1                        |
|                   |            | 1       | 49        | 13.98                 | 14.22 | 14.04 | 14.50                               | 1                        |
|                   |            | 25      | 0         | 13.01                 | 13.18 | 13.13 | 13.50                               | 2                        |
|                   |            | 25      | 12        | 13.02                 | 13.12 | 13.15 | 13.50                               | 2                        |
|                   |            | 25      | 25        | 13.00                 | 13.19 | 13.15 | 13.50                               | 2                        |
| 10                | 64-QAM     | 50      | 0         | 12.91                 | 13.10 | 13.13 | 13.50                               | 2                        |
|                   |            | 1       | 0         | 12.86                 | 13.22 | 13.16 | 13.50                               | 2                        |
|                   |            | 1       | 25        | 13.02                 | 13.32 | 13.09 | 13.50                               | 2                        |
|                   |            | 1       | 49        | 12.97                 | 13.27 | 13.17 | 13.50                               | 2                        |
|                   |            | 25      | 0         | 12.06                 | 12.26 | 12.22 | 12.50                               | 3                        |
|                   |            | 25      | 12        | 11.89                 | 12.21 | 12.04 | 12.50                               | 3                        |
| 10                | 256-QAM    | 25      | 25        | 11.88                 | 12.23 | 12.14 | 12.50                               | 3                        |
|                   |            | 50      | 0         | 11.96                 | 12.14 | 12.07 | 12.50                               | 3                        |
|                   |            | 1       | 0         | 12.03                 | 12.22 | 12.15 | 12.50                               | 3                        |
|                   |            | 1       | 25        | 11.89                 | 12.22 | 12.10 | 12.50                               | 3                        |
|                   |            | 1       | 49        | 11.86                 | 12.27 | 12.11 | 12.50                               | 3                        |
|                   |            | 25      | 0         | 10.99                 | 11.10 | 11.06 | 11.50                               | 4                        |
|                   |            | 25      | 12        | 11.00                 | 11.19 | 11.23 | 11.50                               | 4                        |
|                   |            | 25      | 25        | 11.02                 | 11.14 | 11.04 | 11.50                               | 4                        |
|                   |            | 50      | 0         | 11.09                 | 11.12 | 11.22 | 11.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3452.5                | 3500  | 3547.5 |                                     |                          |
| Channel           |            |         |           | 42115                 | 42590 | 43065  |                                     |                          |
| 5                 | QPSK       | 1       | 0         | 14.89                 | 15.16 | 15.13  | 15.50                               | 0                        |
|                   |            | 1       | 12        | 14.99                 | 15.07 | 15.17  | 15.50                               | 0                        |
|                   |            | 1       | 24        | 15.09                 | 15.20 | 15.16  | 15.50                               | 0                        |
|                   |            | 12      | 0         | 14.03                 | 14.17 | 14.28  | 14.50                               | 1                        |
|                   |            | 12      | 6         | 14.04                 | 14.26 | 14.20  | 14.50                               | 1                        |
|                   |            | 12      | 13        | 13.96                 | 14.28 | 14.18  | 14.50                               | 1                        |
|                   |            | 25      | 0         | 14.00                 | 14.20 | 14.10  | 14.50                               | 1                        |
| 5                 | 16-QAM     | 1       | 0         | 13.86                 | 14.27 | 14.17  | 14.50                               | 1                        |
|                   |            | 1       | 12        | 14.05                 | 14.22 | 14.25  | 14.50                               | 1                        |
|                   |            | 1       | 24        | 13.92                 | 14.13 | 14.16  | 14.50                               | 1                        |
|                   |            | 12      | 0         | 12.97                 | 13.15 | 13.13  | 13.50                               | 2                        |
|                   |            | 12      | 6         | 12.95                 | 13.29 | 13.21  | 13.50                               | 2                        |
|                   |            | 12      | 13        | 13.06                 | 13.29 | 13.24  | 13.50                               | 2                        |
|                   |            | 25      | 0         | 12.86                 | 13.15 | 13.08  | 13.50                               | 2                        |
| 5                 | 64-QAM     | 1       | 0         | 13.00                 | 13.11 | 13.19  | 13.50                               | 2                        |
|                   |            | 1       | 12        | 13.07                 | 13.28 | 13.13  | 13.50                               | 2                        |
|                   |            | 1       | 24        | 13.00                 | 13.25 | 13.12  | 13.50                               | 2                        |
|                   |            | 12      | 0         | 12.00                 | 12.22 | 12.18  | 12.50                               | 3                        |
|                   |            | 12      | 6         | 11.97                 | 12.15 | 12.19  | 12.50                               | 3                        |
|                   |            | 12      | 13        | 12.05                 | 12.29 | 12.12  | 12.50                               | 3                        |
|                   |            | 25      | 0         | 11.98                 | 12.18 | 12.06  | 12.50                               | 3                        |
| 5                 | 256-QAM    | 1       | 0         | 11.89                 | 12.10 | 12.14  | 12.50                               | 3                        |
|                   |            | 1       | 12        | 12.01                 | 12.14 | 12.20  | 12.50                               | 3                        |
|                   |            | 1       | 24        | 11.92                 | 12.27 | 12.05  | 12.50                               | 3                        |
|                   |            | 12      | 0         | 10.95                 | 11.24 | 11.22  | 11.50                               | 4                        |
|                   |            | 12      | 6         | 11.05                 | 11.23 | 11.11  | 11.50                               | 4                        |
|                   |            | 12      | 13        | 11.06                 | 11.29 | 11.23  | 11.50                               | 4                        |
|                   |            | 25      | 0         | 10.95                 | 11.11 | 11.17  | 11.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3560                  | 3575  | 3590  |                                     |                          |
| Channel           |            |         |           | 43190                 | 43340 | 43490 |                                     |                          |
| 20                | QPSK       | 1       | 0         | 15.30                 | 15.31 | 15.22 | 15.50                               | 0                        |
|                   |            | 1       | 50        | 15.06                 | 15.21 | 15.12 | 15.50                               | 0                        |
|                   |            | 1       | 99        | 15.01                 | 15.16 | 15.03 | 15.50                               | 0                        |
|                   |            | 50      | 0         | 14.17                 | 14.09 | 14.00 | 14.50                               | 1                        |
|                   |            | 50      | 25        | 14.18                 | 14.22 | 14.09 | 14.50                               | 1                        |
|                   |            | 50      | 50        | 14.15                 | 14.16 | 14.14 | 14.50                               | 1                        |
|                   |            | 100     | 0         | 14.17                 | 14.28 | 14.04 | 14.50                               | 1                        |
| 20                | 16-QAM     | 1       | 0         | 14.02                 | 14.18 | 14.03 | 14.50                               | 1                        |
|                   |            | 1       | 50        | 14.22                 | 14.06 | 14.16 | 14.50                               | 1                        |
|                   |            | 1       | 99        | 14.17                 | 14.16 | 14.06 | 14.50                               | 1                        |
|                   |            | 50      | 0         | 13.05                 | 13.13 | 13.14 | 13.50                               | 2                        |
|                   |            | 50      | 25        | 13.13                 | 13.14 | 13.03 | 13.50                               | 2                        |
|                   |            | 50      | 50        | 13.02                 | 13.08 | 13.19 | 13.50                               | 2                        |
|                   |            | 100     | 0         | 13.14                 | 13.23 | 13.15 | 13.50                               | 2                        |
| 20                | 64-QAM     | 1       | 0         | 13.19                 | 13.22 | 13.06 | 13.50                               | 2                        |
|                   |            | 1       | 50        | 13.14                 | 13.10 | 13.08 | 13.50                               | 2                        |
|                   |            | 1       | 99        | 13.03                 | 13.19 | 12.97 | 13.50                               | 2                        |
|                   |            | 50      | 0         | 12.09                 | 12.17 | 12.01 | 12.50                               | 3                        |
|                   |            | 50      | 25        | 12.15                 | 12.13 | 12.07 | 12.50                               | 3                        |
|                   |            | 50      | 50        | 12.15                 | 12.14 | 12.05 | 12.50                               | 3                        |
|                   |            | 100     | 0         | 12.13                 | 12.24 | 12.14 | 12.50                               | 3                        |
| 20                | 256-QAM    | 1       | 0         | 12.16                 | 12.12 | 12.04 | 12.50                               | 3                        |
|                   |            | 1       | 50        | 12.10                 | 12.12 | 12.08 | 12.50                               | 3                        |
|                   |            | 1       | 99        | 12.17                 | 12.20 | 12.04 | 12.50                               | 3                        |
|                   |            | 50      | 0         | 11.10                 | 11.13 | 11.19 | 11.50                               | 4                        |
|                   |            | 50      | 25        | 11.19                 | 11.18 | 11.08 | 11.50                               | 4                        |
|                   |            | 50      | 50        | 11.22                 | 11.25 | 11.02 | 11.50                               | 4                        |
|                   |            | 100     | 0         | 11.15                 | 11.10 | 11.03 | 11.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3557.5                | 3575  | 3592.5 |                                     |                          |
| Channel           |            |         |           | 43165                 | 43340 | 43515  |                                     |                          |
| 15                | QPSK       | 1       | 0         | 15.12                 | 15.14 | 15.10  | 15.50                               | 0                        |
|                   |            | 1       | 36        | 15.15                 | 15.15 | 15.16  | 15.50                               | 0                        |
|                   |            | 1       | 74        | 15.19                 | 15.23 | 15.11  | 15.50                               | 0                        |
|                   |            | 36      | 0         | 14.19                 | 14.13 | 14.08  | 14.50                               | 1                        |
|                   |            | 36      | 18        | 14.17                 | 14.08 | 13.92  | 14.50                               | 1                        |
|                   |            | 36      | 37        | 14.09                 | 14.12 | 13.98  | 14.50                               | 1                        |
|                   |            | 75      | 0         | 14.06                 | 14.20 | 14.05  | 14.50                               | 1                        |
| 15                | 16-QAM     | 1       | 0         | 14.14                 | 14.17 | 14.04  | 14.50                               | 1                        |
|                   |            | 1       | 36        | 14.24                 | 14.17 | 13.98  | 14.50                               | 1                        |
|                   |            | 1       | 74        | 14.06                 | 14.11 | 14.11  | 14.50                               | 1                        |
|                   |            | 36      | 0         | 13.15                 | 13.27 | 12.94  | 13.50                               | 2                        |
|                   |            | 36      | 18        | 13.01                 | 13.22 | 13.08  | 13.50                               | 2                        |
|                   |            | 36      | 37        | 13.22                 | 13.19 | 13.09  | 13.50                               | 2                        |
|                   |            | 75      | 0         | 13.10                 | 13.03 | 13.00  | 13.50                               | 2                        |
| 15                | 64-QAM     | 1       | 0         | 13.21                 | 13.12 | 13.05  | 13.50                               | 2                        |
|                   |            | 1       | 36        | 13.09                 | 13.28 | 13.12  | 13.50                               | 2                        |
|                   |            | 1       | 74        | 13.10                 | 13.20 | 12.98  | 13.50                               | 2                        |
|                   |            | 36      | 0         | 12.21                 | 12.15 | 12.11  | 12.50                               | 3                        |
|                   |            | 36      | 18        | 12.17                 | 12.13 | 12.01  | 12.50                               | 3                        |
|                   |            | 36      | 37        | 12.20                 | 12.18 | 12.06  | 12.50                               | 3                        |
|                   |            | 75      | 0         | 12.16                 | 12.09 | 12.05  | 12.50                               | 3                        |
| 15                | 256-QAM    | 1       | 0         | 12.11                 | 12.03 | 12.04  | 12.50                               | 3                        |
|                   |            | 1       | 36        | 12.21                 | 12.16 | 12.06  | 12.50                               | 3                        |
|                   |            | 1       | 74        | 12.15                 | 12.11 | 12.03  | 12.50                               | 3                        |
|                   |            | 36      | 0         | 11.18                 | 11.09 | 11.17  | 11.50                               | 4                        |
|                   |            | 36      | 18        | 11.14                 | 11.13 | 11.06  | 11.50                               | 4                        |
|                   |            | 36      | 37        | 11.16                 | 11.28 | 11.07  | 11.50                               | 4                        |
|                   |            | 75      | 0         | 11.09                 | 11.20 | 11.05  | 11.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3555                  | 3575  | 3595  |                                     |                          |
| Channel           |            |         |           | 43140                 | 43340 | 43540 |                                     |                          |
| 10                | QPSK       | 1       | 0         | 15.12                 | 15.14 | 15.10 | 15.50                               | 0                        |
|                   |            | 1       | 25        | 15.15                 | 15.15 | 15.16 | 15.50                               | 0                        |
|                   |            | 1       | 49        | 15.19                 | 15.23 | 15.11 | 15.50                               | 0                        |
|                   |            | 25      | 0         | 14.19                 | 14.13 | 14.08 | 14.50                               | 1                        |
|                   |            | 25      | 12        | 14.17                 | 14.08 | 13.92 | 14.50                               | 1                        |
|                   |            | 25      | 25        | 14.09                 | 14.12 | 13.98 | 14.50                               | 1                        |
|                   |            | 50      | 0         | 14.06                 | 14.20 | 14.05 | 14.50                               | 1                        |
| 10                | 16-QAM     | 1       | 0         | 14.14                 | 14.17 | 14.04 | 14.50                               | 1                        |
|                   |            | 1       | 25        | 14.24                 | 14.17 | 13.98 | 14.50                               | 1                        |
|                   |            | 1       | 49        | 14.06                 | 14.11 | 14.11 | 14.50                               | 1                        |
|                   |            | 25      | 0         | 13.15                 | 13.27 | 12.94 | 13.50                               | 2                        |
|                   |            | 25      | 12        | 13.01                 | 13.22 | 13.08 | 13.50                               | 2                        |
|                   |            | 25      | 25        | 13.22                 | 13.19 | 13.09 | 13.50                               | 2                        |
|                   |            | 50      | 0         | 13.10                 | 13.03 | 13.00 | 13.50                               | 2                        |
| 10                | 64-QAM     | 1       | 0         | 13.21                 | 13.12 | 13.05 | 13.50                               | 2                        |
|                   |            | 1       | 25        | 13.09                 | 13.28 | 13.12 | 13.50                               | 2                        |
|                   |            | 1       | 49        | 13.10                 | 13.20 | 12.98 | 13.50                               | 2                        |
|                   |            | 25      | 0         | 12.21                 | 12.15 | 12.11 | 12.50                               | 3                        |
|                   |            | 25      | 12        | 12.17                 | 12.13 | 12.01 | 12.50                               | 3                        |
|                   |            | 25      | 25        | 12.20                 | 12.18 | 12.06 | 12.50                               | 3                        |
|                   |            | 50      | 0         | 12.16                 | 12.09 | 12.05 | 12.50                               | 3                        |
| 10                | 256-QAM    | 1       | 0         | 12.11                 | 12.03 | 12.04 | 12.50                               | 3                        |
|                   |            | 1       | 25        | 12.21                 | 12.16 | 12.06 | 12.50                               | 3                        |
|                   |            | 1       | 49        | 12.15                 | 12.11 | 12.03 | 12.50                               | 3                        |
|                   |            | 25      | 0         | 11.18                 | 11.09 | 11.17 | 11.50                               | 4                        |
|                   |            | 25      | 12        | 11.14                 | 11.13 | 11.06 | 11.50                               | 4                        |
|                   |            | 25      | 25        | 11.16                 | 11.28 | 11.07 | 11.50                               | 4                        |
|                   |            | 50      | 0         | 11.09                 | 11.20 | 11.05 | 11.50                               | 4                        |

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|-------------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)           | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)   |            |         |           | 3552.5                | 3575  | 3597.5 |                                     |                          |
| Channel           |            |         |           | 43115                 | 43340 | 43565  |                                     |                          |
| 5                 | QPSK       | 1       | 0         | 15.09                 | 15.27 | 15.11  | 15.50                               | 0                        |
|                   |            | 1       | 12        | 15.16                 | 15.07 | 15.09  | 15.50                               | 0                        |
|                   |            | 1       | 24        | 15.12                 | 15.17 | 15.07  | 15.50                               | 0                        |
|                   |            | 12      | 0         | 14.17                 | 14.11 | 14.10  | 14.50                               | 1                        |
|                   |            | 12      | 6         | 14.12                 | 14.12 | 14.10  | 14.50                               | 1                        |
|                   |            | 12      | 13        | 14.14                 | 14.19 | 14.11  | 14.50                               | 1                        |
|                   |            | 25      | 0         | 14.09                 | 14.19 | 14.00  | 14.50                               | 1                        |
| 5                 | 16-QAM     | 1       | 0         | 14.22                 | 14.17 | 14.08  | 14.50                               | 1                        |
|                   |            | 1       | 12        | 14.10                 | 14.18 | 14.16  | 14.50                               | 1                        |
|                   |            | 1       | 24        | 14.15                 | 14.07 | 14.12  | 14.50                               | 1                        |
|                   |            | 12      | 0         | 13.16                 | 13.16 | 13.11  | 13.50                               | 2                        |
|                   |            | 12      | 6         | 13.04                 | 13.15 | 13.06  | 13.50                               | 2                        |
|                   |            | 12      | 13        | 13.13                 | 13.09 | 13.01  | 13.50                               | 2                        |
|                   |            | 25      | 0         | 13.24                 | 13.16 | 12.98  | 13.50                               | 2                        |
| 5                 | 64-QAM     | 1       | 0         | 13.12                 | 13.20 | 13.07  | 13.50                               | 2                        |
|                   |            | 1       | 12        | 13.16                 | 13.15 | 13.04  | 13.50                               | 2                        |
|                   |            | 1       | 24        | 13.08                 | 13.16 | 13.03  | 13.50                               | 2                        |
|                   |            | 12      | 0         | 12.13                 | 12.27 | 12.03  | 12.50                               | 3                        |
|                   |            | 12      | 6         | 12.16                 | 12.09 | 12.00  | 12.50                               | 3                        |
|                   |            | 12      | 13        | 12.15                 | 12.06 | 11.96  | 12.50                               | 3                        |
|                   |            | 25      | 0         | 12.12                 | 12.06 | 12.03  | 12.50                               | 3                        |
| 5                 | 256-QAM    | 1       | 0         | 12.22                 | 12.22 | 12.12  | 12.50                               | 3                        |
|                   |            | 1       | 12        | 12.14                 | 12.11 | 12.18  | 12.50                               | 3                        |
|                   |            | 1       | 24        | 12.16                 | 12.12 | 11.95  | 12.50                               | 3                        |
|                   |            | 12      | 0         | 11.24                 | 11.12 | 11.06  | 11.50                               | 4                        |
|                   |            | 12      | 6         | 11.22                 | 11.25 | 11.05  | 11.50                               | 4                        |
|                   |            | 12      | 13        | 11.16                 | 11.18 | 11.06  | 11.50                               | 4                        |
|                   |            | 25      | 0         | 11.18                 | 11.15 | 10.99  | 11.50                               | 4                        |

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| LTE Band 43     |            |         |           |                       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3610                  | 3650  | 3690  |                                     |                          |
| Channel         |            |         |           | 43690                 | 44090 | 44490 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 15.04                 | 15.10 | 15.11 | 15.50                               | 0                        |
|                 |            | 1       | 50        | 14.88                 | 14.88 | 14.93 | 15.50                               | 0                        |
|                 |            | 1       | 99        | 14.78                 | 15.01 | 15.04 | 15.50                               | 0                        |
|                 |            | 50      | 0         | 13.84                 | 13.88 | 14.03 | 14.50                               | 1                        |
|                 |            | 50      | 25        | 13.86                 | 14.00 | 13.91 | 14.50                               | 1                        |
|                 |            | 50      | 50        | 13.92                 | 13.83 | 13.90 | 14.50                               | 1                        |
|                 |            | 100     | 0         | 13.76                 | 14.03 | 14.01 | 14.50                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 13.89                 | 14.04 | 13.82 | 14.50                               | 1                        |
|                 |            | 1       | 50        | 13.92                 | 13.90 | 13.86 | 14.50                               | 1                        |
|                 |            | 1       | 99        | 13.87                 | 13.90 | 13.91 | 14.50                               | 1                        |
|                 |            | 50      | 0         | 12.87                 | 12.88 | 12.94 | 13.50                               | 2                        |
|                 |            | 50      | 25        | 12.88                 | 12.94 | 12.95 | 13.50                               | 2                        |
|                 |            | 50      | 50        | 12.82                 | 12.99 | 12.98 | 13.50                               | 2                        |
|                 |            | 100     | 0         | 12.97                 | 13.01 | 12.92 | 13.50                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 12.85                 | 12.93 | 12.94 | 13.50                               | 2                        |
|                 |            | 1       | 50        | 12.86                 | 12.96 | 12.89 | 13.50                               | 2                        |
|                 |            | 1       | 99        | 12.98                 | 12.97 | 12.94 | 13.50                               | 2                        |
|                 |            | 50      | 0         | 11.75                 | 11.88 | 11.88 | 12.50                               | 3                        |
|                 |            | 50      | 25        | 11.89                 | 11.88 | 11.88 | 12.50                               | 3                        |
|                 |            | 50      | 50        | 11.80                 | 11.88 | 11.96 | 12.50                               | 3                        |
|                 |            | 100     | 0         | 11.93                 | 11.95 | 12.02 | 12.50                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 11.74                 | 11.96 | 12.04 | 12.50                               | 3                        |
|                 |            | 1       | 50        | 11.82                 | 11.95 | 11.93 | 12.50                               | 3                        |
|                 |            | 1       | 99        | 11.79                 | 12.00 | 12.09 | 12.50                               | 3                        |
|                 |            | 50      | 0         | 10.90                 | 11.04 | 10.94 | 11.50                               | 4                        |
|                 |            | 50      | 25        | 10.87                 | 10.92 | 10.99 | 11.50                               | 4                        |
|                 |            | 50      | 50        | 10.94                 | 10.87 | 10.93 | 11.50                               | 4                        |
|                 |            | 100     | 0         | 10.90                 | 10.86 | 10.94 | 11.50                               | 4                        |

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| LTE Band 43     |            |         |           |                       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3607.5                | 3650  | 3692.5 |                                     |                          |
| Channel         |            |         |           | 43665                 | 44090 | 44515  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 14.79                 | 14.98 | 14.98  | 15.50                               | 0                        |
|                 |            | 1       | 36        | 14.81                 | 14.85 | 14.87  | 15.50                               | 0                        |
|                 |            | 1       | 74        | 14.88                 | 14.91 | 14.98  | 15.50                               | 0                        |
|                 |            | 36      | 0         | 13.76                 | 13.95 | 13.88  | 14.50                               | 1                        |
|                 |            | 36      | 18        | 13.98                 | 13.93 | 13.85  | 14.50                               | 1                        |
|                 |            | 36      | 37        | 13.97                 | 13.87 | 13.96  | 14.50                               | 1                        |
|                 |            | 75      | 0         | 13.86                 | 13.92 | 13.90  | 14.50                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 13.82                 | 14.05 | 13.90  | 14.50                               | 1                        |
|                 |            | 1       | 36        | 13.95                 | 13.92 | 13.97  | 14.50                               | 1                        |
|                 |            | 1       | 74        | 13.83                 | 13.91 | 13.86  | 14.50                               | 1                        |
|                 |            | 36      | 0         | 12.97                 | 12.97 | 12.90  | 13.50                               | 2                        |
|                 |            | 36      | 18        | 12.97                 | 13.06 | 12.96  | 13.50                               | 2                        |
|                 |            | 36      | 37        | 12.96                 | 12.95 | 12.92  | 13.50                               | 2                        |
|                 |            | 75      | 0         | 12.83                 | 12.98 | 12.96  | 13.50                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 12.85                 | 12.93 | 12.97  | 13.50                               | 2                        |
|                 |            | 1       | 36        | 12.98                 | 12.99 | 13.00  | 13.50                               | 2                        |
|                 |            | 1       | 74        | 12.83                 | 12.93 | 12.95  | 13.50                               | 2                        |
|                 |            | 36      | 0         | 11.89                 | 11.96 | 12.01  | 12.50                               | 3                        |
|                 |            | 36      | 18        | 11.89                 | 11.82 | 11.98  | 12.50                               | 3                        |
|                 |            | 36      | 37        | 11.93                 | 11.94 | 11.99  | 12.50                               | 3                        |
|                 |            | 75      | 0         | 11.88                 | 11.95 | 11.97  | 12.50                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 11.86                 | 11.99 | 11.93  | 12.50                               | 3                        |
|                 |            | 1       | 36        | 11.85                 | 11.89 | 11.96  | 12.50                               | 3                        |
|                 |            | 1       | 74        | 11.92                 | 11.95 | 11.99  | 12.50                               | 3                        |
|                 |            | 36      | 0         | 10.78                 | 11.00 | 11.01  | 11.50                               | 4                        |
|                 |            | 36      | 18        | 10.91                 | 10.97 | 10.89  | 11.50                               | 4                        |
|                 |            | 36      | 37        | 10.84                 | 10.83 | 10.91  | 11.50                               | 4                        |
|                 |            | 75      | 0         | 10.77                 | 10.92 | 10.92  | 11.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3605                  | 3650  | 3695  |                                     |                          |
| Channel         |            |         |           | 43640                 | 44090 | 44540 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 14.98                 | 14.91 | 14.98 | 15.50                               | 0                        |
|                 |            | 1       | 25        | 14.83                 | 14.89 | 14.99 | 15.50                               | 0                        |
|                 |            | 1       | 49        | 14.91                 | 14.92 | 15.01 | 15.50                               | 0                        |
|                 |            | 25      | 0         | 13.81                 | 13.94 | 14.03 | 14.50                               | 1                        |
|                 |            | 25      | 12        | 13.99                 | 13.99 | 13.99 | 14.50                               | 1                        |
|                 |            | 25      | 25        | 13.90                 | 13.91 | 14.02 | 14.50                               | 1                        |
|                 |            | 50      | 0         | 13.95                 | 13.90 | 13.97 | 14.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 13.83                 | 13.94 | 13.99 | 14.50                               | 1                        |
|                 |            | 1       | 25        | 13.78                 | 13.87 | 13.92 | 14.50                               | 1                        |
|                 |            | 1       | 49        | 13.82                 | 13.82 | 13.97 | 14.50                               | 1                        |
|                 |            | 25      | 0         | 12.78                 | 12.96 | 12.89 | 13.50                               | 2                        |
|                 |            | 25      | 12        | 12.84                 | 12.92 | 12.92 | 13.50                               | 2                        |
|                 |            | 25      | 25        | 12.85                 | 12.99 | 12.99 | 13.50                               | 2                        |
|                 |            | 50      | 0         | 12.90                 | 12.86 | 12.93 | 13.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 12.91                 | 13.03 | 12.92 | 13.50                               | 2                        |
|                 |            | 1       | 25        | 12.99                 | 12.92 | 12.96 | 13.50                               | 2                        |
|                 |            | 1       | 49        | 12.87                 | 12.82 | 12.94 | 13.50                               | 2                        |
|                 |            | 25      | 0         | 11.89                 | 11.97 | 11.95 | 12.50                               | 3                        |
|                 |            | 25      | 12        | 11.76                 | 12.05 | 11.86 | 12.50                               | 3                        |
|                 |            | 25      | 25        | 11.82                 | 11.96 | 11.86 | 12.50                               | 3                        |
|                 |            | 50      | 0         | 11.88                 | 11.92 | 11.84 | 12.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 11.81                 | 11.94 | 11.88 | 12.50                               | 3                        |
|                 |            | 1       | 25        | 11.88                 | 11.84 | 11.96 | 12.50                               | 3                        |
|                 |            | 1       | 49        | 11.98                 | 11.95 | 11.95 | 12.50                               | 3                        |
|                 |            | 25      | 0         | 10.96                 | 10.83 | 10.90 | 11.50                               | 4                        |
|                 |            | 25      | 12        | 10.80                 | 10.98 | 10.98 | 11.50                               | 4                        |
|                 |            | 25      | 25        | 10.80                 | 10.87 | 11.08 | 11.50                               | 4                        |
|                 |            | 50      | 0         | 10.76                 | 10.89 | 10.90 | 11.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3602.5                | 3650  | 3697.5 |                                     |                          |
| Channel         |            |         |           | 43615                 | 44090 | 44565  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 14.80                 | 14.89 | 14.96  | 15.50                               | 0                        |
|                 |            | 1       | 12        | 14.92                 | 14.97 | 14.94  | 15.50                               | 0                        |
|                 |            | 1       | 24        | 14.92                 | 14.90 | 14.94  | 15.50                               | 0                        |
|                 |            | 12      | 0         | 13.97                 | 13.97 | 14.02  | 14.50                               | 1                        |
|                 |            | 12      | 6         | 13.82                 | 13.93 | 13.93  | 14.50                               | 1                        |
|                 |            | 12      | 13        | 13.88                 | 13.89 | 13.85  | 14.50                               | 1                        |
|                 |            | 25      | 0         | 13.89                 | 14.03 | 13.96  | 14.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 13.95                 | 13.88 | 13.86  | 14.50                               | 1                        |
|                 |            | 1       | 12        | 13.93                 | 14.03 | 13.92  | 14.50                               | 1                        |
|                 |            | 1       | 24        | 13.99                 | 13.97 | 14.05  | 14.50                               | 1                        |
|                 |            | 12      | 0         | 12.95                 | 12.83 | 13.04  | 13.50                               | 2                        |
|                 |            | 12      | 6         | 12.87                 | 12.94 | 12.92  | 13.50                               | 2                        |
|                 |            | 12      | 13        | 12.97                 | 12.84 | 13.00  | 13.50                               | 2                        |
|                 |            | 25      | 0         | 12.96                 | 13.00 | 13.03  | 13.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 12.83                 | 12.91 | 12.95  | 13.50                               | 2                        |
|                 |            | 1       | 12        | 12.79                 | 12.85 | 12.92  | 13.50                               | 2                        |
|                 |            | 1       | 24        | 12.79                 | 13.00 | 12.95  | 13.50                               | 2                        |
|                 |            | 12      | 0         | 11.89                 | 11.94 | 11.84  | 12.50                               | 3                        |
|                 |            | 12      | 6         | 11.91                 | 11.91 | 11.93  | 12.50                               | 3                        |
|                 |            | 12      | 13        | 11.80                 | 11.92 | 11.97  | 12.50                               | 3                        |
|                 |            | 25      | 0         | 12.00                 | 11.98 | 12.04  | 12.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 11.97                 | 11.97 | 11.93  | 12.50                               | 3                        |
|                 |            | 1       | 12        | 11.99                 | 12.08 | 11.91  | 12.50                               | 3                        |
|                 |            | 1       | 24        | 11.82                 | 11.94 | 11.89  | 12.50                               | 3                        |
|                 |            | 12      | 0         | 10.92                 | 10.94 | 10.89  | 11.50                               | 4                        |
|                 |            | 12      | 6         | 10.85                 | 11.01 | 11.01  | 11.50                               | 4                        |
|                 |            | 12      | 13        | 10.92                 | 10.99 | 10.88  | 11.50                               | 4                        |
|                 |            | 25      | 0         | 10.82                 | 11.00 | 10.88  | 11.50                               | 4                        |

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| LTE Band 48     |            |         |           |                       |       |       |       |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3560                  | 3609  | 3641  | 3690  |                                     |                          |
| Channel         |            |         |           | 55340                 | 55830 | 56150 | 56640 |                                     |                          |
| 20              | QPSK       | 1       | 0         | 15.24                 | 15.35 | 15.40 | 15.45 | 15.50                               | 0                        |
|                 |            | 1       | 50        | 15.20                 | 15.19 | 15.22 | 15.19 | 15.50                               | 0                        |
|                 |            | 1       | 99        | 15.03                 | 15.23 | 15.27 | 15.35 | 15.50                               | 0                        |
|                 |            | 50      | 0         | 14.05                 | 14.19 | 14.25 | 14.27 | 14.50                               | 1                        |
|                 |            | 50      | 25        | 13.98                 | 14.29 | 14.19 | 14.24 | 14.50                               | 1                        |
|                 |            | 50      | 50        | 14.08                 | 14.22 | 14.21 | 14.21 | 14.50                               | 1                        |
|                 |            | 100     | 0         | 14.06                 | 14.20 | 14.21 | 14.32 | 14.50                               | 1                        |
| 20              | 16-QAM     | 1       | 0         | 14.02                 | 14.25 | 14.16 | 14.26 | 14.50                               | 1                        |
|                 |            | 1       | 50        | 14.12                 | 14.23 | 14.23 | 14.26 | 14.50                               | 1                        |
|                 |            | 1       | 99        | 13.98                 | 14.28 | 14.30 | 14.31 | 14.50                               | 1                        |
|                 |            | 50      | 0         | 13.03                 | 13.15 | 13.27 | 13.28 | 13.50                               | 2                        |
|                 |            | 50      | 25        | 13.02                 | 13.21 | 13.32 | 13.37 | 13.50                               | 2                        |
|                 |            | 50      | 50        | 12.97                 | 13.23 | 13.29 | 13.19 | 13.50                               | 2                        |
|                 |            | 100     | 0         | 13.07                 | 13.22 | 13.33 | 13.22 | 13.50                               | 2                        |
| 20              | 64-QAM     | 1       | 0         | 13.05                 | 13.16 | 13.20 | 13.29 | 13.50                               | 2                        |
|                 |            | 1       | 50        | 13.14                 | 13.20 | 13.21 | 13.35 | 13.50                               | 2                        |
|                 |            | 1       | 99        | 13.05                 | 13.17 | 13.25 | 13.40 | 13.50                               | 2                        |
|                 |            | 50      | 0         | 12.08                 | 12.24 | 12.36 | 12.36 | 12.50                               | 3                        |
|                 |            | 50      | 25        | 12.05                 | 12.21 | 12.20 | 12.31 | 12.50                               | 3                        |
|                 |            | 50      | 50        | 12.09                 | 12.19 | 12.18 | 12.42 | 12.50                               | 3                        |
|                 |            | 100     | 0         | 12.06                 | 12.11 | 12.16 | 12.29 | 12.50                               | 3                        |
| 20              | 256-QAM    | 1       | 0         | 12.11                 | 12.13 | 12.23 | 12.19 | 12.50                               | 3                        |
|                 |            | 1       | 50        | 12.07                 | 12.06 | 12.28 | 12.24 | 12.50                               | 3                        |
|                 |            | 1       | 99        | 11.96                 | 12.14 | 12.26 | 12.30 | 12.50                               | 3                        |
|                 |            | 50      | 0         | 11.05                 | 11.29 | 11.32 | 11.23 | 11.50                               | 4                        |
|                 |            | 50      | 25        | 11.04                 | 11.25 | 11.23 | 11.29 | 11.50                               | 4                        |
|                 |            | 50      | 50        | 11.16                 | 11.18 | 11.23 | 11.31 | 11.50                               | 4                        |
|                 |            | 100     | 0         | 11.11                 | 11.17 | 11.23 | 11.25 | 11.50                               | 4                        |

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| LTE Band 48     |            |         |           |                       |       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3557.5                | 3608  | 3642  | 3692.5 |                                     |                          |
| Channel         |            |         |           | 55315                 | 55820 | 56160 | 56665  |                                     |                          |
| 15              | QPSK       | 1       | 0         | 14.99                 | 15.25 | 15.15 | 15.22  | 15.50                               | 0                        |
|                 |            | 1       | 36        | 15.04                 | 15.15 | 15.10 | 15.26  | 15.50                               | 0                        |
|                 |            | 1       | 74        | 15.12                 | 15.15 | 15.25 | 15.22  | 15.50                               | 0                        |
|                 |            | 36      | 0         | 14.06                 | 14.18 | 14.22 | 14.25  | 14.50                               | 1                        |
|                 |            | 36      | 18        | 13.97                 | 14.15 | 14.17 | 14.24  | 14.50                               | 1                        |
|                 |            | 36      | 37        | 14.06                 | 14.27 | 14.16 | 14.35  | 14.50                               | 1                        |
|                 |            | 75      | 0         | 14.18                 | 14.24 | 14.28 | 14.36  | 14.50                               | 1                        |
| 15              | 16-QAM     | 1       | 0         | 14.02                 | 14.25 | 14.22 | 14.39  | 14.50                               | 1                        |
|                 |            | 1       | 36        | 14.03                 | 14.12 | 14.37 | 14.26  | 14.50                               | 1                        |
|                 |            | 1       | 74        | 14.03                 | 14.22 | 14.19 | 14.21  | 14.50                               | 1                        |
|                 |            | 36      | 0         | 13.20                 | 13.20 | 13.27 | 13.19  | 13.50                               | 2                        |
|                 |            | 36      | 18        | 13.07                 | 13.22 | 13.27 | 13.23  | 13.50                               | 2                        |
|                 |            | 36      | 37        | 13.02                 | 13.28 | 13.37 | 13.34  | 13.50                               | 2                        |
|                 |            | 75      | 0         | 13.04                 | 13.20 | 13.27 | 13.33  | 13.50                               | 2                        |
| 15              | 64-QAM     | 1       | 0         | 13.03                 | 13.24 | 13.34 | 13.23  | 13.50                               | 2                        |
|                 |            | 1       | 36        | 12.98                 | 13.28 | 13.36 | 13.26  | 13.50                               | 2                        |
|                 |            | 1       | 74        | 13.16                 | 13.25 | 13.29 | 13.30  | 13.50                               | 2                        |
|                 |            | 36      | 0         | 12.10                 | 12.16 | 12.31 | 12.29  | 12.50                               | 3                        |
|                 |            | 36      | 18        | 12.08                 | 12.18 | 12.23 | 12.40  | 12.50                               | 3                        |
|                 |            | 36      | 37        | 12.01                 | 12.08 | 12.30 | 12.29  | 12.50                               | 3                        |
|                 |            | 75      | 0         | 11.96                 | 12.22 | 12.29 | 12.22  | 12.50                               | 3                        |
| 15              | 256-QAM    | 1       | 0         | 11.96                 | 12.27 | 12.25 | 12.27  | 12.50                               | 3                        |
|                 |            | 1       | 36        | 12.11                 | 12.28 | 12.12 | 12.25  | 12.50                               | 3                        |
|                 |            | 1       | 74        | 12.13                 | 12.21 | 12.23 | 12.22  | 12.50                               | 3                        |
|                 |            | 36      | 0         | 11.14                 | 11.09 | 11.23 | 11.38  | 11.50                               | 4                        |
|                 |            | 36      | 18        | 11.05                 | 11.09 | 11.34 | 11.27  | 11.50                               | 4                        |
|                 |            | 36      | 37        | 11.15                 | 11.22 | 11.30 | 11.28  | 11.50                               | 4                        |
|                 |            | 75      | 0         | 10.98                 | 11.14 | 11.37 | 11.29  | 11.50                               | 4                        |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        |       | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3555                  | 3607.5 | 3642.5 | 3695  |                                     |                          |
| Channel         |            |         |           | 55290                 | 55815  | 56165  | 56690 |                                     |                          |
| 10              | QPSK       | 1       | 0         | 14.99                 | 15.25  | 15.15  | 15.27 | 15.50                               | 0                        |
|                 |            | 1       | 25        | 15.04                 | 15.15  | 15.35  | 15.34 | 15.50                               | 0                        |
|                 |            | 1       | 49        | 15.12                 | 15.15  | 15.34  | 15.31 | 15.50                               | 0                        |
|                 |            | 25      | 0         | 14.06                 | 14.18  | 14.22  | 14.25 | 14.50                               | 1                        |
|                 |            | 25      | 12        | 13.97                 | 14.15  | 14.14  | 14.28 | 14.50                               | 1                        |
|                 |            | 25      | 25        | 14.06                 | 14.27  | 14.18  | 14.30 | 14.50                               | 1                        |
|                 |            | 50      | 0         | 14.18                 | 14.24  | 14.28  | 14.33 | 14.50                               | 1                        |
| 10              | 16-QAM     | 1       | 0         | 14.02                 | 14.25  | 14.25  | 14.24 | 14.50                               | 1                        |
|                 |            | 1       | 25        | 14.03                 | 14.12  | 14.20  | 14.33 | 14.50                               | 1                        |
|                 |            | 1       | 49        | 14.03                 | 14.22  | 14.25  | 14.26 | 14.50                               | 1                        |
|                 |            | 25      | 0         | 13.20                 | 13.20  | 13.34  | 13.27 | 13.50                               | 2                        |
|                 |            | 25      | 12        | 13.07                 | 13.22  | 13.16  | 13.26 | 13.50                               | 2                        |
|                 |            | 25      | 25        | 13.02                 | 13.28  | 13.28  | 13.19 | 13.50                               | 2                        |
|                 |            | 50      | 0         | 13.04                 | 13.20  | 13.26  | 13.37 | 13.50                               | 2                        |
| 10              | 64-QAM     | 1       | 0         | 13.03                 | 13.24  | 13.24  | 13.22 | 13.50                               | 2                        |
|                 |            | 1       | 25        | 12.98                 | 13.28  | 13.28  | 13.30 | 13.50                               | 2                        |
|                 |            | 1       | 49        | 13.16                 | 13.25  | 13.25  | 13.36 | 13.50                               | 2                        |
|                 |            | 25      | 0         | 12.10                 | 12.16  | 12.19  | 12.27 | 12.50                               | 3                        |
|                 |            | 25      | 12        | 12.08                 | 12.18  | 12.31  | 12.24 | 12.50                               | 3                        |
|                 |            | 25      | 25        | 12.01                 | 12.08  | 12.27  | 12.18 | 12.50                               | 3                        |
|                 |            | 50      | 0         | 11.96                 | 12.22  | 12.28  | 12.18 | 12.50                               | 3                        |
| 10              | 256-QAM    | 1       | 0         | 11.96                 | 12.27  | 12.27  | 12.27 | 12.50                               | 3                        |
|                 |            | 1       | 25        | 12.11                 | 12.28  | 12.34  | 12.36 | 12.50                               | 3                        |
|                 |            | 1       | 49        | 12.13                 | 12.21  | 12.15  | 12.25 | 12.50                               | 3                        |
|                 |            | 25      | 0         | 11.14                 | 11.09  | 11.23  | 11.38 | 11.50                               | 4                        |
|                 |            | 25      | 12        | 11.05                 | 11.09  | 11.20  | 11.20 | 11.50                               | 4                        |
|                 |            | 25      | 25        | 11.15                 | 11.22  | 11.34  | 11.35 | 11.50                               | 4                        |
|                 |            | 50      | 0         | 10.98                 | 11.14  | 11.23  | 11.32 | 11.50                               | 4                        |

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| LTE Band 48     |            |         |           |                       |       |       |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|-------|-------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |       |       |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3552.5                | 3607  | 3643  | 3697.5 |                                     |                          |
| Channel         |            |         |           | 55265                 | 55810 | 56170 | 56715  |                                     |                          |
| 5               | QPSK       | 1       | 0         | 15.07                 | 15.10 | 15.19 | 15.31  | 15.50                               | 0                        |
|                 |            | 1       | 12        | 14.94                 | 15.19 | 15.27 | 15.35  | 15.50                               | 0                        |
|                 |            | 1       | 24        | 15.03                 | 15.18 | 15.30 | 15.35  | 15.50                               | 0                        |
|                 |            | 12      | 0         | 14.05                 | 14.10 | 14.18 | 14.39  | 14.50                               | 1                        |
|                 |            | 12      | 6         | 14.13                 | 14.21 | 14.25 | 14.35  | 14.50                               | 1                        |
|                 |            | 12      | 13        | 14.07                 | 14.09 | 14.23 | 14.35  | 14.50                               | 1                        |
|                 |            | 25      | 0         | 14.05                 | 14.22 | 14.16 | 14.22  | 14.50                               | 1                        |
| 5               | 16-QAM     | 1       | 0         | 14.06                 | 14.09 | 14.17 | 14.29  | 14.50                               | 1                        |
|                 |            | 1       | 12        | 14.09                 | 14.20 | 14.34 | 14.19  | 14.50                               | 1                        |
|                 |            | 1       | 24        | 14.14                 | 14.16 | 14.32 | 14.23  | 14.50                               | 1                        |
|                 |            | 12      | 0         | 13.14                 | 13.22 | 13.22 | 13.23  | 13.50                               | 2                        |
|                 |            | 12      | 6         | 13.20                 | 13.28 | 13.22 | 13.36  | 13.50                               | 2                        |
|                 |            | 12      | 13        | 13.11                 | 13.19 | 13.26 | 13.38  | 13.50                               | 2                        |
|                 |            | 25      | 0         | 13.10                 | 13.18 | 13.27 | 13.18  | 13.50                               | 2                        |
| 5               | 64-QAM     | 1       | 0         | 13.16                 | 13.23 | 13.24 | 13.27  | 13.50                               | 2                        |
|                 |            | 1       | 12        | 13.08                 | 13.18 | 13.25 | 13.39  | 13.50                               | 2                        |
|                 |            | 1       | 24        | 13.16                 | 13.13 | 13.26 | 13.22  | 13.50                               | 2                        |
|                 |            | 12      | 0         | 12.09                 | 12.17 | 12.27 | 12.21  | 12.50                               | 3                        |
|                 |            | 12      | 6         | 12.12                 | 12.29 | 12.24 | 12.30  | 12.50                               | 3                        |
|                 |            | 12      | 13        | 12.04                 | 12.26 | 12.34 | 12.33  | 12.50                               | 3                        |
|                 |            | 25      | 0         | 12.08                 | 12.32 | 12.26 | 12.16  | 12.50                               | 3                        |
| 5               | 256-QAM    | 1       | 0         | 12.16                 | 12.24 | 12.18 | 12.17  | 12.50                               | 3                        |
|                 |            | 1       | 12        | 12.19                 | 12.26 | 12.22 | 12.33  | 12.50                               | 3                        |
|                 |            | 1       | 24        | 12.12                 | 12.11 | 12.37 | 12.22  | 12.50                               | 3                        |
|                 |            | 12      | 0         | 11.00                 | 11.20 | 11.28 | 11.36  | 11.50                               | 4                        |
|                 |            | 12      | 6         | 11.13                 | 11.14 | 11.29 | 11.27  | 11.50                               | 4                        |
|                 |            | 12      | 13        | 11.12                 | 11.12 | 11.24 | 11.31  | 11.50                               | 4                        |
|                 |            | 25      | 0         | 11.18                 | 11.30 | 11.25 | 11.28  | 11.50                               | 4                        |

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## 5.4 LTE DL CA

## Tablet mode

## LTE Downlink 2CA conducted power table

| Two Component Carrier Maximum Conducted Power |                     |                  |                          |            |             |                    |                  |                          |          |                     |                  |                          |                                      |                                        |                |
|-----------------------------------------------|---------------------|------------------|--------------------------|------------|-------------|--------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|--------------------------------------|----------------------------------------|----------------|
| PCC                                           |                     |                  |                          |            |             |                    |                  |                          | SCC      |                     |                  |                          | Power                                |                                        | Configurations |
| PCC Band                                      | PCC Bandwidth [MHz] | PCC (UL) Channel | PCC (UL) Frequency [MHz] | Modulation | PCC (UL) RB | PCC (UL) RB Offset | PCC (DL) Channel | PCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | LTE Tx.Power with DL CA active (dBm) | LTE Tx.Power with DL CA inactive (dBm) |                |
| 2                                             | 10                  | 19150            | 1905                     | QPSK       | 1           | 0                  | 1150             | 1985                     | 17       | 10                  | 5790             | 740                      | 15.80                                | 16.21                                  | CA 2A-17A      |
| 4                                             | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 17       | 10                  | 5790             | 740                      | 16.74                                | 16.87                                  | CA 4A-17A      |
| 4                                             | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 48       | 20                  | 55830            | 3609                     | 16.60                                | 16.87                                  | CA 4A-48A      |
| 5                                             | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 7        | 20                  | 3100             | 2655                     | 17.95                                | 18.13                                  | CA 5A-7A       |
| 7                                             | 20                  | 21100            | 2535                     | QPSK       | 1           | 0                  | 3100             | 2655                     | 5        | 10                  | 2525             | 881.5                    | 16.80                                | 17.15                                  | CA 7A-5A       |
| 7                                             | 20                  | 21350            | 2560                     | QPSK       | 1           | 0                  | 3350             | 2680                     | 7        | 5                   | 2775             | 2622.5                   | 16.77                                | 17.15                                  | CA 7A-7A       |
| 13                                            | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 48       | 20                  | 55830            | 3609                     | 17.64                                | 17.87                                  | CA 13A-48A     |
| 13                                            | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 66       | 20                  | 66886            | 2155                     | 17.45                                | 17.87                                  | CA 13A-66A     |
| 14                                            | 10                  | 23330            | 793                      | QPSK       | 1           | 0                  | 5330             | 763                      | 30       | 10                  | 9820             | 2355                     | 17.85                                | 18.04                                  | CA 14A-30A     |
| 14                                            | 10                  | 23330            | 793                      | QPSK       | 1           | 0                  | 5330             | 763                      | 66       | 20                  | 66886            | 2155                     | 17.83                                | 18.04                                  | CA 14A-66A     |
| 17                                            | 10                  | 23790            | 710                      | QPSK       | 1           | 0                  | 5790             | 740                      | 2        | 10                  | 900              | 1960                     | 17.55                                | 17.93                                  | CA 17A-2A      |
| 17                                            | 10                  | 23790            | 710                      | QPSK       | 1           | 0                  | 5790             | 740                      | 4        | 10                  | 2175             | 2132.5                   | 17.55                                | 17.93                                  | CA 17A-4A      |
| 25                                            | 20                  | 26140            | 1860                     | QPSK       | 1           | 0                  | 8140             | 1940                     | 25       | 5                   | 8665             | 1992.5                   | 17.92                                | 18.28                                  | CA 25A-25A     |
| 25                                            | 20                  | 26140            | 1860                     | QPSK       | 1           | 0                  | 8140             | 1940                     | 26       | 15                  | 8865             | 876.5                    | 17.92                                | 18.28                                  | CA 25A-26A     |
| 25                                            | 20                  | 26140            | 1860                     | QPSK       | 1           | 0                  | 8140             | 1940                     | 41       | 20                  | 40620            | 2593                     | 17.83                                | 18.28                                  | CA 25A-41A     |
| 26                                            | 15                  | 26865            | 831.5                    | QPSK       | 1           | 0                  | 8865             | 876.5                    | 25       | 20                  | 8340             | 1960                     | 17.30                                | 17.70                                  | CA 26A-25A     |
| 26                                            | 15                  | 26865            | 831.5                    | QPSK       | 1           | 0                  | 8865             | 876.5                    | 41       | 20                  | 40620            | 2593                     | 17.55                                | 17.70                                  | CA 26A-41A     |
| 30                                            | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 14       | 10                  | 5330             | 763                      | 17.42                                | 17.68                                  | CA 30A-14A     |
| 30                                            | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 66       | 20                  | 66886            | 2155                     | 17.22                                | 17.68                                  | CA 30A-66A     |
| 41                                            | 20                  | 40620            | 2593                     | QPSK       | 1           | 0                  | 40620            | 2593                     | 25       | 20                  | 8340             | 1960                     | 16.59                                | 16.76                                  | CA 41A-25A     |
| 41                                            | 20                  | 40620            | 2593                     | QPSK       | 1           | 0                  | 40620            | 2593                     | 26       | 15                  | 8865             | 876.5                    | 16.57                                | 16.76                                  | CA 41A-26A     |
| 41                                            | 20                  | 41055            | 2636.5                   | QPSK       | 1           | 0                  | 41055            | 2636.5                   | 41       | 5                   | 39675            | 2498.5                   | 16.53                                | 16.76                                  | CA 41A-41A     |
| 48                                            | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 4        | 20                  | 2175             | 2132.5                   | 15.17                                | 15.45                                  | CA 48A-4A      |
| 48                                            | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 13       | 10                  | 5230             | 751                      | 15.30                                | 15.45                                  | CA 48A-13A     |
| 48                                            | 20                  | 56150            | 3641                     | QPSK       | 1           | 0                  | 56150            | 3641                     | 48       | 5                   | 55265            | 3552.5                   | 15.19                                | 15.45                                  | CA 48A-48A     |
| 48                                            | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 66       | 20                  | 66886            | 2155                     | 15.13                                | 15.45                                  | CA 48A-66A     |
| 66                                            | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 12       | 10                  | 5095             | 737.5                    | 16.70                                | 16.98                                  | CA 66A-12A     |
| 66                                            | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 13       | 10                  | 5230             | 751                      | 16.78                                | 16.98                                  | CA 66A-13A     |
| 66                                            | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 14       | 10                  | 5330             | 763                      | 16.56                                | 16.98                                  | CA 66A-14A     |
| 66                                            | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 30       | 10                  | 9820             | 2355                     | 16.70                                | 16.98                                  | CA 66A-30A     |
| 66                                            | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 48       | 20                  | 55830            | 3609                     | 16.59                                | 16.98                                  | CA 66A-48A     |
| 66                                            | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 66       | 5                   | 66461            | 2112.5                   | 16.82                                | 16.98                                  | CA 66A-66A     |
| 66                                            | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 71       | 20                  | 68761            | 634.5                    | 16.83                                | 16.98                                  | CA 66A-71A     |
| 71                                            | 20                  | 133297           | 680.5                    | QPSK       | 1           | 0                  | 68761            | 634.5                    | 66       | 20                  | 66886            | 2155                     | 19.64                                | 19.85                                  | CA 71A-66A     |
| 7                                             | 20                  | 21350            | 2560                     | QPSK       | 1           | 0                  | 3350             | 2680                     | 7        | 20                  | 3152             | 2660.2                   | 16.88                                | 17.15                                  | CA 7C          |
| 38                                            | 20                  | 37850            | 2580                     | QPSK       | 1           | 0                  | 37850            | 2580                     | 38       | 20                  | 38048            | 2599.8                   | 17.71                                | 17.96                                  | CA 38C         |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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## LTE Downlink 3CA conducted power table

| Three Component Carrier Maximum Conducted Power |                     |                  |                          |            |             |                    |                  |                          |          |                     |                  |                          |          |                     |                  |                          |                                     |                                       |  |                |
|-------------------------------------------------|---------------------|------------------|--------------------------|------------|-------------|--------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|-------------------------------------|---------------------------------------|--|----------------|
| PCC                                             |                     |                  |                          |            |             |                    |                  |                          |          | SCC 1               |                  |                          |          | SCC 2               |                  |                          |                                     | Power                                 |  | Configurations |
| PCC Band                                        | PCC Bandwidth [MHz] | PCC (UL) Channel | PCC (UL) Frequency [MHz] | Modulation | PCC (UL) RB | PCC (UL) RB Offset | PCC (DL) Channel | PCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | LTE TxPower with DL CA active (dBm) | LTE TxPower with DL CA inactive (dBm) |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 2        | 20                  | 900              | 1960                     | 16.06                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 12       | 10                  | 5095             | 737.5                    | 2        | 20                  | 900              | 1960                     | 15.78                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 13       | 10                  | 5230             | 751                      | 2        | 20                  | 900              | 1960                     | 16.02                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 14       | 10                  | 5330             | 763                      | 2        | 20                  | 900              | 1960                     | 15.80                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 4        | 20                  | 2175             | 2132.5                   | 15.86                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 13       | 10                  | 5230             | 751                      | 4        | 20                  | 2175             | 2132.5                   | 15.86                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 48       | 20                  | 55830            | 3609                     | 5        | 10                  | 2525             | 881.5                    | 15.73                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 4        | 20                  | 2175             | 2132.5                   | 16.05                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 5        | 10                  | 2525             | 881.5                    | 15.79                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 20                  | 1098             | 1979.8                   | 66       | 20                  | 66886            | 2155                     | 15.95                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 12       | 10                  | 5095             | 737.5                    | 16.10                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 13       | 10                  | 5230             | 751                      | 15.90                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 14       | 10                  | 5330             | 763                      | 15.79                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 30       | 10                  | 9820             | 2355                     | 15.86                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 66       | 20                  | 66886            | 2155                     | 15.93                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 71       | 20                  | 68761            | 634.5                    | 16.01                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 4        | 5                   | 1975             | 2112.5                   | 15.87                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 5        | 10                  | 2525             | 881.5                    | 15.88                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 7        | 20                  | 3100             | 2655                     | 15.93                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 12       | 10                  | 5095             | 737.5                    | 15.89                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 13       | 10                  | 5230             | 751                      | 15.86                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 30       | 10                  | 9820             | 2355                     | 15.88                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 71       | 20                  | 68761            | 634.5                    | 15.83                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 5        | 5                   | 2425             | 871.5                    | 15.98                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 30       | 10                  | 9820             | 2355                     | 15.85                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 48       | 20                  | 55830            | 3609                     | 16.03                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 66       | 20                  | 66886            | 2155                     | 15.89                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 12       | 10                  | 5095             | 737.5                    | 30       | 10                  | 9820             | 2355                     | 15.90                               | 16.21                                 |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 12       | 10                  | 5095             | 737.5                    | 66       | 20                  | 66886            | 2155                     | 15.79                               | 16.21                                 |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 16.54                               | 16.87                                 |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 4        | 20                  | 2050             | 2120                     | 16.68                               | 16.87                                 |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 16.64                               | 16.87                                 |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 5        | 10                  | 2525             | 881.5                    | 2        | 20                  | 900              | 1960                     | 16.50                               | 16.87                                 |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 7        | 20                  | 3100             | 2655                     | 15.88                               | 16.87                                 |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 12       | 10                  | 5095             | 737.5                    | 16.64                               | 16.87                                 |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 12       | 10                  | 5095             | 737.5                    | 2        | 20                  | 900              | 1960                     | 16.70                               | 16.87                                 |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 13       | 10                  | 5230             | 751                      | 16.54                               | 16.87                                 |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 13       | 10                  | 5230             | 751                      | 2        | 20                  | 900              | 1960                     | 16.56                               | 16.87                                 |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 30       | 10                  | 9820             | 2355                     | 16.51                               | 16.87                                 |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 71       | 20                  | 68761            | 634.5                    | 16.51                               | 16.87                                 |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 48       | 20                  | 55830            | 3609                     | 48       | 20                  | 56028            | 3628.8                   | 15.58                               | 16.87                                 |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 17.97                               | 18.13                                 |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 4        | 20                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 17.90                               | 18.13                                 |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 5        | 10                  | 2450             | 874                      | 17.77                               | 18.13                                 |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 30       | 10                  | 9820             | 2355                     | 17.78                               | 18.13                                 |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 48       | 20                  | 55830            | 3609                     | 17.79                               | 18.13                                 |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 48       | 20                  | 55830            | 3609                     | 2        | 20                  | 900              | 1960                     | 17.78                               | 18.13                                 |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 66       | 20                  | 66886            | 2155                     | 17.70                               | 18.13                                 |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 66       | 20                  | 66886            | 2155                     | 2        | 20                  | 900              | 1960                     | 17.91                               | 18.13                                 |  |                |
| 7                                               | 20                  | 21100            | 2535                     | QPSK       | 1           | 0                  | 3100             | 2655                     | 4        | 20                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 17.45                               | 17.87                                 |  |                |
| 12                                              | 10                  | 23130            | 711                      | QPSK       | 1           | 0                  | 5130             | 741                      | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 17.45                               | 17.87                                 |  |                |
| 12                                              | 10                  | 23130            | 711                      | QPSK       | 1           | 0                  | 5130             | 741                      | 4        | 20                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 17.62                               | 17.87                                 |  |                |
| 12                                              | 10                  | 23130            | 711                      | QPSK       | 1           | 0                  | 5130             | 741                      | 2        | 20                  | 900              | 1960                     | 30       | 10                  | 9820             | 2355                     | 17.41                               | 17.87                                 |  |                |
| 12                                              | 10                  | 23130            | 711                      | QPSK       | 1           | 0                  | 5130             | 741                      | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 17.48                               | 17.87                                 |  |                |
| 13                                              | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 17.71                               | 17.87                                 |  |                |
| 13                                              | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 4        | 20                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 17.55                               | 17.87                                 |  |                |
| 13                                              | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 48       | 20                  | 55830            | 3609                     | 48       | 20                  | 56028            | 3628.8                   | 17.55                               | 17.87                                 |  |                |
| 13                                              | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 66       | 15                  | 66886            | 2155                     | 66       | 5                   | 66979            | 2164.3                   | 17.58                               | 17.87                                 |  |                |
| 13                                              | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 17.53                               | 17.87                                 |  |                |
| 14                                              | 10                  | 23330            | 793                      | QPSK       | 1           | 0                  | 5330             | 763                      | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 17.52                               | 17.87                                 |  |                |
| 25                                              | 20                  | 26140            | 1860                     | QPSK       | 1           | 0                  | 8140             | 1940                     | 41       | 20                  | 40620            | 2593                     | 41       | 20                  | 40818            | 2612.8                   | 17.85                               | 18.28                                 |  |                |
| 26                                              | 15                  | 26865            | 831.5                    | QPSK       | 1           | 0                  | 8865             | 876.5                    | 41       | 20                  | 40620            | 2593                     | 41       | 20                  | 40818            | 2612.8                   | 17.52                               | 17.70                                 |  |                |
| 30                                              | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 17.45                               | 17.68                                 |  |                |
| 30                                              | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 4        | 20                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 17.39                               | 17.68                                 |  |                |
| 30                                              | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 5        | 10                  | 2525             | 881.5                    | 2        | 20                  | 900              | 1960                     | 17.42                               | 17.68                                 |  |                |
| 30                                              | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 12       | 10                  | 5095             | 737.5                    | 2        | 20                  | 900              | 1960                     | 17.45                               | 17.68                                 |  |                |
| 41                                              | 20                  | 40620            | 2593                     | QPSK       | 1           | 0                  | 40620            | 2593                     | 41       | 20                  | 40818            | 2612.8                   | 25       | 20                  | 8340             | 1960                     | 16.58                               | 16.76                                 |  |                |
|                                                 |                     |                  |                          |            |             |                    |                  |                          |          |                     |                  |                          |          |                     |                  |                          |                                     |                                       |  |                |

## LTE Downlink 4CA conducted power table

| Four Component Carrier Maximum Conducted Power |                     |                  |                          |            |             |                    |                  |                          |          |                     |                  |                          |          |                     |                  |                          |          |                     |                  |                          |                                      |                                        |                |
|------------------------------------------------|---------------------|------------------|--------------------------|------------|-------------|--------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|--------------------------------------|----------------------------------------|----------------|
| PCC                                            |                     |                  |                          |            |             |                    |                  |                          | SCC 1    |                     |                  |                          | SCC 2    |                     |                  |                          | SCC 3    |                     |                  |                          | Power                                |                                        | Configurations |
| PCC Band                                       | PCC Bandwidth [MHz] | PCC (UL) Channel | PCC (DL) Frequency [MHz] | Modulation | PCC (UL) RB | PCC (UL) RB Offset | PCC (DL) Channel | PCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | LTE Tx-Power with DL CA active (dBm) | LTE Tx-Power with DL CA inactive (dBm) |                |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 15.92                                | 16.21                                  | CA 2A-2A-5B    |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 66       | 15                  | 66886            | 2155                     | 66       | 5                   | 66979            | 2164.3                   | 15.82                                | 16.21                                  | CA 2A-2A-66B   |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 15.76                                | 16.21                                  | CA 2A-2A-66C   |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 15.86                                | 16.21                                  | CA 2A-4A-5B    |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 30       | 10                  | 9820             | 2355                     | 15.85                                | 16.21                                  | CA 2A-5B-30A   |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 15.93                                | 16.21                                  | CA 2A-5A-48C   |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 66       | 15                  | 66886            | 2155                     | 66       | 5                   | 66979            | 2164.3                   | 15.87                                | 16.21                                  | CA 2A-5A-66B   |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 15.78                                | 16.21                                  | CA 2A-5A-66C   |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 66       | 20                  | 66886            | 2155                     | 15.86                                | 16.21                                  | CA 2A-5B-66A   |
| 4                                              | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 15.51                                | 16.87                                  | CA 4A-2A-5B    |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 48       | 20                  | 56546            | 3680.6                   | 17.83                                | 18.13                                  | CA 5A-48D      |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 5        | 10                  | 2699             | 898.9                    | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 17.80                                | 18.13                                  | CA 5B-2A-5B    |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 5        | 10                  | 2699             | 898.9                    | 4        | 20                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 17.83                                | 18.13                                  | CA 5B-4A-5B    |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 2        | 20                  | 900              | 1960                     | 30       | 10                  | 9820             | 2355                     | 17.94                                | 18.13                                  | CA 5B-2A-30A   |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 17.82                                | 18.13                                  | CA 5A-2A-48C   |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 66       | 15                  | 66886            | 2155                     | 66       | 5                   | 66979            | 2164.3                   | 17.78                                | 18.13                                  | CA 5A-2A-66B   |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 66       | 15                  | 66886            | 2155                     | 66       | 5                   | 66979            | 2164.3                   | 2        | 20                  | 900              | 1960                     | 18.00                                | 18.13                                  | CA 5A-66B-2A   |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 17.87                                | 18.13                                  | CA 5A-2A-66C   |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 2        | 20                  | 900              | 1960                     | 17.82                                | 18.13                                  | CA 5A-66C-2A   |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 5        | 10                  | 2699             | 898.9                    | 2        | 20                  | 900              | 1960                     | 66       | 20                  | 66886            | 2155                     | 17.92                                | 18.13                                  | CA 5B-2A-66A   |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 5        | 10                  | 2699             | 898.9                    | 66       | 20                  | 66886            | 2155                     | 2        | 20                  | 900              | 1960                     | 18.00                                | 18.13                                  | CA 5B-66A-2A   |
| 13                                             | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 48       | 20                  | 56546            | 3680.6                   | 17.68                                | 17.87                                  | CA 13A-48D     |
| 25                                             | 20                  | 26140            | 1860                     | QPSK       | 1           | 0                  | 8140             | 1940                     | 41       | 20                  | 46020            | 2593                     | 41       | 20                  | 46818            | 2612.8                   | 41       | 20                  | 41016            | 2632.6                   | 18.03                                | 18.28                                  | CA 25A-41D     |
| 30                                             | 10                  | 27110            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 2        | 20                  | 900              | 1960                     | 17.49                                | 17.68                                  | CA 30A-5B-2A   |
| 36                                             | 15                  | 132322           | 1745                     | QPSK       | 1           | 0                  | 66786            | 2145                     | 66       | 5                   | 66879            | 2154.3                   | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 16.58                                | 16.96                                  | CA 66B-2A-2A   |
| 66                                             | 15                  | 132322           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 66       | 5                   | 67434            | 2208.8                   | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 16.62                                | 16.98                                  | CA 66C-2A-2A   |
| 66                                             | 15                  | 132322           | 1745                     | QPSK       | 1           | 0                  | 66786            | 2145                     | 66       | 5                   | 66879            | 2154.3                   | 5        | 10                  | 2525             | 881.5                    | 2        | 20                  | 900              | 1960                     | 16.55                                | 16.96                                  | CA 66B-5A-2A   |
| 66                                             | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 2        | 20                  | 900              | 1960                     | 16.72                                | 16.98                                  | CA 66C-5A-2A   |
| 66                                             | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 2        | 20                  | 900              | 1960                     | 16.65                                | 16.98                                  | CA 66B-5B-2A   |
| 66                                             | 15                  | 132322           | 1745                     | QPSK       | 1           | 0                  | 66786            | 2145                     | 66       | 5                   | 66879            | 2154.3                   | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 16.69                                | 16.96                                  | CA 66B-48C     |
| 66                                             | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 66       | 4                   | 67434            | 2208.8                   | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 16.74                                | 16.98                                  | CA 66C-48C     |
| 66                                             | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 48       | 20                  | 56546            | 3680.6                   | 16.70                                | 16.96                                  | CA 66A-48D     |
| 41                                             | 20                  | 40620            | 2593                     | QPSK       | 1           | 0                  | 41055            | 2636.5                   | 41       | 20                  | 41263            | 2656.3                   | 41       | 20                  | 41451            | 2676.1                   | 25       | 20                  | 8340             | 1960                     | 16.57                                | 16.76                                  | CA 41D-25A     |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 15.25                                | 15.45                                  | CA 48C-66C     |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 48       | 20                  | 55736            | 3599.6                   | 66       | 20                  | 66886            | 2155                     | 15.12                                | 15.45                                  | CA 48D-66A     |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 66       | 15                  | 66886            | 2155                     | 66       | 5                   | 66979            | 2164.3                   | 15.35                                | 15.45                                  | CA 48C-66B     |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 5        | 10                  | 2525             | 881.5                    | 2        | 20                  | 900              | 1960                     | 15.16                                | 15.45                                  | CA 48C-5A-2A   |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 48       | 20                  | 55736            | 3599.6                   | 4        | 20                  | 2175             | 2132.5                   | 15.04                                | 15.45                                  | CA 48D-4A      |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 48       | 20                  | 55736            | 3599.6                   | 13       | 10                  | 5230             | 751                      | 15.04                                | 15.45                                  | CA 48D-13A     |

## LTE Downlink 5CA conducted power table

| Five Component Carrier Maximum Conducted Power |                     |                  |                          |            |             |                    |                  |                          |          |                     |                  |                          |          |                     |                  |                          |          |                     |                  |                          |          |                     |                  |                          |                                      |                                        |                |        |       |       |              |
|------------------------------------------------|---------------------|------------------|--------------------------|------------|-------------|--------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|--------------------------------------|----------------------------------------|----------------|--------|-------|-------|--------------|
| PCC                                            |                     |                  |                          |            |             |                    |                  |                          | SCC 1    |                     |                  |                          | SCC 2    |                     |                  |                          | SCC 3    |                     |                  |                          | SCC 4    |                     |                  |                          | Power                                |                                        | Configurations |        |       |       |              |
| PCC Band                                       | PCC Bandwidth [MHz] | PCC (DL) Channel | PCC (DL) Frequency [MHz] | Modulation | PCC (UL) RB | PCC (UL) RB Offset | PCC (DL) Channel | PCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | LTE Tx-Power with DL CA active (dBm) | LTE Tx-Power with DL CA inactive (dBm) |                |        |       |       |              |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 48       | 20                  | 55938            | 3629.8                   | 48       | 20                  | 55938            | 3629.8                   | 48       | 20                  | 55938            | 3629.8                   | 48                                   | 20                                     | 55938          | 3648.6 | 15.85 | 16.21 | CA 2A-5A-48D |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 881.4                    | 66       | 15                  | 66886            | 2155                     | 66       | 5                   | 66979            | 2164.3                   | 16.06                                | 16.21                                  | CA 2A-5B-66B   |        |       |       |              |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2723             | 901.3                    | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 15.86                                | 16.21                                  | CA 2A-5B-66C   |        |       |       |              |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 48       | 20                  | 55938            | 3629.8                   | 48       | 20                  | 55938            | 3629.8                   | 48       | 20                  | 55938            | 3648.6                   | 48       | 20                  | 56034            | 3669.4                   | 15.97                                | 16.21                                  | CA 2A-48E      |        |       |       |              |
| 4                                              | 20                  | 20375            | 1723.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 48       | 20                  | 55938            | 3629.8                   | 48       | 20                  | 55938            | 3629.8                   | 48       | 20                  | 55938            | 3648.6                   | 48       | 20                  | 56034            | 3669.4                   | 16.01                                | 16.17                                  | CA 4A-48E      |        |       |       |              |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 48       | 20                  | 55938            | 3629.8                   | 48       | 20                  | 55938            | 3648.6                   | 48       | 20                  | 55938            | 3648.6                   | 17.71                                | 18.13                                  | CA 5A-2A-48D   |        |       |       |              |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 48       | 20                  | 55938            | 3629.8                   | 48       | 20                  | 55938            | 3629.8                   | 48       | 20                  | 56034            | 3669.4                   | 17.84    | 18.13               | CA 5A-48E        |                          |                                      |                                        |                |        |       |       |              |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 5        | 10                  | 2699             | 898.9                    | 2        | 20                  | 900              | 1960                     | 66       | 15                  | 66886            | 2155                     | 66       | 5                   | 66979            | 2164.3                   | 17.78                                | 18.13                                  | CA 5B-2A-66B   |        |       |       |              |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 5        | 10                  | 2699             | 898.9                    | 2        | 20                  | 900              | 1960                     | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 17.78                                | 18.13                                  | CA 5B-66A-2A   |        |       |       |              |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 5        | 10                  | 2699             | 898.9                    | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 17.84    | 18.13               | CA 5B-2A-66C     |                          |                                      |                                        |                |        |       |       |              |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 5        | 10                  | 2699             | 898.9                    | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 17.84    | 18.13               | CA 5B-66B-2A     |                          |                                      |                                        |                |        |       |       |              |
| 66                                             | 15                  | 132322           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 66       | 5                   | 66879            | 2154.3                   | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 2        | 20                  | 900              | 1960                     | 16.62                                | 16.98                                  | CA 66B-5B-2A   |        |       |       |              |
| 66                                             | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 66       | 5                   | 66879            | 2154.3                   | 48       | 20                  | 55938            | 3629.8                   | 48       | 20                  | 55938            | 3648.6                   | 16.74    | 17.07               | 18.13            | 18.13                    | CA 66B-5B-2A                         |                                        |                |        |       |       |              |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55338            | 3579.8                   | 48       | 20                  | 55338            | 3579.8                   | 48       | 20                  | 55338            | 3579.8                   | 48       | 20                  | 55338            | 3579.8                   | 48                                   | 20                                     | 55338          | 3579.8 | 15.28 | 15.46 | CA 48E-5A-2A |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55338            | 3579.8                   | 48       | 20                  | 55338            | 3579.8                   | 48       | 20                  | 55338            | 3579.8                   | 48       | 20                  | 55338            | 3579.8                   | 48                                   | 20                                     | 55338          | 3579.8 | 15.28 | 15.46 | CA 48E-5A-2A |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55338            | 3579.8                   | 48       | 20                  | 55338            | 3579.8                   | 48       | 15                  | 55907            | 3615.7                   | 2        | 20                  | 900              | 1960                     | 15.22                                | 15.46                                  | CA 48E-5A-2A   |        |       |       |              |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55338            | 3579.8                   | 48       | 20                  | 55338            | 3579.8                   | 48       | 15                  | 55907            | 3615.7                   | 2        | 20                  | 900              | 1960                     | 15.22                                | 15.46                                  | CA 48E-5A-2A   |        |       |       |              |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55338            | 3579.8                   | 48       | 20                  | 55338            | 3579.8                   | 48       | 15                  | 55907            | 3615.7                   | 5        | 10                  | 2525             | 881.5                    | 15.11                                | 15.46                                  | CA 48E-5A      |        |       |       |              |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55338            | 3579.8                   | 48       | 20                  | 55338            | 3579.8                   | 48       | 15                  | 55907            | 3615.7                   | 13       | 10                  | 5230             | 751                      | 15.30                                | 15.46                                  | CA 48E-13A     |        |       |       |              |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55338            | 3579.8                   | 48       | 20                  | 55338            | 3579.8                   | 48       | 15                  | 55907            | 3615.7                   | 13       | 10                  | 5230             | 751                      | 15.30                                | 15.46                                  | CA 48E-13A     |        |       |       |              |



