REPORT No.: SZ24090048W10

# TEST REPORT

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|---|---|---|
| **APPLICANT** | : | Rhino Mobility LLC |
| **PRODUCT NAME** | : | Tablet |
| **MODEL NAME** | : | T105 |
| **Part Number** | : | T105-001-RHN-0A-001 |
| **BRAND NAME** | : | RHINO |
| **FCC ID** | : | 2AUOUT105 |
| **STANDARD(S)** | : | 47 CFR Part 2, 47 CFR Part 24<br>47 CFR Part 27, 47 CFR Part 90<br>47 CFR Part 96 |
| **RECEIPT DATE** | : | 2024-09-13 |
| **TEST DATE** | : | 2024-10-16 to 2024-11-24 |
| **ISSUE DATE** | : | 2024-11-29 |

Edited by: Liu Yuanxin (Rapporteur)

Approved by: Shen Junsheng (Supervisor)



MORLAB
Shenzhen Morlab Communication Technology Co., Ltd.
FL.1-3, Building A, FeiYang Science Park, No.8 LongChang Road,
Block67, BaoAn District, ShenZhen , GuangDong Province, P. R. China
Tel: 86-755-36698555 Fax: 86-755-36698525
Http://www.morlab.cn E-mail: service@morlab.cn

# DIRECTORY



| Change History | | |
|---|---|---|
| Version | Date | Reason for change |
| 1.0 | 2024-11-29 | First edition |

# 1. Technical Information

**Note:** Provide by applicant.

## 1.1. Applicant and Manufacturer Information

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|---|---|
| **Applicant:** | Rhino Mobility LLC |
| **Applicant Address:** | 8 The Green, Suite A, Dover, Delaware,19901, USA |
| **Manufacturer:** | Rhino Mobility LLC |
| **Manufacturer Address:** | 8 The Green, Suite A, Dover, Delaware,19901, USA |

## 1.2. Equipment Under Test (EUT) Description

| | | |
|---|---|---|
| **Product Name:** | Tablet | |
| **Hardware Version:** | T1007-MB_V1.0 | |
| **Software Version:** | T105(001)_20241114 | |
| **Modulation Type:** | DFT-s-OFDM | PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM |
| | CP-OFDM | QPSK, 16QAM, 64QAM, 256QAM |
| **SA Band:** | n2, n5, n7, n25, n26, n29, n30, n41, n48, n66, n71, n77, n78 | |
| **Power Class:** | PC2: | n41, n77, n78 |
| | PC3: | n2, n5, n7, n25, n26, n30, n41, n48, n66, n71, n77, n78 |
| **EN-DC Band:** | n2 | DC_5A_n2, DC_12A_n2, DC_13A_n2, DC_14A_n2, DC_48A_n2, DC_66A_n2, DC_71A_n2 |
| | n5 | DC_2A_n5, DC_7A_n5, DC_30A_n5, DC_48A_n5, DC_66A_n5 |
| | n25 | DC_12A_n25, DC_66A_n25 |
| | n41 | DC_5A_n41, DC_12A_n41, DC_26A_n41, DC_71A_n41 |
| | n66 | DC_2A_n66, DC_5A_n66, DC_12A_n66, DC_13A_n66, DC_14A_n66, DC_48A_n66, DC_71A_n66 |
| | n71 | DC_2A_n71, DC_66A_n71 |
| | n77 | DC_2A_n77, DC_5A_n77, DC_7A_n77, DC_12A_n77, DC_13A_n77, DC_14A_n77, DC_30A_n77, DC_41A_n77, DC_66A_n77 |

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|---|---|---|
| | n78 | DC_2A_n78, DC_4A_n78, DC_5A_n78, DC_7A_n78, DC_12A_n78, DC_13A_n78, DC_26A_n78, DC_38A_n78, DC_41A_n78, DC_66A_n78, DC_71A_n78 |
| **Frequency Range:** | n2 | Tx: 1850MHz-1910MHz |
| | | Rx: 1930MHz-1990MHz |
| | n5 | Tx: 824MHz-849MHz |
| | | Rx: 869MHz-894MHz |
| | n7 | Tx: 2500MHz-2570MHz |
| | | Rx: 2620MHz-2690MHz |
| | n25 | Tx: 1850MHz-1915MHz |
| | | Rx: 1930MHz-1995MHz |
| | n26 (enabling bands) | Tx: 814MHz-824MHz |
| | | Rx: 859MHz-869MHz |
| | | Tx: 824MHz-849MHz |
| | | Rx: 869MHz-894MHz |
| | n29 | Rx: 717MHz-728MHz |
| | n30 | Tx: 2305MHz-2315MHz |
| | | Rx: 2350MHz-2360MHz |
| | n41 | Tx: 2496MHz-2690MHz |
| | | Rx: 2496MHz-2690MHz |
| | n48 | Tx:3550 MHz–3700 MHz |
| | | Rx:3550 MHz–3700 MHz |
| | n66 | Tx: 1710MHz-1780MHz |
| | | Rx: 2110MHz-2200MHz |
| | n71 | Tx: 663MHz-698MHz |
| | | Rx: 617MHz-652MHz |
| | n77 : (enabling bands) | Tx: 3450MHz-3550MHz |
| | | Rx: 3450MHz-3550MHz |
| | | Tx: 3700MHz-3980MHz |
| | | Rx: 3700MHz-3980MHz |
| | n78: (enabling bands) | Tx: 3450MHz-3550MHz |
| | | Rx: 3450MHz-3550MHz |
| | | Tx: 3700MHz-3800MHz |
| | | Rx: 3700MHz-3800MHz |
| **Channel Bandwidth** | n2 | 5MHz, 10MHz, 15MHz, 20MHz |
| | n5 | 5MHz, 10MHz, 15MHz, 20MHz |

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|---|---|---|
| | n7 | 5MHz, 10MHz, 15MHz, 20MHz |
| | n25 | 5MHz, 10MHz, 15MHz, 20MHz |
| | n26 | 5MHz, 10MHz, 15MHz, 20MHz |
| | n30 | 10MHz |
| | n41 | 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz |
| | n48 | 20MHz, 40MHz |
| | n66 | 5MHz, 10MHz, 15MHz, 20MHz |
| | n71 | 5MHz, 10MHz, 15MHz, 20MHz |
| | n77 | 20MHz, 30MHz, 40MHz, 60MHz, 80MHz, 100MHz |
| | n78 | 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz |
| **Antenna Type:** | PIFA Antenna | |
| **Antenna Gain:** | n2 | ANT3: -0.47dBi, ANT4: 1.64dBi |
| | n5 | ANT1: -1.38dBi |
| | n7 | ANT3: 0.22dBi, ANT5: 1.44dBi |
| | n25 | ANT3: -0.47dBi, ANT4: 1.64dBi |
| | n26 | ANT1: -1.38dBi |
| | n29 | ANT1: -2.12dBi |
| | n30 | ANT3: -2.44dBi, ANT5: -0.98dBi |
| | n41 | ANT3: 0.22dBi, ANT5: 1.44dBi |
| | n48 | ANT6: -1.52dBi |
| | n66 | ANT3: -1.22dBi, ANT4: 1.41dBi |
| | n71 | ANT2: -2.81dBi |
| | n77 | ANT6: -1.52dBi |
| | n78 | ANT6: -1.52dBi |
| **Accessory Information:** | **Battery :** | |
| | Brand Name: | N/A |
| | Model No.: | BPT105 |
| | Serial No.: | N/A |
| | Capacity: | 7000mAh |
| | Rated Voltage: | 3.85V |
| | Charge Limit: | 4.40V |
| | Manufacturer: | Phenix New Energy (Huizhou) Co., Ltd. |
| | **AC Adapter :** | |
| | Brand Name: | RHINO |
| | Model No.: | PS20C120K1670UC |
| | Serial No.: | N/A |
| | Rated Input: | 100-240V~50/60HZ, 0.6A |
| | Rated Output: | 5V⎓3A or 9V⎓2.22A or 12V⎓1.67A |
| | Manufacturer1: | Shenzhen Flypower Technology Co., Ltd. |

**Note 1:** For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

**Note 2:** n41 and n77 supports both power class 2 and class 3. We have evaluated two power classes respectively by performing full test, for Conducted Output Power .we recorded the test result of two power classes separately, for other test items we only recorded the worst test result (Class 2) in this report.

**Note 3:** In the same NR frequency band, The measured power in SA mode is higher than that in NSA mode，SA mode is selected to test all test cases.

## 1.3. Maximum ERP/EIRP and Emission Designator

EIRP (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

ERP (dBm) = EIPR (dBm) - 2.15

| n2 | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 5 | PI/2 BPSK | / | / | / | 4.4887 | 4M49G7D |
| | QPSK | 23.72 | 25.36 | 0.344 | 4.496 | 4M50G7D |
| | 16QAM | / | / | / | 4.4934 | 4M49W7D |
| | 64QAM | / | / | / | 4.4769 | 4M48W7D |
| | 256QAM | / | / | / | 4.4894 | 4M49W7D |
| | CP-QPSK | / | / | / | 4.4813 | 4M48G7D |
| 10 | PI/2 BPSK | / | / | / | 8.9291 | 8M93G7D |
| | QPSK | 23.73 | 25.37 | 0.344 | 8.9312 | 8M93G7D |
| | 16QAM | / | / | / | 8.9532 | 8M95W7D |
| | 64QAM | / | / | / | 8.9294 | 8M93W7D |
| | 256QAM | / | / | / | 8.9277 | 8M93W7D |
| | CP-QPSK | / | / | / | 9.3015 | 9M30G7D |
| 15 | PI/2 BPSK | / | / | / | 13.415 | 13M4G7D |
| | QPSK | 23.70 | 25.34 | 0.342 | 13.423 | 13M4G7D |
| | 16QAM | / | / | / | 13.423 | 13M4W7D |
| | 64QAM | / | / | / | 13.406 | 13M4W7D |
| | 256QAM | / | / | / | 13.436 | 13M4W7D |
| | CP-QPSK | / | / | / | 14.115 | 14M1G7D |
| 20 | PI/2 BPSK | 23.73 | 25.37 | 0.344 | 17.876 | 17M9G7D |
| | QPSK | 23.75 | 25.39 | 0.346 | 17.886 | 17M9G7D |

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|---|---|---|---|---|---|---|
| | 16QAM | 23.20 | 24.84 | 0.305 | 17.896 | 17M9W7D |
| | 64QAM | 21.94 | 23.58 | 0.228 | 17.909 | 17M9W7D |
| | 256QAM | 19.86 | 21.50 | 0.141 | 17.867 | 17M9W7D |
| | CP-QPSK | / | / | / | 18.927 | 18M9G7D |

| n5 | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | ERP Average (dBm) | ERP Average (W) | 99% BW (MHz) | Emission Designator |
| 5 | PI/2 BPSK | / | / | / | 4.4895 | 4M49G7D |
| | QPSK | 23.44 | 19.91 | 0.098 | 4.5001 | 4M50G7D |
| | 16QAM | / | / | / | 4.4908 | 4M49W7D |
| | 64QAM | / | / | / | 4.4846 | 4M48W7D |
| | 256QAM | / | / | / | 4.4839 | 4M48W7D |
| | CP-QPSK | / | / | / | 4.4851 | 4M49G7D |
| 10 | PI/2 BPSK | / | / | / | 8.922 | 8M92G7D |
| | QPSK | 23.38 | 19.85 | 0.097 | 8.9468 | 8M95G7D |
| | 16QAM | / | / | / | 8.9479 | 8M95W7D |
| | 64QAM | / | / | / | 8.9299 | 8M93W7D |
| | 256QAM | / | / | / | 8.9268 | 8M93W7D |
| | CP-QPSK | / | / | / | 9.2952 | 9M30G7D |
| 15 | PI/2 BPSK | / | / | / | 13.416 | 13M4G7D |
| | QPSK | 23.45 | 19.92 | 0.098 | 13.425 | 13M4G7D |
| | 16QAM | / | / | / | 13.428 | 13M4W7D |
| | 64QAM | / | / | / | 13.394 | 13M4W7D |
| | 256QAM | / | / | / | 13.432 | 13M4W7D |
| | CP-QPSK | / | / | / | 14.106 | 14M1G7D |
| 20 | PI/2 BPSK | 23.67 | 20.14 | 0.103 | 17.855 | 17M9G7D |
| | QPSK | 23.68 | 20.15 | 0.104 | 17.855 | 17M9G7D |
| | 16QAM | 23.46 | 19.93 | 0.098 | 17.877 | 17M9W7D |
| | 64QAM | 21.77 | 18.24 | 0.067 | 17.891 | 17M9W7D |
| | 256QAM | 19.73 | 16.20 | 0.042 | 17.85 | 17M9W7D |
| | CP-QPSK | / | / | / | 18.894 | 18M9G7D |

| n7 | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | ERP Average (dBm) | ERP Average (W) | 99% BW (MHz) | Emission Designator |
| 5 | PI/2 BPSK | / | / | / | 4.4829 | 4M48G7D |
| | QPSK | 23.49 | 24.93 | 0.311 | 4.4934 | 4M49G7D |
| | 16QAM | / | / | / | 4.4921 | 4M49W7D |
| | 64QAM | / | / | / | 4.4765 | 4M48W7D |
| | 256QAM | / | / | / | 4.4894 | 4M49W7D |
| | CP-QPSK | / | / | / | 4.4747 | 4M47G7D |
| 10 | PI/2 BPSK | / | / | / | 8.9292 | 8M93G7D |
| | QPSK | 23.52 | 24.96 | 0.313 | 8.9356 | 8M94G7D |
| | 16QAM | / | / | / | 8.9483 | 8M95W7D |
| | 64QAM | / | / | / | 8.9367 | 8M94W7D |
| | 256QAM | / | / | / | 8.9448 | 8M94W7D |
| | CP-QPSK | / | / | / | 9.2987 | 9M30G7D |
| 15 | PI/2 BPSK | / | / | / | 13.431 | 13M4G7D |
| | QPSK | 23.52 | 24.96 | 0.313 | 13.438 | 13M4G7D |
| | 16QAM | / | / | / | 13.435 | 13M4W7D |
| | 64QAM | / | / | / | 13.415 | 13M4W7D |
| | 256QAM | / | / | / | 13.441 | 13M4W7D |
| | CP-QPSK | / | / | / | 14.128 | 14M1G7D |
| 20 | PI/2 BPSK | 23.66 | 25.10 | 0.324 | 17.901 | 17M9G7D |
| | QPSK | 23.68 | 25.12 | 0.325 | 17.899 | 17M9G7D |
| | 16QAM | 23.27 | 24.71 | 0.296 | 17.904 | 17M9W7D |
| | 64QAM | 21.74 | 23.18 | 0.208 | 17.904 | 17M9W7D |
| | 256QAM | 19.31 | 20.75 | 0.119 | 17.876 | 17M9W7D |
| | CP-QPSK | / | / | / | 18.922 | 18M9G7D |

| n25 | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 5 | PI/2 BPSK | / | / | / | 4.4876 | 4M49G7D |
| | QPSK | 23.78 | 21.24 | 0.133 | 4.4962 | 4M50G7D |
| | 16QAM | / | / | / | 4.4907 | 4M49W7D |
| | 64QAM | / | / | / | 4.4829 | 4M48W7D |
| | 256QAM | / | / | / | 4.4899 | 4M49W7D |

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|---|---|---|---|---|---|---|
| | CP-QPSK | / | / | / | 4.4841 | 4M48G7D |
| 10 | PI/2 BPSK | / | / | / | 8.9325 | 8M93G7D |
| | QPSK | 23.72 | 21.18 | 0.131 | 8.9318 | 8M93G7D |
| | 16QAM | / | / | / | 8.9503 | 8M95W7D |
| | 64QAM | / | / | / | 8.9303 | 8M93W7D |
| | 256QAM | / | / | / | 8.9435 | 8M94W7D |
| | CP-QPSK | / | / | / | 9.2998 | 9M30G7D |
| 15 | PI/2 BPSK | / | / | / | 13.42 | 13M4G7D |
| | QPSK | 23.72 | 21.18 | 0.131 | 13.439 | 13M4G7D |
| | 16QAM | / | / | / | 13.435 | 13M4W7D |
| | 64QAM | / | / | / | 13.409 | 13M4W7D |
| | 256QAM | / | / | / | 13.449 | 13M5W7D |
| | CP-QPSK | / | / | / | 14.124 | 14M1G7D |
| 20 | PI/2 BPSK | 23.80 | 21.26 | 0.134 | 17.893 | 17M9G7D |
| | QPSK | 23.81 | 21.27 | 0.134 | 17.887 | 17M9G7D |
| | 16QAM | 23.66 | 21.12 | 0.129 | 17.906 | 17M9W7D |
| | 64QAM | 22.19 | 19.65 | 0.092 | 17.916 | 17M9W7D |
| | 256QAM | 19.95 | 17.41 | 0.055 | 17.873 | 17M9W7D |
| | CP-QPSK | / | / | / | 18.924 | 18M9G7D |

| n26(814-824MHz) | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | ERP Average (dBm) | ERP Average (W) | 99% BW (MHz) | Emission Designator |
| 5 | PI/2 BPSK | / | / | / | 4.4881 | 4M49G7D |
| | QPSK | 23.84 | 20.31 | 0.107 | 4.5163 | 4M52G7D |
| | 16QAM | / | / | / | 4.4919 | 4M49W7D |
| | 64QAM | / | / | / | 4.4784 | 4M48W7D |
| | 256QAM | / | / | / | 4.4835 | 4M48W7D |
| | CP-QPSK | / | / | / | 4.4802 | 4M48G7D |
| 10 | PI/2 BPSK | 23.79 | 20.26 | 0.106 | 8.9076 | 8M91G7D |
| | QPSK | 23.90 | 20.37 | 0.109 | 8.9413 | 8M94G7D |
| | 16QAM | 23.17 | 19.64 | 0.092 | 8.94 | 8M94W7D |
| | 64QAM | 21.95 | 18.42 | 0.070 | 8.9142 | 8M91W7D |
| | 256QAM | 19.83 | 16.30 | 0.043 | 8.9274 | 8M93W7D |
| | CP-QPSK | / | / | / | 9.2802 | 9M28G7D |

| n26(824-849MHz) |
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| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | ERP Average (dBm) | ERP Average (W) | 99% BW (MHz) | Emission Designator |
|---|---|---|---|---|---|---|
| 5 | PI/2 BPSK | / | / | / | 4.4915 | 4M49G7D |
| | QPSK | 23.79 | 20.26 | 0.106 | 4.5039 | 4M50G7D |
| | 16QAM | / | / | / | 4.4902 | 4M49W7D |
| | 64QAM | / | / | / | 4.4836 | 4M48W7D |
| | 256QAM | / | / | / | 4.4841 | 4M48W7D |
| | CP-QPSK | / | / | / | 4.4824 | 4M48G7D |
| 10 | PI/2 BPSK | / | / | / | 8.9231 | 8M92G7D |
| | QPSK | 23.83 | 20.30 | 0.107 | 8.9214 | 8M92G7D |
| | 16QAM | / | / | / | 8.9368 | 8M94W7D |
| | 64QAM | / | / | / | 8.9268 | 8M93W7D |
| | 256QAM | / | / | / | 8.921 | 8M92W7D |
| | CP-QPSK | / | / | / | 9.2904 | 9M29G7D |
| 15 | PI/2 BPSK | / | / | / | 13.411 | 13M4G7D |
| | QPSK | 23.86 | 20.33 | 0.108 | 13.431 | 13M4G7D |
| | 16QAM | / | / | / | 13.435 | 13M4W7D |
| | 64QAM | / | / | / | 13.394 | 13M4W7D |
| | 256QAM | / | / | / | 13.43 | 13M4W7D |
| | CP-QPSK | / | / | / | 14.108 | 14M1G7D |
| 20 | PI/2 BPSK | 23.91 | 20.38 | 0.109 | 17.857 | 17M9G7D |
| | QPSK | 23.94 | 20.41 | 0.110 | 17.848 | 17M9G7D |
| | 16QAM | 23.81 | 20.28 | 0.107 | 17.871 | 17M9W7D |
| | 64QAM | 22.32 | 18.79 | 0.076 | 17.895 | 17M9W7D |
| | 256QAM | 20.35 | 16.82 | 0.048 | 17.85 | 17M9W7D |
| | CP-QPSK | / | / | / | 18.881 | 18M9G7D |

| n30 | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | ERP Average (dBm) | ERP Average (W) | 99% BW (MHz) | Emission Designator |
| 10 | PI/2 BPSK | 23.49 | 21.50 | 0.141 | 8.9278 | 8M93G7D |
| | QPSK | 23.56 | 21.57 | 0.144 | 8.9275 | 8M93G7D |
| | 16QAM | 23.27 | 21.28 | 0.134 | 8.9498 | 8M95W7D |
| | 64QAM | 21.87 | 19.88 | 0.097 | 8.9283 | 8M93W7D |
| | 256QAM | 19.53 | 17.54 | 0.057 | 8.9397 | 8M94W7D |
| | CP-QPSK | / | / | / | 9.288 | 9M29G7D |

| n41(PC2) | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 20 | PI/2 BPSK | / | / | / | 17.809 | 17M8G7D |
| | QPSK | 26.64 | 28.08 | 0.643 | 17.856 | 17M9G7D |
| | 16QAM | / | / | / | 17.85 | 17M9W7D |
| | 64QAM | / | / | / | 17.821 | 17M8W7D |
| | 256QAM | / | / | / | 17.812 | 17M8W7D |
| | CP-QPSK | / | / | / | 18.263 | 18M3G7D |
| 30 | PI/2 BPSK | / | / | / | 26.821 | 26M8G7D |
| | QPSK | 26.65 | 28.09 | 0.644 | 26.819 | 26M8G7D |
| | 16QAM | / | / | / | 26.856 | 26M9W7D |
| | 64QAM | / | / | / | 26.808 | 26M8W7D |
| | 256QAM | / | / | / | 26.795 | 26M8W7D |
| | CP-QPSK | / | / | / | 27.858 | 27M9G7D |
| 40 | PI/2 BPSK | / | / | / | 35.796 | 35M8G7D |
| | QPSK | 26.65 | 28.09 | 0.644 | 35.752 | 35M8G7D |
| | 16QAM | / | / | / | 35.801 | 35M8W7D |
| | 64QAM | / | / | / | 35.827 | 35M8W7D |
| | 256QAM | / | / | / | 35.787 | 35M8W7D |
| | CP-QPSK | / | / | / | 37.913 | 37M9G7D |
| 50 | PI/2 BPSK | / | / | / | 45.858 | 45M9G7D |
| | QPSK | 26.67 | 28.11 | 0.647 | 45.938 | 45M9G7D |
| | 16QAM | / | / | / | 45.781 | 45M8W7D |
| | 64QAM | / | / | / | 45.772 | 45M8W7D |
| | 256QAM | / | / | / | 45.747 | 45M8W7D |
| | CP-QPSK | / | / | / | 47.454 | 47M5G7D |
| 60 | PI/2 BPSK | / | / | / | 57.937 | 57M9G7D |
| | QPSK | 26.57 | 28.01 | 0.632 | 57.935 | 57M9G7D |
| | 16QAM | / | / | / | 57.897 | 57M9W7D |
| | 64QAM | / | / | / | 57.949 | 58M0W7D |
| | 256QAM | / | / | / | 57.969 | 58M0W7D |
| | CP-QPSK | / | / | / | 57.883 | 57M9G7D |
| 70 | PI/2 BPSK | / | / | / | 64.413 | 64M4G7D |
| | QPSK | 26.60 | 28.04 | 0.637 | 64.269 | 64M3G7D |

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|---|---|---|---|---|---|---|
| | 16QAM | / | / | / | 64.35 | 64M4W7D |
| | 64QAM | / | / | / | 64.329 | 64M3W7D |
| | 256QAM | / | / | / | 64.358 | 64M4W7D |
| | CP-QPSK | / | / | / | 67.636 | 67M6G7D |
| 80 | PI/2 BPSK | / | / | / | 77.235 | 77M2G7D |
| | QPSK | 26.56 | 28.00 | 0.631 | 77.3 | 77M3G7D |
| | 16QAM | / | / | / | 77.261 | 77M3W7D |
| | 64QAM | / | / | / | 77.276 | 77M3W7D |
| | 256QAM | / | / | / | 77.212 | 77M2W7D |
| | CP-QPSK | / | / | / | 77.535 | 77M5G7D |
| 90 | PI/2 BPSK | / | / | / | 86.856 | 86M9G7D |
| | QPSK | 26.50 | 27.94 | 0.622 | 86.798 | 86M8G7D |
| | 16QAM | / | / | / | 86.966 | 87M0W7D |
| | 64QAM | / | / | / | 86.798 | 86M8W7D |
| | 256QAM | / | / | / | 86.67 | 86M7W7D |
| | CP-QPSK | / | / | / | 87.367 | 87M4G7D |
| 100 | PI/2 BPSK | 26.61 | 28.05 | 0.638 | 96.595 | 96M6G7D |
| | QPSK | 26.69 | 28.13 | 0.650 | 96.432 | 96M4G7D |
| | 16QAM | 25.39 | 26.83 | 0.482 | 96.62 | 96M6W7D |
| | 64QAM | 23.98 | 25.42 | 0.348 | 96.527 | 96M5W7D |
| | 256QAM | 21.80 | 23.24 | 0.211 | 96.518 | 96M5W7D |
| | CP-QPSK | / | / | / | 97.401 | 97M4G7D |

| n41(PC3) | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (kHz) | Emission Designator |
| 20 | PI/2 BPSK | / | / | / | 17.809 | 17M8G7D |
| | QPSK | 23.84 | 25.28 | 0.337 | 17.856 | 17M9G7D |
| | 16QAM | / | / | / | 17.85 | 17M9W7D |
| | 64QAM | / | / | / | 17.821 | 17M8W7D |
| | 256QAM | / | / | / | 17.812 | 17M8W7D |
| | CP-QPSK | / | / | / | 18.263 | 18M3G7D |
| 30 | PI/2 BPSK | / | / | / | 26.821 | 26M8G7D |
| | QPSK | 23.86 | 25.30 | 0.339 | 26.819 | 26M8G7D |
| | 16QAM | / | / | / | 26.856 | 26M9W7D |
| | 64QAM | / | / | / | 26.808 | 26M8W7D |

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|---|---|---|---|---|---|---|
| | 256QAM | / | / | / | 26.795 | 26M8W7D |
| | CP-QPSK | / | / | / | 27.858 | 27M9G7D |
| 40 | PI/2 BPSK | / | / | / | 35.796 | 35M8G7D |
| | QPSK | 23.83 | 25.27 | 0.337 | 35.752 | 35M8G7D |
| | 16QAM | / | / | / | 35.801 | 35M8W7D |
| | 64QAM | / | / | / | 35.827 | 35M8W7D |
| | 256QAM | / | / | / | 35.787 | 35M8W7D |
| | CP-QPSK | / | / | / | 37.913 | 37M9G7D |
| 50 | PI/2 BPSK | / | / | / | 45.858 | 45M9G7D |
| | QPSK | 23.83 | 25.27 | 0.337 | 45.938 | 45M9G7D |
| | 16QAM | / | / | / | 45.781 | 45M8W7D |
| | 64QAM | / | / | / | 45.772 | 45M8W7D |
| | 256QAM | / | / | / | 45.747 | 45M8W7D |
| | CP-QPSK | / | / | / | 47.454 | 47M5G7D |
| 60 | PI/2 BPSK | / | / | / | 57.937 | 57M9G7D |
| | QPSK | 23.82 | 25.26 | 0.336 | 57.935 | 57M9G7D |
| | 16QAM | / | / | / | 57.897 | 57M9W7D |
| | 64QAM | / | / | / | 57.949 | 58M0W7D |
| | 256QAM | / | / | / | 57.969 | 58M0W7D |
| | CP-QPSK | / | / | / | 57.883 | 57M9G7D |
| 70 | PI/2 BPSK | / | / | / | 64.413 | 64M4G7D |
| | QPSK | 23.83 | 25.27 | 0.337 | 64.269 | 64M3G7D |
| | 16QAM | / | / | / | 64.35 | 64M4W7D |
| | 64QAM | / | / | / | 64.329 | 64M3W7D |
| | 256QAM | / | / | / | 64.358 | 64M4W7D |
| | CP-QPSK | / | / | / | 67.636 | 67M6G7D |
| 80 | PI/2 BPSK | / | / | / | 77.235 | 77M2G7D |
| | QPSK | 23.87 | 25.31 | 0.340 | 77.3 | 77M3G7D |
| | 16QAM | / | / | / | 77.261 | 77M3W7D |
| | 64QAM | / | / | / | 77.276 | 77M3W7D |
| | 256QAM | / | / | / | 77.212 | 77M2W7D |
| | CP-QPSK | / | / | / | 77.535 | 77M5G7D |
| 90 | PI/2 BPSK | / | / | / | 86.856 | 86M9G7D |
| | QPSK | 23.85 | 25.29 | 0.338 | 86.798 | 86M8G7D |
| | 16QAM | / | / | / | 86.966 | 87M0W7D |
| | 64QAM | / | / | / | 86.798 | 86M8W7D |
| | 256QAM | / | / | / | 86.67 | 86M7W7D |

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|---|---|---|---|---|---|---|
| | CP-QPSK | / | / | / | 87.367 | 87M4G7D |
| 100 | PI/2 BPSK | 23.95 | 25.39 | 0.346 | 96.595 | 96M6G7D |
| | QPSK | 23.98 | 25.42 | 0.348 | 96.432 | 96M4G7D |
| | 16QAM | 23.10 | 24.54 | 0.284 | 96.62 | 96M6W7D |
| | 64QAM | 23.11 | 24.55 | 0.285 | 96.527 | 96M5W7D |
| | 256QAM | 21.38 | 22.82 | 0.191 | 96.518 | 96M5W7D |
| | CP-QPSK | / | / | / | 97.401 | 97M4G7D |

| n48 | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 20 | PI/2 BPSK | / | / | / | 17.844 | 17M8G7D |
| | QPSK | 22.43 | 20.91 | 0.123 | 17.89 | 17M9G7D |
| | 16QAM | / | / | / | 17.877 | 17M9W7D |
| | 64QAM | / | / | / | 17.85 | 17M9W7D |
| | 256QAM | / | / | / | 17.817 | 17M8W7D |
| | CP-QPSK | / | / | / | 17.87 | 17M9G7D |
| 40 | PI/2 BPSK | 22.51 | 20.99 | 0.126 | 35.759 | 35M8G7D |
| | QPSK | 22.53 | 21.01 | 0.126 | 35.831 | 35M8G7D |
| | 16QAM | 22.45 | 20.93 | 0.124 | 35.828 | 35M8W7D |
| | 64QAM | 20.95 | 19.43 | 0.088 | 35.785 | 35M8W7D |
| | 256QAM | 18.79 | 17.27 | 0.053 | 35.77 | 35M8W7D |
| | CP-QPSK | / | / | / | 35.699 | 35M7G7D |

| n66 | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 5 | PI/2 BPSK | / | / | / | 4.4903 | 4M49G7D |
| | QPSK | 23.79 | 25.20 | 0.331 | 4.4914 | 4M49G7D |
| | 16QAM | / | / | / | 4.4975 | 4M50W7D |
| | 64QAM | / | / | / | 4.4775 | 4M48W7D |
| | 256QAM | / | / | / | 4.4851 | 4M49W7D |
| | CP-QPSK | / | / | / | 4.4784 | 4M48G7D |
| 10 | PI/2 BPSK | / | / | / | 8.9332 | 8M93G7D |
| | QPSK | 23.75 | 25.16 | 0.328 | 8.9336 | 8M93G7D |

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|---|---|---|---|---|---|---|
| | 16QAM | / | / | / | 8.9477 | 8M95W7D |
| | 64QAM | / | / | / | 8.9326 | 8M93W7D |
| | 256QAM | / | / | / | 8.9378 | 8M94W7D |
| | CP-QPSK | / | / | / | 9.3054 | 9M31G7D |
| 15 | PI/2 BPSK | / | / | / | 13.422 | 13M4G7D |
| | QPSK | 23.93 | 25.34 | 0.342 | 13.431 | 13M4G7D |
| | 16QAM | / | / | / | 13.433 | 13M4W7D |
| | 64QAM | / | / | / | 13.403 | 13M4W7D |
| | 256QAM | / | / | / | 13.44 | 13M4W7D |
| | CP-QPSK | / | / | / | 14.121 | 14M1G7D |
| 20 | PI/2 BPSK | 23.89 | 25.30 | 0.339 | 17.897 | 17M9G7D |
| | QPSK | 24.00 | 25.41 | 0.348 | 17.885 | 17M9G7D |
| | 16QAM | 23.42 | 24.83 | 0.304 | 17.923 | 17M9W7D |
| | 64QAM | 22.09 | 23.50 | 0.224 | 17.917 | 17M9W7D |
| | 256QAM | 19.82 | 21.23 | 0.133 | 17.876 | 17M9W7D |
| | CP-QPSK | / | / | / | 18.918 | 18M9G7D |

| n71 | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | ERP Average (dBm) | ERP Average (W) | 99% BW (MHz) | Emission Designator |
| 5 | PI/2 BPSK | / | / | / | 4.4836 | 4M48G7D |
| | QPSK | 23.55 | 18.59 | 0.072 | 4.4986 | 4M50G7D |
| | 16QAM | / | / | / | 4.4879 | 4M49W7D |
| | 64QAM | / | / | / | 4.4755 | 4M48W7D |
| | 256QAM | / | / | / | 4.4912 | 4M49W7D |
| | CP-QPSK | / | / | / | 4.477 | 4M48G7D |
| 10 | PI/2 BPSK | / | / | / | 8.9173 | 8M92G7D |
| | QPSK | 23.63 | 18.67 | 0.074 | 8.9208 | 8M92G7D |
| | 16QAM | / | / | / | 8.9384 | 8M94W7D |
| | 64QAM | / | / | / | 8.9211 | 8M92W7D |
| | 256QAM | / | / | / | 8.9225 | 8M92W7D |
| | CP-QPSK | / | / | / | 9.2862 | 9M29G7D |
| 15 | PI/2 BPSK | / | / | / | 13.415 | 13M4G7D |
| | QPSK | 23.65 | 18.69 | 0.074 | 13.407 | 13M4G7D |
| | 16QAM | / | / | / | 13.419 | 13M4W7D |
| | 64QAM | / | / | / | 13.387 | 13M4W7D |

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|---|---|---|---|---|---|---|
| | 256QAM | / | / | / | 13.432 | 13M4W7D |
| | CP-QPSK | / | / | / | 14.109 | 14M1G7D |
| 20 | PI/2 BPSK | 23.65 | 18.69 | 0.074 | 17.853 | 17M9G7D |
| | QPSK | 23.79 | 18.83 | 0.076 | 17.85 | 17M9G7D |
| | 16QAM | 23.20 | 18.24 | 0.067 | 17.869 | 17M9W7D |
| | 64QAM | 21.72 | 16.76 | 0.047 | 17.886 | 17M9W7D |
| | 256QAM | 19.29 | 14.33 | 0.027 | 17.847 | 17M9W7D |
| | CP-QPSK | / | / | / | 18.881 | 18M9G7D |

| n77(3450-3550MHz)(PC2) | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 20 | PI/2 BPSK | / | / | / | 17.863 | 17M9G7D |
| | QPSK | 25.56 | 24.04 | 0.254 | 17.847 | 17M9G7D |
| | 16QAM | / | / | / | 17.895 | 17M9W7D |
| | 64QAM | / | / | / | 17.881 | 17M9W7D |
| | 256QAM | / | / | / | 17.87 | 17M9W7D |
| | CP-QPSK | / | / | / | 17.895 | 17M9G7D |
| 30 | PI/2 BPSK | / | / | / | 26.792 | 26M8G7D |
| | QPSK | 25.52 | 24.00 | 0.251 | 26.828 | 26M8G7D |
| | 16QAM | / | / | / | 26.843 | 26M8W7D |
| | 64QAM | / | / | / | 26.823 | 26M8W7D |
| | 256QAM | / | / | / | 26.876 | 26M9W7D |
| | CP-QPSK | / | / | / | 26.797 | 26M8G7D |
| 40 | PI/2 BPSK | / | / | / | 35.768 | 35M8G7D |
| | QPSK | 25.54 | 24.02 | 0.252 | 35.796 | 35M8G7D |
| | 16QAM | / | / | / | 35.842 | 35M8W7D |
| | 64QAM | / | / | / | 35.773 | 35M8W7D |
| | 256QAM | / | / | / | 35.803 | 35M8W7D |
| | CP-QPSK | / | / | / | 35.74 | 35M7G7D |
| 60 | PI/2 BPSK | / | / | / | 57.916 | 57M9G7D |
| | QPSK | 25.31 | 23.79 | 0.239 | 57.858 | 57M9G7D |
| | 16QAM | / | / | / | 57.893 | 57M9W7D |
| | 64QAM | / | / | / | 57.918 | 57M9W7D |
| | 256QAM | / | / | / | 57.934 | 57M9W7D |
| | CP-QPSK | / | / | / | 57.796 | 57M8G7D |

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|---|---|---|---|---|---|---|
| 80 | PI/2 BPSK | / | / | / | 77.055 | 77M1G7D |
| | QPSK | 25.46 | 23.94 | 0.248 | 77.131 | 77M1G7D |
| | 16QAM | / | / | / | 77.147 | 77M2W7D |
| | 64QAM | / | / | / | 77.085 | 77M1W7D |
| | 256QAM | / | / | / | 77.056 | 77M1W7D |
| | CP-QPSK | / | / | / | 77.127 | 77M1G7D |
| 100 | PI/2 BPSK | 25.51 | 23.99 | 0.251 | 96.321 | 96M3G7D |
| | QPSK | 25.60 | 24.08 | 0.256 | 96.129 | 96M1G7D |
| | 16QAM | 24.08 | 22.56 | 0.180 | 96.415 | 96M4W7D |
| | 64QAM | 22.71 | 21.19 | 0.132 | 96.349 | 96M4W7D |
| | 256QAM | 20.51 | 18.99 | 0.079 | 96.43 | 96M4W7D |
| | CP-QPSK | / | / | / | 96.376 | 96M4G7D |

| n77(3700-3980MHz)(PC2) | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 20 | PI/2 BPSK | / | / | / | 17.848 | 17M9G7D |
| | QPSK | 25.12 | 23.60 | 0.229 | 17.812 | 17M8G7D |
| | 16QAM | / | / | / | 17.876 | 17M9W7D |
| | 64QAM | / | / | / | 17.894 | 17M9W7D |
| | 256QAM | / | / | / | 17.883 | 17M9W7D |
| | CP-QPSK | / | / | / | 17.903 | 17M9G7D |
| 30 | PI/2 BPSK | / | / | / | 26.796 | 26M8G7D |
| | QPSK | 25.04 | 23.52 | 0.225 | 26.919 | 26M9G7D |
| | 16QAM | / | / | / | 26.839 | 26M8W7D |
| | 64QAM | / | / | / | 26.801 | 26M8W7D |
| | 256QAM | / | / | / | 26.835 | 26M8W7D |
| | CP-QPSK | / | / | / | 26.789 | 26M8G7D |
| 40 | PI/2 BPSK | / | / | / | 35.768 | 35M8G7D |
| | QPSK | 25.15 | 23.63 | 0.231 | 35.791 | 35M8G7D |
| | 16QAM | / | / | / | 35.811 | 35M8W7D |
| | 64QAM | / | / | / | 35.809 | 35M8W7D |
| | 256QAM | / | / | / | 35.743 | 35M7W7D |
| | CP-QPSK | / | / | / | 35.729 | 35M7G7D |
| 60 | PI/2 BPSK | / | / | / | 57.974 | 58M0G7D |
| | QPSK | 24.99 | 23.47 | 0.222 | 57.804 | 57M8G7D |

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|---|---|---|---|---|---|---|
| | 16QAM | / | / | / | 57.946 | 58M0W7D |
| | 64QAM | / | / | / | 57.925 | 57M9W7D |
| | 256QAM | / | / | / | 57.876 | 57M9W7D |
| | CP-QPSK | / | / | / | 57.826 | 57M8G7D |
| 80 | PI/2 BPSK | / | / | / | 77.155 | 77M2G7D |
| | QPSK | 25.12 | 23.60 | 0.229 | 77.781 | 77M8G7D |
| | 16QAM | / | / | / | 77.251 | 77M3W7D |
| | 64QAM | / | / | / | 77.101 | 77M1W7D |
| | 256QAM | / | / | / | 77.086 | 77M1W7D |
| | CP-QPSK | / | / | / | 77.04 | 77M0G7D |
| 100 | PI/2 BPSK | 25.50 | 23.98 | 0.250 | 96.391 | 96M4G7D |
| | QPSK | 25.49 | 23.97 | 0.249 | 96.238 | 96M2G7D |
| | 16QAM | 23.68 | 22.16 | 0.164 | 96.416 | 96M4W7D |
| | 64QAM | 22.28 | 20.76 | 0.119 | 96.398 | 96M4W7D |
| | 256QAM | 19.96 | 18.44 | 0.070 | 96.397 | 96M4W7D |
| | CP-QPSK | / | / | / | 96.233 | 96M2G7D |

| n77(3450-3550MHz)(PC3) | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 20 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.46 | 20.94 | 0.124 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| | CP-QPSK | / | / | / | / | / |
| 30 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.37 | 20.85 | 0.122 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| | CP-QPSK | / | / | / | / | / |
| 40 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.32 | 20.80 | 0.120 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |

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|---|---|---|---|---|---|---|
| | 256QAM | / | / | / | / | / |
| | CP-QPSK | / | / | / | / | / |
| 60 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.25 | 20.73 | 0.118 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| | CP-QPSK | / | / | / | / | / |
| 80 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.35 | 20.83 | 0.121 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| | CP-QPSK | / | / | / | / | / |
| 100 | PI/2 BPSK | 22.37 | 20.85 | 0.122 | / | / |
| | QPSK | 22.47 | 20.95 | 0.124 | / | / |
| | 16QAM | 22.03 | 20.51 | 0.112 | / | / |
| | 64QAM | 21.46 | 19.94 | 0.099 | / | / |
| | 256QAM | 20.44 | 18.92 | 0.078 | / | / |
| | CP-QPSK | / | / | / | / | / |

| n77(3700-3980MHz)(PC3) | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 20 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.16 | 20.64 | 0.116 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 30 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.32 | 20.80 | 0.120 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 40 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.23 | 20.71 | 0.118 | / | / |