## Notebook mode

## LTE Downlink 2CA conducted power table

| T+B2-Q86wo Component Carrier Maximum Conducted Power |                     |                  |                          |            |             |                    |                  |                          |          |                     |                  |                          |                                      |                                        |                |
|------------------------------------------------------|---------------------|------------------|--------------------------|------------|-------------|--------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|--------------------------------------|----------------------------------------|----------------|
| PCC                                                  |                     |                  |                          |            |             |                    |                  |                          | SCC      |                     |                  |                          | Power                                |                                        | Configurations |
| PCC Band                                             | PCC Bandwidth [MHz] | PCC (UL) Channel | PCC (UL) Frequency [MHz] | Modulation | PCC (UL) RB | PCC (UL) RB Offset | PCC (DL) Channel | PCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | LTE Tx.Power with DL CA active (dBm) | LTE Tx.Power with DL CA inactive (dBm) |                |
| 2                                                    | 10                  | 19150            | 1905                     | QPSK       | 1           | 0                  | 1150             | 1985                     | 17       | 10                  | 5790             | 740                      | 22.62                                | 22.76                                  | CA 2A-17A      |
| 4                                                    | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 17       | 10                  | 5790             | 740                      | 22.54                                | 22.87                                  | CA 4A-17A      |
| 4                                                    | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 48       | 20                  | 55830            | 3609                     | 22.56                                | 22.87                                  | CA 4A-48A      |
| 5                                                    | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 7        | 20                  | 3100             | 2655                     | 22.87                                | 23.22                                  | CA 5A-7A       |
| 7                                                    | 20                  | 21100            | 2535                     | QPSK       | 1           | 0                  | 3100             | 2655                     | 5        | 10                  | 2525             | 881.5                    | 22.58                                | 22.84                                  | CA 7A-5A       |
| 7                                                    | 20                  | 21350            | 2560                     | QPSK       | 1           | 0                  | 3350             | 2680                     | 7        | 5                   | 2775             | 2622.5                   | 22.64                                | 22.84                                  | CA 7A-7A       |
| 13                                                   | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 48       | 20                  | 55830            | 3609                     | 22.85                                | 23.05                                  | CA 13A-48A     |
| 13                                                   | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 66       | 20                  | 66886            | 2155                     | 22.94                                | 23.05                                  | CA 13A-66A     |
| 14                                                   | 10                  | 23330            | 793                      | QPSK       | 1           | 0                  | 5330             | 763                      | 30       | 10                  | 9820             | 2355                     | 22.79                                | 23.11                                  | CA 14A-30A     |
| 14                                                   | 10                  | 23330            | 793                      | QPSK       | 1           | 0                  | 5330             | 763                      | 66       | 20                  | 66886            | 2155                     | 22.79                                | 23.11                                  | CA 14A-66A     |
| 17                                                   | 10                  | 23790            | 710                      | QPSK       | 1           | 0                  | 5790             | 740                      | 2        | 10                  | 900              | 1960                     | 22.81                                | 22.96                                  | CA 17A-2A      |
| 17                                                   | 10                  | 23790            | 710                      | QPSK       | 1           | 0                  | 5790             | 740                      | 4        | 10                  | 2175             | 2132.5                   | 22.61                                | 22.96                                  | CA 17A-4A      |
| 25                                                   | 20                  | 26140            | 1860                     | QPSK       | 1           | 0                  | 8140             | 1940                     | 25       | 5                   | 8665             | 1992.5                   | 22.62                                | 23.01                                  | CA 25A-25A     |
| 25                                                   | 20                  | 26140            | 1860                     | QPSK       | 1           | 0                  | 8140             | 1940                     | 26       | 15                  | 8865             | 876.5                    | 22.67                                | 23.01                                  | CA 25A-26A     |
| 25                                                   | 20                  | 26140            | 1860                     | QPSK       | 1           | 0                  | 8140             | 1940                     | 41       | 20                  | 40620            | 2593                     | 22.59                                | 23.01                                  | CA 25A-41A     |
| 26                                                   | 15                  | 26865            | 831.5                    | QPSK       | 1           | 0                  | 8865             | 876.5                    | 25       | 20                  | 8340             | 1960                     | 22.53                                | 22.74                                  | CA 26A-25A     |
| 26                                                   | 15                  | 26865            | 831.5                    | QPSK       | 1           | 0                  | 8865             | 876.5                    | 41       | 20                  | 40620            | 2593                     | 22.55                                | 22.74                                  | CA 26A-41A     |
| 30                                                   | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 14       | 10                  | 5330             | 763                      | 22.54                                | 22.92                                  | CA 30A-14A     |
| 30                                                   | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 66       | 20                  | 66886            | 2155                     | 22.78                                | 22.92                                  | CA 30A-66A     |
| 41                                                   | 20                  | 40620            | 2593                     | QPSK       | 1           | 0                  | 40620            | 2593                     | 25       | 20                  | 8340             | 1960                     | 22.43                                | 22.84                                  | CA 41A-25A     |
| 41                                                   | 20                  | 40620            | 2593                     | QPSK       | 1           | 0                  | 40620            | 2593                     | 26       | 15                  | 8865             | 876.5                    | 22.53                                | 22.84                                  | CA 41A-26A     |
| 41                                                   | 20                  | 41055            | 2636.5                   | QPSK       | 1           | 0                  | 41055            | 2636.5                   | 41       | 5                   | 39675            | 2498.5                   | 22.62                                | 22.84                                  | CA 41A-41A     |
| 48                                                   | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 4        | 20                  | 2175             | 2132.5                   | 23.00                                | 23.2                                   | CA 48A-4A      |
| 48                                                   | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 13       | 10                  | 5230             | 751                      | 22.81                                | 23.2                                   | CA 48A-13A     |
| 48                                                   | 20                  | 56150            | 3641                     | QPSK       | 1           | 0                  | 56150            | 3641                     | 48       | 5                   | 55265            | 3552.5                   | 22.93                                | 23.20                                  | CA 48A-48A     |
| 48                                                   | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 66       | 20                  | 66886            | 2155                     | 22.93                                | 23.20                                  | CA 48A-66A     |
| 66                                                   | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 12       | 10                  | 5095             | 737.5                    | 22.75                                | 23.02                                  | CA 66A-12A     |
| 66                                                   | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 13       | 10                  | 5230             | 751                      | 22.70                                | 23.02                                  | CA 66A-13A     |
| 66                                                   | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 14       | 10                  | 5330             | 763                      | 22.85                                | 23.02                                  | CA 66A-14A     |
| 66                                                   | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 30       | 10                  | 9820             | 2355                     | 22.80                                | 23.02                                  | CA 66A-30A     |
| 66                                                   | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 48       | 20                  | 55830            | 3609                     | 22.65                                | 23.02                                  | CA 66A-48A     |
| 66                                                   | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 66       | 5                   | 66461            | 2112.5                   | 22.74                                | 23.02                                  | CA 66A-66A     |
| 66                                                   | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67236            | 2190                     | 71       | 20                  | 68761            | 634.5                    | 22.71                                | 23.02                                  | CA 66A-71A     |
| 71                                                   | 20                  | 133297           | 680.5                    | QPSK       | 1           | 0                  | 68761            | 634.5                    | 66       | 20                  | 66886            | 2155                     | 22.79                                | 23.04                                  | CA 71A-66A     |
| 7                                                    | 20                  | 21350            | 2560                     | QPSK       | 1           | 0                  | 3350             | 2680                     | 7        | 20                  | 3152             | 2660.2                   | 22.44                                | 22.84                                  | CA 7C          |
| 38                                                   | 20                  | 37850            | 2580                     | QPSK       | 1           | 0                  | 37850            | 2580                     | 38       | 20                  | 38048            | 2599.8                   | 22.40                                | 22.74                                  | CA 38C         |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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## LTE Downlink 3CA conducted power table

| Three Component Carrier Maximum Conducted Power |                     |                  |                          |            |             |                    |                  |                          |          |                     |                  |                          |          |                     |                  |                          |                                     |                                       |               | Power |  | Configurations |
|-------------------------------------------------|---------------------|------------------|--------------------------|------------|-------------|--------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|-------------------------------------|---------------------------------------|---------------|-------|--|----------------|
| PCC                                             |                     |                  |                          |            |             |                    |                  |                          | SCC 1    |                     |                  |                          | SCC 2    |                     |                  |                          | Power                               |                                       |               |       |  |                |
| PCC Band                                        | PCC Bandwidth [MHz] | PCC (UL) Channel | PCC (UL) Frequency [MHz] | Modulation | PCC (UL) RB | PCC (UL) RB Offset | PCC (DL) Channel | PCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | LTE TxPower with DL CA active (dBm) | LTE TxPower with DL CA inactive (dBm) |               |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 2        | 20                  | 900              | 1960                     | 22.40                               | 22.76                                 | CA 2A-5A-2A   |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 12       | 10                  | 5095             | 737.5                    | 2        | 20                  | 900              | 1960                     | 22.49                               | 22.76                                 | CA 2A-12A-2A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 13       | 10                  | 5230             | 751                      | 2        | 20                  | 900              | 1960                     | 22.53                               | 22.76                                 | CA 2A-13A-2A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 14       | 10                  | 5330             | 763                      | 2        | 20                  | 900              | 1960                     | 22.56                               | 22.76                                 | CA 2A-14A-2A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 4        | 20                  | 2175             | 2132.5                   | 22.36                               | 22.76                                 | CA 2A-5A-4A   |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 13       | 10                  | 5230             | 751                      | 4        | 20                  | 2175             | 2132.5                   | 22.42                               | 22.76                                 | CA 2A-13A-4A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 48       | 20                  | 55830            | 3609                     | 5        | 10                  | 2525             | 881.5                    | 22.56                               | 22.76                                 | CA 2A-48A-5A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 4        | 20                  | 2175             | 2132.5                   | 22.46                               | 22.76                                 | CA 2A-2A-4A   |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 5        | 10                  | 2525             | 881.5                    | 22.53                               | 22.76                                 | CA 2A-2A-5A   |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 20                  | 1098             | 1979.8                   | 66       | 20                  | 66886            | 2155                     | 22.44                               | 22.76                                 | CA 2C-66A     |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 12       | 10                  | 5095             | 737.5                    | 22.57                               | 22.76                                 | CA 2A-2A-12A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 13       | 10                  | 5230             | 751                      | 22.42                               | 22.76                                 | CA 2A-2A-13A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 14       | 10                  | 5330             | 763                      | 22.47                               | 22.76                                 | CA 2A-2A-14A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 30       | 10                  | 9820             | 2355                     | 22.39                               | 22.76                                 | CA 2A-2A-30A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 66       | 20                  | 66886            | 2155                     | 22.34                               | 22.76                                 | CA 2A-2A-66A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 71       | 20                  | 68761            | 634.5                    | 22.54                               | 22.76                                 | CA 2A-2A-71A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 4        | 5                   | 1975             | 2112.5                   | 22.54                               | 22.76                                 | CA 2A-4A-4A   |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 5        | 10                  | 2525             | 881.5                    | 22.40                               | 22.76                                 | CA 2A-4A-5A   |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 7        | 10                  | 3100             | 2655                     | 22.49                               | 22.76                                 | CA 2A-4A-7A   |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 12       | 10                  | 5095             | 737.5                    | 22.46                               | 22.76                                 | CA 2A-4A-12A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 13       | 10                  | 5230             | 751                      | 22.42                               | 22.76                                 | CA 2A-4A-13A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 30       | 10                  | 9820             | 2355                     | 22.49                               | 22.76                                 | CA 2A-4A-30A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 71       | 20                  | 68761            | 634.5                    | 22.30                               | 22.76                                 | CA 2A-4A-71A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 5        | 5                   | 2425             | 871.5                    | 22.56                               | 22.76                                 | CA 2A-5A-5A   |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 30       | 10                  | 9820             | 2355                     | 22.57                               | 22.76                                 | CA 2A-5A-30A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 48       | 20                  | 55830            | 3609                     | 22.47                               | 22.76                                 | CA 2A-5A-48A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 66       | 20                  | 66886            | 2155                     | 22.40                               | 22.76                                 | CA 2A-5A-66A  |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 12       | 10                  | 5095             | 737.5                    | 30       | 10                  | 9820             | 2355                     | 22.46                               | 22.76                                 | CA 2A-12A-30A |       |  |                |
| 2                                               | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 12       | 10                  | 5095             | 737.5                    | 66       | 20                  | 66886            | 2155                     | 22.60                               | 22.76                                 | CA 2A-12A-66A |       |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 22.69                               | 22.87                                 | CA 4A-2A-2A   |       |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 4        | 20                  | 2050             | 2120                     | 22.76                               | 22.87                                 | CA 4A-2A-4A   |       |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 22.46                               | 22.87                                 | CA 4A-2A-5A   |       |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 5        | 10                  | 2525             | 881.5                    | 2        | 20                  | 900              | 1960                     | 22.72                               | 22.87                                 | CA 4A-5A-2A   |       |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 7        | 20                  | 3100             | 2655                     | 22.62                               | 22.87                                 | CA 4A-2A-7A   |       |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 12       | 10                  | 5095             | 737.5                    | 22.57                               | 22.87                                 | CA 4A-2A-12A  |       |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 12       | 10                  | 5095             | 737.5                    | 2        | 20                  | 900              | 1960                     | 22.59                               | 22.87                                 | CA 4A-12A-2A  |       |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 13       | 10                  | 5230             | 751                      | 22.65                               | 22.87                                 | CA 4A-2A-13A  |       |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 13       | 10                  | 5230             | 751                      | 2        | 20                  | 900              | 1960                     | 22.46                               | 22.87                                 | CA 4A-13A-2A  |       |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 30       | 10                  | 9820             | 2355                     | 22.67                               | 22.87                                 | CA 4A-2A-30A  |       |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 71       | 20                  | 68761            | 634.5                    | 22.60                               | 22.87                                 | CA 4A-2A-71A  |       |  |                |
| 4                                               | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 48       | 20                  | 55830            | 3609                     | 48       | 20                  | 56028            | 3628.8                   | 22.75                               | 22.87                                 | CA 4A-48C     |       |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 22.90                               | 23.22                                 | CA 5A-2A-2A   |       |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 4        | 20                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 22.88                               | 23.22                                 | CA 5A-4A-2A   |       |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 5        | 10                  | 2450             | 874                      | 22.95                               | 23.22                                 | CA 5A-2A-5A   |       |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 30       | 10                  | 9820             | 2355                     | 22.92                               | 23.22                                 | CA 5A-2A-30A  |       |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 48       | 20                  | 55830            | 3609                     | 22.92                               | 23.22                                 | CA 5A-2A-48A  |       |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 48       | 20                  | 55830            | 3609                     | 2        | 20                  | 900              | 1960                     | 23.07                               | 23.22                                 | CA 5A-48A-2A  |       |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 66       | 20                  | 66886            | 2155                     | 22.93                               | 23.22                                 | CA 5A-2A-66A  |       |  |                |
| 5                                               | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 66       | 20                  | 66886            | 2155                     | 2        | 20                  | 900              | 1960                     | 22.74                               | 23.22                                 | CA 5A-66A-2A  |       |  |                |
| 7                                               | 20                  | 21100            | 2535                     | QPSK       | 1           | 0                  | 3100             | 2655                     | 4        | 20                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 22.53                               | 22.84                                 | CA 7A-4A-2A   |       |  |                |
| 12                                              | 10                  | 23130            | 711                      | QPSK       | 1           | 0                  | 5130             | 741                      | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 22.76                               | 23.05                                 | CA 12A-2A-2A  |       |  |                |
| 12                                              | 10                  | 23130            | 711                      | QPSK       | 1           | 0                  | 5130             | 741                      | 4        | 20                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 22.82                               | 23.05                                 | CA 12A-4A-2A  |       |  |                |
| 12                                              | 10                  | 23130            | 711                      | QPSK       | 1           | 0                  | 5130             | 741                      | 2        | 20                  | 900              | 1960                     | 30       | 10                  | 9820             | 2355                     | 22.78                               | 23.05                                 | CA 12A-2A-30A |       |  |                |
| 12                                              | 10                  | 23130            | 711                      | QPSK       | 1           | 0                  | 5130             | 741                      | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 22.77                               | 23.05                                 | CA 12A-66C    |       |  |                |
| 13                                              | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 22.78                               | 23.05                                 | CA 13A-2A-2A  |       |  |                |
| 13                                              | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 4        | 20                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 22.93                               | 23.05                                 | CA 13A-4A-2A  |       |  |                |
| 13                                              | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 48       | 20                  | 55830            | 3609                     | 48       | 20                  | 56028            | 3628.8                   | 22.72                               | 23.05                                 | CA 13A-48C    |       |  |                |
| 13                                              | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 66       | 15                  | 66886            | 2155                     | 66       | 5                   | 66979            | 2164.3                   | 22.77                               | 23.05                                 | CA 13A-66B    |       |  |                |
| 13                                              | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 22.71                               | 23.05                                 | CA 13A-66C    |       |  |                |
| 14                                              | 10                  | 23330            | 793                      | QPSK       | 1           | 0                  | 5330             | 763                      | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 22.83                               | 23.11                                 | CA 14A-2A-2A  |       |  |                |
| 25                                              | 20                  | 26140            | 1860                     | QPSK       | 1           | 0                  | 8140             | 1940                     | 41       | 20                  | 40620            | 2593                     | 41       | 20                  | 40818            | 2612.8                   | 22.83                               | 23.01                                 | CA 25A-41C    |       |  |                |
| 26                                              | 15                  | 26965            | 831.5                    | QPSK       | 1           | 0                  | 8865             | 876.5                    | 41       | 20                  | 40620            | 2593                     | 41       | 20                  | 40818            | 2612.8                   | 22.41                               | 22.74                                 | CA 26A-41C    |       |  |                |
| 30                                              | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 22.54                               | 22.92                                 | CA 30A-2A-2A  |       |  |                |
| 30                                              | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 5        | 10                  | 2525             | 881.5                    | 2        | 20                  | 900              | 1960                     | 22.69                               | 22.92                                 | CA 30A-5A-2A  |       |  |                |
| 30                                              | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 5        | 10                  | 2525             | 881.5                    | 2        | 20                  | 900              | 1960                     | 22.69                               | 22.92                                 | CA 30A-5A-2A  |       |  |                |
| 30                                              | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 12       | 10                  | 5095             | 737.5                    | 2        | 20                  | 900              | 1960                     | 22.63                               | 22.92                                 | CA 30A-12A-2A |       |  |                |
| 41                                              | 20                  | 40620            | 2593                     | QPSK       | 1</         |                    |                  |                          |          |                     |                  |                          |          |                     |                  |                          |                                     |                                       |               |       |  |                |

## LTE Downlink 4CA conducted power table

| Four Component Carrier Maximum Conducted Power |                     |                  |                          |            |             |                    |                  |                          |          |                     |                  |                          |          |                     |                  |                          |          |                     |                  |                          |          |                     |                  |                          |                                      |                                        |                |
|------------------------------------------------|---------------------|------------------|--------------------------|------------|-------------|--------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|--------------------------------------|----------------------------------------|----------------|
| PCC                                            |                     |                  |                          |            |             |                    |                  |                          |          |                     |                  |                          | SCC 1    |                     |                  |                          | SCC 2    |                     |                  |                          | SCC 3    |                     |                  |                          | Power                                |                                        |                |
| PCC Band                                       | PCC Bandwidth [MHz] | PCC (UL) Channel | PCC (UL) Frequency [MHz] | Modulation | PCC (UL) RB | PCC (UL) RB Offset | PCC (DL) Channel | PCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | LTE Tx Power with DL CA active (dBm) | LTE Tx Power with DL CA inactive (dBm) | Configurations |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 22.34    | 22.76               | CA 2A-2A-5B      |                          |                                      |                                        |                |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 66       | 15                  | 66886            | 2155                     | 66       | 5                   | 66979            | 2164.3                   | 22.44    | 22.76               | CA 2A-2A-66B     |                          |                                      |                                        |                |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 22.58    | 22.76               | CA 2A-2A-66C     |                          |                                      |                                        |                |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 4        | 20                  | 2175             | 2132.5                   | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 22.60    | 22.76               | CA 2A-4A-5B      |                          |                                      |                                        |                |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 30       | 10                  | 9820             | 2355                     | 22.49    | 22.76               | CA 2A-5B-30A     |                          |                                      |                                        |                |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 22.47    | 22.76               | CA 2A-5A-48C     |                          |                                      |                                        |                |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 66       | 15                  | 66886            | 2155                     | 66       | 15                  | 66886            | 2155                     | 22.36    | 22.76               | CA 2A-5A-66B     |                          |                                      |                                        |                |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 22.58    | 22.76               | CA 2A-5A-66C     |                          |                                      |                                        |                |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 66       | 20                  | 66886            | 2155                     | 22.30    | 22.76               | CA 2A-5B-66A     |                          |                                      |                                        |                |
| 4                                              | 20                  | 20175            | 1732.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 2        | 20                  | 900              | 1960                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 22.50    | 22.87               | CA 4A-2A-5B      |                          |                                      |                                        |                |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 48       | 20                  | 56546            | 3660.6                   | 22.88    | 23.22               | CA 5A-48D        |                          |                                      |                                        |                |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 5        | 10                  | 2699             | 898.9                    | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 22.87    | 23.22               | CA 5B-2A-2A      |                          |                                      |                                        |                |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 5        | 10                  | 2699             | 898.9                    | 4        | 20                  | 900              | 1960                     | 30       | 10                  | 9820             | 2355                     | 22.93    | 23.22               | CA 5B-2A-30A     |                          |                                      |                                        |                |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 22.89    | 23.22               | CA 5A-2A-48C     |                          |                                      |                                        |                |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 2        | 20                  | 900              | 1960                     | 66       | 15                  | 66886            | 2155                     | 66       | 15                  | 66979            | 2164.3                   | 22.88    | 23.22               | CA 5A-2A-66B     |                          |                                      |                                        |                |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 66       | 15                  | 66886            | 2155                     | 66       | 5                   | 66979            | 2164.3                   | 2        | 20                  | 900              | 1960                     | 22.94    | 23.22               | CA 5A-66B-2A     |                          |                                      |                                        |                |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 66       | 20                  | 66886            | 2155                     | 66       | 20                  | 67084            | 2174.8                   | 2        | 20                  | 900              | 1960                     | 22.92    | 23.22               | CA 5A-66C-2A     |                          |                                      |                                        |                |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 5        | 10                  | 2699             | 898.9                    | 2        | 20                  | 900              | 1960                     | 66       | 20                  | 66886            | 2155                     | 23.10    | 23.22               | CA 5B-2A-66A     |                          |                                      |                                        |                |
| 5                                              | 10                  | 20600            | 844                      | QPSK       | 1           | 0                  | 2600             | 889                      | 5        | 10                  | 2699             | 898.9                    | 66       | 20                  | 66886            | 2155                     | 2        | 20                  | 900              | 1960                     | 22.83    | 23.22               | CA 5B-66A-2A     |                          |                                      |                                        |                |
| 13                                             | 10                  | 23230            | 782                      | QPSK       | 1           | 0                  | 5230             | 751                      | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 48       | 20                  | 56546            | 3660.6                   | 22.76    | 23.05               | CA 13A-48D       |                          |                                      |                                        |                |
| 25                                             | 20                  | 26140            | 1680                     | QPSK       | 1           | 0                  | 8140             | 1940                     | 41       | 20                  | 40620            | 2593                     | 41       | 20                  | 40618            | 2612.8                   | 41       | 20                  | 41016            | 2632.6                   | 22.67    | 23.01               | CA 25A-41D       |                          |                                      |                                        |                |
| 30                                             | 10                  | 27710            | 2310                     | QPSK       | 1           | 0                  | 9820             | 2355                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 2        | 20                  | 900              | 1960                     | 22.71    | 22.92               | CA 30A-5B-2A     |                          |                                      |                                        |                |
| 66                                             | 15                  | 132322           | 1745                     | QPSK       | 1           | 0                  | 66786            | 2145                     | 66       | 5                   | 66879            | 2154.3                   | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 22.67    | 23.02               | CA 66B-5A-2A     |                          |                                      |                                        |                |
| 66                                             | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67238            | 2190                     | 66       | 20                  | 67434            | 2208.8                   | 2        | 20                  | 900              | 1960                     | 2        | 5                   | 1175             | 1987.5                   | 22.68    | 23.02               | CA 66C-2A-2A     |                          |                                      |                                        |                |
| 66                                             | 15                  | 132322           | 1745                     | QPSK       | 1           | 0                  | 66786            | 2145                     | 66       | 5                   | 66879            | 2154.3                   | 5        | 10                  | 2525             | 881.5                    | 2        | 20                  | 900              | 1960                     | 22.80    | 23.02               | CA 66B-5A-2A     |                          |                                      |                                        |                |
| 66                                             | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67238            | 2190                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 2        | 20                  | 900              | 1960                     | 22.62    | 23.02               | CA 66C-5A-2A     |                          |                                      |                                        |                |
| 66                                             | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67238            | 2190                     | 5        | 10                  | 2525             | 881.5                    | 5        | 10                  | 2624             | 891.4                    | 2        | 20                  | 900              | 1960                     | 22.69    | 23.02               | CA 66A-5B-2A     |                          |                                      |                                        |                |
| 66                                             | 15                  | 132322           | 1745                     | QPSK       | 1           | 0                  | 66786            | 2145                     | 66       | 5                   | 66879            | 2154.3                   | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 22.86    | 23.02               | CA 66B-48C       |                          |                                      |                                        |                |
| 66                                             | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67238            | 2190                     | 66       | 20                  | 67434            | 2208.8                   | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 22.84    | 23.02               | CA 66C-48C       |                          |                                      |                                        |                |
| 66                                             | 20                  | 132572           | 1770                     | QPSK       | 1           | 0                  | 67238            | 2190                     | 48       | 20                  | 56150            | 3641                     | 48       | 20                  | 56348            | 3660.8                   | 48       | 20                  | 56546            | 3660.6                   | 22.69    | 23.02               | CA 66A-48D       |                          |                                      |                                        |                |
| 41                                             | 20                  | 40620            | 2593                     | QPSK       | 1           | 0                  | 41055            | 2638.5                   | 41       | 20                  | 41253            | 2656.3                   | 41       | 20                  | 41451            | 2676.1                   | 25       | 20                  | 8340             | 1960                     | 22.48    | 22.84               | CA 41D-25A       |                          |                                      |                                        |                |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 66       | 20                  | 55736            | 3599.6                   | 66       | 20                  | 55934            | 3619.4                   | 22.94    | 23.20               | CA 48C-48C       |                          |                                      |                                        |                |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 48       | 20                  | 55736            | 3599.6                   | 66       | 20                  | 55934            | 3619.4                   | 22.93    | 23.20               | CA 48D-66A       |                          |                                      |                                        |                |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 66       | 15                  | 66886            | 2155                     | 66       | 5                   | 66979            | 2164.3                   | 22.83    | 23.20               | CA 48C-66B       |                          |                                      |                                        |                |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 5        | 10                  | 2525             | 881.5                    | 2        | 20                  | 900              | 1960                     | 22.99    | 23.20               | CA 48C-5A-2A     |                          |                                      |                                        |                |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 48       | 20                  | 55736            | 3599.6                   | 4        | 20                  | 2175             | 2132.5                   | 22.94    | 23.20               | CA 48D-4A        |                          |                                      |                                        |                |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 48       | 20                  | 55736            | 3599.6                   | 13       | 10                  | 5230             | 751                      | 22.98    | 23.20               | CA 48D-13A       |                          |                                      |                                        |                |
| 48                                             | 20                  | 55340            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55538            | 3579.8                   | 48       | 20                  | 55736            | 3599.6                   | 66       | 20                  | 56105            | 3636.5                   | 22.84    | 23.20               | CA 48D-66A       |                          |                                      |                                        |                |

## LTE Downlink 5CA conducted power table

| Five Component Carrier Maximum Conducted Power |                     |                  |                          |            |             |                    |                  |                          |          |                     |                  |                          |          |                     |                  |                          |          |                     |                  |                          |          |                     |                  |                          |          |                     |                  |                          |                               | Power                                 |                | Configuration |
|------------------------------------------------|---------------------|------------------|--------------------------|------------|-------------|--------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|----------|---------------------|------------------|--------------------------|-------------------------------|---------------------------------------|----------------|---------------|
| PCC                                            |                     |                  |                          |            |             |                    |                  |                          |          | SCC 1               |                  |                          |          | SCC 2               |                  |                          |          | SCC 3               |                  |                          |          | SCC 4               |                  |                          |          | Power               |                  |                          |                               |                                       |                |               |
| PCC Band                                       | PCC Bandwidth [MHz] | PCC (UL) Channel | PCC (DL) Frequency [MHz] | Modulation | PCC (UL) RB | PCC (UL) RB Offset | PCC (DL) Channel | PCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | SCC Band | SCC Bandwidth [MHz] | SCC (DL) Channel | SCC (DL) Frequency [MHz] | LTE TxPower with active (dBm) | LTE TxPower with DL CA inactive (dBm) |                |               |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2625             | 881.5                    | 48       | 20                  | 5680             | 3609                     | 48       | 20                  | 5608             | 3628.8                   | 48       | 20                  | 5608             | 3648.6                   | 48       | 20                  | 5608             | 3648.6                   | 23.56                         | 23.76                                 | CA 3A-5A-6B    |               |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2625             | 881.5                    | 5        | 10                  | 2624             | 881.4                    | 66       | 15                  | 6686             | 2150                     | 66       | 15                  | 6687             | 2144.3                   | 23.52    | 22.76               | CA 3A-5A-6B-6E   |                          |                               |                                       |                |               |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2625             | 881.5                    | 5        | 10                  | 2722             | 901.3                    | 66       | 20                  | 6686             | 2150                     | 66       | 20                  | 6784             | 2144.3                   | 23.52    | 22.76               | CA 3A-5B-6E-6F   |                          |                               |                                       |                |               |
| 2                                              | 20                  | 18900            | 1880                     | QPSK       | 1           | 0                  | 900              | 1960                     | 5        | 10                  | 2625             | 881.5                    | 48       | 20                  | 5608             | 3628.8                   | 48       | 20                  | 5608             | 3648.6                   | 48       | 20                  | 5608             | 3648.6                   | 48       | 20                  | 5608             | 3648.6                   | 23.56                         | 23.76                                 | CA 3A-5B-6E-6F |               |
| 4                                              | 20                  | 20178            | 1738.5                   | QPSK       | 1           | 0                  | 2175             | 2132.5                   | 48       | 20                  | 5680             | 3609                     | 48       | 20                  | 5608             | 3628.8                   | 48       | 20                  | 5628             | 3648.6                   | 48       | 20                  | 5624             | 3668.4                   | 22.54    | 22.87               | CA 4A-4E         |                          |                               |                                       |                |               |
| 5                                              | 10                  | 20000            | 844                      | QPSK       | 1           | 0                  | 2000             | 888                      | 5        | 10                  | 2600             | 888                      | 48       | 20                  | 5608             | 3628.8                   | 48       | 20                  | 5608             | 3648.6                   | 48       | 20                  | 5608             | 3648.6                   | 48       | 20                  | 5608             | 3648.6                   | 23.56                         | 23.76                                 | CA 5A-5E       |               |
| 5                                              | 10                  | 20000            | 844                      | QPSK       | 1           | 0                  | 2000             | 888                      | 48       | 20                  | 5680             | 3609                     | 48       | 20                  | 5620             | 3628.8                   | 48       | 20                  | 5620             | 3648.6                   | 48       | 20                  | 5624             | 3668.4                   | 23.09    | 23.22               | CA 5A-4E         |                          |                               |                                       |                |               |
| 5                                              | 10                  | 20000            | 844                      | QPSK       | 1           | 0                  | 2000             | 888                      | 5        | 10                  | 2680             | 888                      | 5        | 10                  | 2680             | 888                      | 66       | 15                  | 6686             | 2150                     | 66       | 15                  | 6687             | 2144.3                   | 23.52    | 22.76               | CA 5A-5E-6E      |                          |                               |                                       |                |               |
| 5                                              | 10                  | 20000            | 844                      | QPSK       | 1           | 0                  | 2000             | 888                      | 5        | 10                  | 2680             | 888                      | 2        | 20                  | 900              | 1960                     | 66       | 15                  | 6686             | 2150                     | 66       | 15                  | 6687             | 2144.3                   | 23.52    | 22.76               | CA 5A-5E-6E-6F   |                          |                               |                                       |                |               |
| 5                                              | 10                  | 20000            | 844                      | QPSK       | 1           | 0                  | 2000             | 888                      | 5        | 10                  | 2680             | 888                      | 2        | 20                  | 900              | 1960                     | 66       | 15                  | 6686             | 2150                     | 66       | 20                  | 6784             | 2144.3                   | 23.52    | 22.76               | CA 5A-5E-6E-6F   |                          |                               |                                       |                |               |
| 5                                              | 10                  | 20000            | 844                      | QPSK       | 1           | 0                  | 2000             | 888                      | 5        | 10                  | 2680             | 888                      | 2        | 20                  | 900              | 1960                     | 66       | 15                  | 6686             | 2150                     | 66       | 20                  | 6784             | 2144.3                   | 23.52    | 22.76               | CA 5A-5E-6E-6F   |                          |                               |                                       |                |               |
| 13                                             | 10                  | 23230            | 742                      | QPSK       | 1           | 0                  | 2320             | 751                      | 48       | 20                  | 5680             | 3609                     | 48       | 20                  | 5608             | 3628.8                   | 48       | 20                  | 5620             | 3648.6                   | 48       | 20                  | 5624             | 3668.4                   | 23.09    | 23.22               | CA 13A-4E        |                          |                               |                                       |                |               |
| 66                                             | 15                  | 132422           | 1782                     | QPSK       | 1           | 0                  | 66780            | 2145                     | 66       | 5                   | 56678            | 2154.3                   | 5        | 10                  | 2625             | 881.5                    | 5        | 10                  | 2624             | 881.4                    | 2        | 20                  | 900              | 1960                     | 22.68    | 23.02               | CA 66B-5B-2A     |                          |                               |                                       |                |               |
| 66                                             | 15                  | 132678           | 1770                     | QPSK       | 1           | 0                  | 67258            | 2180                     | 66       | 5                   | 57454            | 2208.8                   | 5        | 10                  | 2624             | 881.4                    | 2        | 20                  | 900              | 1960                     | 2        | 20                  | 900              | 1960                     | 22.68    | 23.02               | CA 66B-5B-2A     |                          |                               |                                       |                |               |
| 48                                             | 20                  | 55330            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55038            | 3579.8                   | 48       | 20                  | 55038            | 3599.6                   | 48       | 20                  | 55263            | 3618.1                   | 2        | 20                  | 900              | 1960                     | 22.84    | 23.20               | CA 48B-3A-2A     |                          |                               |                                       |                |               |
| 48                                             | 20                  | 55330            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55038            | 3579.8                   | 48       | 20                  | 55038            | 3599.6                   | 48       | 20                  | 55038            | 3579.8                   | 48       | 20                  | 55038            | 3579.8                   | 48       | 20                  | 55038            | 3579.8                   | 22.84                         | 23.20                                 | CA 48B-3A-2A   |               |
| 48                                             | 20                  | 55330            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55038            | 3579.8                   | 48       | 20                  | 55038            | 3599.6                   | 48       | 15                  | 50907            | 3618.1                   | 2        | 20                  | 900              | 1960                     | 22.91    | 23.20               | CA 48B-3A        |                          |                               |                                       |                |               |
| 48                                             | 20                  | 55330            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55038            | 3579.8                   | 48       | 20                  | 55038            | 3599.6                   | 48       | 15                  | 50907            | 3618.1                   | 4        | 20                  | 2175             | 2132.5                   | 22.96    | 23.20               | CA 48B-4A        |                          |                               |                                       |                |               |
| 48                                             | 20                  | 55330            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55038            | 3579.8                   | 48       | 20                  | 55038            | 3599.6                   | 48       | 15                  | 50907            | 3618.1                   | 13       | 10                  | 5230             | 751                      | 22.93    | 23.20               | CA 48B-13A       |                          |                               |                                       |                |               |
| 48                                             | 20                  | 55330            | 3560                     | QPSK       | 1           | 0                  | 55340            | 3560                     | 48       | 20                  | 55038            | 3579.8                   | 48       | 20                  | 55038            | 3599.6                   | 48       | 15                  | 50907            | 3618.1                   | 4        | 20                  | 2175             | 2132.5                   | 22.96    | 23.20               | CA 48B-4A        |                          |                               |                                       |                |               |

**LTE CA information****A)**

The device supports downlink LTE Carrier Aggregation (CA) only. The possible downlink LTE CA combinations supported by this device are as below tables per 3GPP TS 36.521-1 V16.6.0. The conducted power measurement results of downlink LTE CA are provided as above per 3GPP TS 36.521-1 V16.6.0. According to KDB 941225 D05A and RF exposure procedures in TCB workshop April 2018, the downlink LTE CA SAR test is not required.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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**B)**

### CA combination table

| Index   | 2CC         | Restriction | Completely Covered by Measurement Superset | Index    | 3CC           | Restriction | Completely Covered by Measurement Superset | Index   | 4CC           | Restriction | Completely Covered by Measurement Superset | Index   | 5CC         | Restriction | Completely Covered by Measurement Superset |
|---------|-------------|-------------|--------------------------------------------|----------|---------------|-------------|--------------------------------------------|---------|---------------|-------------|--------------------------------------------|---------|-------------|-------------|--------------------------------------------|
| 2CC #1  | CA 2A-2A    |             | 3CC #2                                     | 3CC #1   | CA 2A-5B      |             | 4CC #2                                     | 4CC #1  | CA 2A-4B      |             | 5CC #1                                     | 5CC #1  | CA 2A-5A-4B |             | No                                         |
| 2CC #2  | CA 2A-4A    |             | 3CC #21                                    | 3CC #2   | CA 2A-5A-2A   |             |                                            | 4CC #2  | CA 2A-5A-2A   |             | No                                         | 5CC #2  | CA 2A-5B-5B |             | No                                         |
| 2CC #3  | CA 2A-5A    |             | 3CC #2                                     | 3CC #3   | CA 2A-12A-2A  |             | No                                         | 4CC #3  | CA 2A-5A-6B   |             | No                                         | 5CC #3  | CA 2A-5B-6B |             | No                                         |
| 2CC #4  | CA 2A-7A    |             | 3CC #23                                    | 3CC #4   | CA 2A-13A-2A  |             | No                                         | 4CC #4  | CA 2A-2A-6B   |             | No                                         | 5CC #4  | CA 2A-4B    |             | No                                         |
| 2CC #5  | CA 2A-12A   |             | 3CC #3                                     | 3CC #5   | CA 2A-13A-2A  |             | No                                         | 4CC #5  | CA 2A-5A-5B   |             | No                                         | 5CC #5  | CA 4A-4B    |             | No                                         |
| 2CC #6  | CA 2A-13A   |             | 3CC #4                                     | 3CC #6   | CA 2A-5A-4A   |             | No                                         | 4CC #6  | CA 2A-5A-3A   |             | No                                         | 5CC #6  | CA 5A-2A-4B |             | No                                         |
| 2CC #7  | CA 2A-14A   |             | 3CC #5                                     | 3CC #7   | CA 2A-13A-4A  |             | No                                         | 4CC #7  | CA 2A-5A-4B   |             | No                                         | 5CC #7  | CA 5A-4B    |             | No                                         |
| 2CC #8  | CA 2A-17A   |             | No                                         | 3CC #8   | CA 2A-4B-5A   |             | No                                         | 4CC #8  | CA 2A-5A-6B   |             | No                                         | 5CC #8  | CA 5B-2A-6B |             | No                                         |
| 2CC #9  | CA 2A-5B-2A |             | 3CC #11                                    | 3CC #9   | CA 2A-2A-5A   |             | No                                         | 4CC #9  | CA 2A-5A-6B   |             | No                                         | 5CC #9  | CA 5B-6B-2A |             | No                                         |
| 2CC #10 | CA 2A-5A    |             | 3CC #9                                     | 3CC #10  | CA 2A-2A-5A   |             | No                                         | 4CC #10 | CA 2A-5B-6B   |             | No                                         | 5CC #10 | CA 5B-2A-6B |             | No                                         |
| 2CC #11 | CA 2A-6B    |             | 3CC #19                                    | 3CC #11  | CA 2A-4B      |             | 4CC #17                                    | 4CC #11 | CA 4A-2A-5B   |             | No                                         | 5CC #11 | CA 5B-6B-2A |             | No                                         |
| 2CC #12 | CA 2A-7A    |             | 3CC #20                                    | 3CC #12  | CA 2A-6B      |             | 4CC #18                                    | 4CC #12 | CA 4A-4B      |             | No                                         | 5CC #12 | CA 13A-4B   |             | No                                         |
| 2CC #13 | CA 4A-2A    |             | 3CC #24                                    | 3CC #13  | CA 2A-6B      |             | 4CC #20                                    | 4CC #13 | CA 5A-4B      |             | 5CC #1                                     | 5CC #13 | CA 6B-5B-2A |             | No                                         |
| 2CC #14 | CA 4A-4A    |             | 3CC #36                                    | 3CC #14  | CA 2C-4B      |             | No                                         | 4CC #14 | CA 5B-2A-2A   |             | No                                         | 5CC #14 | CA 6B-5B-2A |             | No                                         |
| 2CC #15 | CA 4A-5A    |             | 3CC #36                                    | 3CC #15  | CA 2A-2A-12A  |             | No                                         | 4CC #15 | CA 5B-4A-2A   |             | No                                         | 5CC #15 | CA 4B-5A-2A |             | No                                         |
| 2CC #16 | CA 4A-7A    |             | 3CC #38                                    | 3CC #16  | CA 2A-2A-14A  |             | No                                         | 4CC #16 | CA 5B-2A-3A   |             | No                                         | 5CC #16 | CA 4B-6B    |             | No                                         |
| 2CC #17 | CA 4A-12A   |             | 3CC #40                                    | 3CC #17  | CA 2A-2A-14A  |             | No                                         | 4CC #17 | CA 5A-2A-4B   |             | No                                         | 5CC #17 | CA 4B-2A    |             | No                                         |
| 2CC #18 | CA 4A-13A   |             | 3CC #41                                    | 3CC #18  | CA 2A-2A-30A  |             | No                                         | 4CC #18 | CA 5A-2A-6B   |             | No                                         | 5CC #18 | CA 4B-4A    |             | No                                         |
| 2CC #19 | CA 4A-17A   |             | No                                         | 3CC #19  | CA 2A-2A-7A   |             | No                                         | 4CC #19 | CA 5A-6B-2A   |             | No                                         | 5CC #19 | CA 4B-5A    |             | No                                         |
| 2CC #20 | CA 4A-30A   |             | 3CC #43                                    | 3CC #20  | CA 2A-2A-7A   |             | No                                         | 4CC #20 | CA 5A-2A-6B   |             | No                                         | 5CC #20 | CA 4B-13A   |             | No                                         |
| 2CC #21 | CA 4A-4B    |             | No                                         | 3CC #21  | CA 2A-4A-4A   |             | No                                         | 4CC #21 | CA 5A-6B-2A   |             | No                                         | 5CC #21 | CA 4B-6B    |             | No                                         |
| 2CC #22 | CA 4A-7A    |             | 3CC #27                                    | 3CC #22  | CA 2A-4A-5A   |             | No                                         | 4CC #22 | CA 5B-2A-6B   |             | No                                         |         |             |             |                                            |
| 2CC #23 | CA 5A-2A    |             | 3CC #48                                    | 3CC #23  | CA 2A-4A-7A   |             | No                                         | 4CC #23 | CA 5B-6B-2A   |             | No                                         |         |             |             |                                            |
| 2CC #24 | CA 5A-4A    |             | 3CC #49                                    | 3CC #24  | CA 2A-4A-12A  |             | No                                         | 4CC #24 | CA 5B-6B      |             | 5CC #9                                     |         |             |             |                                            |
| 2CC #25 | CA 5A-5A    |             | 3CC #28                                    | 3CC #25  | CA 2A-4A-13A  |             | No                                         | 4CC #25 | CA 5B-6B      |             | 5CC #11                                    |         |             |             |                                            |
| 2CC #26 | CA 5A-7A    |             | No                                         | 3CC #26  | CA 2A-4A-30A  |             | No                                         | 4CC #26 | CA 13A-4B     |             | No                                         |         |             |             |                                            |
| 2CC #27 | CA 5A-30A   |             | 3CC #29                                    | 3CC #27  | CA 2A-4A-7A   |             | No                                         | 4CC #27 | CA 25A-4B     |             | No                                         |         |             |             |                                            |
| 2CC #28 | CA 5A-6B    |             | 3CC #30                                    | 3CC #28  | CA 2A-5A-5A   |             | No                                         | 4CC #28 | CA 30A-5B-2A  |             | No                                         |         |             |             |                                            |
| 2CC #29 | CA 5A-6B    |             | 3CC #31                                    | 3CC #29  | CA 2A-5A-30A  |             | No                                         | 4CC #29 | CA 6B-5B-2A   |             | No                                         |         |             |             |                                            |
| 2CC #30 | CA 7A-2A    |             | 3CC #62                                    | 3CC #30  | CA 2A-5A-4B   |             | No                                         | 4CC #30 | CA 6B-2A-2A   |             | No                                         |         |             |             |                                            |
| 2CC #31 | CA 7A-4A    |             | 3CC #62                                    | 3CC #31  | CA 2A-5A-6B   |             | No                                         | 4CC #31 | CA 6B-5A-2A   |             | No                                         |         |             |             |                                            |
| 2CC #32 | CA 7A-5A    |             | No                                         | 3CC #32  | CA 2A-12A-30A |             | No                                         | 4CC #32 | CA 6B-5A-2A   |             | No                                         |         |             |             |                                            |
| 2CC #33 | CA 7A-7A    |             | No                                         | 3CC #33  | CA 2A-12A-6B  |             | No                                         | 4CC #33 | CA 6B-5B-2A   |             | No                                         |         |             |             |                                            |
| 2CC #34 | CA 12A-2A   |             | 3CC #63                                    | 3CC #34  | CA 4A-2A-2A   |             | No                                         | 4CC #34 | CA 6B-5B      |             | 5CC #13                                    |         |             |             |                                            |
| 2CC #35 | CA 12A-3A   |             | 3CC #64                                    | 3CC #35  | CA 4A-2A-4A   |             | No                                         | 4CC #35 | CA 6B-5B      |             | 5CC #14                                    |         |             |             |                                            |
| 2CC #36 | CA 12A-30A  |             | 3CC #65                                    | 3CC #36  | CA 4A-2A-5A   |             | No                                         | 4CC #36 | CA 6B-4B      |             | No                                         |         |             |             |                                            |
| 2CC #37 | CA 12A-6B   |             | 3CC #33                                    | 3CC #37  | CA 4A-5A-2A   |             | No                                         | 4CC #37 | CA 6B-4B      |             | No                                         |         |             |             |                                            |
| 2CC #38 | CA 13A-2A   |             | 3CC #67                                    | 3CC #38  | CA 4A-2A-7A   |             | No                                         | 4CC #38 | CA 6B-4B      |             | No                                         |         |             |             |                                            |
| 2CC #39 | CA 13A-4A   |             | No                                         | 3CC #39  | CA 4A-2A-12A  |             | No                                         | 4CC #39 | CA 4B-2A      |             | No                                         |         |             |             |                                            |
| 2CC #40 | CA 13A-6B   |             | No                                         | 3CC #40  | CA 4A-2A-13A  |             | No                                         | 4CC #40 | CA 4B-2A      |             | No                                         |         |             |             |                                            |
| 2CC #41 | CA 13A-6B   |             | No                                         | 3CC #41  | CA 4A-13A-2A  |             | No                                         | 4CC #41 | CA 4B-6B      |             | No                                         |         |             |             |                                            |
| 2CC #42 | CA 14A-2A   |             | 3CC #77                                    | 3CC #42  | CA 4A-13A-2A  |             | No                                         | 4CC #42 | CA 4B-6B      |             | No                                         |         |             |             |                                            |
| 2CC #43 | CA 14A-30A  |             | No                                         | 3CC #43  | CA 4A-2A-30A  |             | No                                         | 4CC #43 | CA 4B-5A-2A   |             | No                                         |         |             |             |                                            |
| 2CC #44 | CA 14A-6B   |             | No                                         | 3CC #44  | CA 4A-2A-7A   |             | No                                         | 4CC #44 | CA 4B-4A      |             | No                                         |         |             |             |                                            |
| 2CC #45 | CA 17A-2A   |             | No                                         | 3CC #45  | CA 4A-12A     |             | No                                         | 4CC #45 | CA 4B-5A      |             | 5CC #15                                    |         |             |             |                                            |
| 2CC #46 | CA 17A-4A   |             | No                                         | 3CC #46  | CA 4A-4B      |             | No                                         | 4CC #46 | CA 4B-13A     |             | No                                         |         |             |             |                                            |
| 2CC #47 | CA 25A-2A   |             | No                                         | 3CC #47  | CA 5B-2A      |             | 4CC #28                                    | 4CC #47 | CA 4B-2A      |             | 5CC #15                                    |         |             |             |                                            |
| 2CC #48 | CA 25A-6B   |             | No                                         | 3CC #48  | CA 5A-2A-2A   |             | No                                         |         | CA 5A-2A-2A   |             |                                            |         |             |             |                                            |
| 2CC #49 | CA 25A-41A  |             | No                                         | 3CC #49  | CA 5A-2A-4A   |             | No                                         |         | CA 5A-2A-4A   |             |                                            |         |             |             |                                            |
| 2CC #50 | CA 2A-2A-2A |             | No                                         | 3CC #50  | CA 5A-2A-5A   |             | No                                         |         | CA 5A-2A-5A   |             |                                            |         |             |             |                                            |
| 2CC #51 | CA 2B-4A    |             | 3CC #51                                    | 3CC #51  | CA 5A-2A-5A   |             | No                                         |         | CA 5A-2A-5A   |             |                                            |         |             |             |                                            |
| 2CC #52 | CA 30A-2A   |             | 3CC #75                                    | 3CC #52  | CA 5A-2A-4B   |             | No                                         |         | CA 5A-2A-4B   |             |                                            |         |             |             |                                            |
| 2CC #53 | CA 30A-4A   |             | 3CC #76                                    | 3CC #53  | CA 5A-4B-2A   |             | No                                         |         | CA 5A-4B-2A   |             |                                            |         |             |             |                                            |
| 2CC #54 | CA 30A-5A   |             | 3CC #77                                    | 3CC #54  | CA 5A-2A-6B   |             | No                                         |         | CA 5A-2A-6B   |             |                                            |         |             |             |                                            |
| 2CC #55 | CA 30A-12A  |             | 3CC #78                                    | 3CC #55  | CA 5A-6B-2A   |             | No                                         |         | CA 5A-6B-2A   |             |                                            |         |             |             |                                            |
| 2CC #56 | CA 30A-14A  |             | No                                         | 3CC #56  | CA 5B-4A      |             | 4CC #15                                    |         | CA 5B-4A      |             |                                            |         |             |             |                                            |
| 2CC #57 | CA 30A-6B   |             | No                                         | 3CC #57  | CA 5B-30A     |             | 4CC #16                                    |         | CA 5B-30A     |             |                                            |         |             |             |                                            |
| 2CC #58 | CA 41A-5B   |             | No                                         | 3CC #58  | CA 1A-4B      |             | 4CC #17                                    |         | CA 1A-4B      |             |                                            |         |             |             |                                            |
| 2CC #59 | CA 41A-5B   |             | No                                         | 3CC #59  | CA 5A-6B      |             | 4CC #18                                    |         | CA 5A-6B      |             |                                            |         |             |             |                                            |
| 2CC #60 | CA 41A-41A  |             | No                                         | 3CC #60  | CA 5A-6B      |             | 4CC #20                                    |         | CA 5A-6B      |             |                                            |         |             |             |                                            |
| 2CC #61 | CA 4B-2A    |             | 3CC #101                                   | 3CC #61  | CA 5B-6B      |             | 4CC #23                                    |         | CA 5B-6B      |             |                                            |         |             |             |                                            |
| 2CC #62 | CA 4B-4A    |             | No                                         | 3CC #62  | CA 7A-5A-2A   |             | No                                         |         | CA 7A-5A-2A   |             |                                            |         |             |             |                                            |
| 2CC #63 | CA 4B-5A    |             | 3CC #101                                   | 3CC #63  | CA 12A-2A-2A  |             | No                                         |         | CA 12A-2A-2A  |             |                                            |         |             |             |                                            |
| 2CC #64 | CA 4B-13A   |             | No                                         | 3CC #64  | CA 12A-4A-2A  |             | No                                         |         | CA 12A-4A-2A  |             |                                            |         |             |             |                                            |
| 2CC #65 | CA 4B-6B    |             | No                                         | 3CC #65  | CA 12A-2A-30A |             | No                                         |         | CA 12A-2A-30A |             |                                            |         |             |             |                                            |
| 2CC #66 | CA 4B-6B    |             | No                                         | 3CC #66  | CA 12A-6B     |             | No                                         |         | CA 12A-6B     |             |                                            |         |             |             |                                            |
| 2CC #67 | CA 6B-2A    |             | 3CC #85                                    | 3CC #67  | CA 13A-2A-2A  |             | No                                         |         | CA 13A-2A-2A  |             |                                            |         |             |             |                                            |
| 2CC #68 | CA 6B-5A    |             | 3CC #85                                    | 3CC #68  | CA 13A-2A-2A  |             | No                                         |         | CA 13A-2A-2A  |             |                                            |         |             |             |                                            |
| 2CC #69 | CA 6B-12A   |             | No                                         | 3CC #69  | CA 13A-4B     |             | No                                         |         | CA 13A-4B     |             |                                            |         |             |             |                                            |
| 2CC #70 | CA 6B-13A   |             | No                                         | 3CC #70  | CA 13A-6B     |             | No                                         |         | CA 13A-6B     |             |                                            |         |             |             |                                            |
| 2CC #71 | CA 6B-14A   |             | No                                         | 3CC #71  | CA 13A-6B     |             | No                                         |         | CA 13A-6B     |             |                                            |         |             |             |                                            |
| 2CC #72 | CA 6B-30A   |             | No                                         | 3CC #72  | CA 14A-2A-2A  |             | No                                         |         | CA 14A-2A-2A  |             |                                            |         |             |             |                                            |
| 2CC #73 | CA 6B-4B    |             | No                                         | 3CC #73  | CA 2A-4A      |             | No                                         |         | CA 2A-4A      |             |                                            |         |             |             |                                            |
| 2CC #74 | CA 6B-6B    |             | No                                         | 3CC #74  | CA 2A-41C     |             | No                                         |         | CA 2A-41C     |             |                                            |         |             |             |                                            |
| 2CC #75 | CA 6B-7A    |             | No                                         | 3CC #75  | CA 30A-2A-2A  |             | No                                         |         | CA 30A-2A-2A  |             |                                            |         |             |             |                                            |
| 2CC #76 | CA 71A-2A   |             | 3CC #98                                    | 3CC #76  | CA 30A-4A-2A  |             | No                                         |         | CA 30A-4A-2A  |             |                                            |         |             |             |                                            |
| 2CC #77 | CA 71A-4A   |             | 3CC #99                                    | 3CC #77  | CA 30A-5A-2A  |             | No                                         |         | CA 30A-5A-2A  |             |                                            |         |             |             |                                            |
| 2CC #78 | CA 71A-6B   |             | No                                         | 3CC #78  | CA 30A-12A-2A |             | No                                         |         | CA 30A-12A-2A |             |                                            |         |             |             |                                            |
| 2CC #79 | CA 2C       |             | 3CC #82                                    | 3CC #79  | CA 30A-5B     |             | 4CC #28                                    |         | CA 30A-5B     |             |                                            |         |             |             |                                            |
| 2CC #80 | CA 5B       |             | 3CC #79                                    | 3CC #80  | CA 41C-1A     |             | No                                         |         | CA 41C-1A     |             |                                            |         |             |             |                                            |
| 2CC #81 | CA 7C       |             | No                                         | 3CC #81  | CA 41C-2A     |             | No                                         |         | CA 41C-2A     |             |                                            |         |             |             |                                            |
| 2CC #82 | CA 3B       |             | No                                         | 3CC #82  | CA 6B-2A      |             | No                                         |         | CA 6B-2A      |             |                                            |         |             |             |                                            |
| 2CC #83 | CA 41C      |             | 3CC #80                                    | 3CC #83  | CA 6B-2A      |             | 4CC #29                                    |         | CA 6B-2A      |             |                                            |         |             |             |                                            |
| 2CC #84 | CA 4B       |             | 3CC #84                                    | 3CC #84  | CA 6B-2A      |             | 4CC #30                                    |         | CA 6B-2A      |             |                                            |         |             |             |                                            |
| 2CC #85 | CA 6B       |             | 3CC #94                                    | 3CC #85  | CA 6B-2A-2A   |             | No                                         |         | CA 6B-2A-2A   |             |                                            |         |             |             |                                            |
| 2CC #86 | CA 6B       |             | 3CC #95                                    | 3CC #86  | CA 6B-5A-2A   |             | No                                         |         | CA 6B-5A-2A   |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #87  | CA 6B-5A      |             | 4CC #31                                    |         | CA 6B-5A      |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #88  | CA 6B-5A      |             | 4CC #32                                    |         | CA 6B-5A      |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #89  | CA 6B-5B      |             | 4CC #33                                    |         | CA 6B-5B      |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #90  | CA 6B-12A     |             | No                                         |         | CA 6B-12A     |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #91  | CA 6B-13A     |             | No                                         |         | CA 6B-13A     |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #92  | CA 6B-13A     |             | No                                         |         | CA 6B-13A     |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #93  | CA 6B-16A     |             | No                                         |         | CA 6B-16A     |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #94  | CA 6B-4B      |             | No                                         |         | CA 6B-4B      |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #95  | CA 6B-4B      |             | No                                         |         | CA 6B-4B      |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #96  | CA 6B-4B      |             | No                                         |         | CA 6B-4B      |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #97  | CA 6B-4B      |             | No                                         |         | CA 6B-4B      |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #98  | CA 71A-2A-2A  |             | No                                         |         | CA 71A-2A-2A  |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #99  | CA 71A-4A-2A  |             | No                                         |         | CA 71A-4A-2A  |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #100 | CA 4B-2A      |             | 4CC #43                                    |         | CA 4B-2A      |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #101 | CA 4B-5A-2A   |             | No                                         |         | CA 4B-5A-2A   |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #102 | CA 4B-4A      |             | No                                         |         | CA 4B-4A      |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #103 | CA 4B-5A      |             | 4CC #43                                    |         | CA 4B-5A      |             |                                            |         |             |             |                                            |
|         |             |             |                                            | 3CC #104 | CA 4B-13A     |             | No                                         |         | CA 4B-13A     |             |                                            |         |             |             |                                            |
|         |             |             |                                            |          |               |             |                                            |         |               |             |                                            |         |             |             |                                            |

Note:

- 1) The channel spacing and aggregated channel bandwidth for CA are identical to the associated specification in 3GPP TS 36.521-1 V16.6.0.
- 2) The reference test frequencies for CA refers to 3GPP TS 36.508 V16.6.0
- 3) Testing is not required in bands or modes not intended/allowed for US operation
- 4) Based on TCB workshop April 2018, only indicate “No” in CA combination table need power measurement

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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## 5.5 LTE Intra-Band UL CA

## Notebook mode

| CA_5B_NB mode                           |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-----------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 50RB + 50RB (10MHz + 10MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                     |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                         | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 10                                      | QPSK       | 829             | 20450   | 1       | 49        | 10              | QPSK       | 838.9           | 20549   | 1       | 0         | 0        | 22.99          | 24.00               |
| 10                                      | QPSK       | 831.6           | 20476   | 1       | 49        | 10              | QPSK       | 841.5           | 20575   | 1       | 0         | 0        | 22.86          | 24.00               |
| 10                                      | QPSK       | 834.1           | 20501   | 1       | 49        | 10              | QPSK       | 844             | 20600   | 1       | 0         | 0        | 22.92          | 24.00               |
| Combination 50RB + 25RB (10MHz + 5MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                     |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                         | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 10                                      | QPSK       | 829             | 20450   | 1       | 49        | 5               | QPSK       | 836.2           | 20522   | 1       | 0         | 0        | 22.93          | 24.00               |
| 10                                      | QPSK       | 834             | 20500   | 1       | 49        | 5               | QPSK       | 841.2           | 20572   | 1       | 0         | 0        | 22.97          | 24.00               |
| 10                                      | QPSK       | 839             | 20550   | 1       | 49        | 5               | QPSK       | 846.2           | 20622   | 1       | 0         | 0        | 22.93          | 24.00               |

| CA_7C_NB mode                             |            |         |                 |         |           |                 |            |         |                 |         |           |          |                |                     |
|-------------------------------------------|------------|---------|-----------------|---------|-----------|-----------------|------------|---------|-----------------|---------|-----------|----------|----------------|---------------------|
| Combination 100RB + 100RB (20MHz + 20MHz) |            |         |                 |         |           |                 |            |         |                 |         |           |          |                |                     |
| PCC                                       |            |         |                 |         |           | SCC             |            |         |                 |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Channel | Frequency [MHz] | RB size | RB Offset | Bandwidth [MHz] | Modulation | Channel | Frequency [MHz] | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 21350   | 2560            | 1       | 0         | 20              | QPSK       | 21152   | 2540.2          | 1       | 50        |          | 22.37          | 24.00               |
| 20                                        | QPSK       | 20850   | 2510            | 1       | 0         | 20              | QPSK       | 21048   | 2529.8          | 1       | 0         | 0        | 22.35          | 24.00               |
| Combination 75RB + 100RB (15MHz + 20MHz)  |            |         |                 |         |           |                 |            |         |                 |         |           |          |                |                     |
| PCC                                       |            |         |                 |         |           | SCC             |            |         |                 |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Channel | Frequency [MHz] | RB size | RB Offset | Bandwidth [MHz] | Modulation | Channel | Frequency [MHz] | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 21350   | 2560            | 1       | 0         | 15              | QPSK       | 21179   | 2542.9          | 1       | 36        |          | 22.41          | 24.00               |
| 20                                        | QPSK       | 20850   | 2510            | 1       | 0         | 15              | QPSK       | 21021   | 2527.1          | 1       | 0         | 0        | 22.30          | 24.00               |
| Combination 75RB + 75RB (15MHz + 15MHz)   |            |         |                 |         |           |                 |            |         |                 |         |           |          |                |                     |
| PCC                                       |            |         |                 |         |           | SCC             |            |         |                 |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Channel | Frequency [MHz] | RB size | RB Offset | Bandwidth [MHz] | Modulation | Channel | Frequency [MHz] | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 21375   | 2562.5          | 1       | 0         | 15              | QPSK       | 21225   | 2547.5          | 1       | 36        |          | 22.38          | 24.00               |
| Combination 75RB + 50RB (15MHz + 10MHz)   |            |         |                 |         |           |                 |            |         |                 |         |           |          |                |                     |
| PCC                                       |            |         |                 |         |           | SCC             |            |         |                 |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Channel | Frequency [MHz] | RB size | RB Offset | Bandwidth [MHz] | Modulation | Channel | Frequency [MHz] | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 21375   | 2562.5          | 1       | 0         | 10              | QPSK       | 20945   | 2519.5          | 1       | 12        |          | 22.36          | 24.00               |
| Combination 50RB + 100RB (10MHz + 20MHz)  |            |         |                 |         |           |                 |            |         |                 |         |           |          |                |                     |
| PCC                                       |            |         |                 |         |           | SCC             |            |         |                 |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Channel | Frequency [MHz] | RB size | RB Offset | Bandwidth [MHz] | Modulation | Channel | Frequency [MHz] | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 21350   | 2560            | 1       | 0         | 10              | QPSK       | 20994   | 2524.4          | 1       | 12        |          | 22.22          | 24.00               |

| CA_66B_NB mode                          |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-----------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 50RB + 50RB (10MHz + 10MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                     |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                         | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 10                                      | QPSK       | 1715            | 132022  | 1       | 49        | 10              | QPSK       | 1724.9          | 132121  | 1       | 0         |          | 22.74          | 24.00               |
| 10                                      | QPSK       | 1750.1          | 132373  | 1       | 49        | 10              | QPSK       | 1760            | 132472  | 1       | 0         |          | 22.50          | 24.00               |
| 10                                      | QPSK       | 1765.1          | 132523  | 1       | 49        | 10              | QPSK       | 1775            | 132622  | 1       | 0         | 22.81    | 24.00          |                     |
| Combination 25RB + 75RB (5MHz + 15MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                     |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                         | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 5                                       | QPSK       | 1713            | 132002  | 1       | 24        | 15              | QPSK       | 1722.3          | 132095  | 1       | 0         |          | 22.44          | 24.00               |
| 5                                       | QPSK       | 1748.1          | 132353  | 1       | 24        | 15              | QPSK       | 1757.4          | 132446  | 1       | 0         |          | 22.41          | 24.00               |
| 5                                       | QPSK       | 1763.2          | 132504  | 1       | 24        | 15              | QPSK       | 1772.5          | 132597  | 1       | 0         | 22.36    | 24.00          |                     |
| Combination 25RB + 50RB (5MHz + 10MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                     |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                         | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 5                                       | QPSK       | 1712.8          | 132000  | 1       | 24        | 10              | QPSK       | 1720            | 132072  | 1       | 0         |          | 22.55          | 24.00               |
| 5                                       | QPSK       | 1750.3          | 132375  | 1       | 24        | 10              | QPSK       | 1757.5          | 132447  | 1       | 0         |          | 22.71          | 24.00               |
| 5                                       | QPSK       | 1767.8          | 132550  | 1       | 24        | 10              | QPSK       | 1775            | 132622  | 1       | 0         | 22.50    | 24.00          |                     |
| Combination 25RB + 25RB (5MHz + 5MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                     |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                         | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 5                                       | QPSK       | 1712.5          | 131997  | 1       | 24        | 5               | QPSK       | 1717.3          | 132045  | 1       | 0         |          | 22.57          | 24.00               |
| 5                                       | QPSK       | 1752.6          | 132398  | 1       | 24        | 5               | QPSK       | 1757.4          | 132446  | 1       | 0         |          | 22.61          | 24.00               |
| 5                                       | QPSK       | 1772.7          | 132599  | 1       | 24        | 5               | QPSK       | 1777.5          | 132647  | 1       | 0         | 22.35    | 24.00          |                     |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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| CA_66C_NB mode                            |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-------------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 100RB + 100RB (20MHz + 20MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 1720            | 132072  | 1       | 99        | 20              | QPSK       | 1739.8          | 132270  | 1       | 0         | 0        | 22.37          | 24.00               |
| 20                                        | QPSK       | 1745.1          | 132323  | 1       | 99        | 20              | QPSK       | 1764.9          | 132521  | 1       | 0         | 0        | 22.82          | 24.00               |
| 20                                        | QPSK       | 1750.2          | 132374  | 1       | 99        | 20              | QPSK       | 1770            | 132572  | 1       | 0         | 0        | 22.72          | 24.00               |
| Combination 75RB + 100RB (15MHz + 20MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 1717.8          | 132050  | 1       | 74        | 20              | QPSK       | 1734.9          | 132221  | 1       | 0         | 0        | 22.42          | 24.00               |
| 15                                        | QPSK       | 1745.3          | 132325  | 1       | 74        | 20              | QPSK       | 1762.4          | 132496  | 1       | 0         | 0        | 22.47          | 24.00               |
| 15                                        | QPSK       | 1752.9          | 132401  | 1       | 74        | 20              | QPSK       | 1770            | 132572  | 1       | 0         | 0        | 22.41          | 24.00               |
| Combination 75RB + 75RB (15MHz + 15MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 1717.5          | 132047  | 1       | 74        | 15              | QPSK       | 1732.5          | 132197  | 1       | 0         | 0        | 22.81          | 24.00               |
| 15                                        | QPSK       | 1747.5          | 132347  | 1       | 74        | 15              | QPSK       | 1762.5          | 132497  | 1       | 0         | 0        | 22.76          | 24.00               |
| 15                                        | QPSK       | 1757.5          | 132447  | 1       | 74        | 15              | QPSK       | 1772.5          | 132597  | 1       | 0         | 0        | 22.50          | 24.00               |
| Combination 50RB + 100RB (10MHz + 20MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 10                                        | QPSK       | 1715.5          | 132027  | 1       | 49        | 20              | QPSK       | 1729.9          | 132171  | 1       | 0         | 0        | 22.34          | 24.00               |
| 10                                        | QPSK       | 1745.6          | 132328  | 1       | 49        | 20              | QPSK       | 1760            | 132472  | 1       | 0         | 0        | 22.51          | 24.00               |
| 10                                        | QPSK       | 1755.6          | 132428  | 1       | 49        | 20              | QPSK       | 1770            | 132572  | 1       | 0         | 0        | 22.66          | 24.00               |
| Combination 50RB + 75RB (10MHz + 15MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 10                                        | QPSK       | 1715.3          | 132025  | 1       | 49        | 15              | QPSK       | 1727.3          | 132145  | 1       | 0         | 0        | 22.58          | 24.00               |
| 10                                        | QPSK       | 1747.9          | 132351  | 1       | 49        | 15              | QPSK       | 1759.9          | 132471  | 1       | 0         | 0        | 22.68          | 24.00               |
| 10                                        | QPSK       | 1760.5          | 132477  | 1       | 49        | 15              | QPSK       | 1772.5          | 132597  | 1       | 0         | 0        | 22.34          | 24.00               |
| Combination 100RB + 25RB (20MHz + 5MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 1720            | 132072  | 1       | 99        | 5               | QPSK       | 1731.7          | 132189  | 1       | 0         | 0        | 22.77          | 24.00               |
| 20                                        | QPSK       | 1752.5          | 132397  | 1       | 99        | 5               | QPSK       | 1764.2          | 132514  | 1       | 0         | 0        | 22.61          | 24.00               |
| 20                                        | QPSK       | 1765            | 132522  | 1       | 99        | 5               | QPSK       | 1776.7          | 132639  | 1       | 0         | 0        | 22.41          | 24.00               |

| CA_38C_NB mode                            |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-------------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 100RB + 100RB (20MHz + 20MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 2580            | 37850   | 1       | 99        | 20              | QPSK       | 2599.8          | 38048   | 1       | 0         | 0        | 22.46          | 24.00               |
| 20                                        | QPSK       | 2585.1          | 37901   | 1       | 99        | 20              | QPSK       | 2604.9          | 38099   | 1       | 0         | 0        | 22.29          | 24.00               |
| 20                                        | QPSK       | 2590.2          | 37952   | 1       | 99        | 20              | QPSK       | 2610            | 38150   | 1       | 0         | 0        | 22.14          | 24.00               |
| Combination 75RB + 75RB (15MHz + 15MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 2577.5          | 37825   | 1       | 74        | 15              | QPSK       | 2592.5          | 37975   | 1       | 0         | 0        | 22.25          | 24.00               |
| 15                                        | QPSK       | 2587.5          | 37925   | 1       | 74        | 15              | QPSK       | 2602.5          | 38075   | 1       | 0         | 0        | 22.18          | 24.00               |
| 15                                        | QPSK       | 2597.5          | 38025   | 1       | 74        | 15              | QPSK       | 2612.5          | 38175   | 1       | 0         | 0        | 22.42          | 24.00               |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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| CA_41C_NB mode                            |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-------------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 100RB + 100RB (20MHz + 20MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 2680            | 41490   | 1       | 0         | 20              | QPSK       | 2660.2          | 41292   | 1       | 0         | 0        | 22.34          | 24.00               |
| 20                                        | QPSK       | 2506            | 39750   | 1       | 0         | 20              | QPSK       | 2525.8          | 39948   | 1       | 99        | 0        | 22.25          | 24.00               |
| Combination 75RB + 100RB (15MHz + 20MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 2680            | 41490   | 1       | 0         | 15              | QPSK       | 2662.9          | 41319   | 1       | 0         | 0        | 22.23          | 24.00               |
| 20                                        | QPSK       | 2506            | 39750   | 1       | 0         | 15              | QPSK       | 2523.1          | 39921   | 1       | 74        | 0        | 22.40          | 24.00               |
| Combination 75RB + 75RB (15MHz + 15MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 2682.5          | 41515   | 1       | 0         | 15              | QPSK       | 2667.5          | 41365   | 1       | 0         | 0        | 22.57          | 24.00               |
| 15                                        | QPSK       | 2503.5          | 39725   | 1       | 0         | 15              | QPSK       | 2518.5          | 39875   | 1       | 74        | 0        | 22.41          | 24.00               |
| Combination 50RB + 100RB (10MHz + 20MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 2680            | 41490   | 1       | 0         | 10              | QPSK       | 2665.6          | 41346   | 1       | 0         | 0        | 22.50          | 24.00               |
| 20                                        | QPSK       | 2506            | 39750   | 1       | 0         | 10              | QPSK       | 2520.4          | 39894   | 1       | 49        | 0        | 22.25          | 24.00               |
| Combination 50RB + 75RB (10MHz + 15MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 2682.5          | 41515   | 1       | 0         | 10              | QPSK       | 2670.5          | 41395   | 1       | 0         | 0        | 22.48          | 24.00               |
| 15                                        | QPSK       | 2503.5          | 39725   | 1       | 0         | 10              | QPSK       | 2515.5          | 39845   | 1       | 49        | 0        | 22.61          | 24.00               |
| Combination 25RB + 100RB (5MHz + 20MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 2680            | 41490   | 1       | 0         | 5               | QPSK       | 2668.3          | 41373   | 1       | 0         | 0        | 22.32          | 24.00               |
| 20                                        | QPSK       | 2506            | 39750   | 1       | 0         | 5               | QPSK       | 2517.7          | 39867   | 1       | 24        | 0        | 22.30          | 24.00               |

| CA_42C_NB mode                            |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-------------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 100RB + 100RB (20MHz + 20MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 3590            | 43490   | 1       | 0         | 20              | QPSK       | 3570.2          | 43292   | 1       | 0         | 0        | 23.06          | 24.00               |

| CA_48C_NB mode                            |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-------------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 100RB + 100RB (20MHz + 20MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 3560            | 55340   | 1       | 99        | 20              | QPSK       | 3579.8          | 55538   | 1       | 0         | 0        | 20.81          | 22.00               |
| 20                                        | QPSK       | 3615.1          | 55891   | 1       | 99        | 20              | QPSK       | 3634.9          | 56089   | 1       | 0         | 0        | 20.77          | 22.00               |
| 20                                        | QPSK       | 3670.2          | 56442   | 1       | 99        | 20              | QPSK       | 3690            | 56640   | 1       | 0         | 0        | 21.19          | 22.00               |
| Combination 75RB + 100RB (15MHz + 20MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 3557.8          | 55318   | 1       | 74        | 20              | QPSK       | 3574.9          | 55489   | 1       | 0         | 0        | 20.82          | 22.00               |
| 15                                        | QPSK       | 3615.3          | 55893   | 1       | 74        | 20              | QPSK       | 3632.4          | 56064   | 1       | 0         | 0        | 21.17          | 22.00               |
| 15                                        | QPSK       | 3672.9          | 56469   | 1       | 74        | 20              | QPSK       | 3690            | 56640   | 1       | 0         | 0        | 21.18          | 22.00               |
| Combination 50RB + 100RB (10MHz + 20MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 10                                        | QPSK       | 3555.5          | 55295   | 1       | 49        | 20              | QPSK       | 3569.9          | 55439   | 1       | 0         | 0        | 21.08          | 22.00               |
| 10                                        | QPSK       | 3615.6          | 55896   | 1       | 49        | 20              | QPSK       | 3630            | 56040   | 1       | 0         | 0        | 21.10          | 22.00               |
| 10                                        | QPSK       | 3675.6          | 56496   | 1       | 49        | 20              | QPSK       | 3690            | 56640   | 1       | 0         | 0        | 20.99          | 22.00               |
| Combination 25RB + 100RB (5MHz + 20MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 5                                         | QPSK       | 3553.3          | 55273   | 1       | 24        | 20              | QPSK       | 3565            | 55390   | 1       | 0         | 0        | 21.19          | 22.00               |
| 5                                         | QPSK       | 3615.8          | 55898   | 1       | 24        | 20              | QPSK       | 3627.5          | 56015   | 1       | 0         | 0        | 21.06          | 22.00               |
| 5                                         | QPSK       | 3678.3          | 56523   | 1       | 24        | 20              | QPSK       | 3690            | 56640   | 1       | 0         | 0        | 20.92          | 22.00               |

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## Tablet mode

| CA_5B_TB mode                           |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-----------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 50RB + 50RB (10MHz + 10MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                     |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                         | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 10                                      | QPSK       | 829             | 20450   | 1       | 49        | 10              | QPSK       | 838.9           | 20549   | 1       | 0         | 0        | 17.89          | 18.50               |
| 10                                      | QPSK       | 831.6           | 20476   | 1       | 49        | 10              | QPSK       | 841.5           | 20575   | 1       | 0         | 0        | 17.67          | 18.50               |
| 10                                      | QPSK       | 834.1           | 20501   | 1       | 49        | 10              | QPSK       | 844             | 20600   | 1       | 0         | 0        | 17.78          | 18.50               |
| Combination 50RB + 25RB (10MHz + 5MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                     |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                         | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 10                                      | QPSK       | 829             | 20450   | 1       | 49        | 5               | QPSK       | 836.2           | 20522   | 1       | 0         | 0        | 17.88          | 18.50               |
| 10                                      | QPSK       | 834             | 20500   | 1       | 49        | 5               | QPSK       | 841.2           | 20572   | 1       | 0         | 0        | 17.83          | 18.50               |
| 10                                      | QPSK       | 839             | 20550   | 1       | 49        | 5               | QPSK       | 846.2           | 20622   | 1       | 0         | 0        | 17.76          | 18.50               |

| CA_7C_TB mode                             |            |         |                 |         |           |                 |            |         |                 |         |           |          |                |                     |
|-------------------------------------------|------------|---------|-----------------|---------|-----------|-----------------|------------|---------|-----------------|---------|-----------|----------|----------------|---------------------|
| Combination 100RB + 100RB (20MHz + 20MHz) |            |         |                 |         |           |                 |            |         |                 |         |           |          |                |                     |
| PCC                                       |            |         |                 |         |           | SCC             |            |         |                 |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Channel | Frequency [MHz] | RB size | RB Offset | Bandwidth [MHz] | Modulation | Channel | Frequency [MHz] | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 21350   | 2560            | 1       | 0         | 20              | QPSK       | 21152   | 2540.2          | 1       | 50        | 0        | 16.97          | 17.50               |
| 20                                        | QPSK       | 20850   | 2510            | 1       | 0         | 20              | QPSK       | 21048   | 2529.8          | 1       | 0         | 0        | 16.68          | 17.50               |
| Combination 75RB + 100RB (15MHz + 20MHz)  |            |         |                 |         |           |                 |            |         |                 |         |           |          |                |                     |
| PCC                                       |            |         |                 |         |           | SCC             |            |         |                 |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Channel | Frequency [MHz] | RB size | RB Offset | Bandwidth [MHz] | Modulation | Channel | Frequency [MHz] | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 21350   | 2560            | 1       | 0         | 15              | QPSK       | 21179   | 2542.9          | 1       | 36        | 0        | 16.74          | 17.50               |
| 20                                        | QPSK       | 20850   | 2510            | 1       | 0         | 15              | QPSK       | 21021   | 2527.1          | 1       | 0         | 0        | 16.75          | 17.50               |
| Combination 75RB + 75RB (15MHz + 15MHz)   |            |         |                 |         |           |                 |            |         |                 |         |           |          |                |                     |
| PCC                                       |            |         |                 |         |           | SCC             |            |         |                 |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Channel | Frequency [MHz] | RB size | RB Offset | Bandwidth [MHz] | Modulation | Channel | Frequency [MHz] | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 21375   | 2562.5          | 1       | 0         | 15              | QPSK       | 21225   | 2547.5          | 1       | 36        | 0        | 16.95          | 17.50               |
| Combination 75RB + 50RB (15MHz + 10MHz)   |            |         |                 |         |           |                 |            |         |                 |         |           |          |                |                     |
| PCC                                       |            |         |                 |         |           | SCC             |            |         |                 |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Channel | Frequency [MHz] | RB size | RB Offset | Bandwidth [MHz] | Modulation | Channel | Frequency [MHz] | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 21375   | 2562.5          | 1       | 0         | 10              | QPSK       | 20945   | 2519.5          | 1       | 12        | 0        | 16.75          | 17.50               |
| Combination 50RB + 100RB (10MHz + 20MHz)  |            |         |                 |         |           |                 |            |         |                 |         |           |          |                |                     |
| PCC                                       |            |         |                 |         |           | SCC             |            |         |                 |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Channel | Frequency [MHz] | RB size | RB Offset | Bandwidth [MHz] | Modulation | Channel | Frequency [MHz] | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 21350   | 2560            | 1       | 0         | 10              | QPSK       | 20994   | 2524.4          | 1       | 12        | 0        | 16.61          | 17.50               |

| CA_66B_TB mode                          |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-----------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 50RB + 50RB (10MHz + 10MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                     |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                         | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 10                                      | QPSK       | 1715            | 132022  | 1       | 49        | 10              | QPSK       | 1724.9          | 132121  | 1       | 0         | 0        | 16.72          | 17.00               |
| 10                                      | QPSK       | 1750.1          | 132373  | 1       | 49        | 10              | QPSK       | 1760            | 132472  | 1       | 0         | 0        | 16.42          | 17.00               |
| 10                                      | QPSK       | 1765.1          | 132523  | 1       | 49        | 10              | QPSK       | 1775            | 132622  | 1       | 0         | 0        | 16.47          | 17.00               |
| Combination 25RB + 75RB (5MHz + 15MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                     |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                         | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 5                                       | QPSK       | 1713            | 132002  | 1       | 24        | 15              | QPSK       | 1722.3          | 132095  | 1       | 0         | 0        | 16.49          | 17.00               |
| 5                                       | QPSK       | 1748.1          | 132353  | 1       | 24        | 15              | QPSK       | 1757.4          | 132446  | 1       | 0         | 0        | 16.73          | 17.00               |
| 5                                       | QPSK       | 1763.2          | 132504  | 1       | 24        | 15              | QPSK       | 1772.5          | 132597  | 1       | 0         | 0        | 16.46          | 17.00               |
| Combination 25RB + 50RB (5MHz + 10MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                     |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                         | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 5                                       | QPSK       | 1712.8          | 132000  | 1       | 24        | 10              | QPSK       | 1720            | 132072  | 1       | 0         | 0        | 16.58          | 17.00               |
| 5                                       | QPSK       | 1750.3          | 132375  | 1       | 24        | 10              | QPSK       | 1757.5          | 132447  | 1       | 0         | 0        | 16.63          | 17.00               |
| 5                                       | QPSK       | 1767.8          | 132550  | 1       | 24        | 10              | QPSK       | 1775            | 132622  | 1       | 0         | 0        | 16.47          | 17.00               |
| Combination 25RB + 25RB (5MHz + 5MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                     |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                         | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 5                                       | QPSK       | 1712.5          | 131997  | 1       | 24        | 5               | QPSK       | 1717.3          | 132045  | 1       | 0         | 0        | 16.31          | 17.00               |
| 5                                       | QPSK       | 1752.6          | 132398  | 1       | 24        | 5               | QPSK       | 1757.4          | 132446  | 1       | 0         | 0        | 16.38          | 17.00               |
| 5                                       | QPSK       | 1772.7          | 132599  | 1       | 24        | 5               | QPSK       | 1777.5          | 132647  | 1       | 0         | 0        | 16.72          | 17.00               |

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| CA_66C_TB mode                            |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-------------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 100RB + 100RB (20MHz + 20MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 1720            | 132072  | 1       | 99        | 20              | QPSK       | 1739.8          | 132270  | 1       | 0         | 0        | 16.81          | 17.00               |
| 20                                        | QPSK       | 1745.1          | 132323  | 1       | 99        | 20              | QPSK       | 1764.9          | 132521  | 1       | 0         | 0        | 16.72          | 17.00               |
| 20                                        | QPSK       | 1750.2          | 132374  | 1       | 99        | 20              | QPSK       | 1770            | 132572  | 1       | 0         | 0        | 16.63          | 17.00               |
| Combination 75RB + 100RB (15MHz + 20MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 1717.8          | 132050  | 1       | 74        | 20              | QPSK       | 1734.9          | 132221  | 1       | 0         | 0        | 16.31          | 17.00               |
| 15                                        | QPSK       | 1745.3          | 132325  | 1       | 74        | 20              | QPSK       | 1762.4          | 132496  | 1       | 0         | 0        | 16.39          | 17.00               |
| 15                                        | QPSK       | 1752.9          | 132401  | 1       | 74        | 20              | QPSK       | 1770            | 132572  | 1       | 0         | 0        | 16.73          | 17.00               |
| Combination 75RB + 75RB (15MHz + 15MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 1717.5          | 132047  | 1       | 74        | 15              | QPSK       | 1732.5          | 132197  | 1       | 0         | 0        | 16.55          | 17.00               |
| 15                                        | QPSK       | 1747.5          | 132347  | 1       | 74        | 15              | QPSK       | 1762.5          | 132497  | 1       | 0         | 0        | 16.52          | 17.00               |
| 15                                        | QPSK       | 1757.5          | 132447  | 1       | 74        | 15              | QPSK       | 1772.5          | 132597  | 1       | 0         | 0        | 16.44          | 17.00               |
| Combination 50RB + 100RB (10MHz + 20MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 10                                        | QPSK       | 1715.5          | 132027  | 1       | 49        | 20              | QPSK       | 1729.9          | 132171  | 1       | 0         | 0        | 16.57          | 17.00               |
| 10                                        | QPSK       | 1745.6          | 132328  | 1       | 49        | 20              | QPSK       | 1760            | 132472  | 1       | 0         | 0        | 16.53          | 17.00               |
| 10                                        | QPSK       | 1755.6          | 132428  | 1       | 49        | 20              | QPSK       | 1770            | 132572  | 1       | 0         | 0        | 16.70          | 17.00               |
| Combination 50RB + 75RB (10MHz + 15MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 10                                        | QPSK       | 1715.3          | 132025  | 1       | 49        | 15              | QPSK       | 1727.3          | 132145  | 1       | 0         | 0        | 16.45          | 17.00               |
| 10                                        | QPSK       | 1747.9          | 132351  | 1       | 49        | 15              | QPSK       | 1759.9          | 132471  | 1       | 0         | 0        | 16.72          | 17.00               |
| 10                                        | QPSK       | 1760.5          | 132477  | 1       | 49        | 15              | QPSK       | 1772.5          | 132597  | 1       | 0         | 0        | 16.75          | 17.00               |
| Combination 100RB + 25RB (20MHz + 5MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 1720            | 132072  | 1       | 99        | 5               | QPSK       | 1731.7          | 132189  | 1       | 0         | 0        | 16.36          | 17.00               |
| 20                                        | QPSK       | 1752.5          | 132397  | 1       | 99        | 5               | QPSK       | 1764.2          | 132514  | 1       | 0         | 0        | 16.53          | 17.00               |
| 20                                        | QPSK       | 1765            | 132522  | 1       | 99        | 5               | QPSK       | 1776.7          | 132639  | 1       | 0         | 0        | 16.46          | 17.00               |

| CA_38C_TB mode                            |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-------------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 100RB + 100RB (20MHz + 20MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 2580            | 37850   | 1       | 99        | 20              | QPSK       | 2599.8          | 38048   | 1       | 0         | 0        | 17.91          | 18.00               |
| 20                                        | QPSK       | 2585.1          | 37901   | 1       | 99        | 20              | QPSK       | 2604.9          | 38099   | 1       | 0         | 0        | 17.76          | 18.00               |
| 20                                        | QPSK       | 2590.2          | 37952   | 1       | 99        | 20              | QPSK       | 2610            | 38150   | 1       | 0         | 0        | 17.55          | 18.00               |
| Combination 75RB + 75RB (15MHz + 15MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 2577.5          | 37825   | 1       | 74        | 15              | QPSK       | 2592.5          | 37975   | 1       | 0         | 0        | 17.44          | 18.00               |
| 15                                        | QPSK       | 2587.5          | 37925   | 1       | 74        | 15              | QPSK       | 2602.5          | 38075   | 1       | 0         | 0        | 17.41          | 18.00               |
| 15                                        | QPSK       | 2597.5          | 38025   | 1       | 74        | 15              | QPSK       | 2612.5          | 38175   | 1       | 0         | 0        | 17.43          | 18.00               |

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| CA_41C_TB mode                            |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-------------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 100RB + 100RB (20MHz + 20MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 2680            | 41490   | 1       | 0         | 20              | QPSK       | 2660.2          | 41292   | 1       | 0         | 0        | 16.55          | 17.00               |
| 20                                        | QPSK       | 2506            | 39750   | 1       | 0         | 20              | QPSK       | 2525.8          | 39948   | 1       | 99        | 0        | 16.26          | 17.00               |
| Combination 75RB + 100RB (15MHz + 20MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 2680            | 41490   | 1       | 0         | 15              | QPSK       | 2662.9          | 41319   | 1       | 0         | 0        | 16.12          | 17.00               |
| 20                                        | QPSK       | 2506            | 39750   | 1       | 0         | 15              | QPSK       | 2523.1          | 39921   | 1       | 74        | 0        | 16.29          | 17.00               |
| Combination 75RB + 75RB (15MHz + 15MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 2682.5          | 41515   | 1       | 0         | 15              | QPSK       | 2667.5          | 41365   | 1       | 0         | 0        | 16.15          | 17.00               |
| 15                                        | QPSK       | 2503.5          | 39725   | 1       | 0         | 15              | QPSK       | 2518.5          | 39875   | 1       | 74        | 0        | 16.09          | 17.00               |
| Combination 50RB + 100RB (10MHz + 20MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 2680            | 41490   | 1       | 0         | 10              | QPSK       | 2665.6          | 41346   | 1       | 0         | 0        | 16.08          | 17.00               |
| 20                                        | QPSK       | 2506            | 39750   | 1       | 0         | 10              | QPSK       | 2520.4          | 39894   | 1       | 49        | 0        | 16.27          | 17.00               |
| Combination 50RB + 75RB (10MHz + 15MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 2682.5          | 41515   | 1       | 0         | 10              | QPSK       | 2670.5          | 41395   | 1       | 0         | 0        | 16.52          | 17.00               |
| 15                                        | QPSK       | 2503.5          | 39725   | 1       | 0         | 10              | QPSK       | 2515.5          | 39845   | 1       | 49        | 0        | 16.15          | 17.00               |
| Combination 25RB + 100RB (5MHz + 20MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 2680            | 41490   | 1       | 0         | 5               | QPSK       | 2668.3          | 41373   | 1       | 0         | 0        | 16.14          | 17.00               |
| 20                                        | QPSK       | 2506            | 39750   | 1       | 0         | 5               | QPSK       | 2517.7          | 39867   | 1       | 24        | 0        | 16.23          | 17.00               |

| CA_42C_TB mode                            |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-------------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 100RB + 100RB (20MHz + 20MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 3590            | 43490   | 1       | 0         | 20              | QPSK       | 3570.2          | 43292   | 1       | 0         | 0        | 15.14          | 15.50               |

| CA_48C_TB mode                            |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
|-------------------------------------------|------------|-----------------|---------|---------|-----------|-----------------|------------|-----------------|---------|---------|-----------|----------|----------------|---------------------|
| Combination 100RB + 100RB (20MHz + 20MHz) |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 20                                        | QPSK       | 3560            | 55340   | 1       | 99        | 20              | QPSK       | 3579.8          | 55538   | 1       | 0         | 0        | 15.19          | 15.50               |
| 20                                        | QPSK       | 3615.1          | 55891   | 1       | 99        | 20              | QPSK       | 3634.9          | 56089   | 1       | 0         | 0        | 15.04          | 15.50               |
| 20                                        | QPSK       | 3670.2          | 56442   | 1       | 99        | 20              | QPSK       | 3690            | 56640   | 1       | 0         | 0        | 14.77          | 15.50               |
| Combination 75RB + 100RB (15MHz + 20MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 15                                        | QPSK       | 3557.8          | 55318   | 1       | 74        | 20              | QPSK       | 3574.9          | 55489   | 1       | 0         | 0        | 15.22          | 15.50               |
| 15                                        | QPSK       | 3615.3          | 55893   | 1       | 74        | 20              | QPSK       | 3632.4          | 56064   | 1       | 0         | 0        | 15.23          | 15.50               |
| 15                                        | QPSK       | 3672.9          | 56469   | 1       | 74        | 20              | QPSK       | 3690            | 56640   | 1       | 0         | 0        | 15.05          | 15.50               |
| Combination 50RB + 100RB (10MHz + 20MHz)  |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 10                                        | QPSK       | 3555.5          | 55295   | 1       | 49        | 20              | QPSK       | 3569.9          | 55439   | 1       | 0         | 0        | 14.78          | 15.50               |
| 10                                        | QPSK       | 3615.6          | 55896   | 1       | 49        | 20              | QPSK       | 3630            | 56040   | 1       | 0         | 0        | 15.24          | 15.50               |
| 10                                        | QPSK       | 3675.6          | 56496   | 1       | 49        | 20              | QPSK       | 3690            | 56640   | 1       | 0         | 0        | 14.87          | 15.50               |
| Combination 25RB + 100RB (5MHz + 20MHz)   |            |                 |         |         |           |                 |            |                 |         |         |           |          |                |                     |
| PCC                                       |            |                 |         |         |           | SCC             |            |                 |         |         |           | MPR (dB) | UL CA power    |                     |
| Bandwidth [MHz]                           | Modulation | Frequency [MHz] | Channel | RB size | RB Offset | Bandwidth [MHz] | Modulation | Frequency [MHz] | Channel | RB size | RB Offset |          | Measured (dBm) | Tune-up limit (dBm) |
| 5                                         | QPSK       | 3553.3          | 55273   | 1       | 24        | 20              | QPSK       | 3565            | 55390   | 1       | 0         | 0        | 15.07          | 15.50               |
| 5                                         | QPSK       | 3615.8          | 55898   | 1       | 24        | 20              | QPSK       | 3627.5          | 56015   | 1       | 0         | 0        | 14.92          | 15.50               |
| 5                                         | QPSK       | 3678.3          | 56523   | 1       | 24        | 20              | QPSK       | 3690            | 56640   | 1       | 0         | 0        | 14.95          | 15.50               |

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## 5.6 FDD NR

## Notebook mode

## Ant5

| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1865                  | 1880   | 1895   |                                     |                          |
| Channel         |            |         |           | 373000                | 376000 | 379000 |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 23.45                 | 23.44  | 23.24  | 24.00                               | 0.0                      |
|                 |            | 1       | 80        | 23.30                 | 23.31  | 23.04  | 24.00                               | 0.0                      |
|                 |            | 1       | 158       | 23.28                 | 23.31  | 23.13  | 24.00                               | 0.0                      |
|                 |            | 80      | 0         | 23.01                 | 23.00  | 22.69  | 23.50                               | 0.5                      |
|                 |            | 80      | 40        | 23.31                 | 23.40  | 23.03  | 24.00                               | 0.0                      |
|                 |            | 80      | 80        | 22.90                 | 22.90  | 22.63  | 23.50                               | 0.5                      |
|                 |            | 160     | 0         | 22.93                 | 22.84  | 22.71  | 23.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 23.40                 | 23.27  | 23.14  | 24.00                               | 0.0                      |
|                 |            | 1       | 80        | 23.36                 | 23.30  | 23.06  | 24.00                               | 0.0                      |
|                 |            | 1       | 158       | 23.34                 | 23.33  | 23.13  | 24.00                               | 0.0                      |
|                 |            | 80      | 0         | 22.35                 | 22.30  | 22.10  | 23.00                               | 1.0                      |
|                 |            | 80      | 40        | 23.35                 | 23.27  | 23.15  | 24.00                               | 0.0                      |
|                 |            | 80      | 80        | 22.33                 | 22.30  | 22.13  | 23.00                               | 1.0                      |
|                 |            | 160     | 0         | 22.29                 | 22.27  | 22.08  | 23.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 22.33                 | 22.31  | 22.13  | 23.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 20.80                 | 20.79  | 20.61  | 21.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 18.81                 | 18.73  | 18.66  | 19.50                               | 4.5                      |
| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1862.5                | 1880   | 1897.5 |                                     |                          |
| Channel         |            |         |           | 372500                | 376000 | 379500 |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 23.32                 | 23.39  | 23.11  | 24.00                               | 0.0                      |

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| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1860                  | 1880   | 1900   |                                     |                          |
| Channel         |            |         |           | 372000                | 376000 | 380000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 23.33                 | 23.29  | 23.12  | 24.00                               | 0.0                      |
| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1857.5                | 1880   | 1902.5 |                                     |                          |
| Channel         |            |         |           | 371500                | 376000 | 380500 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 23.34                 | 23.28  | 23.13  | 24.00                               | 0.0                      |
| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1855                  | 1880   | 1905   |                                     |                          |
| Channel         |            |         |           | 371000                | 376000 | 381000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 23.22                 | 23.31  | 23.01  | 24.00                               | 0.0                      |
| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1852.5                | 1880   | 1907.5 |                                     |                          |
| Channel         |            |         |           | 370500                | 376000 | 381500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 23.28                 | 23.32  | 23.11  | 24.00                               | 0.0                      |

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| 5G NR n5_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           |                       | 836.5  |        |                                     |                          |
| Channel         |            |         |           |                       | 167300 |        |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         |                       | 22.28  |        | 24.00                               | 0.0                      |
|                 |            | 1       | 67        |                       | 22.17  |        | 24.00                               | 0.0                      |
|                 |            | 1       | 131       |                       | 22.11  |        | 24.00                               | 0.0                      |
|                 |            | 64      | 0         |                       | 21.77  |        | 23.50                               | 0.5                      |
|                 |            | 64      | 32        |                       | 22.14  |        | 24.00                               | 0.0                      |
|                 |            | 64      | 69        |                       | 21.77  |        | 23.50                               | 0.5                      |
|                 |            | 128     | 0         |                       | 21.74  |        | 23.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         |                       | 22.14  |        | 24.00                               | 0.0                      |
|                 |            | 1       | 67        |                       | 22.12  |        | 24.00                               | 0.0                      |
|                 |            | 1       | 131       |                       | 22.15  |        | 24.00                               | 0.0                      |
|                 |            | 64      | 0         |                       | 21.13  |        | 23.00                               | 1.0                      |
|                 |            | 64      | 32        |                       | 22.13  |        | 24.00                               | 0.0                      |
|                 |            | 64      | 69        |                       | 21.14  |        | 23.00                               | 1.0                      |
|                 |            | 128     | 0         |                       | 21.11  |        | 23.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         |                       | 21.15  |        | 23.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         |                       | 19.66  |        | 21.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         |                       | 17.65  |        | 19.50                               | 4.5                      |
| 5G NR n5_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 834                   | 836.5  | 839    |                                     |                          |
| Channel         |            |         |           | 166800                | 167300 | 167800 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 22.16                 | 22.13  | 22.13  | 24.00                               | 0.0                      |
| 5G NR n5_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 831.5                 | 836.5  | 841.5  |                                     |                          |
| Channel         |            |         |           | 166300                | 167300 | 168300 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 22.19                 | 22.20  | 22.11  | 24.00                               | 0.0                      |

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| 5G NR n5_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 829                   | 836.5  | 844    |                                     |                          |
| Channel         |            |         |           | 165800                | 167300 | 168800 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 22.26                 | 22.12  | 22.20  | 24.00                               | 0.0                      |
| 5G NR n5_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 826.5                 | 836.5  | 846.5  |                                     |                          |
| Channel         |            |         |           | 165300                | 167300 | 169300 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 22.21                 | 22.19  | 22.20  | 24.00                               | 0.0                      |

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| 5G NR n12_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5  | 708.5  |                                     |                          |
| Channel         |            |         |           | 141300                | 141500 | 141700 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 22.82                 | 22.77  | 22.76  | 24.00                               | 0.0                      |
|                 |            | 1       | 40        | 22.70                 | 22.68  | 22.69  | 24.00                               | 0.0                      |
|                 |            | 1       | 77        | 22.71                 | 22.65  | 22.69  | 24.00                               | 0.0                      |
|                 |            | 36      | 0         | 22.28                 | 22.26  | 22.23  | 23.50                               | 0.5                      |
|                 |            | 36      | 22        | 22.62                 | 22.60  | 22.57  | 24.00                               | 0.0                      |
|                 |            | 36      | 43        | 22.36                 | 22.32  | 22.26  | 23.50                               | 0.5                      |
|                 |            | 75      | 0         | 22.25                 | 22.27  | 22.26  | 23.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 22.66                 | 22.62  | 22.61  | 24.00                               | 0.0                      |
|                 |            | 1       | 40        | 22.70                 | 22.71  | 22.59  | 24.00                               | 0.0                      |
|                 |            | 1       | 77        | 22.72                 | 22.60  | 22.65  | 24.00                               | 0.0                      |
|                 |            | 36      | 0         | 21.71                 | 21.58  | 21.68  | 23.00                               | 1.0                      |
|                 |            | 36      | 22        | 22.75                 | 22.58  | 22.61  | 24.00                               | 0.0                      |
|                 |            | 36      | 43        | 21.70                 | 21.63  | 21.65  | 23.00                               | 1.0                      |
|                 |            | 75      | 0         | 21.66                 | 21.60  | 21.60  | 23.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 21.70                 | 21.64  | 21.65  | 23.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 20.22                 | 20.18  | 20.15  | 21.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 18.15                 | 18.15  | 18.14  | 19.50                               | 4.5                      |
| 5G NR n12_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 704                   | 707.5  | 711    |                                     |                          |
| Channel         |            |         |           | 140800                | 141500 | 142200 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 22.70                 | 22.69  | 22.63  | 24.00                               | 0.0                      |
| 5G NR n12_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5  | 713.5  |                                     |                          |
| Channel         |            |         |           | 140300                | 141500 | 142700 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 22.73                 | 22.65  | 22.60  | 24.00                               | 0.0                      |

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| 5G NR n14_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 793                   |        |        |                                     |                          |
| Channel         |            |         |           | 158600                |        |        |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 22.77                 |        |        | 24.00                               | 0.0                      |
|                 |            | 1       | 26        | 22.63                 |        |        | 24.00                               | 0.0                      |
|                 |            | 1       | 49        | 22.60                 |        |        | 24.00                               | 0.0                      |
|                 |            | 25      | 0         | 22.29                 |        |        | 23.50                               | 0.5                      |
|                 |            | 25      | 13        | 22.68                 |        |        | 24.00                               | 0.0                      |
|                 |            | 25      | 26        | 22.31                 |        |        | 23.50                               | 0.5                      |
|                 |            | 50      | 0         | 22.28                 |        |        | 23.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 22.59                 |        |        | 24.00                               | 0.0                      |
|                 |            | 1       | 26        | 22.62                 |        |        | 24.00                               | 0.0                      |
|                 |            | 1       | 49        | 22.59                 |        |        | 24.00                               | 0.0                      |
|                 |            | 25      | 0         | 21.70                 |        |        | 23.00                               | 1.0                      |
|                 |            | 25      | 13        | 22.67                 |        |        | 24.00                               | 0.0                      |
|                 |            | 25      | 26        | 21.65                 |        |        | 23.00                               | 1.0                      |
|                 |            | 50      | 0         | 21.61                 |        |        | 23.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 21.65                 |        |        | 23.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 20.19                 |        |        | 21.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 18.22                 |        |        | 19.50                               | 4.5                      |
| 5G NR n14_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 790.5                 | 793    | 795.5  |                                     |                          |
| Channel         |            |         |           | 158100                | 158600 | 159100 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 22.53                 | 22.58  | 22.60  | 24.00                               | 0.0                      |

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| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1872.5                | 1882.5 | 1892.5 |                                     |                          |
| Channel         |            |         |           | 374500                | 376500 | 378500 |                                     |                          |
| 45              | Pi/2 BPSK  | 1       | 1         | 22.41                 | 22.57  | 22.74  | 24.00                               | 0.0                      |
|                 |            | 1       | 121       | 22.29                 | 22.44  | 22.65  | 24.00                               | 0.0                      |
|                 |            | 1       | 240       | 22.31                 | 22.45  | 22.62  | 24.00                               | 0.0                      |
|                 |            | 120     | 0         | 21.93                 | 22.08  | 22.22  | 23.50                               | 0.5                      |
|                 |            | 120     | 60        | 22.30                 | 22.46  | 22.56  | 24.00                               | 0.0                      |
|                 |            | 120     | 120       | 21.93                 | 22.05  | 22.23  | 23.50                               | 0.5                      |
|                 |            | 240     | 0         | 21.92                 | 22.04  | 22.24  | 23.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 22.27                 | 22.51  | 22.60  | 24.00                               | 0.0                      |
|                 |            | 1       | 121       | 22.30                 | 22.50  | 22.68  | 24.00                               | 0.0                      |
|                 |            | 1       | 240       | 22.33                 | 22.39  | 22.67  | 24.00                               | 0.0                      |
|                 |            | 120     | 0         | 21.31                 | 21.49  | 21.54  | 23.00                               | 1.0                      |
|                 |            | 120     | 60        | 22.29                 | 22.41  | 22.62  | 24.00                               | 0.0                      |
|                 |            | 120     | 120       | 21.29                 | 21.43  | 21.63  | 23.00                               | 1.0                      |
|                 |            | 240     | 0         | 21.25                 | 21.40  | 21.58  | 23.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 21.29                 | 21.44  | 21.63  | 23.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 19.83                 | 20.00  | 20.19  | 21.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 17.79                 | 17.93  | 18.13  | 19.50                               | 4.5                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5 | 1895   |                                     |                          |
| Channel         |            |         |           | 374000                | 376500 | 379000 |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 22.32                 | 22.41  | 22.62  | 24.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5 | 1897.5 |                                     |                          |
| Channel         |            |         |           | 373500                | 376500 | 379500 |                                     |                          |
| 35              | Pi/2 BPSK  | 1       | 1         | 22.29                 | 22.49  | 22.66  | 24.00                               | 0.0                      |

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| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5 | 1900   |                                     |                          |
| Channel         |            |         |           | 373000                | 376500 | 380000 |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 22.34                 | 22.42  | 22.67  | 24.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5 | 1902.5 |                                     |                          |
| Channel         |            |         |           | 372500                | 376500 | 380500 |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 22.32                 | 22.53  | 22.62  | 24.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5 | 1905   |                                     |                          |
| Channel         |            |         |           | 372000                | 376500 | 381000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 22.22                 | 22.43  | 22.73  | 24.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5 | 1907.5 |                                     |                          |
| Channel         |            |         |           | 371500                | 376500 | 381500 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 22.37                 | 22.43  | 22.65  | 24.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5 | 1910   |                                     |                          |
| Channel         |            |         |           | 371000                | 376500 | 382000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 22.35                 | 22.39  | 22.63  | 24.00                               | 0.0                      |

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| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5 | 1912.5 |                                     |                          |
| Channel         |            |         |           | 370500                | 376500 | 382500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 22.33                 | 22.53  | 22.62  | 24.00                               | 0.0                      |

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| 5G NR n26_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 824                   | 831.5  | 839    |                                     |                          |
| Channel         |            |         |           | 164800                | 166300 | 167800 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 22.54                 | 22.51  | 22.37  | 24.00                               | 0.0                      |
|                 |            | 1       | 53        | 22.38                 | 22.41  | 22.30  | 24.00                               | 0.0                      |
|                 |            | 1       | 104       | 22.41                 | 22.39  | 22.25  | 24.00                               | 0.0                      |
|                 |            | 50      | 0         | 21.99                 | 21.96  | 21.81  | 23.50                               | 0.5                      |
|                 |            | 50      | 28        | 22.42                 | 22.40  | 22.22  | 24.00                               | 0.0                      |
|                 |            | 50      | 56        | 22.02                 | 21.98  | 21.86  | 23.50                               | 0.5                      |
|                 |            | 100     | 0         | 22.02                 | 21.98  | 21.79  | 23.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 22.43                 | 22.43  | 22.27  | 24.00                               | 0.0                      |
|                 |            | 1       | 53        | 22.38                 | 22.44  | 22.23  | 24.00                               | 0.0                      |
|                 |            | 1       | 104       | 22.43                 | 22.33  | 22.21  | 24.00                               | 0.0                      |
|                 |            | 50      | 0         | 21.36                 | 21.36  | 21.26  | 23.00                               | 1.0                      |
|                 |            | 50      | 28        | 22.51                 | 22.44  | 22.32  | 24.00                               | 0.0                      |
|                 |            | 50      | 56        | 21.42                 | 21.37  | 21.26  | 23.00                               | 1.0                      |
|                 |            | 100     | 0         | 21.38                 | 21.34  | 21.21  | 23.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 21.42                 | 21.38  | 21.26  | 23.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 19.97                 | 19.89  | 19.77  | 21.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 17.96                 | 17.91  | 17.74  | 19.50                               | 4.5                      |
| 5G NR n26_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5  | 841.5  |                                     |                          |
| Channel         |            |         |           | 164300                | 166300 | 168300 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 22.49                 | 22.41  | 22.22  | 24.00                               | 0.0                      |
| 5G NR n26_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 819                   | 831.5  | 844    |                                     |                          |
| Channel         |            |         |           | 163800                | 166300 | 168800 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 22.38                 | 22.38  | 22.24  | 24.00                               | 0.0                      |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5  | 846.5  |                                     |                          |
| Channel         |            |         |           | 163300                | 166300 | 169300 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 22.50                 | 22.34  | 22.25  | 24.00                               | 0.0                      |

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| 5G NR n71_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 673                   | 680.5  | 688    |                                     |                          |
| Channel         |            |         |           | 134600                | 136100 | 137600 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 22.76                 | 22.75  | 22.80  | 23.00                               | 0.0                      |
|                 |            | 1       | 53        | 22.64                 | 22.65  | 22.76  | 23.00                               | 0.0                      |
|                 |            | 1       | 104       | 22.63                 | 22.58  | 22.68  | 23.00                               | 0.0                      |
|                 |            | 50      | 0         | 22.27                 | 22.16  | 22.28  | 22.50                               | 0.5                      |
|                 |            | 50      | 28        | 22.64                 | 22.69  | 22.65  | 23.00                               | 0.0                      |
|                 |            | 50      | 56        | 22.25                 | 22.22  | 22.33  | 22.50                               | 0.5                      |
|                 |            | 100     | 0         | 22.28                 | 22.24  | 22.25  | 22.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 22.61                 | 22.60  | 22.69  | 23.00                               | 0.0                      |
|                 |            | 1       | 53        | 22.56                 | 22.64  | 22.74  | 23.00                               | 0.0                      |
|                 |            | 1       | 104       | 22.72                 | 22.68  | 22.68  | 23.00                               | 0.0                      |
|                 |            | 50      | 0         | 21.59                 | 21.63  | 21.71  | 22.00                               | 1.0                      |
|                 |            | 50      | 28        | 22.67                 | 22.65  | 22.67  | 23.00                               | 0.0                      |
|                 |            | 50      | 56        | 21.64                 | 21.61  | 21.69  | 22.00                               | 1.0                      |
|                 |            | 100     | 0         | 21.60                 | 21.58  | 21.64  | 22.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 21.64                 | 21.62  | 21.69  | 22.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 20.16                 | 20.12  | 20.18  | 20.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 18.06                 | 18.15  | 18.17  | 18.50                               | 4.5                      |
| 5G NR n71_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5  | 690.5  |                                     |                          |
| Channel         |            |         |           | 134100                | 136100 | 138100 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 22.69                 | 22.57  | 22.71  | 23.00                               | 0.0                      |
| 5G NR n71_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 668                   | 680.5  | 693    |                                     |                          |
| Channel         |            |         |           | 133600                | 136100 | 138600 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 22.62                 | 22.66  | 22.66  | 23.00                               | 0.0                      |

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| 5G NR n71_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5  | 695.5  |                                     |                          |
| Channel         |            |         |           | 133100                | 136100 | 139100 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 22.66                 | 22.62  | 22.70  | 23.00                               | 0.0                      |

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## Ant8

## 5G NR n2\_15kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 1865                  | 1880   | 1895   |                                     |                          |
| Channel         |            |         |           | 373000                | 376000 | 379000 |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 22.15                 | 22.28  | 22.26  | 24.00                               | 0.0                      |
|                 |            | 1       | 80        | 22.09                 | 22.11  | 22.06  | 24.00                               | 0.0                      |
|                 |            | 1       | 158       | 22.07                 | 22.12  | 22.11  | 24.00                               | 0.0                      |
|                 |            | 80      | 0         | 21.59                 | 21.79  | 21.77  | 23.50                               | 0.5                      |
|                 |            | 80      | 40        | 22.03                 | 22.18  | 22.13  | 24.00                               | 0.0                      |
|                 |            | 80      | 80        | 21.60                 | 21.77  | 21.74  | 23.50                               | 0.5                      |
|                 |            | 160     | 0         | 21.70                 | 21.79  | 21.72  | 23.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 22.07                 | 22.09  | 22.18  | 24.00                               | 0.0                      |
|                 |            | 1       | 80        | 22.03                 | 22.10  | 22.19  | 24.00                               | 0.0                      |
|                 |            | 1       | 158       | 22.01                 | 22.21  | 22.16  | 24.00                               | 0.0                      |
|                 |            | 80      | 0         | 21.03                 | 21.08  | 21.16  | 23.00                               | 1.0                      |
|                 |            | 80      | 40        | 22.03                 | 22.22  | 22.18  | 24.00                               | 0.0                      |
|                 |            | 80      | 80        | 21.03                 | 21.14  | 21.15  | 23.00                               | 1.0                      |
|                 |            | 160     | 0         | 21.05                 | 21.11  | 21.10  | 23.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 21.03                 | 21.15  | 21.15  | 23.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 19.52                 | 19.61  | 19.59  | 21.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 17.59                 | 17.64  | 17.66  | 19.50                               | 4.5                      |

## 5G NR n2\_15kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 1862.5                | 1880   | 1897.5 |                                     |                          |
| Channel         |            |         |           | 372500                | 376000 | 379500 |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 22.06                 | 22.16  | 22.07  | 24.00                               | 0.0                      |

## 5G NR n2\_15kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 1860                  | 1880   | 1900   |                                     |                          |
| Channel         |            |         |           | 372000                | 376000 | 380000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 22.00                 | 22.15  | 22.18  | 24.00                               | 0.0                      |

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| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1857.5                | 1880   | 1902.5 |                                     |                          |
| Channel         |            |         |           | 371500                | 376000 | 380500 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 22.03                 | 22.14  | 22.20  | 24.00                               | 0.0                      |
| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1855                  | 1880   | 1905   |                                     |                          |
| Channel         |            |         |           | 371000                | 376000 | 381000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 22.03                 | 22.13  | 22.21  | 24.00                               | 0.0                      |
| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1852.5                | 1880   | 1907.5 |                                     |                          |
| Channel         |            |         |           | 370500                | 376000 | 381500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 22.05                 | 22.11  | 22.12  | 24.00                               | 0.0                      |

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| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2525                  | 2535   | 2545   |                                     |                          |
| Channel         |            |         |           | 505000                | 507000 | 509000 |                                     |                          |
| 50              | Pi/2 BPSK  | 1       | 1         | 22.47                 | 22.32  | 22.38  | 24.00                               | 0.0                      |
|                 |            | 1       | 135       | 22.34                 | 22.17  | 22.17  | 24.00                               | 0.0                      |
|                 |            | 1       | 268       | 22.42                 | 22.15  | 22.22  | 24.00                               | 0.0                      |
|                 |            | 135     | 0         | 21.92                 | 21.86  | 21.90  | 23.50                               | 0.5                      |
|                 |            | 135     | 67        | 22.39                 | 22.27  | 22.26  | 24.00                               | 0.0                      |
|                 |            | 135     | 135       | 21.92                 | 21.79  | 21.87  | 23.50                               | 0.5                      |
|                 |            | 270     | 0         | 21.92                 | 21.78  | 21.85  | 23.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 22.31                 | 22.19  | 22.20  | 24.00                               | 0.0                      |
|                 |            | 1       | 135       | 22.28                 | 22.25  | 22.28  | 24.00                               | 0.0                      |
|                 |            | 1       | 268       | 22.27                 | 22.18  | 22.30  | 24.00                               | 0.0                      |
|                 |            | 135     | 0         | 21.36                 | 21.24  | 21.31  | 23.00                               | 1.0                      |
|                 |            | 135     | 67        | 22.34                 | 22.15  | 22.28  | 24.00                               | 0.0                      |
|                 |            | 135     | 135       | 21.35                 | 21.18  | 21.27  | 23.00                               | 1.0                      |
|                 |            | 270     | 0         | 21.31                 | 21.15  | 21.22  | 23.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 21.35                 | 21.19  | 21.27  | 23.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 19.84                 | 19.66  | 19.72  | 21.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 17.88                 | 17.70  | 17.76  | 19.50                               | 4.5                      |
| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2520                  | 2535   | 2550   |                                     |                          |
| Channel         |            |         |           | 504000                | 507000 | 510000 |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 22.36                 | 22.16  | 22.29  | 24.00                               | 0.0                      |
| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2517.5                | 2535   | 2552.5 |                                     |                          |
| Channel         |            |         |           | 503500                | 507000 | 510500 |                                     |                          |
| 35              | Pi/2 BPSK  | 1       | 1         | 22.39                 | 22.23  | 22.24  | 24.00                               | 0.0                      |

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| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2515                  | 2535   | 2555   |                                     |                          |
| Channel         |            |         |           | 503000                | 507000 | 511000 |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 22.37                 | 22.22  | 22.28  | 24.00                               | 0.0                      |
| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2512.5                | 2535   | 2557.5 |                                     |                          |
| Channel         |            |         |           | 502500                | 507000 | 511500 |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 22.32                 | 22.27  | 22.35  | 24.00                               | 0.0                      |
| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2510                  | 2535   | 2560   |                                     |                          |
| Channel         |            |         |           | 502000                | 507000 | 512000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 22.36                 | 22.19  | 22.30  | 24.00                               | 0.0                      |
| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2507.5                | 2535   | 2562.5 |                                     |                          |
| Channel         |            |         |           | 501500                | 507000 | 512500 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 22.33                 | 22.14  | 22.26  | 24.00                               | 0.0                      |
| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2505                  | 2535   | 2565   |                                     |                          |
| Channel         |            |         |           | 501000                | 507000 | 513000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 22.35                 | 22.14  | 22.22  | 24.00                               | 0.0                      |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2502.5                | 2535   | 2567.5 |                                     |                          |
| Channel         |            |         |           | 500500                | 507000 | 513500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 22.45                 | 22.13  | 22.34  | 24.00                               | 0.0                      |

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| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1872.5                | 1882.5 | 1892.5 |                                     |                          |
| Channel         |            |         |           | 374500                | 376500 | 378500 |                                     |                          |
| 45              | Pi/2 BPSK  | 1       | 1         | 22.18                 | 22.35  | 22.40  | 24.00                               | 0.0                      |
|                 |            | 1       | 121       | 22.06                 | 22.27  | 22.20  | 24.00                               | 0.0                      |
|                 |            | 1       | 240       | 22.04                 | 22.25  | 22.30  | 24.00                               | 0.0                      |
|                 |            | 120     | 0         | 21.64                 | 21.85  | 21.95  | 23.50                               | 0.5                      |
|                 |            | 120     | 60        | 22.03                 | 22.24  | 22.29  | 24.00                               | 0.0                      |
|                 |            | 120     | 120       | 21.64                 | 21.89  | 21.87  | 23.50                               | 0.5                      |
|                 |            | 240     | 0         | 21.65                 | 21.80  | 21.92  | 23.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 22.07                 | 22.25  | 22.29  | 24.00                               | 0.0                      |
|                 |            | 1       | 121       | 22.07                 | 22.24  | 22.26  | 24.00                               | 0.0                      |
|                 |            | 1       | 240       | 22.10                 | 22.20  | 22.31  | 24.00                               | 0.0                      |
|                 |            | 120     | 0         | 21.02                 | 21.25  | 21.22  | 23.00                               | 1.0                      |
|                 |            | 120     | 60        | 22.07                 | 22.24  | 22.27  | 24.00                               | 0.0                      |
|                 |            | 120     | 120       | 21.06                 | 21.21  | 21.29  | 23.00                               | 1.0                      |
|                 |            | 240     | 0         | 21.02                 | 21.18  | 21.24  | 23.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 21.06                 | 21.22  | 21.29  | 23.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 19.57                 | 19.73  | 19.78  | 21.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 17.59                 | 17.72  | 17.80  | 19.50                               | 4.5                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5 | 1895   |                                     |                          |
| Channel         |            |         |           | 374000                | 376500 | 379000 |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 22.01                 | 22.30  | 22.22  | 24.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5 | 1897.5 |                                     |                          |
| Channel         |            |         |           | 373500                | 376500 | 379500 |                                     |                          |
| 35              | Pi/2 BPSK  | 1       | 1         | 22.11                 | 22.31  | 22.31  | 24.00                               | 0.0                      |

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| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5 | 1900   |                                     |                          |
| Channel         |            |         |           | 373000                | 376500 | 380000 |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 22.14                 | 22.21  | 22.31  | 24.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5 | 1902.5 |                                     |                          |
| Channel         |            |         |           | 372500                | 376500 | 380500 |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 22.16                 | 22.17  | 22.24  | 24.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5 | 1905   |                                     |                          |
| Channel         |            |         |           | 372000                | 376500 | 381000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 22.15                 | 22.30  | 22.28  | 24.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5 | 1907.5 |                                     |                          |
| Channel         |            |         |           | 371500                | 376500 | 381500 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 22.16                 | 22.18  | 22.23  | 24.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5 | 1910   |                                     |                          |
| Channel         |            |         |           | 371000                | 376500 | 382000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 22.12                 | 22.33  | 22.31  | 24.00                               | 0.0                      |

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| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5 | 1912.5 |                                     |                          |
| Channel         |            |         |           | 370500                | 376500 | 382500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 22.12                 | 22.20  | 22.33  | 24.00                               | 0.0                      |

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| 5G NR n30_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           |                       | 2310   |        |                                     |                          |
| Channel         |            |         |           |                       | 462000 |        |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         |                       | 21.46  |        | 23.00                               | 0.0                      |
|                 |            | 1       | 26        |                       | 21.36  |        | 23.00                               | 0.0                      |
|                 |            | 1       | 49        |                       | 21.25  |        | 23.00                               | 0.0                      |
|                 |            | 25      | 0         |                       | 20.96  |        | 22.50                               | 0.5                      |
|                 |            | 25      | 13        |                       | 21.27  |        | 23.00                               | 0.0                      |
|                 |            | 25      | 26        |                       | 20.89  |        | 22.50                               | 0.5                      |
|                 |            | 50      | 0         |                       | 20.91  |        | 22.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         |                       | 21.36  |        | 23.00                               | 0.0                      |
|                 |            | 1       | 26        |                       | 21.34  |        | 23.00                               | 0.0                      |
|                 |            | 1       | 49        |                       | 21.31  |        | 23.00                               | 0.0                      |
|                 |            | 25      | 0         |                       | 20.30  |        | 22.00                               | 1.0                      |
|                 |            | 25      | 13        |                       | 21.37  |        | 23.00                               | 0.0                      |
|                 |            | 25      | 26        |                       | 20.34  |        | 22.00                               | 1.0                      |
|                 |            | 50      | 0         |                       | 20.30  |        | 22.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         |                       | 20.34  |        | 22.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         |                       | 18.86  |        | 20.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         |                       | 16.84  |        | 18.50                               | 4.5                      |
| 5G NR n30_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310   | 2312.5 |                                     |                          |
| Channel         |            |         |           | 461500                | 462000 | 462500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 21.37                 | 21.40  | 21.35  | 23.00                               | 0.0                      |

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| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1732.5                | 1745   | 1757.5 |                                     |                          |
| Channel         |            |         |           | 346500                | 349000 | 351500 |                                     |                          |
| 45              | Pi/2 BPSK  | 1       | 1         | 22.93                 | 22.79  | 22.86  | 24.00                               | 0.0                      |
|                 |            | 1       | 121       | 22.87                 | 22.67  | 22.70  | 24.00                               | 0.0                      |
|                 |            | 1       | 240       | 22.80                 | 22.60  | 22.75  | 24.00                               | 0.0                      |
|                 |            | 120     | 0         | 22.42                 | 22.31  | 22.27  | 23.50                               | 0.5                      |
|                 |            | 120     | 60        | 22.83                 | 22.61  | 22.83  | 24.00                               | 0.0                      |
|                 |            | 120     | 120       | 22.42                 | 22.32  | 22.34  | 23.50                               | 0.5                      |
|                 |            | 240     | 0         | 22.36                 | 22.33  | 22.30  | 23.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 22.82                 | 22.62  | 22.74  | 24.00                               | 0.0                      |
|                 |            | 1       | 121       | 22.81                 | 22.66  | 22.72  | 24.00                               | 0.0                      |
|                 |            | 1       | 240       | 22.82                 | 22.68  | 22.80  | 24.00                               | 0.0                      |
|                 |            | 120     | 0         | 21.79                 | 21.67  | 21.75  | 23.00                               | 1.0                      |
|                 |            | 120     | 60        | 22.84                 | 22.74  | 22.77  | 24.00                               | 0.0                      |
|                 |            | 120     | 120       | 21.81                 | 21.65  | 21.75  | 23.00                               | 1.0                      |
|                 |            | 240     | 0         | 21.77                 | 21.62  | 21.70  | 23.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 21.81                 | 21.66  | 21.75  | 23.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 20.36                 | 20.15  | 20.25  | 21.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 18.31                 | 18.22  | 18.19  | 19.50                               | 4.5                      |
| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1730                  | 1745   | 1760   |                                     |                          |
| Channel         |            |         |           | 346000                | 349000 | 352000 |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 22.85                 | 22.65  | 22.72  | 24.00                               | 0.0                      |
| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1727.5                | 1745   | 1762.5 |                                     |                          |
| Channel         |            |         |           | 345500                | 349000 | 352500 |                                     |                          |
| 35              | Pi/2 BPSK  | 1       | 1         | 22.81                 | 22.69  | 22.71  | 24.00                               | 0.0                      |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1725                  | 1745   | 1765   |                                     |                          |
| Channel         |            |         |           | 345000                | 349000 | 353000 |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 22.88                 | 22.72  | 22.80  | 24.00                               | 0.0                      |
| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745   | 1767.5 |                                     |                          |
| Channel         |            |         |           | 344500                | 349000 | 353500 |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 22.91                 | 22.74  | 22.79  | 24.00                               | 0.0                      |
| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1720                  | 1745   | 1770   |                                     |                          |
| Channel         |            |         |           | 344000                | 349000 | 354000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 22.90                 | 22.69  | 22.85  | 24.00                               | 0.0                      |
| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745   | 1772.5 |                                     |                          |
| Channel         |            |         |           | 343500                | 349000 | 354500 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 22.86                 | 22.67  | 22.77  | 24.00                               | 0.0                      |
| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1715                  | 1745   | 1775   |                                     |                          |
| Channel         |            |         |           | 343000                | 349000 | 355000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 22.86                 | 22.75  | 22.67  | 24.00                               | 0.0                      |

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| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745   | 1777.5 |                                     |                          |
| Channel         |            |         |           | 342500                | 349000 | 355500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 22.91                 | 22.66  | 22.84  | 24.00                               | 0.0                      |

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## Tablet mode

## Ant5

| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1865                  | 1880   | 1895   |                                     |                          |
| Channel         |            |         |           | 373000                | 376000 | 379000 |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 15.98                 | 15.96  | 15.93  | 16.00                               | 0.0                      |
|                 |            | 1       | 80        | 15.84                 | 15.84  | 15.85  | 16.00                               | 0.0                      |
|                 |            | 1       | 158       | 15.95                 | 15.79  | 15.78  | 16.00                               | 0.0                      |
|                 |            | 80      | 0         | 15.45                 | 15.42  | 15.45  | 15.50                               | 0.5                      |
|                 |            | 80      | 40        | 15.85                 | 15.81  | 15.76  | 16.00                               | 0.0                      |
|                 |            | 80      | 80        | 15.43                 | 15.42  | 15.43  | 15.50                               | 0.5                      |
|                 |            | 160     | 0         | 15.40                 | 15.49  | 15.38  | 15.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 15.91                 | 15.83  | 15.83  | 16.00                               | 0.0                      |
|                 |            | 1       | 80        | 15.84                 | 15.88  | 15.81  | 16.00                               | 0.0                      |
|                 |            | 1       | 158       | 15.88                 | 15.88  | 15.76  | 16.00                               | 0.0                      |
|                 |            | 80      | 0         | 14.77                 | 14.87  | 14.83  | 15.00                               | 1.0                      |
|                 |            | 80      | 40        | 15.87                 | 15.80  | 15.87  | 16.00                               | 0.0                      |
|                 |            | 80      | 80        | 14.86                 | 14.82  | 14.82  | 15.00                               | 1.0                      |
|                 |            | 160     | 0         | 14.82                 | 14.79  | 14.77  | 15.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 14.86                 | 14.83  | 14.82  | 15.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 13.27                 | 13.39  | 13.32  | 13.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 11.33                 | 11.39  | 11.32  | 11.50                               | 4.5                      |
| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1862.5                | 1880   | 1897.5 |                                     |                          |
| Channel         |            |         |           | 372500                | 376000 | 379500 |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 15.86                 | 15.83  | 15.85  | 16.00                               | 0.0                      |

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| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1860                  | 1880   | 1900   |                                     |                          |
| Channel         |            |         |           | 372000                | 376000 | 380000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 15.84                 | 15.82  | 15.77  | 16.00                               | 0.0                      |
| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1857.5                | 1880   | 1902.5 |                                     |                          |
| Channel         |            |         |           | 371500                | 376000 | 380500 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 15.83                 | 15.87  | 15.77  | 16.00                               | 0.0                      |
| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1855                  | 1880   | 1905   |                                     |                          |
| Channel         |            |         |           | 371000                | 376000 | 381000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 15.81                 | 15.82  | 15.72  | 16.00                               | 0.0                      |
| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1852.5                | 1880   | 1907.5 |                                     |                          |
| Channel         |            |         |           | 370500                | 376000 | 381500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 15.83                 | 15.82  | 15.76  | 16.00                               | 0.0                      |

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| 5G NR n5_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           |                       | 836.5  |        |                                     |                          |
| Channel         |            |         |           |                       | 167300 |        |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         |                       | 18.06  |        | 18.50                               | 0.0                      |
|                 |            | 1       | 67        |                       | 18.00  |        | 18.50                               | 0.0                      |
|                 |            | 1       | 131       |                       | 17.97  |        | 18.50                               | 0.0                      |
|                 |            | 64      | 0         |                       | 17.55  |        | 18.00                               | 0.5                      |
|                 |            | 64      | 32        |                       | 17.95  |        | 18.50                               | 0.0                      |
|                 |            | 64      | 69        |                       | 17.55  |        | 18.00                               | 0.5                      |
|                 |            | 128     | 0         |                       | 17.51  |        | 18.00                               | 0.5                      |
|                 | QPSK       | 1       | 1         |                       | 17.99  |        | 18.50                               | 0.0                      |
|                 |            | 1       | 67        |                       | 17.99  |        | 18.50                               | 0.0                      |
|                 |            | 1       | 131       |                       | 17.93  |        | 18.50                               | 0.0                      |
|                 |            | 64      | 0         |                       | 16.93  |        | 17.50                               | 1.0                      |
|                 |            | 64      | 32        |                       | 17.95  |        | 18.50                               | 0.0                      |
|                 |            | 64      | 69        |                       | 16.92  |        | 17.50                               | 1.0                      |
|                 |            | 128     | 0         |                       | 16.89  |        | 17.50                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         |                       | 16.93  |        | 17.50                               | 1.0                      |
|                 | 64QAM      | 1       | 1         |                       | 15.45  |        | 16.00                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         |                       | 13.36  |        | 14.00                               | 4.5                      |
| 5G NR n5_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 834                   | 836.5  | 839    |                                     |                          |
| Channel         |            |         |           | 166800                | 167300 | 167800 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 17.98                 | 17.95  | 17.93  | 18.50                               | 0.0                      |
| 5G NR n5_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 831.5                 | 836.5  | 841.5  |                                     |                          |
| Channel         |            |         |           | 166300                | 167300 | 168300 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 18.02                 | 17.87  | 17.84  | 18.50                               | 0.0                      |

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| 5G NR n5_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 829                   | 836.5  | 844    |                                     |                          |
| Channel         |            |         |           | 165800                | 167300 | 168800 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 18.02                 | 17.87  | 17.84  | 18.50                               | 0.0                      |
| 5G NR n5_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 826.5                 | 836.5  | 846.5  |                                     |                          |
| Channel         |            |         |           | 165300                | 167300 | 169300 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 18.01                 | 17.86  | 17.82  | 18.50                               | 0.0                      |

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| 5G NR n12_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5  | 708.5  |                                     |                          |
| Channel         |            |         |           | 141300                | 141500 | 141700 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 18.48                 | 18.44  | 18.43  | 18.50                               | 0.0                      |
|                 |            | 1       | 40        | 18.32                 | 18.40  | 18.27  | 18.50                               | 0.0                      |
|                 |            | 1       | 77        | 18.39                 | 18.26  | 18.28  | 18.50                               | 0.0                      |
|                 |            | 36      | 0         | 17.96                 | 17.93  | 17.92  | 18.00                               | 0.5                      |
|                 |            | 36      | 22        | 18.30                 | 18.34  | 18.26  | 18.50                               | 0.0                      |
|                 |            | 36      | 43        | 17.93                 | 17.95  | 17.95  | 18.00                               | 0.5                      |
|                 |            | 75      | 0         | 17.94                 | 17.91  | 17.85  | 18.00                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 18.42                 | 18.31  | 18.38  | 18.50                               | 0.0                      |
|                 |            | 1       | 40        | 18.37                 | 18.38  | 18.34  | 18.50                               | 0.0                      |
|                 |            | 1       | 77        | 18.34                 | 18.30  | 18.29  | 18.50                               | 0.0                      |
|                 |            | 36      | 0         | 17.43                 | 17.34  | 17.29  | 17.50                               | 1.0                      |
|                 |            | 36      | 22        | 18.31                 | 18.32  | 18.33  | 18.50                               | 0.0                      |
|                 |            | 36      | 43        | 17.36                 | 17.30  | 17.32  | 17.50                               | 1.0                      |
|                 |            | 75      | 0         | 17.32                 | 17.27  | 17.27  | 17.50                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 17.36                 | 17.31  | 17.32  | 17.50                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 15.84                 | 15.87  | 15.81  | 16.00                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 13.94                 | 13.80  | 13.78  | 14.00                               | 4.5                      |
| 5G NR n12_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 704                   | 707.5  | 711    |                                     |                          |
| Channel         |            |         |           | 140800                | 141500 | 142200 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 18.40                 | 18.32  | 18.34  | 18.50                               | 0.0                      |
| 5G NR n12_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5  | 713.5  |                                     |                          |
| Channel         |            |         |           | 140300                | 141500 | 142700 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 18.30                 | 18.33  | 18.24  | 18.50                               | 0.0                      |

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| 5G NR n14_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           |                       | 793    |        |                                     |                          |
| Channel         |            |         |           |                       | 158600 |        |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         |                       | 18.48  |        | 18.50                               | 0.0                      |
|                 |            | 1       | 26        |                       | 18.40  |        | 18.50                               | 0.0                      |
|                 |            | 1       | 49        |                       | 18.29  |        | 18.50                               | 0.0                      |
|                 |            | 25      | 0         |                       | 17.95  |        | 18.00                               | 0.5                      |
|                 |            | 25      | 13        |                       | 18.36  |        | 18.50                               | 0.0                      |
|                 |            | 25      | 26        |                       | 17.99  |        | 18.00                               | 0.5                      |
|                 |            | 50      | 0         |                       | 17.90  |        | 18.00                               | 0.5                      |
|                 | QPSK       | 1       | 1         |                       | 18.43  |        | 18.50                               | 0.0                      |
|                 |            | 1       | 26        |                       | 18.30  |        | 18.50                               | 0.0                      |
|                 |            | 1       | 49        |                       | 18.44  |        | 18.50                               | 0.0                      |
|                 |            | 25      | 0         |                       | 17.35  |        | 17.50                               | 1.0                      |
|                 |            | 25      | 13        |                       | 18.34  |        | 18.50                               | 0.0                      |
|                 |            | 25      | 26        |                       | 17.34  |        | 17.50                               | 1.0                      |
|                 |            | 50      | 0         |                       | 17.31  |        | 17.50                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         |                       | 17.35  |        | 17.50                               | 1.0                      |
|                 | 64QAM      | 1       | 1         |                       | 15.92  |        | 16.00                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         |                       | 13.89  |        | 14.00                               | 4.5                      |
| 5G NR n14_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 790.5                 | 793    | 795.5  |                                     |                          |
| Channel         |            |         |           | 158100                | 158600 | 159100 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 18.27                 | 18.36  | 18.33  | 18.50                               | 0.0                      |

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| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1872.5                | 1882.5 | 1892.5 |                                     |                          |
| Channel         |            |         |           | 374500                | 376500 | 378500 |                                     |                          |
| 45              | Pi/2 BPSK  | 1       | 1         | 15.90                 | 15.98  | 15.99  | 16.00                               | 0.0                      |
|                 |            | 1       | 121       | 15.74                 | 15.82  | 15.86  | 16.00                               | 0.0                      |
|                 |            | 1       | 240       | 15.75                 | 15.88  | 15.91  | 16.00                               | 0.0                      |
|                 |            | 120     | 0         | 15.39                 | 15.40  | 15.49  | 15.50                               | 0.5                      |
|                 |            | 120     | 60        | 15.77                 | 15.83  | 15.84  | 16.00                               | 0.0                      |
|                 |            | 120     | 120       | 15.36                 | 15.43  | 15.47  | 15.50                               | 0.5                      |
|                 |            | 240     | 0         | 15.38                 | 15.46  | 15.48  | 15.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 15.82                 | 15.82  | 15.87  | 16.00                               | 0.0                      |
|                 |            | 1       | 121       | 15.74                 | 15.88  | 15.93  | 16.00                               | 0.0                      |
|                 |            | 1       | 240       | 15.76                 | 15.87  | 15.85  | 16.00                               | 0.0                      |
|                 |            | 120     | 0         | 14.75                 | 14.85  | 14.91  | 15.00                               | 1.0                      |
|                 |            | 120     | 60        | 15.83                 | 15.90  | 15.93  | 16.00                               | 0.0                      |
|                 |            | 120     | 120       | 14.78                 | 14.84  | 14.88  | 15.00                               | 1.0                      |
|                 |            | 240     | 0         | 14.74                 | 14.81  | 14.83  | 15.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 14.78                 | 14.85  | 14.88  | 15.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 13.26                 | 13.32  | 13.37  | 13.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 11.30                 | 11.41  | 11.34  | 11.50                               | 4.5                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5 | 1895   |                                     |                          |
| Channel         |            |         |           | 374000                | 376500 | 379000 |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 15.77                 | 15.82  | 15.94  | 16.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5 | 1897.5 |                                     |                          |
| Channel         |            |         |           | 373500                | 376500 | 379500 |                                     |                          |
| 35              | Pi/2 BPSK  | 1       | 1         | 15.72                 | 15.86  | 15.94  | 16.00                               | 0.0                      |

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| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5 | 1900   |                                     |                          |
| Channel         |            |         |           | 373000                | 376500 | 380000 |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 15.74                 | 15.79  | 15.88  | 16.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5 | 1902.5 |                                     |                          |
| Channel         |            |         |           | 372500                | 376500 | 380500 |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 15.83                 | 15.85  | 15.98  | 16.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5 | 1905   |                                     |                          |
| Channel         |            |         |           | 372000                | 376500 | 381000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 15.75                 | 15.96  | 15.96  | 16.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5 | 1907.5 |                                     |                          |
| Channel         |            |         |           | 371500                | 376500 | 381500 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 15.83                 | 15.83  | 15.96  | 16.00                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5 | 1910   |                                     |                          |
| Channel         |            |         |           | 371000                | 376500 | 382000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 15.74                 | 15.82  | 15.97  | 16.00                               | 0.0                      |

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| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5 | 1912.5 |                                     |                          |
| Channel         |            |         |           | 370500                | 376500 | 382500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 15.75                 | 15.94  | 15.96  | 16.00                               | 0.0                      |

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| 5G NR n26_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 824                   | 831.5  | 839    |                                     |                          |
| Channel         |            |         |           | 164800                | 166300 | 167800 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 18.47                 | 18.48  | 18.35  | 18.50                               | 0.0                      |
|                 |            | 1       | 53        | 18.34                 | 18.40  | 18.23  | 18.50                               | 0.0                      |
|                 |            | 1       | 104       | 18.31                 | 18.32  | 18.21  | 18.50                               | 0.0                      |
|                 |            | 50      | 0         | 17.95                 | 17.92  | 17.79  | 18.00                               | 0.5                      |
|                 |            | 50      | 28        | 18.31                 | 18.33  | 18.24  | 18.50                               | 0.0                      |
|                 |            | 50      | 56        | 17.88                 | 17.97  | 17.91  | 18.00                               | 0.5                      |
|                 |            | 100     | 0         | 17.90                 | 17.90  | 17.78  | 18.00                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 18.32                 | 18.43  | 18.32  | 18.50                               | 0.0                      |
|                 |            | 1       | 53        | 18.32                 | 18.33  | 18.24  | 18.50                               | 0.0                      |
|                 |            | 1       | 104       | 18.34                 | 18.36  | 18.23  | 18.50                               | 0.0                      |
|                 |            | 50      | 0         | 17.35                 | 17.34  | 17.16  | 17.50                               | 1.0                      |
|                 |            | 50      | 28        | 18.31                 | 18.35  | 18.22  | 18.50                               | 0.0                      |
|                 |            | 50      | 56        | 17.35                 | 17.34  | 17.24  | 17.50                               | 1.0                      |
|                 |            | 100     | 0         | 17.31                 | 17.31  | 17.19  | 17.50                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 17.35                 | 17.35  | 17.24  | 17.50                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 15.82                 | 15.86  | 15.71  | 16.00                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 13.85                 | 13.94  | 13.71  | 14.00                               | 4.5                      |
| 5G NR n26_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5  | 841.5  |                                     |                          |
| Channel         |            |         |           | 164300                | 166300 | 168300 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 18.29                 | 18.36  | 18.17  | 18.50                               | 0.0                      |
| 5G NR n26_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 819                   | 831.5  | 844    |                                     |                          |
| Channel         |            |         |           | 163800                | 166300 | 168800 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 18.36                 | 18.36  | 18.20  | 18.50                               | 0.0                      |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5  | 846.5  |                                     |                          |
| Channel         |            |         |           | 163300                | 166300 | 169300 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 18.32                 | 18.38  | 18.18  | 18.50                               | 0.0                      |

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| 5G NR n71_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 673                   | 680.5  | 688    |                                     |                          |
| Channel         |            |         |           | 134600                | 136100 | 137600 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 13.98                 | 13.99  | 13.95  | 14.00                               | 0.0                      |
|                 |            | 1       | 53        | 13.91                 | 13.88  | 13.80  | 14.00                               | 0.0                      |
|                 |            | 1       | 104       | 13.87                 | 13.78  | 13.80  | 14.00                               | 0.0                      |
|                 |            | 50      | 0         | 13.46                 | 13.50  | 13.41  | 13.50                               | 0.5                      |
|                 |            | 50      | 28        | 13.90                 | 13.94  | 13.92  | 14.00                               | 0.0                      |
|                 |            | 50      | 56        | 13.46                 | 13.47  | 13.47  | 13.50                               | 0.5                      |
|                 |            | 100     | 0         | 13.46                 | 13.44  | 13.42  | 13.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 13.80                 | 13.88  | 13.80  | 14.00                               | 0.0                      |
|                 |            | 1       | 53        | 13.86                 | 13.89  | 13.79  | 14.00                               | 0.0                      |
|                 |            | 1       | 104       | 13.91                 | 13.81  | 13.86  | 14.00                               | 0.0                      |
|                 |            | 50      | 0         | 12.78                 | 12.90  | 12.83  | 13.00                               | 1.0                      |
|                 |            | 50      | 28        | 13.81                 | 13.81  | 13.75  | 14.00                               | 0.0                      |
|                 |            | 50      | 56        | 12.86                 | 12.85  | 12.84  | 13.00                               | 1.0                      |
|                 |            | 100     | 0         | 12.82                 | 12.82  | 12.79  | 13.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 12.86                 | 12.86  | 12.84  | 13.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 11.34                 | 11.37  | 11.39  | 11.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 9.29                  | 9.34   | 9.39   | 9.50                                | 4.5                      |
| 5G NR n71_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5  | 690.5  |                                     |                          |
| Channel         |            |         |           | 134100                | 136100 | 138100 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 13.88                 | 13.88  | 13.81  | 14.00                               | 0.0                      |
| 5G NR n71_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 668                   | 680.5  | 693    |                                     |                          |
| Channel         |            |         |           | 133600                | 136100 | 138600 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 13.79                 | 13.79  | 13.84  | 14.00                               | 0.0                      |

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| 5G NR n71_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5  | 695.5  |                                     |                          |
| Channel         |            |         |           | 133100                | 136100 | 139100 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 13.87                 | 13.84  | 13.82  | 14.00                               | 0.0                      |

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## Ant8

## 5G NR n2\_15kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 1865                  | 1880   | 1895   |                                     |                          |
| Channel         |            |         |           | 373000                | 376000 | 379000 |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 16.12                 | 16.42  | 16.33  | 16.50                               | 0.0                      |
|                 |            | 1       | 80        | 16.07                 | 16.37  | 16.21  | 16.50                               | 0.0                      |
|                 |            | 1       | 158       | 16.05                 | 16.22  | 16.17  | 16.50                               | 0.0                      |
|                 |            | 80      | 0         | 15.58                 | 15.93  | 15.75  | 16.00                               | 0.5                      |
|                 |            | 80      | 40        | 16.08                 | 16.35  | 16.12  | 16.50                               | 0.0                      |
|                 |            | 80      | 80        | 15.58                 | 15.92  | 15.84  | 16.00                               | 0.5                      |
|                 |            | 160     | 0         | 15.66                 | 15.91  | 15.81  | 16.00                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 16.00                 | 16.36  | 16.21  | 16.50                               | 0.0                      |
|                 |            | 1       | 80        | 15.96                 | 16.31  | 16.23  | 16.50                               | 0.0                      |
|                 |            | 1       | 158       | 16.05                 | 16.30  | 16.24  | 16.50                               | 0.0                      |
|                 |            | 80      | 0         | 15.02                 | 15.30  | 15.23  | 15.50                               | 1.0                      |
|                 |            | 80      | 40        | 15.98                 | 16.30  | 16.19  | 16.50                               | 0.0                      |
|                 |            | 80      | 80        | 15.00                 | 15.28  | 15.22  | 15.50                               | 1.0                      |
|                 |            | 160     | 0         | 14.96                 | 15.25  | 15.17  | 15.50                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 15.00                 | 15.29  | 15.22  | 15.50                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 13.55                 | 13.81  | 13.69  | 14.00                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 11.46                 | 11.85  | 11.71  | 12.00                               | 4.5                      |

## 5G NR n2\_15kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 1862.5                | 1880   | 1897.5 |                                     |                          |
| Channel         |            |         |           | 372500                | 376000 | 379500 |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 16.03                 | 16.31  | 16.25  | 16.50                               | 0.0                      |

## 5G NR n2\_15kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 1860                  | 1880   | 1900   |                                     |                          |
| Channel         |            |         |           | 372000                | 376000 | 380000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 16.04                 | 16.28  | 16.28  | 16.50                               | 0.0                      |

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| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1857.5                | 1880   | 1902.5 |                                     |                          |
| Channel         |            |         |           | 371500                | 376000 | 380500 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 16.07                 | 16.36  | 16.29  | 16.50                               | 0.0                      |
| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1855                  | 1880   | 1905   |                                     |                          |
| Channel         |            |         |           | 371000                | 376000 | 381000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 16.07                 | 16.31  | 16.29  | 16.50                               | 0.0                      |
| 5G NR n2_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1852.5                | 1880   | 1907.5 |                                     |                          |
| Channel         |            |         |           | 370500                | 376000 | 381500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 16.05                 | 16.36  | 16.22  | 16.50                               | 0.0                      |

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| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2525                  | 2535   | 2545   |                                     |                          |
| Channel         |            |         |           | 505000                | 507000 | 509000 |                                     |                          |
| 50              | Pi/2 BPSK  | 1       | 1         | 17.28                 | 17.25  | 17.33  | 17.50                               | 0.0                      |
|                 |            | 1       | 135       | 17.19                 | 17.13  | 17.19  | 17.50                               | 0.0                      |
|                 |            | 1       | 268       | 17.21                 | 17.14  | 17.19  | 17.50                               | 0.0                      |
|                 |            | 135     | 0         | 16.72                 | 16.75  | 16.86  | 17.00                               | 0.5                      |
|                 |            | 135     | 67        | 17.19                 | 17.12  | 17.30  | 17.50                               | 0.0                      |
|                 |            | 135     | 135       | 16.70                 | 16.71  | 16.81  | 17.00                               | 0.5                      |
|                 |            | 270     | 0         | 16.82                 | 16.68  | 16.80  | 17.00                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 17.16                 | 17.19  | 17.22  | 17.50                               | 0.0                      |
|                 |            | 1       | 135       | 17.20                 | 17.16  | 17.23  | 17.50                               | 0.0                      |
|                 |            | 1       | 268       | 17.17                 | 17.11  | 17.24  | 17.50                               | 0.0                      |
|                 |            | 135     | 0         | 16.22                 | 16.18  | 16.21  | 16.50                               | 1.0                      |
|                 |            | 135     | 67        | 17.21                 | 17.08  | 17.25  | 17.50                               | 0.0                      |
|                 |            | 135     | 135       | 16.16                 | 16.11  | 16.22  | 16.50                               | 1.0                      |
|                 |            | 270     | 0         | 16.12                 | 16.08  | 16.17  | 16.50                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 16.16                 | 16.12  | 16.22  | 16.50                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 14.66                 | 14.64  | 14.73  | 15.00                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 12.64                 | 12.66  | 12.67  | 13.00                               | 4.5                      |
| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2520                  | 2535   | 2550   |                                     |                          |
| Channel         |            |         |           | 504000                | 507000 | 510000 |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 17.19                 | 17.19  | 17.23  | 17.50                               | 0.0                      |
| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2517.5                | 2535   | 2552.5 |                                     |                          |
| Channel         |            |         |           | 503500                | 507000 | 510500 |                                     |                          |
| 35              | Pi/2 BPSK  | 1       | 1         | 17.18                 | 17.16  | 17.23  | 17.50                               | 0.0                      |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2515                  | 2535   | 2555   |                                     |                          |
| Channel         |            |         |           | 503000                | 507000 | 511000 |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 17.15                 | 17.20  | 17.24  | 17.50                               | 0.0                      |
| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2512.5                | 2535   | 2557.5 |                                     |                          |
| Channel         |            |         |           | 502500                | 507000 | 511500 |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 17.15                 | 17.16  | 17.13  | 17.50                               | 0.0                      |
| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2510                  | 2535   | 2560   |                                     |                          |
| Channel         |            |         |           | 502000                | 507000 | 512000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 17.20                 | 17.23  | 17.26  | 17.50                               | 0.0                      |
| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2507.5                | 2535   | 2562.5 |                                     |                          |
| Channel         |            |         |           | 501500                | 507000 | 512500 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 17.24                 | 17.17  | 17.22  | 17.50                               | 0.0                      |
| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2505                  | 2535   | 2565   |                                     |                          |
| Channel         |            |         |           | 501000                | 507000 | 513000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 17.16                 | 17.12  | 17.29  | 17.50                               | 0.0                      |

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| 5G NR n7_15kHz  |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2502.5                | 2535   | 2567.5 |                                     |                          |
| Channel         |            |         |           | 500500                | 507000 | 513500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 17.09                 | 17.12  | 17.17  | 17.50                               | 0.0                      |

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| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1872.5                | 1882.5 | 1892.5 |                                     |                          |
| Channel         |            |         |           | 374500                | 376500 | 378500 |                                     |                          |
| 45              | Pi/2 BPSK  | 1       | 1         | 18.05                 | 18.34  | 18.43  | 18.50                               | 0.0                      |
|                 |            | 1       | 121       | 17.98                 | 18.27  | 18.28  | 18.50                               | 0.0                      |
|                 |            | 1       | 240       | 17.97                 | 18.20  | 18.26  | 18.50                               | 0.0                      |
|                 |            | 120     | 0         | 17.52                 | 17.84  | 17.99  | 18.00                               | 0.5                      |
|                 |            | 120     | 60        | 17.99                 | 18.29  | 18.29  | 18.50                               | 0.0                      |
|                 |            | 120     | 120       | 17.58                 | 17.84  | 17.88  | 18.00                               | 0.5                      |
|                 |            | 240     | 0         | 17.57                 | 17.88  | 17.88  | 18.00                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 17.89                 | 18.30  | 18.25  | 18.50                               | 0.0                      |
|                 |            | 1       | 121       | 17.90                 | 18.29  | 18.36  | 18.50                               | 0.0                      |
|                 |            | 1       | 240       | 17.97                 | 18.23  | 18.28  | 18.50                               | 0.0                      |
|                 |            | 120     | 0         | 16.93                 | 17.21  | 17.35  | 17.50                               | 1.0                      |
|                 |            | 120     | 60        | 17.91                 | 18.25  | 18.28  | 18.50                               | 0.0                      |
|                 |            | 120     | 120       | 16.93                 | 17.20  | 17.32  | 17.50                               | 1.0                      |
|                 |            | 240     | 0         | 16.89                 | 17.17  | 17.27  | 17.50                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 16.93                 | 17.21  | 17.32  | 17.50                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 15.41                 | 15.69  | 15.84  | 16.00                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 13.39                 | 13.77  | 13.85  | 14.00                               | 4.5                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5 | 1895   |                                     |                          |
| Channel         |            |         |           | 374000                | 376500 | 379000 |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 17.90                 | 18.22  | 18.33  | 18.50                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5 | 1897.5 |                                     |                          |
| Channel         |            |         |           | 373500                | 376500 | 379500 |                                     |                          |
| 35              | Pi/2 BPSK  | 1       | 1         | 17.92                 | 18.19  | 18.38  | 18.50                               | 0.0                      |

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| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5 | 1900   |                                     |                          |
| Channel         |            |         |           | 373000                | 376500 | 380000 |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 17.93                 | 18.21  | 18.33  | 18.50                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5 | 1902.5 |                                     |                          |
| Channel         |            |         |           | 372500                | 376500 | 380500 |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 17.85                 | 18.31  | 18.28  | 18.50                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5 | 1905   |                                     |                          |
| Channel         |            |         |           | 372000                | 376500 | 381000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 17.88                 | 18.20  | 18.38  | 18.50                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5 | 1907.5 |                                     |                          |
| Channel         |            |         |           | 371500                | 376500 | 381500 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 17.96                 | 18.20  | 18.42  | 18.50                               | 0.0                      |
| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5 | 1910   |                                     |                          |
| Channel         |            |         |           | 371000                | 376500 | 382000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 18.00                 | 18.28  | 18.29  | 18.50                               | 0.0                      |

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| 5G NR n25_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5 | 1912.5 |                                     |                          |
| Channel         |            |         |           | 370500                | 376500 | 382500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 17.92                 | 18.19  | 18.30  | 18.50                               | 0.0                      |

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| 5G NR n30_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           |                       | 2310   |        |                                     |                          |
| Channel         |            |         |           |                       | 462000 |        |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         |                       | 17.50  |        | 18.00                               | 0.0                      |
|                 |            | 1       | 26        |                       | 17.33  |        | 18.00                               | 0.0                      |
|                 |            | 1       | 49        |                       | 17.37  |        | 18.00                               | 0.0                      |
|                 |            | 25      | 0         |                       | 16.99  |        | 17.50                               | 0.5                      |
|                 |            | 25      | 13        |                       | 17.41  |        | 18.00                               | 0.0                      |
|                 |            | 25      | 26        |                       | 16.99  |        | 17.50                               | 0.5                      |
|                 |            | 50      | 0         |                       | 17.00  |        | 17.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         |                       | 17.30  |        | 18.00                               | 0.0                      |
|                 |            | 1       | 26        |                       | 17.42  |        | 18.00                               | 0.0                      |
|                 |            | 1       | 49        |                       | 17.40  |        | 18.00                               | 0.0                      |
|                 |            | 25      | 0         |                       | 16.32  |        | 17.00                               | 1.0                      |
|                 |            | 25      | 13        |                       | 17.43  |        | 18.00                               | 0.0                      |
|                 |            | 25      | 26        |                       | 16.36  |        | 17.00                               | 1.0                      |
|                 |            | 50      | 0         |                       | 16.33  |        | 17.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         |                       | 16.37  |        | 17.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         |                       | 14.91  |        | 15.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         |                       | 12.79  |        | 13.50                               | 4.5                      |
| 5G NR n30_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310   | 2312.5 |                                     |                          |
| Channel         |            |         |           | 461500                | 462000 | 462500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 17.33                 | 17.31  | 17.38  | 18.00                               | 0.0                      |