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|---|---|---|---|---|---|---|
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 60 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 21.97 | 20.45 | 0.111 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 80 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.07 | 20.55 | 0.114 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 100 | PI/2 BPSK | 22.42 | 20.90 | 0.123 | / | / |
| | QPSK | 22.44 | 20.92 | 0.124 | / | / |
| | 16QAM | 21.56 | 20.04 | 0.101 | / | / |
| | 64QAM | 21.57 | 20.05 | 0.101 | / | / |
| | 256QAM | 20.41 | 18.89 | 0.077 | / | / |

| n78(3450-3550MHz)(PC2) | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 20 | PI/2 BPSK | / | / | / | 17.843 | 17M8G7D |
| | QPSK | 25.34 | 23.82 | 0.241 | 17.838 | 17M8G7D |
| | 16QAM | / | / | / | 17.907 | 17M9W7D |
| | 64QAM | / | / | / | 17.859 | 17M9W7D |
| | 256QAM | / | / | / | 17.872 | 17M9W7D |
| 30 | PI/2 BPSK | / | / | / | 17.902 | 17M9G7D |
| | QPSK | 25.36 | 23.84 | 0.242 | 26.793 | 26M8G7D |
| | 16QAM | / | / | / | 26.818 | 26M8G7D |
| | 64QAM | / | / | / | 26.842 | 26M8W7D |
| | 256QAM | / | / | / | 26.79 | 26M8W7D |
| 40 | PI/2 BPSK | / | / | / | 26.859 | 26M9W7D |
| | QPSK | 25.47 | 23.95 | 0.248 | 26.823 | 26M8G7D |
| | 16QAM | / | / | / | 35.758 | 35M8G7D |
| | 64QAM | / | / | / | 35.781 | 35M8G7D |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 256QAM | / | / | / | 35.828 | 35M8W7D |
| 50 | PI/2 BPSK | / | / | / | 35.782 | 35M8W7D |
| | QPSK | 25.36 | 23.84 | 0.242 | 35.763 | 35M8W7D |
| | 16QAM | / | / | / | 35.701 | 35M7G7D |
| | 64QAM | / | / | / | 45.763 | 45M8G7D |
| | 256QAM | / | / | / | 45.868 | 45M9G7D |
| 60 | PI/2 BPSK | / | / | / | 45.844 | 45M8W7D |
| | QPSK | 25.39 | 23.87 | 0.244 | 45.736 | 45M7W7D |
| | 16QAM | / | / | / | 45.85 | 45M9W7D |
| | 64QAM | / | / | / | 45.738 | 45M7G7D |
| | 256QAM | / | / | / | 57.952 | 58M0G7D |
| 70 | PI/2 BPSK | / | / | / | 57.838 | 57M8G7D |
| | QPSK | 25.46 | 23.94 | 0.248 | 57.975 | 58M0W7D |
| | 16QAM | / | / | / | 57.926 | 57M9W7D |
| | 64QAM | / | / | / | 57.904 | 57M9W7D |
| | 256QAM | / | / | / | 57.831 | 57M8G7D |
| 80 | PI/2 BPSK | / | / | / | 64.314 | 64M3G7D |
| | QPSK | 25.45 | 23.93 | 0.247 | 64.286 | 64M3G7D |
| | 16QAM | / | / | / | 64.225 | 64M2W7D |
| | 64QAM | / | / | / | 64.323 | 64M3W7D |
| | 256QAM | / | / | / | 64.239 | 64M2W7D |
| 90 | PI/2 BPSK | / | / | / | 64.254 | 64M3G7D |
| | QPSK | 25.33 | 23.81 | 0.240 | 77.074 | 77M1G7D |
| | 16QAM | / | / | / | 77.135 | 77M1G7D |
| | 64QAM | / | / | / | 77.178 | 77M2W7D |
| | 256QAM | / | / | / | 77.036 | 77M0W7D |
| 100 | PI/2 BPSK | 25.38 | 23.86 | 0.243 | 77.081 | 77M1W7D |
| | QPSK | 25.51 | 23.99 | 0.251 | 77.15 | 77M2G7D |
| | 16QAM | 23.74 | 22.22 | 0.167 | 86.722 | 86M7G7D |
| | 64QAM | 22.50 | 20.98 | 0.125 | 86.675 | 86M7G7D |
| | 256QAM | 20.20 | 18.68 | 0.074 | 86.773 | 86M8W7D |

| n78(3700-3800MHz)(PC2) | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 20 | PI/2 BPSK | / | / | / | 17.829 | 17M8G7D |

| | | | | | | |
|---|---|---|---|---|---|---|
| | QPSK | 25.39 | 23.87 | 0.244 | 17.907 | 17M9G7D |
| | 16QAM | / | / | / | 17.89 | 17M9W7D |
| | 64QAM | / | / | / | 17.853 | 17M9W7D |
| | 256QAM | / | / | / | 17.862 | 17M9W7D |
| 30 | PI/2 BPSK | / | / | / | 17.887 | 17M9G7D |
| | QPSK | 25.28 | 23.76 | 0.238 | 26.808 | 26M8G7D |
| | 16QAM | / | / | / | 26.898 | 26M9G7D |
| | 64QAM | / | / | / | 26.854 | 26M9W7D |
| | 256QAM | / | / | / | 26.783 | 26M8W7D |
| 40 | PI/2 BPSK | / | / | / | 26.819 | 26M8W7D |
| | QPSK | 25.25 | 23.73 | 0.236 | 26.798 | 26M8G7D |
| | 16QAM | / | / | / | 35.744 | 35M7G7D |
| | 64QAM | / | / | / | 35.887 | 35M9G7D |
| | 256QAM | / | / | / | 35.806 | 35M8W7D |
| 50 | PI/2 BPSK | / | / | / | 35.842 | 35M8W7D |
| | QPSK | 25.28 | 23.76 | 0.238 | 35.811 | 35M8W7D |
| | 16QAM | / | / | / | 35.68 | 35M7G7D |
| | 64QAM | / | / | / | 45.763 | 45M8G7D |
| | 256QAM | / | / | / | 45.496 | 45M5G7D |
| 60 | PI/2 BPSK | / | / | / | 45.802 | 45M8W7D |
| | QPSK | 25.23 | 23.71 | 0.235 | 45.785 | 45M8W7D |
| | 16QAM | / | / | / | 45.783 | 45M8W7D |
| | 64QAM | / | / | / | 45.722 | 45M7G7D |
| | 256QAM | / | / | / | 57.869 | 57M9G7D |
| 70 | PI/2 BPSK | / | / | / | 57.865 | 57M9G7D |
| | QPSK | 25.21 | 23.69 | 0.234 | 57.859 | 57M9W7D |
| | 16QAM | / | / | / | 57.997 | 58M0W7D |
| | 64QAM | / | / | / | 57.972 | 58M0W7D |
| | 256QAM | / | / | / | 57.837 | 57M8G7D |
| 80 | PI/2 BPSK | / | / | / | 64.31 | 64M3G7D |
| | QPSK | 25.27 | 23.75 | 0.237 | 64.7 | 64M7G7D |
| | 16QAM | / | / | / | 64.256 | 64M3W7D |
| | 64QAM | / | / | / | 64.276 | 64M3W7D |
| | 256QAM | / | / | / | 64.206 | 64M2W7D |
| 90 | PI/2 BPSK | / | / | / | 64.246 | 64M3G7D |
| | QPSK | 25.26 | 23.74 | 0.237 | 77.125 | 77M1G7D |
| | 16QAM | / | / | / | 77.06 | 77M1G7D |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 64QAM | / | / | / | 77.238 | 77M2W7D |
| | 256QAM | / | / | / | 77.133 | 77M1W7D |
| 100 | PI/2 BPSK | 25.29 | 23.77 | 0.238 | 77.15 | 77M2W7D |
| | QPSK | 25.41 | 23.89 | 0.245 | 77.059 | 77M1G7D |
| | 16QAM | 23.44 | 21.92 | 0.156 | 86.722 | 86M7G7D |
| | 64QAM | 22.30 | 20.78 | 0.120 | 86.903 | 86M9G7D |
| | 256QAM | 19.79 | 18.27 | 0.067 | 86.773 | 86M8W7D |

| n78(3450-3550MHz)(PC3) | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 20 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.26 | 20.74 | 0.119 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 30 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.27 | 20.75 | 0.119 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 40 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.39 | 20.87 | 0.122 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 50 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.25 | 20.73 | 0.118 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 60 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.22 | 20.70 | 0.117 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 256QAM | / | / | / | / | / |
| 70 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.36 | 20.84 | 0.121 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 80 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.36 | 20.84 | 0.121 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 90 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.25 | 20.73 | 0.118 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 100 | PI/2 BPSK | 22.41 | 20.89 | 0.123 | / | / |
| | QPSK | 22.45 | 20.93 | 0.124 | / | / |
| | 16QAM | 21.51 | 19.99 | 0.100 | / | / |
| | 64QAM | 21.63 | 20.11 | 0.103 | / | / |
| | 256QAM | 19.79 | 18.27 | 0.067 | / | / |

| n78(3700-3800MHz)(PC3) | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Conducted Average (dBm) | EIRP Average (dBm) | EIRP Average (W) | 99% BW (MHz) | Emission Designator |
| 20 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.30 | 20.78 | 0.120 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 30 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.20 | 20.68 | 0.117 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 40 | PI/2 BPSK | / | / | / | / | / |

| | | | | | | |
|---|---|---|---|---|---|---|
| | QPSK | 22.36 | 20.84 | 0.121 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 50 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.29 | 20.77 | 0.119 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 60 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.24 | 20.72 | 0.118 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 70 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.26 | 20.74 | 0.119 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 80 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.31 | 20.79 | 0.120 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 90 | PI/2 BPSK | / | / | / | / | / |
| | QPSK | 22.30 | 20.78 | 0.120 | / | / |
| | 16QAM | / | / | / | / | / |
| | 64QAM | / | / | / | / | / |
| | 256QAM | / | / | / | / | / |
| 100 | PI/2 BPSK | 22.28 | 20.76 | 0.119 | / | / |
| | QPSK | 22.49 | 20.97 | 0.125 | / | / |
| | 16QAM | 21.56 | 20.04 | 0.101 | / | / |
| | 64QAM | 21.62 | 20.10 | 0.102 | / | / |
| | 256QAM | 19.78 | 18.26 | 0.067 | / | / |

## 1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, Part 24, Part 27, Part 90 and Part96 for the EUT FCC ID Certification:

| No | Identity | Document Title |
|---|---|---|
| 1 | 47 CFR Part 2 | Frequency Allocations and Radio Treaty Matters; General Rules and Regulations |
| 2 | 47 CFR Part 22 | Public Mobile Services |
| 3 | 47 CFR Part 24 | Personal Communications Services |
| 4 | 47 CFR Part 27 | Miscellaneous Wireless Communications Services |
| 5 | 47 CFR Part 90 | Miscellaneous Wireless Communications Services |
| 6 | 47 CFR Part 96 | CITIZENS BROADBAND RADIO SERVICE |

| n2 & n25 | | | |
|---|---|---|---|
| **Item** | **FCC Rule No.** | **Requirements** | **Result** |
| Effective (Isotropic) Radiated Power Output Data | §2.1046, §24.232(c) | EIRP ≤ 2 W | PASS |
| Peak-Average Ratio | §24.232(d) | Limit≤13 dB | PASS |
| Bandwidth | §2.1049 | OBW: No limit<br>EBW: No limit | PASS |
| Band Edges Compliance | §2.1051, §24.238(a)(b) | Refer to section 2.6 | PASS |
| Spurious Emission at Antenna Terminals | §2.1051, §24.238(a)(b) | ≤ -13 dBm/1MHz | PASS |
| Field Strength of Spurious Radiation | §2.1053, §24.238(a) | ≤ -13 dBm/1MHz | PASS |
| Frequency Stability | §2.1055, §24.235 | No limit | N/A |

Remark: For the verdict, the “N/A” denotes “not applicable”, the “N/T” denotes “not tested”.

| n5& n26(824-849MHz) | | | |
|---|---|---|---|
| **Item** | **FCC Rule No.** | **Requirements** | **Result** |
| Effective (Isotropic) Radiated Power Output Data | §2.1046, §22.913(a)(5) | ERP ≤ 7W | PASS |
| Peak-Average Ratio | N/A | N/A | N/A |

| | | | |
|---|---|---|---|
| Bandwidth | §2.1049 | OBW: No limit<br>EBW: No limit | PASS |
| Band Edges Compliance | §2.1051,<br>§22.917(a)(b) | Refer to section 2.6 | PASS |
| Spurious Emission at Antenna Terminals | §2.1051,<br>§22.917(a) | ≤ -13 dBm/1MHz | PASS |
| Field Strength of Spurious Radiation | §2.1053,<br>§22.917(a) | ≤ -13 dBm/1MHz | PASS |
| Frequency Stability | §2.1055,<br>§22.355 | ≤ ±2.5ppm | PASS |

| **n7 & n41** | | | |
|---|---|---|---|
| **Item** | **FCC Rule No.** | **Requirements** | **Result** |
| Effective (Isotropic) Radiated Power Output Data | §2.1046,<br>§27.50(h)(2) | EIRP ≤2W | PASS |
| Peak-Average Ratio | N/A | N/A | N/A |
| Bandwidth | §2.1049 | OBW: No limit<br>EBW: No limit | PASS |
| Band Edges Compliance | §2.1051,<br>§27.53(m)(4) | Refer to section 2.6 | PASS |
| Spurious Emission at Antenna Terminals | §2.1051,<br>§27.53(m)(4) | ≤ -25 dBm/1MHz | PASS |
| Field Strength of Spurious Radiation | §2.1053,<br>§27.53(m)(4) | ≤ -25 dBm/1MHz | PASS |
| Frequency Stability | §2.1055,<br>§27.54 | No limit | N/A |

| **n26(814-824MHz)** | | | |
|---|---|---|---|
| **Item** | **FCC Rule No.** | **Requirements** | **Result** |
| Effective (Isotropic) Radiated Power Output Data | §2.1046,<br>§90.635(b) | ERP ≤3W | PASS |
| Peak-Average Ratio | N/A | N/A | N/A |
| Bandwidth | §2.1049 | OBW: No limit<br>EBW: No limit | PASS |

| | | | |
|---|---|---|---|
| Band Edges Compliance | §2.1051, §90.691(a) | Refer to section 2.6 | PASS |
| Spurious Emission at Antenna Terminals | §2.1051, §90.691(a) | ≤ -13 dBm/1MHz | PASS |
| Field Strength of Spurious Radiation | §2.1053, §90.691(a) | ≤ -13 dBm/1MHz | PASS |
| Frequency Stability | §2.1055, §90.543 | No limit | N/A |

| n30 | | | |
|---|---|---|---|
| **Item** | **FCC Rule No.** | **Requirements** | **Result** |
| Effective (Isotropic) Radiated Power Output Data | §2.1046, §27.50(a)(3) | ERP ≤250mW | PASS |
| Peak-Average Ratio | N/A | N/A | N/A |
| Bandwidth | §2.1049 | OBW: No limit<br>EBW: No limit | PASS |
| Band Edges Compliance | §2.1051, §27.53(a) | Refer to section 2.6 | PASS |
| Spurious Emission at Antenna Terminals | §2.1051, §27.53 | ≤ -40 dBm/1MHz | PASS |
| Field Strength of Spurious Radiation | §2.1053, §27.53 | ≤ -40 dBm/1MHz | PASS |
| Frequency Stability | §2.1055, §27.54 | No limit | N/A |

| n48 | | | |
|---|---|---|---|
| **Item** | **FCC Rule No.** | **Requirements** | **Result** |
| Effective (Isotropic) Radiated Power Output Data | §2.1046, §96.41(b) | Refer to section 2.1 | PASS |
| Peak-Average Ratio | §96.39(g) | ≤ 13 dB | PASS |
| Bandwidth | §2.1049 | OBW: No limit<br>EBW: No limit | PASS |
| Band Edges Compliance | §2.1051, §96.41(e) | Refer to section 2.6 | PASS |

| | | | |
|---|---|---|---|
| Spurious Emission at Antenna Terminals | §2.1051, §96.41(e) | ≤ -40 dBm/1MHz | PASS |
| Field Strength of Spurious Radiation | §2.1053, §96.41(e) | ≤ -40 dBm/1MHz | PASS |
| Frequency Stability | §2.1055, §27.54 | No limit | N/A |

| n66 | | | |
|---|---|---|---|
| **Item** | **FCC Rule No.** | **Requirements** | **Result** |
| Effective (Isotropic) Radiated Power Output Data | §2.1046, §27.50(d)(4) | EIRP ≤1 W | PASS |
| Peak-Average Ratio | §27.50(d) (5) | Limit≤13 dB | PASS |
| Bandwidth | §2.1049 | OBW: No limit.<br>EBW: No limit. | PASS |
| Band Edges Compliance | §2.1051, §27.53(h)(1) §27.53(h)(3)(i) | Refer to section 2.6 | PASS |
| Spurious Emission at Antenna Terminals | §2.1051, §27.53(h)(1) | ≤ -13 dBm/1MHz | PASS |
| Field Strength of Spurious Radiation | §2.1053, §27.53(h)(1) | ≤ -13 dBm/1MHz. | PASS |
| Frequency Stability | §2.1055, §27.54 | No limit | N/A |

Remark: For the verdict, the “N/A” denotes “not applicable”, the “N/T” denotes “not tested”.

| n71 | | | |
|---|---|---|---|
| **Item** | **FCC Rule No.** | **Requirements** | **Result** |
| Effective (Isotropic) Radiated Power Output Data | §2.1046, §27.50(c)(10) | ERP ≤ 3W | PASS |
| Peak-Average Ratio | N/A | N/A | N/A |
| Bandwidth | §2.1049 | OBW: No limit<br>EBW: No limit | PASS |

| | | | |
|---|---|---|---|
| Band Edges Compliance | §2.1051, §27.53(g) | Refer to section 2.6 | PASS |
| Spurious Emission at Antenna Terminals | §2.1051, §27.53(g) | ≤ -13 dBm/1MHz | PASS |
| Field Strength of Spurious Radiation | §2.1053, §27.53(g) | ≤ -13 dBm/1MHz | PASS |
| Frequency Stability | §2.1055, §27.54 | No limit | N/A |

| **n77(3450~3550MHz) & n78(3450~3550MHz)** | | | |
|---|---|---|---|
| **Item** | **FCC Rule No.** | **Requirements** | **Result** |
| Effective (Isotropic) Radiated Power Output Data | §2.1046, §27.50(K)(3) | EIRP ≤ 1W | PASS |
| Peak-Average Ratio | §27.50(K)(4) | ≤ 13 dB | PASS |
| Bandwidth | §2.1049 | OBW: No limit.<br>EBW: No limit. | PASS |
| Band Edges Compliance | §2.1051, §27.53(l)(2) | Refer to section 2.6 | PASS |
| Spurious Emission at Antenna Terminals | §2.1051, §27.53(l)(2) | ≤ -13 dBm/1MHz | PASS |
| Field Strength of Spurious Radiation | §2.1053, §27.53(l)(2) | ≤ -13 dBm/1MHz. | PASS |
| Frequency Stability | §2.1055, §27.54 | No limit | N/A |

Remark: For the verdict, the “N/A” denotes “not applicable”, the “N/T” denotes “not tested”.

| **n77(3700~3980MHz) & n78(3700~3800MHz)** | | | |
|---|---|---|---|
| **Item** | **FCC Rule No.** | **Requirements** | **Result** |
| Effective (Isotropic) Radiated Power Output Data | §2.1046, §27.50(j)(3) | EIRP ≤ 1W | PASS |
| Peak-Average Ratio | §27.50(j)(4) | ≤ 13 dB | PASS |
| Bandwidth | §2.1049 | OBW: No limit.<br>EBW: No limit. | PASS |

| | | | |
|---|---|---|---|
| Band Edges Compliance | §2.1051, §27.53(n)(2) | Refer to section 2.6 | PASS |
| Spurious Emission at Antenna Terminals | §2.1051, §27.53(n)(2) | ≤ -13 dBm/1MHz | PASS |
| Field Strength of Spurious Radiation | §2.1053, §27.53(m)(4) | ≤ -13 dBm/1MHz. | PASS |
| Frequency Stability | §2.1055, §27.54 | No limit | N/A |

Remark: For the verdict, the “N/A” denotes “not applicable”, the “N/T” denotes “not tested”.

Test detailed items/section required by FCC rules and results are as below:

| Test Item | Test Engineer | Result | Method Determination /Remark |
|---|---|---|---|
| Transmitter Conducted Output Power and ERP/EIRP | Gan Jing | PASS | Nodeviation |
| Occupied Bandwidth | Gan Jing | PASS | Nodeviation |
| Frequency Stability | Gan Jing | PASS | Nodeviation |
| Peak to Average Radio | Gan Jing | PASS | Nodeviation |
| Conducted Spurious Emissions | Gan Jing | PASS | Nodeviation |
| Band Edge | Gan Jing | PASS | Nodeviation |
| Radiated Spurious Emissions | Yang Lian | PASS | Nodeviation |

**Note 1:** The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016.

**Note 2:** Additions to, deviation, or exclusions from the method shall be judged in the “method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table.

**Note 3:** The declared of product specification for EUT presented in the report are provided by manufacturer and the test laboratory is not responsible for the accuracy of the information.

**Note 4:** When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.

## 1.5. Environmental Conditions

During the measurement, the environmental conditions were within the listed ranges:

| | |
|---|---|
| Temperature (°C): | 15 - 35 |
| Relative Humidity (%): | 30 - 60 |

# 2. Summary Test Results And Description

## 2.1. Transmitter Conducted Output Power

### 2.1.1. Requirement

According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in FCC section 2.1033(c)(8).

According to FCC section 24.232 (c) for n2, n25, the ERP of Mobile and portable stations are limited to 2 watts EIRP.

According to FCC section 27.50 (d)(4) for n66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

According to FCC section 22.913 (a)(5) for n5, n26(824-849MHz), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for n7, n41, mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

According to FCC section 27.50(c)(10) for n12, n71, Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

According to FCC section 90.635(b) for n26 (814-824MHz), the maximum output power of the transmitter for mobile stations is 100 watts.

According to FCC section 27.50 (a)(3)for n30, Mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average E.I.R.P. must not exceed 50 mill watts within any 1 megahertz of authorized bandwidth.

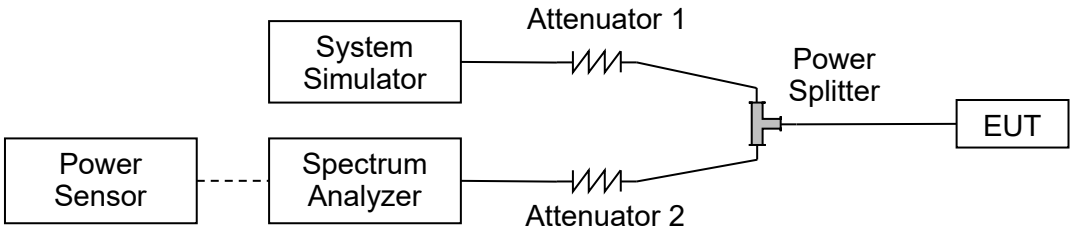
According to FCC section 96.41(b) for n48, the maximum effective isotropic radiated power (EIRP) and maximum Power Spectral Density (PSD) of any CBSD and End User Device must comply with the limits shown in the table as below. Paragraph

| Device | Maximum EIRP (dBm/10 megahertz) | Maximum PSD (dBm/MHz) |
|---|---|---|
| End User Device | 23 | n/a |
| Category A CBSD | 30 | 20 |
| Category B CBSD[1] | 47 | 37 |

According to FCC section 27.50(j)(3) for n77(3700-3980MHz), n78(3700-3800MHz), mobile and portable stations are limited to 1 Watt EIRP. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

According to FCC section 27.50(k)(3) for n77, n78(3450-3550MHz),Mobile devices are limited to 1Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

## 2.1.2.Test Description




The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

## 2.1.3.Test procedure

KDB 971168 D01v03 Section 5.2 and ANSI/TIA-603-E-2016.

## 2.1.4.Conducted Output Power

**Worse case:**

| n2 (PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 372000 | 376000 | 380000 |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.60 | 23.45 | 23.36 |
| 20 | | 1 | 53 | 23.58 | 23.21 | 23.13 |
| 20 | | 1 | 104 | 23.46 | 23.36 | 23.15 |
| 20 | | 50 | 1 | 23.73 | 23.42 | 23.33 |
| 20 | | 50 | 25 | 23.73 | 23.24 | 23.26 |
| 20 | | 50 | 50 | 23.62 | 23.20 | 23.32 |
| 20 | | 100 | 0 | 23.64 | 23.26 | 23.29 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.65 | 23.75 | 23.41 |
| 20 | | 1 | 53 | 23.67 | 23.56 | 23.21 |
| 20 | | 1 | 104 | 23.19 | 23.38 | 23.28 |
| 20 | | 50 | 1 | 23.64 | 23.73 | 23.38 |
| 20 | | 50 | 25 | 23.63 | 23.64 | 23.32 |
| 20 | | 50 | 50 | 23.60 | 23.22 | 23.14 |
| 20 | | 100 | 0 | 23.60 | 23.62 | 23.24 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.20 | 23.05 | 22.94 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.94 | 21.82 | 21.62 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.86 | 19.67 | 19.49 |
| 20 | CP-OFDM QPSK | 1 | 1 | 23.02 | 22.80 | 22.65 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.47 | 22.31 | 22.17 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.12 | 20.43 | 20.38 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.94 | 17.69 | 17.53 |
| Channel | | | | 371500 | 376000 | 380500 |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.45 | 23.70 | 23.25 |
| Channel | | | | 371000 | 376000 | 381000 |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.47 | 23.73 | 23.23 |
| Channel | | | | 370500 | 376000 | 381500 |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.57 | 23.72 | 23.25 |

| n5 (PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 166800 | 167300 | 167800 |
| Frequency (MHz) | | | | 834 | 836.5 | 839 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.65 | 23.67 | 23.63 |
| 20 | | 1 | 53 | 23.53 | 23.45 | 23.47 |
| 20 | | 1 | 104 | 23.24 | 23.22 | 23.35 |
| 20 | | 50 | 1 | 23.67 | 23.66 | 23.58 |
| 20 | | 50 | 25 | 23.59 | 23.58 | 23.44 |
| 20 | | 50 | 50 | 23.51 | 23.43 | 23.40 |
| 20 | | 100 | 0 | 23.61 | 23.61 | 23.49 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.65 | 23.68 | 23.62 |
| 20 | | 1 | 53 | 23.45 | 23.52 | 23.47 |
| 20 | | 1 | 104 | 23.26 | 23.28 | 23.25 |
| 20 | | 50 | 1 | 23.60 | 23.62 | 23.54 |
| 20 | | 50 | 25 | 23.61 | 23.60 | 23.54 |
| 20 | | 50 | 50 | 23.51 | 23.48 | 23.37 |
| 20 | | 100 | 0 | 23.51 | 23.60 | 23.51 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.46 | 23.31 | 23.23 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.77 | 21.73 | 21.68 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.73 | 19.65 | 19.55 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.86 | 22.77 | 22.70 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.29 | 22.24 | 22.22 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.52 | 20.34 | 20.12 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.67 | 17.73 | 17.68 |
| Channel | | | | 166300 | 167300 | 168300 |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.44 | 23.45 | 23.27 |
| Channel | | | | 165800 | 167300 | 168800 |
| Frequency (MHz) | | | | 829 | 836.5 | 844 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.36 | 23.38 | 23.22 |
| Channel | | | | 165300 | 167300 | 169300 |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.42 | 23.44 | 23.09 |

| n7(PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 502000 | 507000 | 512000 |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.39 | 23.36 | 23.61 |
| 20 | | 1 | 53 | 23.33 | 23.49 | 23.66 |
| 20 | | 1 | 104 | 23.37 | 23.50 | 23.56 |
| 20 | | 50 | 1 | 23.28 | 23.40 | 23.51 |
| 20 | | 50 | 25 | 23.24 | 23.43 | 23.63 |
| 20 | | 50 | 50 | 23.29 | 23.46 | 23.52 |
| 20 | | 100 | 0 | 23.25 | 23.44 | 23.52 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.42 | 23.53 | 23.68 |
| 20 | | 1 | 53 | 23.31 | 23.47 | 23.59 |
| 20 | | 1 | 104 | 23.40 | 23.52 | 23.66 |
| 20 | | 50 | 1 | 23.41 | 23.50 | 23.65 |
| 20 | | 50 | 25 | 23.23 | 23.37 | 23.59 |
| 20 | | 50 | 50 | 23.30 | 23.39 | 23.58 |
| 20 | | 100 | 0 | 23.30 | 23.41 | 23.61 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.99 | 23.03 | 23.27 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.42 | 21.43 | 21.74 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.05 | 19.06 | 19.31 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.36 | 22.44 | 22.67 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.82 | 21.90 | 22.16 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.17 | 20.15 | 20.43 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.09 | 17.18 | 17.45 |
| Channel | | | | 503000 | 507000 | 511000 |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.24 | 23.28 | 23.52 |
| Channel | | | | 502500 | 507000 | 511500 |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.13 | 23.30 | 23.52 |
| Channel | | | | 502000 | 507000 | 512000 |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.22 | 23.25 | 23.49 |

| n25(ANT5) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 372000 | 376500 | 381000 |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.67 | 23.68 | 23.42 |
| 20 | | 1 | 53 | 23.78 | 23.50 | 23.33 |
| 20 | | 1 | 104 | 23.57 | 23.32 | 23.35 |
| 20 | | 50 | 1 | 23.80 | 23.63 | 23.38 |
| 20 | | 50 | 25 | 23.72 | 23.53 | 23.46 |
| 20 | | 50 | 50 | 23.67 | 23.46 | 23.46 |
| 20 | | 100 | 0 | 23.72 | 23.47 | 23.41 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.81 | 23.76 | 23.60 |
| 20 | | 1 | 53 | 23.72 | 23.64 | 23.50 |
| 20 | | 1 | 104 | 23.68 | 23.55 | 23.53 |
| 20 | | 50 | 1 | 23.78 | 23.69 | 23.55 |
| 20 | | 50 | 25 | 23.68 | 23.57 | 23.47 |
| 20 | | 50 | 50 | 23.67 | 23.48 | 23.44 |
| 20 | | 100 | 0 | 23.67 | 23.65 | 23.46 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.66 | 23.50 | 23.43 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 22.19 | 22.13 | 21.89 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.95 | 19.92 | 19.61 |
| 20 | CP-OFDM QPSK | 1 | 1 | 23.18 | 23.08 | 22.92 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.33 | 22.16 | 22.12 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.94 | 20.89 | 20.58 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.94 | 17.83 | 17.67 |
| Channel | | | | 373000 | 376500 | 380000 |
| Frequency (MHz) | | | | 1865 | 1882.5 | 1900 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.72 | 23.70 | 23.20 |
| Channel | | | | 372500 | 376500 | 380500 |
| Frequency (MHz) | | | | 1862.5 | 1882.5 | 1902.5 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.72 | 23.55 | 22.98 |
| Channel | | | | 372000 | 376500 | 381000 |
| Frequency (MHz) | | | | 1860 | 1882.5 | 1905 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.78 | 23.50 | 22.99 |

| n26(814-824MHz)(PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | / | 163800 | / |
| Frequency (MHz) | | | | / | 819 | / |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 23.54 | / |
| 10 | | 1 | 53 | / | 23.69 | / |
| 10 | | 1 | 104 | / | 23.79 | / |
| 10 | | 50 | 1 | / | 23.64 | / |
| 10 | | 50 | 25 | / | 23.71 | / |
| 10 | | 50 | 50 | / | 23.79 | / |
| 10 | | 100 | 0 | / | 23.72 | / |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | / | 23.90 | / |
| 10 | | 1 | 53 | / | 23.71 | / |
| 10 | | 1 | 104 | / | 23.81 | / |
| 10 | | 50 | 1 | / | 23.86 | / |
| 10 | | 50 | 25 | / | 23.68 | / |
| 10 | | 50 | 50 | / | 23.75 | / |
| 10 | | 100 | 0 | / | 23.84 | / |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.17 | / |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.95 | / |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | / | 19.83 | / |
| 10 | CP-OFDM QPSK | 1 | 1 | / | 22.87 | / |
| 10 | CP-OFDM 16QAM | 1 | 1 | / | 22.08 | / |
| 10 | CP-OFDM 64QAM | 1 | 1 | / | 20.78 | / |
| 10 | CP-OFDM 256QAM | 1 | 1 | / | 17.85 | / |
| Channel | | | | 163300 | 163800 | 164300 |
| Frequency (MHz) | | | | 816.5 | 819 | 821.5 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.76 | 23.84 | 23.71 |

| n26(824-849MHz)(PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 166800 | 167300 | 167800 |
| Frequency (MHz) | | | | 834 | 836.5 | 839 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.85 | 23.84 | 23.87 |
| 20 | | 1 | 53 | 23.83 | 23.82 | 23.81 |
| 20 | | 1 | 104 | 23.65 | 23.67 | 23.80 |
| 20 | | 50 | 1 | 23.90 | 23.89 | 23.91 |
| 20 | | 50 | 25 | 23.87 | 23.87 | 23.81 |
| 20 | | 50 | 50 | 23.80 | 23.81 | 23.80 |
| 20 | | 100 | 0 | 23.90 | 23.87 | 23.80 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.90 | 23.94 | 23.86 |
| 20 | | 1 | 53 | 23.82 | 23.86 | 23.76 |
| 20 | | 1 | 104 | 23.69 | 23.70 | 23.87 |
| 20 | | 50 | 1 | 23.89 | 23.91 | 23.88 |
| 20 | | 50 | 25 | 23.89 | 23.81 | 23.82 |
| 20 | | 50 | 50 | 23.84 | 23.79 | 23.77 |
| 20 | | 100 | 0 | 23.87 | 23.91 | 23.83 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.80 | 23.81 | 23.76 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 22.30 | 22.32 | 22.29 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.23 | 20.35 | 20.31 |
| 20 | CP-OFDM QPSK | 1 | 1 | 23.28 | 23.29 | 23.25 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.77 | 22.80 | 22.79 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 21.12 | 21.15 | 21.11 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 18.29 | 18.35 | 18.37 |
| Channel | | | | 166300 | 167300 | 168300 |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.84 | 23.86 | 23.77 |
| Channel | | | | 165800 | 167300 | 168800 |
| Frequency (MHz) | | | | 829 | 836.5 | 844 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.83 | 23.72 | 23.70 |
| Channel | | | | 165300 | 167300 | 169300 |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.79 | 23.75 | 23.54 |

| n30（PC3） | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | / | 462000 | / |
| Frequency (MHz) | | | | / | 2310 | / |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 23.34 | / |
| 10 | | 1 | 53 | / | 23.46 | / |
| 10 | | 1 | 104 | / | 23.38 | / |
| 10 | | 50 | 1 | / | 23.48 | / |
| 10 | | 50 | 25 | / | 23.49 | / |
| 10 | | 50 | 50 | / | 23.43 | / |
| 10 | | 100 | 0 | / | 23.48 | / |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | / | 23.56 | / |
| 10 | | 1 | 53 | / | 23.45 | / |
| 10 | | 1 | 104 | / | 23.36 | / |
| 10 | | 50 | 1 | / | 23.52 | / |
| 10 | | 50 | 25 | / | 23.48 | / |
| 10 | | 50 | 50 | / | 23.42 | / |
| 10 | | 100 | 0 | / | 23.47 | / |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.27 | / |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.87 | / |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | / | 19.53 | / |
| 10 | CP-OFDM QPSK | 1 | 1 | / | 22.77 | / |
| 10 | CP-OFDM 16QAM | 1 | 1 | / | 22.24 | / |
| 10 | CP-OFDM 64QAM | 1 | 1 | / | 19.56 | / |
| 10 | CP-OFDM 256QAM | 1 | 1 | / | 17.55 | / |

| n41（PC2） | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 509202 | 518598 | 528000 |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 26.18 | 26.47 | 26.54 |
| 100 | | 1 | 136 | 26.45 | 26.51 | 26.45 |
| 100 | | 1 | 271 | 26.57 | 26.56 | 26.61 |
| 100 | | 135 | 1 | 26.28 | 26.40 | 26.36 |
| 100 | | 135 | 67 | 26.51 | 26.57 | 26.50 |
| 100 | | 135 | 136 | 26.41 | 26.36 | 26.29 |
| 100 | | 270 | 0 | 26.43 | 26.55 | 26.46 |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 26.13 | 26.69 | 26.48 |
| 100 | | 1 | 136 | 26.35 | 26.41 | 26.41 |
| 100 | | 1 | 271 | 26.42 | 26.46 | 26.43 |
| 100 | | 135 | 1 | 26.29 | 26.44 | 26.46 |
| 100 | | 135 | 67 | 26.49 | 26.62 | 26.58 |
| 100 | | 135 | 136 | 26.42 | 26.47 | 26.34 |
| 100 | | 270 | 0 | 26.42 | 26.57 | 26.45 |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 25.09 | 25.28 | 25.39 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 23.70 | 23.97 | 23.98 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 21.45 | 21.67 | 21.80 |
| 100 | CP-OFDM QPSK | 1 | 1 | 24.71 | 24.88 | 24.95 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 24.20 | 24.45 | 24.54 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 22.31 | 22.42 | 22.41 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 19.52 | 19.80 | 19.84 |
| Channel | | | | 508200 | 518598 | 528996 |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 26.10 | 26.50 | 26.42 |
| Channel | | | | 507204 | 518598 | 529998 |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 26.17 | 26.56 | 26.48 |
| Channel | | | | 506202 | 518598 | 531000 |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 26.17 | 26.60 | 26.48 |
| Channel | | | | 505200 | 518598 | 531996 |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 26.22 | 26.57 | 26.53 |
| Channel | | | | 504204 | 518598 | 532998 |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 26.36 | 26.67 | 26.57 |
| Channel | | | | 503202 | 518598 | 534000 |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 26.34 | 26.65 | 26.62 |
| Channel | | | | 502200 | 518598 | 534996 |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 26.25 | 26.65 | 26.49 |
| Channel | | | | 501204 | 518598 | 535998 |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 26.32 | 26.64 | 26.54 |

| n41(PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 509202 | 518598 | 528000 |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.72 | 23.82 | 23.95 |
| 100 | | 1 | 136 | 23.87 | 23.83 | 23.78 |
| 100 | | 1 | 271 | 23.84 | 23.76 | 23.46 |
| 100 | | 135 | 1 | 23.82 | 23.95 | 23.92 |
| 100 | | 135 | 67 | 23.90 | 23.83 | 23.82 |
| 100 | | 135 | 136 | 23.95 | 23.89 | 23.44 |
| 100 | | 270 | 0 | 23.87 | 23.91 | 23.87 |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 23.79 | 23.98 | 23.92 |
| 100 | | 1 | 136 | 23.89 | 23.89 | 23.73 |
| 100 | | 1 | 271 | 23.85 | 23.77 | 23.39 |
| 100 | | 135 | 1 | 23.84 | 23.84 | 23.90 |
| 100 | | 135 | 67 | 23.88 | 23.97 | 23.83 |
| 100 | | 135 | 136 | 23.93 | 23.89 | 23.45 |
| 100 | | 270 | 0 | 23.51 | 23.83 | 23.53 |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 22.83 | 22.95 | 23.10 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 22.90 | 23.05 | 23.11 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 21.20 | 21.28 | 21.38 |
| 100 | CP-OFDM QPSK | 1 | 1 | 22.92 | 23.02 | 23.06 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 22.99 | 23.06 | 23.17 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 22.04 | 22.13 | 22.25 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 19.34 | 19.36 | 19.41 |
| Channel | | | | 508200 | 518598 | 528996 |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 23.36 | 23.85 | 23.58 |
| Channel | | | | 507204 | 518598 | 529998 |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.36 | 23.85 | 23.58 |
| Channel | | | | 506202 | 518598 | 531000 |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.36 | 23.85 | 23.58 |
| Channel | | | | 505200 | 518598 | 531996 |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 23.36 | 23.85 | 23.58 |
| Channel | | | | 504204 | 518598 | 532998 |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 23.36 | 23.85 | 23.58 |
| Channel | | | | 503202 | 518598 | 534000 |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.36 | 23.85 | 23.58 |
| Channel | | | | 502200 | 518598 | 534996 |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 23.36 | 23.85 | 23.58 |
| Channel | | | | 501204 | 518598 | 535998 |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.36 | 23.85 | 23.58 |

| n48 (PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 638000 | 641666 | 645332 |
| Frequency (MHz) | | | | 3570 | 3624.99 | 3679.98 |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.51 | 22.28 | 22.05 |
| 40 | | 1 | 53 | 22.45 | 21.66 | 22.19 |
| 40 | | 1 | 104 | 22.22 | 21.96 | 22.48 |
| 40 | | 50 | 1 | 22.49 | 21.96 | 22.09 |
| 40 | | 50 | 25 | 22.47 | 21.76 | 22.22 |
| 40 | | 50 | 50 | 22.25 | 21.77 | 22.21 |
| 40 | | 100 | 0 | 22.36 | 21.82 | 22.16 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.53 | 22.40 | 22.25 |
| 40 | | 1 | 53 | 22.45 | 21.67 | 22.22 |
| 40 | | 1 | 104 | 22.22 | 22.32 | 22.10 |
| 40 | | 50 | 1 | 22.52 | 22.39 | 22.32 |
| 40 | | 50 | 25 | 22.46 | 22.27 | 22.11 |
| 40 | | 50 | 50 | 22.31 | 22.26 | 22.23 |
| 40 | | 100 | 0 | 22.47 | 22.38 | 22.29 |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 22.45 | 22.16 | 21.96 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 20.95 | 20.82 | 20.49 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 18.79 | 18.58 | 18.27 |
| 40 | CP-OFDM QPSK | 1 | 1 | 22.03 | 21.33 | 21.50 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 21.52 | 21.44 | 21.05 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 40 | CP-OFDM 64QAM | 1 | 1 | 19.60 | 19.51 | 19.12 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 16.82 | 16.55 | 16.38 |
| Channel | | | | 637334 | 641666 | 646000 |
| Frequency (MHz) | | | | 3560.01 | 3624.99 | 3690 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.43 | 22.20 | 21.97 |

| n66 (PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.46 | 23.54 | 23.70 |
| 20 | | 1 | 53 | 23.36 | 23.49 | 23.75 |
| 20 | | 1 | 104 | 23.52 | 23.65 | 23.68 |
| 20 | | 50 | 1 | 23.50 | 23.61 | 23.79 |
| 20 | | 50 | 25 | 23.44 | 23.63 | 23.89 |
| 20 | | 50 | 50 | 23.38 | 23.59 | 23.82 |
| 20 | | 100 | 0 | 23.46 | 23.57 | 23.84 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.85 | 23.86 | 24.00 |
| 20 | | 1 | 53 | 23.57 | 23.67 | 23.98 |
| 20 | | 1 | 104 | 23.54 | 23.75 | 23.93 |
| 20 | | 50 | 1 | 23.81 | 23.89 | 23.96 |
| 20 | | 50 | 25 | 23.61 | 23.81 | 23.95 |
| 20 | | 50 | 50 | 23.62 | 23.70 | 23.89 |
| 20 | | 100 | 0 | 23.72 | 23.92 | 23.95 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.25 | 23.33 | 23.42 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.79 | 21.82 | 22.09 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.51 | 19.58 | 19.82 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.74 | 22.82 | 22.95 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.16 | 22.30 | 22.43 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.46 | 20.60 | 20.63 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.54 | 17.68 | 17.78 |
| Channel | | | | 343500 | 349000 | 354500 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.57 | 23.65 | 23.93 |
| Channel | | | | 343000 | 349000 | 355000 |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.48 | 23.60 | 23.75 |
| Channel | | | | 342500 | 349000 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.53 | 23.62 | 23.79 |

| n71（PC3） | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 134600 | 136100 | 137600 |
| Frequency (MHz) | | | | 673 | 680.5 | 688 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.49 | 23.48 | 23.57 |
| 20 | | 1 | 53 | 23.48 | 23.61 | 23.65 |
| 20 | | 1 | 104 | 23.55 | 23.63 | 23.46 |
| 20 | | 50 | 1 | 23.58 | 23.58 | 23.61 |
| 20 | | 50 | 25 | 23.51 | 23.62 | 23.57 |
| 20 | | 50 | 50 | 23.53 | 23.65 | 23.62 |
| 20 | | 100 | 0 | 23.58 | 23.56 | 23.53 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.75 | 23.73 | 23.79 |
| 20 | | 1 | 53 | 23.43 | 23.54 | 23.60 |
| 20 | | 1 | 104 | 23.48 | 23.52 | 23.38 |
| 20 | | 50 | 1 | 23.57 | 23.63 | 23.72 |
| 20 | | 50 | 25 | 23.53 | 23.58 | 23.59 |
| 20 | | 50 | 50 | 23.58 | 23.55 | 23.58 |
| 20 | | 100 | 0 | 23.56 | 23.52 | 23.67 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.20 | 23.05 | 23.17 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.68 | 21.62 | 21.72 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.29 | 19.25 | 19.23 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.79 | 22.70 | 22.67 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.19 | 22.05 | 22.07 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.36 | 20.59 | 20.66 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.30 | 17.24 | 17.35 |
| Channel | | | | 134100 | 136100 | 138100 |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.52 | 23.45 | 23.65 |
| Channel | | | | 133600 | 136100 | 138600 |
| Frequency (MHz) | | | | 668 | 680.5 | 693 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.61 | 23.55 | 23.63 |
| Channel | | | | 133100 | 136100 | 139100 |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.53 | 23.54 | 23.55 |

| n77(3450-3550MHz) (PC2) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | / | 633334 | / |
| Frequency (MHz) | | | | / | 3500.01 | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 25.51 | / |
| 100 | | 1 | 136 | / | 25.28 | / |
| 100 | | 1 | 271 | / | 25.16 | / |
| 100 | | 135 | 1 | / | 24.90 | / |
| 100 | | 135 | 67 | / | 24.96 | / |
| 100 | | 135 | 136 | / | 24.71 | / |
| 100 | | 270 | 0 | / | 24.96 | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | 25.60 | / |
| 100 | | 1 | 136 | / | 25.32 | / |
| 100 | | 1 | 271 | / | 24.97 | / |
| 100 | | 135 | 1 | / | 25.07 | / |
| 100 | | 135 | 67 | / | 25.51 | / |
| 100 | | 135 | 136 | / | 25.17 | / |
| 100 | | 270 | 0 | / | 25.43 | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | 24.08 | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | 22.71 | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.51 | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | 23.71 | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | 23.30 | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | 21.14 | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | 18.65 | / |
| Channel | | | | 632668 | 633334 | 634000 |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 25.29 | 25.46 | 25.03 |
| Channel | | | | 632000 | 633334 | 634666 |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3519.99 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 25.29 | 25.46 | 25.03 |
| Channel | | | | 631334 | 633334 | 635332 |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3529.98 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 25.29 | 25.46 | 25.03 |
| Channel | | | | 631000 | 633334 | 635666 |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3534.99 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 25.29 | 25.46 | 25.03 |
| Channel | | | | 630668 | 633334 | 636000 |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 25.29 | 25.46 | 25.03 |

| n77(3700-3980MHz) (PC2) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 650000 | 656000 | 662000 |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.95 | 25.13 | 24.70 |
| 100 | | 1 | 136 | 25.44 | 24.80 | 24.68 |
| 100 | | 1 | 271 | 25.41 | 25.40 | 25.49 |
| 100 | | 135 | 1 | 25.03 | 25.27 | 24.96 |
| 100 | | 135 | 67 | 25.43 | 24.84 | 25.50 |
| 100 | | 135 | 136 | 24.85 | 24.75 | 25.39 |
| 100 | | 270 | 0 | 24.85 | 24.70 | 24.60 |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 25.49 | 25.37 | 25.46 |
| 100 | | 1 | 136 | 25.40 | 24.94 | 24.81 |
| 100 | | 1 | 271 | 24.44 | 24.65 | 24.94 |
| 100 | | 135 | 1 | 24.64 | 24.94 | 24.99 |
| 100 | | 135 | 67 | 25.44 | 25.32 | 25.23 |
| 100 | | 135 | 136 | 24.83 | 24.94 | 25.39 |
| 100 | | 270 | 0 | 25.34 | 25.36 | 25.27 |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 23.54 | 23.68 | 23.12 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 22.20 | 22.28 | 21.77 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 19.92 | 19.96 | 19.57 |
| 100 | CP-OFDM QPSK | 1 | 1 | 23.18 | 23.15 | 22.76 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 22.68 | 22.65 | 22.28 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 21.55 | 21.50 | 20.86 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 17.99 | 17.99 | 17.61 |
| Channel | | | | 649334 | 656000 | 662666 |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 25.12 | 25.08 | 25.03 |
| Channel | | | | 648668 | 656000 | 663332 |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 25.12 | 25.08 | 25.03 |
| Channel | | | | 648000 | 656000 | 664000 |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 25.12 | 25.08 | 25.03 |
| Channel | | | | 647668 | 656000 | 664332 |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3964.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 25.12 | 25.08 | 25.03 |
| Channel | | | | 647334 | 656000 | 664666 |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 25.12 | 25.08 | 25.03 |

| n77(3450-3550MHz) (PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | / | 633334 | / |
| Frequency (MHz) | | | | / | 3500.01 | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 22.37 | / |
| 100 | | 1 | 136 | / | 22.02 | / |
| 100 | | 1 | 271 | / | 22.13 | / |
| 100 | | 135 | 1 | / | 22.17 | / |
| 100 | | 135 | 67 | / | 22.13 | / |
| 100 | | 135 | 136 | / | 21.83 | / |
| 100 | | 270 | 0 | / | 22.19 | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | 22.47 | / |
| 100 | | 1 | 136 | / | 22.08 | / |
| 100 | | 1 | 271 | / | 22.20 | / |
| 100 | | 135 | 1 | / | 22.20 | / |
| 100 | | 135 | 67 | / | 22.38 | / |
| 100 | | 135 | 136 | / | 21.88 | / |
| 100 | | 270 | 0 | / | 22.29 | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | 22.03 | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.46 | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.44 | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | 22.15 | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | 22.13 | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | 21.23 | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | 18.44 | / |
| Channel | | | | 632668 | 633334 | 634000 |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.16 | 22.35 | 22.09 |
| Channel | | | | 632000 | 633334 | 634666 |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3519.99 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.16 | 22.35 | 22.09 |
| Channel | | | | 631334 | 633334 | 635332 |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3529.98 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.16 | 22.35 | 22.09 |
| Channel | | | | 631000 | 633334 | 635666 |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3534.99 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 22.16 | 22.35 | 22.09 |
| Channel | | | | 630668 | 633334 | 636000 |

| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 |
|---|---|---|---|---|---|---|
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.16 | 22.35 | 22.09 |

| n77(3700-3980MHz) (PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 650000 | 656000 | 662000 |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 21.75 | 22.18 | 22.22 |
| 100 | | 1 | 136 | 22.42 | 21.90 | 22.20 |
| 100 | | 1 | 271 | 22.22 | 22.00 | 22.10 |
| 100 | | 135 | 1 | 22.35 | 21.94 | 22.17 |
| 100 | | 135 | 67 | 22.26 | 21.99 | 22.26 |
| 100 | | 135 | 136 | 22.15 | 21.68 | 22.27 |
| 100 | | 270 | 0 | 22.18 | 21.93 | 22.26 |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 22.44 | 22.30 | 22.35 |
| 100 | | 1 | 136 | 22.39 | 21.88 | 22.19 |
| 100 | | 1 | 271 | 22.23 | 22.41 | 22.19 |
| 100 | | 135 | 1 | 21.99 | 22.32 | 22.07 |
| 100 | | 135 | 67 | 22.23 | 22.38 | 22.24 |
| 100 | | 135 | 136 | 22.11 | 22.02 | 22.27 |
| 100 | | 270 | 0 | 22.11 | 22.02 | 22.28 |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 21.56 | 21.55 | 21.40 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 21.52 | 21.57 | 21.35 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 19.97 | 20.41 | 20.06 |
| 100 | CP-OFDM QPSK | 1 | 1 | 21.64 | 21.59 | 21.54 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 21.74 | 21.66 | 21.62 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 20.77 | 20.75 | 20.80 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 17.90 | 18.36 | 17.82 |
| Channel | | | | 649334 | 656000 | 662666 |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3939.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 21.98 | 21.90 | 22.07 |
| Channel | | | | 648668 | 656000 | 663332 |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3949.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 21.84 | 21.80 | 21.97 |
| Channel | | | | 648000 | 656000 | 664000 |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.12 | 21.87 | 22.23 |
| Channel | | | | 647668 | 656000 | 664332 |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3964.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 21.98 | 21.87 | 22.32 |

| Channel | | | | 647334 | 656000 | 664666 |
|---|---|---|---|---|---|---|
| Frequency (MHz) | | | | 3710.01 | 3840 | 3969.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.92 | 21.94 | 22.16 |

| n78(3450-3550MHz)(PC2) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | / | 633334 | / |
| Frequency (MHz) | | | | / | 3500.01 | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 25.38 | / |
| 100 | | 1 | 136 | / | 25.24 | / |
| 100 | | 1 | 271 | / | 25.21 | / |
| 100 | | 135 | 1 | / | 24.96 | / |
| 100 | | 135 | 67 | / | 25.13 | / |
| 100 | | 135 | 136 | / | 24.92 | / |
| 100 | | 270 | 0 | / | 25.07 | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | 25.51 | / |
| 100 | | 1 | 136 | / | 25.42 | / |
| 100 | | 1 | 271 | / | 25.15 | / |
| 100 | | 135 | 1 | / | 25.02 | / |
| 100 | | 135 | 67 | / | 25.46 | / |
| 100 | | 135 | 136 | / | 25.13 | / |
| 100 | | 270 | 0 | / | 25.43 | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.74 | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | 22.50 | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.20 | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | 23.43 | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | 22.91 | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | 21.85 | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | 18.22 | / |
| Channel | | | | 633000 | 633334 | 633666 |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3504.99 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 25.10 | 25.33 | 25.08 |
| Channel | | | | 632668 | 633334 | 634000 |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 25.10 | 25.33 | 25.08 |
| Channel | | | | 632334 | 633334 | 634332 |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3514.98 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 25.10 | 25.33 | 25.08 |
| Channel | | | | 632000 | 633334 | 634666 |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3519.99 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 25.10 | 25.33 | 25.08 |
| Channel | | | | 631668 | 633334 | 635000 |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 25.10 | 25.33 | 25.08 |
| Channel | | | | 631334 | 633334 | 635332 |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3529.98 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 25.10 | 25.33 | 25.08 |
| Channel | | | | 631000 | 633334 | 635666 |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3534.99 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 25.10 | 25.33 | 25.08 |
| Channel | | | | 630668 | 633334 | 636000 |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 25.10 | 25.33 | 25.08 |

| n78(3700-3800MHz)(PC2) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | / | 650000 | / |
| Frequency (MHz) | | | | / | 3750.00 | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 25.29 | / |
| 100 | | 1 | 136 | / | 25.13 | / |
| 100 | | 1 | 271 | / | 25.24 | / |
| 100 | | 135 | 1 | / | 25.17 | / |
| 100 | | 135 | 67 | / | 25.21 | / |
| 100 | | 135 | 136 | / | 25.18 | / |
| 100 | | 270 | 0 | / | 24.96 | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | 25.41 | / |
| 100 | | 1 | 136 | / | 25.14 | / |
| 100 | | 1 | 271 | / | 25.03 | / |
| 100 | | 135 | 1 | / | 24.95 | / |
| 100 | | 135 | 67 | / | 25.38 | / |
| 100 | | 135 | 136 | / | 25.15 | / |
| 100 | | 270 | 0 | / | 25.29 | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.44 | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | 22.30 | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | 19.79 | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | 23.35 | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | 22.43 | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | 20.26 | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | 17.77 | / |
| Channel | | | | 649668 | 650000 | 650332 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.26 | 25.06 |
| Channel | | | | 649334 | 650000 | 650666 |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.26 | 25.06 |
| Channel | | | | 649000 | 650000 | 651000 |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.26 | 25.06 |
| Channel | | | | 648668 | 650000 | 651332 |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.26 | 25.06 |
| Channel | | | | 648334 | 650000 | 651666 |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.26 | 25.06 |
| Channel | | | | 648000 | 650000 | 652000 |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.26 | 25.06 |
| Channel | | | | 647668 | 650000 | 652332 |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3784.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.26 | 25.06 |
| Channel | | | | 647334 | 650000 | 652666 |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.26 | 25.06 |

| n78(3450-3550MHz)(PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | / | 633334 | / |
| Frequency (MHz) | | | | / | 3500.01 | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 22.41 | / |
| 100 | | 1 | 136 | / | 22.34 | / |
| 100 | | 1 | 271 | / | 22.29 | / |
| 100 | | 135 | 1 | / | 22.34 | / |
| 100 | | 135 | 67 | / | 22.39 | / |
| 100 | | 135 | 136 | / | 22.31 | / |
| 100 | | 270 | 0 | / | 22.35 | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | 22.45 | / |
| 100 | | 1 | 136 | / | 22.33 | / |
| 100 | | 1 | 271 | / | 22.30 | / |
| 100 | | 135 | 1 | / | 22.34 | / |
| 100 | | 135 | 67 | / | 22.41 | / |
| 100 | | 135 | 136 | / | 22.32 | / |
| 100 | | 270 | 0 | / | 22.32 | / |
| 100 | DFT-s-OFDM | 1 | 1 | / | 21.51 | / |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 16QAM | | | | | |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.63 | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | 19.79 | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | 21.50 | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | 21.61 | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | 20.65 | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | 17.82 | / |
| Channel | | | | 633000 | 633334 | 633666 |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3504.99 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.05 | 22.25 | 22.04 |
| Channel | | | | 632668 | 633334 | 634000 |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.05 | 22.25 | 22.04 |
| Channel | | | | 632334 | 633334 | 634332 |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3514.98 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.05 | 22.25 | 22.04 |
| Channel | | | | 632000 | 633334 | 634666 |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3519.99 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.05 | 22.25 | 22.04 |
| Channel | | | | 631668 | 633334 | 635000 |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.05 | 22.25 | 22.04 |
| Channel | | | | 631334 | 633334 | 635332 |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3529.98 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.05 | 22.25 | 22.04 |
| Channel | | | | 631000 | 633334 | 635666 |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3534.99 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 22.05 | 22.25 | 22.04 |
| Channel | | | | 630668 | 633334 | 636000 |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.05 | 22.25 | 22.04 |

| n78(3700-3800MHz)(PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | / | 650000 | / |
| Frequency (MHz) | | | | / | 3750.00 | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 22.28 | / |
| 100 | | 1 | 136 | / | 22.14 | / |
| 100 | | 1 | 271 | / | 22.20 | / |
| 100 | | 135 | 1 | / | 22.20 | / |
| 100 | | 135 | 67 | / | 22.11 | / |

| | | | | | | |
|---|---|---|---|---|---|---|
| 100 | | 135 | 136 | / | 22.08 | / |
| 100 | | 270 | 0 | / | 21.90 | / |
| 100 | | 1 | 1 | / | 22.49 | / |
| 100 | | 1 | 136 | / | 22.18 | / |
| 100 | | 1 | 271 | / | 22.28 | / |
| 100 | DFT-s-OFDM QPSK | 135 | 1 | / | 22.11 | / |
| 100 | | 135 | 67 | / | 22.40 | / |
| 100 | | 135 | 136 | / | 22.24 | / |
| 100 | | 270 | 0 | / | 22.38 | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | 21.56 | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.62 | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | 19.78 | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | 21.51 | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | 21.55 | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | 20.53 | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | 17.76 | / |
| Channel | | | | 649668 | 650000 | 650332 |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 22.28 | 22.30 | 22.16 |
| Channel | | | | 649334 | 650000 | 650666 |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 22.28 | 22.30 | 22.16 |
| Channel | | | | 649000 | 650000 | 651000 |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 22.28 | 22.30 | 22.16 |
| Channel | | | | 648668 | 650000 | 651332 |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 22.28 | 22.30 | 22.16 |
| Channel | | | | 648334 | 650000 | 651666 |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 22.28 | 22.30 | 22.16 |
| Channel | | | | 648000 | 650000 | 652000 |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 22.28 | 22.30 | 22.16 |
| Channel | | | | 647668 | 650000 | 652332 |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3784.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 22.28 | 22.30 | 22.16 |
| Channel | | | | 647334 | 650000 | 652666 |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.28 | 22.30 | 22.16 |

| DC_5A_n2 (PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 372000 | 376000 | 380000 |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.45 | 23.43 | 23.26 |
| 20 | | 1 | 53 | 23.46 | 23.32 | 23.23 |
| 20 | | 1 | 104 | 23.47 | 23.24 | 23.25 |
| 20 | | 50 | 1 | 23.17 | 23.09 | 22.91 |
| 20 | | 50 | 25 | 23.47 | 23.49 | 23.29 |
| 20 | | 50 | 50 | 23.18 | 23.14 | 23.08 |
| 20 | | 100 | 0 | 23.19 | 23.27 | 23.12 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.34 | 23.56 | 23.12 |
| 20 | | 1 | 53 | 23.39 | 23.17 | 23.14 |
| 20 | | 1 | 104 | 23.34 | 23.12 | 23.19 |
| 20 | | 50 | 1 | 22.53 | 22.53 | 22.26 |
| 20 | | 50 | 25 | 23.53 | 23.30 | 23.25 |
| 20 | | 50 | 50 | 23.05 | 22.87 | 22.77 |
| 20 | | 100 | 0 | 23.05 | 22.90 | 22.77 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.04 | 22.04 | 22.03 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.79 | 20.79 | 20.76 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 18.83 | 18.82 | 18.52 |
| 20 | CP-OFDM QPSK | 1 | 1 | 21.83 | 21.79 | 21.52 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.09 | 21.04 | 20.72 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 19.79 | 19.81 | 19.60 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.02 | 16.92 | 16.67 |
| Channel | | | | 371500 | 376000 | 380500 |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.37 | 23.48 | 23.25 |
| Channel | | | | 371000 | 376000 | 381000 |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.37 | 23.48 | 23.25 |
| Channel | | | | 370500 | 376000 | 381500 |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.37 | 23.48 | 23.25 |

| DC_48A_n5 (PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 166800 | 167300 | 167800 |
| Frequency (MHz) | | | | 834 | 836.5 | 839 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.55 | 23.53 | 23.56 |
| 20 | | 1 | 53 | 23.41 | 23.35 | 23.42 |
| 20 | | 1 | 104 | 23.22 | 23.12 | 23.19 |
| 20 | | 50 | 1 | 23.62 | 23.52 | 23.46 |
| 20 | | 50 | 25 | 23.57 | 23.46 | 23.45 |
| 20 | | 50 | 50 | 23.47 | 23.39 | 23.30 |
| 20 | | 100 | 0 | 23.55 | 23.47 | 23.36 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.53 | 23.66 | 23.52 |
| 20 | | 1 | 53 | 23.40 | 23.39 | 23.44 |
| 20 | | 1 | 104 | 23.20 | 23.13 | 23.17 |
| 20 | | 50 | 1 | 23.62 | 23.56 | 23.44 |
| 20 | | 50 | 25 | 23.50 | 23.49 | 23.36 |
| 20 | | 50 | 50 | 23.44 | 23.34 | 23.30 |
| 20 | | 100 | 0 | 23.53 | 23.46 | 23.38 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.61 | 23.63 | 23.62 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 22.10 | 22.11 | 22.09 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.29 | 20.32 | 20.29 |
| 20 | CP-OFDM QPSK | 1 | 1 | 23.14 | 23.13 | 23.11 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.61 | 22.63 | 22.58 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 21.24 | 21.26 | 21.24 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 18.32 | 18.34 | 18.30 |
| Channel | | | | 166300 | 167300 | 168300 |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.54 | 23.55 | 23.38 |
| Channel | | | | 165800 | 167300 | 168800 |
| Frequency (MHz) | | | | 829 | 836.5 | 844 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.54 | 23.55 | 23.38 |
| Channel | | | | 165300 | 167300 | 169300 |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.54 | 23.55 | 23.38 |

| DC_66A_n25 (PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 374000 | 376500 | 379000 |
| Frequency (MHz) | | | | 1870 | 1882.5 | 1895 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.47 | 23.30 | 23.14 |
| 20 | | 1 | 53 | 23.27 | 23.40 | 23.37 |
| 20 | | 1 | 104 | 22.77 | 22.56 | 23.00 |
| 20 | | 50 | 1 | 23.31 | 23.44 | 23.37 |
| 20 | | 50 | 25 | 23.01 | 23.29 | 23.24 |
| 20 | | 50 | 50 | 23.11 | 23.02 | 23.31 |
| 20 | | 100 | 0 | 23.05 | 23.28 | 23.46 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.50 | 23.36 | 23.12 |
| 20 | | 1 | 53 | 22.93 | 23.28 | 23.37 |
| 20 | | 1 | 104 | 23.37 | 23.27 | 23.03 |
| 20 | | 50 | 1 | 23.28 | 23.49 | 23.45 |
| 20 | | 50 | 25 | 23.04 | 23.35 | 23.24 |
| 20 | | 50 | 50 | 23.11 | 23.00 | 23.46 |
| 20 | | 100 | 0 | 23.09 | 23.22 | 23.45 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.21 | 22.99 | 23.42 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 22.03 | 21.44 | 21.45 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.02 | 19.39 | 19.33 |
| 20 | CP-OFDM QPSK | 1 | 1 | 23.06 | 22.46 | 22.50 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.58 | 21.95 | 21.72 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 21.04 | 20.46 | 20.22 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.99 | 17.40 | 17.13 |
| Channel | | | | 371500 | 376500 | 381500 |
| Frequency (MHz) | | | | 1857.5 | 1882.5 | 1907.5 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.57 | 23.19 | 23.23 |
| Channel | | | | 371000 | 376500 | 382000 |
| Frequency (MHz) | | | | 1855 | 1882.5 | 1910 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.57 | 23.19 | 23.23 |
| Channel | | | | 370500 | 376500 | 382500 |
| Frequency (MHz) | | | | 1852.5 | 1882.5 | 1912.5 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.57 | 23.19 | 23.23 |

| DC_5A_n41 | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 509202 | 518598 | 528000 |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.95 | 23.24 | 23.19 |
| 100 | | 1 | 136 | 23.20 | 23.33 | 23.14 |
| 100 | | 1 | 271 | 23.35 | 23.44 | 23.07 |
| 100 | | 135 | 1 | 23.08 | 23.27 | 23.15 |
| 100 | | 135 | 67 | 23.18 | 23.45 | 23.19 |
| 100 | | 135 | 136 | 23.34 | 23.40 | 23.02 |
| 100 | | 270 | 0 | 23.21 | 23.44 | 23.32 |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 23.13 | 23.53 | 23.18 |
| 100 | | 1 | 136 | 23.18 | 23.22 | 23.10 |
| 100 | | 1 | 271 | 23.36 | 23.34 | 23.02 |
| 100 | | 135 | 1 | 23.09 | 23.29 | 23.23 |
| 100 | | 135 | 67 | 23.15 | 23.35 | 23.16 |
| 100 | | 135 | 136 | 23.26 | 23.38 | 23.08 |
| 100 | | 270 | 0 | 23.26 | 23.26 | 23.23 |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 22.73 | 22.91 | 23.14 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 22.78 | 22.98 | 23.22 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 21.36 | 21.50 | 21.48 |
| 100 | CP-OFDM QPSK | 1 | 1 | 22.74 | 22.95 | 23.16 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 22.78 | 22.89 | 23.26 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 22.58 | 22.53 | 22.80 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 19.55 | 19.73 | 19.70 |
| Channel | | | | 508200 | 518598 | 528996 |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 23.10 | 23.26 | 23.07 |
| Channel | | | | 507204 | 518598 | 529998 |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.10 | 23.26 | 23.07 |
| Channel | | | | 506202 | 518598 | 531000 |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.10 | 23.26 | 23.07 |
| Channel | | | | 505200 | 518598 | 531996 |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 23.10 | 23.26 | 23.07 |
| Channel | | | | 504204 | 518598 | 532998 |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 23.10 | 23.26 | 23.07 |
| Channel | | | | 503202 | 518598 | 534000 |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.10 | 23.26 | 23.07 |
| Channel | | | | 502200 | 518598 | 534996 |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 23.10 | 23.26 | 23.07 |
| Channel | | | | 501204 | 518598 | 535998 |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.10 | 23.26 | 23.07 |

| DC_13A_n66 (PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.45 | 23.65 | 23.57 |
| 20 | | 1 | 53 | 23.52 | 23.61 | 23.44 |
| 20 | | 1 | 104 | 23.57 | 23.55 | 23.40 |
| 20 | | 50 | 1 | 23.06 | 23.17 | 23.06 |
| 20 | | 50 | 25 | 23.59 | 23.60 | 23.54 |
| 20 | | 50 | 50 | 23.01 | 23.10 | 23.01 |
| 20 | | 100 | 0 | 23.05 | 23.07 | 23.01 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.50 | 23.66 | 23.56 |
| 20 | | 1 | 53 | 23.55 | 23.51 | 23.43 |
| 20 | | 1 | 104 | 23.55 | 23.51 | 23.43 |
| 20 | | 50 | 1 | 23.45 | 23.58 | 23.46 |
| 20 | | 50 | 25 | 23.60 | 23.57 | 23.53 |
| 20 | | 50 | 50 | 23.46 | 23.50 | 23.42 |
| 20 | | 100 | 0 | 23.43 | 23.48 | 23.43 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.56 | 22.74 | 22.62 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.01 | 21.22 | 21.10 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.03 | 19.20 | 19.04 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.01 | 22.17 | 22.09 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.54 | 21.71 | 21.53 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.06 | 20.22 | 20.22 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.07 | 17.13 | 17.10 |
| Channel | | | | 343500 | 349000 | 354500 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.53 | 23.64 | 23.56 |
| Channel | | | | 343000 | 349000 | 355000 |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.53 | 23.64 | 23.56 |
| Channel | | | | 342500 | 349000 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.53 | 23.64 | 23.56 |

| DC_2A_n71 (PC3) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 134600 | 136100 | 137600 |
| Frequency (MHz) | | | | 673 | 680.5 | 688 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.24 | 23.17 | 23.33 |
| 20 | | 1 | 53 | 23.18 | 23.40 | 23.33 |
| 20 | | 1 | 104 | 23.33 | 23.28 | 23.19 |
| 20 | | 50 | 1 | 23.23 | 23.29 | 23.35 |
| 20 | | 50 | 25 | 23.19 | 23.33 | 23.42 |
| 20 | | 50 | 50 | 23.24 | 23.35 | 23.30 |
| 20 | | 100 | 0 | 23.25 | 23.28 | 23.26 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.21 | 23.18 | 23.48 |
| 20 | | 1 | 53 | 23.16 | 23.39 | 23.36 |
| 20 | | 1 | 104 | 23.35 | 23.30 | 23.15 |
| 20 | | 50 | 1 | 23.22 | 23.31 | 23.34 |
| 20 | | 50 | 25 | 23.21 | 23.31 | 23.40 |
| 20 | | 50 | 50 | 23.29 | 23.36 | 23.30 |
| 20 | | 100 | 0 | 23.27 | 23.26 | 23.27 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.32 | 23.25 | 23.37 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.78 | 21.73 | 21.88 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.52 | 19.47 | 19.60 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.78 | 22.72 | 22.85 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.30 | 22.27 | 22.39 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.81 | 20.78 | 20.91 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.66 | 17.62 | 17.74 |
| Channel | | | | 134100 | 136100 | 138100 |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.22 | 23.15 | 23.32 |
| Channel | | | | 133600 | 136100 | 138600 |
| Frequency (MHz) | | | | 668 | 680.5 | 693 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.22 | 23.15 | 23.32 |
| Channel | | | | 133100 | 136100 | 139100 |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.22 | 23.15 | 23.32 |

| DC_41A_n77(3700-3980MHz) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | / | 633334 | / |
| Frequency (MHz) | | | | / | 3500.01 | / |
| 100 | DFT-s-OFDM PI/2 | 1 | 1 | / | 24.85 | / |

| | | | | | | |
|---|---|---|---|---|---|---|
| 100 | BPSK | 1 | 136 | / | 24.98 | / |
| 100 | | 1 | 271 | / | 25.13 | / |
| 100 | | 135 | 1 | / | 24.67 | / |
| 100 | | 135 | 67 | / | 24.99 | / |
| 100 | | 135 | 136 | / | 24.56 | / |
| 100 | | 270 | 0 | / | 24.79 | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | 25.15 | / |
| 100 | | 1 | 136 | / | 24.96 | / |
| 100 | | 1 | 271 | / | 25.10 | / |
| 100 | | 135 | 1 | / | 24.73 | / |
| 100 | | 135 | 67 | / | 25.02 | / |
| 100 | | 135 | 136 | / | 24.67 | / |
| 100 | | 270 | 0 | / | 24.61 | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.77 | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | 22.31 | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | 20.40 | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | 23.30 | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | 22.74 | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | 21.35 | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | 18.35 | / |
| Channel | | | | 632668 | 633334 | 634000 |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 24.82 | 25.00 | 24.76 |
| Channel | | | | 632000 | 633334 | 634666 |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3519.99 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.82 | 25.00 | 24.76 |
| Channel | | | | 631334 | 633334 | 635332 |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3529.98 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.82 | 25.00 | 24.76 |
| Channel | | | | 631000 | 633334 | 635666 |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3534.99 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 24.82 | 25.00 | 24.76 |
| Channel | | | | 630668 | 633334 | 636000 |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.82 | 25.00 | 24.76 |

| DC_41A_n77(3700-3980MHz) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | 650000 | 656000 | 662000 |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.63 | 25.02 | 24.78 |
| 100 | | 1 | 136 | 25.10 | 25.09 | 25.00 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 100 | | 1 | 271 | 25.09 | 24.75 | 25.21 |
| 100 | | 135 | 1 | 24.70 | 24.73 | 24.85 |
| 100 | | 135 | 67 | 25.06 | 25.22 | 24.94 |
| 100 | | 135 | 136 | 24.80 | 24.09 | 24.75 |
| 100 | | 270 | 0 | 24.70 | 24.77 | 24.50 |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 24.62 | 25.24 | 24.77 |
| 100 | | 1 | 136 | 25.16 | 25.05 | 24.81 |
| 100 | | 1 | 271 | 25.18 | 24.84 | 25.07 |
| 100 | | 135 | 1 | 24.59 | 24.74 | 24.83 |
| 100 | | 135 | 67 | 25.23 | 25.22 | 24.88 |
| 100 | | 135 | 136 | 24.62 | 24.59 | 24.57 |
| 100 | | 270 | 0 | 24.57 | 24.74 | 24.49 |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 23.60 | 23.58 | 23.45 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 22.46 | 22.76 | 22.32 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 20.21 | 20.30 | 19.96 |
| 100 | CP-OFDM QPSK | 1 | 1 | 23.32 | 23.36 | 23.08 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 22.98 | 23.22 | 22.79 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 21.39 | 21.50 | 21.22 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 18.00 | 18.28 | 17.98 |
| Channel | | | | 632668 | 633334 | 634000 |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.03 | 24.62 |
| Channel | | | | 632000 | 633334 | 634666 |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3519.99 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.03 | 24.62 |
| Channel | | | | 631334 | 633334 | 635332 |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3529.98 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.03 | 24.62 |
| Channel | | | | 631000 | 633334 | 635666 |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3534.99 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.03 | 24.62 |
| Channel | | | | 630668 | 633334 | 636000 |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.85 | 25.03 | 24.62 |

| DC_7A_n78(3450-3550MHz) | | | | | | |
|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
| Channel | | | | / | 633334 | / |
| Frequency (MHz) | | | | / | 3500.01 | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 26.30 | / |
| 100 | | 1 | 136 | / | 26.32 | / |
| 100 | | 1 | 271 | / | 26.31 | / |

| | | | | | | |
|---|---|---|---|---|---|---|
| 100 | | 135 | 1 | / | 26.11 | / |
| 100 | | 135 | 67 | / | 26.33 | / |
| 100 | | 135 | 136 | / | 26.36 | / |
| 100 | | 270 | 0 | / | 26.39 | / |
| 100 | | 1 | 1 | / | 26.48 | / |
| 100 | | 1 | 136 | / | 26.27 | / |
| 100 | | 1 | 271 | / | 26.25 | / |
| 100 | DFT-s-OFDM QPSK | 135 | 1 | / | 26.33 | / |
| 100 | | 135 | 67 | / | 26.31 | / |
| 100 | | 135 | 136 | / | 26.37 | / |
| 100 | | 270 | 0 | / | 26.39 | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | 24.49 | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | 23.13 | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | 21.12 | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | 24.07 | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | 23.53 | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | 22.08 | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | 19.15 | / |
| Channel | | | | 633000 | 633334 | 633666 |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3504.99 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 25.94 | 26.25 | 26.23 |
| Channel | | | | 632668 | 633334 | 634000 |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 25.94 | 26.25 | 26.23 |
| Channel | | | | 632334 | 633334 | 634332 |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3514.98 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 25.94 | 26.25 | 26.23 |
| Channel | | | | 632000 | 633334 | 634666 |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3519.99 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 25.94 | 26.25 | 26.23 |
| Channel | | | | 631668 | 633334 | 635000 |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 25.94 | 26.25 | 26.23 |
| Channel | | | | 631334 | 633334 | 635332 |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3529.98 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 25.94 | 26.25 | 26.23 |
| Channel | | | | 631000 | 633334 | 635666 |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3534.99 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 25.94 | 26.25 | 26.23 |
| Channel | | | | 630668 | 633334 | 636000 |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 25.94 | 26.25 | 26.23 |

| BW [MHz] | Modulation | RB num | RB start | Low Channel | Middle Channel | High Channel |
|---|---|---|---|---|---|---|
| Channel | | | | / | 650000 | / |
| Frequency (MHz) | | | | / | 3750 | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | 24.98 | / |
| 100 | | 1 | 136 | / | 24.94 | / |
| 100 | | 1 | 271 | / | 25.04 | / |
| 100 | | 135 | 1 | / | 24.04 | / |
| 100 | | 135 | 67 | / | 24.97 | / |
| 100 | | 135 | 136 | / | 24.79 | / |
| 100 | | 270 | 0 | / | 25.04 | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | 25.07 | / |
| 100 | | 1 | 136 | / | 24.93 | / |
| 100 | | 1 | 271 | / | 24.98 | / |
| 100 | | 135 | 1 | / | 25.03 | / |
| 100 | | 135 | 67 | / | 24.97 | / |
| 100 | | 135 | 136 | / | 24.93 | / |
| 100 | | 270 | 0 | / | 24.83 | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | 23.15 | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | 21.79 | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | 19.45 | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | 22.53 | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | 22.13 | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | 20.67 | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | 17.48 | / |
| Channel | | | | 649668 | 650000 | 650332 |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3754.98 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.55 | 24.75 | 24.05 |
| Channel | | | | 649334 | 650000 | 650666 |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3759.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 24.59 | 24.82 | 24.26 |
| Channel | | | | 649000 | 650000 | 651000 |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 24.63 | 24.95 | 24.46 |
| Channel | | | | 648668 | 650000 | 651332 |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3769.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.59 | 24.98 | 24.32 |
| Channel | | | | 648334 | 650000 | 651666 |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3774.99 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.70 | 25.00 | 24.40 |
| Channel | | | | 648000 | 650000 | 652000 |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.62 | 24.98 | 24.47 |

| Channel | | | | 647668 | 650000 | 652332 |
|---|---|---|---|---|---|---|
| Frequency (MHz) | | | | 3715.02 | 3750 | 3784.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 24.51 | 24.93 | 24.91 |
| Channel | | | | 647334 | 650000 | 652666 |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3789.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 25.13 | 25.20 | 24.96 |

Effective Radiated Power and Effective Isotropic Radiated Power:

| n2 (PC3) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
| Channel | | | | 372000 | 372000 | 376000 | 376000 | 378000 | 378000 |
| Frequency (MHz) | | | | 1860.00 | 1860.00 | 1880.00 | 1880.00 | 1900.00 | 1900.00 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 25.24 | 0.334 | 25.09 | 0.323 | 25.00 | 0.316 |
| 20 | | 1 | 53 | 25.22 | 0.333 | 24.85 | 0.305 | 24.77 | 0.300 |
| 20 | | 1 | 104 | 25.10 | 0.324 | 25.00 | 0.316 | 24.79 | 0.301 |
| 20 | | 50 | 1 | 25.37 | 0.344 | 25.06 | 0.321 | 24.97 | 0.314 |
| 20 | | 50 | 25 | 25.37 | 0.344 | 24.88 | 0.308 | 24.90 | 0.309 |
| 20 | | 50 | 50 | 25.26 | 0.336 | 24.84 | 0.305 | 24.96 | 0.313 |
| 20 | | 100 | 0 | 25.28 | 0.337 | 24.90 | 0.309 | 24.93 | 0.311 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 25.29 | 0.338 | 25.39 | 0.346 | 25.05 | 0.320 |
| 20 | | 1 | 53 | 25.31 | 0.340 | 25.20 | 0.331 | 24.85 | 0.305 |
| 20 | | 1 | 104 | 24.83 | 0.304 | 25.02 | 0.318 | 24.92 | 0.310 |
| 20 | | 50 | 1 | 25.28 | 0.337 | 25.37 | 0.344 | 25.02 | 0.318 |
| 20 | | 50 | 25 | 25.27 | 0.337 | 25.28 | 0.337 | 24.96 | 0.313 |
| 20 | | 50 | 50 | 25.24 | 0.334 | 24.86 | 0.306 | 24.78 | 0.301 |
| 20 | | 100 | 0 | 25.24 | 0.334 | 25.26 | 0.336 | 24.88 | 0.308 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 24.84 | 0.305 | 24.69 | 0.294 | 24.58 | 0.287 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 23.58 | 0.228 | 23.46 | 0.222 | 23.26 | 0.212 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 21.50 | 0.141 | 21.31 | 0.135 | 21.13 | 0.130 |
| 20 | CP-OFDM QPSK | 1 | 1 | 24.66 | 0.292 | 24.44 | 0.278 | 24.29 | 0.269 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 24.11 | 0.258 | 23.95 | 0.248 | 23.81 | 0.240 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 21.76 | 0.150 | 22.07 | 0.161 | 22.02 | 0.159 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 19.58 | 0.091 | 19.33 | 0.086 | 19.17 | 0.083 |
| Channel | | | | 371500 | 371500 | 376000 | 376000 | 380500 | 380500 |
| Frequency (MHz) | | | | 1857.50 | 1857.50 | 1880.00 | 1880.00 | 1902.50 | 1902.50 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 25.09 | 0.323 | 25.34 | 0.342 | 24.89 | 0.308 |
| Channel | | | | 371000 | 371000 | 376000 | 376000 | 381000 | 381000 |
| Frequency (MHz) | | | | 1855.00 | 1855.00 | 1880.00 | 1880.00 | 1905.00 | 1905.00 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 25.11 | 0.324 | 25.37 | 0.344 | 24.87 | 0.307 |

| Channel | | | | 370500 | 370500 | 376000 | 376000 | 381500 | 381500 |
|---|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | | | | 1852.50 | 1852.50 | 1880.00 | 1880.00 | 1907.50 | 1907.50 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 25.21 | 0.332 | 25.36 | 0.344 | 24.89 | 0.308 |

## n5 (PC3)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 166800 | 166800 | 167300 | 167300 | 167800 | 167800 |
| Frequency (MHz) | | | | 834.00 | 834.00 | 836.50 | 836.50 | 839.00 | 839.00 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 20.12 | 0.103 | 20.14 | 0.103 | 20.10 | 0.102 |
| 20 | | 1 | 53 | 20.00 | 0.100 | 19.92 | 0.098 | 19.94 | 0.099 |
| 20 | | 1 | 104 | 19.71 | 0.094 | 19.69 | 0.093 | 19.82 | 0.096 |
| 20 | | 50 | 1 | 20.14 | 0.103 | 20.13 | 0.103 | 20.05 | 0.101 |
| 20 | | 50 | 25 | 20.06 | 0.101 | 20.05 | 0.101 | 19.91 | 0.098 |
| 20 | | 50 | 50 | 19.98 | 0.100 | 19.90 | 0.098 | 19.87 | 0.097 |
| 20 | | 100 | 0 | 20.08 | 0.102 | 20.08 | 0.102 | 19.96 | 0.099 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.12 | 0.103 | 20.15 | 0.104 | 20.09 | 0.102 |
| 20 | | 1 | 53 | 19.92 | 0.098 | 19.99 | 0.100 | 19.94 | 0.099 |
| 20 | | 1 | 104 | 19.73 | 0.094 | 19.75 | 0.094 | 19.72 | 0.094 |
| 20 | | 50 | 1 | 20.07 | 0.102 | 20.09 | 0.102 | 20.01 | 0.100 |
| 20 | | 50 | 25 | 20.08 | 0.102 | 20.07 | 0.102 | 20.01 | 0.100 |
| 20 | | 50 | 50 | 19.98 | 0.100 | 19.95 | 0.099 | 19.84 | 0.096 |
| 20 | | 100 | 0 | 19.98 | 0.100 | 20.07 | 0.102 | 19.98 | 0.100 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 19.93 | 0.098 | 19.78 | 0.095 | 19.70 | 0.093 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 18.24 | 0.067 | 18.20 | 0.066 | 18.15 | 0.065 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 16.20 | 0.042 | 16.12 | 0.041 | 16.02 | 0.040 |
| 20 | CP-OFDM QPSK | 1 | 1 | 19.33 | 0.086 | 19.24 | 0.084 | 19.17 | 0.083 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 18.76 | 0.075 | 18.71 | 0.074 | 18.69 | 0.074 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 16.99 | 0.050 | 16.81 | 0.048 | 16.59 | 0.046 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 14.14 | 0.026 | 14.20 | 0.026 | 14.15 | 0.026 |
| Channel | | | | 166300 | 166300 | 167300 | 167300 | 168300 | 168300 |
| Frequency (MHz) | | | | 831.50 | 831.50 | 836.50 | 836.50 | 841.50 | 841.50 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 19.91 | 0.098 | 19.92 | 0.098 | 19.74 | 0.094 |

| Channel | | | | 165800 | 165800 | 167300 | 167300 | 168800 | 168800 |
|---|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | | | | 829.00 | 829.00 | 836.50 | 836.50 | 844.00 | 844.00 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 19.83 | 0.096 | 19.85 | 0.097 | 19.69 | 0.093 |
| Channel | | | | 165300 | 165300 | 167300 | 167300 | 169300 | 169300 |
| Frequency (MHz) | | | | 826.50 | 826.50 | 836.50 | 836.50 | 846.50 | 846.50 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 19.89 | 0.097 | 19.91 | 0.098 | 19.56 | 0.090 |

## n7

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 502000 | 502000 | 507000 | 507000 | 512000 | 512000 |
| Frequency (MHz) | | | | 2510.00 | 2510.00 | 2535.00 | 2535.00 | 2560.00 | 2560.00 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.83 | 0.304 | 24.80 | 0.302 | 25.05 | 0.320 |
| 20 | | 1 | 80 | 24.77 | 0.300 | 24.93 | 0.311 | 25.10 | 0.324 |
| 20 | | 1 | 158 | 24.81 | 0.303 | 24.94 | 0.312 | 25.00 | 0.316 |
| 20 | | 80 | 1 | 24.72 | 0.296 | 24.84 | 0.305 | 24.95 | 0.313 |
| 20 | | 80 | 40 | 24.68 | 0.294 | 24.87 | 0.307 | 25.07 | 0.321 |
| 20 | | 80 | 80 | 24.73 | 0.297 | 24.90 | 0.309 | 24.96 | 0.313 |
| 20 | | 160 | 0 | 24.69 | 0.294 | 24.88 | 0.308 | 24.96 | 0.313 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.86 | 0.306 | 24.97 | 0.314 | 25.12 | 0.325 |
| 20 | | 1 | 80 | 24.75 | 0.299 | 24.91 | 0.310 | 25.03 | 0.318 |
| 20 | | 1 | 158 | 24.84 | 0.305 | 24.96 | 0.313 | 25.10 | 0.324 |
| 20 | | 80 | 1 | 24.85 | 0.305 | 24.94 | 0.312 | 25.09 | 0.323 |
| 20 | | 80 | 40 | 24.67 | 0.293 | 24.81 | 0.303 | 25.03 | 0.318 |
| 20 | | 80 | 80 | 24.74 | 0.298 | 24.83 | 0.304 | 25.02 | 0.318 |
| 20 | | 160 | 0 | 24.74 | 0.298 | 24.85 | 0.305 | 25.05 | 0.320 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 24.43 | 0.277 | 24.47 | 0.280 | 24.71 | 0.296 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 22.86 | 0.193 | 22.87 | 0.194 | 23.18 | 0.208 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.49 | 0.112 | 20.50 | 0.112 | 20.75 | 0.119 |
| 20 | CP-OFDM QPSK | 1 | 1 | 23.80 | 0.240 | 23.88 | 0.244 | 24.11 | 0.258 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 23.26 | 0.212 | 23.34 | 0.216 | 23.60 | 0.229 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 21.61 | 0.145 | 21.59 | 0.144 | 21.87 | 0.154 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 18.53 | 0.071 | 18.62 | 0.073 | 18.89 | 0.077 |

| Channel | | | | 501500 | 501500 | 507000 | 507000 | 512500 | 512500 |
|---|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | | | | 2507.50 | 2507.50 | 2535.00 | 2535.00 | 2562.50 | 2562.50 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.68 | 0.294 | 24.72 | 0.296 | 24.96 | 0.313 |
| Channel | | | | 501000 | 501000 | 507000 | 507000 | 513000 | 513000 |
| Frequency (MHz) | | | | 2505.00 | 2505.00 | 2535.00 | 2535.00 | 2565.00 | 2565.00 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.57 | 0.286 | 24.74 | 0.298 | 24.96 | 0.313 |
| Channel | | | | 500500 | 500500 | 507000 | 507000 | 513500 | 513500 |
| Frequency (MHz) | | | | 2502.50 | 2502.50 | 2535.00 | 2535.00 | 2567.50 | 2567.50 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 24.66 | 0.292 | 24.69 | 0.294 | 24.93 | 0.311 |

## n25

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 372000 | 372000 | 376500 | 376500 | 379000 | 379000 |
| Frequency (MHz) | | | | 1860.00 | 1860.00 | 1882.50 | 1882.50 | 1895.00 | 1895.00 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 21.13 | 0.130 | 21.14 | 0.130 | 20.88 | 0.122 |
| 20 | | 1 | 80 | 21.24 | 0.133 | 20.96 | 0.125 | 20.79 | 0.120 |
| 20 | | 1 | 158 | 21.03 | 0.127 | 20.78 | 0.120 | 20.81 | 0.121 |
| 20 | | 80 | 1 | 21.26 | 0.134 | 21.09 | 0.129 | 20.84 | 0.121 |
| 20 | | 80 | 40 | 21.18 | 0.131 | 20.99 | 0.126 | 20.92 | 0.124 |
| 20 | | 80 | 80 | 21.13 | 0.130 | 20.92 | 0.124 | 20.92 | 0.124 |
| 20 | | 160 | 0 | 21.18 | 0.131 | 20.93 | 0.124 | 20.87 | 0.122 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 21.27 | 0.134 | 21.22 | 0.132 | 21.06 | 0.128 |
| 20 | | 1 | 80 | 21.18 | 0.131 | 21.10 | 0.129 | 20.96 | 0.125 |
| 20 | | 1 | 158 | 21.14 | 0.130 | 21.01 | 0.126 | 20.99 | 0.126 |
| 20 | | 80 | 1 | 21.24 | 0.133 | 21.15 | 0.130 | 21.01 | 0.126 |
| 20 | | 80 | 40 | 21.14 | 0.130 | 21.03 | 0.127 | 20.93 | 0.124 |
| 20 | | 80 | 80 | 21.13 | 0.130 | 20.94 | 0.124 | 20.90 | 0.123 |
| 20 | | 160 | 0 | 21.13 | 0.130 | 21.11 | 0.129 | 20.92 | 0.124 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 21.12 | 0.129 | 20.96 | 0.125 | 20.89 | 0.123 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 19.65 | 0.092 | 19.59 | 0.091 | 19.35 | 0.086 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 17.41 | 0.055 | 17.38 | 0.055 | 17.07 | 0.051 |
| 20 | CP-OFDM QPSK | 1 | 1 | 20.64 | 0.116 | 20.54 | 0.113 | 20.38 | 0.109 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 19.79 | 0.095 | 19.62 | 0.092 | 19.58 | 0.091 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 20 | CP-OFDM 64QAM | 1 | 1 | 18.40 | 0.069 | 18.35 | 0.068 | 18.04 | 0.064 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 15.40 | 0.035 | 15.29 | 0.034 | 15.13 | 0.033 |
| Channel | | | | 371500 | 371500 | 376500 | 376500 | 381500 | 381500 |
| Frequency (MHz) | | | | 1857.50 | 1857.50 | 1882.50 | 1882.50 | 1907.50 | 1907.50 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 21.18 | 0.131 | 21.16 | 0.131 | 20.66 | 0.116 |
| Channel | | | | 371000 | 371000 | 376500 | 376500 | 382000 | 382000 |
| Frequency (MHz) | | | | 1855.00 | 1855.00 | 1882.50 | 1882.50 | 1910.00 | 1910.00 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 21.18 | 0.131 | 21.01 | 0.126 | 20.44 | 0.111 |
| Channel | | | | 370500 | 370500 | 376500 | 376500 | 382500 | 382500 |
| Frequency (MHz) | | | | 1852.50 | 1852.50 | 1882.50 | 1882.50 | 1912.50 | 1912.50 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 21.24 | 0.133 | 20.96 | 0.125 | 20.45 | 0.111 |

## n26(814-824MHz)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | | | 163800 | 163800 | | |
| Frequency (MHz) | | | | | | 819.00 | 819.00 | | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | / | 20.01 | 0.100 | / | / |
| 10 | | 1 | 53 | / | / | 20.16 | 0.104 | / | / |
| 10 | | 1 | 104 | / | / | 20.26 | 0.106 | / | / |
| 10 | | 50 | 1 | / | / | 20.11 | 0.103 | / | / |
| 10 | | 50 | 25 | / | / | 20.18 | 0.104 | / | / |
| 10 | | 50 | 50 | / | / | 20.26 | 0.106 | / | / |
| 10 | | 100 | 0 | / | / | 20.19 | 0.104 | / | / |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | / | / | 20.37 | 0.109 | / | / |
| 10 | | 1 | 53 | / | / | 20.18 | 0.104 | / | / |
| 10 | | 1 | 104 | / | / | 20.28 | 0.107 | / | / |
| 10 | | 50 | 1 | / | / | 20.33 | 0.108 | / | / |
| 10 | | 50 | 25 | / | / | 20.15 | 0.104 | / | / |
| 10 | | 50 | 50 | / | / | 20.22 | 0.105 | / | / |
| 10 | | 100 | 0 | / | / | 20.31 | 0.107 | / | / |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | / | / | 19.64 | 0.092 | / | / |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | / | / | 18.42 | 0.070 | / | / |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | / | / | 16.30 | 0.043 | / | / |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10 | CP-OFDM QPSK | 1 | 1 | / | / | 19.34 | 0.086 | / | / |
| 10 | CP-OFDM 16QAM | 1 | 1 | / | / | 18.55 | 0.072 | / | / |
| 10 | CP-OFDM 64QAM | 1 | 1 | / | / | 17.25 | 0.053 | / | / |
| 10 | CP-OFDM 256QAM | 1 | 1 | / | / | 14.32 | 0.027 | / | / |
| Channel | | | | 163300 | 163300 | 163800 | 163800 | 164300 | 164300 |
| Frequency (MHz) | | | | 816.50 | 816.50 | 819.00 | 819.00 | 821.50 | 821.50 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 20.23 | 0.105 | 20.31 | 0.107 | 20.18 | 0.104 |

| n26(824-849MHz) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
| Channel | | | | 166800 | 166800 | 167300 | 167300 | 167800 | 167800 |
| Frequency (MHz) | | | | 834.00 | 834.00 | 836.50 | 836.50 | 839.00 | 839.00 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 20.32 | 0.108 | 20.31 | 0.107 | 20.34 | 0.108 |
| 20 | | 1 | 53 | 20.30 | 0.107 | 20.29 | 0.107 | 20.28 | 0.107 |
| 20 | | 1 | 104 | 20.12 | 0.103 | 20.14 | 0.103 | 20.27 | 0.106 |
| 20 | | 50 | 1 | 20.37 | 0.109 | 20.36 | 0.109 | 20.38 | 0.109 |
| 20 | | 50 | 25 | 20.34 | 0.108 | 20.34 | 0.108 | 20.28 | 0.107 |
| 20 | | 50 | 50 | 20.27 | 0.106 | 20.28 | 0.107 | 20.27 | 0.106 |
| 20 | | 100 | 0 | 20.37 | 0.109 | 20.34 | 0.108 | 20.27 | 0.106 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.37 | 0.109 | 20.41 | 0.110 | 20.33 | 0.108 |
| 20 | | 1 | 53 | 20.29 | 0.107 | 20.33 | 0.108 | 20.23 | 0.105 |
| 20 | | 1 | 104 | 20.16 | 0.104 | 20.17 | 0.104 | 20.34 | 0.108 |
| 20 | | 50 | 1 | 20.36 | 0.109 | 20.38 | 0.109 | 20.35 | 0.108 |
| 20 | | 50 | 25 | 20.36 | 0.109 | 20.28 | 0.107 | 20.29 | 0.107 |
| 20 | | 50 | 50 | 20.31 | 0.107 | 20.26 | 0.106 | 20.24 | 0.106 |
| 20 | | 100 | 0 | 20.34 | 0.108 | 20.38 | 0.109 | 20.30 | 0.107 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 20.27 | 0.106 | 20.28 | 0.107 | 20.23 | 0.105 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 18.77 | 0.075 | 18.79 | 0.076 | 18.76 | 0.075 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 16.70 | 0.047 | 16.82 | 0.048 | 16.78 | 0.048 |
| 20 | CP-OFDM QPSK | 1 | 1 | 19.75 | 0.094 | 19.76 | 0.095 | 19.72 | 0.094 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 19.24 | 0.084 | 19.27 | 0.085 | 19.26 | 0.084 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 20 | CP-OFDM 64QAM | 1 | 1 | 17.59 | 0.057 | 17.62 | 0.058 | 17.58 | 0.057 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 14.76 | 0.030 | 14.82 | 0.030 | 14.84 | 0.030 |
| Channel | | | | 166300 | 166300 | 167300 | 167300 | 168300 | 168300 |
| Frequency (MHz) | | | | 831.50 | 831.50 | 836.50 | 836.50 | 841.50 | 841.50 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 20.31 | 0.107 | 20.33 | 0.108 | 20.24 | 0.106 |
| Channel | | | | 165800 | 165800 | 167300 | 167300 | 168800 | 168800 |
| Frequency (MHz) | | | | 829.00 | 829.00 | 836.50 | 836.50 | 844.00 | 844.00 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 20.30 | 0.107 | 20.19 | 0.104 | 20.17 | 0.104 |
| Channel | | | | 165300 | 165300 | 167300 | 167300 | 169300 | 169300 |
| Frequency (MHz) | | | | 826.50 | 826.50 | 836.50 | 836.50 | 846.50 | 846.50 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 20.26 | 0.106 | 20.22 | 0.105 | 20.01 | 0.100 |