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| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1732.5                | 1745   | 1757.5 |                                     |                          |
| Channel         |            |         |           | 346500                | 349000 | 351500 |                                     |                          |
| 45              | Pi/2 BPSK  | 1       | 1         | 16.92                 | 16.83  | 16.94  | 17.00                               | 0.0                      |
|                 |            | 1       | 121       | 16.81                 | 16.71  | 16.76  | 17.00                               | 0.0                      |
|                 |            | 1       | 240       | 16.81                 | 16.65  | 16.87  | 17.00                               | 0.0                      |
|                 |            | 120     | 0         | 16.39                 | 16.35  | 16.45  | 16.50                               | 0.5                      |
|                 |            | 120     | 60        | 16.77                 | 16.67  | 16.80  | 17.00                               | 0.0                      |
|                 |            | 120     | 120       | 16.39                 | 16.35  | 16.38  | 16.50                               | 0.5                      |
|                 |            | 240     | 0         | 16.39                 | 16.32  | 16.44  | 16.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 16.81                 | 16.68  | 16.88  | 17.00                               | 0.0                      |
|                 |            | 1       | 121       | 16.81                 | 16.75  | 16.77  | 17.00                               | 0.0                      |
|                 |            | 1       | 240       | 16.83                 | 16.74  | 16.79  | 17.00                               | 0.0                      |
|                 |            | 120     | 0         | 15.76                 | 15.67  | 15.78  | 16.00                               | 1.0                      |
|                 |            | 120     | 60        | 16.85                 | 16.68  | 16.80  | 17.00                               | 0.0                      |
|                 |            | 120     | 120       | 15.80                 | 15.69  | 15.83  | 16.00                               | 1.0                      |
|                 |            | 240     | 0         | 15.76                 | 15.66  | 15.78  | 16.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 15.80                 | 15.70  | 15.83  | 16.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 14.27                 | 14.22  | 14.30  | 14.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 12.34                 | 12.27  | 12.30  | 12.50                               | 4.5                      |
| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1730                  | 1745   | 1760   |                                     |                          |
| Channel         |            |         |           | 346000                | 349000 | 352000 |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 16.79                 | 16.74  | 16.91  | 17.00                               | 0.0                      |
| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1727.5                | 1745   | 1762.5 |                                     |                          |
| Channel         |            |         |           | 345500                | 349000 | 352500 |                                     |                          |
| 35              | Pi/2 BPSK  | 1       | 1         | 16.79                 | 16.66  | 16.86  | 17.00                               | 0.0                      |

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|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1725                  | 1745   | 1765   |                                     |                          |
| Channel         |            |         |           | 345000                | 349000 | 353000 |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 16.82                 | 16.78  | 16.86  | 17.00                               | 0.0                      |
| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745   | 1767.5 |                                     |                          |
| Channel         |            |         |           | 344500                | 349000 | 353500 |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 16.88                 | 16.63  | 16.81  | 17.00                               | 0.0                      |
| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1720                  | 1745   | 1770   |                                     |                          |
| Channel         |            |         |           | 344000                | 349000 | 354000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 16.88                 | 16.64  | 16.89  | 17.00                               | 0.0                      |
| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745   | 1772.5 |                                     |                          |
| Channel         |            |         |           | 343500                | 349000 | 354500 |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 16.87                 | 16.63  | 16.92  | 17.00                               | 0.0                      |
| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1715                  | 1745   | 1775   |                                     |                          |
| Channel         |            |         |           | 343000                | 349000 | 355000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 16.80                 | 16.72  | 16.78  | 17.00                               | 0.0                      |

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| 5G NR n66_15kHz |            |         |           |                       |        |        |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|--------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745   | 1777.5 |                                     |                          |
| Channel         |            |         |           | 342500                | 349000 | 355500 |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 16.78                 | 16.72  | 16.82  | 17.00                               | 0.0                      |

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## 5.7 TDD NR

## Notebook mode

## Ant5

| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2546.01               | 2592.99 | 2640    |                                     |                          |
| Channel             |            |         |           | 509202                | 518598  | 528000  |                                     |                          |
| 100                 | Pi/2 BPSK  | 1       | 1         | 23.54                 | 23.56   | 23.55   | 24.00                               | 0.0                      |
|                     |            | 1       | 137       | 23.45                 | 23.50   | 23.40   | 24.00                               | 0.0                      |
|                     |            | 1       | 271       | 23.43                 | 23.48   | 23.41   | 24.00                               | 0.0                      |
|                     |            | 135     | 0         | 22.94                 | 23.12   | 23.07   | 23.50                               | 0.5                      |
|                     |            | 135     | 69        | 23.36                 | 23.43   | 23.41   | 24.00                               | 0.0                      |
|                     |            | 135     | 138       | 23.01                 | 23.08   | 23.04   | 23.50                               | 0.5                      |
|                     |            | 270     | 0         | 22.99                 | 23.07   | 22.97   | 23.50                               | 0.5                      |
|                     | QPSK       | 1       | 1         | 23.39                 | 23.44   | 23.39   | 24.00                               | 0.0                      |
|                     |            | 1       | 137       | 23.46                 | 23.43   | 23.44   | 24.00                               | 0.0                      |
|                     |            | 1       | 271       | 23.46                 | 23.41   | 23.40   | 24.00                               | 0.0                      |
|                     |            | 135     | 0         | 22.35                 | 22.49   | 22.42   | 23.00                               | 1.0                      |
|                     |            | 135     | 69        | 23.47                 | 23.42   | 23.42   | 24.00                               | 0.0                      |
|                     |            | 135     | 138       | 22.42                 | 22.42   | 22.44   | 23.00                               | 1.0                      |
|                     |            | 270     | 0         | 22.38                 | 22.39   | 22.39   | 23.00                               | 1.0                      |
|                     | 16-QAM     | 1       | 1         | 22.42                 | 22.43   | 22.44   | 23.00                               | 1.0                      |
|                     | 64QAM      | 1       | 1         | 20.95                 | 20.96   | 20.84   | 21.50                               | 2.5                      |
|                     | 256-QAM    | 1       | 1         | 18.88                 | 18.90   | 18.94   | 19.50                               | 4.5                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2541                  | 2592.99 | 2644.98 |                                     |                          |
| Channel             |            |         |           | 508200                | 518598  | 528996  |                                     |                          |
| 90                  | Pi/2 BPSK  | 1       | 1         | 23.36                 | 23.46   | 23.46   | 24.00                               | 0.0                      |

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| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2536.02               | 2592.99 | 2649.99 |                                     |                          |
| Channel             |            |         |           | 507204                | 518598  | 529998  |                                     |                          |
| 80                  | Pi/2 BPSK  | 1       | 1         | 23.47                 | 23.43   | 23.44   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2531.01               | 2592.99 | 2655    |                                     |                          |
| Channel             |            |         |           | 506202                | 518598  | 531000  |                                     |                          |
| 70                  | Pi/2 BPSK  | 1       | 1         | 23.43                 | 23.39   | 23.50   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2526                  | 2592.99 | 2659.98 |                                     |                          |
| Channel             |            |         |           | 505200                | 518598  | 531996  |                                     |                          |
| 60                  | Pi/2 BPSK  | 1       | 1         | 23.41                 | 23.39   | 23.46   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2521.02               | 2592.99 | 2664.99 |                                     |                          |
| Channel             |            |         |           | 504204                | 518598  | 532998  |                                     |                          |
| 50                  | Pi/2 BPSK  | 1       | 1         | 23.44                 | 23.43   | 23.40   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2518.5                | 2592.99 | 2667.48 |                                     |                          |
| Channel             |            |         |           | 503700                | 518598  | 533496  |                                     |                          |
| 45                  | Pi/2 BPSK  | 1       | 1         | 23.43                 | 23.40   | 23.35   | 24.00                               | 0.0                      |

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| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2516.01               | 2592.99 | 2670    |                                     |                          |
| Channel             |            |         |           | 503202                | 518598  | 534000  |                                     |                          |
| 40                  | Pi/2 BPSK  | 1       | 1         | 23.43                 | 23.43   | 23.38   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2513.52               | 2592.99 | 2672.49 |                                     |                          |
| Channel             |            |         |           | 502704                | 518598  | 534498  |                                     |                          |
| 35                  | Pi/2 BPSK  | 1       | 1         | 23.41                 | 23.46   | 23.40   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2511                  | 2592.99 | 2674.98 |                                     |                          |
| Channel             |            |         |           | 502200                | 518598  | 534996  |                                     |                          |
| 30                  | Pi/2 BPSK  | 1       | 1         | 23.41                 | 23.46   | 23.50   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2508.51               | 2592.99 | 2677.5  |                                     |                          |
| Channel             |            |         |           | 501702                | 518598  | 535500  |                                     |                          |
| 25                  | Pi/2 BPSK  | 1       | 1         | 23.48                 | 23.43   | 23.50   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2506.02               | 2592.99 | 2679.99 |                                     |                          |
| Channel             |            |         |           | 501204                | 518598  | 535998  |                                     |                          |
| 20                  | Pi/2 BPSK  | 1       | 1         | 23.41                 | 23.43   | 23.34   | 24.00                               | 0.0                      |

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| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2503.5                | 2592.99 | 2682.48 |                                     |                          |
| Channel             |            |         |           | 500700                | 518598  | 536496  |                                     |                          |
| 15                  | Pi/2 BPSK  | 1       | 1         | 23.47                 | 23.50   | 23.38   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2501.01               | 2592.99 | 2685    |                                     |                          |
| Channel             |            |         |           | 500202                | 518598  | 537000  |                                     |                          |
| 10                  | Pi/2 BPSK  | 1       | 1         | 23.43                 | 23.40   | 23.40   | 24.00                               | 0.0                      |

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| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3570                  | 3625.02 | 3679.98 |                                     |                          |
| Channel         |            |         |           | 638000                | 641668  | 645332  |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 20.51                 | 20.46   | 20.43   | 22.00                               | 0.0                      |
|                 |            | 1       | 53        | 20.41                 | 20.32   | 20.28   | 22.00                               | 0.0                      |
|                 |            | 1       | 104       | 20.32                 | 20.33   | 20.22   | 22.00                               | 0.0                      |
|                 |            | 50      | 0         | 19.90                 | 19.89   | 19.88   | 21.50                               | 0.5                      |
|                 |            | 50      | 28        | 20.38                 | 20.26   | 20.33   | 22.00                               | 0.0                      |
|                 |            | 50      | 56        | 19.95                 | 19.96   | 19.85   | 21.50                               | 0.5                      |
|                 |            | 100     | 0         | 19.98                 | 19.92   | 19.88   | 21.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 20.41                 | 20.34   | 20.26   | 22.00                               | 0.0                      |
|                 |            | 1       | 53        | 20.41                 | 20.31   | 20.28   | 22.00                               | 0.0                      |
|                 |            | 1       | 104       | 20.43                 | 20.36   | 20.14   | 22.00                               | 0.0                      |
|                 |            | 50      | 0         | 19.36                 | 19.37   | 19.24   | 21.00                               | 1.0                      |
|                 |            | 50      | 28        | 20.34                 | 20.30   | 20.26   | 22.00                               | 0.0                      |
|                 |            | 50      | 56        | 19.37                 | 19.28   | 19.24   | 21.00                               | 1.0                      |
|                 |            | 100     | 0         | 19.36                 | 19.28   | 19.20   | 21.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 19.32                 | 19.29   | 19.24   | 21.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 17.79                 | 17.87   | 17.78   | 19.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 15.93                 | 15.84   | 15.73   | 17.50                               | 4.5                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3565.02               | 3625.02 | 3684.99 |                                     |                          |
| Channel         |            |         |           | 637668                | 641668  | 645666  |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 20.51                 | 20.42   | 20.34   | 22.00                               | 0.0                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3560.01               | 3625.02 | 3690    |                                     |                          |
| Channel         |            |         |           | 637334                | 641668  | 646000  |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 20.48                 | 20.40   | 20.36   | 22.00                               | 0.0                      |

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| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3557.52               | 3625.02 | 3692.49 |                                     |                          |
| Channel         |            |         |           | 637168                | 641668  | 646166  |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 20.48                 | 20.44   | 20.39   | 22.00                               | 0.0                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3555                  | 3625.02 | 3694.98 |                                     |                          |
| Channel         |            |         |           | 637000                | 641668  | 646332  |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 20.44                 | 20.46   | 20.37   | 22.00                               | 0.0                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3552.51               | 3625.02 | 3697.5  |                                     |                          |
| Channel         |            |         |           | 636834                | 641668  | 646500  |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 20.51                 | 20.41   | 20.36   | 22.00                               | 0.0                      |

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| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3750                  | 3795    | 3840   | 3885    | 3930    | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Channel                 |            |         |           | 650000                | 653000  | 656000 | 659000  | 662000  |                                     |                          |
| 100                     | Pi/2 BPSK  | 1       | 1         | 23.91                 | 23.92   | 23.93  | 23.94   | 23.95   | 24.00                               | 0.0                      |
|                         |            | 1       | 137       | 23.81                 | 23.79   | 23.85  | 23.88   | 23.83   | 24.00                               | 0.0                      |
|                         |            | 1       | 271       | 23.76                 | 23.77   | 23.77  | 23.80   | 23.86   | 24.00                               | 0.0                      |
|                         |            | 135     | 0         | 23.42                 | 23.41   | 23.44  | 23.41   | 23.47   | 23.50                               | 0.5                      |
|                         |            | 135     | 69        | 23.75                 | 23.74   | 23.89  | 23.79   | 23.80   | 24.00                               | 0.0                      |
|                         |            | 135     | 138       | 23.34                 | 23.34   | 23.40  | 23.45   | 23.50   | 23.50                               | 0.5                      |
|                         |            | 270     | 0         | 23.33                 | 23.39   | 23.42  | 23.41   | 23.45   | 23.50                               | 0.5                      |
|                         | QPSK       | 1       | 1         | 23.79                 | 23.82   | 23.72  | 23.76   | 23.82   | 24.00                               | 0.0                      |
|                         |            | 1       | 137       | 23.82                 | 23.77   | 23.82  | 23.88   | 23.79   | 24.00                               | 0.0                      |
|                         |            | 1       | 271       | 23.81                 | 23.79   | 23.81  | 23.84   | 23.74   | 24.00                               | 0.0                      |
|                         |            | 135     | 0         | 22.84                 | 22.82   | 22.85  | 22.77   | 22.92   | 23.00                               | 1.0                      |
|                         |            | 135     | 69        | 23.87                 | 23.79   | 23.90  | 23.82   | 23.79   | 24.00                               | 0.0                      |
|                         |            | 135     | 138       | 22.79                 | 22.78   | 22.82  | 22.82   | 22.81   | 23.00                               | 1.0                      |
|                         |            | 270     | 0         | 22.75                 | 22.75   | 22.77  | 22.78   | 22.78   | 23.00                               | 1.0                      |
|                         | 16-QAM     | 1       | 1         | 22.79                 | 22.79   | 22.82  | 22.82   | 22.82   | 23.00                               | 1.0                      |
|                         | 64QAM      | 1       | 1         | 21.36                 | 21.29   | 21.31  | 21.35   | 21.35   | 21.50                               | 2.5                      |
|                         | 256-QAM    | 1       | 1         | 19.32                 | 19.31   | 19.30  | 19.40   | 19.35   | 19.50                               | 4.5                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3744.99               | 3792.51 | 3840   | 3887.49 | 3935.01 | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Channel                 |            |         |           | 649666                | 652834  | 656000 | 659166  | 662334  |                                     |                          |
| 90                      | Pi/2 BPSK  | 1       | 1         | 23.80                 | 23.73   | 23.88  | 23.88   | 23.87   | 24.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3740.01               | 3789.99 | 3840   | 3890.01 | 3939.99 | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Channel                 |            |         |           | 649334                | 652666  | 656000 | 659334  | 662666  |                                     |                          |
| 80                      | Pi/2 BPSK  | 1       | 1         | 23.78                 | 23.84   | 23.80  | 23.75   | 23.81   | 24.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3729.99               | 3785.01 | 3840   | 3894.99 | 3950.01 | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Channel                 |            |         |           | 648666                | 652334  | 656000 | 659666  | 663334  |                                     |                          |
| 60                      | Pi/2 BPSK  | 1       | 1         | 23.76                 | 23.79   | 23.81  | 23.84   | 23.90   | 24.00                               | 0.0                      |

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| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3725.01               | 3782.49 | 3840   | 3897.51 | 3954.99 |                                     |                          |
| Channel                 |            |         |           | 648334                | 652166  | 656000 | 659834  | 663666  |                                     |                          |
| 50                      | Pi/2 BPSK  | 1       | 1         | 23.74                 | 23.79   | 23.79  | 23.85   | 23.74   | 24.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3720                  | 3780    | 3840   | 3900    | 3960    |                                     |                          |
| Channel                 |            |         |           | 648000                | 652000  | 656000 | 660000  | 664000  |                                     |                          |
| 40                      | Pi/2 BPSK  | 1       | 1         | 23.83                 | 23.80   | 23.81  | 23.86   | 23.76   | 24.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3710.01               | 3774.99 | 3840   | 3903.99 | 3969.99 |                                     |                          |
| Channel                 |            |         |           | 647334                | 651666  | 656000 | 660266  | 664666  |                                     |                          |
| 20                      | Pi/2 BPSK  | 1       | 1         | 23.82                 | 23.77   | 23.80  | 23.86   | 23.84   | 24.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 15                      | Pi/2 BPSK  | 1       | 1         |                       |         | 23.85  |         |         | 24.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 10                      | Pi/2 BPSK  | 1       | 1         |                       |         | 23.92  |         |         | 24.00                               | 0.0                      |

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| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3750                  | 3795    | 3840   | 3885    | 3930    |                                     |                          |
| Channel                 |            |         |           | 650000                | 653000  | 656000 | 659000  | 662000  |                                     |                          |
| 100                     | Pi/2 BPSK  | 1       | 1         | 26.64                 | 26.63   | 26.60  | 26.68   | 26.71   | 27.00                               | 0.0                      |
|                         |            | 1       | 137       | 26.55                 | 26.53   | 26.50  | 26.54   | 26.61   | 27.00                               | 0.0                      |
|                         |            | 1       | 271       | 26.49                 | 26.52   | 26.53  | 26.55   | 26.52   | 27.00                               | 0.0                      |
|                         |            | 135     | 0         | 26.07                 | 26.07   | 26.05  | 26.19   | 26.16   | 26.50                               | 0.5                      |
|                         |            | 135     | 69        | 26.46                 | 26.47   | 26.47  | 26.60   | 26.67   | 27.00                               | 0.0                      |
|                         |            | 135     | 138       | 26.16                 | 26.08   | 26.06  | 26.22   | 26.18   | 26.50                               | 0.5                      |
|                         |            | 270     | 0         | 26.11                 | 26.12   | 26.14  | 26.18   | 26.26   | 26.50                               | 0.5                      |
|                         | QPSK       | 1       | 1         | 26.47                 | 26.47   | 26.43  | 26.51   | 26.60   | 27.00                               | 0.0                      |
|                         |            | 1       | 137       | 26.60                 | 26.52   | 26.52  | 26.64   | 26.56   | 27.00                               | 0.0                      |
|                         |            | 1       | 271       | 26.49                 | 26.57   | 26.51  | 26.57   | 26.57   | 27.00                               | 0.0                      |
|                         |            | 135     | 0         | 25.54                 | 25.44   | 25.49  | 25.54   | 25.58   | 26.00                               | 1.0                      |
|                         |            | 135     | 69        | 26.47                 | 26.56   | 26.46  | 26.59   | 26.57   | 27.00                               | 0.0                      |
|                         |            | 135     | 138       | 25.52                 | 25.49   | 25.49  | 25.56   | 25.57   | 26.00                               | 1.0                      |
|                         |            | 270     | 0         | 25.48                 | 25.46   | 25.44  | 25.52   | 25.54   | 26.00                               | 1.0                      |
|                         | 16-QAM     | 1       | 1         | 25.52                 | 25.50   | 25.49  | 25.56   | 25.58   | 26.00                               | 1.0                      |
|                         | 64QAM      | 1       | 1         | 24.08                 | 23.98   | 23.98  | 24.11   | 24.06   | 24.50                               | 2.5                      |
|                         | 256-QAM    | 1       | 1         | 22.00                 | 21.99   | 21.97  | 22.06   | 22.07   | 22.50                               | 4.5                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3744.99               | 3792.51 | 3840   | 3887.49 | 3935.01 |                                     |                          |
| Channel                 |            |         |           | 649666                | 652834  | 656000 | 659166  | 662334  |                                     |                          |
| 90                      | Pi/2 BPSK  | 1       | 1         | 26.59                 | 26.45   | 26.53  | 26.63   | 26.56   | 27.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3740.01               | 3789.99 | 3840   | 3890.01 | 3939.99 |                                     |                          |
| Channel                 |            |         |           | 649334                | 652666  | 656000 | 659334  | 662666  |                                     |                          |
| 80                      | Pi/2 BPSK  | 1       | 1         | 26.44                 | 26.47   | 26.46  | 26.51   | 26.53   | 27.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3729.99               | 3785.01 | 3840   | 3894.99 | 3950.01 |                                     |                          |
| Channel                 |            |         |           | 648666                | 652334  | 656000 | 659666  | 663334  |                                     |                          |
| 60                      | Pi/2 BPSK  | 1       | 1         | 26.53                 | 26.50   | 26.40  | 26.56   | 26.62   | 27.00                               | 0.0                      |

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| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3725.01               | 3782.49 | 3840   | 3897.51 | 3954.99 |                                     |                          |
| Channel                 |            |         |           | 648334                | 652166  | 656000 | 659834  | 663666  |                                     |                          |
| 50                      | Pi/2 BPSK  | 1       | 1         | 26.48                 | 26.55   | 26.48  | 26.52   | 26.60   | 27.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3720                  | 3780    | 3840   | 3900    | 3960    |                                     |                          |
| Channel                 |            |         |           | 648000                | 652000  | 656000 | 660000  | 664000  |                                     |                          |
| 40                      | Pi/2 BPSK  | 1       | 1         | 26.48                 | 26.56   | 26.55  | 26.56   | 26.60   | 27.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3710.01               | 3774.99 | 3840   | 3903.99 | 3969.99 |                                     |                          |
| Channel                 |            |         |           | 647334                | 651666  | 656000 | 660266  | 664666  |                                     |                          |
| 20                      | Pi/2 BPSK  | 1       | 1         | 26.46                 | 26.52   | 26.44  | 26.51   | 26.60   | 27.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 15                      | Pi/2 BPSK  | 1       | 1         |                       |         | 26.49  |         |         | 27.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 10                      | Pi/2 BPSK  | 1       | 1         |                       |         | 26.45  |         |         | 27.00                               | 0.0                      |

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| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |         |                                     |                          |
|-------------------------------|------------|---------|-----------|-----------------------|----------|---------|-------------------------------------|--------------------------|
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           |                       | 3499.995 |         |                                     |                          |
| Channel                       |            |         |           |                       | 633333   |         |                                     |                          |
| 100                           | Pi/2 BPSK  | 1       | 1         |                       | 23.97    |         | 24.00                               | 0.0                      |
|                               |            | 1       | 137       |                       | 23.87    |         | 24.00                               | 0.0                      |
|                               |            | 1       | 271       |                       | 23.79    |         | 24.00                               | 0.0                      |
|                               |            | 135     | 0         |                       | 23.50    |         | 23.50                               | 0.5                      |
|                               |            | 135     | 69        |                       | 23.78    |         | 24.00                               | 0.0                      |
|                               |            | 135     | 138       |                       | 23.50    |         | 23.50                               | 0.5                      |
|                               |            | 270     | 0         |                       | 23.48    |         | 23.50                               | 0.5                      |
|                               | QPSK       | 1       | 1         |                       | 23.80    |         | 24.00                               | 0.0                      |
|                               |            | 1       | 137       |                       | 23.82    |         | 24.00                               | 0.0                      |
|                               |            | 1       | 271       |                       | 23.87    |         | 24.00                               | 0.0                      |
|                               |            | 135     | 0         |                       | 22.82    |         | 23.00                               | 1.0                      |
|                               |            | 135     | 69        |                       | 23.78    |         | 24.00                               | 0.0                      |
|                               |            | 135     | 138       |                       | 22.85    |         | 23.00                               | 1.0                      |
|                               |            | 270     | 0         |                       | 22.81    |         | 23.00                               | 1.0                      |
|                               | 16-QAM     | 1       | 1         |                       | 22.85    |         | 23.00                               | 1.0                      |
|                               | 64QAM      | 1       | 1         |                       | 21.36    |         | 21.50                               | 2.5                      |
|                               | 256-QAM    | 1       | 1         |                       | 19.31    |         | 19.50                               | 4.5                      |
| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |         |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3495                  | 3499.995 | 3504.99 |                                     |                          |
| Channel                       |            |         |           | 633000                | 633333   | 633666  |                                     |                          |
| 90                            | Pi/2 BPSK  | 1       | 1         | 23.89                 | 23.91    | 23.93   | 24.00                               | 0.0                      |
| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |         |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3490.005              | 3499.995 | 3510    |                                     |                          |
| Channel                       |            |         |           | 632667                | 633333   | 634000  |                                     |                          |
| 80                            | Pi/2 BPSK  | 1       | 1         | 23.76                 | 23.79    | 23.75   | 24.00                               | 0.0                      |

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| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
|-------------------------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3480                  | 3499.995 | 3519.99  |                                     |                          |
| Channel                       |            |         |           | 632000                | 633333   | 634666   |                                     |                          |
| 60                            | Pi/2 BPSK  | 1       | 1         | 23.83                 | 23.79    | 23.85    | 24.00                               | 0.0                      |
| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3475.005              | 3499.995 | 3525     |                                     |                          |
| Channel                       |            |         |           | 631667                | 633333   | 635000   |                                     |                          |
| 50                            | Pi/2 BPSK  | 1       | 1         | 23.72                 | 23.79    | 23.89    | 24.00                               | 0.0                      |
| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3470.01               | 3499.995 | 3529.995 |                                     |                          |
| Channel                       |            |         |           | 631334                | 633333   | 635333   |                                     |                          |
| 40                            | Pi/2 BPSK  | 1       | 1         | 23.70                 | 23.79    | 23.84    | 24.00                               | 0.0                      |
| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3460.005              | 3499.995 | 3540     |                                     |                          |
| Channel                       |            |         |           | 630667                | 633333   | 636000   |                                     |                          |
| 20                            | Pi/2 BPSK  | 1       | 1         | 23.75                 | 23.76    | 23.90    | 24.00                               | 0.0                      |
| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3457.5                | 3499.995 | 3542.49  |                                     |                          |
| Channel                       |            |         |           | 630500                | 633333   | 636166   |                                     |                          |
| 15                            | Pi/2 BPSK  | 1       | 1         | 23.69                 | 23.87    | 23.78    | 24.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3455.01               | 3499.995 | 3544.995 |                                     |                          |
| Channel         |            |         |           | 630334                | 633333   | 636333   |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 23.74                 | 23.81    | 23.78    | 24.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC2\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |  | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           |                       | 3499.995 |  |                                     |                          |
| Channel         |            |         |           |                       | 633333   |  |                                     |                          |
| 100             | Pi/2 BPSK  | 1       | 1         |                       | 26.66    |  | 27.00                               | 0.0                      |
|                 |            | 1       | 137       |                       | 26.47    |  | 27.00                               | 0.0                      |
|                 |            | 1       | 271       |                       | 26.43    |  | 27.00                               | 0.0                      |
|                 |            | 135     | 0         |                       | 26.16    |  | 26.50                               | 0.5                      |
|                 |            | 135     | 69        |                       | 26.59    |  | 27.00                               | 0.0                      |
|                 |            | 135     | 138       |                       | 26.17    |  | 26.50                               | 0.5                      |
|                 |            | 270     | 0         |                       | 26.14    |  | 26.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         |                       | 26.61    |  | 27.00                               | 0.0                      |
|                 |            | 1       | 137       |                       | 26.54    |  | 27.00                               | 0.0                      |
|                 |            | 1       | 271       |                       | 26.50    |  | 27.00                               | 0.0                      |
|                 |            | 135     | 0         |                       | 25.56    |  | 26.00                               | 1.0                      |
|                 |            | 135     | 69        |                       | 26.54    |  | 27.00                               | 0.0                      |
|                 |            | 135     | 138       |                       | 25.54    |  | 26.00                               | 1.0                      |
|                 |            | 270     | 0         |                       | 25.50    |  | 26.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         |                       | 25.54    |  | 26.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         |                       | 24.00    |  | 24.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         |                       | 22.06    |  | 22.50                               | 4.5                      |

## 5G NR n77 &amp; n78\_PC2\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3495                  | 3499.995 | 3504.99 |                                     |                          |
| Channel         |            |         |           | 633000                | 633333   | 633666  |                                     |                          |
| 90              | Pi/2 BPSK  | 1       | 1         | 26.52                 | 26.41    | 26.53   | 27.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC2\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3490.005              | 3499.995 | 3510   |                                     |                          |
| Channel         |            |         |           | 632667                | 633333   | 634000 |                                     |                          |
| 80              | Pi/2 BPSK  | 1       | 1         | 26.39                 | 26.24    | 26.42  | 27.00                               | 0.0                      |

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|-------------------------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3480                  | 3499.995 | 3519.99  |                                     |                          |
| Channel                       |            |         |           | 632000                | 633333   | 634666   |                                     |                          |
| 60                            | Pi/2 BPSK  | 1       | 1         | 26.39                 | 26.27    | 26.47    | 27.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3475.005              | 3499.995 | 3525     |                                     |                          |
| Channel                       |            |         |           | 631667                | 633333   | 635000   |                                     |                          |
| 50                            | Pi/2 BPSK  | 1       | 1         | 26.39                 | 26.22    | 26.49    | 27.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3470.01               | 3499.995 | 3529.995 |                                     |                          |
| Channel                       |            |         |           | 631334                | 633333   | 635333   |                                     |                          |
| 40                            | Pi/2 BPSK  | 1       | 1         | 26.39                 | 26.27    | 26.39    | 27.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3460.005              | 3499.995 | 3540     |                                     |                          |
| Channel                       |            |         |           | 630667                | 633333   | 636000   |                                     |                          |
| 20                            | Pi/2 BPSK  | 1       | 1         | 26.44                 | 26.26    | 26.41    | 27.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3457.5                | 3499.995 | 3542.49  |                                     |                          |
| Channel                       |            |         |           | 630500                | 633333   | 636166   |                                     |                          |
| 15                            | Pi/2 BPSK  | 1       | 1         | 26.37                 | 26.28    | 26.33    | 27.00                               | 0.0                      |

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| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3455.01               | 3499.995 | 3544.995 |                                     |                          |
| Channel         |            |         |           | 630334                | 633333   | 636333   |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 26.38                 | 26.34    | 26.48    | 27.00                               | 0.0                      |

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## Ant8

## 5G NR n38\_30kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|--------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 2590.02               | 2595   | 2599.98 |                                     |                          |
| Channel         |            |         |           | 518004                | 519000 | 519996  |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 22.20                 | 22.24  | 22.33   | 24.00                               | 0.0                      |
|                 |            | 1       | 53        | 22.08                 | 22.10  | 22.25   | 24.00                               | 0.0                      |
|                 |            | 1       | 104       | 22.14                 | 22.15  | 22.19   | 24.00                               | 0.0                      |
|                 |            | 50      | 0         | 21.63                 | 21.68  | 21.85   | 23.50                               | 0.5                      |
|                 |            | 50      | 28        | 22.04                 | 22.11  | 22.17   | 24.00                               | 0.0                      |
|                 |            | 50      | 56        | 21.69                 | 21.76  | 21.86   | 23.50                               | 0.5                      |
|                 |            | 100     | 0         | 21.70                 | 21.68  | 21.79   | 23.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 22.11                 | 22.09  | 22.19   | 24.00                               | 0.0                      |
|                 |            | 1       | 53        | 22.03                 | 22.19  | 22.27   | 24.00                               | 0.0                      |
|                 |            | 1       | 104       | 22.15                 | 22.17  | 22.20   | 24.00                               | 0.0                      |
|                 |            | 50      | 0         | 21.11                 | 21.10  | 21.27   | 23.00                               | 1.0                      |
|                 |            | 50      | 28        | 22.06                 | 22.13  | 22.22   | 24.00                               | 0.0                      |
|                 |            | 50      | 56        | 21.08                 | 21.10  | 21.22   | 23.00                               | 1.0                      |
|                 |            | 100     | 0         | 21.04                 | 21.07  | 21.17   | 23.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 21.08                 | 21.11  | 21.22   | 23.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 19.62                 | 19.54  | 19.69   | 21.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 17.64                 | 17.62  | 17.66   | 19.50                               | 4.5                      |

## 5G NR n38\_30kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|--------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 2585.01               | 2595   | 2604.99 |                                     |                          |
| Channel         |            |         |           | 517002                | 519000 | 520998  |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 22.04                 | 22.04  | 22.20   | 24.00                               | 0.0                      |

## 5G NR n38\_30kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|--------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 2582.52               | 2595   | 2607.48 |                                     |                          |
| Channel         |            |         |           | 516504                | 519000 | 521496  |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 22.12                 | 22.19  | 22.20   | 24.00                               | 0.0                      |

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| 5G NR n38_30kHz |            |         |           |                       |        |         |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|---------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2580                  | 2595   | 2610    |                                     |                          |
| Channel         |            |         |           | 516000                | 519000 | 522000  |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 22.04                 | 22.08  | 22.16   | 24.00                               | 0.0                      |
| 5G NR n38_30kHz |            |         |           |                       |        |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2577.51               | 2595   | 2612.49 |                                     |                          |
| Channel         |            |         |           | 515502                | 519000 | 522498  |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 22.05                 | 22.17  | 22.16   | 24.00                               | 0.0                      |
| 5G NR n38_30kHz |            |         |           |                       |        |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2575.02               | 2595   | 2614.98 |                                     |                          |
| Channel         |            |         |           | 515004                | 519000 | 522996  |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 22.19                 | 22.23  | 22.31   | 24.00                               | 0.0                      |

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| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2546.01               | 2592.99 | 2640    |                                     |                          |
| Channel             |            |         |           | 509202                | 518598  | 528000  |                                     |                          |
| 100                 | Pi/2 BPSK  | 1       | 1         | 23.24                 | 23.20   | 22.94   | 24.00                               | 0.0                      |
|                     |            | 1       | 137       | 23.13                 | 23.04   | 22.84   | 24.00                               | 0.0                      |
|                     |            | 1       | 271       | 23.16                 | 23.09   | 22.81   | 24.00                               | 0.0                      |
|                     |            | 135     | 0         | 22.66                 | 22.68   | 22.43   | 23.50                               | 0.5                      |
|                     |            | 135     | 69        | 23.20                 | 23.02   | 22.86   | 24.00                               | 0.0                      |
|                     |            | 135     | 138       | 22.70                 | 22.73   | 22.44   | 23.50                               | 0.5                      |
|                     |            | 270     | 0         | 22.74                 | 22.69   | 22.38   | 23.50                               | 0.5                      |
|                     | QPSK       | 1       | 1         | 23.14                 | 23.06   | 22.88   | 24.00                               | 0.0                      |
|                     |            | 1       | 137       | 23.10                 | 23.13   | 22.80   | 24.00                               | 0.0                      |
|                     |            | 1       | 271       | 23.07                 | 23.06   | 22.78   | 24.00                               | 0.0                      |
|                     |            | 135     | 0         | 22.19                 | 22.13   | 21.76   | 23.00                               | 1.0                      |
|                     |            | 135     | 69        | 23.21                 | 23.08   | 22.82   | 24.00                               | 0.0                      |
|                     |            | 135     | 138       | 22.12                 | 22.06   | 21.83   | 23.00                               | 1.0                      |
|                     |            | 270     | 0         | 22.08                 | 22.03   | 21.78   | 23.00                               | 1.0                      |
|                     | 16-QAM     | 1       | 1         | 22.12                 | 22.07   | 21.83   | 23.00                               | 1.0                      |
|                     | 64QAM      | 1       | 1         | 20.65                 | 20.51   | 20.29   | 21.50                               | 2.5                      |
|                     | 256-QAM    | 1       | 1         | 18.60                 | 18.55   | 18.31   | 19.50                               | 4.5                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2541                  | 2592.99 | 2644.98 |                                     |                          |
| Channel             |            |         |           | 508200                | 518598  | 528996  |                                     |                          |
| 90                  | Pi/2 BPSK  | 1       | 1         | 23.06                 | 23.03   | 22.81   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2536.02               | 2592.99 | 2649.99 |                                     |                          |
| Channel             |            |         |           | 507204                | 518598  | 529998  |                                     |                          |
| 80                  | Pi/2 BPSK  | 1       | 1         | 23.18                 | 23.12   | 22.88   | 24.00                               | 0.0                      |

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| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2531.01               | 2592.99 | 2655    |                                     |                          |
| Channel             |            |         |           | 506202                | 518598  | 531000  |                                     |                          |
| 70                  | Pi/2 BPSK  | 1       | 1         | 23.13                 | 23.07   | 22.74   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2526                  | 2592.99 | 2659.98 |                                     |                          |
| Channel             |            |         |           | 505200                | 518598  | 531996  |                                     |                          |
| 60                  | Pi/2 BPSK  | 1       | 1         | 23.16                 | 23.13   | 22.80   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2521.02               | 2592.99 | 2664.99 |                                     |                          |
| Channel             |            |         |           | 504204                | 518598  | 532998  |                                     |                          |
| 50                  | Pi/2 BPSK  | 1       | 1         | 23.19                 | 23.12   | 22.90   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2518.5                | 2592.99 | 2667.48 |                                     |                          |
| Channel             |            |         |           | 503700                | 518598  | 533496  |                                     |                          |
| 45                  | Pi/2 BPSK  | 1       | 1         | 23.08                 | 23.14   | 22.77   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2516.01               | 2592.99 | 2670    |                                     |                          |
| Channel             |            |         |           | 503202                | 518598  | 534000  |                                     |                          |
| 40                  | Pi/2 BPSK  | 1       | 1         | 23.09                 | 23.07   | 22.82   | 24.00                               | 0.0                      |

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| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2513.52               | 2592.99 | 2672.49 |                                     |                          |
| Channel             |            |         |           | 502704                | 518598  | 534498  |                                     |                          |
| 35                  | Pi/2 BPSK  | 1       | 1         | 23.15                 | 23.08   | 22.76   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2511                  | 2592.99 | 2674.98 |                                     |                          |
| Channel             |            |         |           | 502200                | 518598  | 534996  |                                     |                          |
| 30                  | Pi/2 BPSK  | 1       | 1         | 23.13                 | 23.03   | 22.75   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2508.51               | 2592.99 | 2677.5  |                                     |                          |
| Channel             |            |         |           | 501702                | 518598  | 535500  |                                     |                          |
| 25                  | Pi/2 BPSK  | 1       | 1         | 23.12                 | 23.07   | 22.90   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2506.02               | 2592.99 | 2679.99 |                                     |                          |
| Channel             |            |         |           | 501204                | 518598  | 535998  |                                     |                          |
| 20                  | Pi/2 BPSK  | 1       | 1         | 23.16                 | 23.02   | 22.82   | 24.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2503.5                | 2592.99 | 2682.48 |                                     |                          |
| Channel             |            |         |           | 500700                | 518598  | 536496  |                                     |                          |
| 15                  | Pi/2 BPSK  | 1       | 1         | 23.05                 | 23.12   | 22.78   | 24.00                               | 0.0                      |

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## 5G NR n41\_PC3\_30kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|---------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99 | 2685   |                                     |                          |
| Channel         |            |         |           | 500202                | 518598  | 537000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 23.13                 | 23.08   | 22.77  | 24.00                               | 0.0                      |

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| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2546.01               | 2592.99 | 2640    |                                     |                          |
| Channel             |            |         |           | 509202                | 518598  | 528000  |                                     |                          |
| 100                 | Pi/2 BPSK  | 1       | 1         | 26.66                 | 26.58   | 26.56   | 27.00                               | 0.0                      |
|                     |            | 1       | 137       | 26.51                 | 26.48   | 26.42   | 27.00                               | 0.0                      |
|                     |            | 1       | 271       | 26.57                 | 26.43   | 26.39   | 27.00                               | 0.0                      |
|                     |            | 135     | 0         | 26.13                 | 26.10   | 26.10   | 26.50                               | 0.5                      |
|                     |            | 135     | 69        | 26.49                 | 26.45   | 26.35   | 27.00                               | 0.0                      |
|                     |            | 135     | 138       | 26.09                 | 26.06   | 26.06   | 26.50                               | 0.5                      |
|                     |            | 270     | 0         | 26.19                 | 26.04   | 25.99   | 26.50                               | 0.5                      |
|                     | QPSK       | 1       | 1         | 26.54                 | 26.43   | 26.38   | 27.00                               | 0.0                      |
|                     |            | 1       | 137       | 26.51                 | 26.49   | 26.43   | 27.00                               | 0.0                      |
|                     |            | 1       | 271       | 26.51                 | 26.42   | 26.41   | 27.00                               | 0.0                      |
|                     |            | 135     | 0         | 25.51                 | 25.43   | 25.39   | 26.00                               | 1.0                      |
|                     |            | 135     | 69        | 26.49                 | 26.41   | 26.48   | 27.00                               | 0.0                      |
|                     |            | 135     | 138       | 25.54                 | 25.44   | 25.45   | 26.00                               | 1.0                      |
|                     |            | 270     | 0         | 25.50                 | 25.41   | 25.40   | 26.00                               | 1.0                      |
|                     | 16-QAM     | 1       | 1         | 25.54                 | 25.45   | 25.45   | 26.00                               | 1.0                      |
|                     | 64QAM      | 1       | 1         | 24.06                 | 23.96   | 23.92   | 24.50                               | 2.5                      |
|                     | 256-QAM    | 1       | 1         | 21.99                 | 22.03   | 21.97   | 22.50                               | 4.5                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2541                  | 2592.99 | 2644.98 |                                     |                          |
| Channel             |            |         |           | 508200                | 518598  | 528996  |                                     |                          |
| 90                  | Pi/2 BPSK  | 1       | 1         | 26.53                 | 26.37   | 26.49   | 27.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2536.02               | 2592.99 | 2649.99 |                                     |                          |
| Channel             |            |         |           | 507204                | 518598  | 529998  |                                     |                          |
| 80                  | Pi/2 BPSK  | 1       | 1         | 26.62                 | 26.49   | 26.48   | 27.00                               | 0.0                      |

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| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2531.01               | 2592.99 | 2655    |                                     |                          |
| Channel             |            |         |           | 506202                | 518598  | 531000  |                                     |                          |
| 70                  | Pi/2 BPSK  | 1       | 1         | 26.53                 | 26.43   | 26.36   | 27.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2526                  | 2592.99 | 2659.98 |                                     |                          |
| Channel             |            |         |           | 505200                | 518598  | 531996  |                                     |                          |
| 60                  | Pi/2 BPSK  | 1       | 1         | 26.61                 | 26.46   | 26.46   | 27.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2521.02               | 2592.99 | 2664.99 |                                     |                          |
| Channel             |            |         |           | 504204                | 518598  | 532998  |                                     |                          |
| 50                  | Pi/2 BPSK  | 1       | 1         | 26.51                 | 26.49   | 26.50   | 27.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2518.5                | 2592.99 | 2667.48 |                                     |                          |
| Channel             |            |         |           | 503700                | 518598  | 533496  |                                     |                          |
| 45                  | Pi/2 BPSK  | 1       | 1         | 26.56                 | 26.39   | 26.40   | 27.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2516.01               | 2592.99 | 2670    |                                     |                          |
| Channel             |            |         |           | 503202                | 518598  | 534000  |                                     |                          |
| 40                  | Pi/2 BPSK  | 1       | 1         | 26.62                 | 26.48   | 26.47   | 27.00                               | 0.0                      |

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| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2513.52               | 2592.99 | 2672.49 |                                     |                          |
| Channel             |            |         |           | 502704                | 518598  | 534498  |                                     |                          |
| 35                  | Pi/2 BPSK  | 1       | 1         | 26.52                 | 26.47   | 26.42   | 27.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2511                  | 2592.99 | 2674.98 |                                     |                          |
| Channel             |            |         |           | 502200                | 518598  | 534996  |                                     |                          |
| 30                  | Pi/2 BPSK  | 1       | 1         | 26.58                 | 26.38   | 26.36   | 27.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2508.51               | 2592.99 | 2677.5  |                                     |                          |
| Channel             |            |         |           | 501702                | 518598  | 535500  |                                     |                          |
| 25                  | Pi/2 BPSK  | 1       | 1         | 26.52                 | 26.46   | 26.43   | 27.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2506.02               | 2592.99 | 2679.99 |                                     |                          |
| Channel             |            |         |           | 501204                | 518598  | 535998  |                                     |                          |
| 20                  | Pi/2 BPSK  | 1       | 1         | 26.57                 | 26.46   | 26.48   | 27.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2503.5                | 2592.99 | 2682.48 |                                     |                          |
| Channel             |            |         |           | 500700                | 518598  | 536496  |                                     |                          |
| 15                  | Pi/2 BPSK  | 1       | 1         | 26.49                 | 26.50   | 26.43   | 27.00                               | 0.0                      |

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## 5G NR n41\_PC2\_30kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|---------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99 | 2685   |                                     |                          |
| Channel         |            |         |           | 500202                | 518598  | 537000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 26.49                 | 26.46   | 26.41  | 27.00                               | 0.0                      |

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| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3570                  | 3625.02 | 3679.98 |                                     |                          |
| Channel         |            |         |           | 638000                | 641668  | 645332  |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 21.49                 | 21.49   | 21.05   | 22.00                               | 0.0                      |
|                 |            | 1       | 53        | 21.43                 | 21.37   | 20.92   | 22.00                               | 0.0                      |
|                 |            | 1       | 104       | 21.37                 | 21.25   | 21.02   | 22.00                               | 0.0                      |
|                 |            | 50      | 0         | 21.01                 | 20.91   | 20.61   | 21.50                               | 0.5                      |
|                 |            | 50      | 28        | 21.36                 | 21.26   | 20.95   | 22.00                               | 0.0                      |
|                 |            | 50      | 56        | 21.00                 | 20.87   | 20.55   | 21.50                               | 0.5                      |
|                 |            | 100     | 0         | 21.01                 | 20.91   | 20.60   | 21.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 21.36                 | 21.29   | 21.01   | 22.00                               | 0.0                      |
|                 |            | 1       | 53        | 21.47                 | 21.34   | 20.96   | 22.00                               | 0.0                      |
|                 |            | 1       | 104       | 21.44                 | 21.34   | 20.99   | 22.00                               | 0.0                      |
|                 |            | 50      | 0         | 20.38                 | 20.36   | 19.94   | 21.00                               | 1.0                      |
|                 |            | 50      | 28        | 21.40                 | 21.28   | 21.04   | 22.00                               | 0.0                      |
|                 |            | 50      | 56        | 20.42                 | 20.29   | 19.98   | 21.00                               | 1.0                      |
|                 |            | 100     | 0         | 20.39                 | 20.24   | 19.90   | 21.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 20.39                 | 20.34   | 19.99   | 21.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 18.90                 | 18.82   | 18.55   | 19.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 16.99                 | 16.86   | 16.53   | 17.50                               | 4.5                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3565.02               | 3625.02 | 3684.99 |                                     |                          |
| Channel         |            |         |           | 637668                | 641668  | 645666  |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 21.32                 | 21.16   | 21.21   | 22.00                               | 0.0                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3560.01               | 3625.02 | 3690    |                                     |                          |
| Channel         |            |         |           | 637334                | 641668  | 646000  |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 21.36                 | 21.21   | 21.02   | 22.00                               | 0.0                      |

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| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3557.52               | 3625.02 | 3692.49 |                                     |                          |
| Channel         |            |         |           | 637168                | 641668  | 646166  |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 21.31                 | 21.29   | 21.02   | 22.00                               | 0.0                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3555                  | 3625.02 | 3694.98 |                                     |                          |
| Channel         |            |         |           | 637000                | 641668  | 646332  |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 21.32                 | 21.25   | 21.08   | 22.00                               | 0.0                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3552.51               | 3625.02 | 3697.5  |                                     |                          |
| Channel         |            |         |           | 636834                | 641668  | 646500  |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 21.31                 | 21.27   | 21.12   | 22.00                               | 0.0                      |

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| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3750                  | 3795    | 3840   | 3885    | 3930    |                                     |                          |
| Channel                 |            |         |           | 650000                | 653000  | 656000 | 659000  | 662000  |                                     |                          |
| 100                     | Pi/2 BPSK  | 1       | 1         | 22.56                 | 22.53   | 22.81  | 22.73   | 22.70   | 24.00                               | 0.0                      |
|                         |            | 1       | 137       | 22.45                 | 22.38   | 22.67  | 22.67   | 22.62   | 24.00                               | 0.0                      |
|                         |            | 1       | 271       | 22.50                 | 22.39   | 22.73  | 22.54   | 22.54   | 24.00                               | 0.0                      |
|                         |            | 135     | 0         | 22.01                 | 22.01   | 22.23  | 22.17   | 22.17   | 23.50                               | 0.5                      |
|                         |            | 135     | 69        | 22.41                 | 22.35   | 22.74  | 22.64   | 22.55   | 24.00                               | 0.0                      |
|                         |            | 135     | 138       | 21.98                 | 22.00   | 22.33  | 22.27   | 22.13   | 23.50                               | 0.5                      |
|                         |            | 270     | 0         | 22.05                 | 22.08   | 22.24  | 22.23   | 22.15   | 23.50                               | 0.5                      |
|                         | QPSK       | 1       | 1         | 22.50                 | 22.40   | 22.65  | 22.64   | 22.55   | 24.00                               | 0.0                      |
|                         |            | 1       | 137       | 22.44                 | 22.47   | 22.66  | 22.56   | 22.64   | 24.00                               | 0.0                      |
|                         |            | 1       | 271       | 22.48                 | 22.45   | 22.66  | 22.58   | 22.59   | 24.00                               | 0.0                      |
|                         |            | 135     | 0         | 21.43                 | 21.41   | 21.64  | 21.56   | 21.49   | 23.00                               | 1.0                      |
|                         |            | 135     | 69        | 22.43                 | 22.41   | 22.73  | 22.57   | 22.56   | 24.00                               | 0.0                      |
|                         |            | 135     | 138       | 21.44                 | 21.39   | 21.70  | 21.61   | 21.56   | 23.00                               | 1.0                      |
|                         |            | 270     | 0         | 21.40                 | 21.36   | 21.65  | 21.57   | 21.53   | 23.00                               | 1.0                      |
|                         | 16-QAM     | 1       | 1         | 21.44                 | 21.40   | 21.70  | 21.61   | 21.57   | 23.00                               | 1.0                      |
|                         | 64QAM      | 1       | 1         | 19.97                 | 19.95   | 20.20  | 20.10   | 20.08   | 21.50                               | 2.5                      |
|                         | 256-QAM    | 1       | 1         | 17.94                 | 17.92   | 18.17  | 18.03   | 18.08   | 19.50                               | 4.5                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3744.99               | 3792.51 | 3840   | 3887.49 | 3935.01 |                                     |                          |
| Channel                 |            |         |           | 649666                | 652834  | 656000 | 659166  | 662334  |                                     |                          |
| 90                      | Pi/2 BPSK  | 1       | 1         | 22.41                 | 22.46   | 22.68  | 22.66   | 22.59   | 24.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3740.01               | 3789.99 | 3840   | 3890.01 | 3939.99 |                                     |                          |
| Channel                 |            |         |           | 649334                | 652666  | 656000 | 659334  | 662666  |                                     |                          |
| 80                      | Pi/2 BPSK  | 1       | 1         | 22.42                 | 22.41   | 22.64  | 22.66   | 22.66   | 24.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3729.99               | 3785.01 | 3840   | 3894.99 | 3950.01 |                                     |                          |
| Channel                 |            |         |           | 648666                | 652334  | 656000 | 659666  | 663334  |                                     |                          |
| 60                      | Pi/2 BPSK  | 1       | 1         | 22.45                 | 22.38   | 22.70  | 22.58   | 22.58   | 24.00                               | 0.0                      |

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| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3725.01               | 3782.49 | 3840   | 3897.51 | 3954.99 |                                     |                          |
| Channel                 |            |         |           | 648334                | 652166  | 656000 | 659834  | 663666  |                                     |                          |
| 50                      | Pi/2 BPSK  | 1       | 1         | 22.44                 | 22.34   | 22.68  | 22.59   | 22.63   | 24.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3720                  | 3780    | 3840   | 3900    | 3960    |                                     |                          |
| Channel                 |            |         |           | 648000                | 652000  | 656000 | 660000  | 664000  |                                     |                          |
| 40                      | Pi/2 BPSK  | 1       | 1         | 22.46                 | 22.42   | 22.67  | 22.58   | 22.58   | 24.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3710.01               | 3774.99 | 3840   | 3903.99 | 3969.99 |                                     |                          |
| Channel                 |            |         |           | 647334                | 651666  | 656000 | 660266  | 664666  |                                     |                          |
| 20                      | Pi/2 BPSK  | 1       | 1         | 22.50                 | 22.37   | 22.70  | 22.60   | 22.59   | 24.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 15                      | Pi/2 BPSK  | 1       | 1         |                       |         | 22.63  |         |         | 24.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 10                      | Pi/2 BPSK  | 1       | 1         |                       |         | 22.69  |         |         | 24.00                               | 0.0                      |

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| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3750                  | 3795    | 3840   | 3885    | 3930    |                                     |                          |
| Channel                 |            |         |           | 650000                | 653000  | 656000 | 659000  | 662000  |                                     |                          |
| 100                     | Pi/2 BPSK  | 1       | 1         | 26.56                 | 26.60   | 26.54  | 26.52   | 26.53   | 27.00                               | 0.0                      |
|                         |            | 1       | 137       | 26.40                 | 26.47   | 26.38  | 26.36   | 26.36   | 27.00                               | 0.0                      |
|                         |            | 1       | 271       | 26.44                 | 26.49   | 26.45  | 26.35   | 26.45   | 27.00                               | 0.0                      |
|                         |            | 135     | 0         | 26.00                 | 26.10   | 25.99  | 26.04   | 25.94   | 26.50                               | 0.5                      |
|                         |            | 135     | 69        | 26.48                 | 26.48   | 26.39  | 26.43   | 26.38   | 27.00                               | 0.0                      |
|                         |            | 135     | 138       | 25.97                 | 26.15   | 25.98  | 25.94   | 25.95   | 26.50                               | 0.5                      |
|                         |            | 270     | 0         | 26.10                 | 26.08   | 26.02  | 26.05   | 26.03   | 26.50                               | 0.5                      |
|                         | QPSK       | 1       | 1         | 26.45                 | 26.43   | 26.46  | 26.42   | 26.48   | 27.00                               | 0.0                      |
|                         |            | 1       | 137       | 26.46                 | 26.48   | 26.37  | 26.39   | 26.36   | 27.00                               | 0.0                      |
|                         |            | 1       | 271       | 26.50                 | 26.48   | 26.42  | 26.44   | 26.48   | 27.00                               | 0.0                      |
|                         |            | 135     | 0         | 25.39                 | 25.42   | 25.42  | 25.37   | 25.49   | 26.00                               | 1.0                      |
|                         |            | 135     | 69        | 26.39                 | 26.47   | 26.39  | 26.45   | 26.44   | 27.00                               | 0.0                      |
|                         |            | 135     | 138       | 25.44                 | 25.46   | 25.43  | 25.40   | 25.39   | 26.00                               | 1.0                      |
|                         |            | 270     | 0         | 25.40                 | 25.43   | 25.38  | 25.36   | 25.36   | 26.00                               | 1.0                      |
|                         | 16-QAM     | 1       | 1         | 25.44                 | 25.47   | 25.43  | 25.40   | 25.40   | 26.00                               | 1.0                      |
|                         | 64QAM      | 1       | 1         | 23.96                 | 24.03   | 23.84  | 23.89   | 23.88   | 24.50                               | 2.5                      |
|                         | 256-QAM    | 1       | 1         | 21.90                 | 22.04   | 21.94  | 21.82   | 21.87   | 22.50                               | 4.5                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3744.99               | 3792.51 | 3840   | 3887.49 | 3935.01 |                                     |                          |
| Channel                 |            |         |           | 649666                | 652834  | 656000 | 659166  | 662334  |                                     |                          |
| 90                      | Pi/2 BPSK  | 1       | 1         | 26.42                 | 26.44   | 26.46  | 26.47   | 26.41   | 27.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3740.01               | 3789.99 | 3840   | 3890.01 | 3939.99 |                                     |                          |
| Channel                 |            |         |           | 649334                | 652666  | 656000 | 659334  | 662666  |                                     |                          |
| 80                      | Pi/2 BPSK  | 1       | 1         | 26.42                 | 26.57   | 26.44  | 26.36   | 26.32   | 27.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3729.99               | 3785.01 | 3840   | 3894.99 | 3950.01 |                                     |                          |
| Channel                 |            |         |           | 648666                | 652334  | 656000 | 659666  | 663334  |                                     |                          |
| 60                      | Pi/2 BPSK  | 1       | 1         | 26.36                 | 26.48   | 26.35  | 26.36   | 26.38   | 27.00                               | 0.0                      |

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| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3725.01               | 3782.49 | 3840   | 3897.51 | 3954.99 |                                     |                          |
| Channel                 |            |         |           | 648334                | 652166  | 656000 | 659834  | 663666  |                                     |                          |
| 50                      | Pi/2 BPSK  | 1       | 1         | 26.45                 | 26.46   | 26.47  | 26.32   | 26.46   | 27.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3720                  | 3780    | 3840   | 3900    | 3960    |                                     |                          |
| Channel                 |            |         |           | 648000                | 652000  | 656000 | 660000  | 664000  |                                     |                          |
| 40                      | Pi/2 BPSK  | 1       | 1         | 26.44                 | 26.49   | 26.49  | 26.35   | 26.49   | 27.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3710.01               | 3774.99 | 3840   | 3903.99 | 3969.99 |                                     |                          |
| Channel                 |            |         |           | 647334                | 651666  | 656000 | 660266  | 664666  |                                     |                          |
| 20                      | Pi/2 BPSK  | 1       | 1         | 26.48                 | 26.54   | 26.39  | 26.34   | 26.34   | 27.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 15                      | Pi/2 BPSK  | 1       | 1         |                       |         | 26.42  |         |         | 27.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 10                      | Pi/2 BPSK  | 1       | 1         |                       |         | 26.39  |         |         | 27.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |  | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           |                       | 3499.995 |  |                                     |                          |
| Channel         |            |         |           |                       | 633333   |  |                                     |                          |
| 100             | Pi/2 BPSK  | 1       | 1         |                       | 22.77    |  | 24.00                               | 0.0                      |
|                 |            | 1       | 137       |                       | 22.70    |  | 24.00                               | 0.0                      |
|                 |            | 1       | 271       |                       | 22.68    |  | 24.00                               | 0.0                      |
|                 |            | 135     | 0         |                       | 22.25    |  | 23.50                               | 0.5                      |
|                 |            | 135     | 69        |                       | 22.71    |  | 24.00                               | 0.0                      |
|                 |            | 135     | 138       |                       | 22.30    |  | 23.50                               | 0.5                      |
|                 |            | 270     | 0         |                       | 22.28    |  | 23.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         |                       | 22.63    |  | 24.00                               | 0.0                      |
|                 |            | 1       | 137       |                       | 22.66    |  | 24.00                               | 0.0                      |
|                 |            | 1       | 271       |                       | 22.58    |  | 24.00                               | 0.0                      |
|                 |            | 135     | 0         |                       | 21.62    |  | 23.00                               | 1.0                      |
|                 |            | 135     | 69        |                       | 22.69    |  | 24.00                               | 0.0                      |
|                 |            | 135     | 138       |                       | 21.65    |  | 23.00                               | 1.0                      |
|                 |            | 270     | 0         |                       | 21.61    |  | 23.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         |                       | 21.65    |  | 23.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         |                       | 20.24    |  | 21.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         |                       | 18.16    |  | 19.50                               | 4.5                      |

## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3495                  | 3499.995 | 3504.99 |                                     |                          |
| Channel         |            |         |           | 633000                | 633333   | 633666  |                                     |                          |
| 90              | Pi/2 BPSK  | 1       | 1         | 22.72                 | 22.58    | 22.63   | 24.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3490.005              | 3499.995 | 3510   |                                     |                          |
| Channel         |            |         |           | 632667                | 633333   | 634000 |                                     |                          |
| 80              | Pi/2 BPSK  | 1       | 1         | 22.67                 | 22.41    | 22.53  | 24.00                               | 0.0                      |

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| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
|-------------------------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3480                  | 3499.995 | 3519.99  |                                     |                          |
| Channel                       |            |         |           | 632000                | 633333   | 634666   |                                     |                          |
| 60                            | Pi/2 BPSK  | 1       | 1         | 22.60                 | 22.44    | 22.55    | 24.00                               | 0.0                      |
| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3475.005              | 3499.995 | 3525     |                                     |                          |
| Channel                       |            |         |           | 631667                | 633333   | 635000   |                                     |                          |
| 50                            | Pi/2 BPSK  | 1       | 1         | 22.60                 | 22.51    | 22.54    | 24.00                               | 0.0                      |
| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3470.01               | 3499.995 | 3529.995 |                                     |                          |
| Channel                       |            |         |           | 631334                | 633333   | 635333   |                                     |                          |
| 40                            | Pi/2 BPSK  | 1       | 1         | 22.58                 | 22.48    | 22.55    | 24.00                               | 0.0                      |
| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3460.005              | 3499.995 | 3540     |                                     |                          |
| Channel                       |            |         |           | 630667                | 633333   | 636000   |                                     |                          |
| 20                            | Pi/2 BPSK  | 1       | 1         | 22.57                 | 22.41    | 22.55    | 24.00                               | 0.0                      |
| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3457.5                | 3499.995 | 3542.49  |                                     |                          |
| Channel                       |            |         |           | 630500                | 633333   | 636166   |                                     |                          |
| 15                            | Pi/2 BPSK  | 1       | 1         | 22.62                 | 22.43    | 22.51    | 24.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3455.01               | 3499.995 | 3544.995 |                                     |                          |
| Channel         |            |         |           | 630334                | 633333   | 636333   |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 22.68                 | 22.41    | 22.51    | 24.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC2\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |  | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           |                       | 3499.995 |  |                                     |                          |
| Channel         |            |         |           |                       | 633333   |  |                                     |                          |
| 100             | Pi/2 BPSK  | 1       | 1         |                       | 26.53    |  | 27.00                               | 0.0                      |
|                 |            | 1       | 137       |                       | 26.40    |  | 27.00                               | 0.0                      |
|                 |            | 1       | 271       |                       | 26.39    |  | 27.00                               | 0.0                      |
|                 |            | 135     | 0         |                       | 26.00    |  | 26.50                               | 0.5                      |
|                 |            | 135     | 69        |                       | 26.45    |  | 27.00                               | 0.0                      |
|                 |            | 135     | 138       |                       | 26.05    |  | 26.50                               | 0.5                      |
|                 |            | 270     | 0         |                       | 26.01    |  | 26.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         |                       | 26.44    |  | 27.00                               | 0.0                      |
|                 |            | 1       | 137       |                       | 26.42    |  | 27.00                               | 0.0                      |
|                 |            | 1       | 271       |                       | 26.45    |  | 27.00                               | 0.0                      |
|                 |            | 135     | 0         |                       | 25.37    |  | 26.00                               | 1.0                      |
|                 |            | 135     | 69        |                       | 26.40    |  | 27.00                               | 0.0                      |
|                 |            | 135     | 138       |                       | 25.41    |  | 26.00                               | 1.0                      |
|                 |            | 270     | 0         |                       | 25.37    |  | 26.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         |                       | 25.41    |  | 26.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         |                       | 23.93    |  | 24.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         |                       | 21.91    |  | 22.50                               | 4.5                      |

## 5G NR n77 &amp; n78\_PC2\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3495                  | 3499.995 | 3504.99 |                                     |                          |
| Channel         |            |         |           | 633000                | 633333   | 633666  |                                     |                          |
| 90              | Pi/2 BPSK  | 1       | 1         | 26.44                 | 26.51    | 26.49   | 27.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC2\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3490.005              | 3499.995 | 3510   |                                     |                          |
| Channel         |            |         |           | 632667                | 633333   | 634000 |                                     |                          |
| 80              | Pi/2 BPSK  | 1       | 1         | 26.30                 | 26.40    | 26.39  | 27.00                               | 0.0                      |

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|-------------------------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3480                  | 3499.995 | 3519.99  |                                     |                          |
| Channel                       |            |         |           | 632000                | 633333   | 634666   |                                     |                          |
| 60                            | Pi/2 BPSK  | 1       | 1         | 26.33                 | 26.40    | 26.35    | 27.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3475.005              | 3499.995 | 3525     |                                     |                          |
| Channel                       |            |         |           | 631667                | 633333   | 635000   |                                     |                          |
| 50                            | Pi/2 BPSK  | 1       | 1         | 26.32                 | 26.41    | 26.42    | 27.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3470.01               | 3499.995 | 3529.995 |                                     |                          |
| Channel                       |            |         |           | 631334                | 633333   | 635333   |                                     |                          |
| 40                            | Pi/2 BPSK  | 1       | 1         | 26.26                 | 26.45    | 26.38    | 27.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3460.005              | 3499.995 | 3540     |                                     |                          |
| Channel                       |            |         |           | 630667                | 633333   | 636000   |                                     |                          |
| 20                            | Pi/2 BPSK  | 1       | 1         | 26.37                 | 26.35    | 26.36    | 27.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3457.5                | 3499.995 | 3542.49  |                                     |                          |
| Channel                       |            |         |           | 630500                | 633333   | 636166   |                                     |                          |
| 15                            | Pi/2 BPSK  | 1       | 1         | 26.33                 | 26.40    | 26.44    | 27.00                               | 0.0                      |

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| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3455.01               | 3499.995 | 3544.995 |                                     |                          |
| Channel         |            |         |           | 630334                | 633333   | 636333   |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 26.27                 | 26.35    | 26.37    | 27.00                               | 0.0                      |

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| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2546.01               | 2592.99 | 2640    |                                     |                          |
| Channel             |            |         |           | 509202                | 518598  | 528000  |                                     |                          |
| 100                 | Pi/2 BPSK  | 1       | 1         | 15.34                 | 15.17   | 14.76   | 15.50                               | 0.0                      |
|                     |            | 1       | 137       | 15.23                 | 15.06   | 14.71   | 15.50                               | 0.0                      |
|                     |            | 1       | 271       | 15.25                 | 15.03   | 14.67   | 15.50                               | 0.0                      |
|                     |            | 135     | 0         | 14.82                 | 14.56   | 14.15   | 15.00                               | 0.5                      |
|                     |            | 135     | 69        | 15.29                 | 15.08   | 14.65   | 15.50                               | 0.0                      |
|                     |            | 135     | 138       | 14.82                 | 14.67   | 14.25   | 15.00                               | 0.5                      |
|                     |            | 270     | 0         | 14.77                 | 14.62   | 14.18   | 15.00                               | 0.5                      |
|                     | QPSK       | 1       | 1         | 15.25                 | 15.08   | 14.68   | 15.50                               | 0.0                      |
|                     |            | 1       | 137       | 15.22                 | 15.05   | 14.59   | 15.50                               | 0.0                      |
|                     |            | 1       | 271       | 15.14                 | 15.03   | 14.65   | 15.50                               | 0.0                      |
|                     |            | 135     | 0         | 14.20                 | 13.98   | 13.65   | 14.50                               | 1.0                      |
|                     |            | 135     | 69        | 15.16                 | 15.03   | 14.65   | 15.50                               | 0.0                      |
|                     |            | 135     | 138       | 14.22                 | 14.03   | 13.65   | 14.50                               | 1.0                      |
|                     |            | 270     | 0         | 14.18                 | 14.00   | 13.60   | 14.50                               | 1.0                      |
|                     | 16-QAM     | 1       | 1         | 14.22                 | 14.04   | 13.65   | 14.50                               | 1.0                      |
|                     | 64QAM      | 1       | 1         | 12.78                 | 12.57   | 12.13   | 13.00                               | 2.5                      |
|                     | 256-QAM    | 1       | 1         | 10.77                 | 10.51   | 10.17   | 11.00                               | 4.5                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2541                  | 2592.99 | 2644.98 |                                     |                          |
| Channel             |            |         |           | 508200                | 518598  | 528996  |                                     |                          |
| 90                  | Pi/2 BPSK  | 1       | 1         | 15.26                 | 15.04   | 14.64   | 15.50                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2536.02               | 2592.99 | 2649.99 |                                     |                          |
| Channel             |            |         |           | 507204                | 518598  | 529998  |                                     |                          |
| 80                  | Pi/2 BPSK  | 1       | 1         | 15.16                 | 15.02   | 14.63   | 15.50                               | 0.0                      |

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| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2531.01               | 2592.99 | 2655    |                                     |                          |
| Channel             |            |         |           | 506202                | 518598  | 531000  |                                     |                          |
| 70                  | Pi/2 BPSK  | 1       | 1         | 15.25                 | 15.01   | 14.66   | 15.50                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2526                  | 2592.99 | 2659.98 |                                     |                          |
| Channel             |            |         |           | 505200                | 518598  | 531996  |                                     |                          |
| 60                  | Pi/2 BPSK  | 1       | 1         | 15.22                 | 15.02   | 14.62   | 15.50                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2521.02               | 2592.99 | 2664.99 |                                     |                          |
| Channel             |            |         |           | 504204                | 518598  | 532998  |                                     |                          |
| 50                  | Pi/2 BPSK  | 1       | 1         | 15.23                 | 15.11   | 14.68   | 15.50                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2518.5                | 2592.99 | 2667.48 |                                     |                          |
| Channel             |            |         |           | 503700                | 518598  | 533496  |                                     |                          |
| 45                  | Pi/2 BPSK  | 1       | 1         | 15.21                 | 14.98   | 14.68   | 15.50                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2516.01               | 2592.99 | 2670    |                                     |                          |
| Channel             |            |         |           | 503202                | 518598  | 534000  |                                     |                          |
| 40                  | Pi/2 BPSK  | 1       | 1         | 15.18                 | 15.03   | 14.61   | 15.50                               | 0.0                      |

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| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2513.52               | 2592.99 | 2672.49 |                                     |                          |
| Channel             |            |         |           | 502704                | 518598  | 534498  |                                     |                          |
| 35                  | Pi/2 BPSK  | 1       | 1         | 15.17                 | 15.03   | 14.65   | 15.50                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2511                  | 2592.99 | 2674.98 |                                     |                          |
| Channel             |            |         |           | 502200                | 518598  | 534996  |                                     |                          |
| 30                  | Pi/2 BPSK  | 1       | 1         | 15.17                 | 15.08   | 14.56   | 15.50                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2508.51               | 2592.99 | 2677.5  |                                     |                          |
| Channel             |            |         |           | 501702                | 518598  | 535500  |                                     |                          |
| 25                  | Pi/2 BPSK  | 1       | 1         | 15.21                 | 15.00   | 14.65   | 15.50                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2506.02               | 2592.99 | 2679.99 |                                     |                          |
| Channel             |            |         |           | 501204                | 518598  | 535998  |                                     |                          |
| 20                  | Pi/2 BPSK  | 1       | 1         | 15.20                 | 15.01   | 14.59   | 15.50                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2503.5                | 2592.99 | 2682.48 |                                     |                          |
| Channel             |            |         |           | 500700                | 518598  | 536496  |                                     |                          |
| 15                  | Pi/2 BPSK  | 1       | 1         | 15.17                 | 15.03   | 14.58   | 15.50                               | 0.0                      |

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## 5G NR n41\_PC3\_30kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|---------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99 | 2685   |                                     |                          |
| Channel         |            |         |           | 500202                | 518598  | 537000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 15.29                 | 15.11   | 14.71  | 15.50                               | 0.0                      |

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| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3570                  | 3625.02 | 3679.98 |                                     |                          |
| Channel         |            |         |           | 638000                | 641668  | 645332  |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 14.45                 | 14.41   | 14.30   | 14.50                               | 0.0                      |
|                 |            | 1       | 53        | 14.31                 | 14.30   | 14.23   | 14.50                               | 0.0                      |
|                 |            | 1       | 104       | 14.30                 | 14.23   | 14.24   | 14.50                               | 0.0                      |
|                 |            | 50      | 0         | 13.94                 | 13.91   | 13.74   | 14.00                               | 0.5                      |
|                 |            | 50      | 28        | 14.29                 | 14.31   | 14.24   | 14.50                               | 0.0                      |
|                 |            | 50      | 56        | 13.84                 | 13.90   | 13.83   | 14.00                               | 0.5                      |
|                 |            | 100     | 0         | 13.94                 | 13.92   | 13.74   | 14.00                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 14.39                 | 14.28   | 14.19   | 14.50                               | 0.0                      |
|                 |            | 1       | 53        | 14.33                 | 14.32   | 14.14   | 14.50                               | 0.0                      |
|                 |            | 1       | 104       | 14.39                 | 14.27   | 14.11   | 14.50                               | 0.0                      |
|                 |            | 50      | 0         | 13.27                 | 13.28   | 13.20   | 13.50                               | 1.0                      |
|                 |            | 50      | 28        | 14.36                 | 14.34   | 14.24   | 14.50                               | 0.0                      |
|                 |            | 50      | 56        | 13.33                 | 13.27   | 13.19   | 13.50                               | 1.0                      |
|                 |            | 100     | 0         | 13.29                 | 13.24   | 13.14   | 13.50                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 13.33                 | 13.28   | 13.19   | 13.50                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 11.77                 | 11.78   | 11.65   | 12.00                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 9.87                  | 9.81    | 9.69    | 10.00                               | 4.5                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3565.02               | 3625.02 | 3684.99 |                                     |                          |
| Channel         |            |         |           | 637668                | 641668  | 645666  |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 14.36                 | 14.29   | 14.26   | 14.50                               | 0.0                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3560.01               | 3625.02 | 3690    |                                     |                          |
| Channel         |            |         |           | 637334                | 641668  | 646000  |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 14.31                 | 14.25   | 14.09   | 14.50                               | 0.0                      |

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| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3557.52               | 3625.02 | 3692.49 |                                     |                          |
| Channel         |            |         |           | 637168                | 641668  | 646166  |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 14.31                 | 14.31   | 14.19   | 14.50                               | 0.0                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3555                  | 3625.02 | 3694.98 |                                     |                          |
| Channel         |            |         |           | 637000                | 641668  | 646332  |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 14.34                 | 14.34   | 14.16   | 14.50                               | 0.0                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3552.51               | 3625.02 | 3697.5  |                                     |                          |
| Channel         |            |         |           | 636834                | 641668  | 646500  |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 14.32                 | 14.28   | 14.18   | 14.50                               | 0.0                      |

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|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3750                  | 3795    | 3840   | 3885    | 3930    |                                     |                          |
| Channel                 |            |         |           | 650000                | 653000  | 656000 | 659000  | 662000  |                                     |                          |
| 100                     | Pi/2 BPSK  | 1       | 1         | 13.97                 | 13.84   | 13.72  | 13.53   | 13.46   | 14.00                               | 0.0                      |
|                         |            | 1       | 137       | 13.86                 | 13.67   | 13.62  | 13.38   | 13.31   | 14.00                               | 0.0                      |
|                         |            | 1       | 271       | 13.82                 | 13.78   | 13.60  | 13.35   | 13.37   | 14.00                               | 0.0                      |
|                         |            | 135     | 0         | 13.47                 | 13.34   | 13.27  | 12.98   | 12.86   | 13.50                               | 0.5                      |
|                         |            | 135     | 69        | 13.88                 | 13.72   | 13.62  | 13.42   | 13.39   | 14.00                               | 0.0                      |
|                         |            | 135     | 138       | 13.43                 | 13.30   | 13.18  | 13.06   | 12.90   | 13.50                               | 0.5                      |
|                         |            | 270     | 0         | 13.47                 | 13.34   | 13.19  | 13.00   | 12.96   | 13.50                               | 0.5                      |
|                         | QPSK       | 1       | 1         | 13.84                 | 13.73   | 13.58  | 13.40   | 13.35   | 14.00                               | 0.0                      |
|                         |            | 1       | 137       | 13.81                 | 13.68   | 13.62  | 13.48   | 13.38   | 14.00                               | 0.0                      |
|                         |            | 1       | 271       | 13.82                 | 13.71   | 13.56  | 13.45   | 13.40   | 14.00                               | 0.0                      |
|                         |            | 135     | 0         | 12.89                 | 12.69   | 12.61  | 12.38   | 12.34   | 13.00                               | 1.0                      |
|                         |            | 135     | 69        | 13.81                 | 13.75   | 13.63  | 13.34   | 13.29   | 14.00                               | 0.0                      |
|                         |            | 135     | 138       | 12.85                 | 12.70   | 12.61  | 12.41   | 12.32   | 13.00                               | 1.0                      |
|                         |            | 270     | 0         | 12.81                 | 12.67   | 12.56  | 12.37   | 12.29   | 13.00                               | 1.0                      |
|                         | 16-QAM     | 1       | 1         | 12.85                 | 12.71   | 12.61  | 12.41   | 12.33   | 13.00                               | 1.0                      |
|                         | 64QAM      | 1       | 1         | 11.38                 | 11.24   | 11.09  | 10.91   | 10.80   | 11.50                               | 2.5                      |
|                         | 256-QAM    | 1       | 1         | 9.36                  | 9.22    | 9.09   | 8.91    | 8.92    | 9.50                                | 4.5                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3744.99               | 3792.51 | 3840   | 3887.49 | 3935.01 |                                     |                          |
| Channel                 |            |         |           | 649666                | 652834  | 656000 | 659166  | 662334  |                                     |                          |
| 90                      | Pi/2 BPSK  | 1       | 1         | 13.88                 | 13.73   | 13.60  | 13.46   | 13.30   | 14.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3740.01               | 3789.99 | 3840   | 3890.01 | 3939.99 |                                     |                          |
| Channel                 |            |         |           | 649334                | 652666  | 656000 | 659334  | 662666  |                                     |                          |
| 80                      | Pi/2 BPSK  | 1       | 1         | 13.90                 | 13.75   | 13.63  | 13.35   | 13.38   | 14.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3729.99               | 3785.01 | 3840   | 3894.99 | 3950.01 |                                     |                          |
| Channel                 |            |         |           | 648666                | 652334  | 656000 | 659666  | 663334  |                                     |                          |
| 60                      | Pi/2 BPSK  | 1       | 1         | 13.92                 | 13.81   | 13.57  | 13.38   | 13.30   | 14.00                               | 0.0                      |