## n30

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | | | 462000 | 462000 | | |
| Frequency (MHz) | | | | | | 2310.00 | 2310.00 | | |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | / | 21.35 | 0.136 | / | / |
| 10 | | 1 | 53 | / | / | 21.47 | 0.140 | / | / |
| 10 | | 1 | 104 | / | / | 21.39 | 0.138 | / | / |
| 10 | | 50 | 1 | / | / | 21.49 | 0.141 | / | / |
| 10 | | 50 | 25 | / | / | 21.50 | 0.141 | / | / |
| 10 | | 50 | 50 | / | / | 21.44 | 0.139 | / | / |
| 10 | | 100 | 0 | / | / | 21.49 | 0.141 | / | / |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | / | / | 21.57 | 0.144 | / | / |
| 10 | | 1 | 53 | / | / | 21.46 | 0.140 | / | / |
| 10 | | 1 | 104 | / | / | 21.37 | 0.137 | / | / |
| 10 | | 50 | 1 | / | / | 21.53 | 0.142 | / | / |
| 10 | | 50 | 25 | / | / | 21.49 | 0.141 | / | / |
| 10 | | 50 | 50 | / | / | 21.43 | 0.139 | / | / |
| 10 | | 100 | 0 | / | / | 21.48 | 0.141 | / | / |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | / | / | 21.28 | 0.134 | / | / |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | / | / | 19.88 | 0.097 | / | / |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | / | / | 17.54 | 0.057 | / | / |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 10 | CP-OFDM QPSK | 1 | 1 | / | / | 20.78 | 0.120 | / | / |
| 10 | CP-OFDM 16QAM | 1 | 1 | / | / | 20.25 | 0.106 | / | / |
| 10 | CP-OFDM 64QAM | 1 | 1 | / | / | 17.57 | 0.057 | / | / |
| 10 | CP-OFDM 256QAM | 1 | 1 | / | / | 15.56 | 0.036 | / | / |

| n41(PC2) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
| Channel | | | | 509202 | 509202 | 518598 | 518598 | 528000 | 528000 |
| Frequency (MHz) | | | | 2546.01 | 2546.01 | 2592.99 | 2592.99 | 2640 | 2640 |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 27.62 | 0.578 | 27.91 | 0.618 | 27.98 | 0.628 |
| 100 | | 1 | 136 | 27.89 | 0.615 | 27.95 | 0.624 | 27.89 | 0.615 |
| 100 | | 1 | 271 | 28.01 | 0.632 | 28.00 | 0.631 | 28.05 | 0.638 |
| 100 | | 135 | 1 | 27.72 | 0.592 | 27.84 | 0.608 | 27.80 | 0.603 |
| 100 | | 135 | 67 | 27.95 | 0.624 | 28.01 | 0.632 | 27.94 | 0.622 |
| 100 | | 135 | 136 | 27.85 | 0.610 | 27.80 | 0.603 | 27.73 | 0.593 |
| 100 | | 270 | 0 | 27.87 | 0.612 | 27.99 | 0.630 | 27.90 | 0.617 |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 27.57 | 0.571 | 28.13 | 0.650 | 27.92 | 0.619 |
| 100 | | 1 | 136 | 27.79 | 0.601 | 27.85 | 0.610 | 27.85 | 0.610 |
| 100 | | 1 | 271 | 27.86 | 0.611 | 27.90 | 0.617 | 27.87 | 0.612 |
| 100 | | 135 | 1 | 27.73 | 0.593 | 27.88 | 0.614 | 27.90 | 0.617 |
| 100 | | 135 | 67 | 27.93 | 0.621 | 28.06 | 0.640 | 28.02 | 0.634 |
| 100 | | 135 | 136 | 27.86 | 0.611 | 27.91 | 0.618 | 27.78 | 0.600 |
| 100 | | 270 | 0 | 27.86 | 0.611 | 28.01 | 0.632 | 27.89 | 0.615 |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 26.53 | 0.450 | 26.72 | 0.470 | 26.83 | 0.482 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 25.14 | 0.327 | 25.41 | 0.348 | 25.42 | 0.348 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 22.89 | 0.195 | 23.11 | 0.205 | 23.24 | 0.211 |
| 100 | CP-OFDM QPSK | 1 | 1 | 26.15 | 0.412 | 26.32 | 0.429 | 26.39 | 0.436 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 25.64 | 0.366 | 25.89 | 0.388 | 25.98 | 0.396 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 23.75 | 0.237 | 23.86 | 0.243 | 23.85 | 0.243 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 20.96 | 0.125 | 21.24 | 0.133 | 21.28 | 0.134 |
| Channel | | | | 508200 | 508200 | 518598 | 518598 | 528996 | 528996 |
| Frequency (MHz) | | | | 2541.00 | 2541.00 | 2592.99 | 2592.99 | 2644.98 | 2644.98 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 27.54 | 0.568 | 27.94 | 0.622 | 27.86 | 0.611 |
| Channel | | | | 507204 | 507204 | 518598 | 518598 | 529998 | 529998 |
| Frequency (MHz) | | | | 2536.02 | 2536.02 | 2592.99 | 2592.99 | 2649.99 | 2649.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 27.61 | 0.577 | 28.00 | 0.631 | 27.92 | 0.619 |
| Channel | | | | 506202 | 506202 | 518598 | 518598 | 531000 | 531000 |
| Frequency (MHz) | | | | 2531.01 | 2531.01 | 2592.99 | 2592.99 | 2655.00 | 2655.00 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 27.61 | 0.577 | 28.04 | 0.637 | 27.92 | 0.619 |
| Channel | | | | 505200 | 505200 | 518598 | 518598 | 531996 | 531996 |
| Frequency (MHz) | | | | 2526.00 | 2526.00 | 2592.99 | 2592.99 | 2659.98 | 2659.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 27.66 | 0.583 | 28.01 | 0.632 | 27.97 | 0.627 |
| Channel | | | | 504204 | 504204 | 518598 | 518598 | 532998 | 532998 |
| Frequency (MHz) | | | | 2521.02 | 2521.02 | 2592.99 | 2592.99 | 2664.99 | 2664.99 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 27.80 | 0.603 | 28.11 | 0.647 | 28.01 | 0.632 |
| Channel | | | | 503202 | 503202 | 518598 | 518598 | 534000 | 534000 |
| Frequency (MHz) | | | | 2516.01 | 2516.01 | 2592.99 | 2592.99 | 2670.00 | 2670.00 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 27.78 | 0.600 | 28.09 | 0.644 | 28.06 | 0.640 |
| Channel | | | | 502200 | 502200 | 518598 | 518598 | 534996 | 534996 |
| Frequency (MHz) | | | | 2511.00 | 2511.00 | 2592.99 | 2592.99 | 2674.98 | 2674.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 27.69 | 0.587 | 28.09 | 0.644 | 27.93 | 0.621 |
| Channel | | | | 501204 | 501204 | 518598 | 518598 | 535998 | 535998 |
| Frequency (MHz) | | | | 2506.02 | 2506.02 | 2592.99 | 2592.99 | 2679.99 | 2679.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 27.76 | 0.597 | 28.08 | 0.643 | 27.98 | 0.628 |

| n41(PC3) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
| Channel | | | | 509202 | 509202 | 518598 | 518598 | 528000 | 528000 |
| Frequency (MHz) | | | | 2546.01 | 2546.01 | 2592.99 | 2592.99 | 2640 | 2640 |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 25.16 | 0.328 | 25.26 | 0.336 | 25.39 | 0.346 |
| 100 | | 1 | 136 | 25.31 | 0.340 | 25.27 | 0.337 | 25.22 | 0.333 |
| 100 | | 1 | 271 | 25.28 | 0.337 | 25.20 | 0.331 | 24.90 | 0.309 |
| 100 | | 135 | 1 | 25.26 | 0.336 | 25.39 | 0.346 | 25.36 | 0.344 |
| 100 | | 135 | 67 | 25.34 | 0.342 | 25.27 | 0.337 | 25.26 | 0.336 |
| 100 | | 135 | 136 | 25.39 | 0.346 | 25.33 | 0.341 | 24.88 | 0.308 |
| 100 | | 270 | 0 | 25.31 | 0.340 | 25.35 | 0.343 | 25.31 | 0.340 |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 25.23 | 0.333 | 25.42 | 0.348 | 25.36 | 0.344 |
| 100 | | 1 | 136 | 25.33 | 0.341 | 25.33 | 0.341 | 25.17 | 0.329 |
| 100 | | 1 | 271 | 25.29 | 0.338 | 25.21 | 0.332 | 24.83 | 0.304 |
| 100 | | 135 | 1 | 25.28 | 0.337 | 25.28 | 0.337 | 25.34 | 0.342 |
| 100 | | 135 | 67 | 25.32 | 0.340 | 25.41 | 0.348 | 25.27 | 0.337 |
| 100 | | 135 | 136 | 25.37 | 0.344 | 25.33 | 0.341 | 24.89 | 0.308 |
| 100 | | 270 | 0 | 24.95 | 0.313 | 25.27 | 0.337 | 24.97 | 0.314 |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 24.27 | 0.267 | 24.39 | 0.275 | 24.54 | 0.284 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 24.34 | 0.272 | 24.49 | 0.281 | 24.55 | 0.285 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 22.64 | 0.184 | 22.72 | 0.187 | 22.82 | 0.191 |
| 100 | CP-OFDM QPSK | 1 | 1 | 24.36 | 0.273 | 24.46 | 0.279 | 24.50 | 0.282 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 24.43 | 0.277 | 24.50 | 0.282 | 24.61 | 0.289 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 23.48 | 0.223 | 23.57 | 0.228 | 23.69 | 0.234 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 100 | CP-OFDM 256QAM | 1 | 1 | 20.78 | 0.120 | 20.80 | 0.120 | 20.85 | 0.122 |
| Channel | | | | 508200 | 508200 | 518598 | 518598 | 528996 | 528996 |
| Frequency (MHz) | | | | 2541.00 | 2541.00 | 2592.99 | 2592.99 | 2644.98 | 2644.98 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 24.80 | 0.302 | 25.29 | 0.338 | 25.02 | 0.318 |
| Channel | | | | 507204 | 507204 | 518598 | 518598 | 529998 | 529998 |
| Frequency (MHz) | | | | 2536.02 | 2536.02 | 2592.99 | 2592.99 | 2649.99 | 2649.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 24.84 | 0.305 | 25.31 | 0.340 | 25.07 | 0.321 |
| Channel | | | | 506202 | 506202 | 518598 | 518598 | 531000 | 531000 |
| Frequency (MHz) | | | | 2531.01 | 2531.01 | 2592.99 | 2592.99 | 2655.00 | 2655.00 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 24.86 | 0.306 | 25.27 | 0.337 | 25.09 | 0.323 |
| Channel | | | | 505200 | 505200 | 518598 | 518598 | 531996 | 531996 |
| Frequency (MHz) | | | | 2526.00 | 2526.00 | 2592.99 | 2592.99 | 2659.98 | 2659.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 24.96 | 0.313 | 25.26 | 0.336 | 25.08 | 0.322 |
| Channel | | | | 504204 | 504204 | 518598 | 518598 | 532998 | 532998 |
| Frequency (MHz) | | | | 2521.02 | 2521.02 | 2592.99 | 2592.99 | 2664.99 | 2664.99 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 24.97 | 0.314 | 25.27 | 0.337 | 25.07 | 0.321 |
| Channel | | | | 503202 | 503202 | 518598 | 518598 | 534000 | 534000 |
| Frequency (MHz) | | | | 2516.01 | 2516.01 | 2592.99 | 2592.99 | 2670.00 | 2670.00 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 25.03 | 0.318 | 25.27 | 0.337 | 24.99 | 0.316 |
| Channel | | | | 502200 | 502200 | 518598 | 518598 | 534996 | 534996 |
| Frequency (MHz) | | | | 2511.00 | 2511.00 | 2592.99 | 2592.99 | 2674.98 | 2674.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 24.94 | 0.312 | 25.30 | 0.339 | 24.79 | 0.301 |
| Channel | | | | 501204 | 501204 | 518598 | 518598 | 535998 | 535998 |
| Frequency (MHz) | | | | 2506.02 | 2506.02 | 2592.99 | 2592.99 | 2679.99 | 2679.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.93 | 0.311 | 25.28 | 0.337 | 24.69 | 0.294 |

## n48 (PC3)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 638000 | 638000 | 641666 | 641666 | 645332 | 645332 |
| Frequency (MHz) | | | | 3570.00 | 3570.00 | 3624.99 | 3624.99 | 3679.98 | 3679.98 |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 20.99 | 0.126 | 20.76 | 0.119 | 20.53 | 0.113 |
| 40 | | 1 | 53 | 20.93 | 0.124 | 20.14 | 0.103 | 20.67 | 0.117 |
| 40 | | 1 | 104 | 20.70 | 0.117 | 20.44 | 0.111 | 20.96 | 0.125 |
| 40 | | 50 | 1 | 20.97 | 0.125 | 20.44 | 0.111 | 20.57 | 0.114 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 40 | | 50 | 25 | 20.95 | 0.124 | 20.24 | 0.106 | 20.70 | 0.117 |
| 40 | | 50 | 50 | 20.73 | 0.118 | 20.25 | 0.106 | 20.69 | 0.117 |
| 40 | | 100 | 0 | 20.84 | 0.121 | 20.30 | 0.107 | 20.64 | 0.116 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 21.01 | 0.126 | 20.88 | 0.122 | 20.73 | 0.118 |
| 40 | | 1 | 53 | 20.93 | 0.124 | 20.15 | 0.104 | 20.70 | 0.117 |
| 40 | | 1 | 104 | 20.70 | 0.117 | 20.80 | 0.120 | 20.58 | 0.114 |
| 40 | | 50 | 1 | 21.00 | 0.126 | 20.87 | 0.122 | 20.80 | 0.120 |
| 40 | | 50 | 25 | 20.94 | 0.124 | 20.75 | 0.119 | 20.59 | 0.115 |
| 40 | | 50 | 50 | 20.79 | 0.120 | 20.74 | 0.119 | 20.71 | 0.118 |
| 40 | | 100 | 0 | 20.95 | 0.124 | 20.86 | 0.122 | 20.77 | 0.119 |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 20.93 | 0.124 | 20.64 | 0.116 | 20.44 | 0.111 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 19.43 | 0.088 | 19.30 | 0.085 | 18.97 | 0.079 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 17.27 | 0.053 | 17.06 | 0.051 | 16.75 | 0.047 |
| 40 | CP-OFDM QPSK | 1 | 1 | 20.51 | 0.112 | 19.81 | 0.096 | 19.98 | 0.100 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 20.00 | 0.100 | 19.92 | 0.098 | 19.53 | 0.090 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 18.08 | 0.064 | 17.99 | 0.063 | 17.60 | 0.058 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 15.30 | 0.034 | 15.03 | 0.032 | 14.86 | 0.031 |
| Channel | | | | 637334 | 637334 | 641666 | 641666 | 646000 | 646000 |
| Frequency (MHz) | | | | 3560.01 | 3560.01 | 3624.99 | 3624.99 | 3690.00 | 3690.00 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.91 | 0.123 | 20.68 | 0.117 | 20.45 | 0.111 |

## n66 (PC3)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 346000 | 346000 | 349000 | 349000 | 352000 | 352000 |
| Frequency (MHz) | | | | 1730.00 | 1730.00 | 1745.00 | 1745.00 | 1760.00 | 1760.00 |
| 40 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.87 | 0.307 | 24.95 | 0.313 | 25.11 | 0.324 |
| 40 | | 1 | 80 | 24.77 | 0.300 | 24.90 | 0.309 | 25.16 | 0.328 |
| 40 | | 1 | 158 | 24.93 | 0.311 | 25.06 | 0.321 | 25.09 | 0.323 |
| 40 | | 80 | 1 | 24.91 | 0.310 | 25.02 | 0.318 | 25.20 | 0.331 |
| 40 | | 80 | 40 | 24.85 | 0.305 | 25.04 | 0.319 | 25.30 | 0.339 |
| 40 | | 80 | 80 | 24.79 | 0.301 | 25.00 | 0.316 | 25.23 | 0.333 |
| 40 | | 160 | 0 | 24.87 | 0.307 | 24.98 | 0.315 | 25.25 | 0.335 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 25.26 | 0.336 | 25.27 | 0.337 | 25.41 | 0.348 |
| 40 | | 1 | 80 | 24.98 | 0.315 | 25.08 | 0.322 | 25.39 | 0.346 |
| 40 | | 1 | 158 | 24.95 | 0.313 | 25.16 | 0.328 | 25.34 | 0.342 |
| 40 | | 80 | 1 | 25.22 | 0.333 | 25.30 | 0.339 | 25.37 | 0.344 |
| 40 | | 80 | 40 | 25.02 | 0.318 | 25.22 | 0.333 | 25.36 | 0.344 |
| 40 | | 80 | 80 | 25.03 | 0.318 | 25.11 | 0.324 | 25.30 | 0.339 |
| 40 | | 160 | 0 | 25.13 | 0.326 | 25.33 | 0.341 | 25.36 | 0.344 |
| 40 | DFT-s-OFDM 16QAM | 1 | 1 | 24.66 | 0.292 | 24.74 | 0.298 | 24.83 | 0.304 |
| 40 | DFT-s-OFDM 64QAM | 1 | 1 | 23.20 | 0.209 | 23.23 | 0.210 | 23.50 | 0.224 |
| 40 | DFT-s-OFDM 256QAM | 1 | 1 | 20.92 | 0.124 | 20.99 | 0.126 | 21.23 | 0.133 |
| 40 | CP-OFDM QPSK | 1 | 1 | 24.15 | 0.260 | 24.23 | 0.265 | 24.36 | 0.273 |
| 40 | CP-OFDM 16QAM | 1 | 1 | 23.57 | 0.228 | 23.71 | 0.235 | 23.84 | 0.242 |
| 40 | CP-OFDM 64QAM | 1 | 1 | 21.87 | 0.154 | 22.01 | 0.159 | 22.04 | 0.160 |
| 40 | CP-OFDM 256QAM | 1 | 1 | 18.95 | 0.079 | 19.09 | 0.081 | 19.19 | 0.083 |
| Channel | | | | 343500 | 343500 | 349000 | 349000 | 354500 | 354500 |
| Frequency (MHz) | | | | 1717.50 | 1717.50 | 1745.00 | 1745.00 | 1772.50 | 1772.50 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.98 | 0.315 | 25.06 | 0.321 | 25.34 | 0.342 |
| Channel | | | | 343000 | 343000 | 349000 | 349000 | 355000 | 355000 |
| Frequency (MHz) | | | | 1715.00 | 1715.00 | 1745.00 | 1745.00 | 1775.00 | 1775.00 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.89 | 0.308 | 25.01 | 0.317 | 25.16 | 0.328 |
| Channel | | | | 342500 | 342500 | 349000 | 349000 | 355500 | 355500 |
| Frequency (MHz) | | | | 1712.50 | 1712.50 | 1745.00 | 1745.00 | 1777.50 | 1777.50 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 24.94 | 0.312 | 25.03 | 0.318 | 25.20 | 0.331 |

**n71**

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 134600 | 134600 | 136100 | 136100 | 137600 | 137600 |
| Frequency (MHz) | | | | 673.00 | 673.00 | 680.50 | 680.50 | 688.00 | 688.00 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 18.53 | 0.071 | 18.52 | 0.071 | 18.61 | 0.073 |
| 20 | | 1 | 53 | 18.52 | 0.071 | 18.65 | 0.073 | 18.69 | 0.074 |
| 20 | | 1 | 104 | 18.59 | 0.072 | 18.67 | 0.074 | 18.50 | 0.071 |
| 20 | | 50 | 1 | 18.62 | 0.073 | 18.62 | 0.073 | 18.65 | 0.073 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 20 | | 50 | 25 | 18.55 | 0.072 | 18.66 | 0.073 | 18.61 | 0.073 |
| 20 | | 50 | 50 | 18.57 | 0.072 | 18.69 | 0.074 | 18.66 | 0.073 |
| 20 | | 100 | 0 | 18.62 | 0.073 | 18.60 | 0.072 | 18.57 | 0.072 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 18.79 | 0.076 | 18.77 | 0.075 | 18.83 | 0.076 |
| 20 | | 1 | 53 | 18.47 | 0.070 | 18.58 | 0.072 | 18.64 | 0.073 |
| 20 | | 1 | 104 | 18.52 | 0.071 | 18.56 | 0.072 | 18.42 | 0.070 |
| 20 | | 50 | 1 | 18.61 | 0.073 | 18.67 | 0.074 | 18.76 | 0.075 |
| 20 | | 50 | 25 | 18.57 | 0.072 | 18.62 | 0.073 | 18.63 | 0.073 |
| 20 | | 50 | 50 | 18.62 | 0.073 | 18.59 | 0.072 | 18.62 | 0.073 |
| 20 | | 100 | 0 | 18.60 | 0.072 | 18.56 | 0.072 | 18.71 | 0.074 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 18.24 | 0.067 | 18.09 | 0.064 | 18.21 | 0.066 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 16.72 | 0.047 | 16.66 | 0.046 | 16.76 | 0.047 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 14.33 | 0.027 | 14.29 | 0.027 | 14.27 | 0.027 |
| 20 | CP-OFDM QPSK | 1 | 1 | 17.83 | 0.061 | 17.74 | 0.059 | 17.71 | 0.059 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 17.23 | 0.053 | 17.09 | 0.051 | 17.11 | 0.051 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 15.40 | 0.035 | 15.63 | 0.037 | 15.70 | 0.037 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 12.34 | 0.017 | 12.28 | 0.017 | 12.39 | 0.017 |
| Channel | | | | 134100 | 134100 | 136100 | 136100 | 138100 | 138100 |
| Frequency (MHz) | | | | 670.50 | 670.50 | 680.50 | 680.50 | 690.50 | 690.50 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 18.56 | 0.072 | 18.49 | 0.071 | 18.69 | 0.074 |
| Channel | | | | 133600 | 133600 | 136100 | 136100 | 138600 | 138600 |
| Frequency (MHz) | | | | 668.00 | 668.00 | 680.50 | 680.50 | 693.00 | 693.00 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 18.65 | 0.073 | 18.59 | 0.072 | 18.67 | 0.074 |
| Channel | | | | 133100 | 133100 | 136100 | 136100 | 139100 | 139100 |
| Frequency (MHz) | | | | 665.50 | 665.50 | 680.50 | 680.50 | 695.50 | 695.50 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 18.57 | 0.072 | 18.58 | 0.072 | 18.59 | 0.072 |

## n77(3450-3550MHz) (PC2)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | / | / | 633334 | 633334 | / | / |
| Frequency (MHz) | | | | / | / | 3500.01 | 3500.01 | / | / |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | / | 23.99 | 0.251 | / | / |
| 100 | | 1 | 136 | / | / | 23.76 | 0.238 | / | / |
| 100 | | 1 | 271 | / | / | 23.64 | 0.231 | / | / |
| 100 | | 135 | 1 | / | / | 23.38 | 0.218 | / | / |
| 100 | | 135 | 67 | / | / | 23.44 | 0.221 | / | / |
| 100 | | 135 | 136 | / | / | 23.19 | 0.208 | / | / |
| 100 | | 270 | 0 | / | / | 23.44 | 0.221 | / | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | / | 24.08 | 0.256 | / | / |
| 100 | | 1 | 136 | / | / | 23.80 | 0.240 | / | / |
| 100 | | 1 | 271 | / | / | 23.45 | 0.221 | / | / |
| 100 | | 135 | 1 | / | / | 23.55 | 0.226 | / | / |
| 100 | | 135 | 67 | / | / | 23.99 | 0.251 | / | / |
| 100 | | 135 | 136 | / | / | 23.65 | 0.232 | / | / |
| 100 | | 270 | 0 | / | / | 23.91 | 0.246 | / | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | / | 22.56 | 0.180 | / | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | / | 21.19 | 0.132 | / | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | / | 18.99 | 0.079 | / | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | / | 22.19 | 0.166 | / | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | / | 21.78 | 0.151 | / | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | / | 19.62 | 0.092 | / | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | / | 17.13 | 0.052 | / | / |
| Channel | | | | 632668 | 632668 | 633334 | 633334 | 634000 | 634000 |
| Frequency (MHz) | | | | 3490.02 | 3490.02 | 3500.01 | 3500.01 | 3510.00 | 3510.00 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.77 | 0.238 | 23.94 | 0.248 | 23.51 | 0.224 |
| Channel | | | | 632000 | 632000 | 633334 | 633334 | 634666 | 634666 |
| Frequency (MHz) | | | | 3480.00 | 3480.00 | 3500.01 | 3500.01 | 3519.99 | 3519.99 |
| 60 | DFT-s-OFDM | 1 | 1 | 23.74 | 0.237 | 23.79 | 0.239 | 23.39 | 0.218 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | QPSK | | | | | | | | |
| Channel | | | | 631334 | 631334 | 633334 | 633334 | 635332 | 635332 |
| Frequency (MHz) | | | | 3470.01 | 3470.01 | 3500.01 | 3500.01 | 3529.98 | 3529.98 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 24.00 | 0.251 | 24.02 | 0.252 | 23.73 | 0.236 |
| Channel | | | | 631000 | 631000 | 633334 | 633334 | 635666 | 635666 |
| Frequency (MHz) | | | | 3465.00 | 3465.00 | 3500.01 | 3500.01 | 3534.99 | 3534.99 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 23.98 | 0.250 | 24.00 | 0.251 | 23.57 | 0.228 |
| Channel | | | | 630668 | 630668 | 633334 | 633334 | 636000 | 636000 |
| Frequency (MHz) | | | | 3460.02 | 3460.02 | 3500.01 | 3500.01 | 3540.00 | 3540.00 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.02 | 0.252 | 24.04 | 0.254 | 23.56 | 0.227 |

## n77(3700-3980MHz) (PC2)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | 650000 | 650000 | 656000 | 656000 | 662000 | 662000 |
| Frequency (MHz) | | | | 3750.00 | 3750.00 | 3840.00 | 3840.00 | 3930.00 | 3930.00 |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.43 | 0.220 | 23.61 | 0.230 | 23.18 | 0.208 |
| 100 | | 1 | 136 | 23.92 | 0.247 | 23.28 | 0.213 | 23.16 | 0.207 |
| 100 | | 1 | 271 | 23.89 | 0.245 | 23.88 | 0.244 | 23.97 | 0.249 |
| 100 | | 135 | 1 | 23.51 | 0.224 | 23.75 | 0.237 | 23.44 | 0.221 |
| 100 | | 135 | 67 | 23.91 | 0.246 | 23.32 | 0.215 | 23.98 | 0.250 |
| 100 | | 135 | 136 | 23.33 | 0.215 | 23.23 | 0.210 | 23.87 | 0.244 |
| 100 | | 270 | 0 | 23.33 | 0.215 | 23.18 | 0.208 | 23.08 | 0.203 |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 23.97 | 0.249 | 23.85 | 0.243 | 23.94 | 0.248 |
| 100 | | 1 | 136 | 23.88 | 0.244 | 23.42 | 0.220 | 23.29 | 0.213 |
| 100 | | 1 | 271 | 22.92 | 0.196 | 23.13 | 0.206 | 23.42 | 0.220 |
| 100 | | 135 | 1 | 23.12 | 0.205 | 23.42 | 0.220 | 23.47 | 0.222 |
| 100 | | 135 | 67 | 23.92 | 0.247 | 23.80 | 0.240 | 23.71 | 0.235 |
| 100 | | 135 | 136 | 23.31 | 0.214 | 23.42 | 0.220 | 23.87 | 0.244 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 100 | | 270 | 0 | 23.82 | 0.241 | 23.84 | 0.242 | 23.75 | 0.237 |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 22.02 | 0.159 | 22.16 | 0.164 | 21.60 | 0.145 |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.68 | 0.117 | 20.76 | 0.119 | 20.25 | 0.106 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 18.40 | 0.069 | 18.44 | 0.070 | 18.05 | 0.064 |
| 100 | CP-OFDM QPSK | 1 | 1 | 21.66 | 0.147 | 21.63 | 0.146 | 21.24 | 0.133 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 21.16 | 0.131 | 21.13 | 0.130 | 20.76 | 0.119 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 20.03 | 0.101 | 19.98 | 0.100 | 19.34 | 0.086 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 16.47 | 0.044 | 16.47 | 0.044 | 16.09 | 0.041 |
| Channel | | | | 649334 | 649334 | 656000 | 656000 | 662666 | 662666 |
| Frequency (MHz) | | | | 3740.01 | 3740.01 | 3840.00 | 3840.00 | 3939.99 | 3939.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.60 | 0.229 | 23.56 | 0.227 | 23.51 | 0.224 |
| Channel | | | | 648668 | 648668 | 656000 | 656000 | 663332 | 663332 |
| Frequency (MHz) | | | | 3730.02 | 3730.02 | 3840.00 | 3840.00 | 3949.98 | 3949.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 23.47 | 0.222 | 23.42 | 0.220 | 23.43 | 0.220 |
| Channel | | | | 648000 | 648000 | 656000 | 656000 | 664000 | 664000 |
| Frequency (MHz) | | | | 3720.00 | 3720.00 | 3840.00 | 3840.00 | 3960.00 | 3960.00 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.63 | 0.231 | 23.34 | 0.216 | 23.37 | 0.217 |
| Channel | | | | 647668 | 647668 | 656000 | 656000 | 664332 | 664332 |
| Frequency (MHz) | | | | 3715.02 | 3715.02 | 3840.00 | 3840.00 | 3964.98 | 3964.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 23.48 | 0.223 | 23.52 | 0.225 | 23.47 | 0.222 |
| Channel | | | | 647334 | 647334 | 656000 | 656000 | 664666 | 664666 |
| Frequency (MHz) | | | | 3710.01 | 3710.01 | 3840.00 | 3840.00 | 3969.99 | 3969.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.45 | 0.221 | 23.60 | 0.229 | 23.50 | 0.224 |

## n77(3450-3550MHz) (PC3)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | / | / | 633334 | 633334 | / | / |
| Frequency (MHz) | | | | / | / | 3500.01 | 3500.01 | / | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | / | 20.85 | 0.122 | / | / |
| 10 | | 1 | 136 | / | / | 20.50 | 0.112 | / | / |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | | | |
| 100 | | 1 | 271 | / | / | 20.61 | 0.115 | / | / |
| 100 | | 135 | 1 | / | / | 20.65 | 0.116 | / | / |
| 100 | | 135 | 67 | / | / | 20.61 | 0.115 | / | / |
| 100 | | 135 | 136 | / | / | 20.31 | 0.107 | / | / |
| 100 | | 270 | 0 | / | / | 20.67 | 0.117 | / | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | / | 20.95 | 0.124 | / | / |
| 100 | | 1 | 136 | / | / | 20.56 | 0.114 | / | / |
| 100 | | 1 | 271 | / | / | 20.68 | 0.117 | / | / |
| 100 | | 135 | 1 | / | / | 20.68 | 0.117 | / | / |
| 100 | | 135 | 67 | / | / | 20.86 | 0.122 | / | / |
| 100 | | 135 | 136 | / | / | 20.36 | 0.109 | / | / |
| 100 | | 270 | 0 | / | / | 20.77 | 0.119 | / | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | / | 20.51 | 0.112 | / | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | / | 19.94 | 0.099 | / | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | / | 18.92 | 0.078 | / | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | / | 20.63 | 0.116 | / | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | / | 20.61 | 0.115 | / | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | / | 19.71 | 0.094 | / | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | / | 16.92 | 0.049 | / | / |
| Channel | | | | 632668 | 632668 | 633334 | 633334 | 634000 | 634000 |
| Frequency (MHz) | | | | 3490.02 | 3490.02 | 3500.01 | 3500.01 | 3510.00 | 3510.00 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.64 | 0.116 | 20.83 | 0.121 | 20.57 | 0.114 |
| Channel | | | | 632000 | 632000 | 633334 | 633334 | 634666 | 634666 |
| Frequency (MHz) | | | | 3480.00 | 3480.00 | 3500.01 | 3500.01 | 3519.99 | 3519.99 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.71 | 0.118 | 20.73 | 0.118 | 20.47 | 0.111 |
| Channel | | | | 631334 | 631334 | 633334 | 633334 | 635332 | 635332 |
| Frequency (MHz) | | | | 3470.01 | 3470.01 | 3500.01 | 3500.01 | 3529.98 | 3529.98 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.77 | 0.119 | 20.80 | 0.120 | 20.66 | 0.116 |
| Channel | | | | 631000 | 631000 | 633334 | 633334 | 635666 | 635666 |
| Frequency (MHz) | | | | 3465.00 | 3465.00 | 3500.01 | 3500.01 | 3534.99 | 3534.99 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 20.76 | 0.119 | 20.85 | 0.122 | 20.55 | 0.114 |
| Channel | | | | 630668 | 630668 | 633334 | 633334 | 636000 | 636000 |
| Frequency (MHz) | | | | 3460.02 | 3460.02 | 3500.01 | 3500.01 | 3540.00 | 3540.00 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.92 | 0.124 | 20.94 | 0.124 | 20.51 | 0.112 |

| n77(3700-3980MHz) (PC3) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
| Channel | | | | 650000 | 650000 | 656000 | 656000 | 662000 | 662000 |
| Frequency (MHz) | | | | 3750.00 | 3750.00 | 3840.00 | 3840.00 | 3930.00 | 3930.00 |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 20.23 | 0.105 | 20.66 | 0.116 | 20.70 | 0.117 |
| 100 | | 1 | 136 | 20.90 | 0.123 | 20.38 | 0.109 | 20.68 | 0.117 |
| 100 | | 1 | 271 | 20.70 | 0.117 | 20.48 | 0.112 | 20.58 | 0.114 |
| 100 | | 135 | 1 | 20.83 | 0.121 | 20.42 | 0.110 | 20.65 | 0.116 |
| 100 | | 135 | 67 | 20.74 | 0.119 | 20.47 | 0.111 | 20.74 | 0.119 |
| 100 | | 135 | 136 | 20.63 | 0.116 | 20.16 | 0.104 | 20.75 | 0.119 |
| 100 | | 270 | 0 | 20.66 | 0.116 | 20.41 | 0.110 | 20.74 | 0.119 |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | 20.92 | 0.124 | 20.78 | 0.120 | 20.83 | 0.121 |
| 100 | | 1 | 136 | 20.87 | 0.122 | 20.36 | 0.109 | 20.67 | 0.117 |
| 100 | | 1 | 271 | 20.71 | 0.118 | 20.89 | 0.123 | 20.67 | 0.117 |
| 100 | | 135 | 1 | 20.47 | 0.111 | 20.80 | 0.120 | 20.55 | 0.114 |
| 100 | | 135 | 67 | 20.71 | 0.118 | 20.86 | 0.122 | 20.72 | 0.118 |
| 100 | | 135 | 136 | 20.59 | 0.115 | 20.50 | 0.112 | 20.75 | 0.119 |
| 100 | | 270 | 0 | 20.59 | 0.115 | 20.50 | 0.112 | 20.76 | 0.119 |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | 20.04 | 0.101 | 20.03 | 0.101 | 19.88 | 0.097 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | 20.00 | 0.100 | 20.05 | 0.101 | 19.83 | 0.096 |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | 18.45 | 0.070 | 18.89 | 0.077 | 18.54 | 0.071 |
| 100 | CP-OFDM QPSK | 1 | 1 | 20.12 | 0.103 | 20.07 | 0.102 | 20.02 | 0.100 |
| 100 | CP-OFDM 16QAM | 1 | 1 | 20.22 | 0.105 | 20.14 | 0.103 | 20.10 | 0.102 |
| 100 | CP-OFDM 64QAM | 1 | 1 | 19.25 | 0.084 | 19.23 | 0.084 | 19.28 | 0.085 |
| 100 | CP-OFDM 256QAM | 1 | 1 | 16.38 | 0.043 | 16.84 | 0.048 | 16.30 | 0.043 |
| Channel | | | | 649334 | 649334 | 656000 | 656000 | 662666 | 662666 |
| Frequency (MHz) | | | | 3740.01 | 3740.01 | 3840.00 | 3840.00 | 3939.99 | 3939.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.46 | 0.111 | 20.38 | 0.109 | 20.55 | 0.114 |
| Channel | | | | 648668 | 648668 | 656000 | 656000 | 663332 | 663332 |
| Frequency (MHz) | | | | 3730.02 | 3730.02 | 3840.00 | 3840.00 | 3949.98 | 3949.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.32 | 0.108 | 20.28 | 0.107 | 20.45 | 0.111 |
| Channel | | | | 648000 | 648000 | 656000 | 656000 | 664000 | 664000 |
| Frequency (MHz) | | | | 3720.00 | 3720.00 | 3840.00 | 3840.00 | 3960.00 | 3960.00 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.60 | 0.115 | 20.35 | 0.108 | 20.71 | 0.118 |
| Channel | | | | 647668 | 647668 | 656000 | 656000 | 664332 | 664332 |
| Frequency (MHz) | | | | 3715.02 | 3715.02 | 3840.00 | 3840.00 | 3964.98 | 3964.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 20.46 | 0.111 | 20.35 | 0.108 | 20.80 | 0.120 |
| Channel | | | | 647334 | 647334 | 656000 | 656000 | 664666 | 664666 |
| Frequency (MHz) | | | | 3710.01 | 3710.01 | 3840.00 | 3840.00 | 3969.99 | 3969.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.40 | 0.110 | 20.42 | 0.110 | 20.64 | 0.116 |

## n78(3450-3550MHz)(PC2)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | / | / | 633334 | 633334 | / | / |
| Frequency (MHz) | | | | / | / | 3500.01 | 3500.01 | / | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | / | 23.86 | 0.243 | / | / |
| 100 | | 1 | 136 | / | / | 23.72 | 0.236 | / | / |
| 100 | | 1 | 271 | / | / | 23.69 | 0.234 | / | / |
| 10 | | 13 | 1 | / | / | 23.44 | 0.221 | / | / |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | 5 | | | | | | | |
| 100 | | 135 | 67 | / | / | 23.61 | 0.230 | / | / |
| 100 | | 135 | 136 | / | / | 23.40 | 0.219 | / | / |
| 100 | | 270 | 0 | / | / | 23.55 | 0.226 | / | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | / | 23.99 | 0.251 | / | / |
| 100 | | 1 | 136 | / | / | 23.90 | 0.245 | / | / |
| 100 | | 1 | 271 | / | / | 23.63 | 0.231 | / | / |
| 100 | | 135 | 1 | / | / | 23.50 | 0.224 | / | / |
| 100 | | 135 | 67 | / | / | 23.94 | 0.248 | / | / |
| 100 | | 135 | 136 | / | / | 23.61 | 0.230 | / | / |
| 100 | | 270 | 0 | / | / | 23.91 | 0.246 | / | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | / | 22.22 | 0.167 | / | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | / | 20.98 | 0.125 | / | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | / | 18.68 | 0.074 | / | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | / | 21.91 | 0.155 | / | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | / | 21.39 | 0.138 | / | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | / | 20.33 | 0.108 | / | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | / | 16.70 | 0.047 | / | / |
| Channel | | | | 633000 | 633000 | 633334 | 633334 | 633666 | 633666 |
| Frequency (MHz) | | | | 3495.00 | 3495.00 | 3500.01 | 3500.01 | 3504.99 | 3504.99 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 23.58 | 0.228 | 23.81 | 0.240 | 23.56 | 0.227 |
| Channel | | | | 632668 | 632668 | 633334 | 633334 | 634000 | 634000 |
| Frequency (MHz) | | | | 3490.02 | 3490.02 | 3500.01 | 3500.01 | 3510.00 | 3510.00 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.66 | 0.232 | 23.93 | 0.247 | 23.50 | 0.224 |
| Channel | | | | 632334 | 632334 | 633334 | 633334 | 634332 | 634332 |
| Frequency (MHz) | | | | 3485.01 | 3485.01 | 3500.01 | 3500.01 | 3514.98 | 3514.98 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.44 | 0.221 | 23.94 | 0.248 | 23.57 | 0.228 |
| Channel | | | | 632000 | 632000 | 633334 | 633334 | 634666 | 634666 |

| Frequency (MHz) | | | | 3480.00 | 3480.00 | 3500.01 | 3500.01 | 3519.99 | 3519.99 |
|---|---|---|---|---|---|---|---|---|---|
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 23.47 | 0.222 | 23.87 | 0.244 | 23.61 | 0.230 |
| Channel | | | | 631668 | 631668 | 633334 | 633334 | 635000 | 635000 |
| Frequency (MHz) | | | | 3475.02 | 3475.02 | 3500.01 | 3500.01 | 3525.00 | 3525.00 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 23.41 | 0.219 | 23.84 | 0.242 | 23.36 | 0.217 |
| Channel | | | | 631334 | 631334 | 633334 | 633334 | 635332 | 635332 |
| Frequency (MHz) | | | | 3470.01 | 3470.01 | 3500.01 | 3500.01 | 3529.98 | 3529.98 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.76 | 0.238 | 23.95 | 0.248 | 23.58 | 0.228 |
| Channel | | | | 631000 | 631000 | 633334 | 633334 | 635666 | 635666 |
| Frequency (MHz) | | | | 3465.00 | 3465.00 | 3500.01 | 3500.01 | 3534.99 | 3534.99 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 23.69 | 0.234 | 23.84 | 0.242 | 23.50 | 0.224 |
| Channel | | | | 630668 | 630668 | 633334 | 633334 | 636000 | 636000 |
| Frequency (MHz) | | | | 3460.02 | 3460.02 | 3500.01 | 3500.01 | 3540.00 | 3540.00 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.64 | 0.231 | 23.82 | 0.241 | 23.57 | 0.228 |

## n78(3700-3800MHz)(PC2)

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | / | / | 650000 | 650000 | / | / |
| Frequency (MHz) | | | | / | / | 3750.00 | 3750.00 | / | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | / | 23.77 | 0.238 | / | / |
| 100 | | 1 | 136 | / | / | 23.61 | 0.230 | / | / |
| 100 | | 1 | 271 | / | / | 23.72 | 0.236 | / | / |
| 100 | | 135 | 1 | / | / | 23.65 | 0.232 | / | / |
| 100 | | 135 | 67 | / | / | 23.69 | 0.234 | / | / |
| 100 | | 135 | 136 | / | / | 23.66 | 0.232 | / | / |
| 100 | | 270 | 0 | / | / | 23.44 | 0.221 | / | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | / | 23.89 | 0.245 | / | / |
| 100 | | 1 | 136 | / | / | 23.62 | 0.230 | / | / |
| 100 | | 1 | 271 | / | / | 23.51 | 0.224 | / | / |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 100 | | 135 | 1 | / | / | 23.43 | 0.220 | / | / |
| 100 | | 135 | 67 | / | / | 23.86 | 0.243 | / | / |
| 100 | | 135 | 136 | / | / | 23.63 | 0.231 | / | / |
| 100 | | 270 | 0 | / | / | 23.77 | 0.238 | / | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | / | 21.92 | 0.156 | / | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | / | 20.78 | 0.120 | / | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | / | 18.27 | 0.067 | / | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | / | 21.83 | 0.152 | / | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | / | 20.91 | 0.123 | / | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | / | 18.74 | 0.075 | / | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | / | 16.25 | 0.042 | / | / |
| Channel | | | | 649668 | 649668 | 650000 | 650000 | 650332 | 650332 |
| Frequency (MHz) | | | | 3745.02 | 3745.02 | 3750.00 | 3750.00 | 3754.98 | 3754.98 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 23.33 | 0.215 | 23.74 | 0.237 | 23.54 | 0.226 |
| Channel | | | | 649334 | 649334 | 650000 | 650000 | 650666 | 650666 |
| Frequency (MHz) | | | | 3740.01 | 3740.01 | 3750.00 | 3750.00 | 3759.99 | 3759.99 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 23.40 | 0.219 | 23.75 | 0.237 | 23.73 | 0.236 |
| Channel | | | | 649000 | 649000 | 650000 | 650000 | 651000 | 651000 |
| Frequency (MHz) | | | | 3735.00 | 3735.00 | 3750.00 | 3750.00 | 3765.00 | 3765.00 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 23.43 | 0.220 | 23.69 | 0.234 | 23.50 | 0.224 |
| Channel | | | | 648668 | 648668 | 650000 | 650000 | 651332 | 651332 |
| Frequency (MHz) | | | | 3730.02 | 3730.02 | 3750.00 | 3750.00 | 3769.98 | 3769.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 23.26 | 0.212 | 23.71 | 0.235 | 23.23 | 0.210 |
| Channel | | | | 648334 | 648334 | 650000 | 650000 | 651666 | 651666 |
| Frequency (MHz) | | | | 3725.01 | 3725.01 | 3750.00 | 3750.00 | 3774.99 | 3774.99 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 23.43 | 0.220 | 23.76 | 0.238 | 23.50 | 0.224 |
| Channel | | | | 648000 | 648000 | 650000 | 650000 | 652000 | 652000 |
| Frequency (MHz) | | | | 3720.00 | 3720.00 | 3750.00 | 3750.00 | 3780.00 | 3780.00 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 23.57 | 0.228 | 23.73 | 0.236 | 23.50 | 0.224 |
| Channel | | | | 647668 | 647668 | 650000 | 650000 | 652332 | 652332 |
| Frequency (MHz) | | | | 3715.02 | 3715.02 | 3750.00 | 3750.00 | 3784.98 | 3784.98 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 23.64 | 0.231 | 23.76 | 0.238 | 23.65 | 0.232 |
| Channel | | | | 647334 | 647334 | 650000 | 650000 | 652666 | 652666 |
| Frequency (MHz) | | | | 3710.01 | 3710.01 | 3750.00 | 3750.00 | 3789.99 | 3789.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.64 | 0.231 | 23.87 | 0.244 | 23.85 | 0.243 |