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| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3725.01               | 3782.49 | 3840   | 3897.51 | 3954.99 |                                     |                          |
| Channel                 |            |         |           | 648334                | 652166  | 656000 | 659834  | 663666  |                                     |                          |
| 50                      | Pi/2 BPSK  | 1       | 1         | 13.92                 | 13.68   | 13.56  | 13.36   | 13.39   | 14.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3720                  | 3780    | 3840   | 3900    | 3960    |                                     |                          |
| Channel                 |            |         |           | 648000                | 652000  | 656000 | 660000  | 664000  |                                     |                          |
| 40                      | Pi/2 BPSK  | 1       | 1         | 13.82                 | 13.65   | 13.56  | 13.36   | 13.28   | 14.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3710.01               | 3774.99 | 3840   | 3903.99 | 3969.99 |                                     |                          |
| Channel                 |            |         |           | 647334                | 651666  | 656000 | 660266  | 664666  |                                     |                          |
| 20                      | Pi/2 BPSK  | 1       | 1         | 13.88                 | 13.68   | 13.56  | 13.39   | 13.42   | 14.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 15                      | Pi/2 BPSK  | 1       | 1         |                       |         | 13.53  |         |         | 14.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 10                      | Pi/2 BPSK  | 1       | 1         |                       |         | 13.60  |         |         | 14.00                               | 0.0                      |

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| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3750                  | 3795    | 3840   | 3885    | 3930    |                                     |                          |
| Channel                 |            |         |           | 650000                | 653000  | 656000 | 659000  | 662000  |                                     |                          |
| 100                     | Pi/2 BPSK  | 1       | 1         | 13.94                 | 13.85   | 13.70  | 13.50   | 13.42   | 14.00                               | 0.0                      |
|                         |            | 1       | 137       | 13.73                 | 13.76   | 13.54  | 13.32   | 13.22   | 14.00                               | 0.0                      |
|                         |            | 1       | 271       | 13.85                 | 13.71   | 13.59  | 13.40   | 13.25   | 14.00                               | 0.0                      |
|                         |            | 135     | 0         | 13.48                 | 13.27   | 13.18  | 13.01   | 12.85   | 13.50                               | 0.5                      |
|                         |            | 135     | 69        | 13.80                 | 13.73   | 13.53  | 13.39   | 13.32   | 14.00                               | 0.0                      |
|                         |            | 135     | 138       | 13.40                 | 13.30   | 13.15  | 12.98   | 12.89   | 13.50                               | 0.5                      |
|                         |            | 270     | 0         | 13.36                 | 13.41   | 13.19  | 13.01   | 12.87   | 13.50                               | 0.5                      |
|                         | QPSK       | 1       | 1         | 13.84                 | 13.77   | 13.58  | 13.46   | 13.21   | 14.00                               | 0.0                      |
|                         |            | 1       | 137       | 13.86                 | 13.70   | 13.49  | 13.43   | 13.35   | 14.00                               | 0.0                      |
|                         |            | 1       | 271       | 13.84                 | 13.78   | 13.55  | 13.37   | 13.30   | 14.00                               | 0.0                      |
|                         |            | 135     | 0         | 12.80                 | 12.72   | 12.61  | 12.41   | 12.31   | 13.00                               | 1.0                      |
|                         |            | 135     | 69        | 13.79                 | 13.75   | 13.58  | 13.30   | 13.31   | 14.00                               | 0.0                      |
|                         |            | 135     | 138       | 12.82                 | 12.71   | 12.59  | 12.38   | 12.28   | 13.00                               | 1.0                      |
|                         |            | 270     | 0         | 12.78                 | 12.68   | 12.54  | 12.34   | 12.25   | 13.00                               | 1.0                      |
|                         | 16-QAM     | 1       | 1         | 12.82                 | 12.72   | 12.59  | 12.38   | 12.29   | 13.00                               | 1.0                      |
|                         | 64QAM      | 1       | 1         | 11.30                 | 11.28   | 11.08  | 10.87   | 10.81   | 11.50                               | 2.5                      |
|                         | 256-QAM    | 1       | 1         | 9.32                  | 9.23    | 9.08   | 8.88    | 8.83    | 9.50                                | 4.5                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3744.99               | 3792.51 | 3840   | 3887.49 | 3935.01 |                                     |                          |
| Channel                 |            |         |           | 649666                | 652834  | 656000 | 659166  | 662334  |                                     |                          |
| 90                      | Pi/2 BPSK  | 1       | 1         | 13.81                 | 13.69   | 13.63  | 13.34   | 13.30   | 14.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3740.01               | 3789.99 | 3840   | 3890.01 | 3939.99 |                                     |                          |
| Channel                 |            |         |           | 649334                | 652666  | 656000 | 659334  | 662666  |                                     |                          |
| 80                      | Pi/2 BPSK  | 1       | 1         | 13.88                 | 13.74   | 13.53  | 13.36   | 13.24   | 14.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3729.99               | 3785.01 | 3840   | 3894.99 | 3950.01 |                                     |                          |
| Channel                 |            |         |           | 648666                | 652334  | 656000 | 659666  | 663334  |                                     |                          |
| 60                      | Pi/2 BPSK  | 1       | 1         | 13.83                 | 13.72   | 13.61  | 13.41   | 13.32   | 14.00                               | 0.0                      |

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| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3725.01               | 3782.49 | 3840   | 3897.51 | 3954.99 |                                     |                          |
| Channel                 |            |         |           | 648334                | 652166  | 656000 | 659834  | 663666  |                                     |                          |
| 50                      | Pi/2 BPSK  | 1       | 1         | 13.87                 | 13.71   | 13.57  | 13.38   | 13.32   | 14.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3720                  | 3780    | 3840   | 3900    | 3960    |                                     |                          |
| Channel                 |            |         |           | 648000                | 652000  | 656000 | 660000  | 664000  |                                     |                          |
| 40                      | Pi/2 BPSK  | 1       | 1         | 13.87                 | 13.73   | 13.63  | 13.31   | 13.23   | 14.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3710.01               | 3774.99 | 3840   | 3903.99 | 3969.99 |                                     |                          |
| Channel                 |            |         |           | 647334                | 651666  | 656000 | 660266  | 664666  |                                     |                          |
| 20                      | Pi/2 BPSK  | 1       | 1         | 13.86                 | 13.68   | 13.58  | 13.43   | 13.26   | 14.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 15                      | Pi/2 BPSK  | 1       | 1         |                       |         | 13.57  |         |         | 14.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 10                      | Pi/2 BPSK  | 1       | 1         |                       |         | 13.66  |         |         | 14.00                               | 0.0                      |

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|-------------------------------|------------|---------|-----------|-----------------------|----------|---------|-------------------------------------|--------------------------|
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           |                       | 3499.995 |         |                                     |                          |
| Channel                       |            |         |           |                       | 633333   |         |                                     |                          |
| 100                           | Pi/2 BPSK  | 1       | 1         |                       | 13.94    |         | 14.00                               | 0.0                      |
|                               |            | 1       | 137       |                       | 13.85    |         | 14.00                               | 0.0                      |
|                               |            | 1       | 271       |                       | 13.86    |         | 14.00                               | 0.0                      |
|                               |            | 135     | 0         |                       | 13.48    |         | 13.50                               | 0.5                      |
|                               |            | 135     | 69        |                       | 13.83    |         | 14.00                               | 0.0                      |
|                               |            | 135     | 138       |                       | 13.35    |         | 13.50                               | 0.5                      |
|                               |            | 270     | 0         |                       | 13.44    |         | 13.50                               | 0.5                      |
|                               | QPSK       | 1       | 1         |                       | 13.83    |         | 14.00                               | 0.0                      |
|                               |            | 1       | 137       |                       | 13.79    |         | 14.00                               | 0.0                      |
|                               |            | 1       | 271       |                       | 13.75    |         | 14.00                               | 0.0                      |
|                               |            | 135     | 0         |                       | 12.84    |         | 13.00                               | 1.0                      |
|                               |            | 135     | 69        |                       | 13.77    |         | 14.00                               | 0.0                      |
|                               |            | 135     | 138       |                       | 12.80    |         | 13.00                               | 1.0                      |
|                               |            | 270     | 0         |                       | 12.77    |         | 13.00                               | 1.0                      |
|                               | 16-QAM     | 1       | 1         |                       | 12.81    |         | 13.00                               | 1.0                      |
|                               | 64QAM      | 1       | 1         |                       | 11.35    |         | 11.50                               | 2.5                      |
|                               | 256-QAM    | 1       | 1         |                       | 9.28     |         | 9.50                                | 4.5                      |
| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |         |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3495                  | 3499.995 | 3504.99 |                                     |                          |
| Channel                       |            |         |           | 633000                | 633333   | 633666  |                                     |                          |
| 90                            | Pi/2 BPSK  | 1       | 1         | 13.83                 | 13.86    | 13.77   | 14.00                               | 0.0                      |
| 5G NR n77 & n78_PC3_30kHz_FCC |            |         |           |                       |          |         |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3490.005              | 3499.995 | 3510    |                                     |                          |
| Channel                       |            |         |           | 632667                | 633333   | 634000  |                                     |                          |
| 80                            | Pi/2 BPSK  | 1       | 1         | 13.83                 | 13.84    | 13.86   | 14.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3480                  | 3499.995 | 3519.99 |                                     |                          |
| Channel         |            |         |           | 632000                | 633333   | 634666  |                                     |                          |
| 60              | Pi/2 BPSK  | 1       | 1         | 13.77                 | 13.86    | 13.61   | 14.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3475.005              | 3499.995 | 3525   |                                     |                          |
| Channel         |            |         |           | 631667                | 633333   | 635000 |                                     |                          |
| 50              | Pi/2 BPSK  | 1       | 1         | 13.81                 | 13.82    | 13.62  | 14.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3470.01               | 3499.995 | 3529.995 |                                     |                          |
| Channel         |            |         |           | 631334                | 633333   | 635333   |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 13.81                 | 13.86    | 13.60    | 14.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3460.005              | 3499.995 | 3540   |                                     |                          |
| Channel         |            |         |           | 630667                | 633333   | 636000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 13.86                 | 13.83    | 13.58  | 14.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3457.5                | 3499.995 | 3542.49 |                                     |                          |
| Channel         |            |         |           | 630500                | 633333   | 636166  |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 13.76                 | 13.87    | 13.62   | 14.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3455.01               | 3499.995 | 3544.995 |                                     |                          |
| Channel         |            |         |           | 630334                | 633333   | 636333   |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 13.85                 | 13.86    | 13.55    | 14.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC2\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |  | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           |                       | 3499.995 |  |                                     |                          |
| Channel         |            |         |           |                       | 633333   |  |                                     |                          |
| 100             | Pi/2 BPSK  | 1       | 1         |                       | 13.96    |  | 14.00                               | 0.0                      |
|                 |            | 1       | 137       |                       | 13.76    |  | 14.00                               | 0.0                      |
|                 |            | 1       | 271       |                       | 13.84    |  | 14.00                               | 0.0                      |
|                 |            | 135     | 0         |                       | 13.44    |  | 13.50                               | 0.5                      |
|                 |            | 135     | 69        |                       | 13.79    |  | 14.00                               | 0.0                      |
|                 |            | 135     | 138       |                       | 13.44    |  | 13.50                               | 0.5                      |
|                 |            | 270     | 0         |                       | 13.47    |  | 13.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         |                       | 13.83    |  | 14.00                               | 0.0                      |
|                 |            | 1       | 137       |                       | 13.80    |  | 14.00                               | 0.0                      |
|                 |            | 1       | 271       |                       | 13.80    |  | 14.00                               | 0.0                      |
|                 |            | 135     | 0         |                       | 12.83    |  | 13.00                               | 1.0                      |
|                 |            | 135     | 69        |                       | 13.80    |  | 14.00                               | 0.0                      |
|                 |            | 135     | 138       |                       | 12.82    |  | 13.00                               | 1.0                      |
|                 |            | 270     | 0         |                       | 12.79    |  | 13.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         |                       | 12.83    |  | 13.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         |                       | 11.31    |  | 11.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         |                       | 9.26     |  | 9.50                                | 4.5                      |

## 5G NR n77 &amp; n78\_PC2\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3495                  | 3499.995 | 3504.99 |                                     |                          |
| Channel         |            |         |           | 633000                | 633333   | 633666  |                                     |                          |
| 90              | Pi/2 BPSK  | 1       | 1         | 13.87                 | 13.87    | 13.62   | 14.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC2\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3490.005              | 3499.995 | 3510   |                                     |                          |
| Channel         |            |         |           | 632667                | 633333   | 634000 |                                     |                          |
| 80              | Pi/2 BPSK  | 1       | 1         | 13.75                 | 13.78    | 13.63  | 14.00                               | 0.0                      |

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| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
|-------------------------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3480                  | 3499.995 | 3519.99  |                                     |                          |
| Channel                       |            |         |           | 632000                | 633333   | 634666   |                                     |                          |
| 60                            | Pi/2 BPSK  | 1       | 1         | 13.80                 | 13.85    | 13.60    | 14.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3475.005              | 3499.995 | 3525     |                                     |                          |
| Channel                       |            |         |           | 631667                | 633333   | 635000   |                                     |                          |
| 50                            | Pi/2 BPSK  | 1       | 1         | 13.77                 | 13.78    | 13.51    | 14.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3470.01               | 3499.995 | 3529.995 |                                     |                          |
| Channel                       |            |         |           | 631334                | 633333   | 635333   |                                     |                          |
| 40                            | Pi/2 BPSK  | 1       | 1         | 13.75                 | 13.77    | 13.57    | 14.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3460.005              | 3499.995 | 3540     |                                     |                          |
| Channel                       |            |         |           | 630667                | 633333   | 636000   |                                     |                          |
| 20                            | Pi/2 BPSK  | 1       | 1         | 13.79                 | 13.81    | 13.59    | 14.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3457.5                | 3499.995 | 3542.49  |                                     |                          |
| Channel                       |            |         |           | 630500                | 633333   | 636166   |                                     |                          |
| 15                            | Pi/2 BPSK  | 1       | 1         | 13.75                 | 13.79    | 13.62    | 14.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC2\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3455.01               | 3499.995 | 3544.995 |                                     |                          |
| Channel         |            |         |           | 630334                | 633333   | 636333   |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 13.85                 | 13.78    | 13.56    | 14.00                               | 0.0                      |

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## Ant8

## 5G NR n38\_30kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|--------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 2590.02               | 2595   | 2599.98 |                                     |                          |
| Channel         |            |         |           | 518004                | 519000 | 519996  |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 17.30                 | 17.40  | 17.39   | 18.00                               | 0.0                      |
|                 |            | 1       | 53        | 17.18                 | 17.35  | 17.23   | 18.00                               | 0.0                      |
|                 |            | 1       | 104       | 17.09                 | 17.25  | 17.25   | 18.00                               | 0.0                      |
|                 |            | 50      | 0         | 16.74                 | 16.81  | 16.81   | 17.50                               | 0.5                      |
|                 |            | 50      | 28        | 17.13                 | 17.30  | 17.27   | 18.00                               | 0.0                      |
|                 |            | 50      | 56        | 16.76                 | 16.92  | 16.90   | 17.50                               | 0.5                      |
|                 |            | 100     | 0         | 16.78                 | 16.87  | 16.79   | 17.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 17.22                 | 17.28  | 17.34   | 18.00                               | 0.0                      |
|                 |            | 1       | 53        | 17.23                 | 17.26  | 17.27   | 18.00                               | 0.0                      |
|                 |            | 1       | 104       | 17.23                 | 17.24  | 17.22   | 18.00                               | 0.0                      |
|                 |            | 50      | 0         | 16.21                 | 16.27  | 16.24   | 17.00                               | 1.0                      |
|                 |            | 50      | 28        | 17.20                 | 17.27  | 17.27   | 18.00                               | 0.0                      |
|                 |            | 50      | 56        | 16.18                 | 16.26  | 16.28   | 17.00                               | 1.0                      |
|                 |            | 100     | 0         | 16.14                 | 16.23  | 16.23   | 17.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 16.18                 | 16.27  | 16.28   | 17.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 14.69                 | 14.74  | 14.71   | 15.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 12.70                 | 12.73  | 12.70   | 13.50                               | 4.5                      |

## 5G NR n38\_30kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|--------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 2585.01               | 2595   | 2604.99 |                                     |                          |
| Channel         |            |         |           | 517002                | 519000 | 520998  |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 17.19                 | 17.26  | 17.26   | 18.00                               | 0.0                      |

## 5G NR n38\_30kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|--------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 2582.52               | 2595   | 2607.48 |                                     |                          |
| Channel         |            |         |           | 516504                | 519000 | 521496  |                                     |                          |
| 25              | Pi/2 BPSK  | 1       | 1         | 17.24                 | 17.29  | 17.23   | 18.00                               | 0.0                      |

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| 5G NR n38_30kHz |            |         |           |                       |        |         |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|--------|---------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2580                  | 2595   | 2610    |                                     |                          |
| Channel         |            |         |           | 516000                | 519000 | 522000  |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 17.14                 | 17.30  | 17.28   | 18.00                               | 0.0                      |
| 5G NR n38_30kHz |            |         |           |                       |        |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2577.51               | 2595   | 2612.49 |                                     |                          |
| Channel         |            |         |           | 515502                | 519000 | 522498  |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 17.20                 | 17.28  | 17.36   | 18.00                               | 0.0                      |
| 5G NR n38_30kHz |            |         |           |                       |        |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |        |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 2575.02               | 2595   | 2614.98 |                                     |                          |
| Channel         |            |         |           | 515004                | 519000 | 522996  |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 17.12                 | 17.22  | 17.26   | 18.00                               | 0.0                      |

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| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2546.01               | 2592.99 | 2640    |                                     |                          |
| Channel             |            |         |           | 509202                | 518598  | 528000  |                                     |                          |
| 100                 | Pi/2 BPSK  | 1       | 1         | 16.26                 | 16.30   | 16.02   | 17.00                               | 0.0                      |
|                     |            | 1       | 137       | 16.11                 | 16.15   | 15.84   | 17.00                               | 0.0                      |
|                     |            | 1       | 271       | 16.09                 | 16.13   | 15.87   | 17.00                               | 0.0                      |
|                     |            | 135     | 0         | 15.70                 | 15.76   | 15.55   | 16.50                               | 0.5                      |
|                     |            | 135     | 69        | 16.15                 | 16.21   | 15.86   | 17.00                               | 0.0                      |
|                     |            | 135     | 138       | 15.75                 | 15.73   | 15.54   | 16.50                               | 0.5                      |
|                     |            | 270     | 0         | 15.70                 | 15.76   | 15.58   | 16.50                               | 0.5                      |
|                     | QPSK       | 1       | 1         | 16.11                 | 16.20   | 15.87   | 17.00                               | 0.0                      |
|                     |            | 1       | 137       | 16.06                 | 16.18   | 15.95   | 17.00                               | 0.0                      |
|                     |            | 1       | 271       | 16.11                 | 16.22   | 15.90   | 17.00                               | 0.0                      |
|                     |            | 135     | 0         | 15.11                 | 15.18   | 14.88   | 16.00                               | 1.0                      |
|                     |            | 135     | 69        | 16.10                 | 16.18   | 15.89   | 17.00                               | 0.0                      |
|                     |            | 135     | 138       | 15.14                 | 15.16   | 14.91   | 16.00                               | 1.0                      |
|                     |            | 270     | 0         | 15.10                 | 15.13   | 14.86   | 16.00                               | 1.0                      |
|                     | 16-QAM     | 1       | 1         | 15.14                 | 15.17   | 14.91   | 16.00                               | 1.0                      |
|                     | 64QAM      | 1       | 1         | 13.69                 | 13.71   | 13.40   | 14.50                               | 2.5                      |
|                     | 256-QAM    | 1       | 1         | 11.63                 | 11.72   | 11.40   | 12.50                               | 4.5                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2541                  | 2592.99 | 2644.98 |                                     |                          |
| Channel             |            |         |           | 508200                | 518598  | 528996  |                                     |                          |
| 90                  | Pi/2 BPSK  | 1       | 1         | 16.08                 | 16.09   | 15.89   | 17.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2536.02               | 2592.99 | 2649.99 |                                     |                          |
| Channel             |            |         |           | 507204                | 518598  | 529998  |                                     |                          |
| 80                  | Pi/2 BPSK  | 1       | 1         | 16.14                 | 16.13   | 15.88   | 17.00                               | 0.0                      |

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| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2531.01               | 2592.99 | 2655    |                                     |                          |
| Channel             |            |         |           | 506202                | 518598  | 531000  |                                     |                          |
| 70                  | Pi/2 BPSK  | 1       | 1         | 16.17                 | 16.21   | 15.85   | 17.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2526                  | 2592.99 | 2659.98 |                                     |                          |
| Channel             |            |         |           | 505200                | 518598  | 531996  |                                     |                          |
| 60                  | Pi/2 BPSK  | 1       | 1         | 16.19                 | 16.14   | 15.95   | 17.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2521.02               | 2592.99 | 2664.99 |                                     |                          |
| Channel             |            |         |           | 504204                | 518598  | 532998  |                                     |                          |
| 50                  | Pi/2 BPSK  | 1       | 1         | 16.11                 | 16.18   | 15.92   | 17.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2518.5                | 2592.99 | 2667.48 |                                     |                          |
| Channel             |            |         |           | 503700                | 518598  | 533496  |                                     |                          |
| 45                  | Pi/2 BPSK  | 1       | 1         | 16.11                 | 16.12   | 15.86   | 17.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2516.01               | 2592.99 | 2670    |                                     |                          |
| Channel             |            |         |           | 503202                | 518598  | 534000  |                                     |                          |
| 40                  | Pi/2 BPSK  | 1       | 1         | 16.15                 | 16.12   | 15.89   | 17.00                               | 0.0                      |

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| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2513.52               | 2592.99 | 2672.49 |                                     |                          |
| Channel             |            |         |           | 502704                | 518598  | 534498  |                                     |                          |
| 35                  | Pi/2 BPSK  | 1       | 1         | 16.17                 | 16.20   | 15.96   | 17.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2511                  | 2592.99 | 2674.98 |                                     |                          |
| Channel             |            |         |           | 502200                | 518598  | 534996  |                                     |                          |
| 30                  | Pi/2 BPSK  | 1       | 1         | 16.17                 | 16.19   | 15.90   | 17.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2508.51               | 2592.99 | 2677.5  |                                     |                          |
| Channel             |            |         |           | 501702                | 518598  | 535500  |                                     |                          |
| 25                  | Pi/2 BPSK  | 1       | 1         | 16.07                 | 16.11   | 15.91   | 17.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2506.02               | 2592.99 | 2679.99 |                                     |                          |
| Channel             |            |         |           | 501204                | 518598  | 535998  |                                     |                          |
| 20                  | Pi/2 BPSK  | 1       | 1         | 16.11                 | 16.25   | 15.90   | 17.00                               | 0.0                      |
| 5G NR n41_PC3_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2503.5                | 2592.99 | 2682.48 |                                     |                          |
| Channel             |            |         |           | 500700                | 518598  | 536496  |                                     |                          |
| 15                  | Pi/2 BPSK  | 1       | 1         | 16.19                 | 16.25   | 15.91   | 17.00                               | 0.0                      |

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## 5G NR n41\_PC3\_30kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|---------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99 | 2685   |                                     |                          |
| Channel         |            |         |           | 500202                | 518598  | 537000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 16.13                 | 16.18   | 15.91  | 17.00                               | 0.0                      |

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| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2546.01               | 2592.99 | 2640    |                                     |                          |
| Channel             |            |         |           | 509202                | 518598  | 528000  |                                     |                          |
| 100                 | Pi/2 BPSK  | 1       | 1         | 16.28                 | 16.31   | 16.05   | 17.00                               | 0.0                      |
|                     |            | 1       | 137       | 16.19                 | 16.13   | 15.88   | 17.00                               | 0.0                      |
|                     |            | 1       | 271       | 16.16                 | 16.20   | 15.93   | 17.00                               | 0.0                      |
|                     |            | 135     | 0         | 15.75                 | 15.79   | 15.55   | 16.50                               | 0.5                      |
|                     |            | 135     | 69        | 16.12                 | 16.15   | 15.99   | 17.00                               | 0.0                      |
|                     |            | 135     | 138       | 15.80                 | 15.75   | 15.54   | 16.50                               | 0.5                      |
|                     |            | 270     | 0         | 15.77                 | 15.77   | 15.52   | 16.50                               | 0.5                      |
|                     | QPSK       | 1       | 1         | 16.21                 | 16.16   | 15.90   | 17.00                               | 0.0                      |
|                     |            | 1       | 137       | 16.08                 | 16.19   | 15.99   | 17.00                               | 0.0                      |
|                     |            | 1       | 271       | 16.15                 | 16.16   | 15.92   | 17.00                               | 0.0                      |
|                     |            | 135     | 0         | 15.22                 | 15.20   | 14.89   | 16.00                               | 1.0                      |
|                     |            | 135     | 69        | 16.16                 | 16.17   | 15.96   | 17.00                               | 0.0                      |
|                     |            | 135     | 138       | 15.16                 | 15.17   | 14.94   | 16.00                               | 1.0                      |
|                     |            | 270     | 0         | 15.12                 | 15.14   | 14.89   | 16.00                               | 1.0                      |
|                     | 16-QAM     | 1       | 1         | 15.16                 | 15.18   | 14.94   | 16.00                               | 1.0                      |
|                     | 64QAM      | 1       | 1         | 13.62                 | 13.68   | 13.52   | 14.50                               | 2.5                      |
|                     | 256-QAM    | 1       | 1         | 11.66                 | 11.72   | 11.46   | 12.50                               | 4.5                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2541                  | 2592.99 | 2644.98 |                                     |                          |
| Channel             |            |         |           | 508200                | 518598  | 528996  |                                     |                          |
| 90                  | Pi/2 BPSK  | 1       | 1         | 16.09                 | 16.25   | 15.97   | 17.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2536.02               | 2592.99 | 2649.99 |                                     |                          |
| Channel             |            |         |           | 507204                | 518598  | 529998  |                                     |                          |
| 80                  | Pi/2 BPSK  | 1       | 1         | 16.22                 | 16.20   | 15.92   | 17.00                               | 0.0                      |

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| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2531.01               | 2592.99 | 2655    |                                     |                          |
| Channel             |            |         |           | 506202                | 518598  | 531000  |                                     |                          |
| 70                  | Pi/2 BPSK  | 1       | 1         | 16.19                 | 16.19   | 15.93   | 17.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2526                  | 2592.99 | 2659.98 |                                     |                          |
| Channel             |            |         |           | 505200                | 518598  | 531996  |                                     |                          |
| 60                  | Pi/2 BPSK  | 1       | 1         | 16.14                 | 16.14   | 15.94   | 17.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2521.02               | 2592.99 | 2664.99 |                                     |                          |
| Channel             |            |         |           | 504204                | 518598  | 532998  |                                     |                          |
| 50                  | Pi/2 BPSK  | 1       | 1         | 16.23                 | 16.18   | 15.89   | 17.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2518.5                | 2592.99 | 2667.48 |                                     |                          |
| Channel             |            |         |           | 503700                | 518598  | 533496  |                                     |                          |
| 45                  | Pi/2 BPSK  | 1       | 1         | 16.10                 | 16.21   | 15.89   | 17.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2516.01               | 2592.99 | 2670    |                                     |                          |
| Channel             |            |         |           | 503202                | 518598  | 534000  |                                     |                          |
| 40                  | Pi/2 BPSK  | 1       | 1         | 16.15                 | 16.15   | 15.98   | 17.00                               | 0.0                      |

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| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
|---------------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2513.52               | 2592.99 | 2672.49 |                                     |                          |
| Channel             |            |         |           | 502704                | 518598  | 534498  |                                     |                          |
| 35                  | Pi/2 BPSK  | 1       | 1         | 16.16                 | 16.14   | 15.94   | 17.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2511                  | 2592.99 | 2674.98 |                                     |                          |
| Channel             |            |         |           | 502200                | 518598  | 534996  |                                     |                          |
| 30                  | Pi/2 BPSK  | 1       | 1         | 16.15                 | 16.23   | 15.95   | 17.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2508.51               | 2592.99 | 2677.5  |                                     |                          |
| Channel             |            |         |           | 501702                | 518598  | 535500  |                                     |                          |
| 25                  | Pi/2 BPSK  | 1       | 1         | 16.24                 | 16.24   | 15.92   | 17.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2506.02               | 2592.99 | 2679.99 |                                     |                          |
| Channel             |            |         |           | 501204                | 518598  | 535998  |                                     |                          |
| 20                  | Pi/2 BPSK  | 1       | 1         | 16.16                 | 16.27   | 15.93   | 17.00                               | 0.0                      |
| 5G NR n41_PC2_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)             | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)     |            |         |           | 2503.5                | 2592.99 | 2682.48 |                                     |                          |
| Channel             |            |         |           | 500700                | 518598  | 536496  |                                     |                          |
| 15                  | Pi/2 BPSK  | 1       | 1         | 16.17                 | 16.19   | 15.99   | 17.00                               | 0.0                      |

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## 5G NR n41\_PC2\_30kHz

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|---------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99 | 2685   |                                     |                          |
| Channel         |            |         |           | 500202                | 518598  | 537000 |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 16.20                 | 16.18   | 15.87  | 17.00                               | 0.0                      |

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| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3570                  | 3625.02 | 3679.98 |                                     |                          |
| Channel         |            |         |           | 638000                | 641668  | 645332  |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 15.10                 | 15.03   | 15.02   | 15.50                               | 0.0                      |
|                 |            | 1       | 53        | 15.03                 | 14.93   | 14.94   | 15.50                               | 0.0                      |
|                 |            | 1       | 104       | 14.99                 | 14.90   | 14.84   | 15.50                               | 0.0                      |
|                 |            | 50      | 0         | 14.59                 | 14.56   | 14.52   | 15.00                               | 0.5                      |
|                 |            | 50      | 28        | 14.96                 | 14.94   | 14.90   | 15.50                               | 0.0                      |
|                 |            | 50      | 56        | 14.61                 | 14.52   | 14.48   | 15.00                               | 0.5                      |
|                 |            | 100     | 0         | 14.58                 | 14.55   | 14.51   | 15.00                               | 0.5                      |
|                 | QPSK       | 1       | 1         | 14.98                 | 14.89   | 14.89   | 15.50                               | 0.0                      |
|                 |            | 1       | 53        | 14.97                 | 14.87   | 14.98   | 15.50                               | 0.0                      |
|                 |            | 1       | 104       | 15.01                 | 14.94   | 14.94   | 15.50                               | 0.0                      |
|                 |            | 50      | 0         | 14.00                 | 13.98   | 13.89   | 14.50                               | 1.0                      |
|                 |            | 50      | 28        | 15.04                 | 14.91   | 14.93   | 15.50                               | 0.0                      |
|                 |            | 50      | 56        | 13.98                 | 13.89   | 13.91   | 14.50                               | 1.0                      |
|                 |            | 100     | 0         | 13.94                 | 13.86   | 13.86   | 14.50                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         | 13.98                 | 13.90   | 13.91   | 14.50                               | 1.0                      |
|                 | 64QAM      | 1       | 1         | 12.52                 | 12.40   | 12.37   | 13.00                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         | 10.53                 | 10.42   | 10.33   | 11.00                               | 4.5                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3565.02               | 3625.02 | 3684.99 |                                     |                          |
| Channel         |            |         |           | 637668                | 641668  | 645666  |                                     |                          |
| 30              | Pi/2 BPSK  | 1       | 1         | 14.97                 | 14.93   | 14.95   | 15.50                               | 0.0                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3560.01               | 3625.02 | 3690    |                                     |                          |
| Channel         |            |         |           | 637334                | 641668  | 646000  |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 15.04                 | 14.88   | 14.93   | 15.50                               | 0.0                      |

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| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
|-----------------|------------|---------|-----------|-----------------------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3557.52               | 3625.02 | 3692.49 |                                     |                          |
| Channel         |            |         |           | 637168                | 641668  | 646166  |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 14.93                 | 14.96   | 14.93   | 15.50                               | 0.0                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3555                  | 3625.02 | 3694.98 |                                     |                          |
| Channel         |            |         |           | 637000                | 641668  | 646332  |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 14.97                 | 14.84   | 14.86   | 15.50                               | 0.0                      |
| 5G NR n48_30kHz |            |         |           |                       |         |         |                                     |                          |
| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz) |            |         |           | 3552.51               | 3625.02 | 3697.5  |                                     |                          |
| Channel         |            |         |           | 636834                | 641668  | 646500  |                                     |                          |
| 5               | Pi/2 BPSK  | 1       | 1         | 14.99                 | 14.91   | 14.94   | 15.50                               | 0.0                      |

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| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3750                  | 3795    | 3840   | 3885    | 3930    |                                     |                          |
| Channel                 |            |         |           | 650000                | 653000  | 656000 | 659000  | 662000  |                                     |                          |
| 100                     | Pi/2 BPSK  | 1       | 1         | 14.47                 | 14.48   | 14.30  | 14.22   | 14.20   | 15.00                               | 0.0                      |
|                         |            | 1       | 137       | 14.34                 | 14.38   | 14.19  | 14.08   | 14.04   | 15.00                               | 0.0                      |
|                         |            | 1       | 271       | 14.40                 | 14.38   | 14.26  | 14.14   | 14.04   | 15.00                               | 0.0                      |
|                         |            | 135     | 0         | 13.96                 | 13.92   | 13.79  | 13.67   | 13.73   | 14.50                               | 0.5                      |
|                         |            | 135     | 69        | 14.29                 | 14.37   | 14.16  | 14.17   | 14.06   | 15.00                               | 0.0                      |
|                         |            | 135     | 138       | 13.93                 | 13.89   | 13.69  | 13.69   | 13.75   | 14.50                               | 0.5                      |
|                         |            | 270     | 0         | 13.93                 | 13.97   | 13.76  | 13.72   | 13.73   | 14.50                               | 0.5                      |
|                         | QPSK       | 1       | 1         | 14.33                 | 14.32   | 14.23  | 14.15   | 14.07   | 15.00                               | 0.0                      |
|                         |            | 1       | 137       | 14.35                 | 14.34   | 14.20  | 14.06   | 14.06   | 15.00                               | 0.0                      |
|                         |            | 1       | 271       | 14.39                 | 14.39   | 14.18  | 14.15   | 14.15   | 15.00                               | 0.0                      |
|                         |            | 135     | 0         | 13.28                 | 13.30   | 13.11  | 13.01   | 13.06   | 14.00                               | 1.0                      |
|                         |            | 135     | 69        | 14.41                 | 14.36   | 14.24  | 14.11   | 14.16   | 15.00                               | 0.0                      |
|                         |            | 135     | 138       | 13.35                 | 13.34   | 13.19  | 13.10   | 13.06   | 14.00                               | 1.0                      |
|                         |            | 270     | 0         | 13.31                 | 13.31   | 13.14  | 13.06   | 13.03   | 14.00                               | 1.0                      |
|                         | 16-QAM     | 1       | 1         | 13.35                 | 13.35   | 13.19  | 13.10   | 13.07   | 14.00                               | 1.0                      |
|                         | 64QAM      | 1       | 1         | 11.88                 | 11.93   | 11.71  | 11.59   | 11.59   | 12.50                               | 2.5                      |
|                         | 256-QAM    | 1       | 1         | 9.88                  | 9.89    | 9.66   | 9.67    | 9.64    | 10.50                               | 4.5                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3744.99               | 3792.51 | 3840   | 3887.49 | 3935.01 |                                     |                          |
| Channel                 |            |         |           | 649666                | 652834  | 656000 | 659166  | 662334  |                                     |                          |
| 90                      | Pi/2 BPSK  | 1       | 1         | 14.31                 | 14.34   | 14.19  | 14.04   | 14.11   | 15.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3740.01               | 3789.99 | 3840   | 3890.01 | 3939.99 |                                     |                          |
| Channel                 |            |         |           | 649334                | 652666  | 656000 | 659334  | 662666  |                                     |                          |
| 80                      | Pi/2 BPSK  | 1       | 1         | 14.30                 | 14.32   | 14.17  | 14.07   | 14.11   | 15.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3729.99               | 3785.01 | 3840   | 3894.99 | 3950.01 |                                     |                          |
| Channel                 |            |         |           | 648666                | 652334  | 656000 | 659666  | 663334  |                                     |                          |
| 60                      | Pi/2 BPSK  | 1       | 1         | 14.31                 | 14.34   | 14.11  | 14.07   | 14.13   | 15.00                               | 0.0                      |

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| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3725.01               | 3782.49 | 3840   | 3897.51 | 3954.99 |                                     |                          |
| Channel                 |            |         |           | 648334                | 652166  | 656000 | 659834  | 663666  |                                     |                          |
| 50                      | Pi/2 BPSK  | 1       | 1         | 14.36                 | 14.41   | 14.13  | 14.04   | 14.08   | 15.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3720                  | 3780    | 3840   | 3900    | 3960    |                                     |                          |
| Channel                 |            |         |           | 648000                | 652000  | 656000 | 660000  | 664000  |                                     |                          |
| 40                      | Pi/2 BPSK  | 1       | 1         | 14.33                 | 14.36   | 14.14  | 14.10   | 14.13   | 15.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3710.01               | 3774.99 | 3840   | 3903.99 | 3969.99 |                                     |                          |
| Channel                 |            |         |           | 647334                | 651666  | 656000 | 660266  | 664666  |                                     |                          |
| 20                      | Pi/2 BPSK  | 1       | 1         | 14.37                 | 14.36   | 14.14  | 14.17   | 14.09   | 15.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 15                      | Pi/2 BPSK  | 1       | 1         |                       |         | 14.23  |         |         | 15.00                               | 0.0                      |
| 5G NR n77_PC3_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 10                      | Pi/2 BPSK  | 1       | 1         |                       |         | 14.25  |         |         | 15.00                               | 0.0                      |

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| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3750                  | 3795    | 3840   | 3885    | 3930    |                                     |                          |
| Channel                 |            |         |           | 650000                | 653000  | 656000 | 659000  | 662000  |                                     |                          |
| 100                     | Pi/2 BPSK  | 1       | 1         | 14.49                 | 14.46   | 14.28  | 14.24   | 14.25   | 15.00                               | 0.0                      |
|                         |            | 1       | 137       | 14.34                 | 14.35   | 14.16  | 14.14   | 14.14   | 15.00                               | 0.0                      |
|                         |            | 1       | 271       | 14.38                 | 14.28   | 14.25  | 14.06   | 14.11   | 15.00                               | 0.0                      |
|                         |            | 135     | 0         | 13.96                 | 13.89   | 13.82  | 13.76   | 13.73   | 14.50                               | 0.5                      |
|                         |            | 135     | 69        | 14.39                 | 14.26   | 14.23  | 14.19   | 14.12   | 15.00                               | 0.0                      |
|                         |            | 135     | 138       | 13.97                 | 13.90   | 13.81  | 13.74   | 13.73   | 14.50                               | 0.5                      |
|                         |            | 270     | 0         | 13.96                 | 13.99   | 13.73  | 13.78   | 13.75   | 14.50                               | 0.5                      |
|                         | QPSK       | 1       | 1         | 14.31                 | 14.31   | 14.23  | 14.12   | 14.12   | 15.00                               | 0.0                      |
|                         |            | 1       | 137       | 14.42                 | 14.40   | 14.24  | 14.07   | 14.12   | 15.00                               | 0.0                      |
|                         |            | 1       | 271       | 14.34                 | 14.35   | 14.16  | 14.15   | 14.11   | 15.00                               | 0.0                      |
|                         |            | 135     | 0         | 13.41                 | 13.30   | 13.13  | 13.07   | 13.09   | 14.00                               | 1.0                      |
|                         |            | 135     | 69        | 14.37                 | 14.31   | 14.12  | 14.13   | 14.13   | 15.00                               | 0.0                      |
|                         |            | 135     | 138       | 13.37                 | 13.32   | 13.17  | 13.12   | 13.11   | 14.00                               | 1.0                      |
|                         |            | 270     | 0         | 13.33                 | 13.29   | 13.12  | 13.08   | 13.08   | 14.00                               | 1.0                      |
|                         | 16-QAM     | 1       | 1         | 13.37                 | 13.33   | 13.17  | 13.12   | 13.12   | 14.00                               | 1.0                      |
|                         | 64QAM      | 1       | 1         | 11.87                 | 11.92   | 11.64  | 11.57   | 11.60   | 12.50                               | 2.5                      |
|                         | 256-QAM    | 1       | 1         | 9.86                  | 9.78    | 9.66   | 9.62    | 9.56    | 10.50                               | 4.5                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3744.99               | 3792.51 | 3840   | 3887.49 | 3935.01 |                                     |                          |
| Channel                 |            |         |           | 649666                | 652834  | 656000 | 659166  | 662334  |                                     |                          |
| 90                      | Pi/2 BPSK  | 1       | 1         | 14.41                 | 14.31   | 14.14  | 14.14   | 14.17   | 15.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3740.01               | 3789.99 | 3840   | 3890.01 | 3939.99 |                                     |                          |
| Channel                 |            |         |           | 649334                | 652666  | 656000 | 659334  | 662666  |                                     |                          |
| 80                      | Pi/2 BPSK  | 1       | 1         | 14.32                 | 14.39   | 14.24  | 14.17   | 14.12   | 15.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3729.99               | 3785.01 | 3840   | 3894.99 | 3950.01 |                                     |                          |
| Channel                 |            |         |           | 648666                | 652334  | 656000 | 659666  | 663334  |                                     |                          |
| 60                      | Pi/2 BPSK  | 1       | 1         | 14.43                 | 14.36   | 14.20  | 14.11   | 14.15   | 15.00                               | 0.0                      |

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| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
|-------------------------|------------|---------|-----------|-----------------------|---------|--------|---------|---------|-------------------------------------|--------------------------|
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3725.01               | 3782.49 | 3840   | 3897.51 | 3954.99 |                                     |                          |
| Channel                 |            |         |           | 648334                | 652166  | 656000 | 659834  | 663666  |                                     |                          |
| 50                      | Pi/2 BPSK  | 1       | 1         | 14.43                 | 14.28   | 14.16  | 14.08   | 14.17   | 15.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3720                  | 3780    | 3840   | 3900    | 3960    |                                     |                          |
| Channel                 |            |         |           | 648000                | 652000  | 656000 | 660000  | 664000  |                                     |                          |
| 40                      | Pi/2 BPSK  | 1       | 1         | 14.44                 | 14.29   | 14.20  | 14.11   | 14.15   | 15.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           | 3710.01               | 3774.99 | 3840   | 3903.99 | 3969.99 |                                     |                          |
| Channel                 |            |         |           | 647334                | 651666  | 656000 | 660266  | 664666  |                                     |                          |
| 20                      | Pi/2 BPSK  | 1       | 1         | 14.41                 | 14.31   | 14.17  | 14.04   | 14.08   | 15.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 15                      | Pi/2 BPSK  | 1       | 1         |                       |         | 14.14  |         |         | 15.00                               | 0.0                      |
| 5G NR n77_PC2_30kHz_FCC |            |         |           |                       |         |        |         |         |                                     |                          |
| BW(MHz)                 | Modulation | RB Size | RB Offset | Conducted power (dBm) |         |        |         |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)         |            |         |           |                       |         | 3840   |         |         |                                     |                          |
| Channel                 |            |         |           |                       |         | 656000 |         |         |                                     |                          |
| 10                      | Pi/2 BPSK  | 1       | 1         |                       |         | 14.29  |         |         | 15.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |  | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           |                       | 3499.995 |  |                                     |                          |
| Channel         |            |         |           |                       | 633333   |  |                                     |                          |
| 100             | Pi/2 BPSK  | 1       | 1         |                       | 14.73    |  | 15.00                               | 0.0                      |
|                 |            | 1       | 137       |                       | 14.54    |  | 15.00                               | 0.0                      |
|                 |            | 1       | 271       |                       | 14.61    |  | 15.00                               | 0.0                      |
|                 |            | 135     | 0         |                       | 14.21    |  | 14.50                               | 0.5                      |
|                 |            | 135     | 69        |                       | 14.62    |  | 15.00                               | 0.0                      |
|                 |            | 135     | 138       |                       | 14.26    |  | 14.50                               | 0.5                      |
|                 |            | 270     | 0         |                       | 14.27    |  | 14.50                               | 0.5                      |
|                 | QPSK       | 1       | 1         |                       | 14.64    |  | 15.00                               | 0.0                      |
|                 |            | 1       | 137       |                       | 14.62    |  | 15.00                               | 0.0                      |
|                 |            | 1       | 271       |                       | 14.56    |  | 15.00                               | 0.0                      |
|                 |            | 135     | 0         |                       | 13.59    |  | 14.00                               | 1.0                      |
|                 |            | 135     | 69        |                       | 14.56    |  | 15.00                               | 0.0                      |
|                 |            | 135     | 138       |                       | 13.59    |  | 14.00                               | 1.0                      |
|                 |            | 270     | 0         |                       | 13.56    |  | 14.00                               | 1.0                      |
|                 | 16-QAM     | 1       | 1         |                       | 13.60    |  | 14.00                               | 1.0                      |
|                 | 64QAM      | 1       | 1         |                       | 12.04    |  | 12.50                               | 2.5                      |
|                 | 256-QAM    | 1       | 1         |                       | 10.10    |  | 10.50                               | 4.5                      |

## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3495                  | 3499.995 | 3504.99 |                                     |                          |
| Channel         |            |         |           | 633000                | 633333   | 633666  |                                     |                          |
| 90              | Pi/2 BPSK  | 1       | 1         | 14.62                 | 14.64    | 14.59   | 15.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3490.005              | 3499.995 | 3510   |                                     |                          |
| Channel         |            |         |           | 632667                | 633333   | 634000 |                                     |                          |
| 80              | Pi/2 BPSK  | 1       | 1         | 14.55                 | 14.65    | 14.57  | 15.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3480                  | 3499.995 | 3519.99 |                                     |                          |
| Channel         |            |         |           | 632000                | 633333   | 634666  |                                     |                          |
| 60              | Pi/2 BPSK  | 1       | 1         | 14.63                 | 14.63    | 14.60   | 15.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3475.005              | 3499.995 | 3525   |                                     |                          |
| Channel         |            |         |           | 631667                | 633333   | 635000 |                                     |                          |
| 50              | Pi/2 BPSK  | 1       | 1         | 14.63                 | 14.61    | 14.66  | 15.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3470.01               | 3499.995 | 3529.995 |                                     |                          |
| Channel         |            |         |           | 631334                | 633333   | 635333   |                                     |                          |
| 40              | Pi/2 BPSK  | 1       | 1         | 14.62                 | 14.56    | 14.62    | 15.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |        | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|--------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3460.005              | 3499.995 | 3540   |                                     |                          |
| Channel         |            |         |           | 630667                | 633333   | 636000 |                                     |                          |
| 20              | Pi/2 BPSK  | 1       | 1         | 14.60                 | 14.58    | 14.54  | 15.00                               | 0.0                      |

## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|---------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3457.5                | 3499.995 | 3542.49 |                                     |                          |
| Channel         |            |         |           | 630500                | 633333   | 636166  |                                     |                          |
| 15              | Pi/2 BPSK  | 1       | 1         | 14.54                 | 14.62    | 14.52   | 15.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC3\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3455.01               | 3499.995 | 3544.995 |                                     |                          |
| Channel         |            |         |           | 630334                | 633333   | 636333   |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 14.60                 | 14.57    | 14.62    | 15.00                               | 0.0                      |

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| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |         |                                     |                          |
|-------------------------------|------------|---------|-----------|-----------------------|----------|---------|-------------------------------------|--------------------------|
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           |                       | 3499.995 |         |                                     |                          |
| Channel                       |            |         |           |                       | 633333   |         |                                     |                          |
| 100                           | Pi/2 BPSK  | 1       | 1         |                       | 14.72    |         | 15.00                               | 0.0                      |
|                               |            | 1       | 137       |                       | 14.57    |         | 15.00                               | 0.0                      |
|                               |            | 1       | 271       |                       | 14.58    |         | 15.00                               | 0.0                      |
|                               |            | 135     | 0         |                       | 14.17    |         | 14.50                               | 0.5                      |
|                               |            | 135     | 69        |                       | 14.60    |         | 15.00                               | 0.0                      |
|                               |            | 135     | 138       |                       | 14.18    |         | 14.50                               | 0.5                      |
|                               |            | 270     | 0         |                       | 14.21    |         | 14.50                               | 0.5                      |
|                               | QPSK       | 1       | 1         |                       | 14.66    |         | 15.00                               | 0.0                      |
|                               |            | 1       | 137       |                       | 14.57    |         | 15.00                               | 0.0                      |
|                               |            | 1       | 271       |                       | 14.60    |         | 15.00                               | 0.0                      |
|                               |            | 135     | 0         |                       | 13.57    |         | 14.00                               | 1.0                      |
|                               |            | 135     | 69        |                       | 14.62    |         | 15.00                               | 0.0                      |
|                               |            | 135     | 138       |                       | 13.58    |         | 14.00                               | 1.0                      |
|                               |            | 270     | 0         |                       | 13.55    |         | 14.00                               | 1.0                      |
|                               | 16-QAM     | 1       | 1         |                       | 13.59    |         | 14.00                               | 1.0                      |
|                               | 64QAM      | 1       | 1         |                       | 12.02    |         | 12.50                               | 2.5                      |
|                               | 256-QAM    | 1       | 1         |                       | 10.17    |         | 10.50                               | 4.5                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |         |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3495                  | 3499.995 | 3504.99 |                                     |                          |
| Channel                       |            |         |           | 633000                | 633333   | 633666  |                                     |                          |
| 90                            | Pi/2 BPSK  | 1       | 1         | 14.60                 | 14.56    | 14.65   | 15.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |         |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |         | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3490.005              | 3499.995 | 3510    |                                     |                          |
| Channel                       |            |         |           | 632667                | 633333   | 634000  |                                     |                          |
| 80                            | Pi/2 BPSK  | 1       | 1         | 14.61                 | 14.61    | 14.62   | 15.00                               | 0.0                      |

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| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
|-------------------------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3480                  | 3499.995 | 3519.99  |                                     |                          |
| Channel                       |            |         |           | 632000                | 633333   | 634666   |                                     |                          |
| 60                            | Pi/2 BPSK  | 1       | 1         | 14.55                 | 14.66    | 14.61    | 15.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3475.005              | 3499.995 | 3525     |                                     |                          |
| Channel                       |            |         |           | 631667                | 633333   | 635000   |                                     |                          |
| 50                            | Pi/2 BPSK  | 1       | 1         | 14.58                 | 14.63    | 14.63    | 15.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3470.01               | 3499.995 | 3529.995 |                                     |                          |
| Channel                       |            |         |           | 631334                | 633333   | 635333   |                                     |                          |
| 40                            | Pi/2 BPSK  | 1       | 1         | 14.62                 | 14.64    | 14.66    | 15.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3460.005              | 3499.995 | 3540     |                                     |                          |
| Channel                       |            |         |           | 630667                | 633333   | 636000   |                                     |                          |
| 20                            | Pi/2 BPSK  | 1       | 1         | 14.61                 | 14.63    | 14.63    | 15.00                               | 0.0                      |
| 5G NR n77 & n78_PC2_30kHz_FCC |            |         |           |                       |          |          |                                     |                          |
| BW(MHz)                       | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
| Frequency (MHz)               |            |         |           | 3457.5                | 3499.995 | 3542.49  |                                     |                          |
| Channel                       |            |         |           | 630500                | 633333   | 636166   |                                     |                          |
| 15                            | Pi/2 BPSK  | 1       | 1         | 14.68                 | 14.61    | 14.66    | 15.00                               | 0.0                      |

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## 5G NR n77 &amp; n78\_PC2\_30kHz\_FCC

| BW(MHz)         | Modulation | RB Size | RB Offset | Conducted power (dBm) |          |          | Target Power + Max. Tolerance (dBm) | MPR Allowed per 3GPP(dB) |
|-----------------|------------|---------|-----------|-----------------------|----------|----------|-------------------------------------|--------------------------|
| Frequency (MHz) |            |         |           | 3455.01               | 3499.995 | 3544.995 |                                     |                          |
| Channel         |            |         |           | 630334                | 633333   | 636333   |                                     |                          |
| 10              | Pi/2 BPSK  | 1       | 1         | 14.62                 | 14.60    | 14.57    | 15.00                               | 0.0                      |

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## 6 SUMMARY OF RESULTS

### 6.1 Decision rules

Reported measurement data comply with Test Methodology in section 1.1.

Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

### 6.2 Summary of SAR Results

#### Tablet mode

##### Ant5

| Band         | Position     | Distance (mm) | Channel | Freq. (MHz) | Max. Rated Avg. Power + Max. Tolerance (dBm) | Measured Avg. Power (dBm) | Scaling | Averaged SAR over 1g (W/kg) |          | ID  |
|--------------|--------------|---------------|---------|-------------|----------------------------------------------|---------------------------|---------|-----------------------------|----------|-----|
|              |              |               |         |             |                                              |                           |         | Measured                    | Reported |     |
| WCDMA Band V | Back Surface | 0             | 4132    | 826.4       | 18.5                                         | 18.36                     | 103.28% | 0.061                       | 0.063    | -   |
| WCDMA Band V | Top Edge     | 0             | 4132    | 826.4       | 18.5                                         | 18.36                     | 103.28% | 0.764                       | 0.789    | 062 |
| WCDMA Band V | Top Edge     | 0             | 4183    | 836.6       | 18.5                                         | 18.20                     | 107.15% | 0.711                       | 0.762    | -   |
| WCDMA Band V | Top Edge     | 0             | 4233    | 846.6       | 18.5                                         | 18.20                     | 107.15% | 0.658                       | 0.705    | -   |
| WCDMA Band V | Right Edge   | 0             | 4132    | 826.4       | 18.5                                         | 18.36                     | 103.28% | 0.098                       | 0.101    | -   |
| WCDMA Band V | Left Edge    | 0             | 4132    | 826.4       | 18.5                                         | 18.36                     | 103.28% | 0.026                       | 0.027    | -   |
| WCDMA Band V | Top Edge**   | 0             | 4132    | 826.4       | 18.5                                         | 18.36                     | 103.28% | 0.72                        | 0.745    | -   |

Note: \*\* - Vendor2 Spot check

##### Ant8

| Band          | Position     | Distance (mm) | Channel | Freq. (MHz) | Max. Rated Avg. Power + Max. Tolerance (dBm) | Measured Avg. Power (dBm) | Scaling | Averaged SAR over 1g (W/kg) |          | ID  |
|---------------|--------------|---------------|---------|-------------|----------------------------------------------|---------------------------|---------|-----------------------------|----------|-----|
|               |              |               |         |             |                                              |                           |         | Measured                    | Reported |     |
| WCDMA Band II | Back Surface | 0             | 9538    | 1907.6      | 16.5                                         | 16.10                     | 109.65% | 0.029                       | 0.032    | -   |
| WCDMA Band II | Top Edge     | 0             | 9262    | 1852.4      | 16.5                                         | 15.76                     | 118.58% | 0.293                       | 0.347    | -   |
| WCDMA Band II | Top Edge     | 0             | 9400    | 1880        | 16.5                                         | 15.84                     | 116.41% | 0.320                       | 0.373    | 063 |
| WCDMA Band II | Top Edge     | 0             | 9538    | 1907.6      | 16.5                                         | 16.10                     | 109.65% | 0.286                       | 0.314    | -   |
| WCDMA Band II | Right Edge   | 0             | 9538    | 1907.6      | 16.5                                         | 16.10                     | 109.65% | 0.024                       | 0.026    | -   |
| WCDMA Band II | Left Edge    | 0             | 9538    | 1907.6      | 16.5                                         | 16.10                     | 109.65% | 0.011                       | 0.012    | -   |
| WCDMA Band II | Top Edge**   | 0             | 9400    | 1880        | 16.5                                         | 15.84                     | 116.41% | 0.257                       | 0.299    | -   |
| WCDMA Band IV | Back Surface | 0             | 1513    | 1752.6      | 17.0                                         | 16.26                     | 118.58% | 0.038                       | 0.045    | -   |
| WCDMA Band IV | Top Edge     | 0             | 1312    | 1712.4      | 17.0                                         | 16.25                     | 118.85% | 0.426                       | 0.506    | -   |
| WCDMA Band IV | Top Edge     | 0             | 1412    | 1732.4      | 17.0                                         | 16.15                     | 121.62% | 0.472                       | 0.574    | 064 |
| WCDMA Band IV | Top Edge     | 0             | 1513    | 1752.6      | 17.0                                         | 16.26                     | 118.58% | 0.453                       | 0.537    | -   |
| WCDMA Band IV | Right Edge   | 0             | 1513    | 1752.6      | 17.0                                         | 16.26                     | 118.58% | 0.026                       | 0.031    | -   |
| WCDMA Band IV | Left Edge    | 0             | 1513    | 1752.6      | 17.0                                         | 16.26                     | 118.58% | 0.013                       | 0.015    | -   |
| WCDMA Band IV | Top Edge**   | 0             | 1412    | 1732.4      | 17.0                                         | 16.15                     | 121.62% | 0.358                       | 0.435    | -   |

Note: \*\* - Vendor2 Spot check

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## Ant5

| Band            | Bandwidth (MHz) | Modulation | RB Size | RB start | Position     | Distance (mm) | Channel | Freq. (MHz) | Max. Rated Avg. Power + Max. Tolerance (dBm) | Measured Avg. Power (dBm) | Scaling | Averaged SAR over 1g (W/kg) |          | ID  |
|-----------------|-----------------|------------|---------|----------|--------------|---------------|---------|-------------|----------------------------------------------|---------------------------|---------|-----------------------------|----------|-----|
|                 |                 |            |         |          |              |               |         |             |                                              |                           |         | Measured                    | Reported |     |
| LTE Band 5      | 10MHz           | QPSK       | 1       | 0        | Back Surface | 0             | 20450   | 829         | 18.50                                        | 18.13                     | 108.89% | 0.054                       | 0.059    | -   |
| LTE Band 5      |                 |            | 25      | 25       | Back Surface | 0             | 20450   | 829         | 17.50                                        | 17.00                     | 112.20% | 0.039                       | 0.044    | -   |
| LTE Band 5      |                 |            | 1       | 0        | Top Edge     | 0             | 20450   | 829         | 18.50                                        | 18.13                     | 108.89% | 0.668                       | 0.727    | 065 |
| LTE Band 5      |                 |            | 1       | 0        | Top Edge     | 0             | 20525   | 836.5       | 18.50                                        | 18.06                     | 110.66% | 0.614                       | 0.679    | -   |
| LTE Band 5      |                 |            | 1       | 0        | Top Edge     | 0             | 20600   | 844         | 18.50                                        | 18.01                     | 111.94% | 0.582                       | 0.652    | -   |
| LTE Band 5      |                 |            | 25      | 25       | Top Edge     | 0             | 20450   | 829         | 17.50                                        | 17.00                     | 112.20% | 0.521                       | 0.585    | -   |
| LTE Band 5      |                 |            | 1       | 0        | Right Edge   | 0             | 20450   | 829         | 18.50                                        | 18.13                     | 108.89% | 0.103                       | 0.112    | -   |
| LTE Band 5      |                 |            | 25      | 25       | Right Edge   | 0             | 20450   | 829         | 17.50                                        | 17.00                     | 112.20% | 0.082                       | 0.092    | -   |
| LTE Band 5      |                 |            | 1       | 0        | Left Edge    | 0             | 20450   | 829         | 18.50                                        | 18.13                     | 108.89% | 0.023                       | 0.025    | -   |
| LTE Band 5      |                 |            | 25      | 25       | Left Edge    | 0             | 20450   | 829         | 17.50                                        | 17.00                     | 112.20% | 0.014                       | 0.016    | -   |
| LTE Band 5      |                 |            | 1       | 0        | Top Edge**   | 0             | 20450   | 829         | 18.50                                        | 18.13                     | 108.89% | 0.619                       | 0.674    | -   |
| 5B              |                 |            | 1       | 49       | Top Edge     | 0             | 20450   | 829         | 18.50                                        | 17.89                     | 115.08% | 0.533                       | 0.613    | -   |
| LTE Band 12     | 10MHz           | QPSK       | 1       | 0        | Back Surface | 0             | 23060   | 704         | 18.50                                        | 18.05                     | 110.92% | 0.076                       | 0.084    | -   |
| LTE Band 12     |                 |            | 25      | 12       | Back Surface | 0             | 23060   | 704         | 17.50                                        | 16.96                     | 113.24% | 0.063                       | 0.071    | -   |
| LTE Band 12     |                 |            | 1       | 0        | Top Edge     | 0             | 23060   | 704         | 18.50                                        | 18.05                     | 110.92% | 0.767                       | 0.851    | 066 |
| LTE Band 12     |                 |            | 1       | 0        | Top Edge     | 0             | 23095   | 707.5       | 18.50                                        | 18.01                     | 111.94% | 0.688                       | 0.770    | -   |
| LTE Band 12     |                 |            | 1       | 0        | Top Edge     | 0             | 23130   | 711         | 18.50                                        | 17.98                     | 112.72% | 0.643                       | 0.725    | -   |
| LTE Band 12     |                 |            | 25      | 12       | Top Edge     | 0             | 23060   | 704         | 17.50                                        | 16.96                     | 113.24% | 0.584                       | 0.661    | -   |
| LTE Band 12     |                 |            | 50RB    |          | Top Edge     | 0             | 23060   | 704         | 17.50                                        | 17.00                     | 112.20% | 0.592                       | 0.664    | -   |
| LTE Band 12     |                 |            | 1       | 0        | Right Edge   | 0             | 23060   | 704         | 18.50                                        | 18.05                     | 110.92% | 0.123                       | 0.136    | -   |
| LTE Band 12     |                 |            | 25      | 12       | Right Edge   | 0             | 23060   | 704         | 17.50                                        | 16.96                     | 113.24% | 0.102                       | 0.116    | -   |
| LTE Band 12     |                 |            | 1       | 0        | Left Edge    | 0             | 23060   | 704         | 18.50                                        | 18.05                     | 110.92% | 0.034                       | 0.038    | -   |
| LTE Band 12     |                 |            | 1       | 0        | Top Edge*    | 0             | 23060   | 704         | 18.50                                        | 18.05                     | 110.92% | 0.758                       | 0.841    | -   |
| LTE Band 12     |                 |            | 1       | 0        | Top Edge**   | 0             | 23060   | 704         | 18.50                                        | 18.05                     | 110.92% | 0.739                       | 0.820    | -   |
| LTE Band 13     | 10MHz           | QPSK       | 1       | 0        | Back Surface | 0             | 23230   | 782         | 18.50                                        | 17.87                     | 115.61% | 0.021                       | 0.024    | -   |
| LTE Band 13     |                 |            | 25      | 0        | Back Surface | 0             | 23230   | 782         | 17.50                                        | 16.77                     | 118.30% | 0.014                       | 0.017    | -   |
| LTE Band 13     |                 |            | 1       | 0        | Top Edge     | 0             | 23230   | 782         | 18.50                                        | 17.87                     | 115.61% | 0.349                       | 0.403    | 067 |
| LTE Band 13     |                 |            | 25      | 0        | Top Edge     | 0             | 23230   | 782         | 17.50                                        | 16.77                     | 118.30% | 0.286                       | 0.338    | -   |
| LTE Band 13     |                 |            | 1       | 0        | Right Edge   | 0             | 23230   | 782         | 18.50                                        | 17.87                     | 115.61% | 0.065                       | 0.075    | -   |
| LTE Band 13     |                 |            | 25      | 0        | Right Edge   | 0             | 23230   | 782         | 17.50                                        | 16.77                     | 118.30% | 0.057                       | 0.067    | -   |
| LTE Band 13     |                 |            | 1       | 0        | Left Edge    | 0             | 23230   | 782         | 18.50                                        | 17.87                     | 115.61% | 0.008                       | 0.009    | -   |
| LTE Band 13     |                 |            | 25      | 0        | Left Edge    | 0             | 23230   | 782         | 17.50                                        | 16.77                     | 118.30% | 0.005                       | 0.006    | -   |
| LTE Band 13     |                 |            | 1       | 0        | Top Edge**   | 0             | 23230   | 782         | 18.50                                        | 17.87                     | 115.61% | 0.289                       | 0.334    | -   |
| LTE Band 14     | 10MHz           | QPSK       | 1       | 0        | Back Surface | 0             | 23330   | 793         | 18.50                                        | 18.04                     | 111.17% | 0.016                       | 0.018    | -   |
| LTE Band 14     |                 |            | 25      | 12       | Back Surface | 0             | 23330   | 793         | 17.50                                        | 16.97                     | 112.98% | 0.011                       | 0.012    | -   |
| LTE Band 14     |                 |            | 1       | 0        | Top Edge     | 0             | 23330   | 793         | 18.50                                        | 18.04                     | 111.17% | 0.360                       | 0.400    | 068 |
| LTE Band 14     |                 |            | 25      | 12       | Top Edge     | 0             | 23330   | 793         | 17.50                                        | 16.97                     | 112.98% | 0.327                       | 0.369    | -   |
| LTE Band 14     |                 |            | 1       | 0        | Right Edge   | 0             | 23330   | 793         | 18.50                                        | 18.04                     | 111.17% | 0.063                       | 0.070    | -   |
| LTE Band 14     |                 |            | 25      | 12       | Right Edge   | 0             | 23330   | 793         | 17.50                                        | 16.97                     | 112.98% | 0.054                       | 0.061    | -   |
| LTE Band 14     |                 |            | 1       | 0        | Left Edge    | 0             | 23330   | 793         | 18.50                                        | 18.04                     | 111.17% | 0.007                       | 0.008    | -   |
| LTE Band 14     |                 |            | 25      | 12       | Left Edge    | 0             | 23330   | 793         | 17.50                                        | 16.97                     | 112.98% | 0.005                       | 0.006    | -   |
| LTE Band 14     |                 |            | 1       | 0        | Top Edge**   | 0             | 23330   | 793         | 18.50                                        | 18.04                     | 111.17% | 0.302                       | 0.336    | -   |
| LTE Band 17     | 10MHz           | QPSK       | 1       | 0        | Back Surface | 0             | 23800   | 711         | 18.50                                        | 17.93                     | 114.02% | 0.079                       | 0.090    | -   |
| LTE Band 17     |                 |            | 25      | 12       | Back Surface | 0             | 23800   | 711         | 17.50                                        | 16.88                     | 115.35% | 0.068                       | 0.078    | -   |
| LTE Band 17     |                 |            | 1       | 0        | Top Edge     | 0             | 23780   | 709         | 18.50                                        | 17.90                     | 114.82% | 0.626                       | 0.719    | -   |
| LTE Band 17     |                 |            | 1       | 0        | Top Edge     | 0             | 23790   | 710         | 18.50                                        | 17.92                     | 114.29% | 0.653                       | 0.746    | -   |
| LTE Band 17     |                 |            | 1       | 0        | Top Edge     | 0             | 23800   | 711         | 18.50                                        | 17.93                     | 114.02% | 0.714                       | 0.814    | 069 |
| LTE Band 17     |                 |            | 25      | 12       | Top Edge     | 0             | 23800   | 711         | 17.50                                        | 16.88                     | 115.35% | 0.537                       | 0.619    | -   |
| LTE Band 17     |                 |            | 50RB    |          | Top Edge     | 0             | 23790   | 710         | 17.50                                        | 16.85                     | 116.14% | 0.518                       | 0.602    | -   |
| LTE Band 17     |                 |            | 1       | 0        | Right Edge   | 0             | 23800   | 711         | 18.50                                        | 17.93                     | 114.02% | 0.121                       | 0.138    | -   |
| LTE Band 17     |                 |            | 25      | 12       | Right Edge   | 0             | 23800   | 711         | 17.50                                        | 16.88                     | 115.35% | 0.088                       | 0.102    | -   |
| LTE Band 17     |                 |            | 1       | 0        | Left Edge    | 0             | 23800   | 711         | 18.50                                        | 17.93                     | 114.02% | 0.022                       | 0.025    | -   |
| LTE Band 17     |                 |            | 25      | 12       | Left Edge    | 0             | 23800   | 711         | 17.50                                        | 16.88                     | 115.35% | 0.015                       | 0.017    | -   |
| LTE Band 17     |                 |            | 1       | 0        | Top Edge*    | 0             | 23800   | 711         | 18.50                                        | 17.93                     | 114.02% | 0.707                       | 0.806    | -   |
| LTE Band 17     |                 |            | 1       | 0        | Top Edge**   | 0             | 23800   | 711         | 18.50                                        | 17.93                     | 114.02% | 0.637                       | 0.726    | -   |
| LTE Band 26_FCC | 15MHz           | QPSK       | 1       | 0        | Back Surface | 0             | 26765   | 821.5       | 18.50                                        | 17.70                     | 120.23% | 0.058                       | 0.070    | -   |
| LTE Band 26_FCC |                 |            | 36      | 18       | Back Surface | 0             | 26765   | 821.5       | 17.50                                        | 16.54                     | 124.74% | 0.041                       | 0.051    | -   |
| LTE Band 26_FCC |                 |            | 1       | 0        | Top Edge     | 0             | 26765   | 821.5       | 18.50                                        | 17.70                     | 120.23% | 0.555                       | 0.667    | 070 |
| LTE Band 26_FCC |                 |            | 1       | 0        | Top Edge     | 0             | 26865   | 831.5       | 18.50                                        | 17.51                     | 125.60% | 0.534                       | 0.671    | -   |
| LTE Band 26_FCC |                 |            | 1       | 0        | Top Edge     | 0             | 26965   | 841.5       | 18.50                                        | 17.61                     | 122.74% | 0.515                       | 0.632    | -   |
| LTE Band 26_FCC |                 |            | 36      | 18       | Top Edge     | 0             | 26765   | 821.5       | 17.50                                        | 16.54                     | 124.74% | 0.508                       | 0.634    | -   |
| LTE Band 26_FCC |                 |            | 1       | 0        | Right Edge   | 0             | 26765   | 821.5       | 18.50                                        | 17.70                     | 120.23% | 0.095                       | 0.114    | -   |
| LTE Band 26_FCC |                 |            | 36      | 18       | Right Edge   | 0             | 26765   | 821.5       | 17.50                                        | 16.54                     | 124.74% | 0.078                       | 0.097    | -   |
| LTE Band 26_FCC |                 |            | 1       | 0        | Left Edge    | 0             | 26765   | 821.5       | 18.50                                        | 17.70                     | 120.23% | 0.026                       | 0.031    | -   |
| LTE Band 26_FCC |                 |            | 36      | 18       | Left Edge    | 0             | 26765   | 821.5       | 17.50                                        | 16.54                     | 124.74% | 0.015                       | 0.019    | -   |
| LTE Band 26_FCC |                 |            | 1       | 0        | Top Edge**   | 0             | 26765   | 821.5       | 18.50                                        | 17.70                     | 120.23% | 0.524                       | 0.630    | -   |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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|                   |       |      |    |    |              |   |        |        |       |       |         |       |       |     |
|-------------------|-------|------|----|----|--------------|---|--------|--------|-------|-------|---------|-------|-------|-----|
| LTE Band 71       | 20MHz | QPSK | 1  | 0  | Back Surface | 0 | 133372 | 688    | 20.00 | 19.85 | 103.51% | 0.072 | 0.075 | -   |
| LTE Band 71       |       |      | 50 | 0  | Back Surface | 0 | 133372 | 688    | 19.00 | 18.72 | 106.66% | 0.060 | 0.064 | -   |
| LTE Band 71       |       |      | 1  | 0  | Top Edge     | 0 | 133222 | 673    | 20.00 | 19.76 | 105.68% | 0.720 | 0.761 | -   |
| LTE Band 71       |       |      | 1  | 0  | Top Edge     | 0 | 133297 | 680.5  | 20.00 | 19.73 | 106.41% | 0.735 | 0.782 | -   |
| LTE Band 71       |       |      | 1  | 0  | Top Edge     | 0 | 133372 | 688    | 20.00 | 19.85 | 103.51% | 0.753 | 0.779 | 072 |
| LTE Band 71       |       |      | 50 | 0  | Top Edge     | 0 | 133372 | 688    | 19.00 | 18.72 | 106.66% | 0.588 | 0.627 | -   |
| LTE Band 71       |       |      | 1  | 0  | Right Edge   | 0 | 133372 | 688    | 20.00 | 19.85 | 103.51% | 0.118 | 0.122 | -   |
| LTE Band 71       |       |      | 50 | 0  | Right Edge   | 0 | 133372 | 688    | 19.00 | 18.72 | 106.66% | 0.094 | 0.100 | -   |
| LTE Band 71       |       |      | 1  | 0  | Left Edge    | 0 | 133372 | 688    | 20.00 | 19.85 | 103.51% | 0.031 | 0.032 | -   |
| LTE Band 71       |       |      | 50 | 0  | Left Edge    | 0 | 133372 | 688    | 19.00 | 18.72 | 106.66% | 0.026 | 0.028 | -   |
| LTE Band 71       |       |      | 1  | 0  | Top Edge**   | 0 | 133372 | 688    | 20.00 | 19.85 | 103.51% | 0.684 | 0.708 | -   |
| LTE Band 41_PC3   | 20MHz | QPSK | 1  | 0  | Back Surface | 0 | 39750  | 2506   | 15.50 | 15.13 | 108.89% | 0.055 | 0.060 | -   |
| LTE Band 41_PC3   |       |      | 50 | 25 | Back Surface | 0 | 39750  | 2506   | 14.50 | 14.09 | 109.90% | 0.048 | 0.053 | -   |
| LTE Band 41_PC3   |       |      | 1  | 0  | Top Edge     | 0 | 39750  | 2506   | 15.50 | 15.13 | 108.89% | 0.572 | 0.623 | -   |
| LTE Band 41_PC3   |       |      | 1  | 0  | Top Edge     | 0 | 40185  | 2549.5 | 15.50 | 14.72 | 119.67% | 0.605 | 0.724 | 073 |
| LTE Band 41_PC3   |       |      | 1  | 0  | Top Edge     | 0 | 40620  | 2593   | 15.50 | 14.80 | 117.49% | 0.583 | 0.685 | -   |
| LTE Band 41_PC3   |       |      | 1  | 0  | Top Edge     | 0 | 41055  | 2636.5 | 15.50 | 14.59 | 123.31% | 0.561 | 0.679 | -   |
| LTE Band 41_PC3   |       |      | 1  | 0  | Top Edge     | 0 | 41490  | 2680   | 15.50 | 14.64 | 121.90% | 0.535 | 0.652 | -   |
| LTE Band 41_PC3   |       |      | 50 | 25 | Top Edge     | 0 | 39750  | 2506   | 14.50 | 14.09 | 109.90% | 0.541 | 0.595 | -   |
| LTE Band 41_PC3   |       |      | 1  | 0  | Right Edge   | 0 | 39750  | 2506   | 15.50 | 15.13 | 108.89% | 0.116 | 0.126 | -   |
| LTE Band 41_PC3   |       |      | 50 | 25 | Right Edge   | 0 | 39750  | 2506   | 14.50 | 14.09 | 109.90% | 0.081 | 0.089 | -   |
| LTE Band 41_PC3   |       |      | 1  | 0  | Left Edge    | 0 | 39750  | 2506   | 15.50 | 15.13 | 108.89% | 0.030 | 0.033 | -   |
| LTE Band 41_PC3   |       |      | 50 | 25 | Left Edge    | 0 | 39750  | 2506   | 14.50 | 14.09 | 109.90% | 0.022 | 0.024 | -   |
| LTE Band 41_PC3   |       |      | 1  | 0  | Top Edge**   | 0 | 40185  | 2549.5 | 15.50 | 14.72 | 119.67% | 0.547 | 0.655 | -   |
| LTE Band 42_Part1 | 20MHz | QPSK | 1  | 0  | Back Surface | 0 | 42990  | 3540   | 14.50 | 14.35 | 103.51% | 0.053 | 0.055 | -   |
| LTE Band 42_Part1 |       |      | 50 | 0  | Back Surface | 0 | 42990  | 3540   | 13.50 | 13.28 | 105.20% | 0.044 | 0.046 | -   |
| LTE Band 42_Part1 |       |      | 1  | 0  | Top Edge     | 0 | 42190  | 3460   | 14.50 | 14.28 | 105.20% | 0.637 | 0.670 | -   |
| LTE Band 42_Part1 |       |      | 1  | 0  | Top Edge     | 0 | 42590  | 3500   | 14.50 | 14.34 | 103.75% | 0.736 | 0.764 | 075 |
| LTE Band 42_Part1 |       |      | 1  | 0  | Top Edge     | 0 | 42990  | 3540   | 14.50 | 14.35 | 103.51% | 0.703 | 0.728 | -   |
| LTE Band 42_Part1 |       |      | 50 | 0  | Top Edge     | 0 | 42990  | 3540   | 13.50 | 13.28 | 105.20% | 0.674 | 0.709 | -   |
| LTE Band 42_Part1 |       |      | 1  | 0  | Right Edge   | 0 | 42990  | 3540   | 14.50 | 14.35 | 103.51% | 0.107 | 0.111 | -   |
| LTE Band 42_Part1 |       |      | 50 | 0  | Right Edge   | 0 | 42990  | 3540   | 13.50 | 13.28 | 105.20% | 0.092 | 0.097 | -   |
| LTE Band 42_Part1 |       |      | 1  | 0  | Left Edge    | 0 | 42990  | 3540   | 14.50 | 14.35 | 103.51% | 0.029 | 0.030 | -   |
| LTE Band 42_Part1 |       |      | 50 | 0  | Left Edge    | 0 | 42990  | 3540   | 13.50 | 13.28 | 105.20% | 0.021 | 0.022 | -   |
| LTE Band 42_Part1 |       |      | 1  | 0  | Top Edge**   | 0 | 42590  | 3500   | 14.50 | 14.34 | 103.75% | 0.688 | 0.714 | -   |
| LTE Band 42_Part2 | 20MHz | QPSK | 1  | 0  | Back Surface | 0 | 43190  | 3560   | 14.50 | 14.47 | 100.69% | 0.057 | 0.057 | -   |
| LTE Band 42_Part2 |       |      | 50 | 50 | Back Surface | 0 | 43190  | 3560   | 13.50 | 13.38 | 102.80% | 0.049 | 0.050 | -   |
| LTE Band 42_Part2 |       |      | 1  | 0  | Top Edge     | 0 | 43190  | 3560   | 14.50 | 14.47 | 100.69% | 0.663 | 0.668 | -   |
| LTE Band 42_Part2 |       |      | 1  | 0  | Top Edge     | 0 | 43340  | 3575   | 14.50 | 14.42 | 101.86% | 0.692 | 0.705 | 076 |
| LTE Band 42_Part2 |       |      | 1  | 0  | Top Edge     | 0 | 43490  | 3590   | 14.50 | 14.36 | 103.28% | 0.630 | 0.651 | -   |
| LTE Band 42_Part2 |       |      | 50 | 50 | Top Edge     | 0 | 43190  | 3560   | 13.50 | 13.38 | 102.80% | 0.627 | 0.645 | -   |
| LTE Band 42_Part2 |       |      | 1  | 0  | Right Edge   | 0 | 43190  | 3560   | 14.50 | 14.47 | 100.69% | 0.093 | 0.094 | -   |
| LTE Band 42_Part2 |       |      | 50 | 50 | Right Edge   | 0 | 43190  | 3560   | 13.50 | 13.38 | 102.80% | 0.084 | 0.086 | -   |
| LTE Band 42_Part2 |       |      | 1  | 0  | Left Edge    | 0 | 43190  | 3560   | 14.50 | 14.47 | 100.69% | 0.026 | 0.026 | -   |
| LTE Band 42_Part2 |       |      | 50 | 50 | Left Edge    | 0 | 43190  | 3560   | 13.50 | 13.38 | 102.80% | 0.021 | 0.022 | -   |
| LTE Band 42_Part2 |       |      | 1  | 0  | Top Edge**   | 0 | 43340  | 3575   | 14.50 | 14.42 | 101.86% | 0.593 | 0.604 | -   |
| LTE Band 48       | 20MHz | QPSK | 1  | 0  | Back Surface | 0 | 56150  | 3641   | 14.50 | 14.38 | 102.80% | 0.055 | 0.057 | -   |
| LTE Band 48       |       |      | 50 | 50 | Back Surface | 0 | 56150  | 3641   | 13.50 | 13.33 | 103.99% | 0.048 | 0.050 | -   |
| LTE Band 48       |       |      | 1  | 0  | Top Edge     | 0 | 55340  | 3560   | 14.50 | 14.31 | 104.47% | 0.710 | 0.742 | 078 |
| LTE Band 48       |       |      | 1  | 0  | Top Edge     | 0 | 55830  | 3609   | 14.50 | 14.22 | 106.66% | 0.653 | 0.696 | -   |
| LTE Band 48       |       |      | 1  | 0  | Top Edge     | 0 | 56150  | 3641   | 14.50 | 14.38 | 102.80% | 0.639 | 0.657 | -   |
| LTE Band 48       |       |      | 1  | 0  | Top Edge     | 0 | 56640  | 3690   | 14.50 | 14.37 | 103.04% | 0.657 | 0.677 | -   |
| LTE Band 48       |       |      | 50 | 50 | Top Edge     | 0 | 56150  | 3641   | 13.50 | 13.33 | 103.99% | 0.626 | 0.651 | -   |
| LTE Band 48       |       |      | 1  | 0  | Right Edge   | 0 | 56150  | 3641   | 14.50 | 14.38 | 102.80% | 0.116 | 0.119 | -   |
| LTE Band 48       |       |      | 50 | 50 | Right Edge   | 0 | 56150  | 3641   | 13.50 | 13.33 | 103.99% | 0.102 | 0.106 | -   |
| LTE Band 48       |       |      | 1  | 0  | Left Edge    | 0 | 56150  | 3641   | 14.50 | 14.38 | 102.80% | 0.034 | 0.035 | -   |
| LTE Band 48       |       |      | 50 | 50 | Left Edge    | 0 | 56150  | 3641   | 13.50 | 13.33 | 103.99% | 0.025 | 0.026 | -   |
| LTE Band 48       |       |      | 1  | 0  | Top Edge**   | 0 | 55340  | 3560   | 14.50 | 14.31 | 104.47% | 0.664 | 0.694 | -   |

Note: \* - repeated at the highest SAR measurement according to the KDB 865664 D01

Note: \*\* - Vendor2 Spot check

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| Band   | Bandwidth (MHz) | Modulation             | RB Size | RB start | Position     | Distance (mm) | Channel | Freq. (MHz) | Max. Rated Avg. Power + Max. Tolerance (dBm) | Measured Avg. Power (dBm) | Scaling | Averaged SAR over 1g (W/kg) |          | ID  |
|--------|-----------------|------------------------|---------|----------|--------------|---------------|---------|-------------|----------------------------------------------|---------------------------|---------|-----------------------------|----------|-----|
|        |                 |                        |         |          |              |               |         |             |                                              |                           |         | Measured                    | Reported |     |
| NR n2  | 30MHz           | SCS 15kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 373000  | 1865        | 16.00                                        | 15.98                     | 100.46% | 0.034                       | 0.034    | -   |
| NR n2  |                 |                        | 80      | 40       | Back Surface | 0             | 373000  | 1865        | 16.00                                        | 15.85                     | 103.51% | 0.026                       | 0.027    | -   |
| NR n2  |                 |                        | 1       | 1        | Top Edge     | 0             | 373000  | 1865        | 16.00                                        | 15.98                     | 100.46% | 0.540                       | 0.542    | 079 |
| NR n2  |                 |                        | 1       | 1        | Top Edge     | 0             | 376000  | 1880        | 16.00                                        | 15.96                     | 100.93% | 0.503                       | 0.508    | -   |
| NR n2  |                 |                        | 1       | 1        | Top Edge     | 0             | 379000  | 1895        | 16.00                                        | 15.93                     | 101.62% | 0.485                       | 0.493    | -   |
| NR n2  |                 |                        | 80      | 40       | Top Edge     | 0             | 373000  | 1865        | 16.00                                        | 15.85                     | 103.51% | 0.523                       | 0.541    | -   |
| NR n2  |                 |                        | 1       | 1        | Right Edge   | 0             | 373000  | 1865        | 16.00                                        | 15.98                     | 100.46% | 0.043                       | 0.043    | -   |
| NR n2  |                 |                        | 80      | 40       | Right Edge   | 0             | 373000  | 1865        | 16.00                                        | 15.85                     | 103.51% | 0.028                       | 0.029    | -   |
| NR n2  |                 |                        | 1       | 1        | Left Edge    | 0             | 373000  | 1865        | 16.00                                        | 15.98                     | 100.46% | 0.013                       | 0.013    | -   |
| NR n2  |                 |                        | 1       | 1        | Top Edge**   | 0             | 373000  | 1865        | 16.00                                        | 15.98                     | 100.46% | 0.477                       | 0.479    | -   |
| NR n5  | 25MHz           | SCS 15kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 167300  | 836.5       | 18.50                                        | 18.06                     | 110.66% | 0.045                       | 0.050    | -   |
| NR n5  |                 |                        | 64      | 32       | Back Surface | 0             | 167300  | 836.5       | 18.50                                        | 17.95                     | 113.50% | 0.037                       | 0.042    | -   |
| NR n5  |                 |                        | 1       | 1        | Top Edge     | 0             | 167300  | 836.5       | 18.50                                        | 18.06                     | 110.66% | 0.703                       | 0.778    | 080 |
| NR n5  |                 |                        | 64      | 32       | Top Edge     | 0             | 167300  | 836.5       | 18.50                                        | 17.95                     | 113.50% | 0.657                       | 0.746    | -   |
| NR n5  |                 |                        | 1       | 1        | Right Edge   | 0             | 167300  | 836.5       | 18.50                                        | 18.06                     | 110.66% | 0.134                       | 0.148    | -   |
| NR n5  |                 |                        | 64      | 32       | Right Edge   | 0             | 167300  | 836.5       | 18.50                                        | 17.95                     | 113.50% | 0.101                       | 0.115    | -   |
| NR n5  |                 |                        | 1       | 1        | Left Edge    | 0             | 167300  | 836.5       | 18.50                                        | 18.06                     | 110.66% | 0.027                       | 0.030    | -   |
| NR n5  |                 |                        | 64      | 32       | Left Edge    | 0             | 167300  | 836.5       | 18.50                                        | 17.95                     | 113.50% | 0.019                       | 0.022    | -   |
| NR n5  |                 |                        | 1       | 1        | Top Edge**   | 0             | 167300  | 836.5       | 18.50                                        | 18.06                     | 110.66% | 0.619                       | 0.685    | -   |
| NR n12 | 15MHz           | SCS 15kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 141300  | 706.5       | 18.50                                        | 18.48                     | 100.46% | 0.078                       | 0.078    | -   |
| NR n12 |                 |                        | 36      | 22       | Back Surface | 0             | 141500  | 707.5       | 18.50                                        | 18.34                     | 103.75% | 0.064                       | 0.066    | -   |
| NR n12 |                 |                        | 1       | 1        | Top Edge     | 0             | 141300  | 706.5       | 18.50                                        | 18.48                     | 100.46% | 0.783                       | 0.787    | -   |
| NR n12 |                 |                        | 1       | 1        | Top Edge     | 0             | 141500  | 707.5       | 18.50                                        | 18.44                     | 101.39% | 0.933                       | 0.946    | 081 |
| NR n12 |                 |                        | 1       | 1        | Top Edge     | 0             | 141700  | 708.5       | 18.50                                        | 18.43                     | 101.62% | 0.832                       | 0.846    | -   |
| NR n12 |                 |                        | 36      | 22       | Top Edge     | 0             | 141500  | 707.5       | 18.50                                        | 18.34                     | 103.75% | 0.726                       | 0.753    | -   |
| NR n12 |                 |                        | 75      | 0        | Top Edge     | 0             | 141300  | 706.5       | 18.00                                        | 17.94                     | 101.39% | 0.698                       | 0.708    | -   |
| NR n12 |                 |                        | 1       | 1        | Right Edge   | 0             | 141300  | 706.5       | 18.50                                        | 18.48                     | 100.46% | 0.155                       | 0.156    | -   |
| NR n12 |                 |                        | 36      | 22       | Right Edge   | 0             | 141500  | 707.5       | 18.50                                        | 18.34                     | 103.75% | 0.111                       | 0.115    | -   |
| NR n12 |                 |                        | 1       | 1        | Left Edge    | 0             | 141300  | 706.5       | 18.50                                        | 18.48                     | 100.46% | 0.053                       | 0.053    | -   |
| NR n12 |                 |                        | 36      | 22       | Left Edge    | 0             | 141500  | 707.5       | 18.50                                        | 18.34                     | 103.75% | 0.048                       | 0.050    | -   |
| NR n12 |                 |                        | 1       | 1        | Top Edge*    | 0             | 141500  | 707.5       | 18.50                                        | 18.44                     | 101.39% | 0.928                       | 0.941    | -   |
| NR n12 |                 |                        | 1       | 1        | Top Edge**   | 0             | 141500  | 707.5       | 18.50                                        | 18.44                     | 101.39% | 0.847                       | 0.859    | -   |
| NR n14 | 10MHz           | SCS 15kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 158600  | 793         | 18.50                                        | 18.48                     | 100.46% | 0.024                       | 0.024    | -   |
| NR n14 |                 |                        | 25      | 13       | Back Surface | 0             | 158600  | 793         | 18.50                                        | 18.36                     | 103.28% | 0.018                       | 0.019    | -   |
| NR n14 |                 |                        | 1       | 1        | Top Edge     | 0             | 158600  | 793         | 18.50                                        | 18.48                     | 100.46% | 0.406                       | 0.408    | 082 |
| NR n14 |                 |                        | 25      | 13       | Top Edge     | 0             | 158600  | 793         | 18.50                                        | 18.36                     | 103.28% | 0.327                       | 0.338    | -   |
| NR n14 |                 |                        | 1       | 1        | Right Edge   | 0             | 158600  | 793         | 18.50                                        | 18.48                     | 100.46% | 0.036                       | 0.036    | -   |
| NR n14 |                 |                        | 25      | 13       | Right Edge   | 0             | 158600  | 793         | 18.50                                        | 18.36                     | 103.28% | 0.029                       | 0.030    | -   |
| NR n14 |                 |                        | 1       | 1        | Left Edge    | 0             | 158600  | 793         | 18.50                                        | 18.48                     | 100.46% | 0.009                       | 0.009    | -   |
| NR n14 |                 |                        | 25      | 13       | Left Edge    | 0             | 158600  | 793         | 18.50                                        | 18.36                     | 103.28% | 0.006                       | 0.006    | -   |
| NR n14 |                 |                        | 1       | 1        | Top Edge**   | 0             | 158600  | 793         | 18.50                                        | 18.48                     | 100.46% | 0.339                       | 0.341    | -   |
| NR n25 | 45MHz           | SCS 15kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 378500  | 1892.5      | 16.00                                        | 15.99                     | 100.23% | 0.036                       | 0.036    | -   |
| NR n25 |                 |                        | 120     | 60       | Back Surface | 0             | 378500  | 1892.5      | 16.00                                        | 15.84                     | 103.75% | 0.028                       | 0.029    | -   |
| NR n25 |                 |                        | 1       | 1        | Top Edge     | 0             | 374500  | 1872.5      | 16.00                                        | 15.90                     | 102.33% | 0.698                       | 0.714    | 083 |
| NR n25 |                 |                        | 1       | 1        | Top Edge     | 0             | 376500  | 1882.5      | 16.00                                        | 15.98                     | 100.46% | 0.588                       | 0.591    | -   |
| NR n25 |                 |                        | 1       | 1        | Top Edge     | 0             | 378500  | 1892.5      | 16.00                                        | 15.99                     | 100.23% | 0.614                       | 0.615    | -   |
| NR n25 |                 |                        | 120     | 60       | Top Edge     | 0             | 378500  | 1892.5      | 16.00                                        | 15.84                     | 103.75% | 0.537                       | 0.557    | -   |
| NR n25 |                 |                        | 1       | 1        | Right Edge   | 0             | 378500  | 1892.5      | 16.00                                        | 15.99                     | 100.23% | 0.058                       | 0.058    | -   |
| NR n25 |                 |                        | 120     | 60       | Right Edge   | 0             | 378500  | 1892.5      | 16.00                                        | 15.84                     | 103.75% | 0.042                       | 0.044    | -   |
| NR n25 |                 |                        | 1       | 1        | Left Edge    | 0             | 378500  | 1892.5      | 16.00                                        | 15.99                     | 100.23% | 0.023                       | 0.023    | -   |
| NR n25 |                 |                        | 120     | 60       | Left Edge    | 0             | 378500  | 1892.5      | 16.00                                        | 15.84                     | 103.75% | 0.018                       | 0.019    | -   |
| NR n25 |                 |                        | 1       | 1        | Top Edge**   | 0             | 374500  | 1872.5      | 16.00                                        | 15.90                     | 102.33% | 0.639                       | 0.654    | -   |
| NR n26 | 20MHz           | SCS 15kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 166300  | 831.5       | 18.50                                        | 18.48                     | 100.46% | 0.053                       | 0.053    | -   |
| NR n26 |                 |                        | 50      | 28       | Back Surface | 0             | 166300  | 831.5       | 18.50                                        | 18.33                     | 103.99% | 0.039                       | 0.041    | -   |
| NR n26 |                 |                        | 1       | 1        | Top Edge     | 0             | 164800  | 824         | 18.50                                        | 18.47                     | 100.69% | 0.739                       | 0.744    | -   |
| NR n26 |                 |                        | 1       | 1        | Top Edge     | 0             | 166300  | 831.5       | 18.50                                        | 18.48                     | 100.46% | 0.785                       | 0.789    | 084 |
| NR n26 |                 |                        | 1       | 1        | Top Edge     | 0             | 167800  | 839         | 18.50                                        | 18.35                     | 103.51% | 0.727                       | 0.753    | -   |
| NR n26 |                 |                        | 50      | 28       | Top Edge     | 0             | 166300  | 831.5       | 18.50                                        | 18.33                     | 103.99% | 0.689                       | 0.717    | -   |
| NR n26 |                 |                        | 1       | 1        | Right Edge   | 0             | 166300  | 831.5       | 18.50                                        | 18.48                     | 100.46% | 0.062                       | 0.062    | -   |
| NR n26 |                 |                        | 50      | 28       | Right Edge   | 0             | 166300  | 831.5       | 18.50                                        | 18.33                     | 103.99% | 0.057                       | 0.059    | -   |
| NR n26 |                 |                        | 1       | 1        | Left Edge    | 0             | 166300  | 831.5       | 18.50                                        | 18.48                     | 100.46% | 0.024                       | 0.024    | -   |
| NR n26 |                 |                        | 50      | 28       | Left Edge    | 0             | 166300  | 831.5       | 18.50                                        | 18.33                     | 103.99% | 0.018                       | 0.019    | -   |
| NR n26 |                 |                        | 1       | 1        | Top Edge**   | 0             | 166300  | 831.5       | 18.50                                        | 18.48                     | 100.46% | 0.664                       | 0.667    | -   |
| NR n71 | 20MHz           | SCS 15kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 136100  | 680.5       | 14.00                                        | 13.99                     | 100.23% | 0.006                       | 0.006    | -   |
| NR n71 |                 |                        | 50      | 28       | Back Surface | 0             | 136100  | 680.5       | 14.00                                        | 13.94                     | 101.39% | 0.004                       | 0.004    | -   |
| NR n71 |                 |                        | 1       | 1        | Top Edge     | 0             | 134600  | 673         | 14.00                                        | 13.98                     | 100.46% | 0.193                       | 0.194    | -   |
| NR n71 |                 |                        | 1       | 1        | Top Edge     | 0             | 136100  | 680.5       | 14.00                                        | 13.99                     | 100.23% | 0.210                       | 0.210    | 085 |
| NR n71 |                 |                        | 1       | 1        | Top Edge     | 0             | 137600  | 688         | 14.00                                        | 13.95                     | 101.16% | 0.184                       | 0.186    | -   |
| NR n71 |                 |                        | 50      | 28       | Top Edge     | 0             | 136100  | 680.5       | 14.00                                        | 13.94                     | 101.39% | 0.173                       | 0.175    | -   |
| NR n71 |                 |                        | 1       | 1        | Right Edge   | 0             | 136100  | 680.5       | 14.00                                        | 13.99                     | 100.23% | 0.011                       | 0.011    | -   |
| NR n71 |                 |                        | 50      | 28       | Right Edge   | 0             | 136100  | 680.5       | 14.00                                        | 13.94                     | 101.39% | 0.008                       | 0.008    | -   |
| NR n71 |                 |                        | 1       | 1        | Left Edge    | 0             | 136100  | 680.5       | 14.00                                        | 13.99                     | 100.23% | 0.003                       | 0.003    | -   |
| NR n71 |                 |                        | 50      | 28       | Left Edge    | 0             | 136100  | 680.5       | 14.00                                        | 13.94                     | 101.39% | 0.002                       | 0.002    | -   |
| NR n71 |                 |                        | 1       | 1        | Top Edge**   | 0             | 136100  | 680.5       | 14.00                                        | 13.99                     | 100.23% | 0.165                       | 0.165    | -   |

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|                      |        |                        |     |    |              |   |        |          |       |       |         |       |       |     |
|----------------------|--------|------------------------|-----|----|--------------|---|--------|----------|-------|-------|---------|-------|-------|-----|
| NR n41_PC3           | 100MHz | SCS 30kHz<br>Pi/2 BPSK | 1   | 1  | Back Surface | 0 | 509202 | 2546.01  | 15.50 | 15.34 | 103.75% | 0.016 | 0.017 | -   |
| NR n41_PC3           |        |                        | 135 | 69 | Back Surface | 0 | 509202 | 2546.01  | 15.50 | 15.29 | 104.95% | 0.013 | 0.014 | -   |
| NR n41_PC3           |        |                        | 1   | 1  | Top Edge     | 0 | 509202 | 2546.01  | 15.50 | 15.34 | 103.75% | 0.465 | 0.482 | 086 |
| NR n41_PC3           |        |                        | 1   | 1  | Top Edge     | 0 | 518598 | 2592.99  | 15.50 | 15.17 | 107.89% | 0.437 | 0.471 | -   |
| NR n41_PC3           |        |                        | 1   | 1  | Top Edge     | 0 | 528000 | 2640     | 15.50 | 14.76 | 118.58% | 0.402 | 0.477 | -   |
| NR n41_PC3           |        |                        | 135 | 69 | Top Edge     | 0 | 509202 | 2546.01  | 15.50 | 15.29 | 104.95% | 0.429 | 0.450 | -   |
| NR n41_PC3           |        |                        | 1   | 1  | Right Edge   | 0 | 509202 | 2546.01  | 15.50 | 15.34 | 103.75% | 0.026 | 0.027 | -   |
| NR n41_PC3           |        |                        | 135 | 69 | Right Edge   | 0 | 509202 | 2546.01  | 15.50 | 15.29 | 104.95% | 0.022 | 0.023 | -   |
| NR n41_PC3           |        |                        | 1   | 1  | Left Edge    | 0 | 509202 | 2546.01  | 15.50 | 15.34 | 103.75% | 0.010 | 0.010 | -   |
| NR n41_PC3           |        |                        | 135 | 69 | Left Edge    | 0 | 509202 | 2546.01  | 15.50 | 15.29 | 104.95% | 0.006 | 0.006 | -   |
| NR n41_PC3           |        |                        | 1   | 1  | Top Edge**   | 0 | 509202 | 2546.01  | 15.50 | 15.34 | 103.75% | 0.388 | 0.403 | -   |
| NR n48               | 40MHz  | SCS 30kHz<br>Pi/2 BPSK | 1   | 1  | Back Surface | 0 | 638000 | 3570     | 14.50 | 14.45 | 101.16% | 0.023 | 0.023 | -   |
| NR n48               |        |                        | 50  | 28 | Back Surface | 0 | 641668 | 3625.02  | 14.50 | 14.31 | 104.47% | 0.020 | 0.021 | -   |
| NR n48               |        |                        | 1   | 1  | Top Edge     | 0 | 638000 | 3570     | 14.50 | 14.45 | 101.16% | 0.518 | 0.524 | 087 |
| NR n48               |        |                        | 1   | 1  | Top Edge     | 0 | 641668 | 3625.02  | 14.50 | 14.41 | 102.09% | 0.488 | 0.498 | -   |
| NR n48               |        |                        | 1   | 1  | Top Edge     | 0 | 645332 | 3679.98  | 14.50 | 14.30 | 104.71% | 0.452 | 0.473 | -   |
| NR n48               |        |                        | 50  | 28 | Top Edge     | 0 | 641668 | 3625.02  | 14.50 | 14.31 | 104.47% | 0.457 | 0.477 | -   |
| NR n48               |        |                        | 1   | 1  | Right Edge   | 0 | 638000 | 3570     | 14.50 | 14.45 | 101.16% | 0.031 | 0.031 | -   |
| NR n48               |        |                        | 50  | 28 | Right Edge   | 0 | 641668 | 3625.02  | 14.50 | 14.31 | 104.47% | 0.028 | 0.029 | -   |
| NR n48               |        |                        | 1   | 1  | Left Edge    | 0 | 638000 | 3570     | 14.50 | 14.45 | 101.16% | 0.017 | 0.017 | -   |
| NR n48               |        |                        | 50  | 28 | Left Edge    | 0 | 641668 | 3625.02  | 14.50 | 14.31 | 104.47% | 0.013 | 0.014 | -   |
| NR n48               |        |                        | 1   | 1  | Top Edge**   | 0 | 638000 | 3570     | 14.50 | 14.41 | 101.16% | 0.457 | 0.462 | -   |
| NR n77_PC3_FCC       | 100MHz | SCS 30kHz<br>Pi/2 BPSK | 1   | 1  | Back Surface | 0 | 650000 | 3750     | 14.00 | 13.97 | 100.69% | 0.039 | 0.039 | -   |
| NR n77_PC3_FCC       |        |                        | 135 | 69 | Back Surface | 0 | 650000 | 3750     | 14.00 | 13.88 | 102.80% | 0.036 | 0.037 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 650000 | 3750     | 14.00 | 13.97 | 100.69% | 0.631 | 0.635 | 088 |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 653000 | 3795     | 14.00 | 13.84 | 103.75% | 0.610 | 0.633 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 656000 | 3840     | 14.00 | 13.72 | 106.66% | 0.583 | 0.622 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 659000 | 3885     | 14.00 | 13.53 | 111.43% | 0.564 | 0.628 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 662000 | 3930     | 14.00 | 13.46 | 113.24% | 0.551 | 0.624 | -   |
| NR n77_PC3_FCC       |        |                        | 135 | 69 | Top Edge     | 0 | 650000 | 3750     | 14.00 | 13.88 | 102.80% | 0.603 | 0.620 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Right Edge   | 0 | 650000 | 3750     | 14.00 | 13.97 | 100.69% | 0.048 | 0.048 | -   |
| NR n77_PC3_FCC       |        |                        | 135 | 69 | Right Edge   | 0 | 650000 | 3750     | 14.00 | 13.88 | 102.80% | 0.043 | 0.044 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Left Edge    | 0 | 650000 | 3750     | 14.00 | 13.97 | 100.69% | 0.028 | 0.028 | -   |
| NR n77_PC3_FCC       |        |                        | 135 | 69 | Left Edge    | 0 | 650000 | 3750     | 14.00 | 13.88 | 102.80% | 0.024 | 0.025 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge**   | 0 | 650000 | 3750     | 14.00 | 13.97 | 100.69% | 0.553 | 0.557 | -   |
| NR n77_PC2_FCC       | 100MHz | SCS 30kHz<br>Pi/2 BPSK | 1   | 1  | Back Surface | 0 | 650000 | 3750     | 14.00 | 13.94 | 101.39% | 0.016 | 0.016 | -   |
| NR n77_PC2_FCC       |        |                        | 135 | 69 | Back Surface | 0 | 650000 | 3750     | 14.00 | 13.80 | 104.71% | 0.013 | 0.014 | -   |
| NR n77_PC2_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 650000 | 3750     | 14.00 | 13.94 | 101.39% | 0.157 | 0.159 | 089 |
| NR n77_PC2_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 653000 | 3795     | 14.00 | 13.85 | 103.51% | 0.132 | 0.137 | -   |
| NR n77_PC2_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 656000 | 3840     | 14.00 | 13.70 | 107.15% | 0.126 | 0.135 | -   |
| NR n77_PC2_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 659000 | 3885     | 14.00 | 13.50 | 112.20% | 0.119 | 0.134 | -   |
| NR n77_PC2_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 662000 | 3930     | 14.00 | 13.42 | 114.29% | 0.104 | 0.119 | -   |
| NR n77_PC2_FCC       |        |                        | 135 | 69 | Top Edge     | 0 | 650000 | 3750     | 14.00 | 13.80 | 104.71% | 0.109 | 0.114 | -   |
| NR n77_PC2_FCC       |        |                        | 1   | 1  | Right Edge   | 0 | 650000 | 3750     | 14.00 | 13.94 | 101.39% | 0.021 | 0.021 | -   |
| NR n77_PC2_FCC       |        |                        | 135 | 69 | Right Edge   | 0 | 650000 | 3750     | 14.00 | 13.80 | 104.71% | 0.016 | 0.017 | -   |
| NR n77_PC2_FCC       |        |                        | 1   | 1  | Left Edge    | 0 | 650000 | 3750     | 14.00 | 13.94 | 101.39% | 0.009 | 0.009 | -   |
| NR n77_PC2_FCC       |        |                        | 135 | 69 | Left Edge    | 0 | 650000 | 3750     | 14.00 | 13.80 | 104.71% | 0.006 | 0.006 | -   |
| NR n77_PC2_FCC       |        |                        | 1   | 1  | Top Edge**   | 0 | 650000 | 3750     | 14.00 | 13.94 | 101.39% | 0.119 | 0.121 | -   |
| NR n77 & n78_PC3_FCC | 100MHz | SCS 30kHz<br>Pi/2 BPSK | 1   | 1  | Back Surface | 0 | 633333 | 3499.995 | 14.00 | 13.94 | 101.39% | 0.033 | 0.033 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 135 | 69 | Back Surface | 0 | 633333 | 3499.995 | 14.00 | 13.83 | 103.99% | 0.029 | 0.030 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 1   | 1  | Top Edge     | 0 | 633333 | 3499.995 | 14.00 | 13.94 | 101.39% | 0.619 | 0.628 | 090 |
| NR n77 & n78_PC3_FCC |        |                        | 135 | 69 | Top Edge     | 0 | 633333 | 3499.995 | 14.00 | 13.83 | 103.99% | 0.600 | 0.624 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 1   | 1  | Right Edge   | 0 | 633333 | 3499.995 | 14.00 | 13.94 | 101.39% | 0.042 | 0.043 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 135 | 69 | Right Edge   | 0 | 633333 | 3499.995 | 14.00 | 13.83 | 103.99% | 0.040 | 0.042 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 1   | 1  | Left Edge    | 0 | 633333 | 3499.995 | 14.00 | 13.94 | 101.39% | 0.023 | 0.023 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 135 | 69 | Left Edge    | 0 | 633333 | 3499.995 | 14.00 | 13.83 | 103.99% | 0.020 | 0.021 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 1   | 1  | Top Edge**   | 0 | 633333 | 3499.995 | 14.00 | 13.94 | 101.39% | 0.541 | 0.549 | -   |
| NR n77 & n78_PC2_FCC | 100MHz | SCS 30kHz<br>Pi/2 BPSK | 1   | 1  | Back Surface | 0 | 633333 | 3499.995 | 14.00 | 13.96 | 100.93% | 0.015 | 0.015 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 135 | 69 | Back Surface | 0 | 633333 | 3499.995 | 14.00 | 13.79 | 104.95% | 0.011 | 0.012 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 1   | 1  | Top Edge     | 0 | 633333 | 3499.995 | 14.00 | 13.96 | 100.93% | 0.142 | 0.143 | 091 |
| NR n77 & n78_PC2_FCC |        |                        | 135 | 69 | Top Edge     | 0 | 633333 | 3499.995 | 14.00 | 13.79 | 104.95% | 0.124 | 0.130 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 1   | 1  | Right Edge   | 0 | 633333 | 3499.995 | 14.00 | 13.96 | 100.93% | 0.022 | 0.022 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 135 | 69 | Right Edge   | 0 | 633333 | 3499.995 | 14.00 | 13.79 | 104.95% | 0.019 | 0.020 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 1   | 1  | Left Edge    | 0 | 633333 | 3499.995 | 14.00 | 13.96 | 100.93% | 0.014 | 0.014 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 135 | 69 | Left Edge    | 0 | 633333 | 3499.995 | 14.00 | 13.79 | 104.95% | 0.006 | 0.006 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 1   | 1  | Top Edge**   | 0 | 633333 | 3499.995 | 14.00 | 13.96 | 100.93% | 0.112 | 0.113 | -   |

Note: \* - repeated at the highest SAR measurement according to the KDB 865664 D01

Note: \*\* - Vendor2 Spot check

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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## Ant8

| Band        | Bandwidth (MHz) | Modulation | RB Size | RB start | Position     | Distance (mm) | Channel | Freq. (MHz) | Max. Rated Avg. Power + Max. Tolerance (dBm) | Measured Avg. Power (dBm) | Scaling | Averaged SAR over 1g (W/kg) |          | ID  |
|-------------|-----------------|------------|---------|----------|--------------|---------------|---------|-------------|----------------------------------------------|---------------------------|---------|-----------------------------|----------|-----|
|             |                 |            |         |          |              |               |         |             |                                              |                           |         | Measured                    | Reported |     |
| LTE Band 2  | 20MHz           | QPSK       | 1       | 0        | Back Surface | 0             | 19100   | 1900        | 16.50                                        | 16.21                     | 106.91% | 0.033                       | 0.035    | -   |
| LTE Band 2  |                 |            | 50      | 25       | Back Surface | 0             | 19100   | 1860        | 15.50                                        | 15.08                     | 110.15% | 0.030                       | 0.033    | -   |
| LTE Band 2  |                 |            | 1       | 0        | Top Edge     | 0             | 18700   | 1860        | 16.50                                        | 15.84                     | 116.41% | 0.387                       | 0.451    | 094 |
| LTE Band 2  |                 |            | 1       | 0        | Top Edge     | 0             | 18900   | 1880        | 16.50                                        | 16.14                     | 108.64% | 0.366                       | 0.398    | -   |
| LTE Band 2  |                 |            | 1       | 0        | Top Edge     | 0             | 19100   | 1900        | 16.50                                        | 16.21                     | 106.91% | 0.348                       | 0.372    | -   |
| LTE Band 2  |                 |            | 50      | 25       | Top Edge     | 0             | 19100   | 1860        | 15.50                                        | 15.08                     | 110.15% | 0.334                       | 0.368    | -   |
| LTE Band 2  |                 |            | 1       | 0        | Right Edge   | 0             | 19100   | 1900        | 16.50                                        | 16.21                     | 106.91% | 0.027                       | 0.029    | -   |
| LTE Band 2  |                 |            | 50      | 25       | Right Edge   | 0             | 19100   | 1860        | 15.50                                        | 15.08                     | 110.15% | 0.024                       | 0.026    | -   |
| LTE Band 2  |                 |            | 1       | 0        | Left Edge    | 0             | 19100   | 1900        | 16.50                                        | 16.21                     | 106.91% | 0.012                       | 0.013    | -   |
| LTE Band 2  |                 |            | 50      | 25       | Left Edge    | 0             | 19100   | 1860        | 15.50                                        | 15.08                     | 110.15% | 0.010                       | 0.011    | -   |
| LTE Band 2  |                 |            | 1       | 0        | Top Edge**   | 0             | 18700   | 1860        | 16.50                                        | 15.84                     | 116.41% | 0.319                       | 0.371    | -   |
|             |                 |            |         |          |              |               |         |             |                                              |                           |         |                             |          |     |
| LTE Band 4  | 20MHz           | QPSK       | 1       | 0        | Back Surface | 0             | 20050   | 1720        | 17.00                                        | 16.87                     | 103.04% | 0.034                       | 0.035    | -   |
| LTE Band 4  |                 |            | 50      | 50       | Back Surface | 0             | 20050   | 1720        | 16.00                                        | 15.83                     | 103.99% | 0.032                       | 0.033    | -   |
| LTE Band 4  |                 |            | 1       | 0        | Top Edge     | 0             | 20050   | 1720        | 17.00                                        | 16.87                     | 103.04% | 0.523                       | 0.539    | -   |
| LTE Band 4  |                 |            | 1       | 0        | Top Edge     | 0             | 20175   | 1732.5      | 17.00                                        | 16.70                     | 107.15% | 0.501                       | 0.537    | -   |
| LTE Band 4  |                 |            | 1       | 0        | Top Edge     | 0             | 20300   | 1745        | 17.00                                        | 16.79                     | 104.95% | 0.540                       | 0.567    | 095 |
| LTE Band 4  |                 |            | 50      | 50       | Top Edge     | 0             | 20050   | 1720        | 16.00                                        | 15.83                     | 103.99% | 0.468                       | 0.487    | -   |
| LTE Band 4  |                 |            | 1       | 0        | Right Edge   | 0             | 20050   | 1720        | 17.00                                        | 16.87                     | 103.04% | 0.031                       | 0.032    | -   |
| LTE Band 4  |                 |            | 50      | 50       | Right Edge   | 0             | 20050   | 1720        | 16.00                                        | 15.83                     | 103.99% | 0.027                       | 0.028    | -   |
| LTE Band 4  |                 |            | 1       | 0        | Left Edge    | 0             | 20050   | 1720        | 17.00                                        | 16.87                     | 103.04% | 0.016                       | 0.016    | -   |
| LTE Band 4  |                 |            | 50      | 50       | Left Edge    | 0             | 20050   | 1720        | 16.00                                        | 15.83                     | 103.99% | 0.012                       | 0.012    | -   |
| LTE Band 4  |                 |            | 1       | 0        | Top Edge**   | 0             | 20300   | 1745        | 17.00                                        | 16.79                     | 104.95% | 0.485                       | 0.509    | -   |
|             |                 |            |         |          |              |               |         |             |                                              |                           |         |                             |          |     |
| LTE Band 7  | 20MHz           | QPSK       | 1       | 0        | Back Surface | 0             | 21100   | 2535        | 17.50                                        | 17.15                     | 108.39% | 0.034                       | 0.037    | -   |
| LTE Band 7  |                 |            | 50      | 0        | Back Surface | 0             | 21100   | 2535        | 16.50                                        | 16.10                     | 109.65% | 0.030                       | 0.033    | -   |
| LTE Band 7  |                 |            | 1       | 0        | Top Edge     | 0             | 20850   | 2510        | 17.50                                        | 17.02                     | 111.69% | 0.486                       | 0.543    | -   |
| LTE Band 7  |                 |            | 1       | 0        | Top Edge     | 0             | 21100   | 2535        | 17.50                                        | 17.15                     | 108.39% | 0.518                       | 0.561    | -   |
| LTE Band 7  |                 |            | 1       | 0        | Top Edge     | 0             | 21350   | 2560        | 17.50                                        | 17.10                     | 109.65% | 0.572                       | 0.627    | 096 |
| LTE Band 7  |                 |            | 50      | 0        | Top Edge     | 0             | 21100   | 2535        | 16.50                                        | 16.10                     | 109.65% | 0.458                       | 0.502    | -   |
| LTE Band 7  |                 |            | 1       | 0        | Right Edge   | 0             | 21100   | 2535        | 17.50                                        | 17.15                     | 108.39% | 0.031                       | 0.034    | -   |
| LTE Band 7  |                 |            | 50      | 0        | Right Edge   | 0             | 21100   | 2535        | 16.50                                        | 16.10                     | 109.65% | 0.024                       | 0.026    | -   |
| LTE Band 7  |                 |            | 1       | 0        | Left Edge    | 0             | 21100   | 2535        | 17.50                                        | 17.15                     | 108.39% | 0.014                       | 0.015    | -   |
| LTE Band 7  |                 |            | 50      | 0        | Left Edge    | 0             | 21100   | 2535        | 16.50                                        | 16.10                     | 109.65% | 0.011                       | 0.012    | -   |
| LTE Band 7  |                 |            | 1       | 0        | Top Edge**   | 0             | 21350   | 2560        | 17.50                                        | 17.10                     | 109.65% | 0.514                       | 0.564    | -   |
| 7C          |                 |            | 1       | 0        | Top Edge     | 0             | 21350   | 2560        | 17.50                                        | 16.97                     | 112.98% | 0.441                       | 0.498    | -   |
|             |                 |            |         |          |              |               |         |             |                                              |                           |         |                             |          |     |
| LTE Band 25 | 20MHz           | QPSK       | 1       | 0        | Back Surface | 0             | 26590   | 1905        | 18.50                                        | 18.28                     | 105.20% | 0.029                       | 0.031    | -   |
| LTE Band 25 |                 |            | 50      | 0        | Back Surface | 0             | 26590   | 1905        | 17.50                                        | 17.16                     | 108.14% | 0.022                       | 0.024    | -   |
| LTE Band 25 |                 |            | 1       | 0        | Top Edge     | 0             | 26140   | 1860        | 18.50                                        | 17.86                     | 115.88% | 0.584                       | 0.677    | 097 |
| LTE Band 25 |                 |            | 1       | 0        | Top Edge     | 0             | 26365   | 1882.5      | 18.50                                        | 18.18                     | 107.65% | 0.533                       | 0.574    | -   |
| LTE Band 25 |                 |            | 1       | 0        | Top Edge     | 0             | 26590   | 1905        | 18.50                                        | 18.28                     | 105.20% | 0.516                       | 0.543    | -   |
| LTE Band 25 |                 |            | 50      | 0        | Top Edge     | 0             | 26590   | 1905        | 17.50                                        | 17.16                     | 108.14% | 0.553                       | 0.598    | -   |
| LTE Band 25 |                 |            | 1       | 0        | Right Edge   | 0             | 26590   | 1905        | 18.50                                        | 18.28                     | 105.20% | 0.026                       | 0.027    | -   |
| LTE Band 25 |                 |            | 50      | 0        | Right Edge   | 0             | 26590   | 1905        | 17.50                                        | 17.16                     | 108.14% | 0.019                       | 0.021    | -   |
| LTE Band 25 |                 |            | 1       | 0        | Left Edge    | 0             | 26590   | 1905        | 18.50                                        | 18.28                     | 105.20% | 0.013                       | 0.014    | -   |
| LTE Band 25 |                 |            | 50      | 0        | Left Edge    | 0             | 26590   | 1905        | 17.50                                        | 17.16                     | 108.14% | 0.008                       | 0.009    | -   |
| LTE Band 25 |                 |            | 1       | 0        | Top Edge**   | 0             | 26140   | 1860        | 18.50                                        | 17.86                     | 115.88% | 0.478                       | 0.554    | -   |
|             |                 |            |         |          |              |               |         |             |                                              |                           |         |                             |          |     |
| LTE Band 30 | 10MHz           | QPSK       | 1       | 0        | Back Surface | 0             | 27710   | 2310        | 18.00                                        | 17.68                     | 107.65% | 0.046                       | 0.050    | -   |
| LTE Band 30 |                 |            | 25      | 0        | Back Surface | 0             | 27710   | 2310        | 17.00                                        | 16.57                     | 110.41% | 0.041                       | 0.045    | -   |
| LTE Band 30 |                 |            | 1       | 0        | Top Edge     | 0             | 27710   | 2310        | 18.00                                        | 17.68                     | 107.65% | 0.958                       | 1.031    | 098 |
| LTE Band 30 |                 |            | 25      | 0        | Top Edge     | 0             | 27710   | 2310        | 17.00                                        | 16.57                     | 110.41% | 0.912                       | 1.007    | -   |
| LTE Band 30 |                 |            | 50RB    |          | Top Edge     | 0             | 27710   | 2310        | 17.00                                        | 16.54                     | 111.17% | 0.793                       | 0.882    | -   |
| LTE Band 30 |                 |            | 1       | 0        | Right Edge   | 0             | 27710   | 2310        | 18.00                                        | 17.68                     | 107.65% | 0.039                       | 0.042    | -   |
| LTE Band 30 |                 |            | 25      | 0        | Right Edge   | 0             | 27710   | 2310        | 17.00                                        | 16.57                     | 110.41% | 0.032                       | 0.035    | -   |
| LTE Band 30 |                 |            | 1       | 0        | Left Edge    | 0             | 27710   | 2310        | 18.00                                        | 17.68                     | 107.65% | 0.024                       | 0.026    | -   |
| LTE Band 30 |                 |            | 25      | 0        | Left Edge    | 0             | 27710   | 2310        | 17.00                                        | 16.57                     | 110.41% | 0.019                       | 0.021    | -   |
| LTE Band 30 |                 |            | 1       | 0        | Top Edge*    | 0             | 27710   | 2310        | 18.00                                        | 17.68                     | 107.65% | 0.947                       | 1.019    | -   |
| LTE Band 30 |                 |            | 1       | 0        | Top Edge**   | 0             | 27710   | 2310        | 18.00                                        | 17.68                     | 107.65% | 0.868                       | 0.934    | -   |
|             |                 |            |         |          |              |               |         |             |                                              |                           |         |                             |          |     |
| LTE Band 66 | 20MHz           | QPSK       | 1       | 0        | Back Surface | 0             | 132572  | 1770        | 17.00                                        | 16.98                     | 100.46% | 0.025                       | 0.025    | -   |
| LTE Band 66 |                 |            | 50      | 0        | Back Surface | 0             | 132322  | 1745        | 16.00                                        | 15.88                     | 102.80% | 0.019                       | 0.020    | -   |
| LTE Band 66 |                 |            | 1       | 0        | Top Edge     | 0             | 132072  | 1720        | 17.00                                        | 16.95                     | 101.16% | 0.498                       | 0.504    | -   |
| LTE Band 66 |                 |            | 1       | 0        | Top Edge     | 0             | 132322  | 1745        | 17.00                                        | 16.92                     | 101.86% | 0.545                       | 0.555    | 099 |
| LTE Band 66 |                 |            | 1       | 0        | Top Edge     | 0             | 132572  | 1770        | 17.00                                        | 16.98                     | 100.46% | 0.516                       | 0.518    | -   |
| LTE Band 66 |                 |            | 50      | 0        | Top Edge     | 0             | 132322  | 1745        | 16.00                                        | 15.88                     | 102.80% | 0.423                       | 0.435    | -   |
| LTE Band 66 |                 |            | 1       | 0        | Right Edge   | 0             | 132572  | 1770        | 17.00                                        | 16.98                     | 100.46% | 0.022                       | 0.022    | -   |
| LTE Band 66 |                 |            | 50      | 0        | Right Edge   | 0             | 132322  | 1745        | 16.00                                        | 15.88                     | 102.80% | 0.016                       | 0.016    | -   |
| LTE Band 66 |                 |            | 1       | 0        | Left Edge    | 0             | 132572  | 1770        | 17.00                                        | 16.98                     | 100.46% | 0.008                       | 0.008    | -   |
| LTE Band 66 |                 |            | 50      | 0        | Left Edge    | 0             | 132322  | 1745        | 16.00                                        | 15.88                     | 102.80% | 0.006                       | 0.006    | -   |
| LTE Band 66 |                 |            | 1       | 0        | Top Edge**   | 0             | 132322  | 1745        | 17.00                                        | 16.92                     | 101.86% | 0.482                       | 0.491    | -   |
| 66C         |                 |            | 1       | 0        | Top Edge     | 0             | 132072  | 1720        | 17.00                                        | 16.81                     | 104.47% | 0.433                       | 0.452    | -   |

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|                   |       |      |       |    |              |   |       |        |       |       |         |       |       |     |
|-------------------|-------|------|-------|----|--------------|---|-------|--------|-------|-------|---------|-------|-------|-----|
| LTE Band 38       | 20MHz | QPSK | 1     | 0  | Back Surface | 0 | 37850 | 2580   | 18.00 | 17.96 | 100.93% | 0.032 | 0.032 | -   |
| LTE Band 38       |       |      | 50    | 25 | Back Surface | 0 | 37850 | 2580   | 17.00 | 16.86 | 103.28% | 0.027 | 0.028 | -   |
| LTE Band 38       |       |      | 1     | 0  | Top Edge     | 0 | 37850 | 2580   | 18.00 | 17.96 | 100.93% | 0.693 | 0.699 | -   |
| LTE Band 38       |       |      | 1     | 0  | Top Edge     | 0 | 38000 | 2595   | 18.00 | 17.92 | 101.86% | 0.737 | 0.751 | 100 |
| LTE Band 38       |       |      | 1     | 0  | Top Edge     | 0 | 38150 | 2610   | 18.00 | 17.91 | 102.09% | 0.701 | 0.716 | -   |
| LTE Band 38       |       |      | 50    | 25 | Top Edge     | 0 | 37850 | 2580   | 17.00 | 16.86 | 103.28% | 0.572 | 0.591 | -   |
| LTE Band 38       |       |      | 1     | 0  | Right Edge   | 0 | 37850 | 2580   | 18.00 | 17.96 | 100.93% | 0.025 | 0.025 | -   |
| LTE Band 38       |       |      | 50    | 25 | Right Edge   | 0 | 37850 | 2580   | 17.00 | 16.86 | 103.28% | 0.019 | 0.020 | -   |
| LTE Band 38       |       |      | 1     | 0  | Left Edge    | 0 | 37850 | 2580   | 18.00 | 17.96 | 100.93% | 0.011 | 0.011 | -   |
| LTE Band 38       |       |      | 50    | 25 | Left Edge    | 0 | 37850 | 2580   | 17.00 | 16.86 | 103.28% | 0.007 | 0.007 | -   |
| LTE Band 38       |       |      | 1     | 0  | Top Edge**   | 0 | 38000 | 2595   | 18.00 | 17.92 | 101.86% | 0.689 | 0.702 | -   |
| 38C               |       |      | 1     | 0  | Top Edge     | 0 | 37850 | 2580   | 18.00 | 17.91 | 102.09% | 0.442 | 0.451 | -   |
| LTE Band 41_PC3   | 20MHz | QPSK | 1     | 0  | Back Surface | 0 | 40185 | 2549.5 | 17.00 | 16.76 | 105.68% | 0.028 | 0.030 | -   |
| LTE Band 41_PC3   |       |      | 50    | 25 | Back Surface | 0 | 40185 | 2549.5 | 16.00 | 15.73 | 106.41% | 0.022 | 0.023 | -   |
| LTE Band 41_PC3   |       |      | 1     | 0  | Top Edge     | 0 | 39750 | 2506   | 17.00 | 16.66 | 108.14% | 0.466 | 0.504 | -   |
| LTE Band 41_PC3   |       |      | 1     | 0  | Top Edge     | 0 | 40185 | 2549.5 | 17.00 | 16.76 | 105.68% | 0.493 | 0.521 | -   |
| LTE Band 41_PC3   |       |      | 1     | 0  | Top Edge     | 0 | 40620 | 2593   | 17.00 | 16.50 | 112.20% | 0.528 | 0.592 | 101 |
| LTE Band 41_PC3   |       |      | 1     | 0  | Top Edge     | 0 | 41055 | 2636.5 | 17.00 | 16.61 | 109.40% | 0.514 | 0.562 | -   |
| LTE Band 41_PC3   |       |      | 1     | 0  | Top Edge     | 0 | 41490 | 2680   | 17.00 | 16.47 | 112.98% | 0.502 | 0.567 | -   |
| LTE Band 41_PC3   |       |      | 50    | 25 | Top Edge     | 0 | 40185 | 2549.5 | 16.00 | 15.73 | 106.41% | 0.406 | 0.432 | -   |
| LTE Band 41_PC3   |       |      | 1     | 0  | Right Edge   | 0 | 40185 | 2549.5 | 17.00 | 16.76 | 105.68% | 0.018 | 0.019 | -   |
| LTE Band 41_PC3   |       |      | 50    | 25 | Right Edge   | 0 | 40185 | 2549.5 | 16.00 | 15.73 | 106.41% | 0.014 | 0.015 | -   |
| LTE Band 41_PC3   |       |      | 1     | 0  | Left Edge    | 0 | 40185 | 2549.5 | 17.00 | 16.76 | 105.68% | 0.009 | 0.010 | -   |
| LTE Band 41_PC3   |       |      | 50    | 25 | Left Edge    | 0 | 40185 | 2549.5 | 16.00 | 15.73 | 106.41% | 0.006 | 0.006 | -   |
| LTE Band 41_PC3   |       |      | 1     | 0  | Top Edge**   | 0 | 40620 | 2593   | 17.00 | 16.50 | 112.20% | 0.427 | 0.479 | -   |
| 41C               |       |      | 1     | 0  | Top Edge     | 0 | 41490 | 2680   | 17.00 | 16.55 | 110.92% | 0.412 | 0.457 | -   |
| LTE Band 42_Part1 | 20MHz | QPSK | 1     | 0  | Back Surface | 0 | 42590 | 3500   | 15.50 | 15.35 | 103.51% | 0.103 | 0.107 | -   |
| LTE Band 42_Part1 |       |      | 50    | 0  | Back Surface | 0 | 42990 | 3540   | 14.50 | 14.26 | 105.68% | 0.085 | 0.090 | -   |
| LTE Band 42_Part1 |       |      | 1     | 0  | Top Edge     | 0 | 42190 | 3460   | 15.50 | 15.15 | 108.39% | 0.972 | 1.054 | -   |
| LTE Band 42_Part1 |       |      | 1     | 0  | Top Edge     | 0 | 42590 | 3500   | 15.50 | 15.35 | 103.51% | 1.130 | 1.170 | 103 |
| LTE Band 42_Part1 |       |      | 1     | 0  | Top Edge     | 0 | 42990 | 3540   | 15.50 | 15.31 | 104.47% | 0.864 | 0.903 | -   |
| LTE Band 42_Part1 |       |      | 50    | 0  | Top Edge     | 0 | 42990 | 3540   | 14.50 | 14.26 | 105.68% | 0.728 | 0.769 | -   |
| LTE Band 42_Part1 |       |      | 100RB |    | Top Edge     | 0 | 42590 | 3500   | 14.50 | 14.08 | 110.15% | 0.695 | 0.766 | -   |
| LTE Band 42_Part1 |       |      | 1     | 0  | Right Edge   | 0 | 42590 | 3500   | 15.50 | 15.35 | 103.51% | 0.058 | 0.060 | -   |
| LTE Band 42_Part1 |       |      | 50    | 0  | Right Edge   | 0 | 42990 | 3540   | 14.50 | 14.26 | 105.68% | 0.044 | 0.046 | -   |
| LTE Band 42_Part1 |       |      | 1     | 0  | Left Edge    | 0 | 42590 | 3500   | 15.50 | 15.35 | 103.51% | 0.015 | 0.016 | -   |
| LTE Band 42_Part1 |       |      | 50    | 0  | Left Edge    | 0 | 42990 | 3540   | 14.50 | 14.26 | 105.68% | 0.012 | 0.013 | -   |
| LTE Band 42_Part1 |       |      | 1     | 0  | Top Edge*    | 0 | 42590 | 3500   | 15.50 | 15.35 | 103.51% | 1.080 | 1.118 | -   |
| LTE Band 42_Part1 |       |      | 1     | 0  | Top Edge**   | 0 | 42590 | 3500   | 15.50 | 15.35 | 103.51% | 0.926 | 0.959 | -   |
| LTE Band 42_Part2 | 20MHz | QPSK | 1     | 0  | Back Surface | 0 | 43340 | 3575   | 15.50 | 15.31 | 104.47% | 0.104 | 0.109 | -   |
| LTE Band 42_Part2 |       |      | 50    | 25 | Back Surface | 0 | 43340 | 3575   | 14.50 | 14.22 | 106.66% | 0.086 | 0.092 | -   |
| LTE Band 42_Part2 |       |      | 1     | 0  | Top Edge     | 0 | 43190 | 3560   | 15.50 | 15.30 | 104.71% | 1.140 | 1.194 | 104 |
| LTE Band 42_Part2 |       |      | 1     | 0  | Top Edge     | 0 | 43340 | 3575   | 15.50 | 15.31 | 104.47% | 0.868 | 0.907 | -   |
| LTE Band 42_Part2 |       |      | 1     | 0  | Top Edge     | 0 | 43490 | 3590   | 15.50 | 15.22 | 106.66% | 0.903 | 0.963 | -   |
| LTE Band 42_Part2 |       |      | 50    | 25 | Top Edge     | 0 | 43340 | 3575   | 14.50 | 14.22 | 106.66% | 0.738 | 0.787 | -   |
| LTE Band 42_Part2 |       |      | 100RB |    | Top Edge     | 0 | 43340 | 3575   | 14.50 | 14.28 | 105.20% | 0.702 | 0.738 | -   |
| LTE Band 42_Part2 |       |      | 1     | 0  | Right Edge   | 0 | 43340 | 3575   | 15.50 | 15.31 | 104.47% | 0.061 | 0.064 | -   |
| LTE Band 42_Part2 |       |      | 50    | 25 | Right Edge   | 0 | 43340 | 3575   | 14.50 | 14.22 | 106.66% | 0.054 | 0.058 | -   |
| LTE Band 42_Part2 |       |      | 1     | 0  | Left Edge    | 0 | 43340 | 3575   | 15.50 | 15.31 | 104.47% | 0.016 | 0.017 | -   |
| LTE Band 42_Part2 |       |      | 50    | 25 | Left Edge    | 0 | 43340 | 3575   | 14.50 | 14.22 | 106.66% | 0.011 | 0.012 | -   |
| LTE Band 42_Part2 |       |      | 1     | 0  | Top Edge*    | 0 | 43190 | 3560   | 15.50 | 15.30 | 104.71% | 1.090 | 1.141 | -   |
| LTE Band 42_Part2 |       |      | 1     | 0  | Top Edge**   | 0 | 43190 | 3560   | 15.50 | 15.30 | 104.71% | 0.902 | 0.945 | -   |
| LTE Band 43       | 20MHz | QPSK | 1     | 0  | Back Surface | 0 | 44490 | 3690   | 15.50 | 15.11 | 109.40% | 0.093 | 0.102 | -   |
| LTE Band 43       |       |      | 50    | 0  | Back Surface | 0 | 44490 | 3690   | 14.50 | 14.03 | 111.43% | 0.085 | 0.095 | -   |
| LTE Band 43       |       |      | 1     | 0  | Top Edge     | 0 | 43690 | 3610   | 15.50 | 15.04 | 111.17% | 0.922 | 1.025 | -   |
| LTE Band 43       |       |      | 1     | 0  | Top Edge     | 0 | 44090 | 3650   | 15.50 | 15.10 | 109.69% | 0.963 | 1.056 | -   |
| LTE Band 43       |       |      | 1     | 0  | Top Edge     | 0 | 44490 | 3690   | 15.50 | 15.11 | 109.40% | 1.030 | 1.127 | 106 |
| LTE Band 43       |       |      | 50    | 0  | Top Edge     | 0 | 44490 | 3690   | 14.50 | 14.03 | 111.43% | 0.712 | 0.793 | -   |
| LTE Band 43       |       |      | 100RB |    | Top Edge     | 0 | 44090 | 3650   | 14.50 | 14.03 | 111.43% | 0.674 | 0.751 | -   |
| LTE Band 43       |       |      | 1     | 0  | Right Edge   | 0 | 44490 | 3690   | 15.50 | 15.11 | 109.40% | 0.049 | 0.054 | -   |
| LTE Band 43       |       |      | 50    | 0  | Right Edge   | 0 | 44490 | 3690   | 14.50 | 14.03 | 111.43% | 0.043 | 0.048 | -   |
| LTE Band 43       |       |      | 1     | 0  | Left Edge    | 0 | 44490 | 3690   | 15.50 | 15.11 | 109.40% | 0.015 | 0.016 | -   |
| LTE Band 43       |       |      | 50    | 0  | Left Edge    | 0 | 44490 | 3690   | 14.50 | 14.03 | 111.43% | 0.011 | 0.012 | -   |
| LTE Band 43       |       |      | 1     | 0  | Top Edge*    | 0 | 44240 | 3665   | 15.50 | 15.11 | 109.40% | 0.995 | 1.088 | -   |
| LTE Band 43       |       |      | 1     | 0  | Top Edge**   | 0 | 44240 | 3665   | 15.50 | 15.11 | 109.40% | 0.857 | 0.938 | -   |
| LTE Band 48       | 20MHz | QPSK | 1     | 0  | Back Surface | 0 | 56640 | 3690   | 15.50 | 15.45 | 101.16% | 0.104 | 0.105 | -   |
| LTE Band 48       |       |      | 50    | 25 | Back Surface | 0 | 55830 | 3609   | 14.50 | 14.29 | 104.95% | 0.096 | 0.101 | -   |
| LTE Band 48       |       |      | 1     | 0  | Top Edge     | 0 | 55340 | 3560   | 15.50 | 15.24 | 106.17% | 0.834 | 0.885 | -   |
| LTE Band 48       |       |      | 1     | 0  | Top Edge     | 0 | 55830 | 3609   | 15.50 | 15.35 | 103.51% | 0.822 | 0.851 | -   |
| LTE Band 48       |       |      | 1     | 0  | Top Edge     | 0 | 56150 | 3641   | 15.50 | 15.40 | 102.33% | 0.893 | 0.914 | -   |
| LTE Band 48       |       |      | 1     | 0  | Top Edge     | 0 | 56640 | 3690   | 15.50 | 15.45 | 101.16% | 1.120 | 1.133 | 107 |
| LTE Band 48       |       |      | 50    | 25 | Top Edge     | 0 | 55830 | 3609   | 14.50 | 14.29 | 104.95% | 0.721 | 0.757 | -   |
| LTE Band 48       |       |      | 100RB |    | Top Edge     | 0 | #N/A  | #N/A   | 14.50 | 14.32 | 104.23% | 0.655 | 0.683 | -   |
| LTE Band 48       |       |      | 1     | 0  | Right Edge   | 0 | 56640 | 3690   | 15.50 | 15.45 | 101.16% | 0.054 | 0.055 | -   |
| LTE Band 48       |       |      | 50    | 25 | Right Edge   | 0 | 55830 | 3609   | 14.50 | 14.29 | 104.95% | 0.048 | 0.050 | -   |
| LTE Band 48       |       |      | 1     | 0  | Left Edge    | 0 | 56640 | 3690   | 15.50 | 15.45 | 101.16% | 0.016 | 0.016 | -   |
| LTE Band 48       |       |      | 50    | 25 | Left Edge    | 0 | 55830 | 3609   | 14.50 | 14.29 | 104.95% | 0.012 | 0.013 | -   |
| LTE Band 48       |       |      | 1     | 0  | Top Edge*    | 0 | 56640 | 3690   | 15.50 | 15.45 | 101.16% | 1.080 | 1.093 | -   |
| LTE Band 48       |       |      | 1     | 0  | Top Edge**   | 0 | 56640 | 3690   | 15.50 | 15.45 | 101.16% | 0.913 | 0.924 | -   |
| 48C               |       |      | 1     | 0  | Top Edge     | 0 | 55340 | 3560   | 15.50 | 15.25 | 105.93% | 0.712 | 0.754 | -   |

Note: \* - repeated at the highest SAR measurement according to the KDB 865664 D01

Note: \*\* - Vendor2 Spot check

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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| Band       | Bandwidth (MHz) | Modulation             | RB Size | RB start | Position     | Distance (mm) | Channel | Freq. (MHz) | Max. Rated Avg. Power + Max. Tolerance (dBm) | Measured Avg. Power (dBm) | Scaling | Averaged SAR over 1g (W/kg) |          | ID  |
|------------|-----------------|------------------------|---------|----------|--------------|---------------|---------|-------------|----------------------------------------------|---------------------------|---------|-----------------------------|----------|-----|
|            |                 |                        |         |          |              |               |         |             |                                              |                           |         | Measured                    | Reported |     |
| NR n2      | 30MHz           | SCS 15kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 376000  | 1880        | 16.50                                        | 16.42                     | 101.86% | 0.027                       | 0.028    | -   |
| NR n2      |                 |                        | 80      | 40       | Back Surface | 0             | 376000  | 1880        | 16.50                                        | 16.35                     | 103.51% | 0.025                       | 0.026    | -   |
| NR n2      |                 |                        | 1       | 1        | Top Edge     | 0             | 376000  | 1880        | 16.50                                        | 16.42                     | 101.86% | 0.384                       | 0.391    | -   |
| NR n2      |                 |                        | 80      | 40       | Top Edge     | 0             | 376000  | 1880        | 16.50                                        | 16.35                     | 103.51% | 0.388                       | 0.402    | 108 |
| NR n2      |                 |                        | 1       | 1        | Right Edge   | 0             | 376000  | 1880        | 16.50                                        | 16.42                     | 101.86% | 0.023                       | 0.023    | -   |
| NR n2      |                 |                        | 80      | 40       | Right Edge   | 0             | 376000  | 1880        | 16.50                                        | 16.35                     | 103.51% | 0.021                       | 0.022    | -   |
| NR n2      |                 |                        | 1       | 1        | Left Edge    | 0             | 376000  | 1880        | 16.50                                        | 16.42                     | 101.86% | 0.014                       | 0.014    | -   |
| NR n2      |                 |                        | 80      | 40       | Left Edge    | 0             | 376000  | 1880        | 16.50                                        | 16.35                     | 103.51% | 0.012                       | 0.012    | -   |
| NR n2      |                 |                        | 1       | 1        | Top Edge**   | 0             | 373000  | 1865        | 16.50                                        | 16.12                     | 109.14% | 0.324                       | 0.354    | -   |
| NR n7      | 50MHz           | SCS 15kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 509000  | 2545        | 17.50                                        | 17.33                     | 103.99% | 0.038                       | 0.040    | -   |
| NR n7      |                 |                        | 135     | 67       | Back Surface | 0             | 509000  | 2545        | 17.50                                        | 17.30                     | 104.71% | 0.033                       | 0.035    | -   |
| NR n7      |                 |                        | 1       | 1        | Top Edge     | 0             | 509000  | 2545        | 17.50                                        | 17.33                     | 103.99% | 0.739                       | 0.769    | 109 |
| NR n7      |                 |                        | 135     | 67       | Top Edge     | 0             | 509000  | 2545        | 17.50                                        | 17.30                     | 104.71% | 0.707                       | 0.740    | -   |
| NR n7      |                 |                        | 1       | 1        | Right Edge   | 0             | 509000  | 2545        | 17.50                                        | 17.33                     | 103.99% | 0.027                       | 0.028    | -   |
| NR n7      |                 |                        | 135     | 67       | Right Edge   | 0             | 509000  | 2545        | 17.50                                        | 17.30                     | 104.71% | 0.025                       | 0.026    | -   |
| NR n7      |                 |                        | 1       | 1        | Left Edge    | 0             | 509000  | 2545        | 17.50                                        | 17.33                     | 103.99% | 0.045                       | 0.047    | -   |
| NR n7      |                 |                        | 135     | 67       | Left Edge    | 0             | 509000  | 2545        | 17.50                                        | 17.30                     | 104.71% | 0.041                       | 0.043    | -   |
| NR n7      |                 |                        | 1       | 1        | Top Edge**   | 0             | 509000  | 2545        | 17.50                                        | 17.33                     | 103.99% | 0.669                       | 0.696    | -   |
| NR n25     | 45MHz           | SCS 15kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 378500  | 1892.5      | 18.50                                        | 18.43                     | 101.62% | 0.040                       | 0.041    | -   |
| NR n25     |                 |                        | 120     | 60       | Back Surface | 0             | 378500  | 1892.5      | 18.50                                        | 18.29                     | 104.95% | 0.037                       | 0.039    | -   |
| NR n25     |                 |                        | 1       | 1        | Top Edge     | 0             | 374500  | 1872.5      | 18.50                                        | 18.05                     | 110.92% | 0.655                       | 0.727    | 110 |
| NR n25     |                 |                        | 1       | 1        | Top Edge     | 0             | 376500  | 1882.5      | 18.50                                        | 18.34                     | 103.75% | 0.636                       | 0.660    | -   |
| NR n25     |                 |                        | 1       | 1        | Top Edge     | 0             | 378500  | 1892.5      | 18.50                                        | 18.43                     | 101.62% | 0.629                       | 0.639    | -   |
| NR n25     |                 |                        | 120     | 60       | Top Edge     | 0             | 378500  | 1892.5      | 18.50                                        | 18.29                     | 104.95% | 0.642                       | 0.674    | -   |
| NR n25     |                 |                        | 1       | 1        | Right Edge   | 0             | 378500  | 1892.5      | 18.50                                        | 18.43                     | 101.62% | 0.033                       | 0.034    | -   |
| NR n25     |                 |                        | 120     | 60       | Right Edge   | 0             | 378500  | 1892.5      | 18.50                                        | 18.29                     | 104.95% | 0.030                       | 0.031    | -   |
| NR n25     |                 |                        | 1       | 1        | Left Edge    | 0             | 378500  | 1892.5      | 18.50                                        | 18.43                     | 101.62% | 0.015                       | 0.015    | -   |
| NR n25     |                 |                        | 120     | 60       | Left Edge    | 0             | 378500  | 1892.5      | 18.50                                        | 18.29                     | 104.95% | 0.011                       | 0.012    | -   |
| NR n25     |                 |                        | 1       | 1        | Top Edge**   | 0             | 374500  | 1872.5      | 18.50                                        | 18.05                     | 110.92% | 0.578                       | 0.641    | -   |
| NR n30     | 10MHz           | SCS 15kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 462000  | 2310        | 18.00                                        | 17.50                     | 112.20% | 0.036                       | 0.040    | -   |
| NR n30     |                 |                        | 25      | 13       | Back Surface | 0             | 462000  | 2310        | 18.00                                        | 17.41                     | 114.55% | 0.029                       | 0.033    | -   |
| NR n30     |                 |                        | 1       | 1        | Top Edge     | 0             | 462000  | 2310        | 18.00                                        | 17.50                     | 112.20% | 1.050                       | 1.178    | 111 |
| NR n30     |                 |                        | 25      | 13       | Top Edge     | 0             | 462000  | 2310        | 18.00                                        | 17.41                     | 114.55% | 0.927                       | 1.062    | -   |
| NR n30     |                 |                        | 50      | 0        | Top Edge     | 0             | 462000  | 2310        | 17.50                                        | 17.00                     | 112.20% | 0.898                       | 1.008    | -   |
| NR n30     |                 |                        | 1       | 1        | Right Edge   | 0             | 462000  | 2310        | 18.00                                        | 17.50                     | 112.20% | 0.048                       | 0.054    | -   |
| NR n30     |                 |                        | 25      | 13       | Right Edge   | 0             | 462000  | 2310        | 18.00                                        | 17.41                     | 114.55% | 0.041                       | 0.047    | -   |
| NR n30     |                 |                        | 1       | 1        | Left Edge    | 0             | 462000  | 2310        | 18.00                                        | 17.50                     | 112.20% | 0.011                       | 0.012    | -   |
| NR n30     |                 |                        | 25      | 13       | Left Edge    | 0             | 462000  | 2310        | 18.00                                        | 17.41                     | 114.55% | 0.008                       | 0.009    | -   |
| NR n30     |                 |                        | 1       | 1        | Top Edge*    | 0             | 462000  | 2310        | 18.00                                        | 17.50                     | 112.20% | 1.020                       | 1.144    | -   |
| NR n30     |                 |                        | 1       | 1        | Top Edge**   | 0             | 462000  | 2310        | 18.00                                        | 17.50                     | 112.20% | 0.898                       | 1.008    | -   |
| NR n66     | 45MHz           | SCS 15kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 351500  | 1757.5      | 17.00                                        | 16.94                     | 101.39% | 0.024                       | 0.024    | -   |
| NR n66     |                 |                        | 120     | 60       | Back Surface | 0             | 351500  | 1757.5      | 17.00                                        | 16.80                     | 104.71% | 0.020                       | 0.021    | -   |
| NR n66     |                 |                        | 1       | 1        | Top Edge     | 0             | 346500  | 1732.5      | 17.00                                        | 16.92                     | 101.86% | 0.623                       | 0.635    | -   |
| NR n66     |                 |                        | 1       | 1        | Top Edge     | 0             | 349000  | 1745        | 17.00                                        | 16.83                     | 103.99% | 0.617                       | 0.642    | -   |
| NR n66     |                 |                        | 1       | 1        | Top Edge     | 0             | 351500  | 1757.5      | 17.00                                        | 16.94                     | 101.39% | 0.650                       | 0.659    | 112 |
| NR n66     |                 |                        | 120     | 60       | Top Edge     | 0             | 351500  | 1757.5      | 17.00                                        | 16.80                     | 104.71% | 0.537                       | 0.562    | -   |
| NR n66     |                 |                        | 1       | 1        | Right Edge   | 0             | 351500  | 1757.5      | 17.00                                        | 16.94                     | 101.39% | 0.027                       | 0.027    | -   |
| NR n66     |                 |                        | 120     | 60       | Right Edge   | 0             | 351500  | 1757.5      | 17.00                                        | 16.80                     | 104.71% | 0.022                       | 0.023    | -   |
| NR n66     |                 |                        | 1       | 1        | Left Edge    | 0             | 351500  | 1757.5      | 17.00                                        | 16.94                     | 101.39% | 0.014                       | 0.014    | -   |
| NR n66     |                 |                        | 120     | 60       | Left Edge    | 0             | 351500  | 1757.5      | 17.00                                        | 16.80                     | 104.71% | 0.010                       | 0.010    | -   |
| NR n66     |                 |                        | 1       | 1        | Top Edge**   | 0             | 351500  | 1757.5      | 17.00                                        | 16.94                     | 101.39% | 0.584                       | 0.592    | -   |
| NR n38     | 40MHz           | SCS 30kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 519000  | 2595        | 18.00                                        | 17.40                     | 114.82% | 0.032                       | 0.037    | -   |
| NR n38     |                 |                        | 50      | 28       | Back Surface | 0             | 519000  | 2595        | 18.00                                        | 17.30                     | 117.49% | 0.024                       | 0.028    | -   |
| NR n38     |                 |                        | 1       | 1        | Top Edge     | 0             | 518004  | 2590.02     | 18.00                                        | 17.30                     | 117.49% | 0.699                       | 0.821    | 113 |
| NR n38     |                 |                        | 1       | 1        | Top Edge     | 0             | 519000  | 2595        | 18.00                                        | 17.40                     | 114.82% | 0.626                       | 0.719    | -   |
| NR n38     |                 |                        | 1       | 1        | Top Edge     | 0             | 519996  | 2599.98     | 18.00                                        | 17.39                     | 115.08% | 0.653                       | 0.751    | -   |
| NR n38     |                 |                        | 50      | 28       | Top Edge     | 0             | 519000  | 2595        | 18.00                                        | 17.30                     | 117.49% | 0.598                       | 0.703    | -   |
| NR n38     |                 |                        | 100     | 0        | Top Edge     | 0             | 519000  | 2595        | 17.50                                        | 16.87                     | 115.61% | 0.602                       | 0.696    | -   |
| NR n38     |                 |                        | 1       | 1        | Right Edge   | 0             | 519000  | 2595        | 18.00                                        | 17.40                     | 114.82% | 0.039                       | 0.045    | -   |
| NR n38     |                 |                        | 50      | 28       | Right Edge   | 0             | 519000  | 2595        | 18.00                                        | 17.30                     | 117.49% | 0.031                       | 0.036    | -   |
| NR n38     |                 |                        | 1       | 1        | Left Edge    | 0             | 519000  | 2595        | 18.00                                        | 17.40                     | 114.82% | 0.024                       | 0.028    | -   |
| NR n38     |                 |                        | 50      | 28       | Left Edge    | 0             | 519000  | 2595        | 18.00                                        | 17.30                     | 117.49% | 0.020                       | 0.023    | -   |
| NR n38     |                 |                        | 1       | 1        | Top Edge*    | 0             | 518004  | 2590.02     | 18.00                                        | 17.30                     | 117.49% | 0.693                       | 0.814    | -   |
| NR n38     |                 |                        | 1       | 1        | Top Edge**   | 0             | 518004  | 2590.02     | 18.00                                        | 17.30                     | 117.49% | 0.607                       | 0.713    | -   |
| NR n41_PC3 | 100MHz          | SCS 30kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 518598  | 2592.99     | 10.00                                        | 16.30                     | 23.44%  | 0.037                       | 0.009    | -   |
| NR n41_PC3 |                 |                        | 135     | 69       | Back Surface | 0             | 518598  | 2592.99     | 17.00                                        | 16.21                     | 119.95% | 0.031                       | 0.037    | -   |
| NR n41_PC3 |                 |                        | 1       | 1        | Top Edge     | 0             | 518598  | 2592.99     | 17.00                                        | 16.30                     | 117.49% | 0.680                       | 0.799    | 114 |
| NR n41_PC3 |                 |                        | 135     | 69       | Top Edge     | 0             | 518598  | 2592.99     | 17.00                                        | 16.21                     | 119.95% | 0.612                       | 0.734    | -   |
| NR n41_PC3 |                 |                        | 1       | 1        | Right Edge   | 0             | 518598  | 2592.99     | 17.00                                        | 16.30                     | 117.49% | 0.034                       | 0.040    | -   |
| NR n41_PC3 |                 |                        | 135     | 69       | Right Edge   | 0             | 518598  | 2592.99     | 17.00                                        | 16.21                     | 119.95% | 0.028                       | 0.034    | -   |
| NR n41_PC3 |                 |                        | 1       | 1        | Left Edge    | 0             | 518598  | 2592.99     | 17.00                                        | 16.30                     | 117.49% | 0.026                       | 0.031    | -   |
| NR n41_PC3 |                 |                        | 135     | 69       | Left Edge    | 0             | 518598  | 2592.99     | 17.00                                        | 16.21                     | 119.95% | 0.020                       | 0.024    | -   |
| NR n41_PC3 |                 |                        | 1       | 1        | Top Edge**   | 0             | 518598  | 2592.99     | 17.00                                        | 16.30                     | 117.49% | 0.587                       | 0.690    | -   |
| NR n41_PC2 | 100MHz          | SCS 30kHz<br>Pi/2 BPSK | 1       | 1        | Back Surface | 0             | 518598  | 2592.99     | 17.00                                        | 16.31                     | 117.22% | 0.011                       | 0.013    | -   |
| NR n41_PC2 |                 |                        | 135     | 69       | Back Surface | 0             | 518598  | 2592.99     | 17.00                                        | 16.15                     | 121.62% | 0.008                       | 0.010    | -   |
| NR n41_PC2 |                 |                        | 1       | 1        | Top Edge     | 0             | 518598  | 2592.99     | 17.00                                        | 16.31                     | 117.22% | 0.135                       | 0.158    | 115 |
| NR n41_PC2 |                 |                        | 135     | 69       | Top Edge     | 0             | 518598  | 2592.99     | 17.00                                        | 16.15                     | 121.62% | 0.122                       | 0.148    | -   |
| NR n41_PC2 |                 |                        | 1       | 1        | Right Edge   | 0             | 518598  | 2592.99     | 17.00                                        | 16.31                     | 117.22% | 0.009                       | 0.011    | -   |
| NR n41_PC2 |                 |                        | 135     | 69       | Right Edge   | 0             | 518598  | 2592.99     | 17.00                                        | 16.15                     | 121.62% | 0.008                       | 0.010    | -   |
| NR n41_PC2 |                 |                        | 1       | 1        | Left Edge    | 0             | 518598  | 2592.99     | 17.00                                        | 16.31                     | 117.22% | 0.006                       | 0.007    | -   |
| NR n41_PC2 |                 |                        | 135     | 69       | Left Edge    | 0             | 518598  | 2592.99     | 17.00                                        | 16.15                     | 121.62% | 0.004                       | 0.005    | -   |
| NR n41_PC2 |                 |                        | 1       | 1        | Top Edge**   | 0             | 518598  | 2592.99     | 17.00                                        | 16.31                     | 117.22% | 0.109                       | 0.128    | -   |