## n78(3450-3550MHz)(PC2)（ANT8）

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|
| Channel | | | | / | / | 633334 | 633334 | / | / |
| Frequency (MHz) | | | | / | / | 3500.01 | 3500.01 | / | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | / | 20.89 | 0.123 | / | / |
| 100 | | 1 | 136 | / | / | 20.82 | 0.121 | / | / |
| 100 | | 1 | 271 | / | / | 20.77 | 0.119 | / | / |
| 100 | | 135 | 1 | / | / | 20.82 | 0.121 | / | / |
| 100 | | 135 | 67 | / | / | 20.87 | 0.122 | / | / |
| 100 | | 135 | 136 | / | / | 20.79 | 0.120 | / | / |
| 100 | | 270 | 0 | / | / | 20.83 | 0.121 | / | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | / | 20.93 | 0.124 | / | / |
| 100 | | 1 | 136 | / | / | 20.81 | 0.121 | / | / |
| 100 | | 1 | 271 | / | / | 20.78 | 0.120 | / | / |
| 100 | | 135 | 1 | / | / | 20.82 | 0.121 | / | / |
| 100 | | 135 | 67 | / | / | 20.89 | 0.123 | / | / |
| 100 | | 135 | 136 | / | / | 20.80 | 0.120 | / | / |
| 100 | | 270 | 0 | / | / | 20.80 | 0.120 | / | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | / | 19.99 | 0.100 | / | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | / | 20.11 | 0.103 | / | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | / | 18.27 | 0.067 | / | / |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 100 | CP-OFDM QPSK | 1 | 1 | / | / | 19.98 | 0.100 | / | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | / | 20.09 | 0.102 | / | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | / | 19.13 | 0.082 | / | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | / | 16.30 | 0.043 | / | / |
| Channel | | | | 633000 | 633000 | 633334 | 633334 | 633666 | 633666 |
| Frequency (MHz) | | | | 3495.00 | 3495.00 | 3500.01 | 3500.01 | 3504.99 | 3504.99 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.53 | 0.113 | 20.73 | 0.118 | 20.52 | 0.113 |
| Channel | | | | 632668 | 632668 | 633334 | 633334 | 634000 | 634000 |
| Frequency (MHz) | | | | 3490.02 | 3490.02 | 3500.01 | 3500.01 | 3510.00 | 3510.00 |
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.60 | 0.115 | 20.84 | 0.121 | 20.49 | 0.112 |
| Channel | | | | 632334 | 632334 | 633334 | 633334 | 634332 | 634332 |
| Frequency (MHz) | | | | 3485.01 | 3485.01 | 3500.01 | 3500.01 | 3514.98 | 3514.98 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.63 | 0.116 | 20.84 | 0.121 | 20.54 | 0.113 |
| Channel | | | | 632000 | 632000 | 633334 | 633334 | 634666 | 634666 |
| Frequency (MHz) | | | | 3480.00 | 3480.00 | 3500.01 | 3500.01 | 3519.99 | 3519.99 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.64 | 0.116 | 20.70 | 0.117 | 20.46 | 0.111 |
| Channel | | | | 631668 | 631668 | 633334 | 633334 | 635000 | 635000 |
| Frequency (MHz) | | | | 3475.02 | 3475.02 | 3500.01 | 3500.01 | 3525.00 | 3525.00 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.53 | 0.113 | 20.73 | 0.118 | 20.53 | 0.113 |
| Channel | | | | 631334 | 631334 | 633334 | 633334 | 635332 | 635332 |
| Frequency (MHz) | | | | 3470.01 | 3470.01 | 3500.01 | 3500.01 | 3529.98 | 3529.98 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.72 | 0.118 | 20.87 | 0.122 | 20.77 | 0.119 |
| Channel | | | | 631000 | 631000 | 633334 | 633334 | 635666 | 635666 |
| Frequency (MHz) | | | | 3465.00 | 3465.00 | 3500.01 | 3500.01 | 3534.99 | 3534.99 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 20.64 | 0.116 | 20.75 | 0.119 | 20.66 | 0.116 |
| Channel | | | | 630668 | 630668 | 633334 | 633334 | 636000 | 636000 |
| Frequency (MHz) | | | | 3460.02 | 3460.02 | 3500.01 | 3500.01 | 3540.00 | 3540.00 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.59 | 0.115 | 20.74 | 0.119 | 20.68 | 0.117 |

## n78(3700-3800MHz)(PC3)（ANT8）

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel /dBm | Low Channel /Watt | Middle Channel /dBm | Middle Channel /Watt | High Channel /dBm | High Channel /Watt |
|---|---|---|---|---|---|---|---|---|---|

| Channel | | | | / | / | 650000 | 650000 | / | / |
|---|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | | | | / | / | 3750.00 | 3750.00 | / | / |
| 100 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | / | / | 20.76 | 0.119 | / | / |
| 100 | | 1 | 136 | / | / | 20.62 | 0.115 | / | / |
| 100 | | 1 | 271 | / | / | 20.68 | 0.117 | / | / |
| 100 | | 135 | 1 | / | / | 20.68 | 0.117 | / | / |
| 100 | | 135 | 67 | / | / | 20.59 | 0.115 | / | / |
| 100 | | 135 | 136 | / | / | 20.56 | 0.114 | / | / |
| 100 | | 270 | 0 | / | / | 20.38 | 0.109 | / | / |
| 100 | DFT-s-OFDM QPSK | 1 | 1 | / | / | 20.97 | 0.125 | / | / |
| 100 | | 1 | 136 | / | / | 20.66 | 0.116 | / | / |
| 100 | | 1 | 271 | / | / | 20.76 | 0.119 | / | / |
| 100 | | 135 | 1 | / | / | 20.59 | 0.115 | / | / |
| 100 | | 135 | 67 | / | / | 20.88 | 0.122 | / | / |
| 100 | | 135 | 136 | / | / | 20.72 | 0.118 | / | / |
| 100 | | 270 | 0 | / | / | 20.86 | 0.122 | / | / |
| 100 | DFT-s-OFDM 16QAM | 1 | 1 | / | / | 20.04 | 0.101 | / | / |
| 100 | DFT-s-OFDM 64QAM | 1 | 1 | / | / | 20.10 | 0.102 | / | / |
| 100 | DFT-s-OFDM 256QAM | 1 | 1 | / | / | 18.26 | 0.067 | / | / |
| 100 | CP-OFDM QPSK | 1 | 1 | / | / | 19.99 | 0.100 | / | / |
| 100 | CP-OFDM 16QAM | 1 | 1 | / | / | 20.03 | 0.101 | / | / |
| 100 | CP-OFDM 64QAM | 1 | 1 | / | / | 19.01 | 0.080 | / | / |
| 100 | CP-OFDM 256QAM | 1 | 1 | / | / | 16.24 | 0.042 | / | / |
| Channel | | | | 649668 | 649668 | 650000 | 650000 | 650332 | 650332 |
| Frequency (MHz) | | | | 3745.02 | 3745.02 | 3750.00 | 3750.00 | 3754.98 | 3754.98 |
| 90 | DFT-s-OFDM QPSK | 1 | 1 | 20.76 | 0.119 | 20.78 | 0.120 | 20.64 | 0.116 |
| Channel | | | | 649334 | 649334 | 650000 | 650000 | 650666 | 650666 |

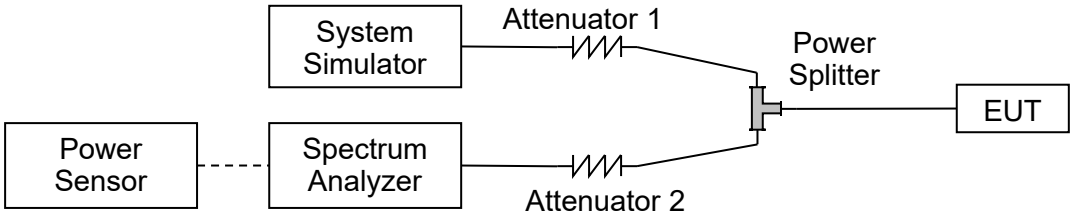
| Frequency (MHz) | | | | 3740.01 | 3740.01 | 3750.00 | 3750.00 | 3759.99 | 3759.99 |
|---|---|---|---|---|---|---|---|---|---|
| 80 | DFT-s-OFDM QPSK | 1 | 1 | 20.52 | 0.113 | 20.79 | 0.120 | 20.61 | 0.115 |
| Channel | | | | 649000 | 649000 | 650000 | 650000 | 651000 | 651000 |
| Frequency (MHz) | | | | 3735.00 | 3735.00 | 3750.00 | 3750.00 | 3765.00 | 3765.00 |
| 70 | DFT-s-OFDM QPSK | 1 | 1 | 20.45 | 0.111 | 20.74 | 0.119 | 20.69 | 0.117 |
| Channel | | | | 648668 | 648668 | 650000 | 650000 | 651332 | 651332 |
| Frequency (MHz) | | | | 3730.02 | 3730.02 | 3750.00 | 3750.00 | 3769.98 | 3769.98 |
| 60 | DFT-s-OFDM QPSK | 1 | 1 | 20.31 | 0.107 | 20.72 | 0.118 | 20.44 | 0.111 |
| Channel | | | | 648334 | 648334 | 650000 | 650000 | 651666 | 651666 |
| Frequency (MHz) | | | | 3725.01 | 3725.01 | 3750.00 | 3750.00 | 3774.99 | 3774.99 |
| 50 | DFT-s-OFDM QPSK | 1 | 1 | 20.23 | 0.105 | 20.77 | 0.119 | 20.51 | 0.112 |
| Channel | | | | 648000 | 648000 | 650000 | 650000 | 652000 | 652000 |
| Frequency (MHz) | | | | 3720.00 | 3720.00 | 3750.00 | 3750.00 | 3780.00 | 3780.00 |
| 40 | DFT-s-OFDM QPSK | 1 | 1 | 20.52 | 0.113 | 20.84 | 0.121 | 20.71 | 0.118 |
| Channel | | | | 647668 | 647668 | 650000 | 650000 | 652332 | 652332 |
| Frequency (MHz) | | | | 3715.02 | 3715.02 | 3750.00 | 3750.00 | 3784.98 | 3784.98 |
| 30 | DFT-s-OFDM QPSK | 1 | 1 | 20.29 | 0.107 | 20.68 | 0.117 | 20.67 | 0.117 |
| Channel | | | | 647334 | 647334 | 650000 | 650000 | 652666 | 652666 |
| Frequency (MHz) | | | | 3710.01 | 3710.01 | 3750.00 | 3750.00 | 3789.99 | 3789.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 20.42 | 0.110 | 20.78 | 0.120 | 20.64 | 0.116 |

## 2.2. Occupied Bandwidth

### 2.2.1.Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

### 2.2.2.Test Description




The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

### 2.2.3.Test procedure

KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.

### 2.2.4.Test Result

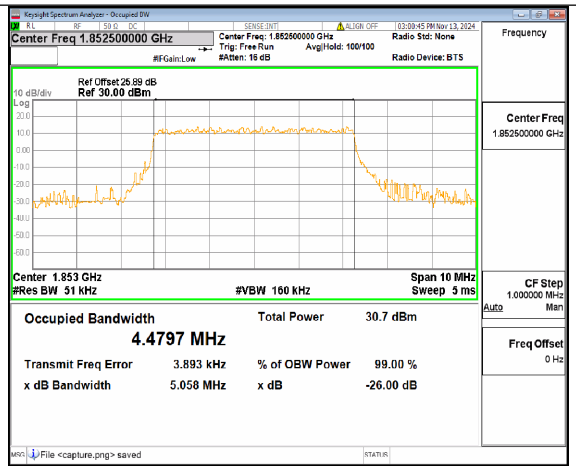
| Band | SCS (kHz) | BW (MHz) | ARFCN | Modulation | RB | OBW (MHz) | 26dB BW (MHz) | Verdict |
|---|---|---|---|---|---|---|---|---|
| n2 | 15 | 5 | 370500 | DFT-s-OFDM PI/2 BPSK | 25/0 | 4.4797 | 5.058 | PASS |
| n2 | 15 | 5 | 370500 | DFT-s-OFDM QPSK | 25/0 | 4.4960 | 5.159 | PASS |
| n2 | 15 | 5 | 370500 | DFT-s-OFDM 16QAM | 25/0 | 4.4849 | 5.005 | PASS |
| n2 | 15 | 5 | 370500 | DFT-s-OFDM 64QAM | 25/0 | 4.4760 | 4.975 | PASS |
| n2 | 15 | 5 | 370500 | DFT-s-OFDM 256QAM | 25/0 | 4.4802 | 5.051 | PASS |
| n2 | 15 | 5 | 370500 | CP-OFDM QPSK | 25/0 | 4.4720 | 5.059 | PASS |
| n2 | 15 | 5 | 376000 | DFT-s-OFDM PI/2 BPSK | 25/0 | 4.4767 | 4.992 | PASS |
| n2 | 15 | 5 | 376000 | DFT-s-OFDM QPSK | 25/0 | 4.4859 | 4.959 | PASS |
| n2 | 15 | 5 | 376000 | DFT-s-OFDM 16QAM | 25/0 | 4.4904 | 5.061 | PASS |
| n2 | 15 | 5 | 376000 | DFT-s-OFDM 64QAM | 25/0 | 4.4769 | 4.922 | PASS |
| n2 | 15 | 5 | 376000 | DFT-s-OFDM 256QAM | 25/0 | 4.4894 | 5.033 | PASS |
| n2 | 15 | 5 | 376000 | CP-OFDM QPSK | 25/0 | 4.4813 | 5.111 | PASS |
| n2 | 15 | 5 | 381500 | DFT-s-OFDM PI/2 BPSK | 25/0 | 4.4887 | 5.104 | PASS |
| n2 | 15 | 5 | 381500 | DFT-s-OFDM QPSK | 25/0 | 4.4870 | 5.057 | PASS |
| n2 | 15 | 5 | 381500 | DFT-s-OFDM 16QAM | 25/0 | 4.4934 | 5.023 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n2 | 15 | 5 | 381500 | DFT-s-OFDM 64QAM | 25/0 | 4.4762 | 4.974 | PASS |
| n2 | 15 | 5 | 381500 | DFT-s-OFDM 256QAM | 25/0 | 4.4789 | 5.012 | PASS |
| n2 | 15 | 5 | 381500 | CP-OFDM QPSK | 25/0 | 4.4805 | 5.092 | PASS |
| n2 | 15 | 10 | 371000 | DFT-s-OFDM PI/2 BPSK | 50/0 | 8.9248 | 9.647 | PASS |
| n2 | 15 | 10 | 371000 | DFT-s-OFDM QPSK | 50/0 | 8.9249 | 9.658 | PASS |
| n2 | 15 | 10 | 371000 | DFT-s-OFDM 16QAM | 50/0 | 8.9532 | 9.656 | PASS |
| n2 | 15 | 10 | 371000 | DFT-s-OFDM 64QAM | 50/0 | 8.9284 | 9.581 | PASS |
| n2 | 15 | 10 | 371000 | DFT-s-OFDM 256QAM | 50/0 | 8.9270 | 9.570 | PASS |
| n2 | 15 | 10 | 371000 | CP-OFDM QPSK | 52/0 | 9.2891 | 10.101 | PASS |
| n2 | 15 | 10 | 376000 | DFT-s-OFDM PI/2 BPSK | 50/0 | 8.9229 | 9.675 | PASS |
| n2 | 15 | 10 | 376000 | DFT-s-OFDM QPSK | 50/0 | 8.9312 | 9.627 | PASS |
| n2 | 15 | 10 | 376000 | DFT-s-OFDM 16QAM | 50/0 | 8.9506 | 9.644 | PASS |
| n2 | 15 | 10 | 376000 | DFT-s-OFDM 64QAM | 50/0 | 8.9294 | 9.729 | PASS |
| n2 | 15 | 10 | 376000 | DFT-s-OFDM 256QAM | 50/0 | 8.9277 | 9.602 | PASS |
| n2 | 15 | 10 | 376000 | CP-OFDM QPSK | 52/0 | 9.2956 | 10.100 | PASS |
| n2 | 15 | 10 | 381000 | DFT-s-OFDM PI/2 BPSK | 50/0 | 8.9291 | 9.671 | PASS |

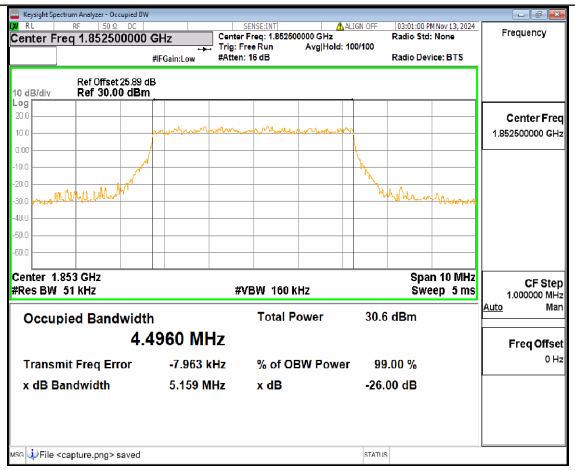
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n2 | 15 | 10 | 381000 | DFT-s-OFDM QPSK | 50/0 | 8.9240 | 9.684 | PASS |
| n2 | 15 | 10 | 381000 | DFT-s-OFDM 16QAM | 50/0 | 8.9463 | 9.592 | PASS |
| n2 | 15 | 10 | 381000 | DFT-s-OFDM 64QAM | 50/0 | 8.9239 | 9.628 | PASS |
| n2 | 15 | 10 | 381000 | DFT-s-OFDM 256QAM | 50/0 | 8.9232 | 9.652 | PASS |
| n2 | 15 | 10 | 381000 | CP-OFDM QPSK | 52/0 | 9.3015 | 10.248 | PASS |
| n2 | 15 | 15 | 371500 | DFT-s-OFDM PI/2 BPSK | 75/0 | 13.407 | 14.342 | PASS |
| n2 | 15 | 15 | 371500 | DFT-s-OFDM QPSK | 75/0 | 13.422 | 14.327 | PASS |
| n2 | 15 | 15 | 371500 | DFT-s-OFDM 16QAM | 75/0 | 13.423 | 14.167 | PASS |
| n2 | 15 | 15 | 371500 | DFT-s-OFDM 64QAM | 75/0 | 13.402 | 14.234 | PASS |
| n2 | 15 | 15 | 371500 | DFT-s-OFDM 256QAM | 75/0 | 13.436 | 14.341 | PASS |
| n2 | 15 | 15 | 371500 | CP-OFDM QPSK | 79/0 | 14.115 | 16.139 | PASS |
| n2 | 15 | 15 | 376000 | DFT-s-OFDM PI/2 BPSK | 75/0 | 13.406 | 14.357 | PASS |
| n2 | 15 | 15 | 376000 | DFT-s-OFDM QPSK | 75/0 | 13.423 | 14.302 | PASS |
| n2 | 15 | 15 | 376000 | DFT-s-OFDM 16QAM | 75/0 | 13.418 | 14.339 | PASS |
| n2 | 15 | 15 | 376000 | DFT-s-OFDM 64QAM | 75/0 | 13.406 | 14.302 | PASS |
| n2 | 15 | 15 | 376000 | DFT-s-OFDM | 75/0 | 13.430 | 14.221 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | 256QAM | | | | |
| n2 | 15 | 15 | 376000 | CP-OFDM QPSK | 79/0 | 14.109 | 16.220 | PASS |
| n2 | 15 | 15 | 380500 | DFT-s-OFDM PI/2 BPSK | 75/0 | 13.415 | 14.262 | PASS |
| n2 | 15 | 15 | 380500 | DFT-s-OFDM QPSK | 75/0 | 13.423 | 14.379 | PASS |
| n2 | 15 | 15 | 380500 | DFT-s-OFDM 16QAM | 75/0 | 13.402 | 14.176 | PASS |
| n2 | 15 | 15 | 380500 | DFT-s-OFDM 64QAM | 75/0 | 13.385 | 14.282 | PASS |
| n2 | 15 | 15 | 380500 | DFT-s-OFDM 256QAM | 75/0 | 13.434 | 14.346 | PASS |
| n2 | 15 | 15 | 380500 | CP-OFDM QPSK | 79/0 | 14.108 | 16.519 | PASS |
| n2 | 15 | 20 | 372000 | DFT-s-OFDM PI/2 BPSK | 100/0 | 17.875 | 20.020 | PASS |
| n2 | 15 | 20 | 372000 | DFT-s-OFDM QPSK | 100/0 | 17.869 | 18.929 | PASS |
| n2 | 15 | 20 | 372000 | DFT-s-OFDM 16QAM | 100/0 | 17.873 | 18.818 | PASS |
| n2 | 15 | 20 | 372000 | DFT-s-OFDM 64QAM | 100/0 | 17.897 | 19.021 | PASS |
| n2 | 15 | 20 | 372000 | DFT-s-OFDM 256QAM | 100/0 | 17.856 | 18.879 | PASS |
| n2 | 15 | 20 | 372000 | CP-OFDM QPSK | 106/0 | 18.913 | 20.019 | PASS |
| n2 | 15 | 20 | 376000 | DFT-s-OFDM PI/2 BPSK | 100/0 | 17.876 | 19.756 | PASS |
| n2 | 15 | 20 | 376000 | DFT-s-OFDM QPSK | 100/0 | 17.886 | 18.973 | PASS |
| n2 | 15 | 20 | 376000 | DFT-s- | 100/0 | 17.896 | 19.222 | PASS |

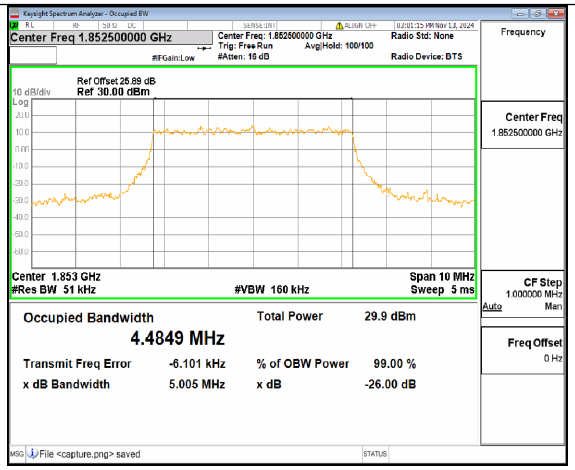
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | OFDM 16QAM | | | | |
| n2 | 15 | 20 | 376000 | DFT-s-OFDM 64QAM | 100/0 | 17.909 | 18.873 | PASS |
| n2 | 15 | 20 | 376000 | DFT-s-OFDM 256QAM | 100/0 | 17.867 | 18.917 | PASS |
| n2 | 15 | 20 | 376000 | CP-OFDM QPSK | 106/0 | 18.927 | 20.132 | PASS |
| n2 | 15 | 20 | 380000 | DFT-s-OFDM PI/2 BPSK | 100/0 | 17.867 | 19.131 | PASS |
| n2 | 15 | 20 | 380000 | DFT-s-OFDM QPSK | 100/0 | 17.867 | 18.923 | PASS |
| n2 | 15 | 20 | 380000 | DFT-s-OFDM 16QAM | 100/0 | 17.873 | 18.930 | PASS |
| n2 | 15 | 20 | 380000 | DFT-s-OFDM 64QAM | 100/0 | 17.877 | 18.862 | PASS |
| n2 | 15 | 20 | 380000 | DFT-s-OFDM 256QAM | 100/0 | 17.849 | 18.736 | PASS |
| n2 | 15 | 20 | 380000 | CP-OFDM QPSK | 106/0 | 18.911 | 20.362 | PASS |



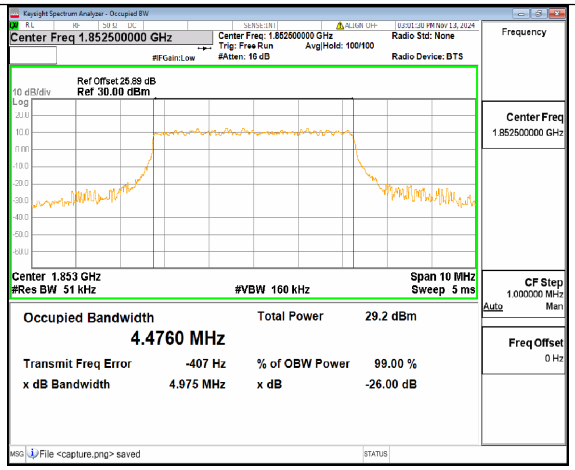

n2 5M DFT-s-OFDM BPSK Outer_Full Low



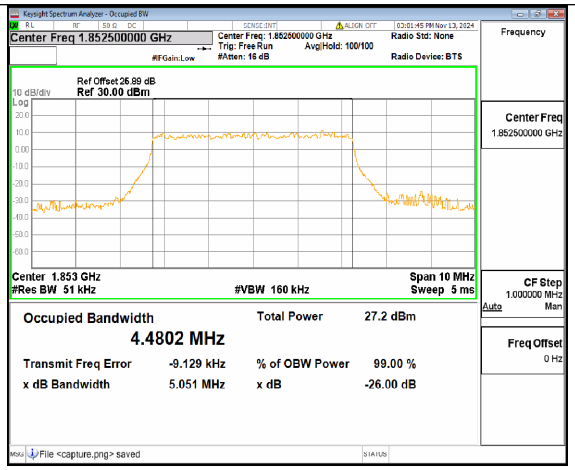

n2 5M DFT-s-OFDM QPSK Outer_Full Low



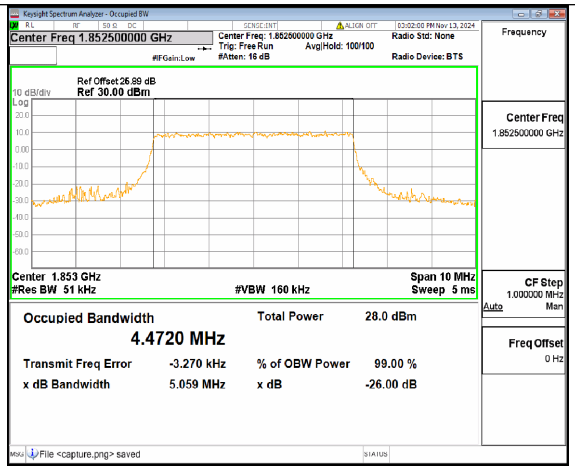

n2 5M DFT-s-OFDM 16QAM Outer_Full Low



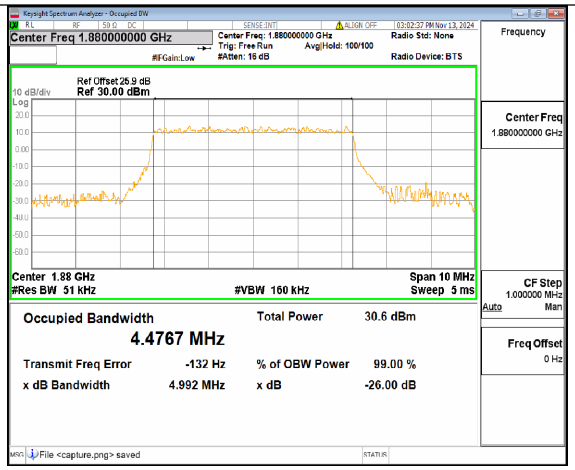

n2 5M DFT-s-OFDM 64QAM Outer_Full Low



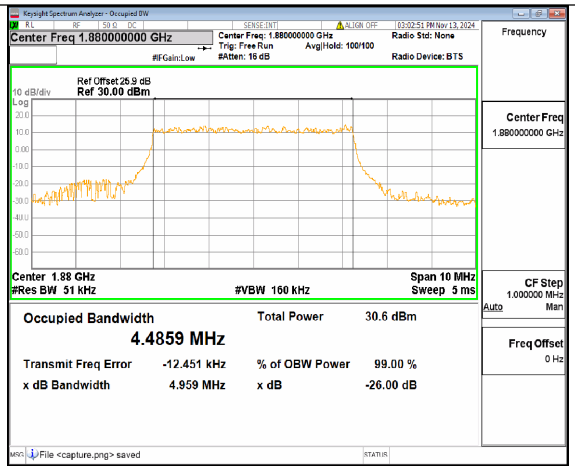

n2 5M DFT-s-OFDM 256QAM Outer_Full Low



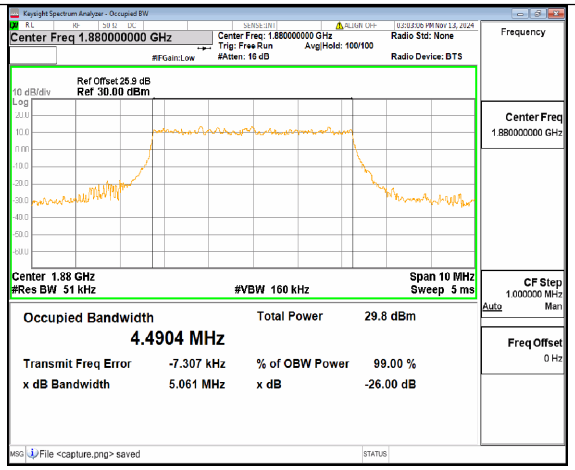

n2 5M CP-OFDM QPSK Outer_Full Low



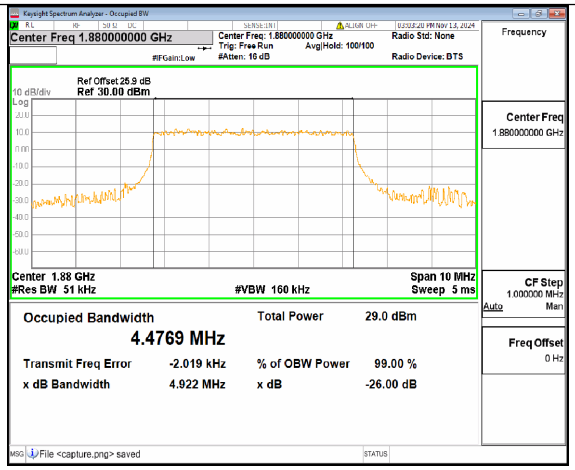

n2 5M DFT-s-OFDM BPSK Outer_Full Mid



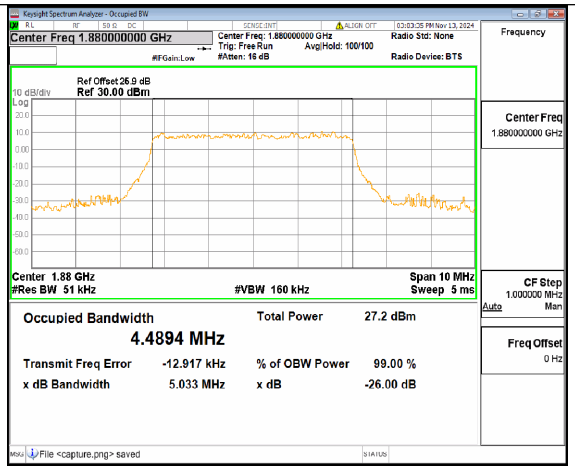

n2 5M DFT-s-OFDM QPSK Outer_Full Mid



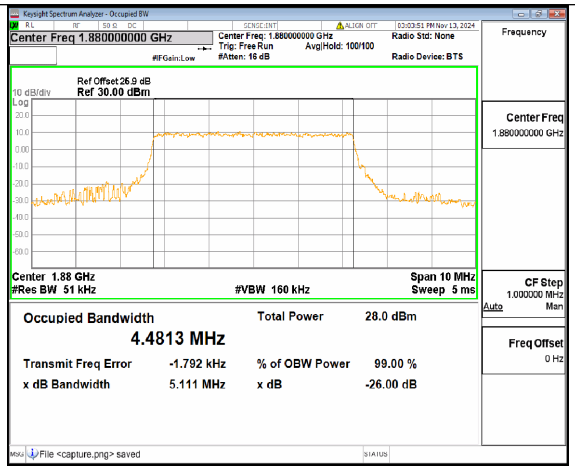

n2 5M DFT-s-OFDM 16QAM Outer_Full Mid



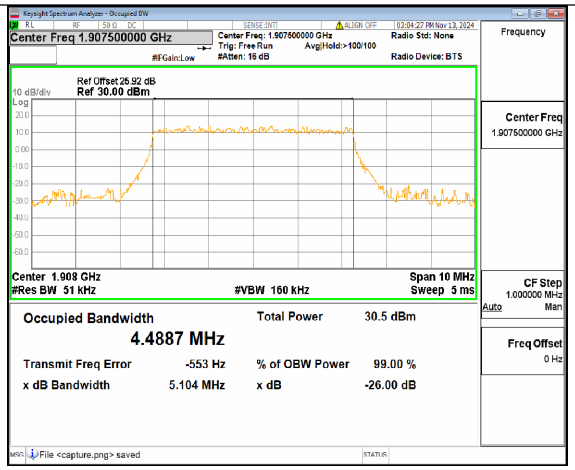

n2 5M DFT-s-OFDM 64QAM Outer_Full Mid



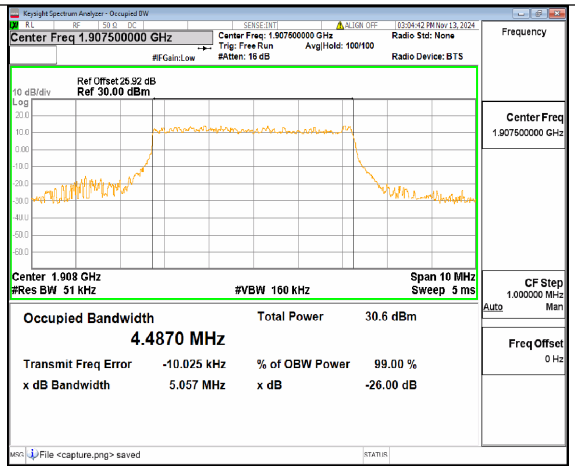

n2 5M DFT-s-OFDM 256QAM Outer_Full Mid



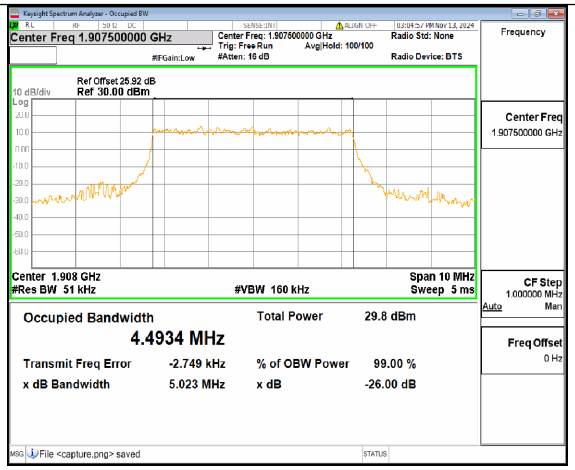

n2 5M CP-OFDM QPSK Outer_Full Mid



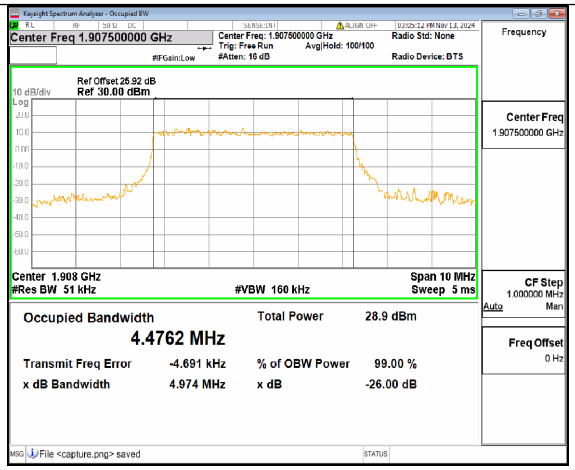

n2 5M DFT-s-OFDM BPSK Outer_Full High



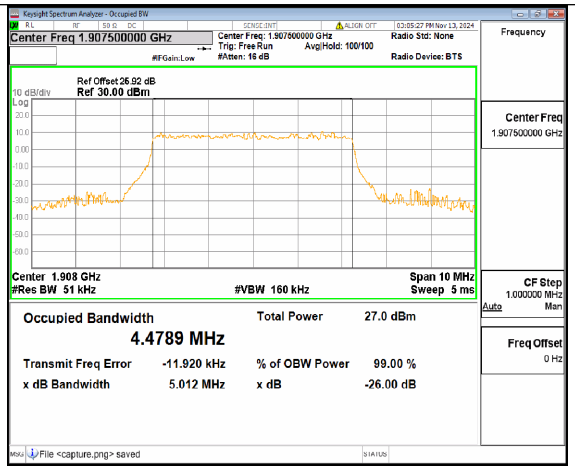

n2 5M DFT-s-OFDM QPSK Outer_Full High



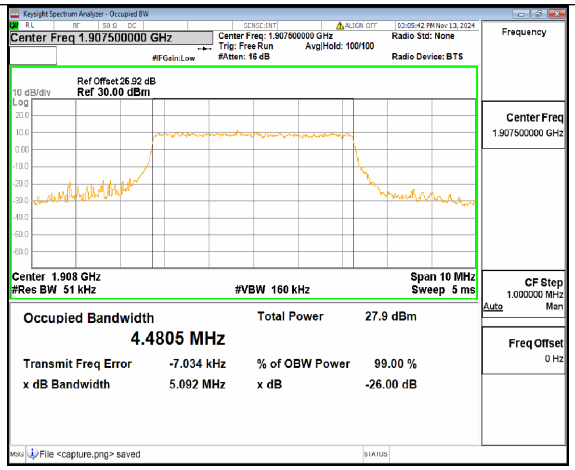

n2 5M DFT-s-OFDM 16QAM Outer_Full High




n2 5M DFT-s-OFDM 64QAM Outer_Full High

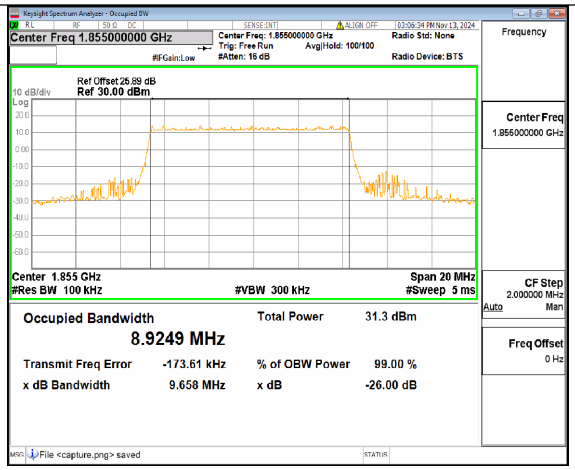



n2 5M DFT-s-OFDM 256QAM Outer_Full High

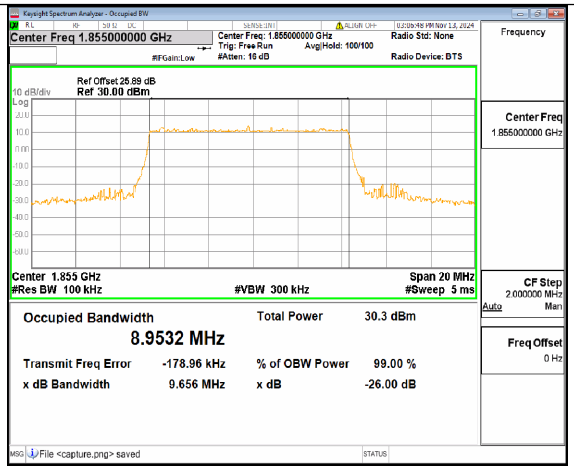



n2 5M CP-OFDM QPSK Outer_Full High

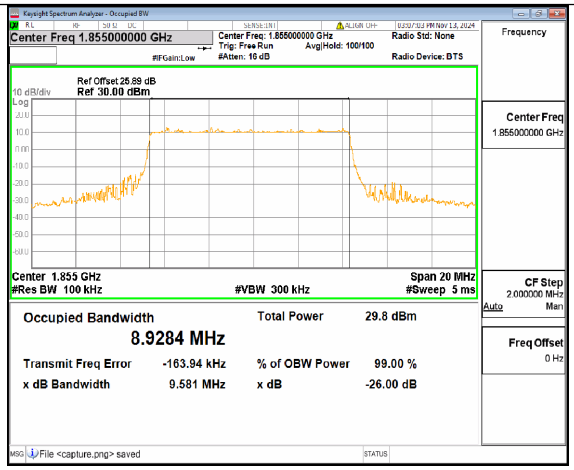

n2 10M DFT-s-OFDM BPSK Outer_Full Low



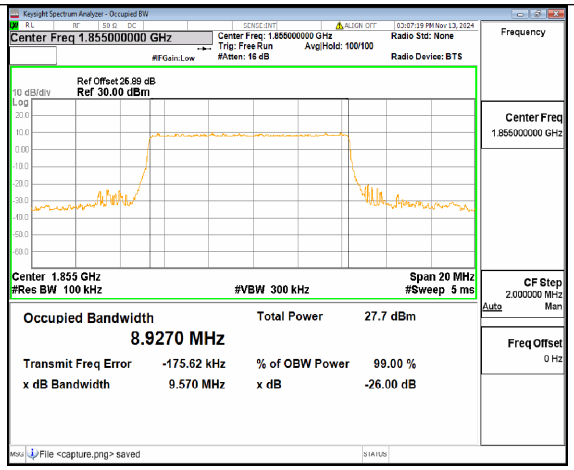

n2 10M DFT-s-OFDM QPSK Outer_Full Low



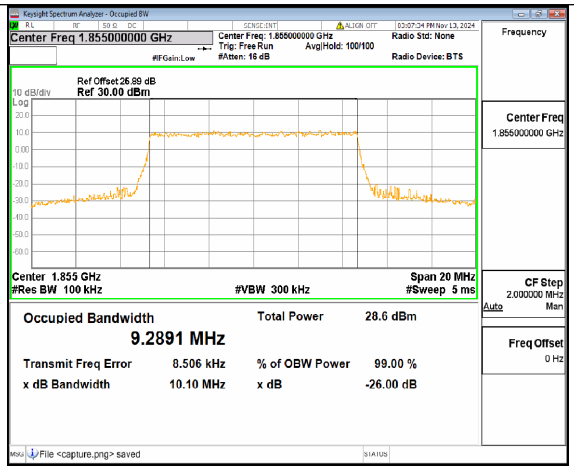

n2 10M DFT-s-OFDM 16QAM Outer_Full Low



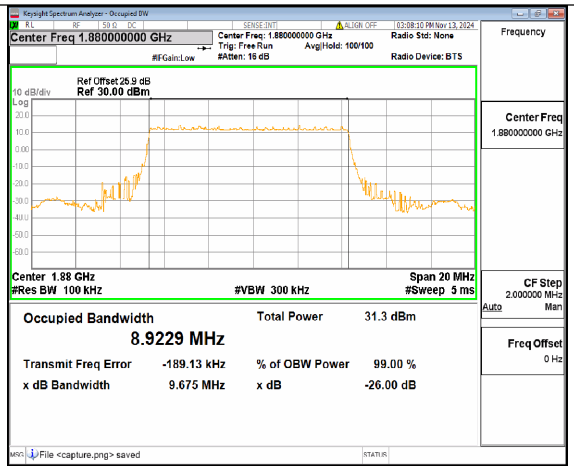

n2 10M DFT-s-OFDM 64QAM Outer_Full Low



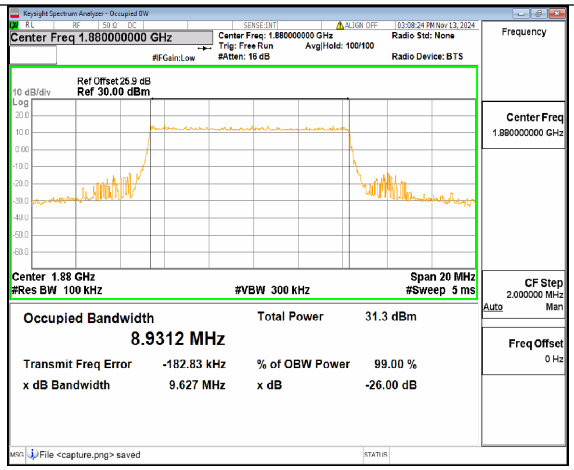

n2 10M DFT-s-OFDM 256QAM Outer_Full Low



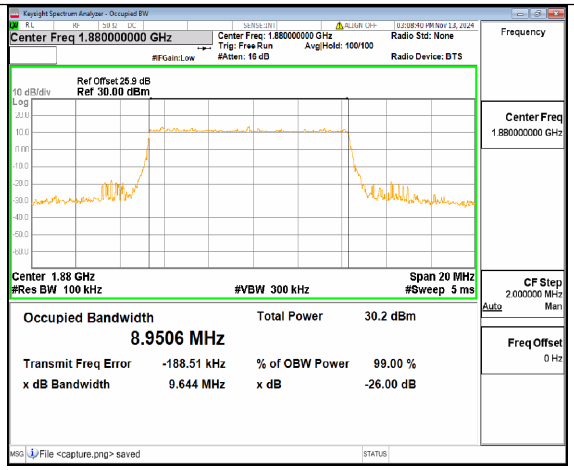

n2 10M CP-OFDM QPSK Outer_Full Low



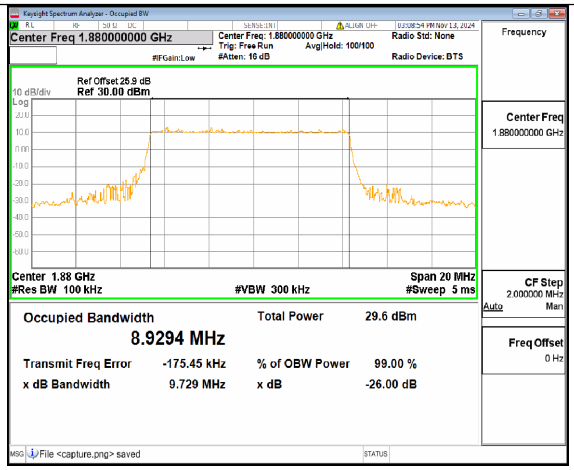

n2 10M DFT-s-OFDM BPSK Outer_Full Mid



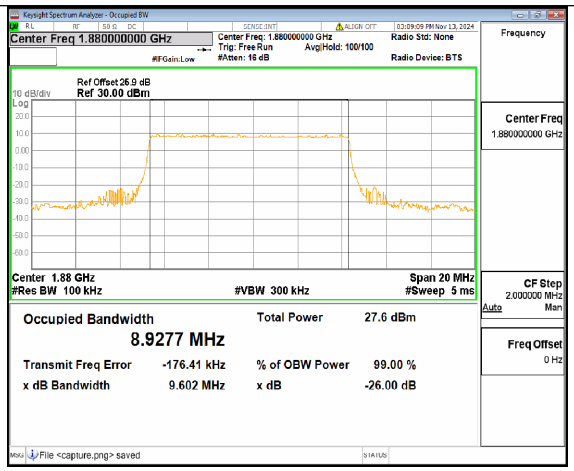

n2 10M DFT-s-OFDM QPSK Outer_Full Mid



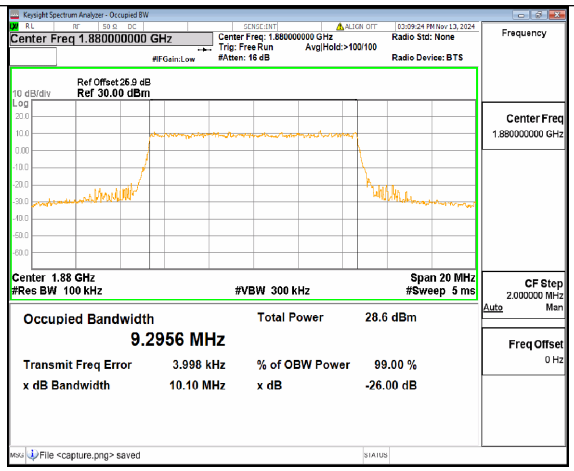

n2 10M DFT-s-OFDM 16QAM Outer_Full Mid



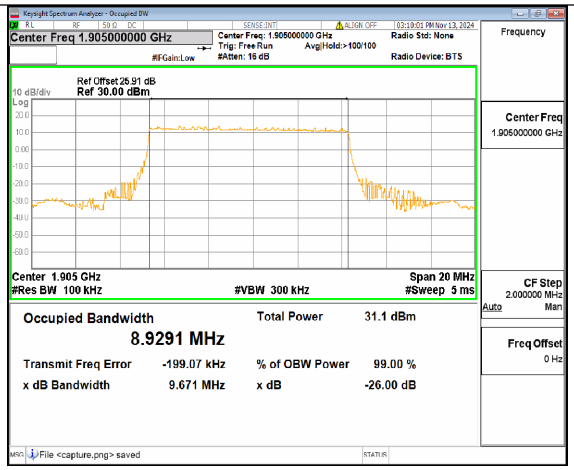

n2 10M DFT-s-OFDM 64QAM Outer_Full Mid



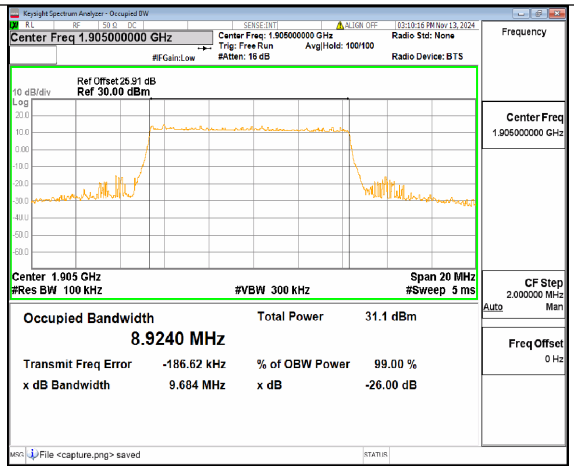

n2 10M DFT-s-OFDM 256QAM Outer_Full Mid



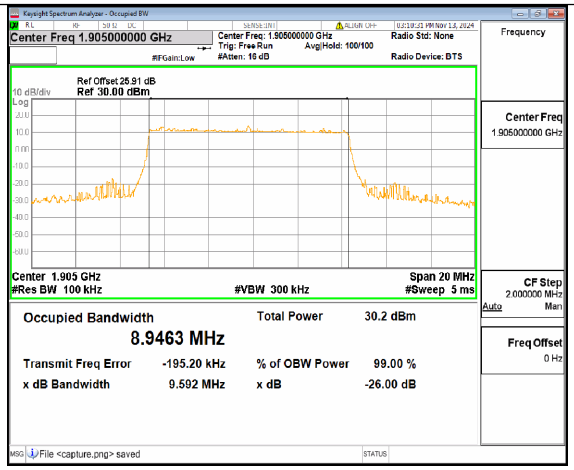

n2 10M CP-OFDM QPSK Outer_Full Mid



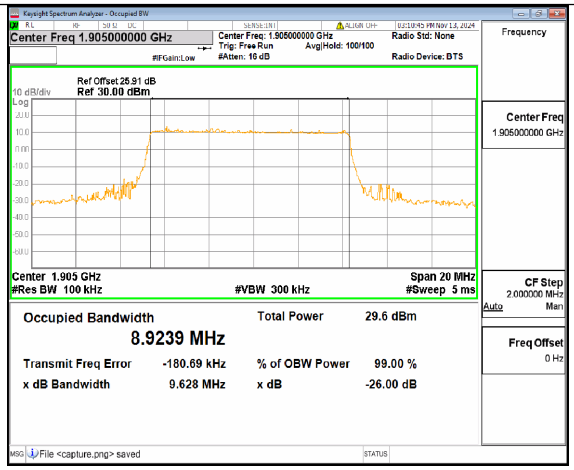

n2 10M DFT-s-OFDM BPSK Outer_Full High




n2 10M DFT-s-OFDM QPSK Outer_Full High




n2 10M DFT-s-OFDM 16QAM Outer_Full High

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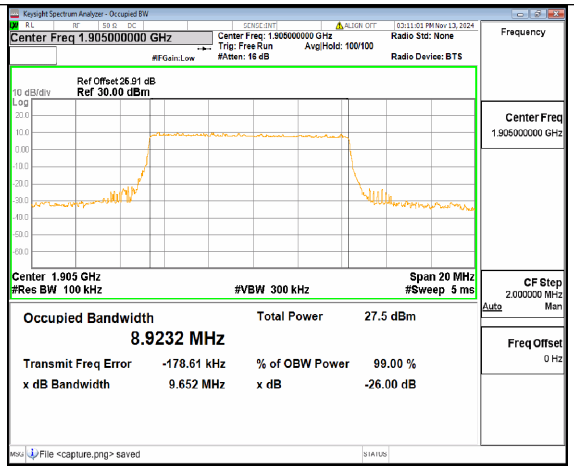
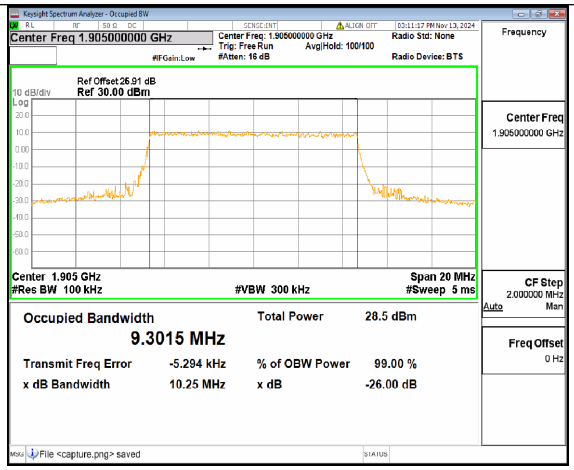
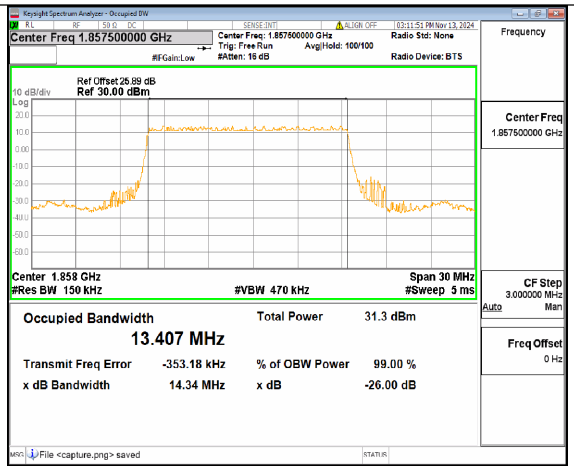