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|                      |        |                        |     |    |              |   |        |          |       |       |         |       |       |     |
|----------------------|--------|------------------------|-----|----|--------------|---|--------|----------|-------|-------|---------|-------|-------|-----|
| NR n48               | 40MHz  | SCS 30kHz<br>Pi/2 BPSK | 1   | 1  | Back Surface | 0 | 638000 | 3570     | 15.50 | 15.10 | 109.65% | 0.034 | 0.037 | -   |
| NR n48               |        |                        | 50  | 28 | Back Surface | 0 | 638000 | 3570     | 15.50 | 14.96 | 113.24% | 0.028 | 0.032 | -   |
| NR n48               |        |                        | 1   | 1  | Top Edge     | 0 | 638000 | 3570     | 15.50 | 15.10 | 109.65% | 1.080 | 1.184 | 116 |
| NR n48               |        |                        | 1   | 1  | Top Edge     | 0 | 641668 | 3625.02  | 15.50 | 15.03 | 111.43% | 0.952 | 1.061 | -   |
| NR n48               |        |                        | 1   | 1  | Top Edge     | 0 | 645332 | 3679.98  | 15.50 | 15.02 | 111.69% | 0.934 | 1.043 | -   |
| NR n48               |        |                        | 50  | 28 | Top Edge     | 0 | 638000 | 3570     | 15.50 | 14.96 | 113.24% | 0.923 | 1.045 | -   |
| NR n48               |        |                        | 50  | 28 | Top Edge     | 0 | 641668 | 3625.02  | 15.50 | 14.94 | 113.76% | 0.922 | 1.049 | -   |
| NR n48               |        |                        | 50  | 28 | Top Edge     | 0 | 645332 | 3679.98  | 15.50 | 14.90 | 114.82% | 0.911 | 1.046 | -   |
| NR n48               |        |                        | 100 | 0  | Top Edge     | 0 | 638000 | 3570     | 15.00 | 14.58 | 110.15% | 0.898 | 0.989 | -   |
| NR n48               |        |                        | 1   | 1  | Right Edge   | 0 | 638000 | 3570     | 15.50 | 15.10 | 109.65% | 0.026 | 0.029 | -   |
| NR n48               |        |                        | 50  | 28 | Right Edge   | 0 | 638000 | 3570     | 15.50 | 14.96 | 113.24% | 0.021 | 0.024 | -   |
| NR n48               |        |                        | 1   | 1  | Left Edge    | 0 | 638000 | 3570     | 15.50 | 15.10 | 109.65% | 0.024 | 0.026 | -   |
| NR n48               |        |                        | 50  | 28 | Left Edge    | 0 | 638000 | 3570     | 15.50 | 14.96 | 113.24% | 0.018 | 0.020 | -   |
| NR n48               |        |                        | 1   | 1  | Top Edge*    | 0 | 638000 | 3570     | 15.50 | 15.10 | 109.65% | 1.020 | 1.118 | -   |
| NR n48               |        |                        | 1   | 1  | Top Edge**   | 0 | 638000 | 3570     | 15.50 | 15.10 | 109.65% | 0.885 | 0.970 | -   |
| NR n77_PC3_FCC       | 100MHz | SCS 30kHz<br>Pi/2 BPSK | 1   | 1  | Back Surface | 0 | 653000 | 3795     | 15.00 | 14.48 | 112.72% | 0.039 | 0.044 | -   |
| NR n77_PC3_FCC       |        |                        | 135 | 69 | Back Surface | 0 | 653000 | 3795     | 15.00 | 14.37 | 115.61% | 0.032 | 0.037 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 650000 | 3750     | 15.00 | 14.47 | 112.98% | 1.010 | 1.141 | 117 |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 653000 | 3795     | 15.00 | 14.48 | 112.72% | 0.929 | 1.047 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 656000 | 3840     | 15.00 | 14.30 | 117.49% | 0.869 | 1.021 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 659000 | 3885     | 15.00 | 14.22 | 119.67% | 0.907 | 1.085 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 662000 | 3930     | 15.00 | 14.20 | 120.23% | 0.882 | 1.060 | -   |
| NR n77_PC3_FCC       |        |                        | 135 | 69 | Top Edge     | 0 | 653000 | 3795     | 15.00 | 14.37 | 115.61% | 0.934 | 1.080 | -   |
| NR n77_PC3_FCC       |        |                        | 270 | 0  | Top Edge     | 0 | 653000 | 3795     | 14.50 | 13.97 | 112.98% | 0.940 | 1.062 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Right Edge   | 0 | 653000 | 3795     | 15.00 | 14.48 | 112.72% | 0.036 | 0.041 | -   |
| NR n77_PC3_FCC       |        |                        | 135 | 69 | Right Edge   | 0 | 653000 | 3795     | 15.00 | 14.37 | 115.61% | 0.029 | 0.034 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Left Edge    | 0 | 653000 | 3795     | 15.00 | 14.48 | 112.72% | 0.025 | 0.028 | -   |
| NR n77_PC3_FCC       |        |                        | 135 | 69 | Left Edge    | 0 | 653000 | 3795     | 15.00 | 14.37 | 115.61% | 0.020 | 0.023 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge*    | 0 | 650000 | 3750     | 15.00 | 14.47 | 112.98% | 0.992 | 1.121 | -   |
| NR n77_PC3_FCC       |        |                        | 1   | 1  | Top Edge**   | 0 | 650000 | 3750     | 15.00 | 14.47 | 112.98% | 0.879 | 0.993 | -   |
| NR n77_PC2_FCC       | 100MHz | SCS 30kHz<br>Pi/2 BPSK | 1   | 1  | Back Surface | 0 | 650000 | 3750     | 15.00 | 14.49 | 112.46% | 0.009 | 0.010 | -   |
| NR n77_PC2_FCC       |        |                        | 135 | 69 | Back Surface | 0 | 650000 | 3750     | 15.00 | 14.39 | 115.08% | 0.007 | 0.008 | -   |
| NR n77_PC2_FCC       |        |                        | 1   | 1  | Top Edge     | 0 | 650000 | 3750     | 15.00 | 14.49 | 112.46% | 0.252 | 0.283 | 118 |
| NR n77_PC2_FCC       |        |                        | 135 | 69 | Top Edge     | 0 | 650000 | 3750     | 15.00 | 14.39 | 115.08% | 0.238 | 0.274 | -   |
| NR n77_PC2_FCC       |        |                        | 1   | 1  | Right Edge   | 0 | 650000 | 3750     | 15.00 | 14.49 | 112.46% | 0.008 | 0.009 | -   |
| NR n77_PC2_FCC       |        |                        | 135 | 69 | Right Edge   | 0 | 650000 | 3750     | 15.00 | 14.39 | 115.08% | 0.007 | 0.008 | -   |
| NR n77_PC2_FCC       |        |                        | 1   | 1  | Left Edge    | 0 | 650000 | 3750     | 15.00 | 14.49 | 112.46% | 0.006 | 0.007 | -   |
| NR n77_PC2_FCC       |        |                        | 135 | 69 | Left Edge    | 0 | 650000 | 3750     | 15.00 | 14.39 | 115.08% | 0.005 | 0.006 | -   |
| NR n77_PC2_FCC       |        |                        | 1   | 1  | Top Edge**   | 0 | 650000 | 3750     | 15.00 | 14.49 | 112.46% | 0.204 | 0.229 | -   |
| NR n77 & n78_PC3_FCC | 100MHz | SCS 30kHz<br>Pi/2 BPSK | 1   | 1  | Back Surface | 0 | 633333 | 3499.995 | 15.00 | 14.73 | 106.41% | 0.031 | 0.033 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 135 | 69 | Back Surface | 0 | 633333 | 3499.995 | 15.00 | 14.62 | 109.14% | 0.023 | 0.025 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 1   | 1  | Top Edge     | 0 | 633333 | 3499.995 | 15.00 | 14.73 | 106.41% | 1.060 | 1.128 | 119 |
| NR n77 & n78_PC3_FCC |        |                        | 135 | 69 | Top Edge     | 0 | 633333 | 3499.995 | 15.00 | 14.62 | 109.14% | 0.956 | 1.043 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 270 | 0  | Top Edge     | 0 | 633333 | 3499.995 | 14.50 | 13.97 | 112.98% | 0.885 | 1.000 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 1   | 1  | Right Edge   | 0 | 633333 | 3499.995 | 15.00 | 14.73 | 106.41% | 0.028 | 0.030 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 135 | 69 | Right Edge   | 0 | 633333 | 3499.995 | 15.00 | 14.62 | 109.14% | 0.025 | 0.027 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 1   | 1  | Left Edge    | 0 | 633333 | 3499.995 | 15.00 | 14.73 | 106.41% | 0.016 | 0.017 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 135 | 69 | Left Edge    | 0 | 633333 | 3499.995 | 15.00 | 14.62 | 109.14% | 0.013 | 0.014 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 1   | 1  | Top Edge*    | 0 | 633333 | 3499.995 | 15.00 | 14.73 | 106.41% | 1.020 | 1.085 | -   |
| NR n77 & n78_PC3_FCC |        |                        | 1   | 1  | Top Edge**   | 0 | 633333 | 3499.995 | 15.00 | 14.73 | 106.41% | 0.858 | 0.913 | -   |
| NR n77 & n78_PC2_FCC | 100MHz | SCS 30kHz<br>Pi/2 BPSK | 1   | 1  | Back Surface | 0 | 633333 | 3499.995 | 15.00 | 14.72 | 106.66% | 0.010 | 0.011 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 135 | 69 | Back Surface | 0 | 633333 | 3499.995 | 15.00 | 14.60 | 109.65% | 0.009 | 0.010 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 1   | 1  | Top Edge     | 0 | 633333 | 3499.995 | 15.00 | 14.72 | 106.66% | 0.268 | 0.286 | 120 |
| NR n77 & n78_PC2_FCC |        |                        | 135 | 69 | Top Edge     | 0 | 633333 | 3499.995 | 15.00 | 14.60 | 109.65% | 0.234 | 0.257 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 1   | 1  | Right Edge   | 0 | 633333 | 3499.995 | 15.00 | 14.72 | 106.66% | 0.008 | 0.009 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 135 | 69 | Right Edge   | 0 | 633333 | 3499.995 | 15.00 | 14.60 | 109.65% | 0.006 | 0.007 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 1   | 1  | Left Edge    | 0 | 633333 | 3499.995 | 15.00 | 14.72 | 106.66% | 0.006 | 0.006 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 135 | 69 | Left Edge    | 0 | 633333 | 3499.995 | 15.00 | 14.60 | 109.65% | 0.004 | 0.004 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 1   | 1  | Top Edge**   | 0 | 633333 | 3499.995 | 15.00 | 14.72 | 106.66% | 0.213 | 0.227 | -   |
| NR n77 & n78_PC2_FCC |        |                        | 1   | 1  | Top Edge**   | 0 | 633333 | 3499.995 | 15.00 | 14.72 | 106.66% | 0.213 | 0.227 | -   |

Note: \* - repeated at the highest SAR measurement according to the KDB 865664 D01

Note: \*\* - Vendor2 Spot check

## Note:

Reported SAR = measured SAR \* Power scaling \* Duty cycle scaling

## 6.3 Reporting statements of conformity

The conformity statement in this report is based solely on the test results, measurement uncertainty is excluded.

## 6.4 Conclusion

The device is compliant because all the standalone results are less than their corresponding criteria.

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## 7 SIMULTANEOUS TRANSMISSION ANALYSIS

### 7.1 Simultaneous Transmission Scenarios:

| Simultaneous Transmission configurations         |
|--------------------------------------------------|
| WWAN + WLAN 2.4GHz Ant2 + BT Ant1                |
| WWAN + WLAN 2.4GHz Ant2 + WLAN 2.4GHz Ant1       |
| WWAN + WLAN 5GHz Ant2 + BT Ant1                  |
| WWAN + WLAN 5GHz Ant2 + WLAN 5GHz Ant1           |
| WWAN + WLAN 5GHz Ant2 + WLAN 5GHz Ant1 + BT Ant1 |
| WWAN + WLAN 6GHz Ant2 + BT Ant1                  |
| WWAN + WLAN 6GHz Ant2 + WLAN 6GHz Ant1           |
| WWAN + WLAN 6GHz Ant2 + WLAN 6GHz Ant1 + BT Ant1 |

#### Note.

All of WLAN/BT SAR data can be referred to Intel SAR test report, Report No.: 240828-03.TR06, 240513-03.TR03, 200611-01.TR07 and 240617-05.TR02 and these results are used for simultaneous transmission analysis.

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## 7.2 Estimated SAR calculation

According to KDB447498 D01v06 – When standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

$$\text{Estimated SAR} = \frac{\text{Max. tune up power (mW)}}{\text{Min. test separation distance(mm)}} \times \frac{\sqrt{f(\text{GHz})}}{7.5}$$

If the minimum test separation distance is < 5mm, a distance of 5mm is used for estimated SAR calculation. When the test separation distance is >50mm, the 0.4W/kg is used for SAR-1g.

## 7.3 SPLSR evaluation and analysis

Per KDB447498D01, when the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR sum to peak location separation ratio(SPLSR).

The simultaneous transmitting antennas in each operating mode and exposure condition combination must be considered one pair at a time to determine the SAR to peak location separation ratio to qualify for test exclusion.

The ratio is determined by  $(\text{SAR1} + \text{SAR2})^{1.5}/R_i$ , rounded to two decimal digits, and must be  $\leq 0.04$  for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion.

SAR1 and SAR2 are the highest reported or estimated SAR for each antenna in the pair, and  $R_i$  is the separation distance between the peak SAR locations for the antenna pair in mm.

When standalone test exclusion applies, SAR is estimated; the peak location is assumed to be at the feed-point or geometric center of the antenna.

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## Simultaneous Transmission Combination

## Ant5

|                   |              | Exposure Position | Reported SAR                            |                                                   |                                                |                                                |                                              |                                              |                                              |                                           |                                              |                                               |                                               | Scenario 1                      |                                   | Scenario 2                        |                                   | Scenario 3                        |                                   | Scenario 4                       |                                    | Scenario 5 |  | Scenario 7 |  | Scenario 8 |  |
|-------------------|--------------|-------------------|-----------------------------------------|---------------------------------------------------|------------------------------------------------|------------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|-------------------------------------------|----------------------------------------------|-----------------------------------------------|-----------------------------------------------|---------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------------|------------------------------------|------------|--|------------|--|------------|--|
|                   |              |                   | 1<br>WLAN<br>Ant 1<br>1g SAR<br>(mW/kg) | 2<br>4G/LTE<br>WLAN<br>Ant 2<br>1g SAR<br>(mW/kg) | 3<br>2.4GHz WLAN<br>Ant 1<br>1g SAR<br>(mW/kg) | 4<br>2.4GHz WLAN<br>Ant 2<br>1g SAR<br>(mW/kg) | 5<br>5GHz WLAN<br>Ant 1<br>1g SAR<br>(mW/kg) | 6<br>5GHz WLAN<br>Ant 2<br>1g SAR<br>(mW/kg) | 7<br>5GHz WLAN<br>Ant 3<br>1g SAR<br>(mW/kg) | 8<br>Bluetooth Ant 1<br>1g SAR<br>(mW/kg) | 9<br>802.11g WLAN Ant 1<br>1g SAR<br>(mW/kg) | 10<br>802.11g WLAN Ant 2<br>1g SAR<br>(mW/kg) | 11<br>802.11g WLAN Ant 3<br>1g SAR<br>(mW/kg) | 1+4<br>Summed<br>1g SAR (mW/kg) | 1+7+8<br>Summed<br>1g SAR (mW/kg) | 1+9+8<br>Summed<br>1g SAR (mW/kg) | 1+4+8<br>Summed<br>1g SAR (mW/kg) | 1+7+8<br>Summed<br>1g SAR (mW/kg) | 1+9+8<br>Summed<br>1g SAR (mW/kg) | 1+11<br>Summed<br>1g SAR (mW/kg) | 1+4+11<br>Summed<br>1g SAR (mW/kg) |            |  |            |  |            |  |
| WCDMA Band V      | Back Surface | 0                 | 0.063                                   | 0.400                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.750                                        | 0.730                                         | 0.740                                         | 0.538                           | 0.833                             | 0.583                             | 0.573                             | 0.893                             | 0.803                             | 0.863                            | 0.863                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.789                                   | 0.870                                             | 1.070                                          | 0.970                                          | 0.990                                        | 1.030                                        | 1.030                                        | 1.150                                     | 1.190                                        | 0.880                                         | 1.035                                         | 1.769                           | 1.709                             | 1.509                             | 1.968                             | 1.948                             | 1.813                             | 1.824                            | 1.974                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.335                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.301                                         | 0.301                           | 0.501                             | 0.501                             | 0.301                             | 0.501                             | 0.301                             | 0.501                            | 0.301                              |            |  |            |  |            |  |
| LTE Band 5        | Back Surface | 0                 | 0.027                                   | 0.400                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.750                                        | 0.730                                         | 0.740                                         | 0.534                           | 0.829                             | 0.579                             | 0.569                             | 0.889                             | 0.889                             | 0.799                            | 0.809                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.727                                   | 0.870                                             | 1.070                                          | 0.970                                          | 0.990                                        | 1.030                                        | 1.030                                        | 1.150                                     | 1.190                                        | 0.880                                         | 1.035                                         | 1.697                           | 1.737                             | 1.497                             | 1.967                             | 1.967                             | 1.857                             | 1.762                            | 1.932                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.112                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.312                                         | 0.312                           | 0.512                             | 0.512                             | 0.312                             | 0.512                             | 0.312                             | 0.512                            | 0.312                              |            |  |            |  |            |  |
| LTE Band 12       | Back Surface | 0                 | 0.025                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.470                           | 0.620                             | 0.400                             | 0.400                             | 0.680                             | 0.680                             | 0.670                            | 0.670                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.684                                   | 0.870                                             | 1.070                                          | 0.970                                          | 0.750                                        | 0.770                                        | 0.060                                        | 0.750                                     | 0.730                                        | 0.740                                         | 0.559                                         | 0.854                           | 0.604                             | 0.594                             | 0.874                             | 0.874                             | 0.824                             | 0.864                            |                                    |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.081                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.301                                         | 0.301                           | 0.501                             | 0.501                             | 0.301                             | 0.501                             | 0.301                             | 0.501                            | 0.301                              |            |  |            |  |            |  |
| LTE Band 13       | Back Surface | 0                 | 0.028                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.463                           | 0.633                             | 0.400                             | 0.400                             | 0.633                             | 0.633                             | 0.613                            | 0.613                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.493                                   | 0.870                                             | 1.070                                          | 0.970                                          | 0.990                                        | 1.030                                        | 1.030                                        | 1.150                                     | 1.190                                        | 0.880                                         | 1.035                                         | 1.493                           | 1.533                             | 1.293                             | 1.493                             | 1.493                             | 1.293                             | 1.493                            | 1.293                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.075                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.275                                         | 0.275                           | 0.475                             | 0.475                             | 0.275                             | 0.475                             | 0.275                             | 0.475                            | 0.275                              |            |  |            |  |            |  |
| LTE Band 14       | Back Surface | 0                 | 0.009                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.454                           | 0.604                             | 0.400                             | 0.400                             | 0.584                             | 0.584                             | 0.584                            | 0.584                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.018                                   | 0.400                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.750                                        | 0.730                                         | 0.740                                         | 0.493                           | 0.738                             | 0.538                             | 0.428                             | 0.488                             | 0.488                             | 0.738                            | 0.818                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.040                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.370                                         | 0.370                           | 0.570                             | 0.570                             | 0.370                             | 0.570                             | 0.370                             | 0.570                            | 0.370                              |            |  |            |  |            |  |
| LTE Band 17       | Back Surface | 0                 | 0.008                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.453                           | 0.603                             | 0.400                             | 0.400                             | 0.583                             | 0.583                             | 0.583                            | 0.583                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.090                                   | 0.400                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.750                                        | 0.730                                         | 0.740                                         | 0.565                           | 0.865                             | 0.610                             | 0.600                             | 0.820                             | 0.800                             | 0.890                            | 0.890                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.014                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.155                                         | 0.155                           | 0.355                             | 0.355                             | 0.155                             | 0.355                             | 0.155                             | 0.355                            | 0.155                              |            |  |            |  |            |  |
| LTE Band 26_FCC   | Back Surface | 0                 | 0.025                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.470                           | 0.620                             | 0.400                             | 0.400                             | 0.680                             | 0.680                             | 0.670                            | 0.670                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.670                                   | 0.490                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.730                                        | 0.730                                         | 0.740                                         | 0.545                           | 0.845                             | 0.590                             | 0.580                             | 0.900                             | 0.880                             | 0.870                            | 0.870                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.114                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.314                                         | 0.314                           | 0.514                             | 0.514                             | 0.314                             | 0.514                             | 0.314                             | 0.514                            | 0.314                              |            |  |            |  |            |  |
| LTE Band 71       | Back Surface | 0                 | 0.031                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.476                           | 0.626                             | 0.491                             | 0.491                             | 0.686                             | 0.681                             | 0.666                            | 0.666                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.670                                   | 0.490                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.730                                        | 0.730                                         | 0.740                                         | 0.545                           | 0.845                             | 0.590                             | 0.580                             | 0.900                             | 0.880                             | 0.870                            | 0.870                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.114                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.314                                         | 0.314                           | 0.514                             | 0.514                             | 0.314                             | 0.514                             | 0.314                             | 0.514                            | 0.314                              |            |  |            |  |            |  |
| LTE Band 41_P3    | Back Surface | 0                 | 0.030                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.476                           | 0.626                             | 0.491                             | 0.491                             | 0.686                             | 0.681                             | 0.666                            | 0.666                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.670                                   | 0.490                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.730                                        | 0.730                                         | 0.740                                         | 0.545                           | 0.845                             | 0.590                             | 0.580                             | 0.900                             | 0.880                             | 0.870                            | 0.870                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.114                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.314                                         | 0.314                           | 0.514                             | 0.514                             | 0.314                             | 0.514                             | 0.314                             | 0.514                            | 0.314                              |            |  |            |  |            |  |
| LTE Band 42_Part1 | Back Surface | 0                 | 0.030                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.476                           | 0.626                             | 0.491                             | 0.491                             | 0.686                             | 0.681                             | 0.666                            | 0.666                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.670                                   | 0.490                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.730                                        | 0.730                                         | 0.740                                         | 0.545                           | 0.845                             | 0.590                             | 0.580                             | 0.900                             | 0.880                             | 0.870                            | 0.870                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.114                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.314                                         | 0.314                           | 0.514                             | 0.514                             | 0.314                             | 0.514                             | 0.314                             | 0.514                            | 0.314                              |            |  |            |  |            |  |
| LTE Band 48       | Back Surface | 0                 | 0.030                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.476                           | 0.626                             | 0.491                             | 0.491                             | 0.686                             | 0.681                             | 0.666                            | 0.666                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.670                                   | 0.490                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.730                                        | 0.730                                         | 0.740                                         | 0.545                           | 0.845                             | 0.590                             | 0.580                             | 0.900                             | 0.880                             | 0.870                            | 0.870                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.114                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.314                                         | 0.314                           | 0.514                             | 0.514                             | 0.314                             | 0.514                             | 0.314                             | 0.514                            | 0.314                              |            |  |            |  |            |  |
| NR n2             | Back Surface | 0                 | 0.034                                   | 0.400                                             | 0.400                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.750                                        | 0.730                                         | 0.740                                         | 0.509                           | 0.804                             | 0.554                             | 0.544                             | 0.864                             | 0.834                             | 0.774                            | 0.834                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.540                                   | 0.870                                             | 1.070                                          | 0.990                                          | 1.030                                        | 1.030                                        | 1.150                                        | 1.190                                     | 0.880                                        | 1.035                                         | 1.512                                         | 1.552                           | 1.292                             | 1.722                             | 1.702                             | 1.572                             | 1.572                             | 1.722                            | 1.722                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.140                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.243                                         | 0.243                           | 0.443                             | 0.443                             | 0.243                             | 0.443                             | 0.243                             | 0.443                            | 0.243                              |            |  |            |  |            |  |
| NR n5             | Back Surface | 0                 | 0.013                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.459                           | 0.609                             | 0.473                             | 0.473                             | 0.689                             | 0.678                             | 0.649                            | 0.649                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.050                                   | 0.400                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.750                                        | 0.730                                         | 0.740                                         | 0.525                           | 0.820                             | 0.570                             | 0.560                             | 0.880                             | 0.780                             | 0.850                            | 0.850                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.013                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.131                                         | 0.131                           | 0.331                             | 0.331                             | 0.131                             | 0.331                             | 0.131                             | 0.331                            | 0.131                              |            |  |            |  |            |  |
| NR n12            | Back Surface | 0                 | 0.030                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.459                           | 0.609                             | 0.473                             | 0.473                             | 0.689                             | 0.678                             | 0.649                            | 0.649                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.050                                   | 0.400                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.750                                        | 0.730                                         | 0.740                                         | 0.525                           | 0.820                             | 0.570                             | 0.560                             | 0.880                             | 0.780                             | 0.850                            | 0.850                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.013                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.131                                         | 0.131                           | 0.331                             | 0.331                             | 0.131                             | 0.331                             | 0.131                             | 0.331                            | 0.131                              |            |  |            |  |            |  |
| NR n14            | Back Surface | 0                 | 0.030                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.459                           | 0.609                             | 0.473                             | 0.473                             | 0.689                             | 0.678                             | 0.649                            | 0.649                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.050                                   | 0.400                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.750                                        | 0.730                                         | 0.740                                         | 0.525                           | 0.820                             | 0.570                             | 0.560                             | 0.880                             | 0.780                             | 0.850                            | 0.850                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.013                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.131                                         | 0.131                           | 0.331                             | 0.331                             | 0.131                             | 0.331                             | 0.131                             | 0.331                            | 0.131                              |            |  |            |  |            |  |
| NR n71            | Back Surface | 0                 | 0.030                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.459                           | 0.609                             | 0.473                             | 0.473                             | 0.689                             | 0.678                             | 0.649                            | 0.649                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.050                                   | 0.400                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.750                                        | 0.730                                         | 0.740                                         | 0.525                           | 0.820                             | 0.570                             | 0.560                             | 0.880                             | 0.780                             | 0.850                            | 0.850                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.013                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.131                                         | 0.131                           | 0.331                             | 0.331                             | 0.131                             | 0.331                             | 0.131                             | 0.331                            | 0.131                              |            |  |            |  |            |  |
| NR n71_PCC3_FCC   | Back Surface | 0                 | 0.030                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.459                           | 0.609                             | 0.473                             | 0.473                             | 0.689                             | 0.678                             | 0.649                            | 0.649                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.050                                   | 0.400                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.750                                        | 0.730                                         | 0.740                                         | 0.525                           | 0.820                             | 0.570                             | 0.560                             | 0.880                             | 0.780                             | 0.850                            | 0.850                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.013                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.131                                         | 0.131                           | 0.331                             | 0.331                             | 0.131                             | 0.331                             | 0.131                             | 0.331                            | 0.131                              |            |  |            |  |            |  |
| NR n77_PCC2_FCC   | Back Surface | 0                 | 0.030                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.459                           | 0.609                             | 0.473                             | 0.473                             | 0.689                             | 0.678                             | 0.649                            | 0.649                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.050                                   | 0.400                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.750                                        | 0.730                                         | 0.740                                         | 0.525                           | 0.820                             | 0.570                             | 0.560                             | 0.880                             | 0.780                             | 0.850                            | 0.850                              |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.013                                   | 0.400                                             | 0.400                                          | 0.200                                          | 0.400                                        | 0.200                                        | 0.400                                        | 0.200                                     | 0.400                                        | 0.200                                         | 0.131                                         | 0.131                           | 0.331                             | 0.331                             | 0.131                             | 0.331                             | 0.131                             | 0.331                            | 0.131                              |            |  |            |  |            |  |
| NR n77_PCC3_FCC   | Back Surface | 0                 | 0.030                                   | 0.400                                             | 0.400                                          | 0.445                                          | 0.750                                        | 0.400                                        | 0.595                                        | 0.060                                     | 0.750                                        | 0.400                                         | 0.575                                         | 0.459                           | 0.609                             | 0.473                             | 0.473                             | 0.689                             | 0.678                             | 0.649                            | 0.649                              |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.050                                   | 0.400                                             | 0.460                                          | 0.475                                          | 0.750                                        | 0.750                                        | 0.770                                        | 0.060                                     | 0.750                                        | 0.730                                         | 0.740                                         | 0.525                           |                                   |                                   |                                   |                                   |                                   |                                  |                                    |            |  |            |  |            |  |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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| Scenario 1.3: |                   |                  |                  |        |       |                     |                                        |       |                                    |
|---------------|-------------------|------------------|------------------|--------|-------|---------------------|----------------------------------------|-------|------------------------------------|
| Position      | Conditions        | SAR Value (W/kg) | Coordinates (cm) |        |       | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|               |                   |                  | x                | y      | z     |                     |                                        |       |                                    |
| Top Edge      | WLAN 2.4G Ant1+BT | 1.020            | -0.74            | -13.40 | -0.35 | -                   | -                                      | -     | -                                  |
|               | WCDMA V           | 0.789            | -1.20            | 8.40   | -0.37 | 1.809               | 218.05                                 | 0.011 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 5        | 0.727            | -0.90            | 8.25   | -0.34 | 1.747               | 216.51                                 | 0.011 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 12       | 0.851            | -0.90            | 7.50   | -0.35 | 1.871               | 209.01                                 | 0.012 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 17       | 0.814            | -0.75            | 7.61   | -0.36 | 1.834               | 210.10                                 | 0.012 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 26       | 0.671            | -0.90            | 8.15   | -0.36 | 1.691               | 215.51                                 | 0.010 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 71       | 0.782            | -0.60            | 7.50   | -0.38 | 1.802               | 209.00                                 | 0.012 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 41       | 0.724            | -0.92            | 12.80  | -0.28 | 1.744               | 262.01                                 | 0.009 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 42       | 0.764            | -0.90            | 12.82  | -0.30 | 1.784               | 262.21                                 | 0.009 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 48       | 0.742            | -0.90            | 12.92  | -0.31 | 1.762               | 263.21                                 | 0.009 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n5             | 0.778            | -0.46            | 9.90   | -0.37 | 1.798               | 233.02                                 | 0.010 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n12            | 0.946            | -0.45            | 7.46   | -0.38 | 1.966               | 208.62                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n26            | 0.714            | -0.46            | 9.90   | -0.37 | 1.734               | 233.02                                 | 0.010 | SPLSR $\leq$ 0.04, Not required    |

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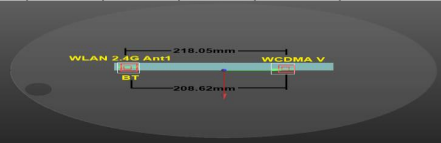
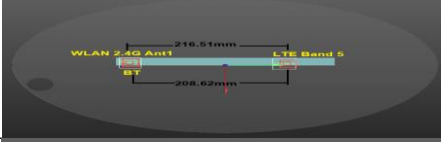
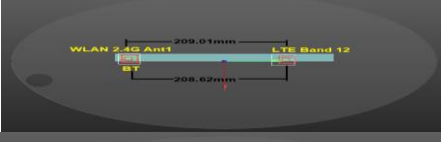
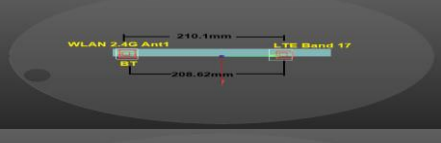
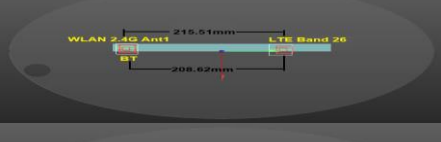
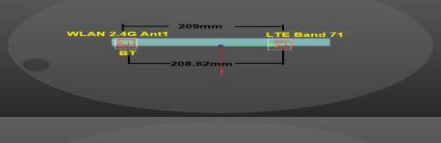
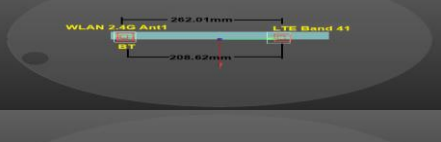
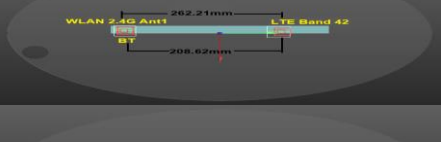
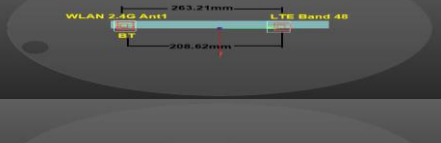
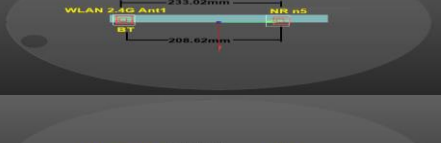
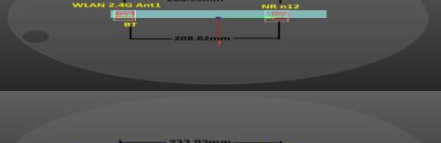
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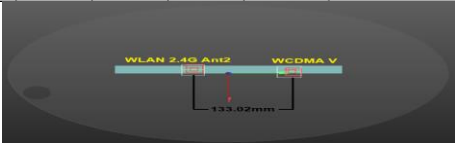
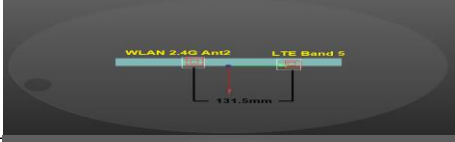
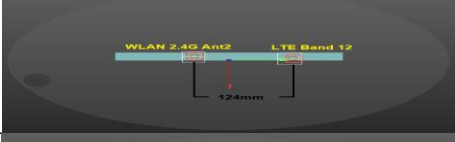
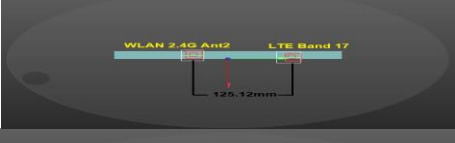
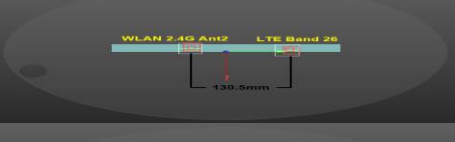
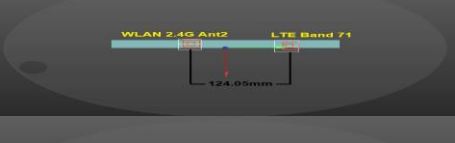
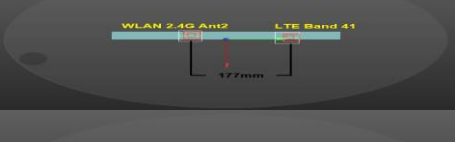
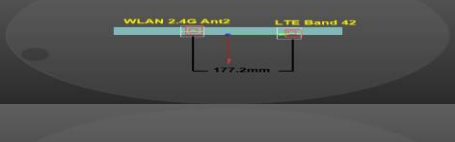
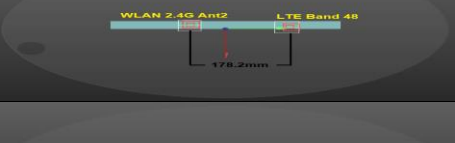
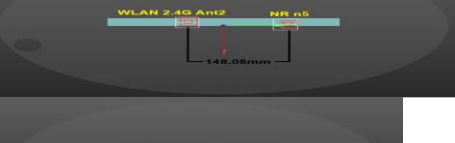
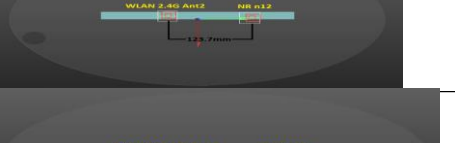
| Scenario 1,3: |                |                  |                  |       |       |                     |                                        |       |                                    |
|---------------|----------------|------------------|------------------|-------|-------|---------------------|----------------------------------------|-------|------------------------------------|
| Position      | Conditions     | SAR Value (W/kg) | Coordinates (cm) |       |       | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|               |                |                  | x                | y     | z     |                     |                                        |       |                                    |
| Top Edge      | WLAN 2.4G Ant2 | 1.070            | -0.96            | -4.90 | -0.35 | -                   | -                                      | -     | -                                  |
|               | WCDMA V        | 0.789            | -1.20            | 8.40  | -0.37 | 1.859               | 133.02                                 | 0.019 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 5     | 0.727            | -0.90            | 8.25  | -0.34 | 1.797               | 131.50                                 | 0.018 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 12    | 0.851            | -0.90            | 7.50  | -0.35 | 1.921               | 124.00                                 | 0.021 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 17    | 0.814            | -0.75            | 7.61  | -0.36 | 1.884               | 125.12                                 | 0.021 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 26    | 0.671            | -0.90            | 8.15  | -0.36 | 1.741               | 130.50                                 | 0.018 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 71    | 0.782            | -0.60            | 7.50  | -0.38 | 1.852               | 124.05                                 | 0.020 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 41    | 0.724            | -0.92            | 12.80 | -0.28 | 1.794               | 177.00                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 42    | 0.764            | -0.90            | 12.82 | -0.30 | 1.834               | 177.20                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 48    | 0.742            | -0.90            | 12.92 | -0.31 | 1.812               | 178.20                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n5          | 0.778            | -0.46            | 9.90  | -0.37 | 1.848               | 148.08                                 | 0.017 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n12         | 0.946            | -0.45            | 7.46  | -0.38 | 2.016               | 123.70                                 | 0.023 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n26         | 0.714            | -0.46            | 9.90  | -0.37 | 1.784               | 148.08                                 | 0.016 | SPLSR $\leq$ 0.04, Not required    |

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| Scenario 2,4,5 |                 |                  |                  |        |       |                     |                                        |       |                                    |
|----------------|-----------------|------------------|------------------|--------|-------|---------------------|----------------------------------------|-------|------------------------------------|
| Position       | Conditions      | SAR Value (W/kg) | Coordinates (cm) |        |       | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|                |                 |                  | x                | y      | z     |                     |                                        |       |                                    |
| Top Edge       | WLAN 5G Ant1+BT | 1.140            | -0.74            | -13.40 | -0.35 | -                   | -                                      | -     | -                                  |
|                | WCDMA V         | 0.789            | -1.20            | 8.40   | -0.37 | 1.929               | 218.05                                 | 0.012 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 5      | 0.727            | -0.90            | 8.25   | -0.34 | 1.867               | 216.51                                 | 0.012 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 12     | 0.851            | -0.90            | 7.50   | -0.35 | 1.991               | 209.01                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 17     | 0.814            | -0.75            | 7.61   | -0.36 | 1.954               | 210.10                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 26     | 0.671            | -0.90            | 8.15   | -0.36 | 1.811               | 215.51                                 | 0.011 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 71     | 0.782            | -0.60            | 7.50   | -0.38 | 1.922               | 209.00                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 41     | 0.724            | -0.92            | 12.80  | -0.28 | 1.864               | 262.01                                 | 0.010 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 42     | 0.764            | -0.90            | 12.82  | -0.30 | 1.904               | 262.21                                 | 0.010 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 48     | 0.742            | -0.90            | 12.92  | -0.31 | 1.882               | 263.21                                 | 0.010 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n5           | 0.778            | -0.46            | 9.90   | -0.37 | 1.918               | 233.02                                 | 0.011 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n12          | 0.946            | -0.45            | 7.46   | -0.38 | 2.086               | 208.62                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n26          | 0.714            | -0.46            | 9.90   | -0.37 | 1.854               | 233.02                                 | 0.011 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n77          | 0.635            | -0.52            | 12.68  | -0.34 | 1.775               | 260.81                                 | 0.009 | SPLSR $\leq$ 0.04, Not required    |

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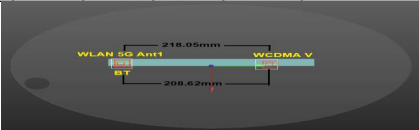
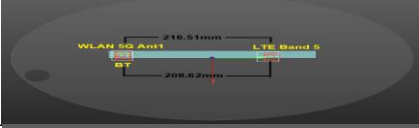
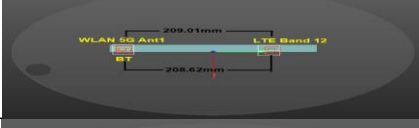
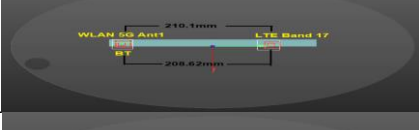
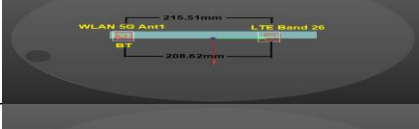
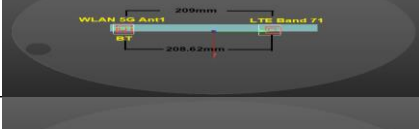
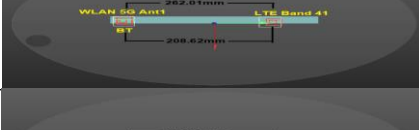
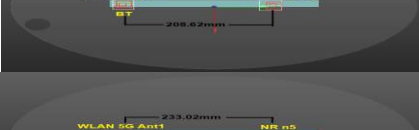
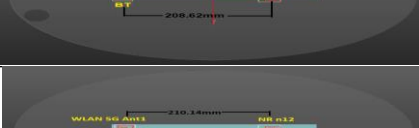
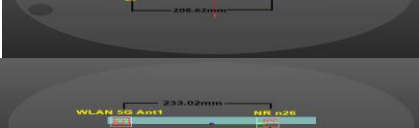
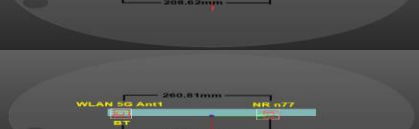
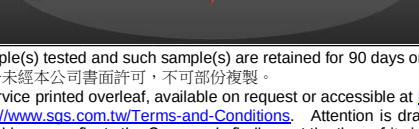
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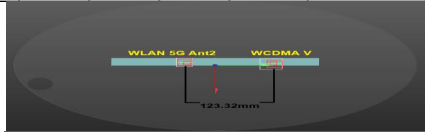
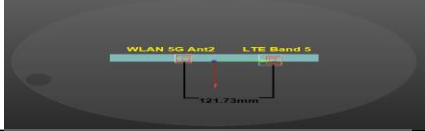
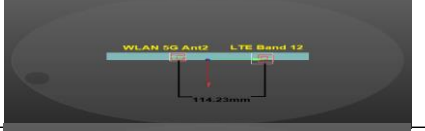
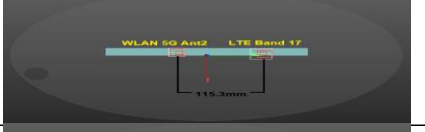
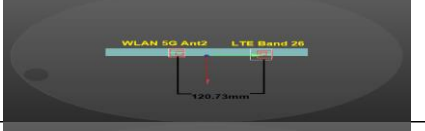
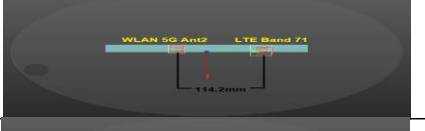
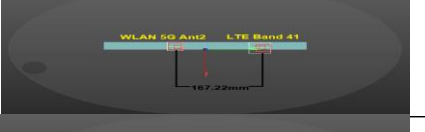
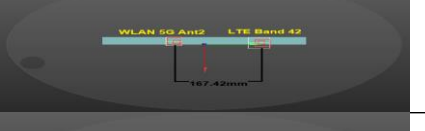
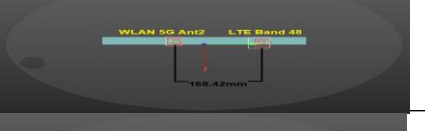
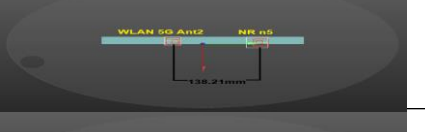
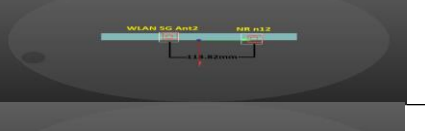
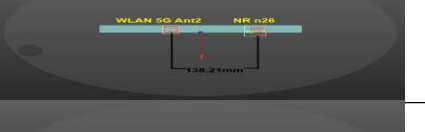
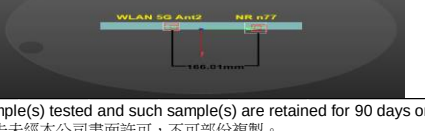
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| Scenario 2,4,5 |              |                  |                  |       |       |                     |                                        |       |                                    |
|----------------|--------------|------------------|------------------|-------|-------|---------------------|----------------------------------------|-------|------------------------------------|
| Position       | Conditions   | SAR Value (W/kg) | Coordinates (cm) |       |       | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|                |              |                  | x                | y     | z     |                     |                                        |       |                                    |
| Top Edge       | WLAN 5G Ant2 | 1.030            | -0.65            | -3.92 | -0.36 | -                   | -                                      | -     | -                                  |
|                | WCDMA V      | 0.789            | -1.20            | 8.40  | -0.37 | 1.819               | 123.32                                 | 0.020 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 5   | 0.727            | -0.90            | 8.25  | -0.34 | 1.757               | 121.73                                 | 0.019 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 12  | 0.851            | -0.90            | 7.50  | -0.35 | 1.881               | 114.23                                 | 0.023 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 17  | 0.814            | -0.75            | 7.61  | -0.36 | 1.844               | 115.30                                 | 0.022 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 26  | 0.671            | -0.90            | 8.15  | -0.36 | 1.701               | 120.73                                 | 0.018 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 71  | 0.782            | -0.60            | 7.50  | -0.38 | 1.812               | 114.20                                 | 0.021 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 41  | 0.724            | -0.92            | 12.80 | -0.28 | 1.754               | 167.22                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 42  | 0.764            | -0.90            | 12.82 | -0.30 | 1.794               | 167.42                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 48  | 0.742            | -0.90            | 12.92 | -0.31 | 1.772               | 168.42                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n5        | 0.778            | -0.46            | 9.90  | -0.37 | 1.808               | 138.21                                 | 0.018 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n12       | 0.946            | -0.45            | 7.46  | -0.38 | 1.976               | 113.82                                 | 0.024 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n26       | 0.714            | -0.46            | 9.90  | -0.37 | 1.744               | 138.21                                 | 0.017 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n77       | 0.635            | -0.52            | 12.68 | -0.34 | 1.665               | 166.01                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |

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| Scenario 6,7,8 |                 |                  |                  |        |       |                     |                                        |       |                                    |
|----------------|-----------------|------------------|------------------|--------|-------|---------------------|----------------------------------------|-------|------------------------------------|
| Position       | Conditions      | SAR Value (W/kg) | Coordinates (cm) |        |       | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|                |                 |                  | x                | y      | z     |                     |                                        |       |                                    |
| Top Edge       | WLAN 6G Ant1+BT | 1.340            | -0.80            | -13.38 | -0.35 | -                   | -                                      | -     | -                                  |
|                | WCDMA V         | 0.789            | -1.20            | 8.40   | -0.37 | 2.129               | 217.84                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 5      | 0.727            | -0.90            | 8.25   | -0.34 | 2.067               | 216.30                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 12     | 0.851            | -0.90            | 7.50   | -0.35 | 2.191               | 208.80                                 | 0.016 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 17     | 0.814            | -0.75            | 7.61   | -0.36 | 2.154               | 209.90                                 | 0.015 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 26     | 0.671            | -0.90            | 8.15   | -0.36 | 2.011               | 215.30                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 71     | 0.782            | -0.60            | 7.50   | -0.38 | 2.122               | 208.81                                 | 0.015 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 41     | 0.724            | -0.92            | 12.80  | -0.28 | 2.064               | 261.80                                 | 0.011 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 42     | 0.764            | -0.90            | 12.82  | -0.30 | 2.104               | 262.00                                 | 0.012 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 48     | 0.742            | -0.90            | 12.92  | -0.31 | 2.082               | 263.00                                 | 0.011 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n2           | 0.542            | -0.61            | 7.61   | -0.36 | 1.882               | 209.91                                 | 0.012 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n5           | 0.778            | -0.46            | 9.90   | -0.37 | 2.118               | 232.82                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n12          | 0.946            | -0.45            | 7.46   | -0.38 | 2.286               | 208.43                                 | 0.017 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n26          | 0.714            | -0.46            | 9.90   | -0.37 | 2.054               | 232.82                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n41          | 0.482            | -0.66            | 12.62  | -0.34 | 1.822               | 260.00                                 | 0.009 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n77          | 0.635            | -0.52            | 12.68  | -0.34 | 1.975               | 260.62                                 | 0.011 | SPLSR $\leq$ 0.04, Not required    |

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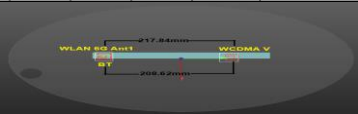
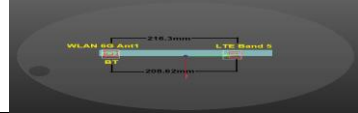
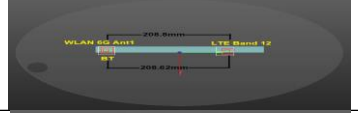
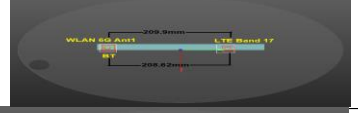
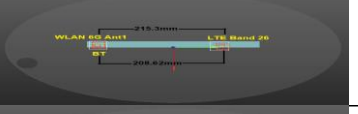
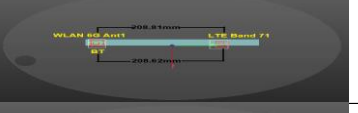
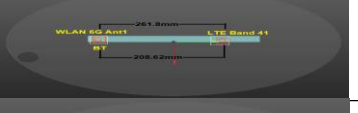
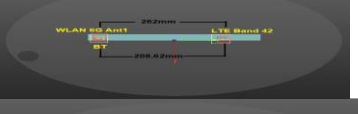
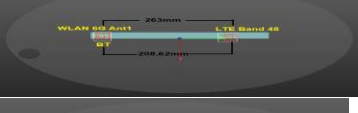
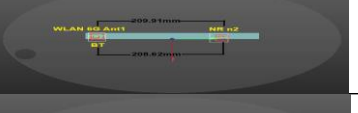
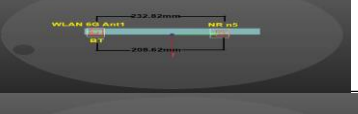
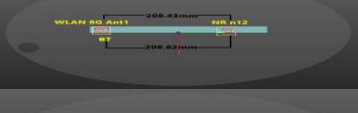
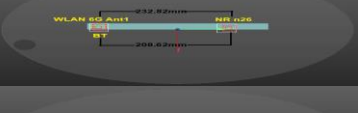
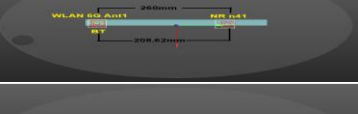
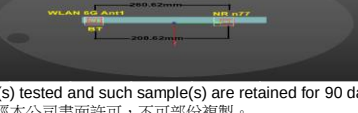
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| Scenario 6,7,8 |              |                  |                  |       |       |                     |                                        |       |                                    |
|----------------|--------------|------------------|------------------|-------|-------|---------------------|----------------------------------------|-------|------------------------------------|
| Position       | Conditions   | SAR Value (W/kg) | Coordinates (cm) |       |       | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|                |              |                  | x                | y     | z     |                     |                                        |       |                                    |
| Top Edge       | WLAN 6G Ant2 | 0.880            | -0.67            | -5.20 | -0.36 | -                   | -                                      | -     | -                                  |
|                | WCDMA V      | 0.789            | -1.20            | 8.40  | -0.37 | 1.669               | 136.10                                 | 0.016 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 5   | 0.727            | -0.90            | 8.25  | -0.34 | 1.607               | 134.52                                 | 0.015 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 12  | 0.851            | -0.90            | 7.50  | -0.35 | 1.731               | 127.02                                 | 0.018 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 17  | 0.814            | -0.75            | 7.61  | -0.36 | 1.694               | 128.10                                 | 0.017 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 26  | 0.671            | -0.90            | 8.15  | -0.36 | 1.551               | 133.52                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 71  | 0.782            | -0.60            | 7.50  | -0.38 | 1.662               | 127.00                                 | 0.017 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 41  | 0.724            | -0.92            | 12.80 | -0.28 | 1.604               | 180.02                                 | 0.011 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 42  | 0.764            | -0.90            | 12.82 | -0.30 | 1.644               | 180.22                                 | 0.012 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 48  | 0.742            | -0.90            | 12.92 | -0.31 | 1.622               | 181.22                                 | 0.011 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n2        | 0.542            | -0.61            | 7.61  | -0.36 | 1.422               | 128.10                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n5        | 0.778            | -0.46            | 9.90  | -0.37 | 1.658               | 151.01                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n12       | 0.946            | -0.45            | 7.46  | -0.38 | 1.826               | 126.62                                 | 0.019 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n26       | 0.714            | -0.46            | 9.90  | -0.37 | 1.594               | 151.01                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n41       | 0.482            | -0.66            | 12.62 | -0.34 | 1.362               | 178.20                                 | 0.009 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n77       | 0.635            | -0.52            | 12.68 | -0.34 | 1.515               | 178.81                                 | 0.010 | SPLSR $\leq$ 0.04, Not required    |

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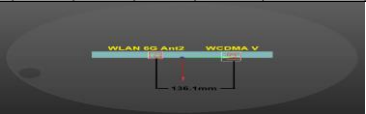
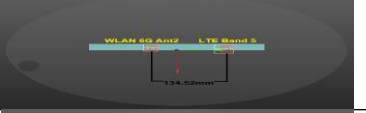
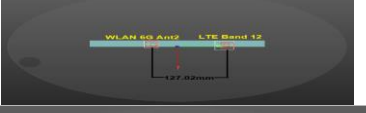
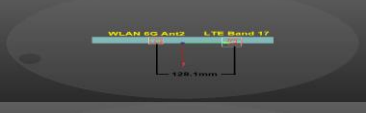
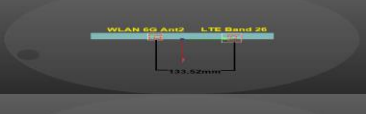
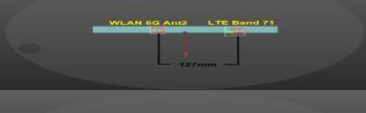
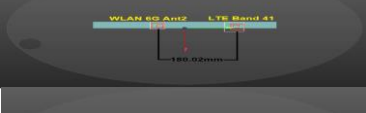
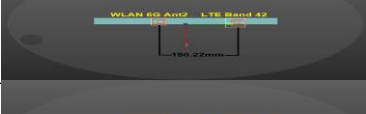
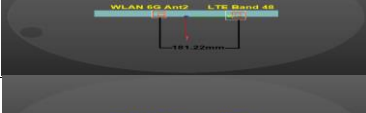
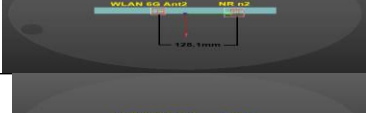
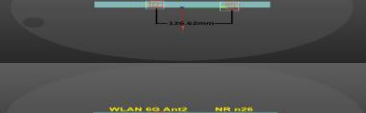
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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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## Ant8

Report No.: TESA2412000852EN

Page: 389 of 478

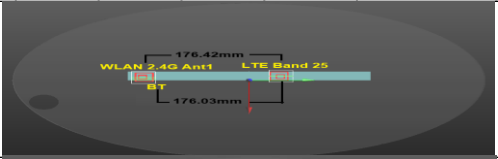
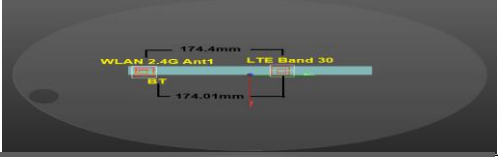
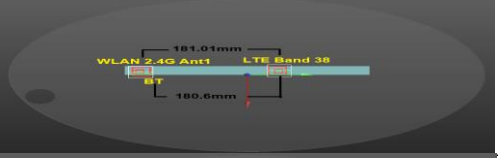
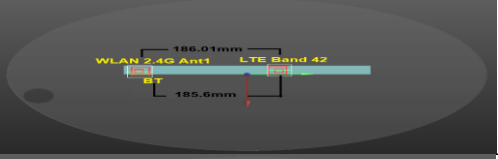
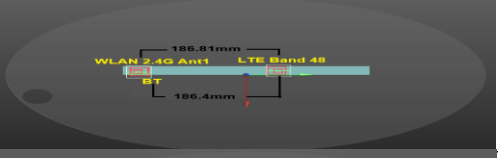
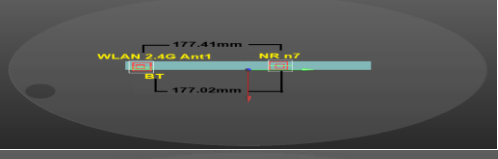
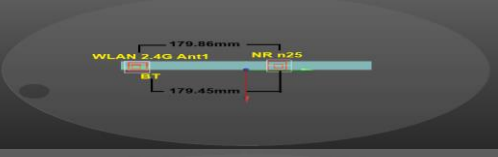
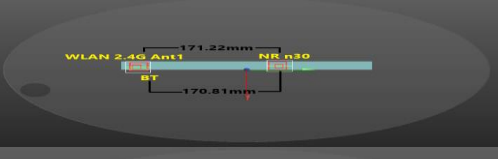
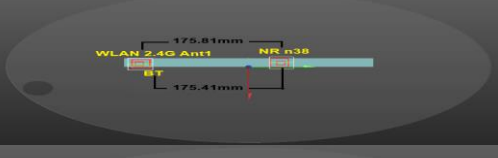
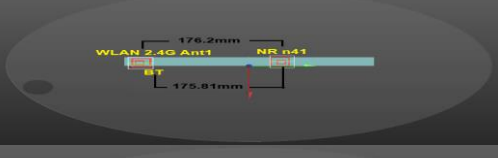
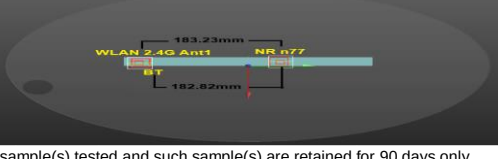
|                   |              | Reported SAR      |                          |                          |                            |                        |                          |                        |               |               |               |               | Scenario 1    |               |               |               |               |               |               |               | Scenario 2    |               | Scenario 3    |               | Scenario 4    |               | Scenario 5    |               | Scenario 6 |  | Scenario 7 |  | Scenario 8 |  |
|-------------------|--------------|-------------------|--------------------------|--------------------------|----------------------------|------------------------|--------------------------|------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|--|------------|--|------------|--|
|                   |              | 1                 | 2                        | 3                        | 3                          | 4                      | 5                        | 6                      | 7             | 8             | 9             | 10            | 11            | 14-1          | 14-2          | 14-3          | 14-4          | 14-5          | 14-6          | 14-7          | 14-8          | 14-9          | 14-10         | 14-11         | 14-11         | 14-11         | 14-11         | 14-11         |            |  |            |  |            |  |
| Exposure Position |              | WWAN Ant 1 (W/kg) | 2.4GHz WLAN Ant 1 (W/kg) | 2.4GHz WLAN Ant 2 (W/kg) | 2.4GHz WLAN Ant 1+2 (W/kg) | 5GHz WLAN Ant 1 (W/kg) | 5GHz WLAN Ant 1+2 (W/kg) | Bluetooth Ant 1 (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) | 1g SAR (W/kg) |            |  |            |  |            |  |
| WCMA Band 8       | Back Surface | 0                 | 0.002                    | 0.490                    | 0.490                      | 0.475                  | 0.750                    | 0.750                  | 0.060         | 0.750         | 0.750         | 0.750         | 0.750         | 0.507         | 0.602         | 0.552         | 0.842         | 0.862         | 0.822         | 0.772         | 0.832         |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.373                    | 0.870                    | 1.070                      | 0.970                  | 0.990                    | 1.020                  | 1.020         | 0.150         | 1.190         | 0.880         | 1.035         | 1.243         | 1.380         | 1.593         | 1.553         | 1.533         | 1.468         | 1.558         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.026                    |                          | 0.400                      | 0.200                  |                          | 0.400                  | 0.200         |               | 0.400         | 0.200         | 0.200         | 0.226         | 0.226         | 0.426         | 0.426         | 0.226         | 0.426         | 0.226         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Left Edge    | 0                 | 0.032                    | 0.490                    | 0.400                      | 0.445                  | 0.750                    | 0.400                  | 0.595         | 0.060         | 0.750         | 0.400         | 0.575         | 0.457         | 0.607         | 0.472         | 0.472         | 0.607         | 0.587         | 0.647         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
| WCMA Band 14      | Back Surface | 0                 | 0.005                    | 0.490                    | 0.490                      | 0.475                  | 0.750                    | 0.750                  | 0.060         | 0.750         | 0.750         | 0.750         | 0.750         | 0.520         | 0.625         | 0.565         | 0.875         | 0.895         | 0.855         | 0.805         | 0.865         |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.574                    | 0.870                    | 1.070                      | 0.970                  | 0.990                    | 1.030                  | 1.030         | 0.150         | 1.190         | 0.880         | 1.035         | 1.544         | 1.584         | 1.754         | 1.754         | 1.754         | 1.689         | 1.759         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.031                    |                          | 0.400                      | 0.200                  |                          | 0.400                  | 0.200         |               | 0.400         | 0.200         | 0.200         | 0.231         | 0.231         | 0.431         | 0.431         | 0.231         | 0.431         | 0.231         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Left Edge    | 0                 | 0.035                    | 0.490                    | 0.400                      | 0.445                  | 0.750                    | 0.400                  | 0.595         | 0.060         | 0.750         | 0.400         | 0.575         | 0.469         | 0.619         | 0.475         | 0.475         | 0.619         | 0.599         | 0.659         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
| LTE Band 2        | Back Surface | 0                 | 0.005                    | 0.490                    | 0.490                      | 0.475                  | 0.750                    | 0.750                  | 0.060         | 0.750         | 0.750         | 0.750         | 0.750         | 0.510         | 0.605         | 0.545         | 0.845         | 0.865         | 0.825         | 0.775         | 0.835         |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.463                    | 0.870                    | 1.070                      | 0.970                  | 0.990                    | 1.020                  | 1.020         | 0.150         | 1.190         | 0.880         | 1.035         | 1.421         | 1.461         | 1.631         | 1.631         | 1.631         | 1.481         | 1.551         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.029                    |                          | 0.400                      | 0.200                  |                          | 0.400                  | 0.200         |               | 0.400         | 0.200         | 0.200         | 0.229         | 0.229         | 0.429         | 0.429         | 0.229         | 0.429         | 0.229         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Left Edge    | 0                 | 0.033                    | 0.490                    | 0.400                      | 0.445                  | 0.750                    | 0.400                  | 0.595         | 0.060         | 0.750         | 0.400         | 0.575         | 0.468         | 0.608         | 0.473         | 0.473         | 0.608         | 0.473         | 0.588         | 0.648         |               |               |               |               |               |               |               |            |  |            |  |            |  |
| LTE Band 4        | Back Surface | 0                 | 0.005                    | 0.490                    | 0.490                      | 0.475                  | 0.750                    | 0.750                  | 0.060         | 0.750         | 0.750         | 0.750         | 0.750         | 0.510         | 0.605         | 0.545         | 0.845         | 0.865         | 0.825         | 0.775         | 0.835         |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.567                    | 0.870                    | 1.070                      | 0.970                  | 0.990                    | 1.020                  | 1.020         | 0.150         | 1.190         | 0.880         | 1.035         | 1.537         | 1.577         | 1.747         | 1.747         | 1.747         | 1.607         | 1.707         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.032                    |                          | 0.400                      | 0.200                  |                          | 0.400                  | 0.200         |               | 0.400         | 0.200         | 0.200         | 0.232         | 0.232         | 0.432         | 0.432         | 0.232         | 0.432         | 0.232         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Left Edge    | 0                 | 0.038                    | 0.490                    | 0.400                      | 0.445                  | 0.750                    | 0.400                  | 0.595         | 0.060         | 0.750         | 0.400         | 0.575         | 0.461         | 0.611         | 0.476         | 0.476         | 0.611         | 0.476         | 0.591         | 0.651         |               |               |               |               |               |               |               |            |  |            |  |            |  |
| LTE Band 7        | Back Surface | 0                 | 0.007                    | 0.490                    | 0.490                      | 0.475                  | 0.750                    | 0.750                  | 0.060         | 0.750         | 0.750         | 0.750         | 0.750         | 0.512         | 0.607         | 0.557         | 0.847         | 0.867         | 0.827         | 0.777         | 0.837         |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.627                    | 0.870                    | 1.070                      | 0.970                  | 0.990                    | 1.030                  | 1.030         | 0.150         | 1.190         | 0.880         | 1.035         | 1.597         | 1.637         | 1.807         | 1.807         | 1.807         | 1.647         | 1.747         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.034                    |                          | 0.400                      | 0.200                  |                          | 0.400                  | 0.200         |               | 0.400         | 0.200         | 0.200         | 0.234         | 0.234         | 0.434         | 0.434         | 0.234         | 0.434         | 0.234         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Left Edge    | 0                 | 0.035                    | 0.490                    | 0.400                      | 0.445                  | 0.750                    | 0.400                  | 0.595         | 0.060         | 0.750         | 0.400         | 0.575         | 0.460         | 0.610         | 0.475         | 0.475         | 0.610         | 0.475         | 0.585         | 0.645         |               |               |               |               |               |               |               |            |  |            |  |            |  |
| LTE Band 25       | Back Surface | 0                 | 0.031                    | 0.490                    | 0.460                      | 0.475                  | 0.750                    | 0.750                  | 0.750         | 0.060         | 0.750         | 0.730         | 0.740         | 0.525         | 0.620         | 0.570         | 0.860         | 0.880         | 0.840         | 0.790         | 0.850         |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 1.031                    | 0.870                    | 1.070                      | 0.970                  | 0.990                    | 1.030                  | 1.030         | 0.150         | 1.190         | 0.880         | 1.035         | 2.041         | 2.041         | 2.211         | 2.211         | 2.211         | 2.041         | 2.141         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.032                    |                          | 0.400                      | 0.200                  |                          | 0.400                  | 0.200         |               | 0.400         | 0.200         | 0.200         | 0.242         | 0.242         | 0.442         | 0.442         | 0.242         | 0.442         | 0.242         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Left Edge    | 0                 | 0.028                    | 0.490                    | 0.400                      | 0.445                  | 0.750                    | 0.400                  | 0.595         | 0.060         | 0.750         | 0.400         | 0.575         | 0.471         | 0.621         | 0.486         | 0.486         | 0.621         | 0.486         | 0.601         | 0.661         |               |               |               |               |               |               |               |            |  |            |  |            |  |
| LTE Band 30       | Back Surface | 0                 | 0.026                    | 0.490                    | 0.460                      | 0.475                  | 0.750                    | 0.750                  | 0.060         | 0.750         | 0.730         | 0.740         | 0.500         | 0.745         | 0.546         | 0.486         | 0.885         | 0.885         | 0.845         | 0.795         | 0.855         |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.555                    | 0.870                    | 1.070                      | 0.970                  | 0.990                    | 1.030                  | 1.030         | 0.150         | 1.190         | 0.880         | 1.035         | 1.525         | 1.565         | 1.735         | 1.735         | 1.735         | 1.585         | 1.595         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.032                    |                          | 0.400                      | 0.200                  |                          | 0.400                  | 0.200         |               | 0.400         | 0.200         | 0.200         | 0.222         | 0.222         | 0.422         | 0.422         | 0.222         | 0.422         | 0.222         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Left Edge    | 0                 | 0.028                    | 0.490                    | 0.400                      | 0.445                  | 0.750                    | 0.400                  | 0.595         | 0.060         | 0.750         | 0.400         | 0.575         | 0.463         | 0.603         | 0.468         | 0.468         | 0.603         | 0.468         | 0.583         | 0.643         |               |               |               |               |               |               |               |            |  |            |  |            |  |
| LTE Band 38       | Back Surface | 0                 | 0.032                    | 0.490                    | 0.460                      | 0.475                  | 0.750                    | 0.750                  | 0.060         | 0.750         | 0.730         | 0.740         | 0.507         | 0.602         | 0.552         | 0.842         | 0.862         | 0.822         | 0.772         | 0.832         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.751                    | 0.870                    | 1.070                      | 0.970                  | 0.990                    | 1.030                  | 1.030         | 0.150         | 1.190         | 0.880         | 1.035         | 1.701         | 1.701         | 1.871         | 1.871         | 1.871         | 1.701         | 1.801         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.028                    |                          | 0.400                      | 0.200                  |                          | 0.400                  | 0.200         |               | 0.400         | 0.200         | 0.200         | 0.225         | 0.225         | 0.425         | 0.425         | 0.225         | 0.425         | 0.225         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Left Edge    | 0                 | 0.031                    | 0.490                    | 0.400                      | 0.445                  | 0.750                    | 0.400                  | 0.595         | 0.060         | 0.750         | 0.400         | 0.575         | 0.456         | 0.606         | 0.471         | 0.471         | 0.606         | 0.471         | 0.586         | 0.646         |               |               |               |               |               |               |               |            |  |            |  |            |  |
| LTE Band 41_PCS   | Back Surface | 0                 | 0.030                    | 0.490                    | 0.460                      | 0.475                  | 0.750                    | 0.750                  | 0.060         | 0.750         | 0.730         | 0.740         | 0.505         | 0.708         | 0.548         | 0.838         | 0.858         | 0.818         | 0.768         | 0.828         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 0.562                    | 0.870                    | 1.070                      | 0.970                  | 0.990                    | 1.030                  | 1.030         | 0.150         | 1.190         | 0.880         | 1.035         | 1.562         | 1.602         | 1.772         | 1.772         | 1.772         | 1.602         | 1.702         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.030                    |                          | 0.400                      | 0.200                  |                          | 0.400                  | 0.200         |               | 0.400         | 0.200         | 0.200         | 0.218         | 0.218         | 0.418         | 0.418         | 0.218         | 0.418         | 0.218         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Left Edge    | 0                 | 0.030                    | 0.490                    | 0.400                      | 0.445                  | 0.750                    | 0.400                  | 0.595         | 0.060         | 0.750         | 0.400         | 0.575         | 0.455         | 0.605         | 0.470         | 0.470         | 0.605         | 0.470         | 0.585         | 0.645         |               |               |               |               |               |               |               |            |  |            |  |            |  |
| LTE Band 42_Part1 | Back Surface | 0                 | 0.107                    | 0.490                    | 0.460                      | 0.475                  | 0.750                    | 0.750                  | 0.060         | 0.750         | 0.730         | 0.740         | 0.582         | 0.677         | 0.627         | 0.917         | 0.937         | 0.887         | 0.847         | 0.907         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 1.130                    | 0.870                    | 1.070                      | 0.970                  | 0.990                    | 1.030                  | 1.030         | 0.150         | 1.190         | 0.880         | 1.035         | 2.040         | 2.040         | 2.210         | 2.210         | 2.210         | 2.040         | 2.140         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.030                    |                          | 0.400                      | 0.200                  |                          | 0.400                  | 0.200         |               | 0.400         | 0.200         | 0.200         | 0.220         | 0.220         | 0.420         | 0.420         | 0.220         | 0.420         | 0.220         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Left Edge    | 0                 | 0.035                    | 0.490                    | 0.400                      | 0.445                  | 0.750                    | 0.400                  | 0.595         | 0.060         | 0.750         | 0.400         | 0.575         | 0.461         | 0.611         | 0.476         | 0.476         | 0.611         | 0.476         | 0.601         | 0.661         |               |               |               |               |               |               |               |            |  |            |  |            |  |
| LTE Band 48       | Back Surface | 0                 | 0.105                    | 0.490                    | 0.460                      | 0.475                  | 0.750                    | 0.750                  | 0.060         | 0.750         | 0.730         | 0.740         | 0.580         | 0.675         | 0.625         | 0.915         | 0.935         | 0.885         | 0.845         | 0.905         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Top Edge     | 0                 | 1.133                    | 0.870                    | 1.070                      | 0.970                  | 0.990                    | 1.030                  | 1.030         | 0.150         | 1.190         | 0.880         | 1.035         | 2.043         | 2.043         | 2.213         | 2.213         | 2.213         | 2.043         | 2.143         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Right Edge   | 0                 | 0.035                    |                          | 0.400                      | 0.200                  |                          | 0.400                  | 0.200         |               | 0.400         | 0.200         | 0.200         | 0.225         | 0.225         | 0.425         | 0.425         | 0.225         | 0.425         | 0.225         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |
|                   | Left Edge    | 0                 | 0.036                    | 0.490                    | 0.400                      | 0.445                  | 0.750                    | 0.400                  | 0.595         | 0.060         | 0.750         | 0.400         | 0.575         | 0.461         | 0.611         | 0.476         | 0.476         | 0.611         | 0.476         | 0.601         | 0.661         |               |               |               |               |               |               |               |            |  |            |  |            |  |
| NR n2             | Back Surface | 0                 | 0.028                    | 0.490                    | 0.460                      | 0.475                  | 0.750                    | 0.750                  | 0.060         | 0.750         | 0.730         | 0.740         | 0.503         | 0.708         | 0.548         | 0.838         | 0.858         | 0.818         | 0.768         | 0.828         |               |               |               |               |               |               |               |               |            |  |            |  |            |  |

| Scenario 1,3: |                   |                  |                  |        |       |                     |                                        |       |                                    |
|---------------|-------------------|------------------|------------------|--------|-------|---------------------|----------------------------------------|-------|------------------------------------|
| Position      | Conditions        | SAR Value (W/kg) | Coordinates (cm) |        |       | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|               |                   |                  | x                | y      | z     |                     |                                        |       |                                    |
| Top Edge      | WLAN 2.4G Ant1+BT | 1.020            | -0.74            | -13.40 | -0.35 | -                   | -                                      | -     | -                                  |
|               | LTE Band 25       | 0.677            | -1.05            | 4.20   | -0.36 | 1.697               | 176.03                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 30       | 1.031            | -0.96            | 4.00   | -0.37 | 2.051               | 174.01                                 | 0.017 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 38       | 0.751            | -0.86            | 4.66   | -0.34 | 1.771               | 180.60                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 42       | 1.170            | -0.82            | 5.16   | -0.35 | 2.190               | 185.60                                 | 0.017 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 48       | 1.133            | -0.84            | 5.24   | -0.36 | 2.153               | 186.40                                 | 0.017 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n7             | 0.769            | -1.00            | 4.30   | -0.35 | 1.789               | 177.02                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n25            | 0.727            | -1.15            | 4.54   | -0.35 | 1.747               | 179.45                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n30            | 1.178            | -0.96            | 3.68   | -0.37 | 2.198               | 170.81                                 | 0.019 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n38            | 0.821            | -0.88            | 4.14   | -0.37 | 1.841               | 175.41                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n41            | 0.799            | -0.90            | 4.18   | -0.37 | 1.819               | 175.81                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n77            | 1.157            | -0.98            | 4.88   | -0.37 | 2.177               | 182.82                                 | 0.018 | SPLSR $\leq$ 0.04, Not required    |

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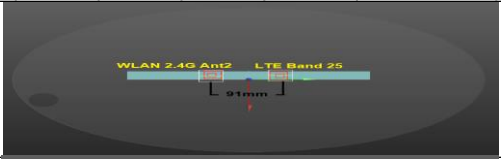
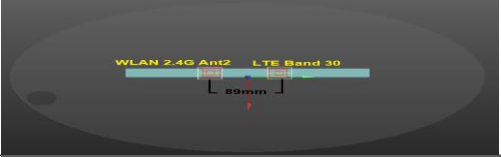
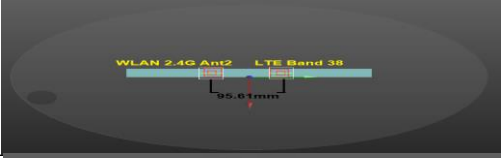
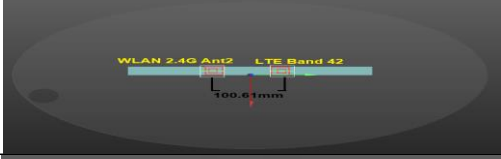
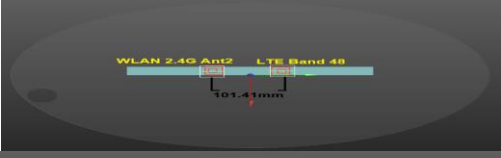
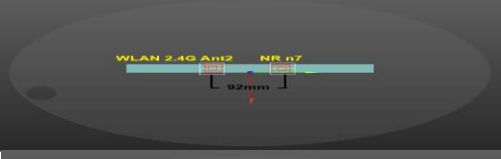
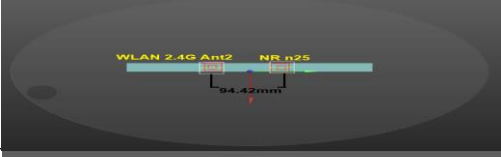
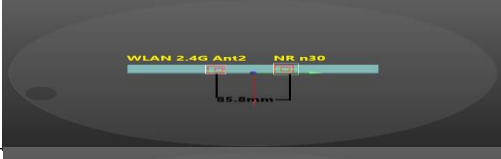
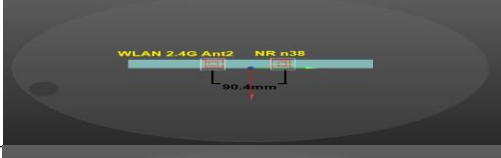
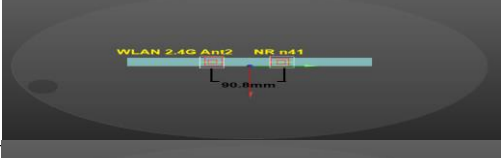
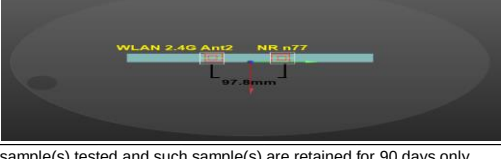
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| Scenario 1,3: |                |                  |                  |       |       |                     |                                        |       |                                    |
|---------------|----------------|------------------|------------------|-------|-------|---------------------|----------------------------------------|-------|------------------------------------|
| Position      | Conditions     | SAR Value (W/kg) | Coordinates (cm) |       |       | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|               |                |                  | x                | y     | z     |                     |                                        |       |                                    |
| Top Edge      | WLAN 2.4G Ant2 | 1.070            | -0.96            | -4.90 | -0.35 | -                   | -                                      | -     | -                                  |
|               | LTE Band 25    | 0.677            | -1.05            | 4.20  | -0.36 | 1.747               | 91.00                                  | 0.025 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 30    | 1.031            | -0.96            | 4.00  | -0.37 | 2.101               | 89.00                                  | 0.034 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 38    | 0.751            | -0.86            | 4.66  | -0.34 | 1.821               | 95.61                                  | 0.026 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 42    | 1.170            | -0.82            | 5.16  | -0.35 | 2.240               | 100.61                                 | 0.033 | SPLSR $\leq$ 0.04, Not required    |
|               | LTE Band 48    | 1.133            | -0.84            | 5.24  | -0.36 | 2.203               | 101.41                                 | 0.032 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n7          | 0.769            | -1.00            | 4.30  | -0.35 | 1.839               | 92.00                                  | 0.027 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n25         | 0.727            | -1.15            | 4.54  | -0.35 | 1.797               | 94.42                                  | 0.026 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n30         | 1.178            | -0.96            | 3.68  | -0.37 | 2.248               | 85.80                                  | 0.039 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n38         | 0.821            | -0.88            | 4.14  | -0.37 | 1.891               | 90.40                                  | 0.029 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n41         | 0.799            | -0.90            | 4.18  | -0.37 | 1.869               | 90.80                                  | 0.028 | SPLSR $\leq$ 0.04, Not required    |
|               | NR n77         | 1.157            | -0.98            | 4.88  | -0.37 | 2.227               | 97.80                                  | 0.034 | SPLSR $\leq$ 0.04, Not required    |

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| Scenario 2,4,5 |                 |                  |                  |        |       |                     |                                        |       |                                    |
|----------------|-----------------|------------------|------------------|--------|-------|---------------------|----------------------------------------|-------|------------------------------------|
| Position       | Conditions      | SAR Value (W/kg) | Coordinates (cm) |        |       | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|                |                 |                  | x                | y      | z     |                     |                                        |       |                                    |
| Top Edge       | WLAN 5G Ant1+BT | 1.140            | -0.74            | -13.40 | -0.35 | -                   | -                                      | -     | -                                  |
|                | LTE Band 25     | 0.677            | -1.05            | 4.20   | -0.36 | 1.817               | 176.03                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 30     | 1.031            | -0.96            | 4.00   | -0.37 | 2.171               | 174.01                                 | 0.018 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 38     | 0.751            | -0.86            | 4.66   | -0.34 | 1.891               | 180.60                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 42     | 1.170            | -0.82            | 5.16   | -0.35 | 2.310               | 185.60                                 | 0.019 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 48     | 1.133            | -0.84            | 5.24   | -0.36 | 2.273               | 186.40                                 | 0.018 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n7           | 0.769            | -1.00            | 4.30   | -0.35 | 1.909               | 177.02                                 | 0.015 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n25          | 0.727            | -1.15            | 4.54   | -0.35 | 1.867               | 179.45                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n30          | 1.178            | -0.96            | 3.68   | -0.37 | 2.318               | 170.81                                 | 0.021 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n66          | 0.659            | -1.15            | 4.85   | -0.37 | 1.799               | 182.55                                 | 0.013 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n38          | 0.821            | -0.88            | 4.14   | -0.37 | 1.961               | 175.41                                 | 0.016 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n41          | 0.799            | -0.90            | 4.18   | -0.37 | 1.939               | 175.81                                 | 0.015 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n77          | 1.157            | -0.98            | 4.88   | -0.37 | 2.297               | 182.82                                 | 0.019 | SPLSR $\leq$ 0.04, Not required    |

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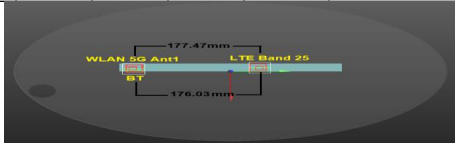
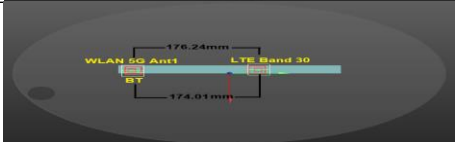
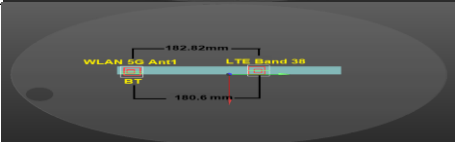
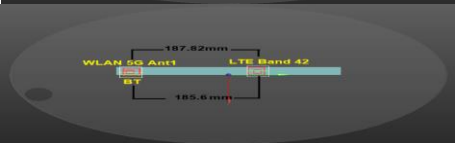
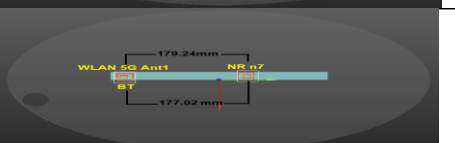
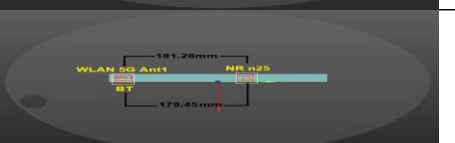
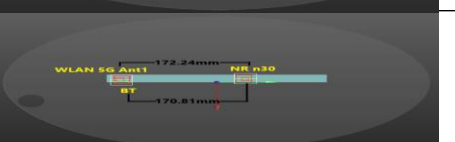
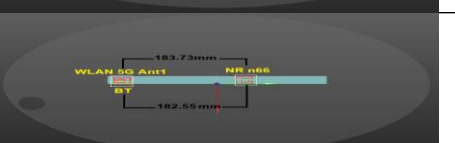
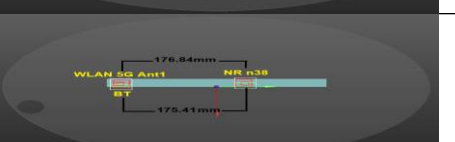
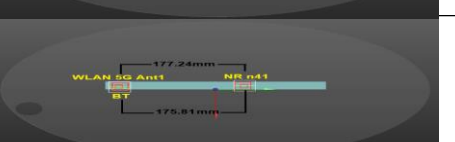
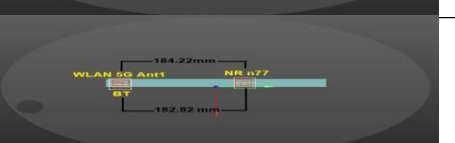
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| Scenario 2,4,5 |              |                  |                  |       |       |                     |                                        |       |                                    |
|----------------|--------------|------------------|------------------|-------|-------|---------------------|----------------------------------------|-------|------------------------------------|
| Position       | Conditions   | SAR Value (W/kg) | Coordinates (cm) |       |       | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|                |              |                  | x                | y     | z     |                     |                                        |       |                                    |
| Top Edge       | WLAN 5G Ant2 | 1.030            | -0.65            | -4.94 | -0.36 | -                   | -                                      | -     | -                                  |
|                | LTE Band 25  | 0.677            | -1.05            | 4.20  | -0.36 | 1.707               | 91.49                                  | 0.024 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 30  | 1.031            | -0.96            | 4.00  | -0.37 | 2.061               | 89.45                                  | 0.033 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 38  | 0.751            | -0.86            | 4.66  | -0.34 | 1.781               | 96.02                                  | 0.025 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 42  | 1.170            | -0.82            | 5.16  | -0.35 | 2.200               | 101.01                                 | 0.032 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 48  | 1.133            | -0.84            | 5.24  | -0.36 | 2.163               | 101.82                                 | 0.031 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n7        | 0.769            | -1.00            | 4.30  | -0.35 | 1.799               | 92.47                                  | 0.026 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n25       | 0.727            | -1.15            | 4.54  | -0.35 | 1.757               | 94.93                                  | 0.025 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n30       | 1.178            | -0.96            | 3.68  | -0.37 | 2.208               | 86.26                                  | 0.038 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n66       | 0.659            | -1.15            | 4.85  | -0.37 | 1.689               | 98.03                                  | 0.022 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n38       | 0.821            | -0.88            | 4.14  | -0.37 | 1.851               | 90.83                                  | 0.028 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n41       | 0.799            | -0.90            | 4.18  | -0.37 | 1.829               | 91.23                                  | 0.027 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n77       | 1.157            | -0.98            | 4.88  | -0.37 | 2.187               | 98.26                                  | 0.033 | SPLSR $\leq$ 0.04, Not required    |

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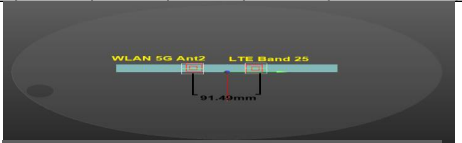
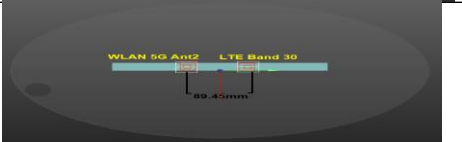
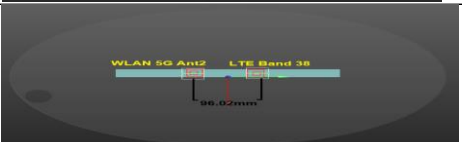
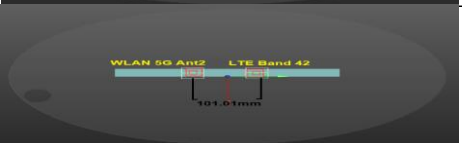
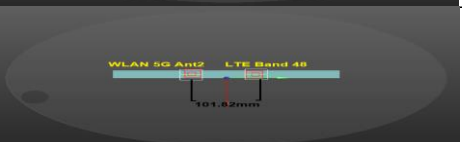
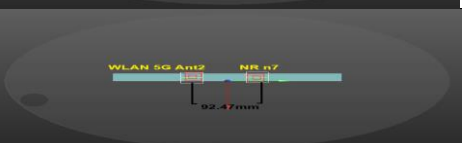
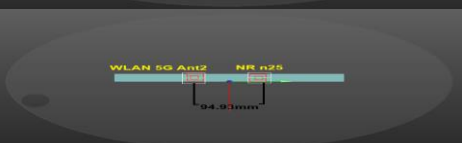
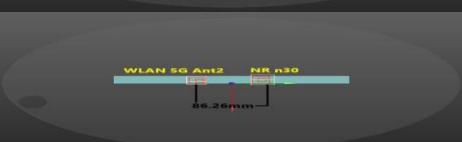
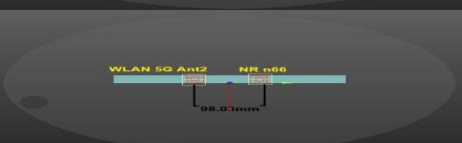
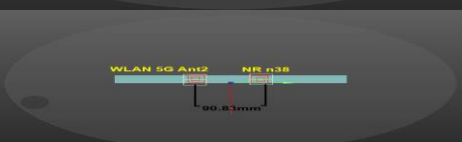
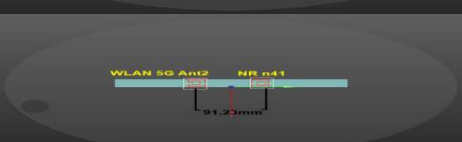
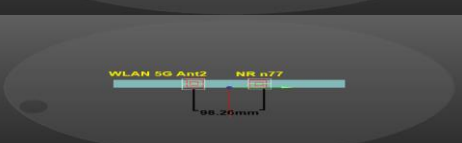
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| Scenario 6,7,8 |                 |                  |                  |        |       |                     |                                        |       |                                    |
|----------------|-----------------|------------------|------------------|--------|-------|---------------------|----------------------------------------|-------|------------------------------------|
| Position       | Conditions      | SAR Value (W/kg) | Coordinates (cm) |        |       | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|                |                 |                  | x                | y      | z     |                     |                                        |       |                                    |
| Top Edge       | WLAN 6G Ant1+BT | 1.340            | -0.80            | -13.38 | -0.35 | -                   | -                                      | -     | -                                  |
|                | WCDMA IV        | 0.574            | -1.18            | 4.69   | -0.40 | 1.914               | 180.74                                 | 0.015 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 4      | 0.567            | -0.90            | 4.35   | -0.35 | 1.907               | 177.30                                 | 0.015 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 7      | 0.627            | -1.18            | 4.76   | -0.36 | 1.967               | 181.44                                 | 0.015 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 25     | 0.677            | -1.05            | 4.20   | -0.36 | 2.017               | 175.82                                 | 0.016 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 30     | 1.031            | -0.96            | 4.00   | -0.37 | 2.371               | 173.81                                 | 0.021 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 66     | 0.555            | -0.87            | 4.84   | -0.37 | 1.895               | 182.20                                 | 0.014 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 38     | 0.751            | -0.86            | 4.66   | -0.34 | 2.091               | 180.40                                 | 0.017 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 41     | 0.592            | -0.86            | 4.64   | -0.35 | 1.932               | 180.20                                 | 0.015 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 42     | 1.170            | -0.82            | 5.16   | -0.35 | 2.510               | 185.40                                 | 0.021 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 48     | 1.133            | -0.84            | 5.24   | -0.36 | 2.473               | 186.20                                 | 0.021 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n7           | 0.769            | -1.00            | 4.30   | -0.35 | 2.109               | 176.81                                 | 0.017 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n25          | 0.727            | -1.15            | 4.54   | -0.35 | 2.067               | 179.23                                 | 0.017 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n30          | 1.178            | -0.96            | 3.68   | -0.37 | 2.518               | 170.61                                 | 0.023 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n66          | 0.659            | -1.15            | 4.85   | -0.37 | 1.999               | 182.33                                 | 0.016 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n38          | 0.821            | -0.88            | 4.14   | -0.37 | 2.161               | 175.20                                 | 0.018 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n41          | 0.799            | -0.90            | 4.18   | -0.37 | 2.139               | 175.60                                 | 0.018 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n77          | 1.157            | -0.98            | 4.88   | -0.37 | 2.497               | 182.61                                 | 0.022 | SPLSR $\leq$ 0.04, Not required    |

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| Scenario 6,7,8 |              |                  |                  |       |       |                     |                                        |       |                                    |
|----------------|--------------|------------------|------------------|-------|-------|---------------------|----------------------------------------|-------|------------------------------------|
| Position       | Conditions   | SAR Value (W/kg) | Coordinates (cm) |       |       | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|                |              |                  | x                | y     | z     |                     |                                        |       |                                    |
| Top Edge       | WLAN 6G Ant2 | 0.880            | -0.67            | -5.20 | -0.36 | -                   | -                                      | -     | -                                  |
|                | WCDMA IV     | 0.574            | -1.18            | 4.69  | -0.40 | 1.454               | 99.03                                  | 0.018 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 4   | 0.567            | -0.90            | 4.35  | -0.35 | 1.447               | 95.53                                  | 0.018 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 7   | 0.627            | -1.18            | 4.76  | -0.36 | 1.507               | 99.73                                  | 0.019 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 25  | 0.677            | -1.05            | 4.20  | -0.36 | 1.557               | 94.08                                  | 0.021 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 30  | 1.031            | -0.96            | 4.00  | -0.37 | 1.911               | 92.05                                  | 0.029 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 66  | 0.555            | -0.87            | 4.84  | -0.37 | 1.435               | 100.42                                 | 0.017 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 38  | 0.751            | -0.86            | 4.66  | -0.34 | 1.631               | 98.62                                  | 0.021 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 41  | 0.592            | -0.86            | 4.64  | -0.35 | 1.472               | 98.42                                  | 0.018 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 42  | 1.170            | -0.82            | 5.16  | -0.35 | 2.050               | 103.61                                 | 0.028 | SPLSR $\leq$ 0.04, Not required    |
|                | LTE Band 48  | 1.133            | -0.84            | 5.24  | -0.36 | 2.013               | 104.41                                 | 0.027 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n7        | 0.769            | -1.00            | 4.30  | -0.35 | 1.649               | 95.06                                  | 0.022 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n25       | 0.727            | -1.15            | 4.54  | -0.35 | 1.607               | 97.52                                  | 0.021 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n30       | 1.178            | -0.96            | 3.68  | -0.37 | 2.058               | 88.85                                  | 0.033 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n66       | 0.659            | -1.15            | 4.85  | -0.37 | 1.539               | 100.61                                 | 0.019 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n38       | 0.821            | -0.88            | 4.14  | -0.37 | 1.701               | 93.42                                  | 0.024 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n41       | 0.799            | -0.90            | 4.18  | -0.37 | 1.679               | 93.83                                  | 0.023 | SPLSR $\leq$ 0.04, Not required    |
|                | NR n77       | 1.157            | -0.98            | 4.88  | -0.37 | 2.037               | 100.85                                 | 0.029 | SPLSR $\leq$ 0.04, Not required    |

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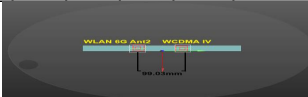
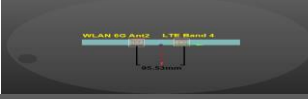
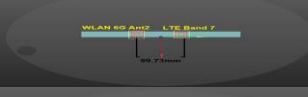
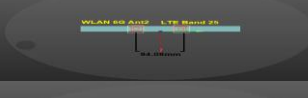
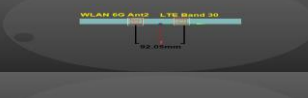
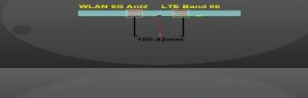
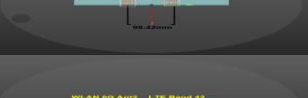
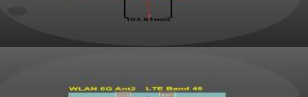
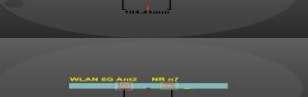
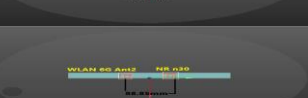
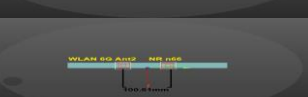
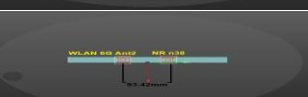
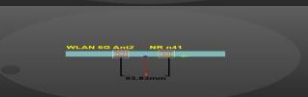
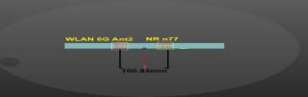
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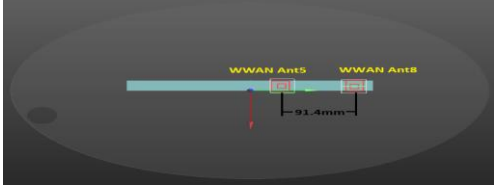
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## Ant5 + Ant8

|                   | Exposure Position | Reported SAR               |                            |                                    |                                    |                                     |                                  |                                  |                                  |                                  |                                  |                                  | Scenario 1                        | Scenario 2              | Scenario 3              | Scenario 4              | Scenario 5              | Scenario 6              | Scenario 7              | Scenario 8              |
|-------------------|-------------------|----------------------------|----------------------------|------------------------------------|------------------------------------|-------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                   |                   | 0                          | 1                          | 2                                  | 3                                  | 4                                   | 5                                | 6                                | 7                                | 8                                | 9                                | 10                               | 11                                | 01-14                   | 01-17                   | 01-19                   | 01-19-10                | 01-19-10                | 01-19-10                | 01-19-11                |
|                   |                   | WWAN Ant5<br>1g SAR (W/kg) | WWAN Ant8<br>1g SAR (W/kg) | 2.4GHz WLAN Ant 5<br>1g SAR (W/kg) | 2.4GHz WLAN Ant 8<br>1g SAR (W/kg) | 2.4GHz WLAN Ant 12<br>1g SAR (W/kg) | 5GHz WLAN Ant 1<br>1g SAR (W/kg) | 5GHz WLAN Ant 2<br>1g SAR (W/kg) | 5GHz WLAN Ant 3<br>1g SAR (W/kg) | Bluetooth Ant 1<br>1g SAR (W/kg) | 5GHz WLAN Ant 4<br>1g SAR (W/kg) | 5GHz WLAN Ant 5<br>1g SAR (W/kg) | 5GHz WLAN Ant 12<br>1g SAR (W/kg) | Summed<br>1g SAR (W/kg) | Summed<br>1g SAR (W/kg) | Summed<br>1g SAR (W/kg) | Summed<br>1g SAR (W/kg) | Summed<br>1g SAR (W/kg) | Summed<br>1g SAR (W/kg) | Summed<br>1g SAR (W/kg) |
| Max T1c + Max T1b | Back Surface      | 0                          | 0.000                      | 0.107                              | 0.490                              | 0.460                               | 0.425                            | 0.790                            | 0.750                            | 0.770                            | 0.060                            | 0.750                            | 0.740                             | 0.672                   | 0.967                   | 0.717                   | 1.007                   | 1.027                   | 0.927                   | 0.927                   |
|                   | Top Edge          | 0                          | 0.946                      | 1.178                              | 0.870                              | 1.070                               | 0.970                            | 0.980                            | 1.030                            | 1.030                            | 0.150                            | 1.100                            | 0.980                             | 1.034                   | 0.934                   | 1.344                   | 0.944                   | 0.944                   | 1.124                   | 0.934                   |
|                   | Right Edge        | 0                          | 0.156                      | 0.060                              | 0.400                              | 0.200                               | 0.400                            | 0.200                            | 0.400                            | 0.200                            | 0.060                            | 0.400                            | 0.200                             | 0.416                   | 0.416                   | 0.616                   | 0.616                   | 0.616                   | 0.416                   | 0.416                   |
|                   | Left Edge         | 0                          | 0.053                      | 0.047                              | 0.490                              | 0.490                               | 0.490                            | 0.790                            | 0.490                            | 0.595                            | 0.060                            | 0.790                            | 0.400                             | 0.545                   | 0.695                   | 0.595                   | 0.595                   | 0.795                   | 0.595                   | 0.795                   |

Scenario 1:

| Position                                                                          | Conditions | SAR Value (W/kg) | Coordinates (cm) |       |        | $\Sigma$ SAR (W/kg) | Peak Location Separation Distance (mm) | SPLSR | Simultaneous Transmission SAR Test |
|-----------------------------------------------------------------------------------|------------|------------------|------------------|-------|--------|---------------------|----------------------------------------|-------|------------------------------------|
|                                                                                   |            |                  | x                | y     | z      |                     |                                        |       |                                    |
| Top Edge                                                                          | WWAN Ant5  | 0.946            | -0.90            | 12.82 | -0.30  | -                   | -                                      | -     | -                                  |
|                                                                                   | WWAN Ant8  | 1.178            | -0.960           | 3.680 | -0.373 | 2.124               | 91.40                                  | 0.034 | SPLSR $\leq$ 0.04, Not required    |
|  |            |                  |                  |       |        |                     |                                        |       |                                    |

## 7.4 Conclusion

The simultaneous transmission is compliant because both SAR sum and/or SPLSR are less than their corresponding criteria.

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## 8 INSTRUMENTS LIST

| Equipment List |                              |                  |               |                          |                          |
|----------------|------------------------------|------------------|---------------|--------------------------|--------------------------|
| Manufacturer   | Device                       | Type             | Serial number | Date of last calibration | Date of next calibration |
| SPEAG          | Data acquisition Electronics | DAE4             | 1336          | Aug/15/2024              | Aug/14/2025              |
| SPEAG          | Dosimetric E-Field Probe     | EX3DV4           | 3770          | May/24/2024              | May/23/2025              |
| SPEAG          | System Validation Dipole     | D750V3           | 1015          | Sep/27/2024              | Sep/26/2025              |
| SPEAG          | System Validation Dipole     | D835V2           | 4d063         | Sep/16/2024              | Sep/15/2025              |
| SPEAG          | System Validation Dipole     | D1750V2          | 1158          | Aug/20/2024              | Aug/19/2025              |
| SPEAG          | System Validation Dipole     | D1900V2          | 5d173         | Apr/25/2024              | Apr/24/2025              |
| SPEAG          | System Validation Dipole     | D2300V2          | 1009          | Aug/22/2024              | Aug/21/2025              |
| SPEAG          | System Validation Dipole     | D2600V2          | 1005          | Jan/22/2024              | Jan/21/2025              |
| SPEAG          | System Validation Dipole     | D3500V2          | 1009          | Sep/26/2024              | Sep/25/2025              |
| SPEAG          | System Validation Dipole     | D3700V2          | 1057          | Nov/21/2024              | Nov/20/2025              |
| SPEAG          | System Validation Dipole     | D3900V2          | 1032          | Nov/22/2024              | Nov/21/2025              |
| SPEAG          | Dielectric Assessment Kit    | DAKS-3.5         | 1053          | Feb/21/2024              | Feb/20/2025              |
| R&S            | MXG Analog Signal Generator  | SMB100A03        | 182996        | Mar/29/2024              | Mar/28/2025              |
| Agilent        | Dual-directional coupler     | 772D             | MY46151258    | Sep/30/2024              | Sep/29/2025              |
| Agilent        | Dual-directional coupler     | 778D             | MY46151242    | Sep/03/2024              | Sep/02/2025              |
| EMCI           | Amplifier                    | EMC 074225P      | 980155        | Calibration not required | Calibration not required |
| EMCI           | Amplifier                    | EMC 2830P        | 980156        | Calibration not required | Calibration not required |
| Keysight       | Power meter                  | E4417A           | MY51410006    | Mar/27/2024              | Mar/26/2025              |
| R&S            | Power Sensor                 | NRP18S           | 101974        | Nov/11/2024              | Nov/10/2025              |
| R&S            | Power Sensor                 | NRP18S           | 109066        | Oct/28/2024              | Oct/27/2025              |
| SPEAG          | Software                     | DASY 52 V52.10.4 | N/A           | Calibration not required | Calibration not required |
| SPEAG          | Phantom                      | ELI              | N/A           | Calibration not required | Calibration not required |
| R&S            | Radio Communication Test     | CMW 500          | 125470        | May/17/2024              | May/16/2025              |
| TECPEL         | Digital thermometer          | DTM-303A         | TP130077      | Oct/14/2024              | Oct/13/2025              |

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## 9 UNCERTAINTY BUDGET

Measurement Uncertainty evaluation template for DUT SAR test (3-6G)

| A                                                   | c                         | D                          | e   |           | f       | g        | h=c * f / e             | i=c * g / e             | k           |
|-----------------------------------------------------|---------------------------|----------------------------|-----|-----------|---------|----------|-------------------------|-------------------------|-------------|
| Source of Uncertainty                               | Tolerance/<br>Uncertainty | Probability<br>Distributio | Div | Div Value | ci (1g) | ci (10g) | Standard<br>uncertainty | Standard<br>uncertainty | vi, or Veff |
| <b>Measurement system</b>                           |                           |                            |     |           |         |          |                         |                         |             |
| Probe calibration                                   | 6.55%                     | N                          | 1   | 1         | 1       | 1        | 6.55%                   | 6.55%                   | ∞           |
| <i>Isotropy, Axial</i>                              | 3.50%                     | R                          | √3  | 1.732     | 1       | 1        | 2.02%                   | 2.02%                   | ∞           |
| <i>Isotropy, Hemispherical</i>                      | 9.60%                     | R                          | √3  | 1.732     | 1       | 1        | 5.54%                   | 5.54%                   | ∞           |
| Modulation Response                                 | 2.40%                     | R                          | √3  | 1.732     | 1       | 1        | 1.40%                   | 1.40%                   | ∞           |
| Boundary Effect                                     | 1.00%                     | R                          | √3  | 1.732     | 1       | 1        | 0.58%                   | 0.58%                   | ∞           |
| Linearity                                           | 4.70%                     | R                          | √3  | 1.732     | 1       | 1        | 2.71%                   | 2.71%                   | ∞           |
| Detection Limits                                    | 1.00%                     | R                          | √3  | 1.732     | 1       | 1        | 0.58%                   | 0.58%                   | ∞           |
| Readout Electronics                                 | 0.30%                     | N                          | 1   | 1         | 1       | 1        | 0.30%                   | 0.30%                   | ∞           |
| Response time                                       | 0.80%                     | R                          | √3  | 1.732     | 1       | 1        | 0.46%                   | 0.46%                   | ∞           |
| Integration Time                                    | 2.60%                     | R                          | √3  | 1.732     | 1       | 1        | 1.50%                   | 1.50%                   | ∞           |
| <b>Measurement drift<br/>(class A evaluation)</b>   | 1.75%                     | R                          | √3  | 1.732     | 1       | 1        | 1.01%                   | 1.01%                   | ∞           |
| RF ambient condition -<br>noise                     | 3.00%                     | R                          | √3  | 1.732     | 1       | 1        | 1.73%                   | 1.73%                   | ∞           |
| RF ambient conditions -<br>reflections              | 3.00%                     | R                          | √3  | 1.732     | 1       | 1        | 1.73%                   | 1.73%                   | ∞           |
| Probe positioner<br>Mechanical restrictions         | 0.40%                     | R                          | √3  | 1.732     | 1       | 1        | 0.23%                   | 0.23%                   | ∞           |
| Probe Positioning with<br>respect to phantom shell  | 2.90%                     | R                          | √3  | 1.732     | 1       | 1        | 1.67%                   | 1.67%                   | ∞           |
| Post-processing                                     | 1.00%                     | R                          | √3  | 1.732     | 1       | 1        | 0.58%                   | 0.58%                   | ∞           |
| Max SAR Eval                                        | 1.00%                     | R                          | √3  | 1.732     | 1       | 1        | 0.58%                   | 0.58%                   | ∞           |
| <b>Test Sample related</b>                          |                           |                            |     |           |         |          |                         |                         |             |
| Test sample positioning                             | 2.90%                     | N                          | 1   | 1         | 1       | 1        | 2.90%                   | 2.90%                   | M-1         |
| Device Holder Uncertainty                           | 3.60%                     | N                          | 1   | 1         | 1       | 1        | 3.60%                   | 3.60%                   | M-1         |
| Drift of output power                               | 5.00%                     | R                          | √3  | 1.732     | 1       | 1        | 2.89%                   | 2.89%                   | ∞           |
| <b>Phantom and Setup</b>                            |                           |                            |     |           |         |          |                         |                         |             |
| Phantom Uncertainty                                 | 4.00%                     | R                          | √3  | 1.732     | 1       | 1        | 2.31%                   | 2.31%                   | ∞           |
| Liquid permittivity (mea.)                          | 3.03%                     | N                          | 1   | 1         | 0.64    | 0.43     | 1.94%                   | 1.30%                   | M           |
| Liquid Conductivity (mea.)                          | 1.92%                     | N                          | 1   | 1         | 0.6     | 0.49     | 1.15%                   | 0.94%                   | M           |
| Combined standard<br>uncertainty                    |                           | RSS                        |     |           |         |          | 11.93%                  | 11.82%                  |             |
| Expan uncertainty (95%<br>confidence interval), K=2 |                           |                            |     |           |         |          | 23.86%                  | 23.63%                  |             |

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Measurement Uncertainty evaluation template for DUT SAR test (0.3-3G)

| A                                                    | c                         | D                           | e          |           | f       | g        | h=c * f / e             | i=c * g / e             | k           |
|------------------------------------------------------|---------------------------|-----------------------------|------------|-----------|---------|----------|-------------------------|-------------------------|-------------|
| Source of Uncertainty                                | Tolerance/<br>Uncertainty | Probability<br>Distribution | Div        | Div Value | ci (1g) | ci (10g) | Standard<br>uncertainty | Standard<br>uncertainty | vi, or Veff |
| <b>Measurement system</b>                            |                           |                             |            |           |         |          |                         |                         |             |
| Probe calibration                                    | 6.00%                     | N                           | 1          | 1         | 1       | 1        | 6.00%                   | 6.00%                   | ∞           |
| <i>Isotropy , Axial</i>                              | 3.50%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 2.02%                   | 2.02%                   | ∞           |
| <i>Isotropy, Hemispherical</i>                       | 9.60%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 5.54%                   | 5.54%                   | ∞           |
| Modulation Response                                  | 2.40%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 1.40%                   | 1.40%                   | ∞           |
| Boundary Effect                                      | 1.00%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 0.58%                   | 0.58%                   | ∞           |
| Linearity                                            | 4.70%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 2.71%                   | 2.71%                   | ∞           |
| Detection Limits                                     | 1.00%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 0.58%                   | 0.58%                   | ∞           |
| Readout Electronics                                  | 0.30%                     | N                           | 1          | 1         | 1       | 1        | 0.30%                   | 0.30%                   | ∞           |
| Response time                                        | 0.80%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 0.46%                   | 0.46%                   | ∞           |
| Integration Time                                     | 2.60%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 1.50%                   | 1.50%                   | ∞           |
| <b>Measurement drift<br/>(class A evaluation)</b>    | 1.75%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 1.01%                   | 1.01%                   | ∞           |
| RF ambient condition -<br>noise                      | 3.00%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 1.73%                   | 1.73%                   | ∞           |
| RF ambient conditions -<br>reflections               | 3.00%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 1.73%                   | 1.73%                   | ∞           |
| Probe positioner<br>Mechanical restrictions          | 0.40%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 0.23%                   | 0.23%                   | ∞           |
| Probe Positioning with<br>respect to phantom shell   | 2.90%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 1.67%                   | 1.67%                   | ∞           |
| Post-processing                                      | 1.00%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 0.58%                   | 0.58%                   | ∞           |
| Max SAR Eval                                         | 1.00%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 0.58%                   | 0.58%                   | ∞           |
| <b>Test Sample related</b>                           |                           |                             |            |           |         |          |                         |                         |             |
| Test sample positioning                              | 2.90%                     | N                           | 1          | 1         | 1       | 1        | 2.90%                   | 2.90%                   | M-1         |
| Device Holder Uncertainty                            | 3.60%                     | N                           | 1          | 1         | 1       | 1        | 3.60%                   | 3.60%                   | M-1         |
| Drift of output power                                | 5.00%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 2.89%                   | 2.89%                   | ∞           |
| <b>Phantom and Setup</b>                             |                           |                             |            |           |         |          |                         |                         |             |
| Phantom Uncertainty                                  | 4.00%                     | R                           | $\sqrt{3}$ | 1.732     | 1       | 1        | 2.31%                   | 2.31%                   | ∞           |
| Liquid permittivity (mea.)                           | 2.29%                     | N                           | 1          | 1         | 0.64    | 0.43     | 1.47%                   | 0.98%                   | M           |
| Liquid Conductivity (mea.)                           | 3.60%                     | N                           | 1          | 1         | 0.6     | 0.49     | 2.16%                   | 1.76%                   | M           |
| Combined standard<br>uncertainty                     |                           | RSS                         |            |           |         |          | 11.71%                  | 11.59%                  |             |
| Expart uncertainty (95%<br>confidence interval), K=2 |                           |                             |            |           |         |          | 23.42%                  | 23.17%                  |             |

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## 10 SAR MEASUREMENT RESULTS

Date: 2024/12/20

ID: 062

Report No. :TESA2412000852EN

WCDMA Band V\_Body\_Top Edge\_CH 4132\_0mm\_Ant5

Communication System: WCDMA; Frequency: 826.4 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.877$  S/m;  $\epsilon_r = 41.259$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 826.4 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.821 V/m; Power Drift = 0.15 dB

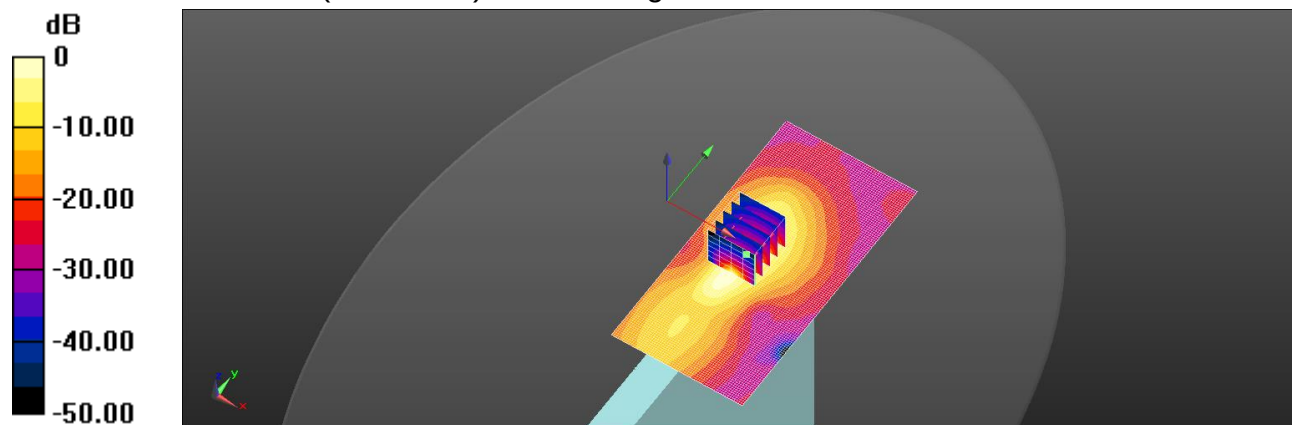
Peak SAR (extrapolated) = 2.07 W/kg

**SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.365 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 38.1%

Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.20 W/kg = 0.78 dBW/kg

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Date: 2024/12/22

ID: 063

Report No. :TESA2412000852EN

WCDMA Band II\_Body\_Top Edge\_CH 9400\_0mm\_Ant8

Communication System: WCDMA; Frequency: 1880 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.386 \text{ S/m}$ ;  $\epsilon_r = 39.286$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.96, 7.96, 7.96) @ 1880 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (51x91x1):** Interpolated grid:  $dx=15 \text{ mm}$ ,  $dy=15 \text{ mm}$ 

Maximum value of SAR (interpolated) = 0.519 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 4.223 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.707 W/kg

**SAR(1 g) = 0.320 W/kg; SAR(10 g) = 0.164 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 47.1%

Maximum value of SAR (measured) = 0.561 W/kg

**Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 4.223 V/m; Power Drift = 0.13 dB

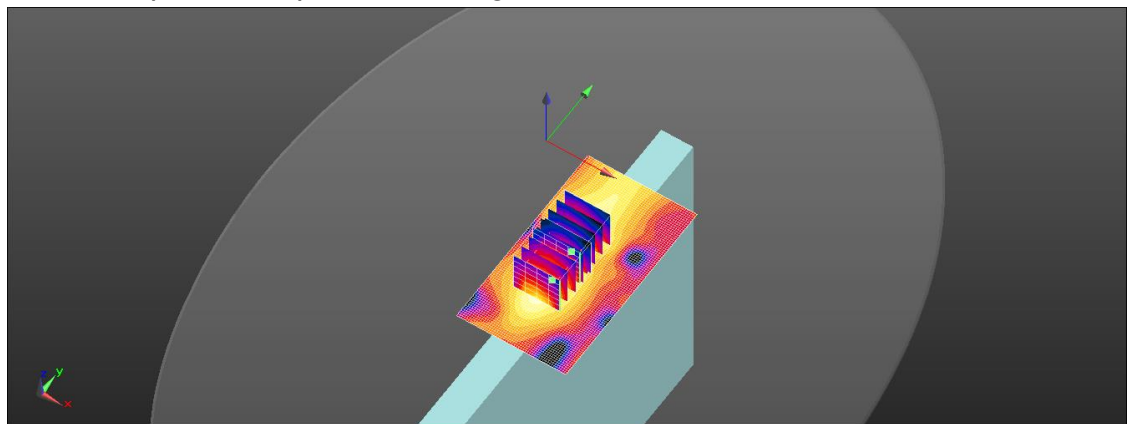
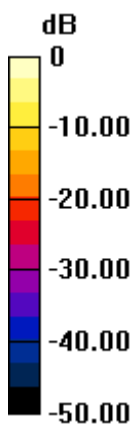
Peak SAR (extrapolated) = 0.666 W/kg

**SAR(1 g) = 0.309 W/kg; SAR(10 g) = 0.142 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 48.6%

Maximum value of SAR (measured) = 0.494 W/kg



0 dB = 0.519 W/kg = -2.85 dBW/kg

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Date: 2024/12/21

ID: 064

Report No. :TESA2412000852EN

WCDMA Band IV\_Body\_Top Edge\_CH 1412\_0mm\_Ant8

Communication System: WCDMA; Frequency: 1732.4 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 1732.4$  MHz;  $\sigma = 1.343$  S/m;  $\epsilon_r = 39.557$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 22°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.4, 8.4, 8.4) @ 1732.4 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (51x91x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.805 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.689 V/m; Power Drift = 0.04 dB

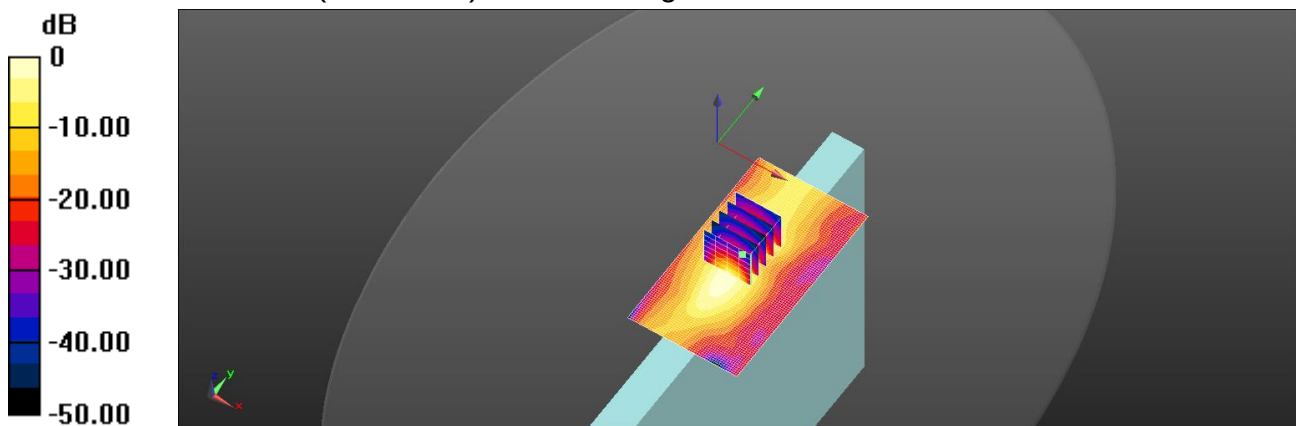
Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.215 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 49.1%

Maximum value of SAR (measured) = 0.795 W/kg



0 dB = 0.805 W/kg = -0.94 dBW/kg

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Date: 2024/12/20

ID: 065

Report No. :TESA2412000852EN

LTE Band 5 (10MHz)\_Body\_Top Edge\_CH 20450\_QPSK\_1-0\_0mm\_Ant5

Communication System: LTE; Frequency: 829 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 829 \text{ MHz}$ ;  $\sigma = 0.878 \text{ S/m}$ ;  $\epsilon_r = 41.256$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 829 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.783 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.370 V/m; Power Drift = 0.10 dB

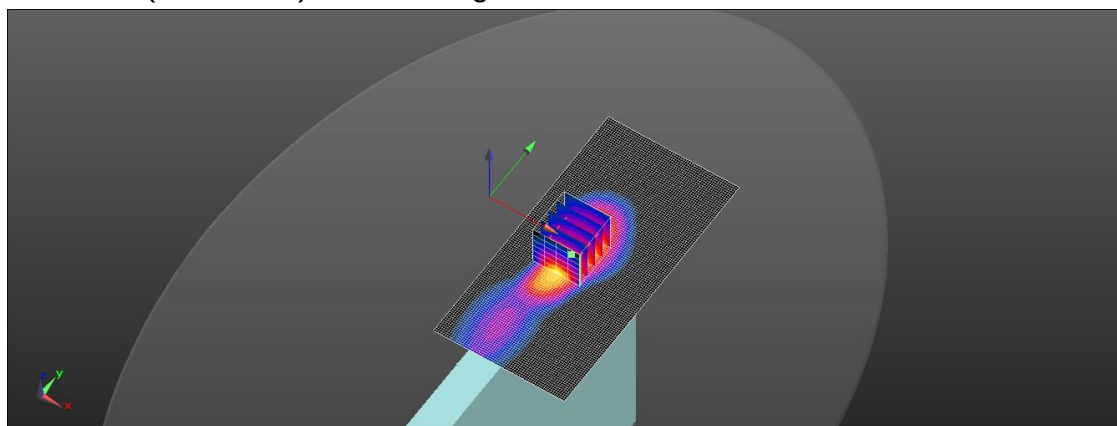
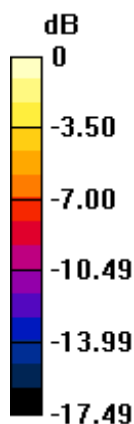
Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.318 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 40%

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

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Date: 2024/12/19

ID: 066

Report No. :TESA2412000852EN

LTE Band 12 (10MHz)\_Body\_Top Edge\_CH 23060\_QPSK\_1-0\_0mm\_Ant5

Communication System: LTE; Frequency: 704 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 704 \text{ MHz}$ ;  $\sigma = 0.857 \text{ S/m}$ ;  $\epsilon_r = 41.65$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 704 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.870 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.669 V/m; Power Drift = 0.06 dB

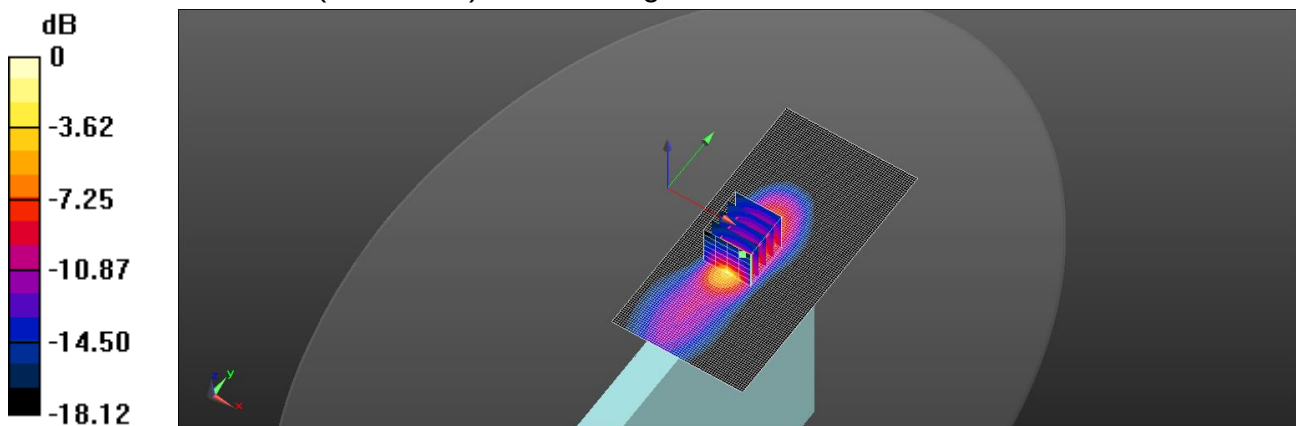
Peak SAR (extrapolated) = 2.92 W/kg

**SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.360 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 37.5%

Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

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Date: 2024/12/19

ID: 067

Report No. :TESA2412000852EN

LTE Band 13 (10MHz)\_Body\_Top Edge\_CH 23230\_QPSK\_1-0\_0mm\_Ant5

Communication System: LTE; Frequency: 782 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.87 \text{ S/m}$ ;  $\epsilon_r = 41.565$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 782 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.397 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.332 V/m; Power Drift = -0.02 dB

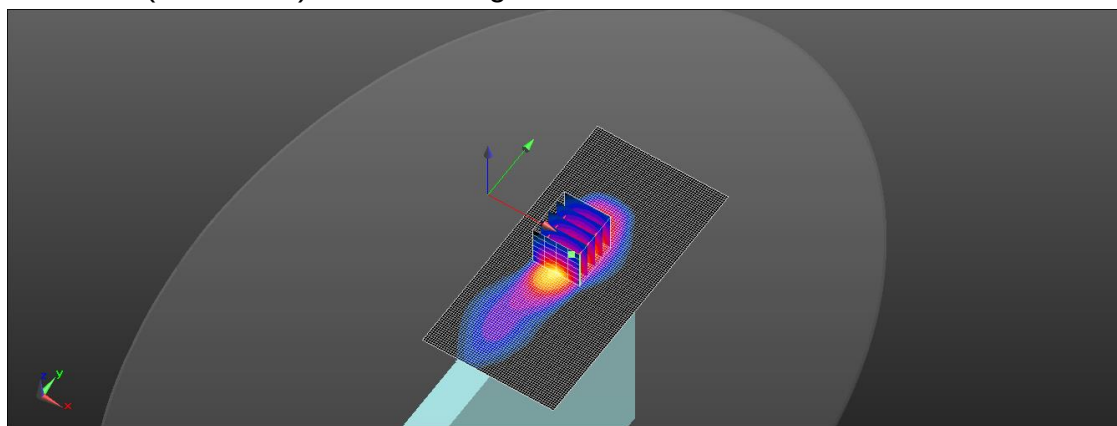
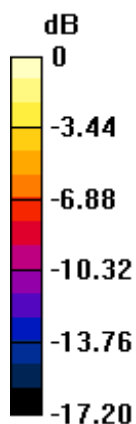
Peak SAR (extrapolated) = 0.909 W/kg

**SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.166 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 41.4%

Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.682 W/kg = -1.66 dBW/kg

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Date: 2024/12/19

ID: 068

Report No. :TESA2412000852EN

LTE Band 14 (10MHz)\_Body\_Top Edge\_CH 23330\_QPSK\_1-0\_0mm\_Ant5

Communication System: LTE; Frequency: 793 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 793 \text{ MHz}$ ;  $\sigma = 0.871 \text{ S/m}$ ;  $\epsilon_r = 41.554$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 793 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.386 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.370 V/m; Power Drift = -0.01 dB

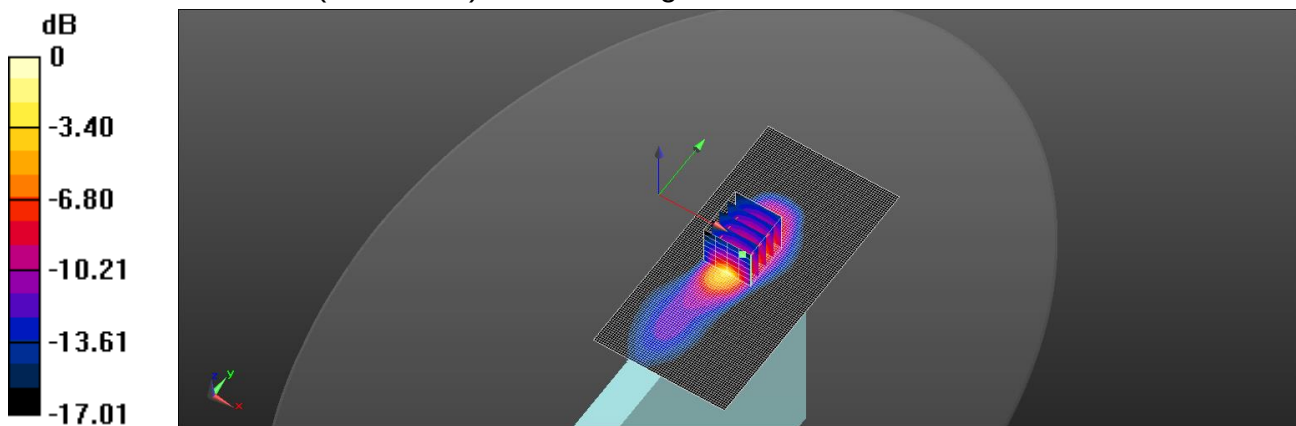
Peak SAR (extrapolated) = 0.912 W/kg

**SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.171 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 41%

Maximum value of SAR (measured) = 0.708 W/kg



0 dB = 0.708 W/kg = -1.50 dBW/kg

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Date: 2024/12/19

ID: 069

Report No. :TESA2412000852EN

LTE Band 17 (10MHz)\_Body\_Top Edge\_CH 23800\_QPSK\_1-0\_0mm\_Ant5

Communication System: LTE; Frequency: 711 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 711 \text{ MHz}$ ;  $\sigma = 0.863 \text{ S/m}$ ;  $\epsilon_r = 41.643$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 711 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.881 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.742 V/m; Power Drift = 0.06 dB

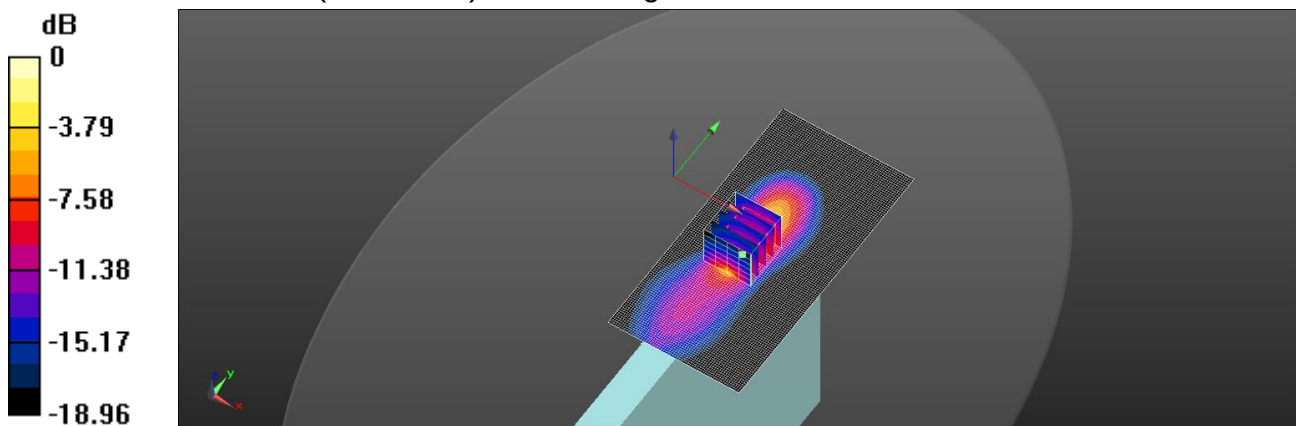
Peak SAR (extrapolated) = 2.48 W/kg

**SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.334 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 40.9%

Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

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Date: 2024/12/20

ID: 070

Report No. :TESA2412000852EN

LTE Band 26 (15MHz)\_Body\_Top Edge\_CH 26765\_QPSK\_1-0\_0mm\_FCC\_Ant5

Communication System: LTE; Frequency: 821.5 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 821.5 \text{ MHz}$ ;  $\sigma = 0.875 \text{ S/m}$ ;  $\epsilon_r = 41.264$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 821.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.628 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.924 V/m; Power Drift = 0.16 dB

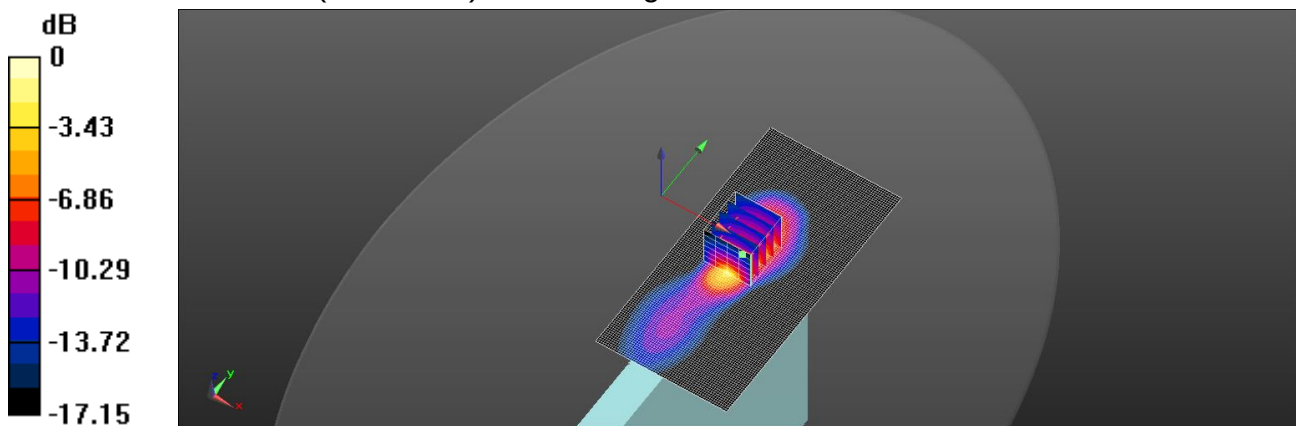
Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.269 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 38.9%

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

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Date: 2024/12/19

ID: 072

Report No. :TESA2412000852EN

LTE Band 71 (20MHz)\_Body\_Top Edge\_CH 133372\_QPSK\_1-0\_0mm\_Ant5

Communication System: LTE; Frequency: 688 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 688 \text{ MHz}$ ;  $\sigma = 0.856 \text{ S/m}$ ;  $\epsilon_r = 41.656$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 688 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x101x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.802 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.901 V/m; Power Drift = 0.13 dB

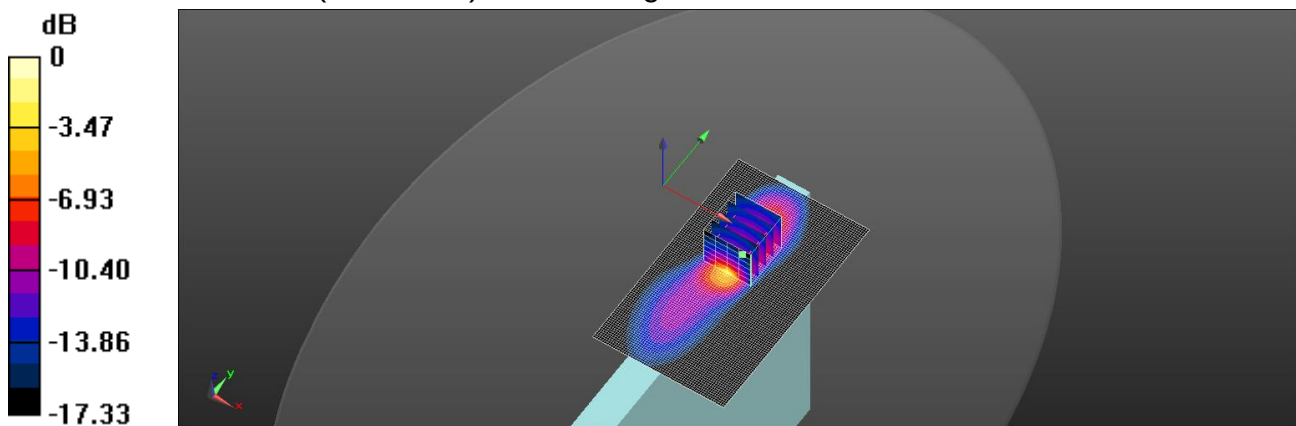
Peak SAR (extrapolated) = 2.93 W/kg

**SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.352 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 38.8%

Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

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Date: 2024/12/24

ID: 073

Report No. :TESA2412000852EN

LTE Band 41 (20MHz)\_Body\_Top Edge\_CH 40185\_QPSK\_1-0\_0mm\_PC3\_Ant5

Communication System: LTE; Frequency: 2549.5 MHz; Duty cycle= 1:1.58

Medium parameters used:  $f = 2549.5$  MHz;  $\sigma = 1.866$  S/m;  $\epsilon_r = 38.507$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.42, 7.42, 7.42) @ 2549.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (81x151x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.924 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.935 V/m; Power Drift = 0.02 dB

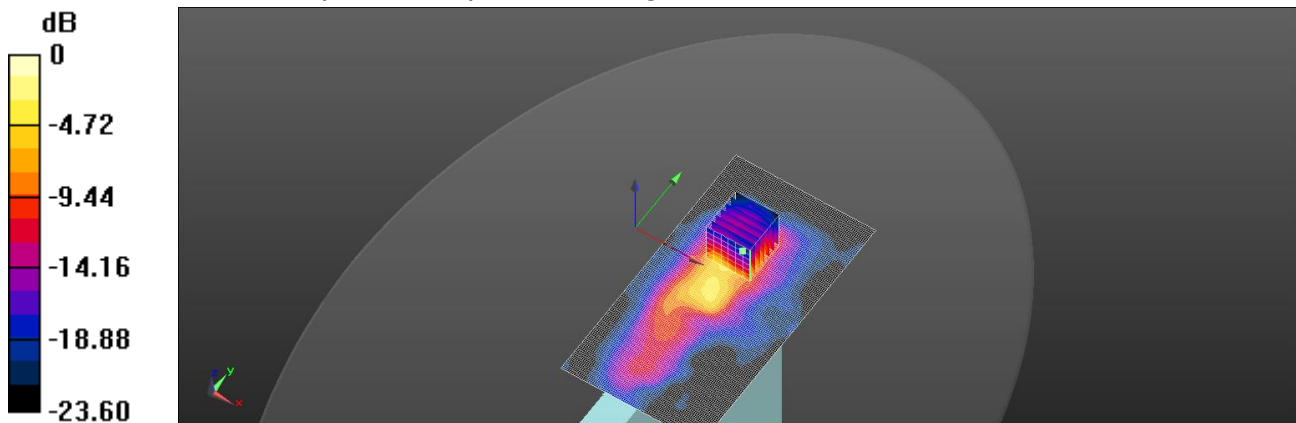
Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.260 W/kg**

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 43.3%

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

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Date: 2024/12/30

ID: 075

Report No. :TESA2412000852EN

LTE Band 42 (20MHz)\_Body\_Top Edge\_CH 42590\_QPSK\_1-0\_0mm\_Part1\_Ant5

Communication System: LTE; Frequency: 3500 MHz; Duty cycle= 1:1.58

Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.918$  S/m;  $\epsilon_r = 37.599$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.78, 6.78, 6.78) @ 3500 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (81x151x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.996 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 1.036 V/m; Power Drift = -0.07 dB

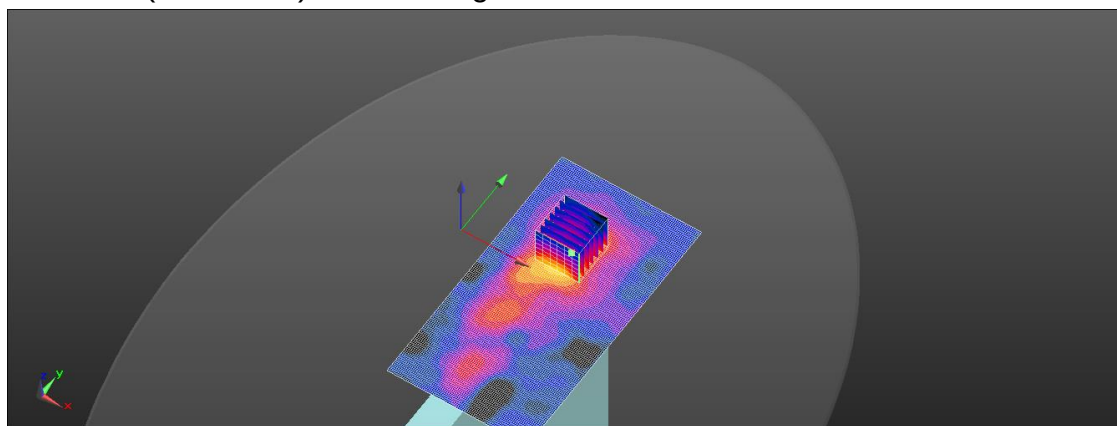
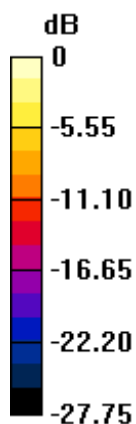
Peak SAR (extrapolated) = 2.09 W/kg

**SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.262 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 44.4%

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

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Date: 2024/12/30

ID: 076

Report No. :TESA2412000852EN

LTE Band 42 (20MHz)\_Body\_Top Edge\_CH 43340\_QPSK\_1-0\_0mm\_Part2\_Ant5

Communication System: LTE; Frequency: 3575 MHz; Duty cycle= 1:1.58

Medium parameters used:  $f = 3575$  MHz;  $\sigma = 2.996$  S/m;  $\epsilon_r = 37.518$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.78, 6.78, 6.78) @ 3575 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (81x151x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.992 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.203 V/m; Power Drift = 0.18 dB

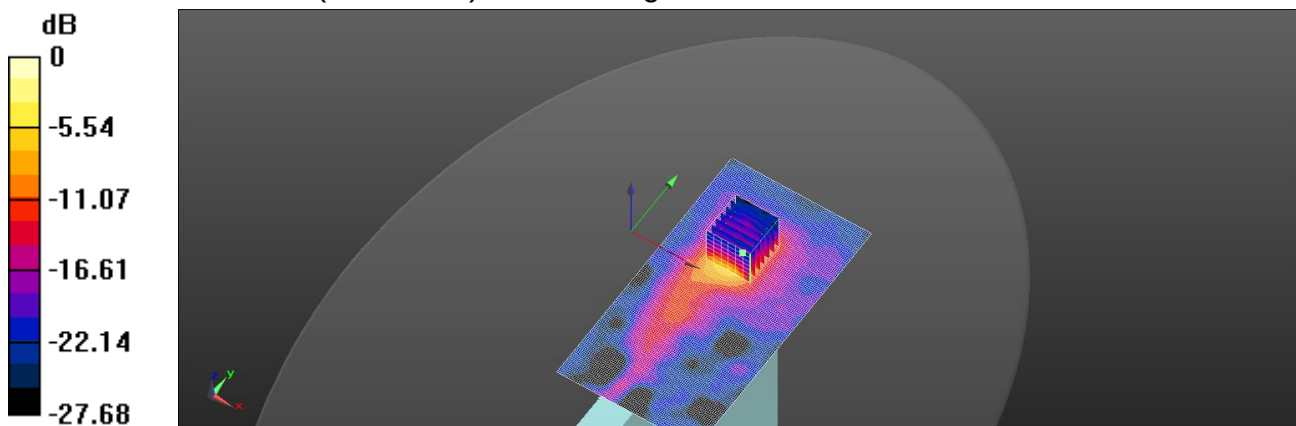
Peak SAR (extrapolated) = 2.00 W/kg

**SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.243 W/kg**

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 43.1%

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

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Date: 2024/12/30

ID: 078

Report No. :TESA2412000852EN

LTE Band 48 (20MHz)\_Body\_Top Edge\_CH 55340\_QPSK\_1-0\_0mm\_Ant5

Communication System: LTE; Frequency: 3560 MHz; Duty cycle= 1:1.58

Medium parameters used:  $f = 3560$  MHz;  $\sigma = 2.98$  S/m;  $\epsilon_r = 37.534$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.78, 6.78, 6.78) @ 3560 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (81x151x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

**Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.122 V/m; Power Drift = 0.12 dB

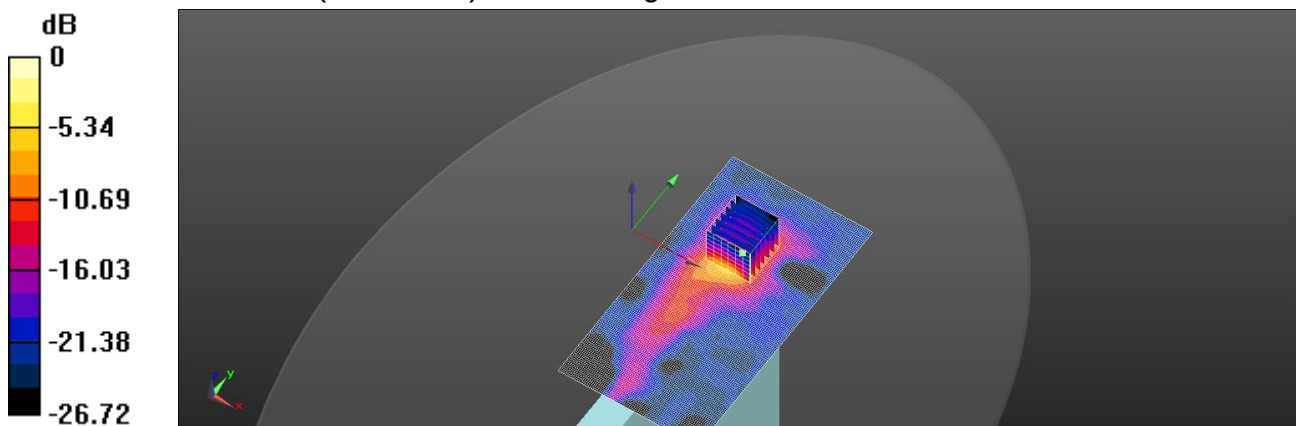
Peak SAR (extrapolated) = 2.02 W/kg

**SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.249 W/kg**

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 43.5%

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

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Date: 2024/12/22

ID: 079

Report No. :TESA2412000852EN

NR n2 (30MHz)\_Body\_Top Edge\_CH 373000\_Pi/2 BPSK\_1-1\_0mm\_Ant5

Communication System: 5G NR (30 MHz, Pi/2 BPSK, 15 kHz); Frequency: 1865 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 1865 \text{ MHz}$ ;  $\sigma = 1.377 \text{ S/m}$ ;  $\epsilon_r = 39.304$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.96, 7.96, 7.96) @ 1865 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.590 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.156 V/m; Power Drift = -0.03 dB

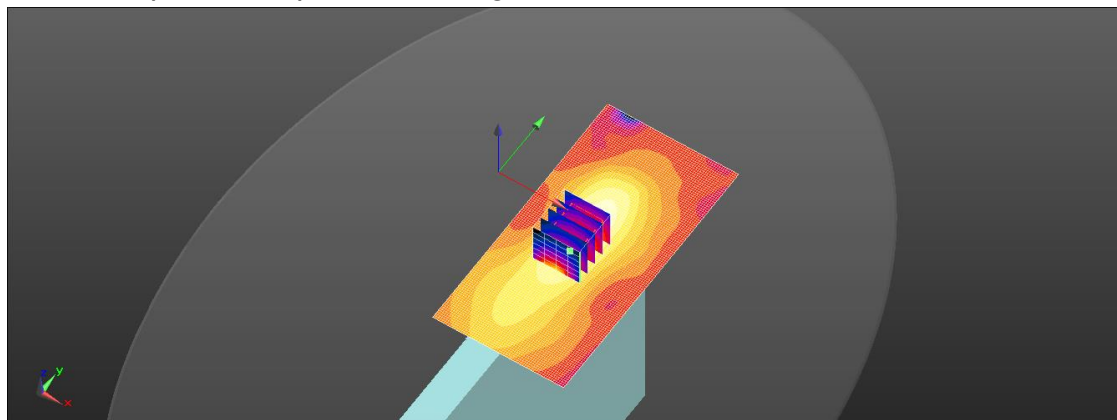
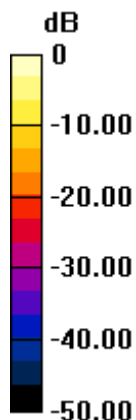
Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.252 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 45%

Maximum value of SAR (measured) = 0.956 W/kg



0 dB = 0.590 W/kg = -2.29 dBW/kg

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Date: 2024/12/20

ID: 080

Report No. :TESA2412000852EN

NR n5 (25MHz)\_Body\_Top Edge\_CH 167300\_Pi/2 BPSK\_1-1\_0mm\_Ant5

Communication System: 5G NR (25 MHz, Pi/2 BPSK, 15 kHz); Frequency: 836.5 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 836.5 \text{ MHz}$ ;  $\sigma = 0.882 \text{ S/m}$ ;  $\epsilon_r = 41.249$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 836.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.813 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.035 V/m; Power Drift = 0.01 dB

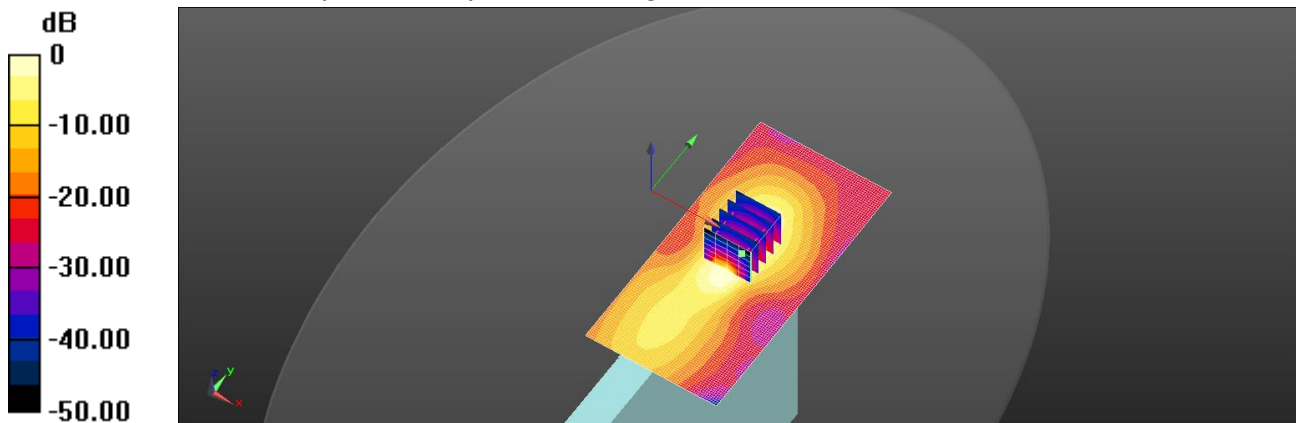
Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.341 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 44.6%

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 0.813 W/kg = -0.90 dBW/kg

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Date: 2024/12/19

ID: 081

Report No. :TESA2412000852EN

NR n12 (15MHz)\_Body\_Top Edge\_CH 141500\_Pi/2 BPSK\_1-1\_0mm\_Ant5

Communication System: 5G NR (15 MHz, Pi/2 BPSK, 15 kHz); Frequency: 707.5 MHz; Duty cycle= 1:1

Medium parameters used:  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.859 \text{ S/m}$ ;  $\epsilon_r = 41.647$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 707.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1336; Calibrated: 2024/8/15
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Area Scan (61x121x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.12 W/kg

**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.932 V/m; Power Drift = -0.03 dB

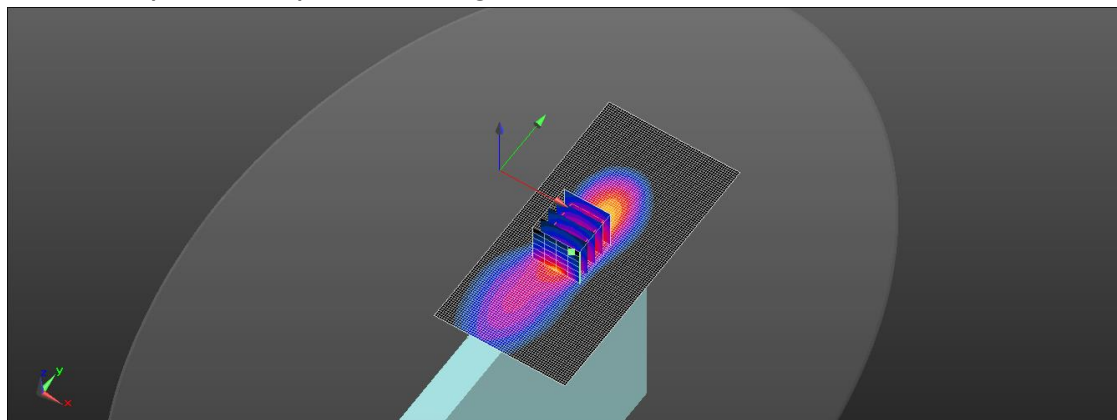
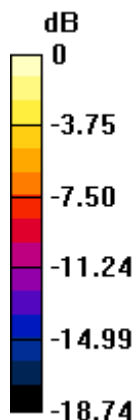
Peak SAR (extrapolated) = 3.39 W/kg

**SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.420 W/kg**

Smallest distance from peaks to all points 3 dB below = 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 39.7%

Maximum value of SAR (measured) = 2.25 W/kg



0 dB = 2.25 W/kg = 3.52 dBW/kg

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