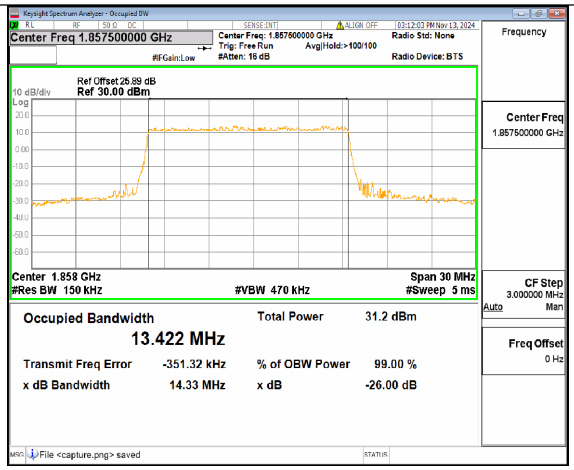

n2 10M DFT-s-OFDM 256QAM Outer_Full High



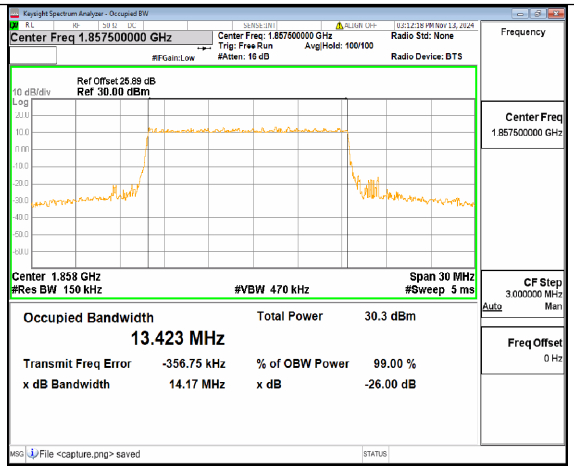

n2 10M CP-OFDM QPSK Outer_Full High



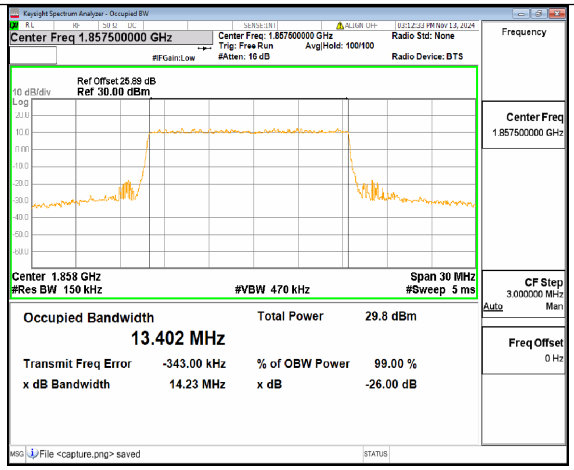

n2 15M DFT-s-OFDM BPSK Outer_Full Low



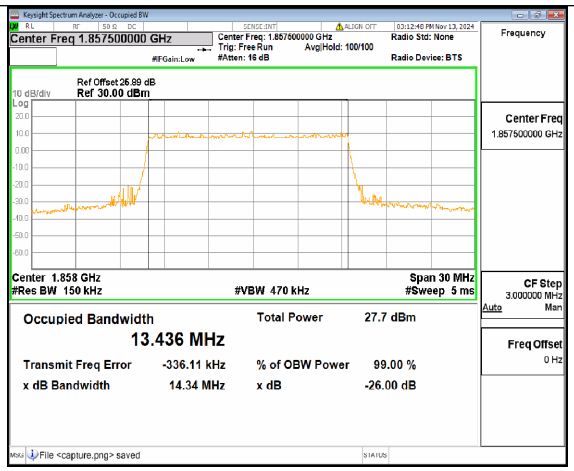

n2 15M DFT-s-OFDM QPSK Outer_Full Low



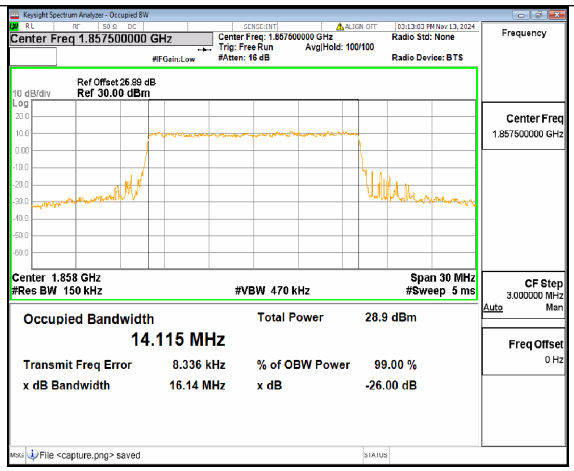

n2 15M DFT-s-OFDM 16QAM Outer_Full Low



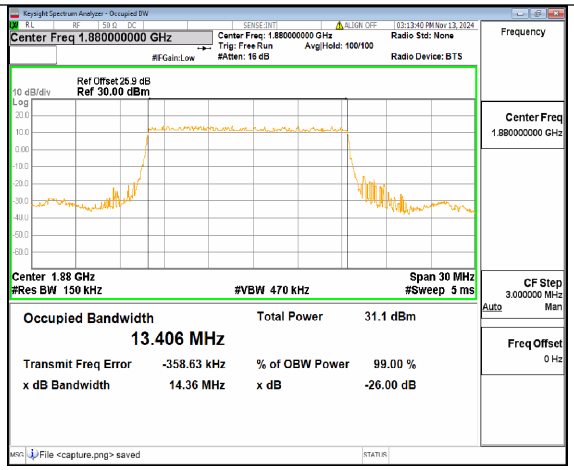

n2 15M DFT-s-OFDM 64QAM Outer_Full Low



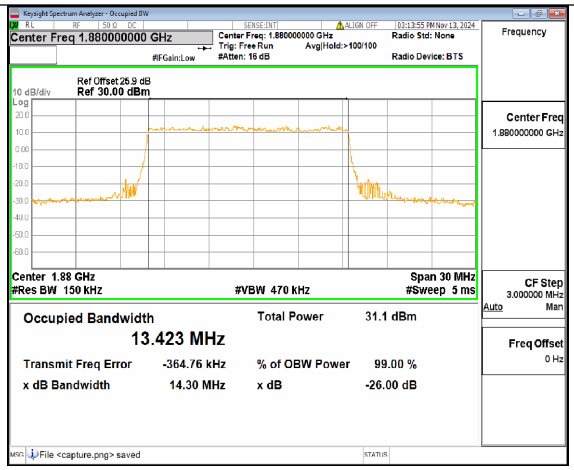

n2 15M DFT-s-OFDM 256QAM Outer_Full Low



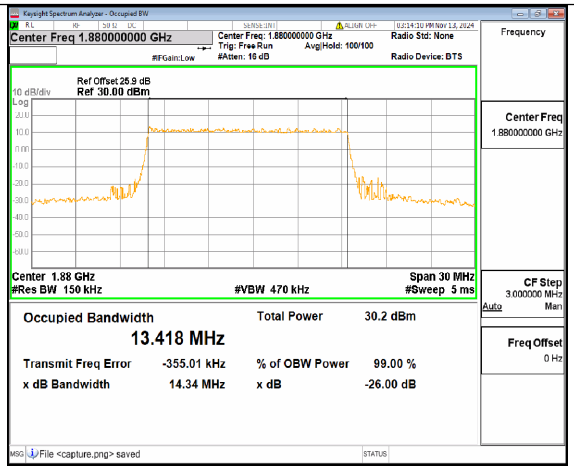

n2 15M CP-OFDM QPSK Outer_Full Low



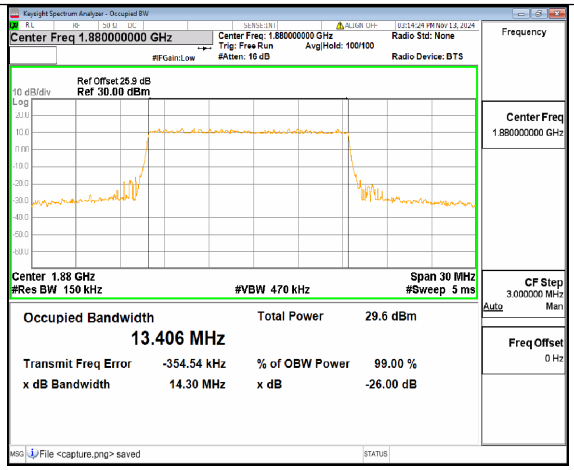

n2 15M DFT-s-OFDM BPSK Outer_Full Mid



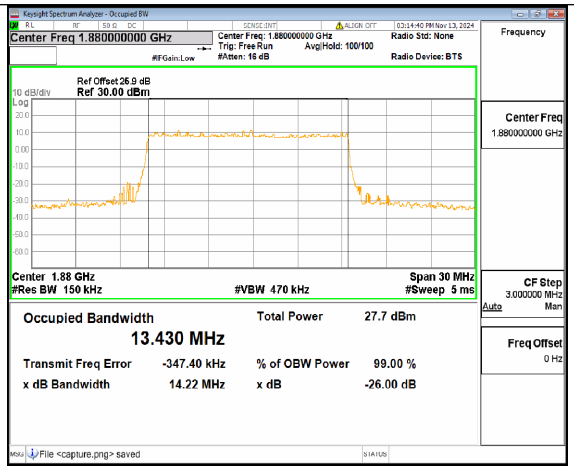

n2 15M DFT-s-OFDM QPSK Outer_Full Mid



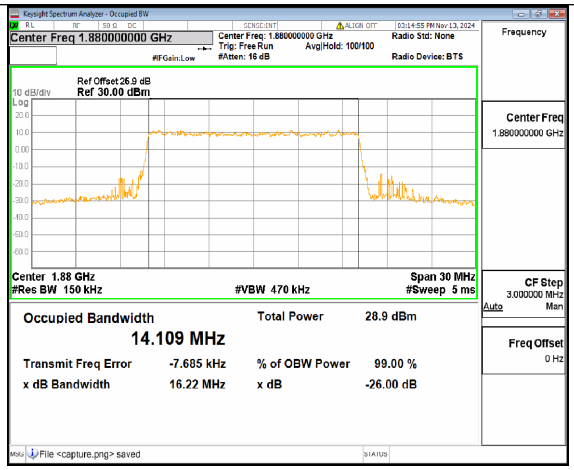

n2 15M DFT-s-OFDM 16QAM Outer_Full Mid



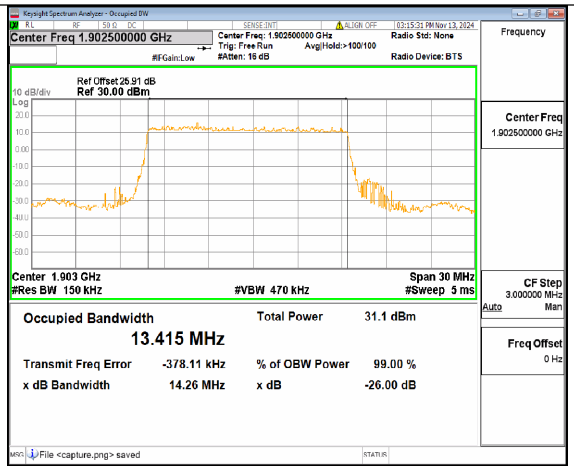

n2 15M DFT-s-OFDM 64QAM Outer_Full Mid



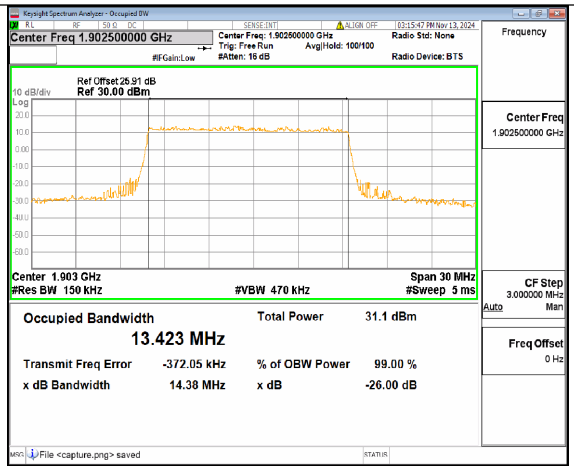

n2 15M DFT-s-OFDM 256QAM Outer_Full Mid



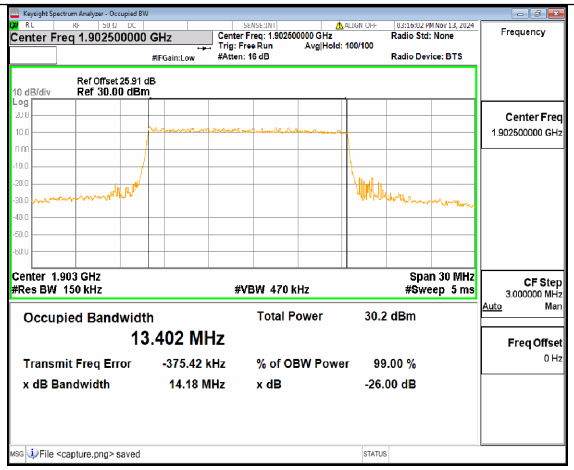

n2 15M CP-OFDM QPSK Outer_Full Mid



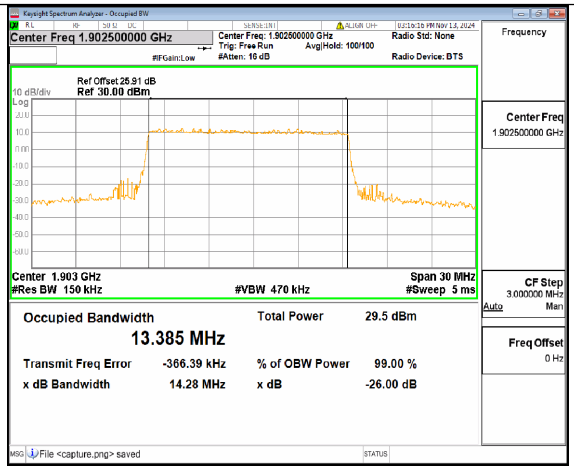

n2 15M DFT-s-OFDM BPSK Outer_Full High



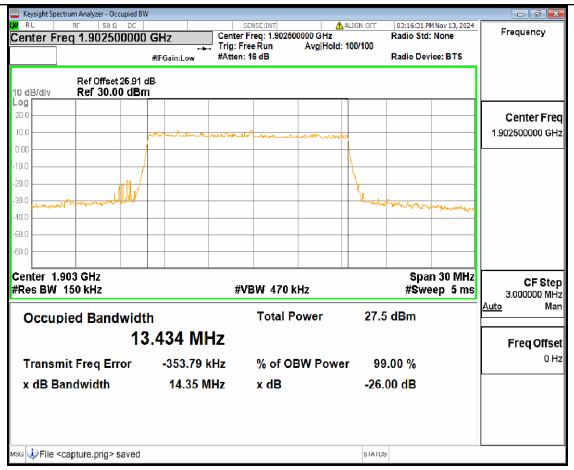

n2 15M DFT-s-OFDM QPSK Outer_Full High



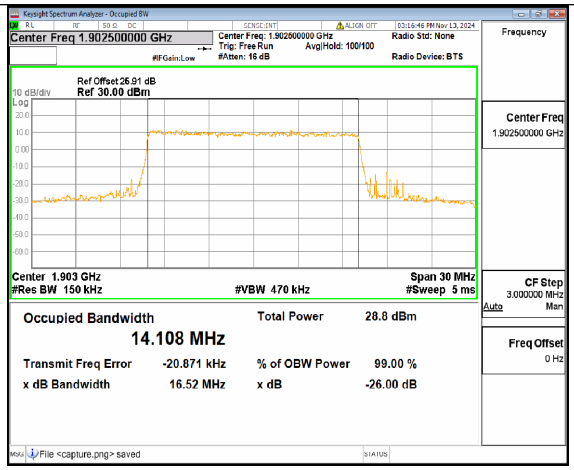

n2 15M DFT-s-OFDM 16QAM Outer_Full High



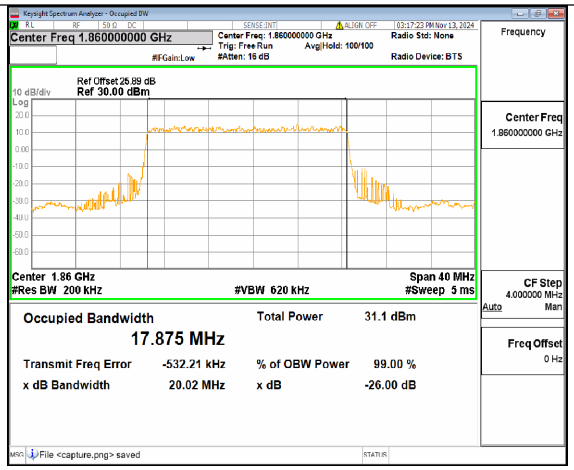

n2 15M DFT-s-OFDM 64QAM Outer_Full High



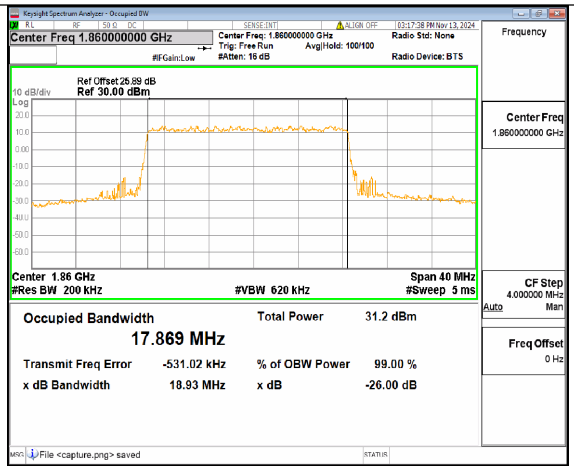

n2 15M DFT-s-OFDM 256QAM Outer_Full High



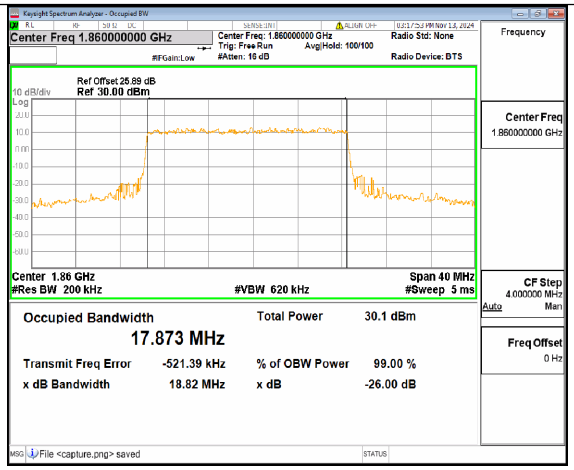

n2 15M CP-OFDM QPSK Outer_Full High



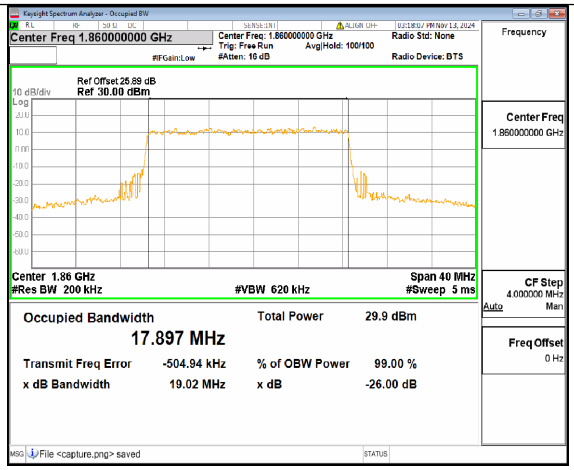

n2 20M DFT-s-OFDM BPSK Outer_Full Low



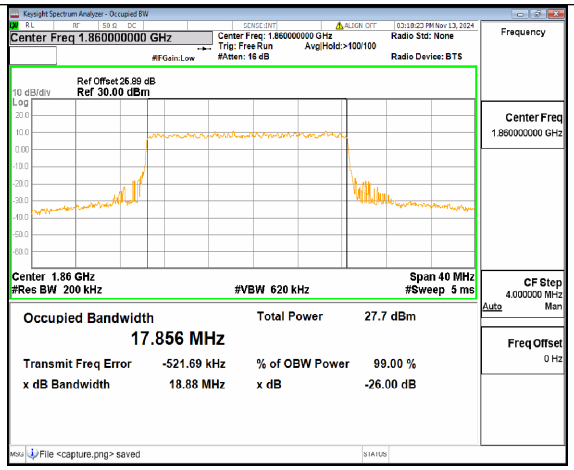

n2 20M DFT-s-OFDM QPSK Outer_Full Low



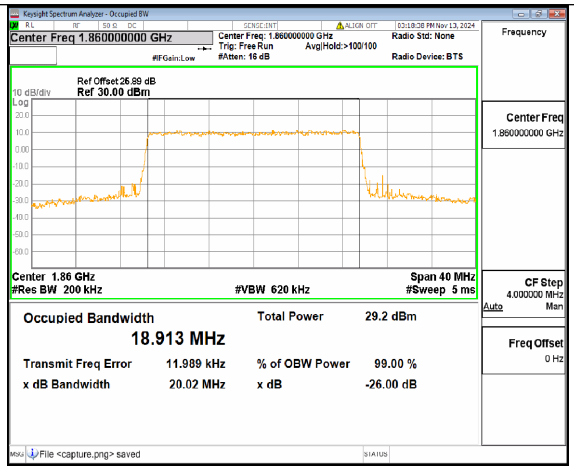

n2 20M DFT-s-OFDM 16QAM Outer_Full Low



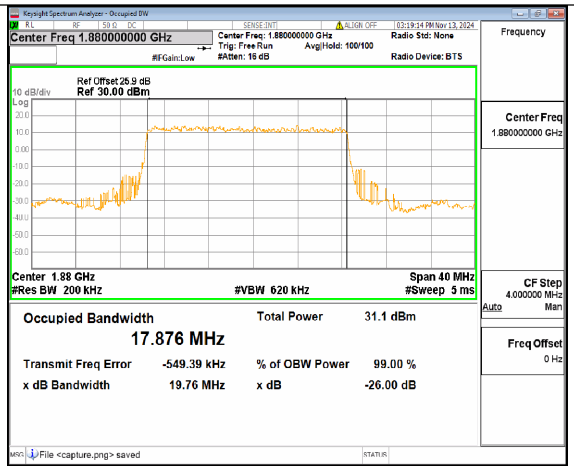

n2 20M DFT-s-OFDM 64QAM Outer_Full Low



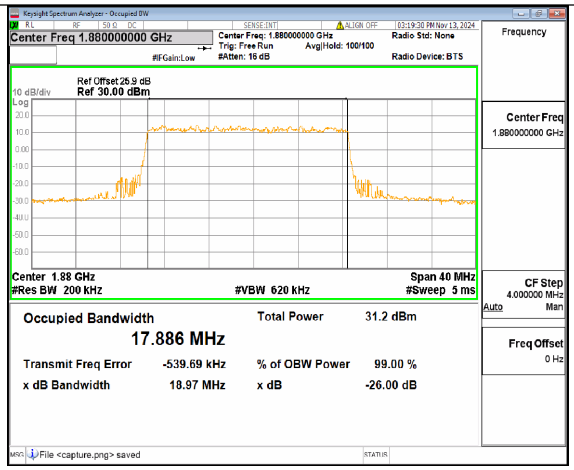

n2 20M DFT-s-OFDM 256QAM Outer_Full Low



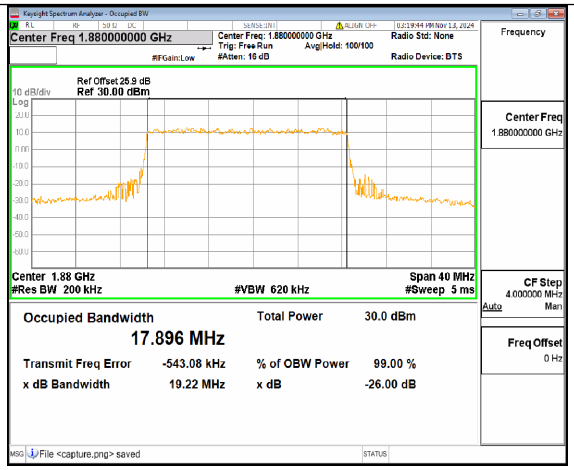

n2 20M CP-OFDM QPSK Outer_Full Low



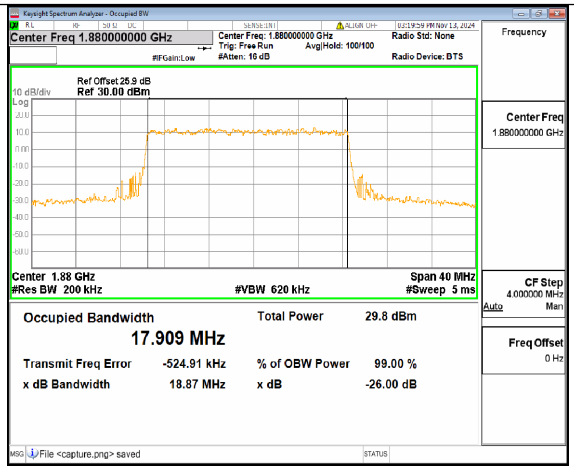

n2 20M DFT-s-OFDM BPSK Outer_Full Mid



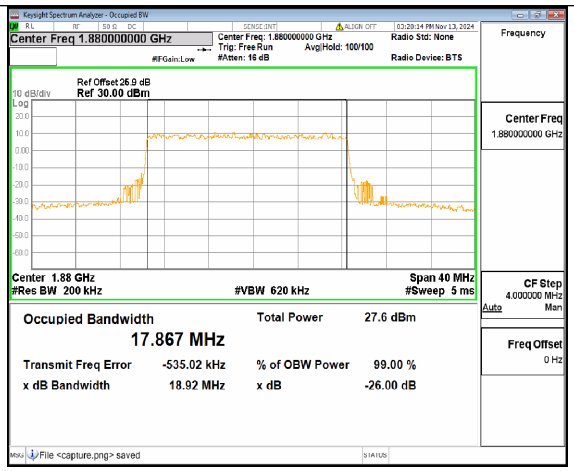

n2 20M DFT-s-OFDM QPSK Outer_Full Mid



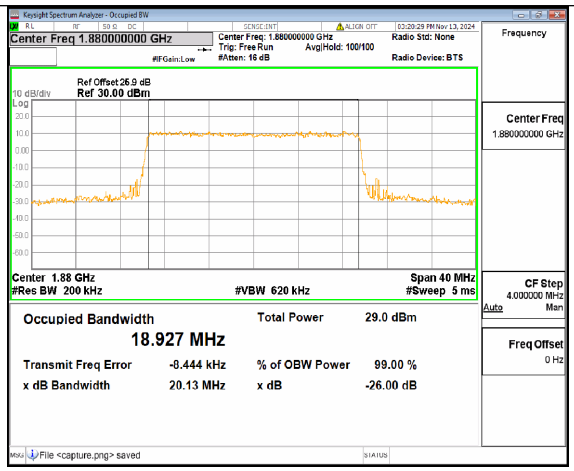

n2 20M DFT-s-OFDM 16QAM Outer_Full Mid



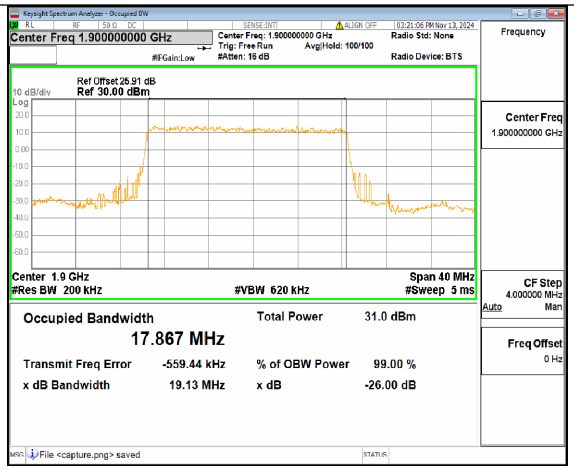

n2 20M DFT-s-OFDM 64QAM Outer_Full Mid



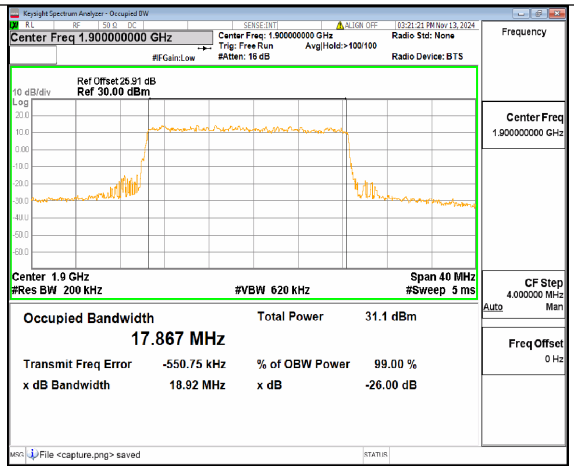

n2 20M DFT-s-OFDM 256QAM Outer_Full Mid



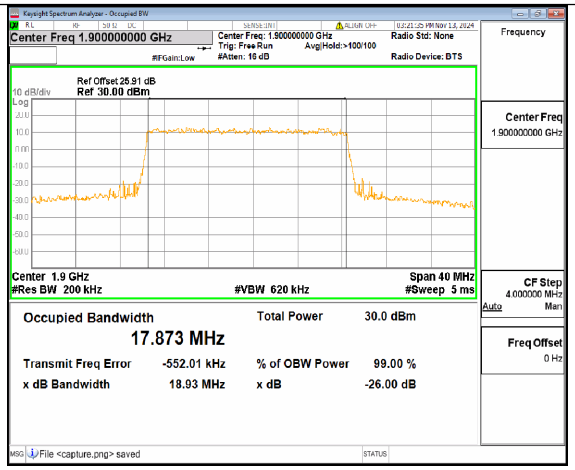

n2 20M CP-OFDM QPSK Outer_Full Mid



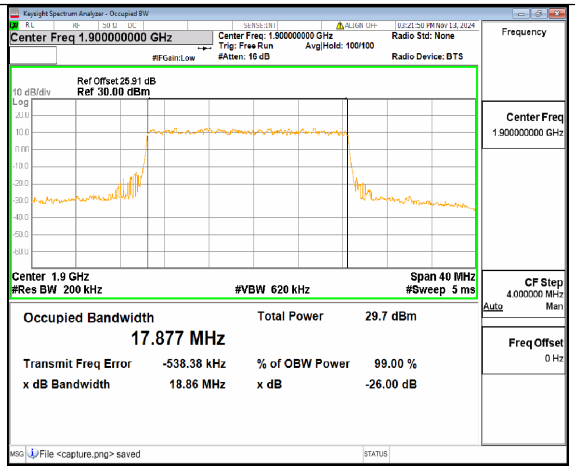

n2 20M DFT-s-OFDM BPSK Outer_Full High



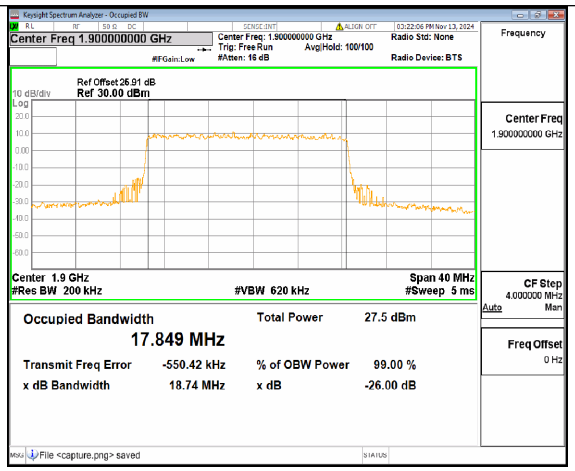

n2 20M DFT-s-OFDM QPSK Outer_Full High



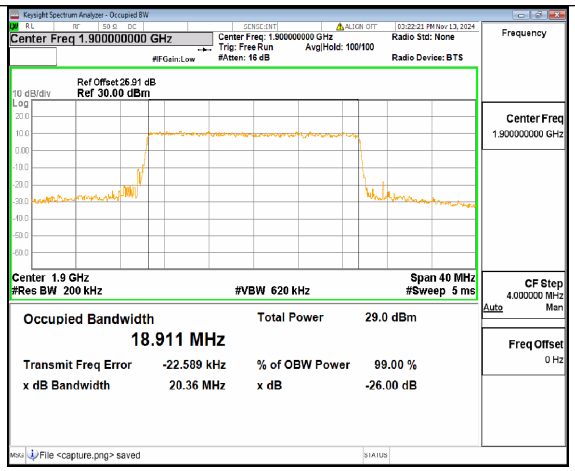

n2 20M DFT-s-OFDM 16QAM Outer_Full High




n2 20M DFT-s-OFDM 64QAM Outer_Full High




n2 20M DFT-s-OFDM 256QAM Outer_Full High




n2 20M CP-OFDM QPSK Outer_Full High

| Band | SCS (kHz) | BW (MHz) | ARFCN | Modulation | RB | OBW (MHz) | 26dB BW (MHz) | Verdict |
|---|---|---|---|---|---|---|---|---|
| n5 | 15 | 5 | 165300 | DFT-s-OFDM PI/2 BPSK | 25/0 | 4.4895 | 5.072 | PASS |
| n5 | 15 | 5 | 165300 | DFT-s-OFDM QPSK | 25/0 | 4.4985 | 5.073 | PASS |
| n5 | 15 | 5 | 165300 | DFT-s-OFDM 16QAM | 25/0 | 4.4908 | 4.984 | PASS |
| n5 | 15 | 5 | 165300 | DFT-s-OFDM 64QAM | 25/0 | 4.4846 | 5.045 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n5 | 15 | 5 | 165300 | DFT-s-OFDM 256QAM | 25/0 | 4.4757 | 4.950 | PASS |
| n5 | 15 | 5 | 165300 | CP-OFDM QPSK | 25/0 | 4.4851 | 5.131 | PASS |
| n5 | 15 | 5 | 167300 | DFT-s-OFDM PI/2 BPSK | 25/0 | 4.4841 | 5.002 | PASS |
| n5 | 15 | 5 | 167300 | DFT-s-OFDM QPSK | 25/0 | 4.4873 | 5.094 | PASS |
| n5 | 15 | 5 | 167300 | DFT-s-OFDM 16QAM | 25/0 | 4.4881 | 5.015 | PASS |
| n5 | 15 | 5 | 167300 | DFT-s-OFDM 64QAM | 25/0 | 4.4790 | 4.957 | PASS |
| n5 | 15 | 5 | 167300 | DFT-s-OFDM 256QAM | 25/0 | 4.4839 | 5.031 | PASS |
| n5 | 15 | 5 | 167300 | CP-OFDM QPSK | 25/0 | 4.4706 | 5.074 | PASS |
| n5 | 15 | 5 | 169300 | DFT-s-OFDM PI/2 BPSK | 25/0 | 4.4787 | 5.085 | PASS |
| n5 | 15 | 5 | 169300 | DFT-s-OFDM QPSK | 25/0 | 4.5001 | 5.182 | PASS |
| n5 | 15 | 5 | 169300 | DFT-s-OFDM 16QAM | 25/0 | 4.4803 | 5.007 | PASS |
| n5 | 15 | 5 | 169300 | DFT-s-OFDM 64QAM | 25/0 | 4.4624 | 4.929 | PASS |
| n5 | 15 | 5 | 169300 | DFT-s-OFDM 256QAM | 25/0 | 4.4732 | 4.999 | PASS |
| n5 | 15 | 5 | 169300 | CP-OFDM QPSK | 25/0 | 4.4743 | 5.218 | PASS |
| n5 | 15 | 10 | 165800 | DFT-s-OFDM PI/2 BPSK | 50/0 | 8.9183 | 9.655 | PASS |
| n5 | 15 | 10 | 165800 | DFT-s-OFDM QPSK | 50/0 | 8.9421 | 9.762 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n5 | 15 | 10 | 165800 | DFT-s-OFDM 16QAM | 50/0 | 8.9479 | 9.612 | PASS |
| n5 | 15 | 10 | 165800 | DFT-s-OFDM 64QAM | 50/0 | 8.9299 | 9.621 | PASS |
| n5 | 15 | 10 | 165800 | DFT-s-OFDM 256QAM | 50/0 | 8.9268 | 9.716 | PASS |
| n5 | 15 | 10 | 165800 | CP-OFDM QPSK | 52/0 | 9.2937 | 10.240 | PASS |
| n5 | 15 | 10 | 167300 | DFT-s-OFDM PI/2 BPSK | 50/0 | 8.9220 | 9.594 | PASS |
| n5 | 15 | 10 | 167300 | DFT-s-OFDM QPSK | 50/0 | 8.9185 | 9.694 | PASS |
| n5 | 15 | 10 | 167300 | DFT-s-OFDM 16QAM | 50/0 | 8.9413 | 9.620 | PASS |
| n5 | 15 | 10 | 167300 | DFT-s-OFDM 64QAM | 50/0 | 8.9213 | 9.654 | PASS |
| n5 | 15 | 10 | 167300 | DFT-s-OFDM 256QAM | 50/0 | 8.9156 | 9.573 | PASS |
| n5 | 15 | 10 | 167300 | CP-OFDM QPSK | 52/0 | 9.2952 | 10.143 | PASS |
| n5 | 15 | 10 | 168800 | DFT-s-OFDM PI/2 BPSK | 50/0 | 8.9217 | 9.595 | PASS |
| n5 | 15 | 10 | 168800 | DFT-s-OFDM QPSK | 50/0 | 8.9468 | 9.627 | PASS |
| n5 | 15 | 10 | 168800 | DFT-s-OFDM 16QAM | 50/0 | 8.9315 | 9.611 | PASS |
| n5 | 15 | 10 | 168800 | DFT-s-OFDM 64QAM | 50/0 | 8.9124 | 9.580 | PASS |
| n5 | 15 | 10 | 168800 | DFT-s-OFDM 256QAM | 50/0 | 8.9120 | 9.571 | PASS |
| n5 | 15 | 10 | 168800 | CP-OFDM QPSK | 52/0 | 9.2764 | 10.098 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n5 | 15 | 15 | 166300 | DFT-s-OFDM PI/2 BPSK | 75/0 | 13.416 | 14.242 | PASS |
| n5 | 15 | 15 | 166300 | DFT-s-OFDM QPSK | 75/0 | 13.425 | 14.395 | PASS |
| n5 | 15 | 15 | 166300 | DFT-s-OFDM 16QAM | 75/0 | 13.428 | 14.323 | PASS |
| n5 | 15 | 15 | 166300 | DFT-s-OFDM 64QAM | 75/0 | 13.394 | 14.305 | PASS |
| n5 | 15 | 15 | 166300 | DFT-s-OFDM 256QAM | 75/0 | 13.426 | 14.202 | PASS |
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| n5 | 15 | 15 | 167300 | DFT-s-OFDM PI/2 BPSK | 75/0 | 13.410 | 14.171 | PASS |
| n5 | 15 | 15 | 167300 | DFT-s-OFDM QPSK | 75/0 | 13.407 | 14.255 | PASS |
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| n5 | 15 | 15 | 167300 | DFT-s-OFDM 64QAM | 75/0 | 13.386 | 14.351 | PASS |
| n5 | 15 | 15 | 167300 | DFT-s-OFDM 256QAM | 75/0 | 13.423 | 14.204 | PASS |
| n5 | 15 | 15 | 167300 | CP-OFDM QPSK | 79/0 | 14.101 | 15.070 | PASS |
| n5 | 15 | 15 | 168300 | DFT-s-OFDM PI/2 BPSK | 75/0 | 13.412 | 14.247 | PASS |
| n5 | 15 | 15 | 168300 | DFT-s-OFDM QPSK | 75/0 | 13.402 | 14.270 | PASS |
| n5 | 15 | 15 | 168300 | DFT-s-OFDM 16QAM | 75/0 | 13.404 | 14.223 | PASS |
| n5 | 15 | 15 | 168300 | DFT-s-OFDM | 75/0 | 13.392 | 14.214 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | 64QAM | | | | |
| n5 | 15 | 15 | 168300 | DFT-s-OFDM 256QAM | 75/0 | 13.432 | 14.319 | PASS |
| n5 | 15 | 15 | 168300 | CP-OFDM QPSK | 79/0 | 14.092 | 15.073 | PASS |
| n5 | 15 | 20 | 166800 | DFT-s-OFDM PI/2 BPSK | 100/0 | 17.855 | 18.818 | PASS |
| n5 | 15 | 20 | 166800 | DFT-s-OFDM QPSK | 100/0 | 17.855 | 18.799 | PASS |
| n5 | 15 | 20 | 166800 | DFT-s-OFDM 16QAM | 100/0 | 17.877 | 18.899 | PASS |
| n5 | 15 | 20 | 166800 | DFT-s-OFDM 64QAM | 100/0 | 17.891 | 18.948 | PASS |
| n5 | 15 | 20 | 166800 | DFT-s-OFDM 256QAM | 100/0 | 17.850 | 18.794 | PASS |
| n5 | 15 | 20 | 166800 | CP-OFDM QPSK | 106/0 | 18.894 | 19.920 | PASS |
| n5 | 15 | 20 | 167300 | DFT-s-OFDM PI/2 BPSK | 100/0 | 17.853 | 18.814 | PASS |
| n5 | 15 | 20 | 167300 | DFT-s-OFDM QPSK | 100/0 | 17.848 | 18.857 | PASS |
| n5 | 15 | 20 | 167300 | DFT-s-OFDM 16QAM | 100/0 | 17.864 | 18.776 | PASS |
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| n5 | 15 | 20 | 167300 | DFT-s-OFDM 256QAM | 100/0 | 17.837 | 18.785 | PASS |
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| n5 | 15 | 20 | 167800 | DFT-s-OFDM PI/2 BPSK | 100/0 | 17.848 | 18.861 | PASS |
| n5 | 15 | 20 | 167800 | DFT-s- | 100/0 | 17.839 | 18.935 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | OFDM QPSK | | | | |
| n5 | 15 | 20 | 167800 | DFT-s-OFDM 16QAM | 100/0 | 17.871 | 18.845 | PASS |
| n5 | 15 | 20 | 167800 | DFT-s-OFDM 64QAM | 100/0 | 17.891 | 18.852 | PASS |
| n5 | 15 | 20 | 167800 | DFT-s-OFDM 256QAM | 100/0 | 17.837 | 18.704 | PASS |
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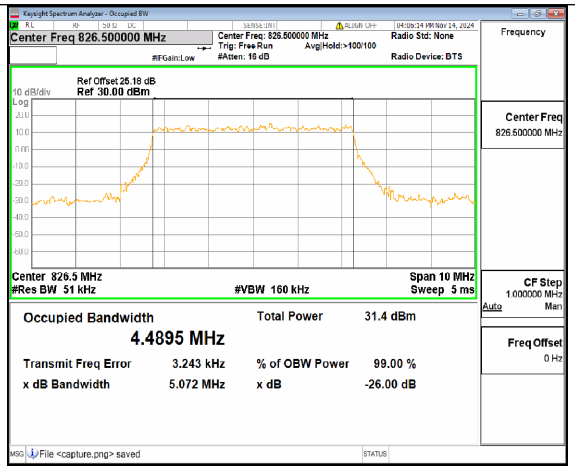
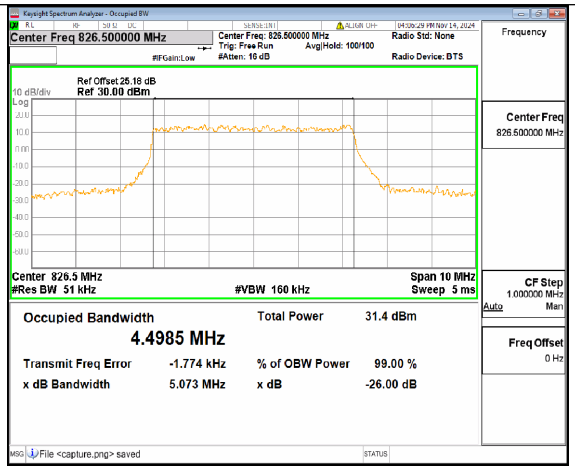
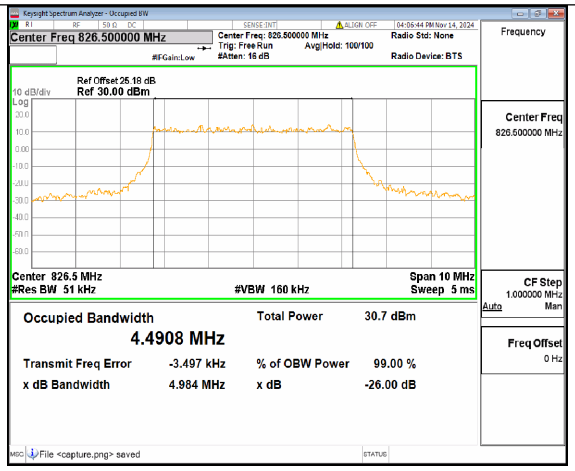


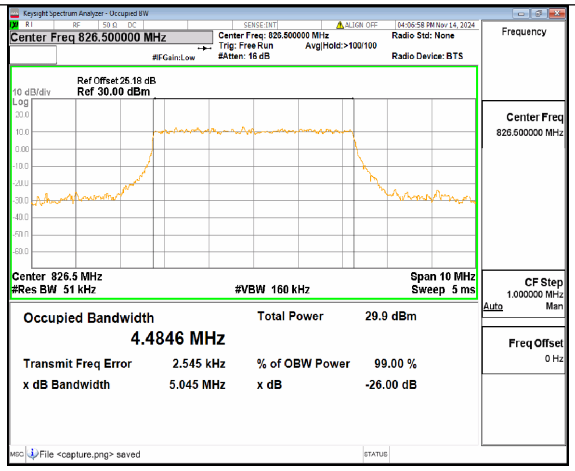

n5 5M DFT-s-OFDM BPSK Outer_Full Low



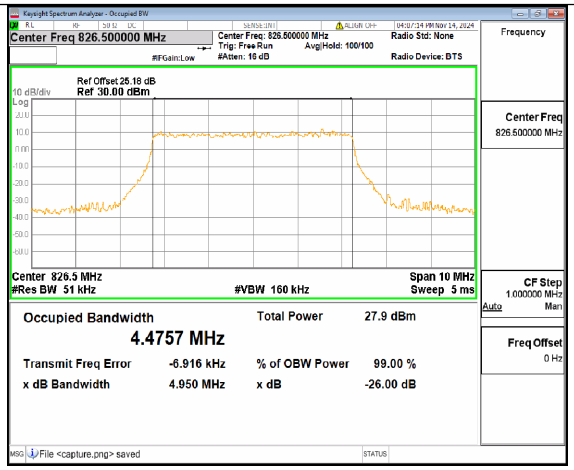

n5 5M DFT-s-OFDM QPSK Outer_Full Low



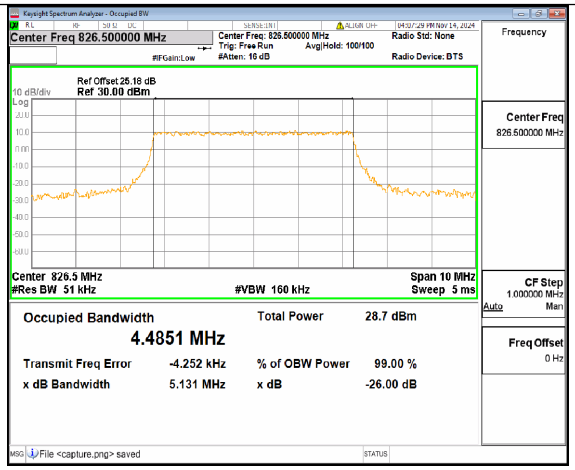

n5 5M DFT-s-OFDM 16QAM Outer_Full Low



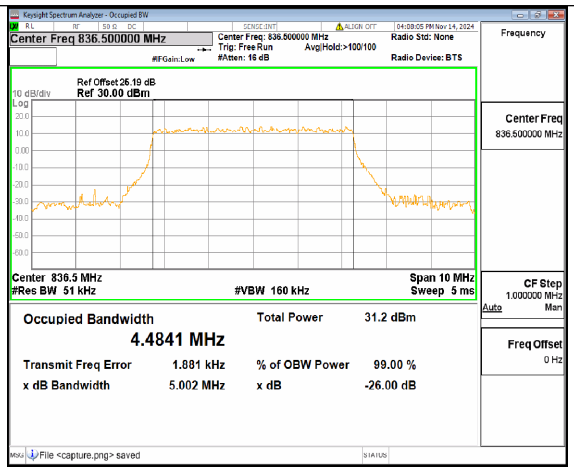

n5 5M DFT-s-OFDM 64QAM Outer_Full Low



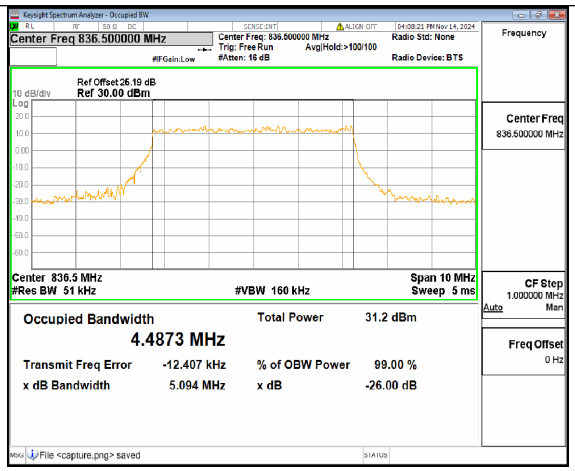

n5 5M DFT-s-OFDM 256QAM Outer_Full Low



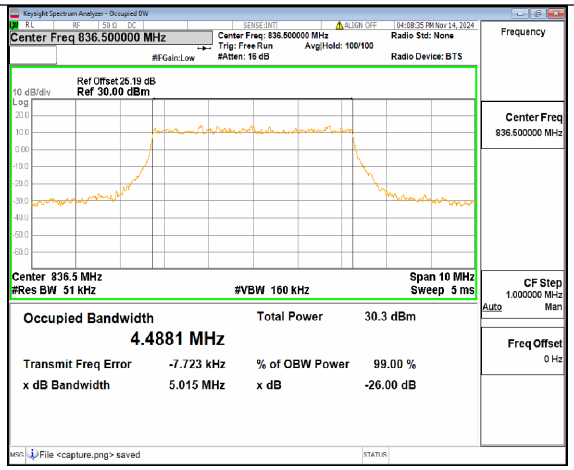

n5 5M CP-OFDM QPSK Outer_Full Low



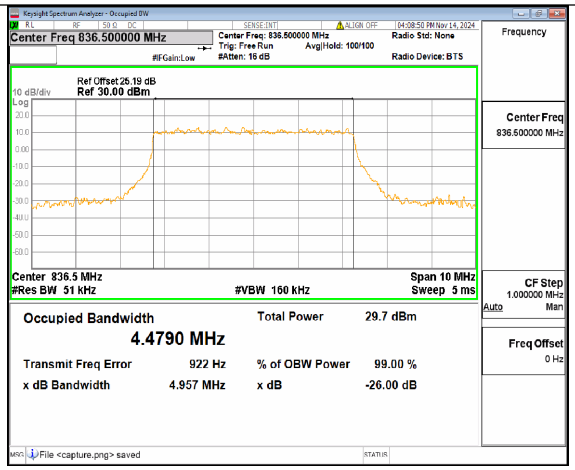

n5 5M DFT-s-OFDM BPSK Outer_Full Mid



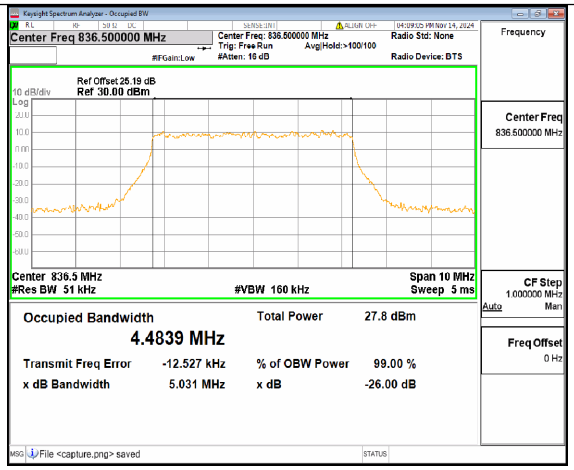

n5 5M DFT-s-OFDM QPSK Outer_Full Mid



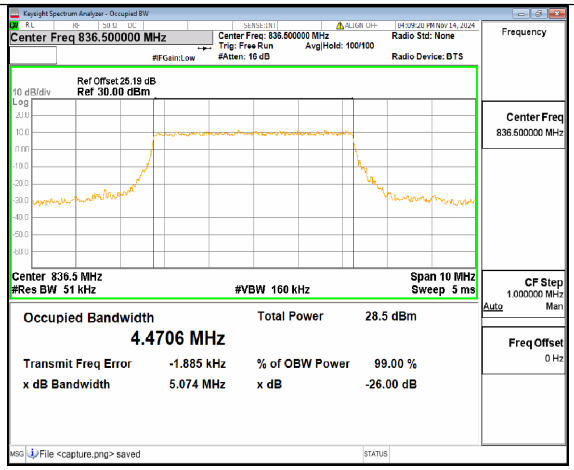

n5 5M DFT-s-OFDM 16QAM Outer_Full Mid



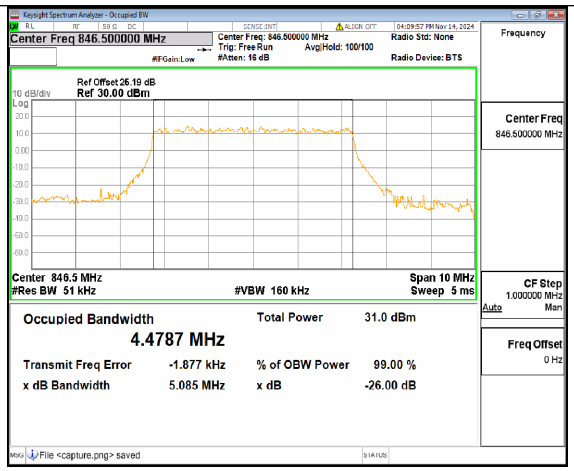

n5 5M DFT-s-OFDM 64QAM Outer_Full Mid



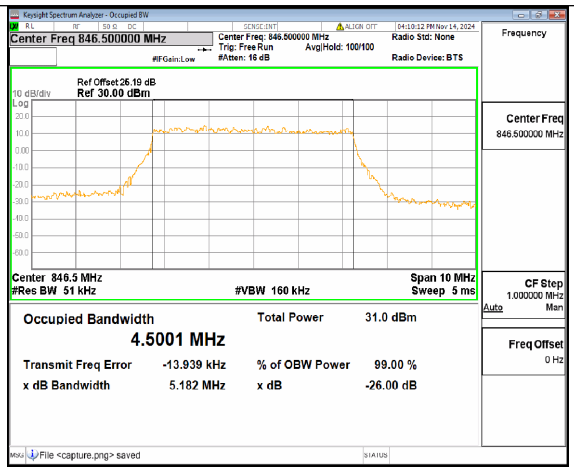

n5 5M DFT-s-OFDM 256QAM Outer_Full Mid



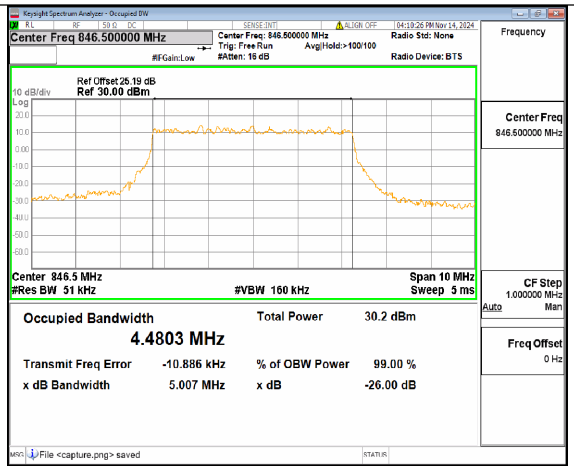

n5 5M CP-OFDM QPSK Outer_Full Mid



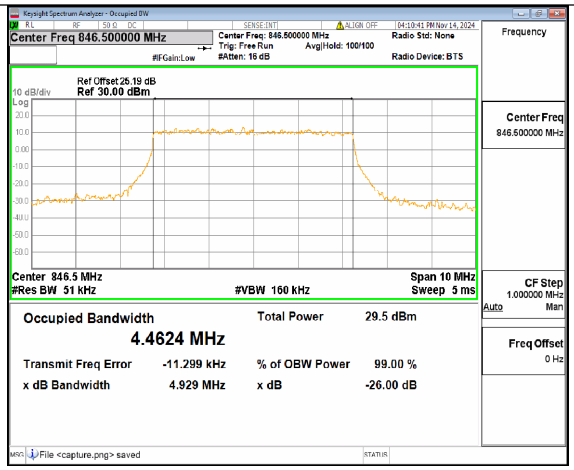

n5 5M DFT-s-OFDM BPSK Outer_Full High



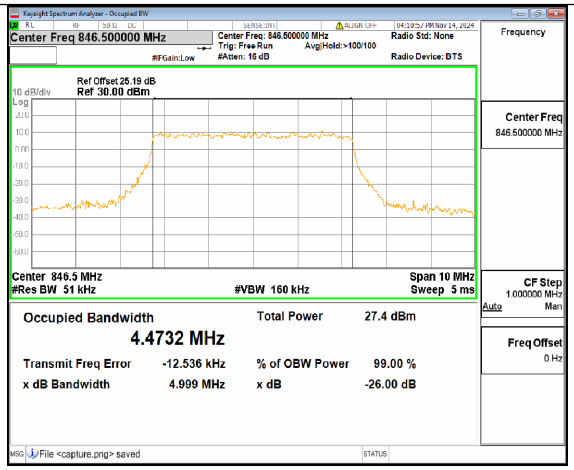

n5 5M DFT-s-OFDM QPSK Outer_Full High



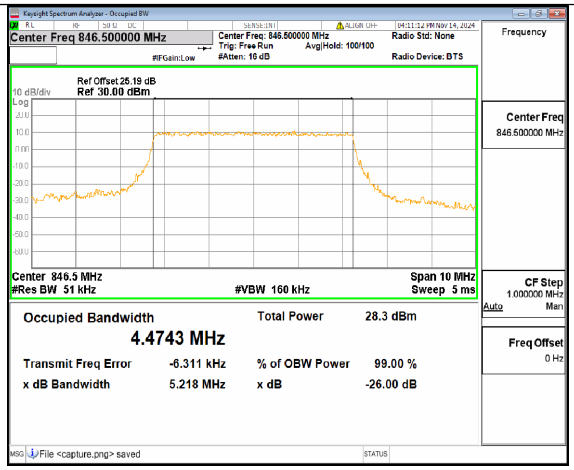

n5 5M DFT-s-OFDM 16QAM Outer_Full High



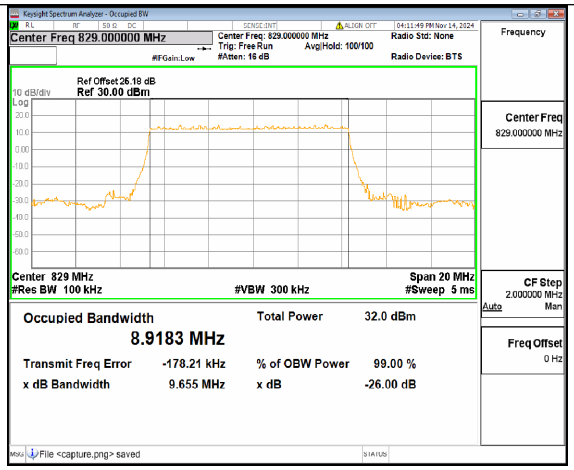

n5 5M DFT-s-OFDM 64QAM Outer_Full High



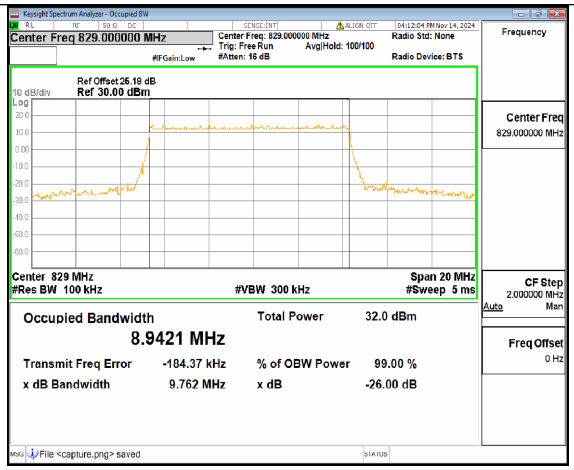

n5 5M DFT-s-OFDM 256QAM Outer_Full High



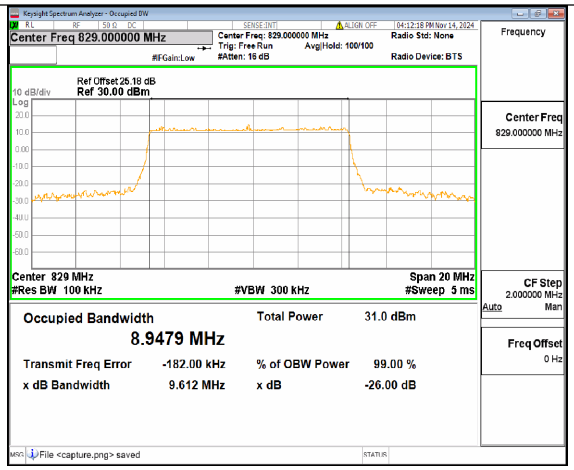

n5 5M CP-OFDM QPSK Outer_Full High



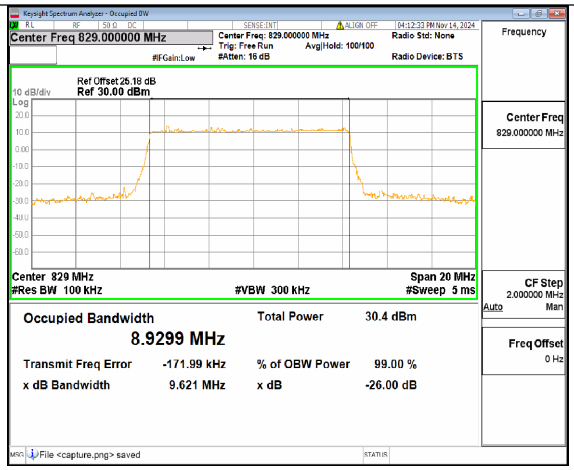

n5 10M DFT-s-OFDM BPSK Outer_Full Low



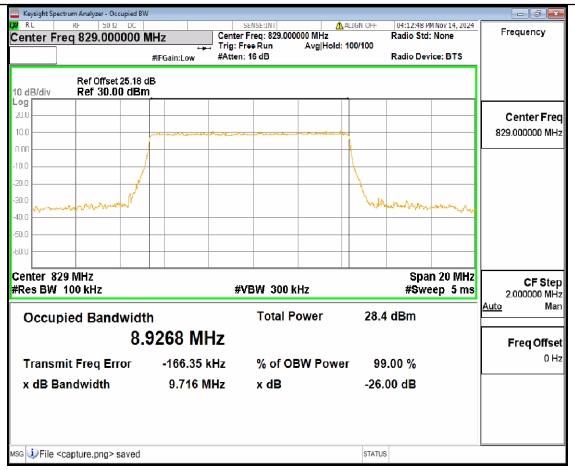

n5 10M DFT-s-OFDM QPSK Outer_Full Low



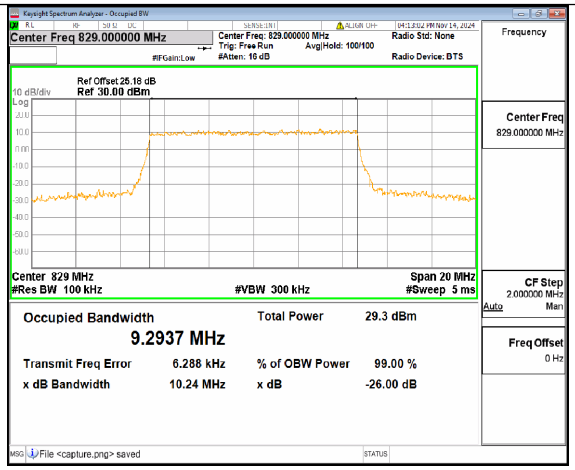

n5 10M DFT-s-OFDM 16QAM Outer_Full Low



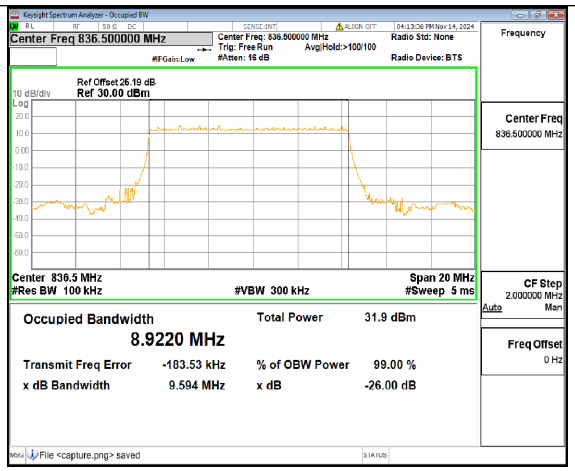

n5 10M DFT-s-OFDM 64QAM Outer_Full Low



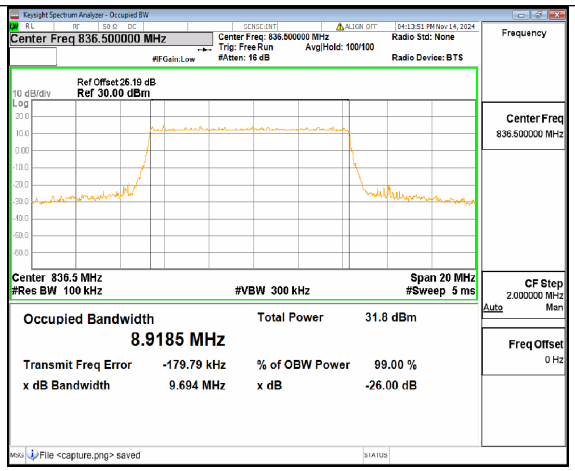

n5 10M DFT-s-OFDM 256QAM Outer_Full Low



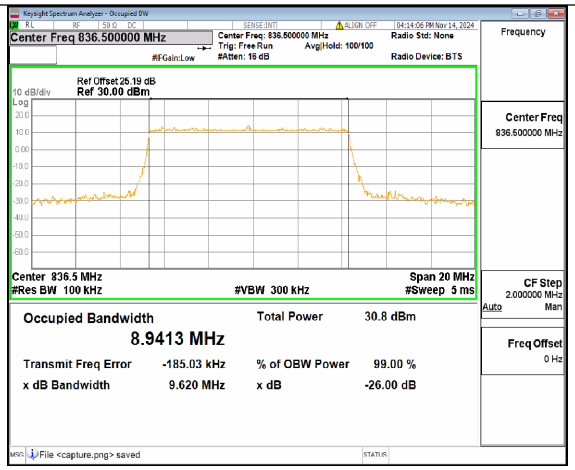

n5 10M CP-OFDM QPSK Outer_Full Low



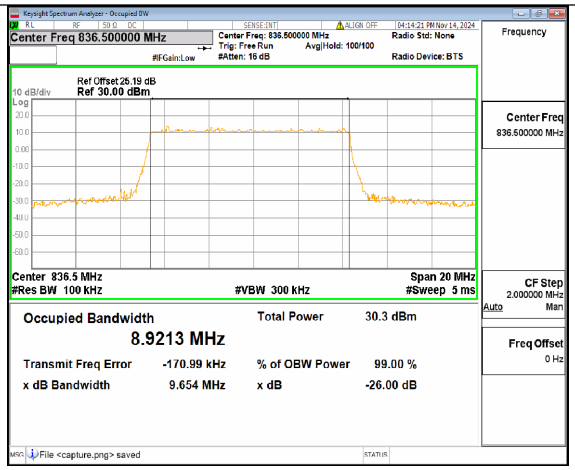

n5 10M DFT-s-OFDM BPSK Outer_Full Mid



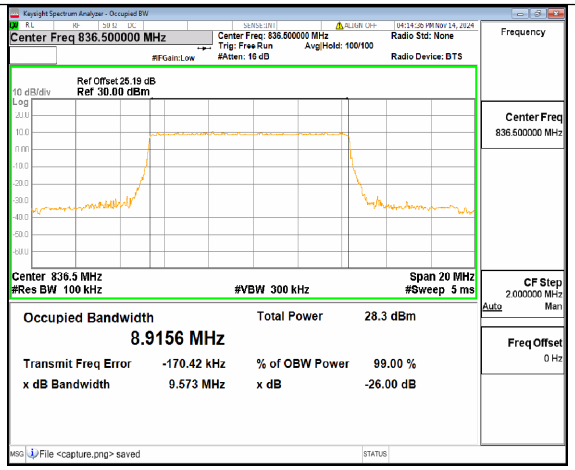

n5 10M DFT-s-OFDM QPSK Outer_Full Mid



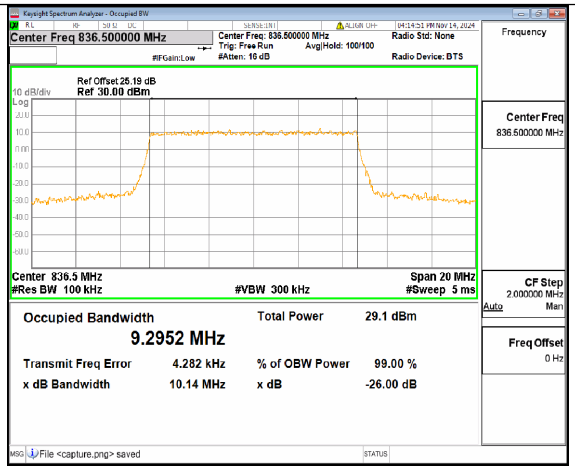

n5 10M DFT-s-OFDM 16QAM Outer_Full Mid



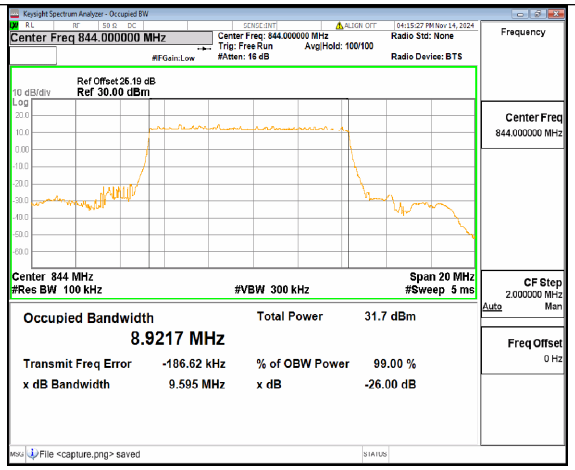

n5 10M DFT-s-OFDM 64QAM Outer_Full Mid



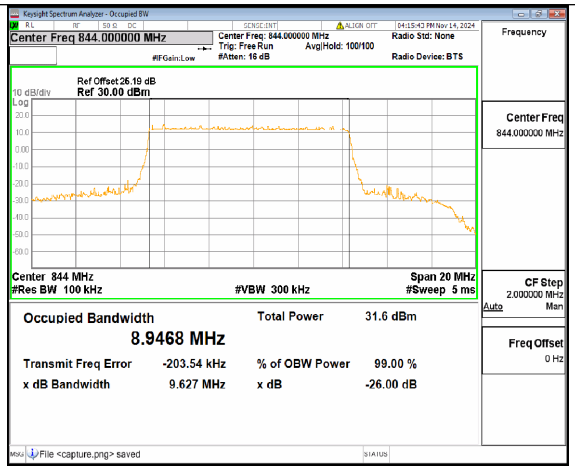

n5 10M DFT-s-OFDM 256QAM Outer_Full Mid



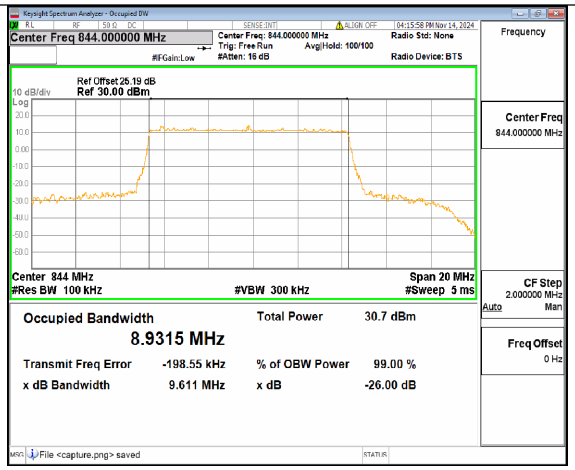

n5 10M CP-OFDM QPSK Outer_Full Mid



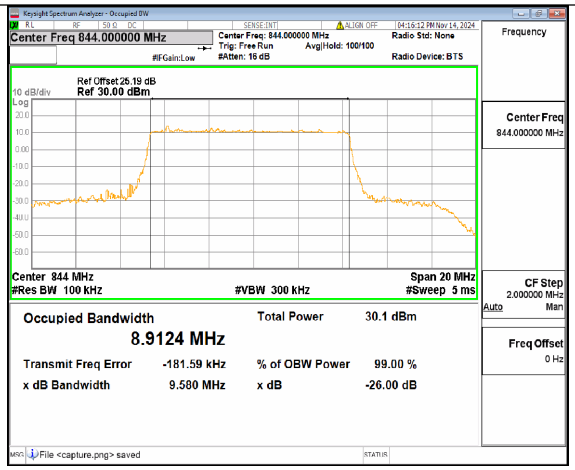

n5 10M DFT-s-OFDM BPSK Outer_Full High



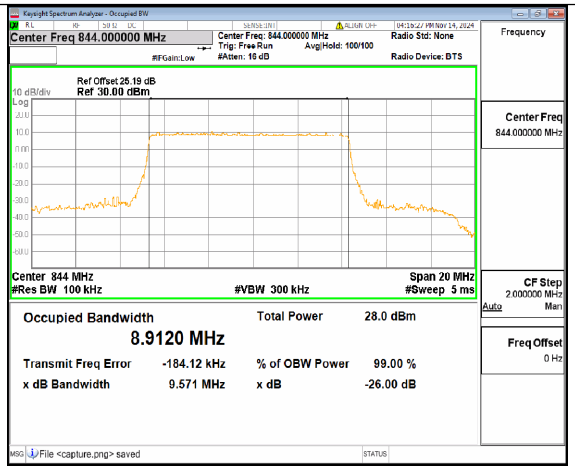

n5 10M DFT-s-OFDM QPSK Outer_Full High



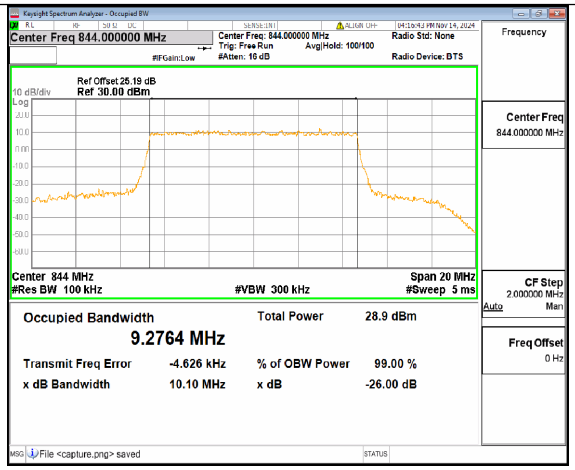

n5 10M DFT-s-OFDM 16QAM Outer_Full High



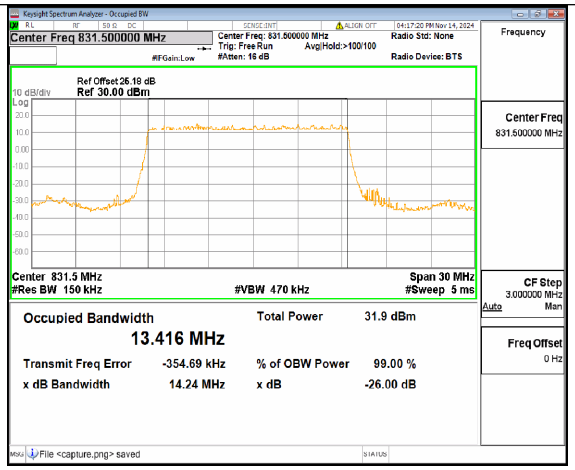

n5 10M DFT-s-OFDM 64QAM Outer_Full High



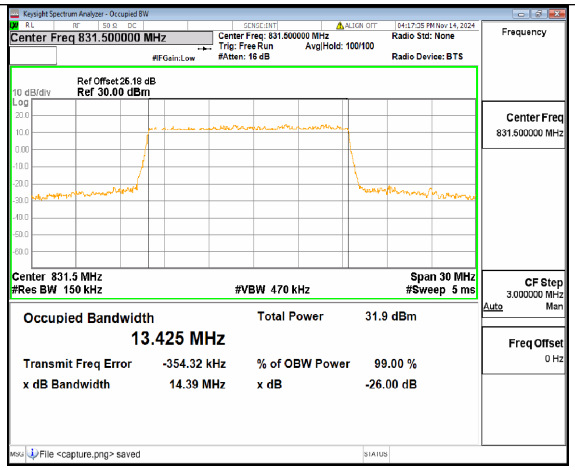

n5 10M DFT-s-OFDM 256QAM Outer_Full High



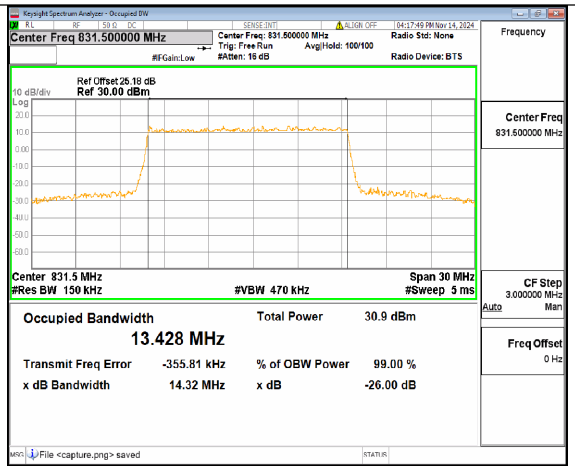

n5 10M CP-OFDM QPSK Outer_Full High




n5 15M DFT-s-OFDM BPSK Outer_Full Low




n5 15M DFT-s-OFDM QPSK Outer_Full Low

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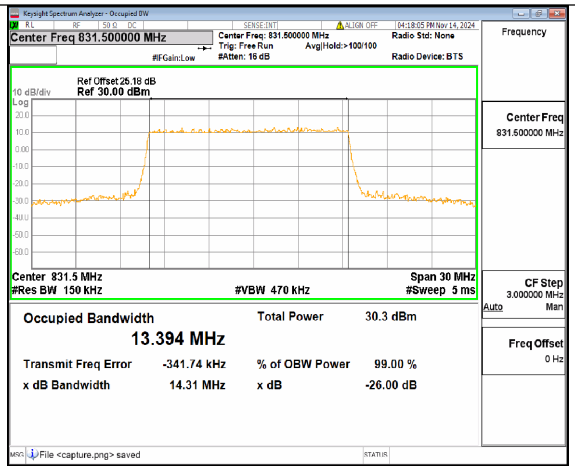
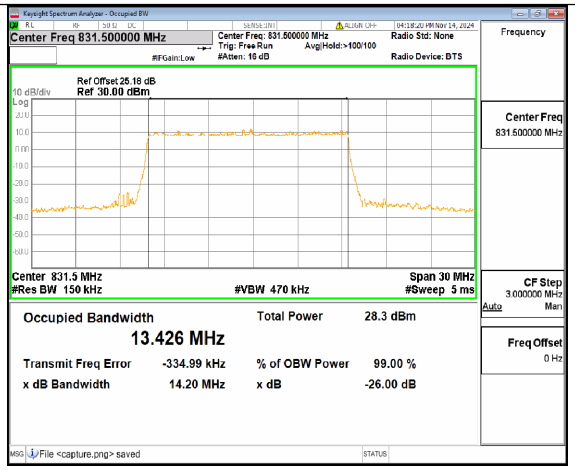
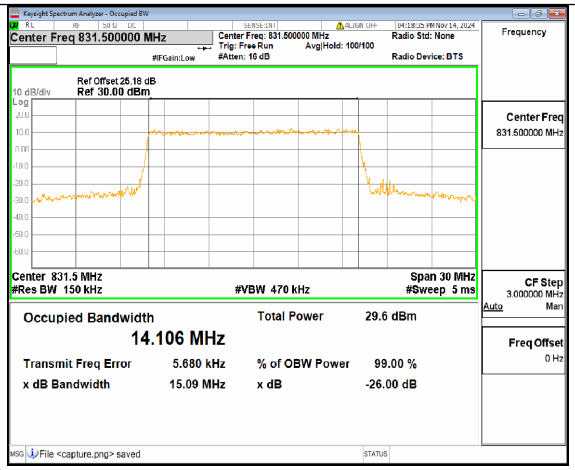


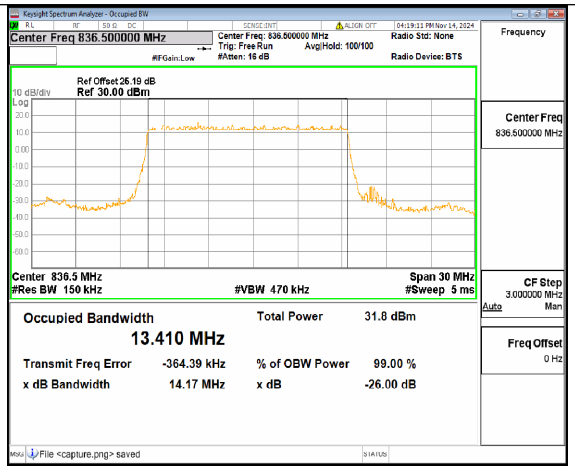

n5 15M DFT-s-OFDM 64QAM Outer_Full Low



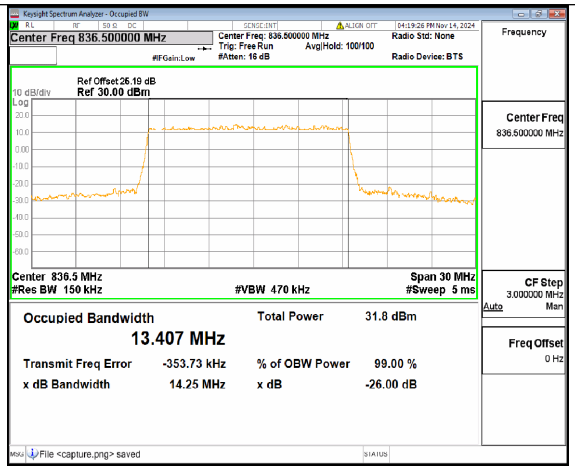

n5 15M DFT-s-OFDM 256QAM Outer_Full Low



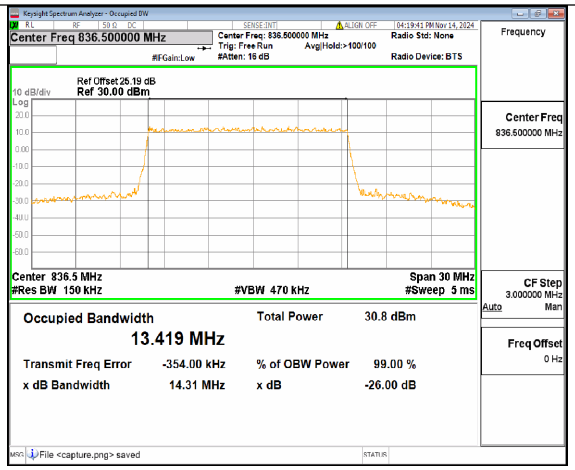

n5 15M CP-OFDM QPSK Outer_Full Low



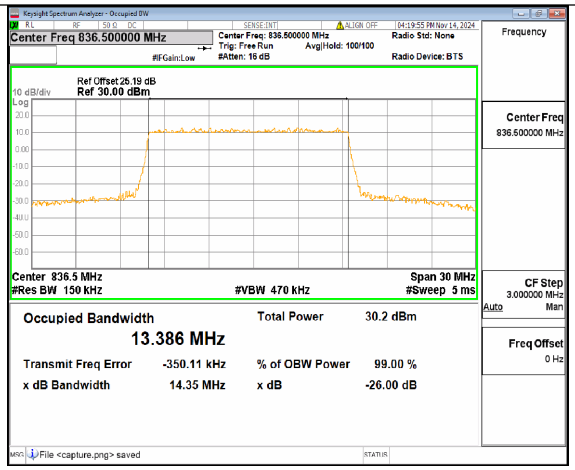

n5 15M DFT-s-OFDM BPSK Outer_Full Mid



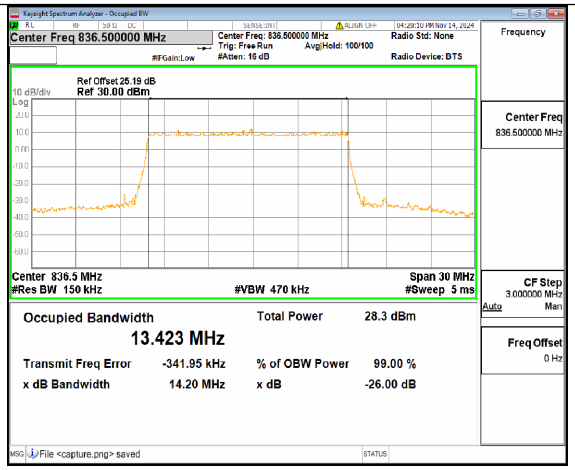

n5 15M DFT-s-OFDM QPSK Outer_Full Mid



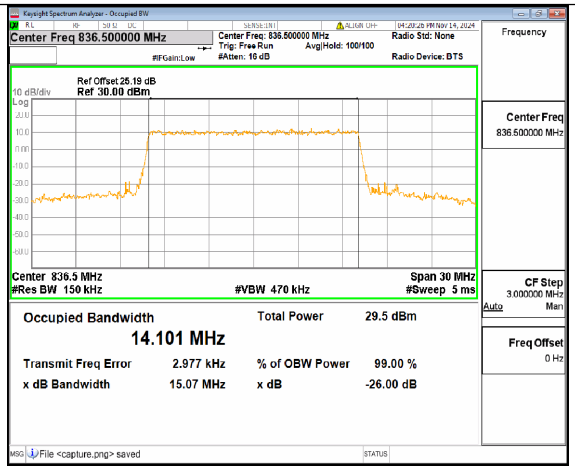

n5 15M DFT-s-OFDM 16QAM Outer_Full Mid



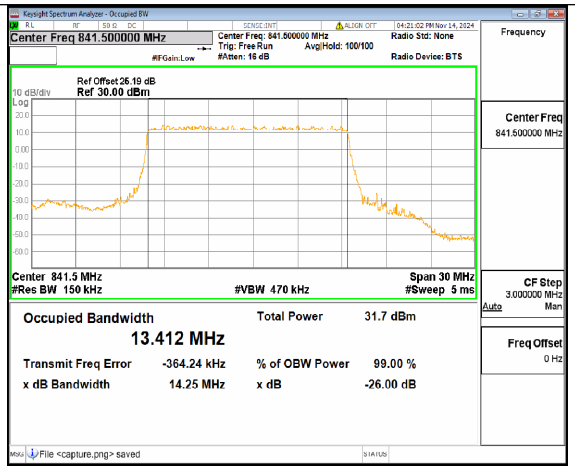

n5 15M DFT-s-OFDM 64QAM Outer_Full Mid



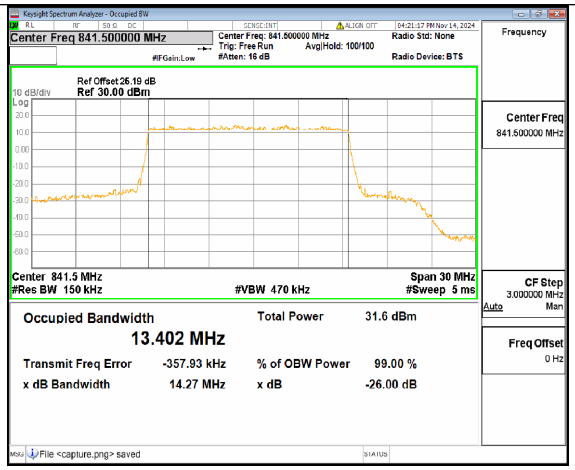

n5 15M DFT-s-OFDM 256QAM Outer_Full Mid



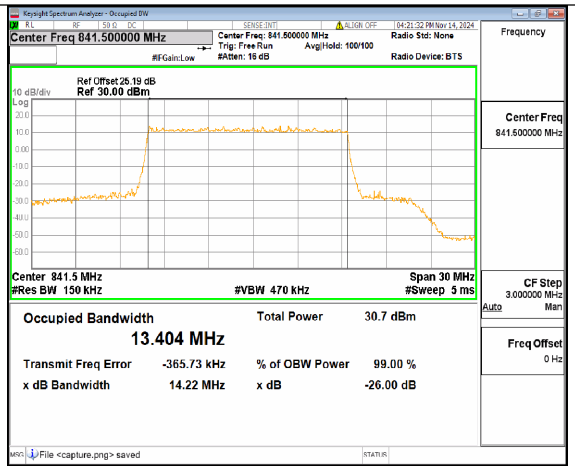

n5 15M CP-OFDM QPSK Outer_Full Mid



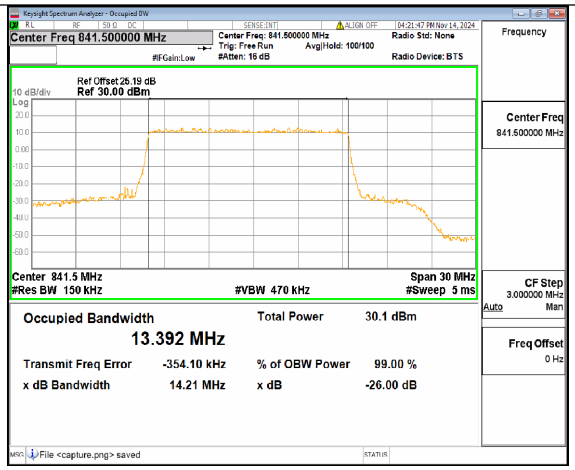

n5 15M DFT-s-OFDM BPSK Outer_Full High



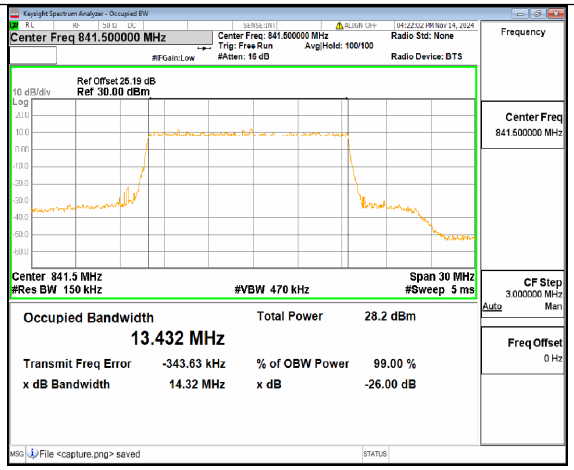

n5 15M DFT-s-OFDM QPSK Outer_Full High



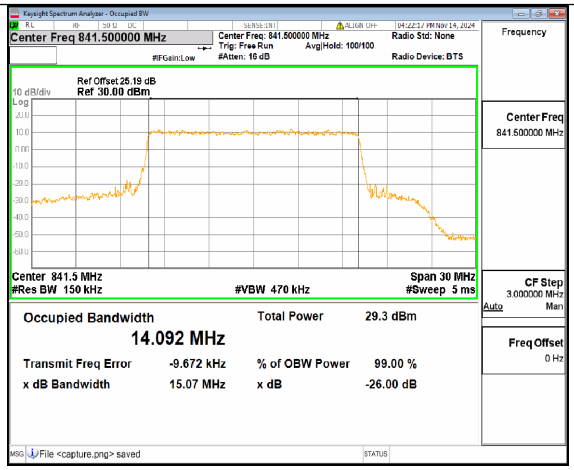

n5 15M DFT-s-OFDM 16QAM Outer_Full High



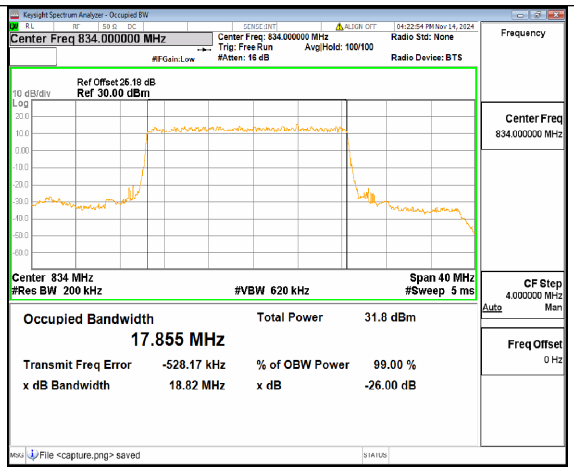

n5 15M DFT-s-OFDM 64QAM Outer_Full High



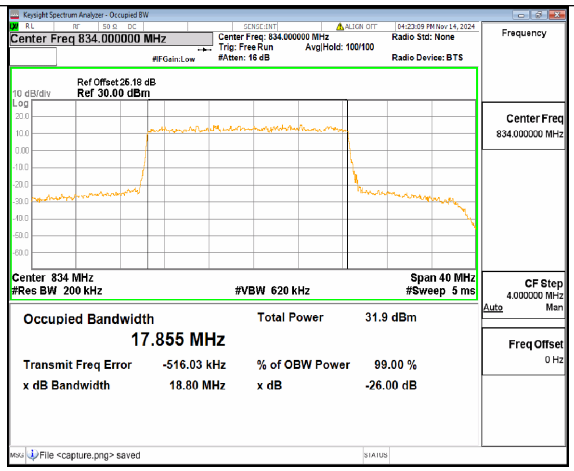

n5 15M DFT-s-OFDM 256QAM Outer_Full High



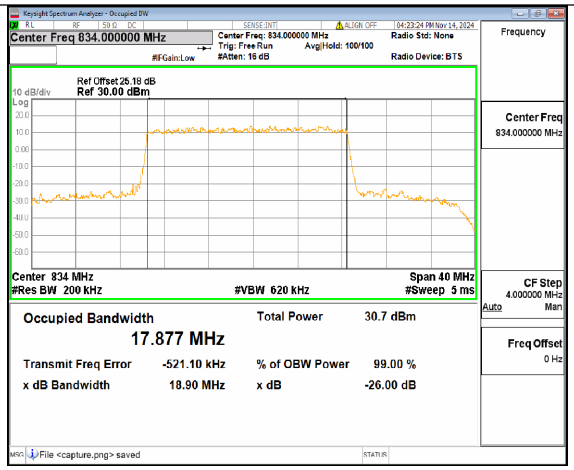

n5 15M CP-OFDM QPSK Outer_Full High



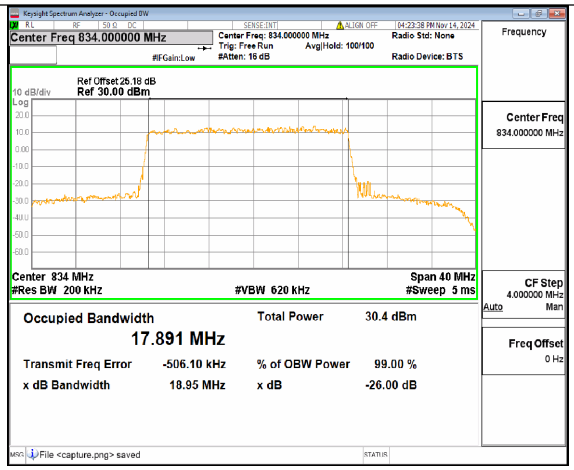

n5 20M DFT-s-OFDM BPSK Outer_Full Low



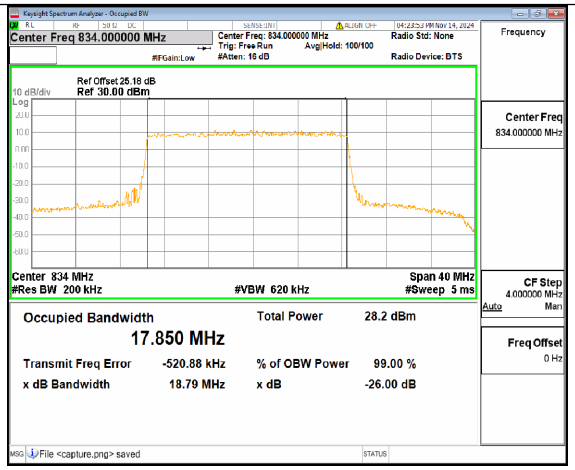

n5 20M DFT-s-OFDM QPSK Outer_Full Low



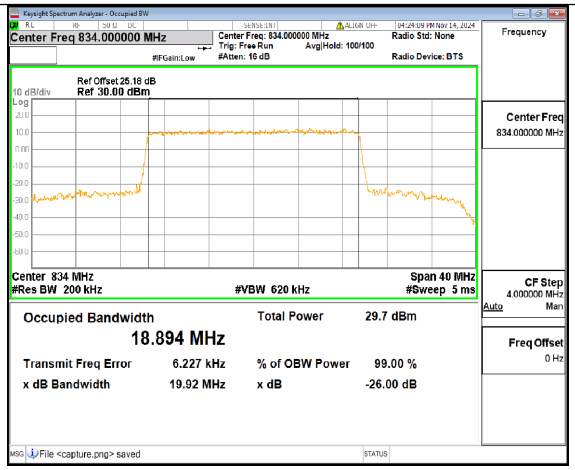

n5 20M DFT-s-OFDM 16QAM Outer_Full Low



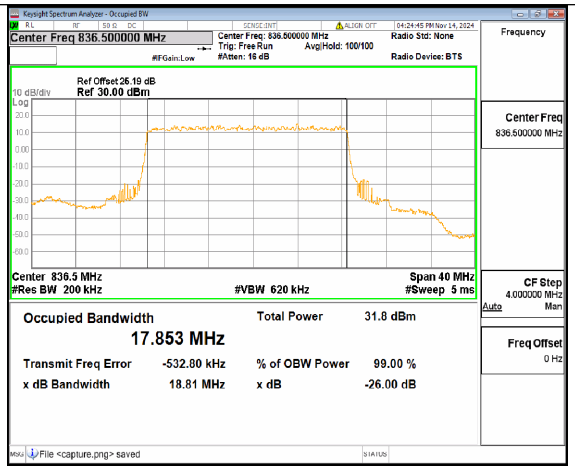

n5 20M DFT-s-OFDM 64QAM Outer_Full Low



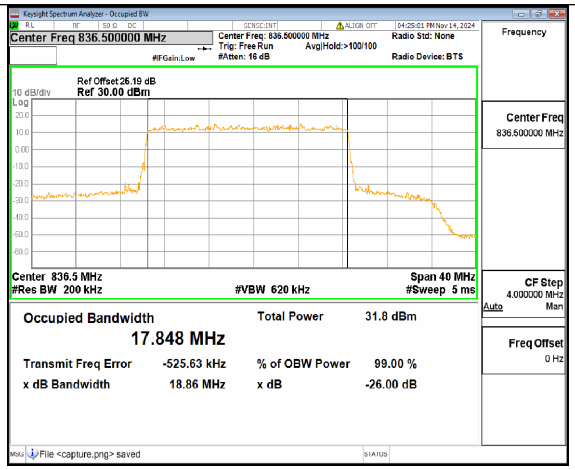

n5 20M DFT-s-OFDM 256QAM Outer_Full Low



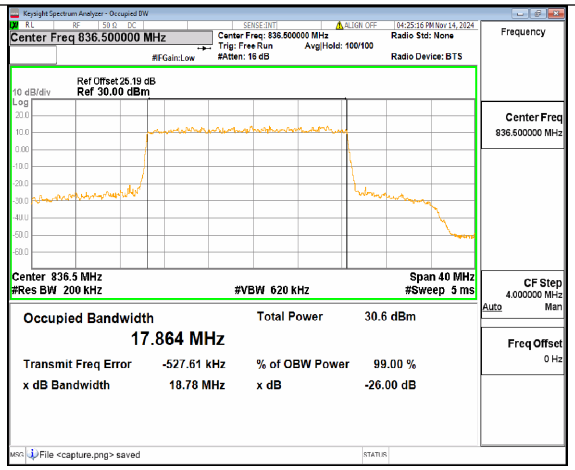

n5 20M CP-OFDM QPSK Outer_Full Low



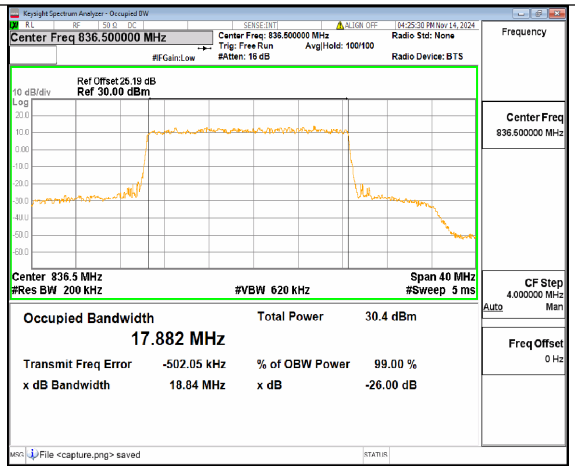

n5 20M DFT-s-OFDM BPSK Outer_Full Mid



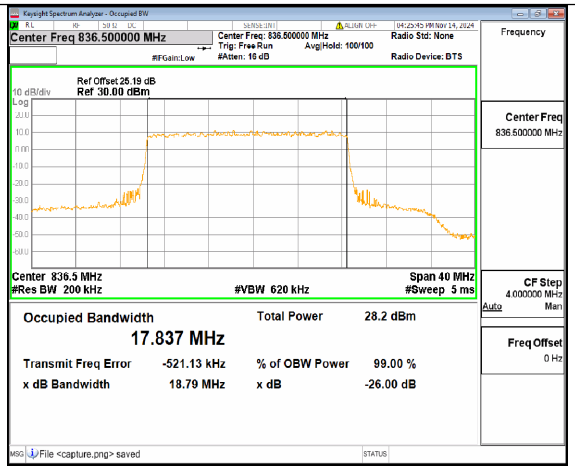

n5 20M DFT-s-OFDM QPSK Outer_Full Mid



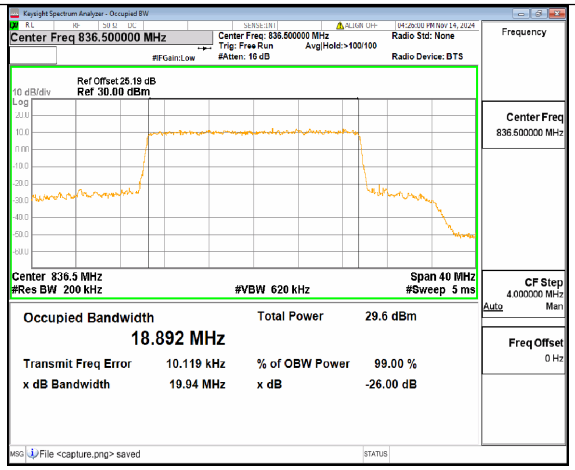

n5 20M DFT-s-OFDM 16QAM Outer_Full Mid



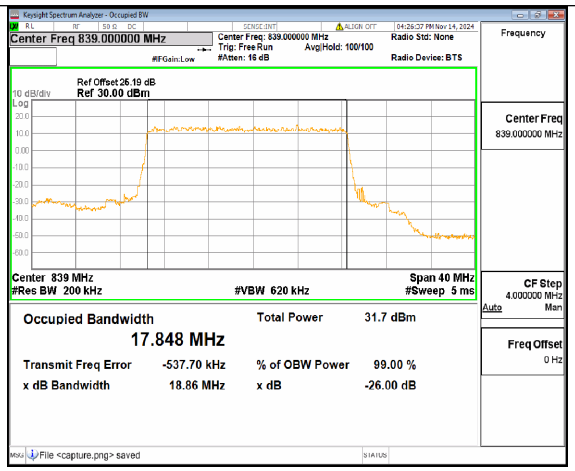

n5 20M DFT-s-OFDM 64QAM Outer_Full Mid



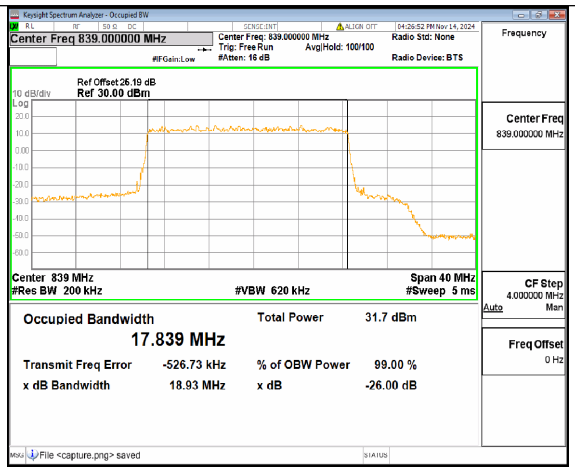

n5 20M DFT-s-OFDM 256QAM Outer_Full Mid



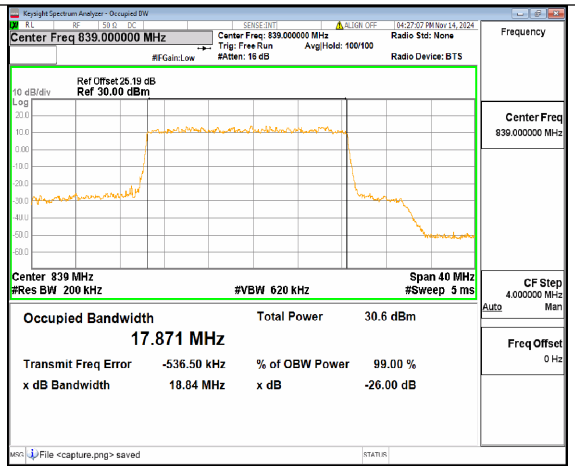

n5 20M CP-OFDM QPSK Outer_Full Mid



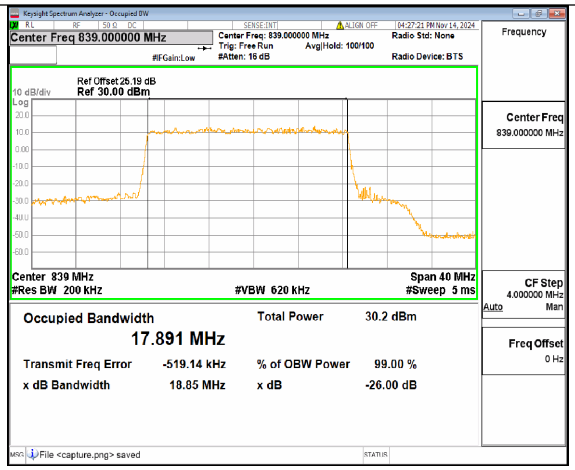

n5 20M DFT-s-OFDM BPSK Outer_Full High



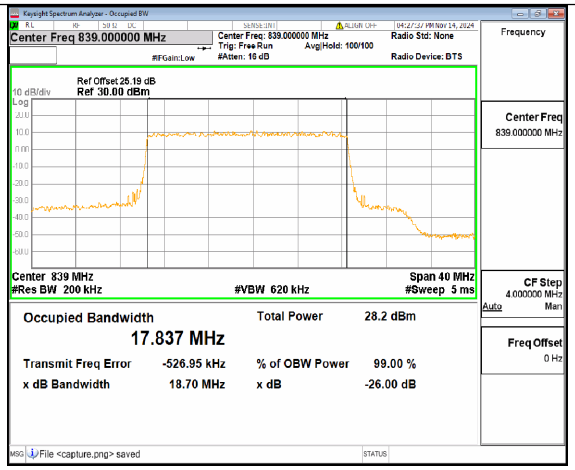

n5 20M DFT-s-OFDM QPSK Outer_Full High



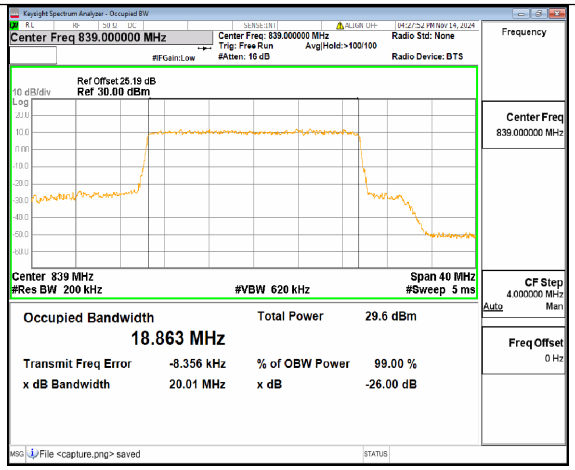

n5 20M DFT-s-OFDM 16QAM Outer_Full High




n5 20M DFT-s-OFDM 64QAM Outer_Full High




n5 20M DFT-s-OFDM 256QAM Outer_Full High




n5 20M CP-OFDM QPSK Outer_Full High

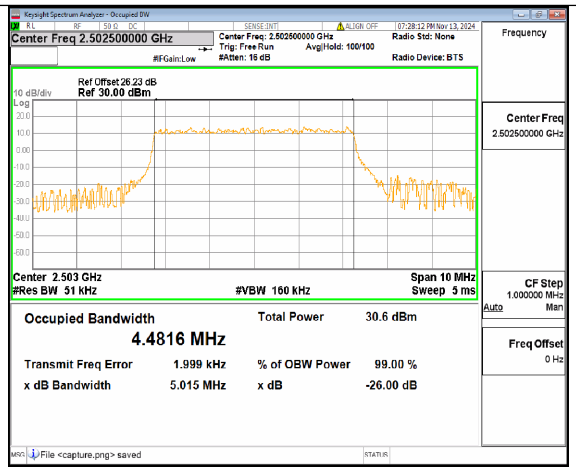
| Band | SCS (kHz) | BW (MHz) | ARFCN | Modulation | RB | OBW (MHz) | 26dB BW (MHz) | Verdict |
|---|---|---|---|---|---|---|---|---|
| n7 | 15 | 5 | 500500 | DFT-s-OFDM PI/2 BPSK | 25/0 | 4.4816 | 5.015 | PASS |
| n7 | 15 | 5 | 500500 | DFT-s-OFDM QPSK | 25/0 | 4.4924 | 5.065 | PASS |
| n7 | 15 | 5 | 500500 | DFT-s-OFDM 16QAM | 25/0 | 4.4885 | 5.047 | PASS |
| n7 | 15 | 5 | 500500 | DFT-s-OFDM 64QAM | 25/0 | 4.4759 | 4.902 | PASS |
| n7 | 15 | 5 | 500500 | DFT-s-OFDM 256QAM | 25/0 | 4.4876 | 5.075 | PASS |
| n7 | 15 | 5 | 500500 | CP-OFDM QPSK | 25/0 | 4.4747 | 5.043 | PASS |
| n7 | 15 | 5 | 507000 | DFT-s-OFDM PI/2 BPSK | 25/0 | 4.4791 | 5.014 | PASS |
| n7 | 15 | 5 | 507000 | DFT-s-OFDM QPSK | 25/0 | 4.4934 | 5.062 | PASS |
| n7 | 15 | 5 | 507000 | DFT-s-OFDM 16QAM | 25/0 | 4.4872 | 5.073 | PASS |
| n7 | 15 | 5 | 507000 | DFT-s- | 25/0 | 4.4713 | 4.888 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | OFDM 64QAM | | | | |
| n7 | 15 | 5 | 507000 | DFT-s-OFDM 256QAM | 25/0 | 4.4886 | 5.064 | PASS |
| n7 | 15 | 5 | 507000 | CP-OFDM QPSK | 25/0 | 4.4745 | 5.919 | PASS |
| n7 | 15 | 5 | 513500 | DFT-s-OFDM PI/2 BPSK | 25/0 | 4.4829 | 4.976 | PASS |
| n7 | 15 | 5 | 513500 | DFT-s-OFDM QPSK | 25/0 | 4.4906 | 5.030 | PASS |
| n7 | 15 | 5 | 513500 | DFT-s-OFDM 16QAM | 25/0 | 4.4921 | 5.077 | PASS |
| n7 | 15 | 5 | 513500 | DFT-s-OFDM 64QAM | 25/0 | 4.4765 | 4.934 | PASS |
| n7 | 15 | 5 | 513500 | DFT-s-OFDM 256QAM | 25/0 | 4.4894 | 5.096 | PASS |
| n7 | 15 | 5 | 513500 | CP-OFDM QPSK | 25/0 | 4.4747 | 5.990 | PASS |
| n7 | 15 | 10 | 501000 | DFT-s-OFDM PI/2 BPSK | 50/0 | 8.9231 | 9.605 | PASS |
| n7 | 15 | 10 | 501000 | DFT-s-OFDM QPSK | 50/0 | 8.9289 | 11.536 | PASS |
| n7 | 15 | 10 | 501000 | DFT-s-OFDM 16QAM | 50/0 | 8.9464 | 9.685 | PASS |
| n7 | 15 | 10 | 501000 | DFT-s-OFDM 64QAM | 50/0 | 8.9367 | 11.968 | PASS |
| n7 | 15 | 10 | 501000 | DFT-s-OFDM 256QAM | 50/0 | 8.9448 | 9.684 | PASS |
| n7 | 15 | 10 | 501000 | CP-OFDM QPSK | 52/0 | 9.2903 | 10.792 | PASS |
| n7 | 15 | 10 | 507000 | DFT-s-OFDM PI/2 BPSK | 50/0 | 8.9292 | 9.818 | PASS |

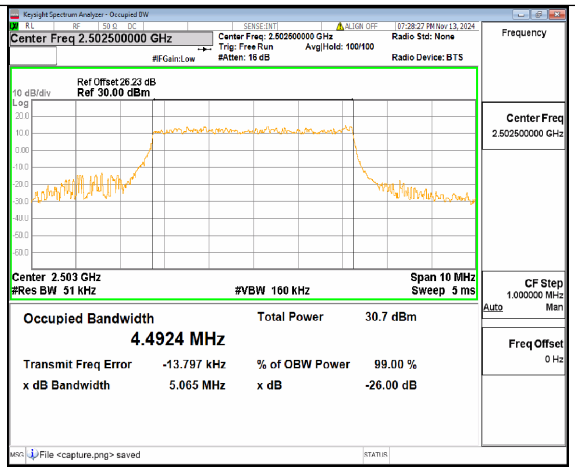
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| n7 | 15 | 10 | 507000 | DFT-s-OFDM QPSK | 50/0 | 8.9356 | 10.476 | PASS |
| n7 | 15 | 10 | 507000 | DFT-s-OFDM 16QAM | 50/0 | 8.9468 | 9.650 | PASS |
| n7 | 15 | 10 | 507000 | DFT-s-OFDM 64QAM | 50/0 | 8.9329 | 10.199 | PASS |
| n7 | 15 | 10 | 507000 | DFT-s-OFDM 256QAM | 50/0 | 8.9375 | 9.619 | PASS |
| n7 | 15 | 10 | 507000 | CP-OFDM QPSK | 52/0 | 9.2987 | 10.191 | PASS |
| n7 | 15 | 10 | 513000 | DFT-s-OFDM PI/2 BPSK | 50/0 | 8.9192 | 11.334 | PASS |
| n7 | 15 | 10 | 513000 | DFT-s-OFDM QPSK | 50/0 | 8.9244 | 11.047 | PASS |
| n7 | 15 | 10 | 513000 | DFT-s-OFDM 16QAM | 50/0 | 8.9483 | 9.630 | PASS |
| n7 | 15 | 10 | 513000 | DFT-s-OFDM 64QAM | 50/0 | 8.9336 | 10.258 | PASS |
| n7 | 15 | 10 | 513000 | DFT-s-OFDM 256QAM | 50/0 | 8.9400 | 9.727 | PASS |
| n7 | 15 | 10 | 513000 | CP-OFDM QPSK | 52/0 | 9.2919 | 10.527 | PASS |
| n7 | 15 | 15 | 501500 | DFT-s-OFDM PI/2 BPSK | 75/0 | 13.431 | 14.332 | PASS |
| n7 | 15 | 15 | 501500 | DFT-s-OFDM QPSK | 75/0 | 13.422 | 14.295 | PASS |
| n7 | 15 | 15 | 501500 | DFT-s-OFDM 16QAM | 75/0 | 13.434 | 14.574 | PASS |
| n7 | 15 | 15 | 501500 | DFT-s-OFDM 64QAM | 75/0 | 13.415 | 14.403 | PASS |
| n7 | 15 | 15 | 501500 | DFT-s-OFDM | 75/0 | 13.441 | 14.333 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | 256QAM | | | | |
| n7 | 15 | 15 | 501500 | CP-OFDM QPSK | 79/0 | 14.128 | 17.922 | PASS |
| n7 | 15 | 15 | 507000 | DFT-s-OFDM PI/2 BPSK | 75/0 | 13.424 | 14.214 | PASS |
| n7 | 15 | 15 | 507000 | DFT-s-OFDM QPSK | 75/0 | 13.423 | 14.401 | PASS |
| n7 | 15 | 15 | 507000 | DFT-s-OFDM 16QAM | 75/0 | 13.435 | 14.289 | PASS |
| n7 | 15 | 15 | 507000 | DFT-s-OFDM 64QAM | 75/0 | 13.401 | 14.486 | PASS |
| n7 | 15 | 15 | 507000 | DFT-s-OFDM 256QAM | 75/0 | 13.425 | 14.195 | PASS |
| n7 | 15 | 15 | 507000 | CP-OFDM QPSK | 79/0 | 14.114 | 18.562 | PASS |
| n7 | 15 | 15 | 512500 | DFT-s-OFDM PI/2 BPSK | 75/0 | 13.418 | 15.586 | PASS |
| n7 | 15 | 15 | 512500 | DFT-s-OFDM QPSK | 75/0 | 13.438 | 14.423 | PASS |
| n7 | 15 | 15 | 512500 | DFT-s-OFDM 16QAM | 75/0 | 13.434 | 14.861 | PASS |
| n7 | 15 | 15 | 512500 | DFT-s-OFDM 64QAM | 75/0 | 13.403 | 14.259 | PASS |
| n7 | 15 | 15 | 512500 | DFT-s-OFDM 256QAM | 75/0 | 13.421 | 14.212 | PASS |
| n7 | 15 | 15 | 512500 | CP-OFDM QPSK | 79/0 | 14.112 | 19.063 | PASS |
| n7 | 15 | 20 | 502000 | DFT-s-OFDM PI/2 BPSK | 100/0 | 17.901 | 20.660 | PASS |
| n7 | 15 | 20 | 502000 | DFT-s-OFDM QPSK | 100/0 | 17.899 | 19.439 | PASS |
| n7 | 15 | 20 | 502000 | DFT-s- | 100/0 | 17.904 | 20.561 | PASS |

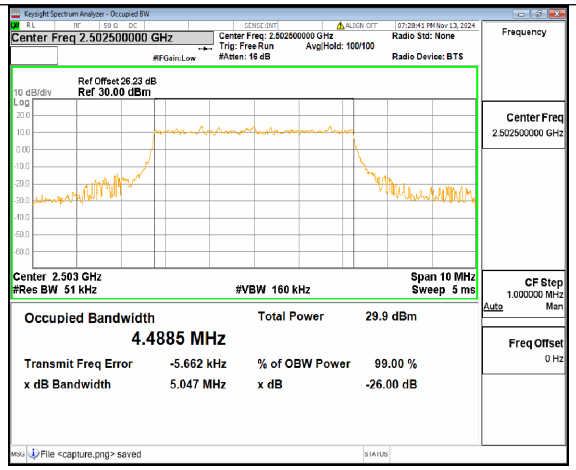
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | OFDM 16QAM | | | | |
| n7 | 15 | 20 | 502000 | DFT-s-OFDM 64QAM | 100/0 | 17.901 | 19.407 | PASS |
| n7 | 15 | 20 | 502000 | DFT-s-OFDM 256QAM | 100/0 | 17.876 | 19.995 | PASS |
| n7 | 15 | 20 | 502000 | CP-OFDM QPSK | 106/0 | 18.922 | 20.425 | PASS |
| n7 | 15 | 20 | 507000 | DFT-s-OFDM PI/2 BPSK | 100/0 | 17.894 | 22.127 | PASS |
| n7 | 15 | 20 | 507000 | DFT-s-OFDM QPSK | 100/0 | 17.893 | 20.888 | PASS |
| n7 | 15 | 20 | 507000 | DFT-s-OFDM 16QAM | 100/0 | 17.899 | 21.439 | PASS |
| n7 | 15 | 20 | 507000 | DFT-s-OFDM 64QAM | 100/0 | 17.904 | 20.869 | PASS |
| n7 | 15 | 20 | 507000 | DFT-s-OFDM 256QAM | 100/0 | 17.874 | 21.009 | PASS |
| n7 | 15 | 20 | 507000 | CP-OFDM QPSK | 106/0 | 18.922 | 21.332 | PASS |
| n7 | 15 | 20 | 512000 | DFT-s-OFDM PI/2 BPSK | 100/0 | 17.891 | 21.469 | PASS |
| n7 | 15 | 20 | 512000 | DFT-s-OFDM QPSK | 100/0 | 17.881 | 21.891 | PASS |
| n7 | 15 | 20 | 512000 | DFT-s-OFDM 16QAM | 100/0 | 17.893 | 22.097 | PASS |
| n7 | 15 | 20 | 512000 | DFT-s-OFDM 64QAM | 100/0 | 17.897 | 21.019 | PASS |
| n7 | 15 | 20 | 512000 | DFT-s-OFDM 256QAM | 100/0 | 17.867 | 19.907 | PASS |
| n7 | 15 | 20 | 512000 | CP-OFDM QPSK | 106/0 | 18.908 | 23.185 | PASS |



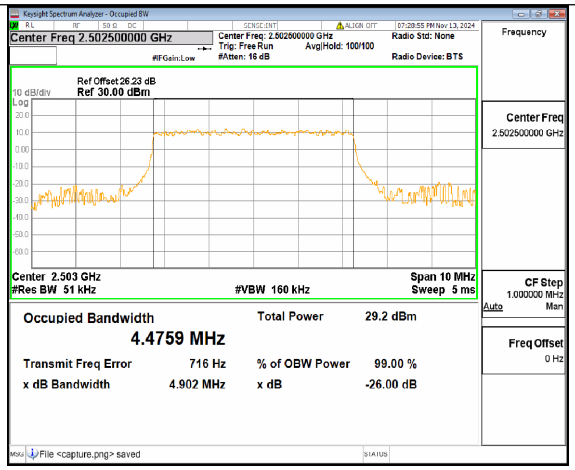

n7 5M DFT-s-OFDM BPSK Outer_Full Low



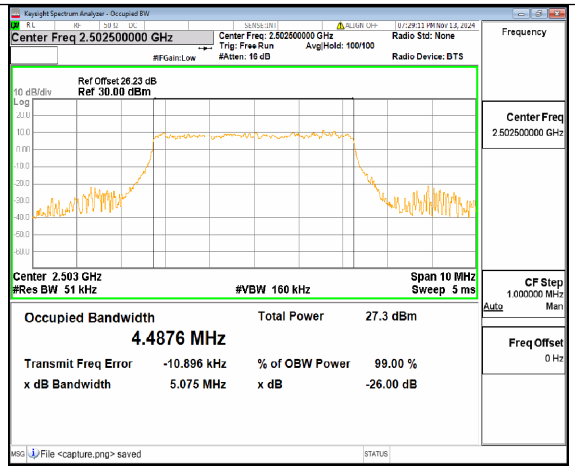

n7 5M DFT-s-OFDM QPSK Outer_Full Low



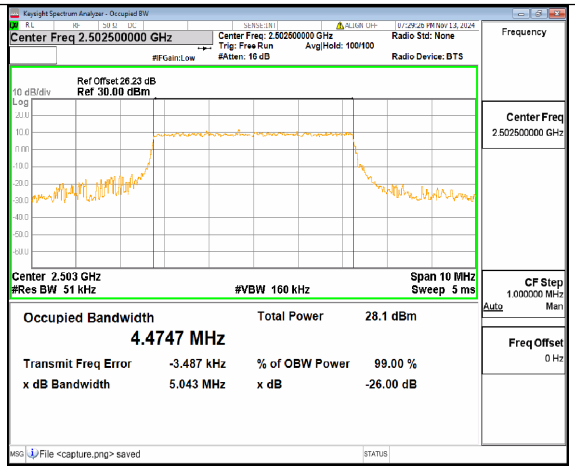

n7 5M DFT-s-OFDM 16QAM Outer_Full Low



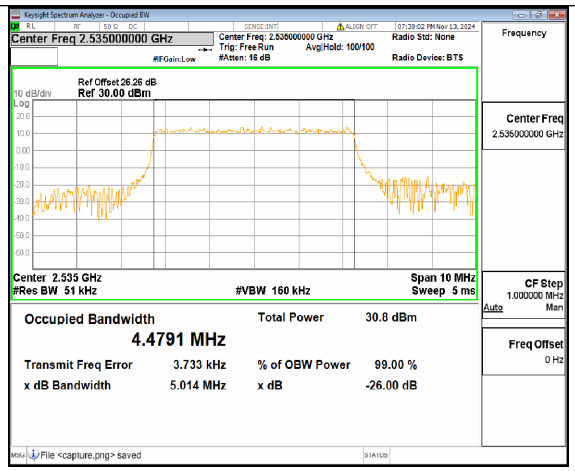

n7 5M DFT-s-OFDM 64QAM Outer_Full Low



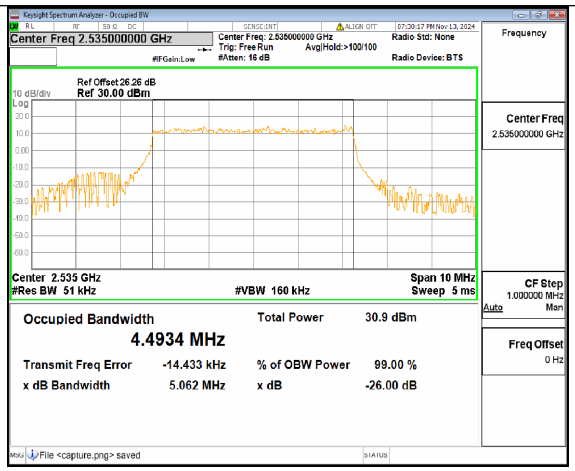

n7 5M DFT-s-OFDM 256QAM Outer_Full Low



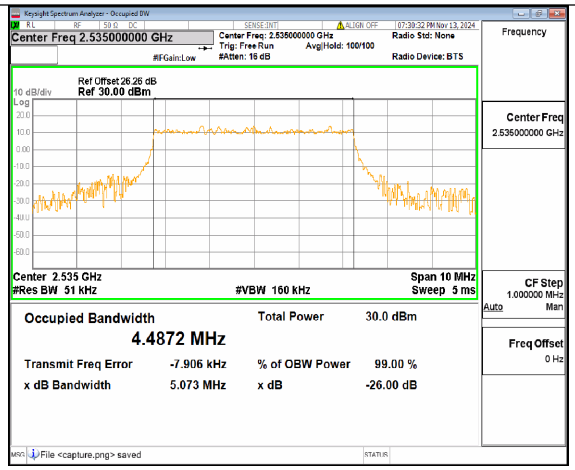

n7 5M CP-OFDM QPSK Outer_Full Low



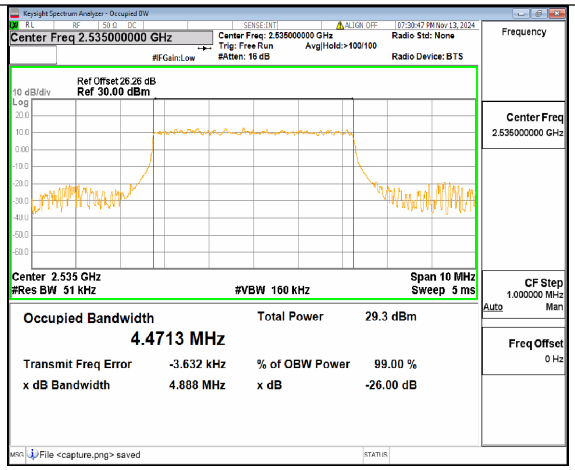

n7 5M DFT-s-OFDM BPSK Outer_Full Mid




n7 5M DFT-s-OFDM QPSK Outer_Full Mid




n7 5M DFT-s-OFDM 16QAM Outer_Full Mid




n7 5M DFT-s-OFDM 64QAM Outer_Full Mid