

# Appendix B.1

## LTE Band 48



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch, Wireless Laboratory

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### 1. Effective (Isotropic) Radiated Power Output Data

#### 1.1 Test Result

##### 1.1.1 B48\_5MHz\_EIRP

| Band: 48 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 3552.5          | 1             | 0      | 23.57                 | 14         | 37.57      | /     | Pass    |
|                                   |                 |               | 13     | 23.62                 | 14         | 37.62      | /     | Pass    |
|                                   |                 |               | 24     | 23.61                 | 14         | 37.61      | /     | Pass    |
|                                   |                 | 12            | 0      | 22.66                 | 14         | 36.66      | /     | Pass    |
|                                   |                 |               | 6      | 22.57                 | 14         | 36.57      | /     | Pass    |
|                                   |                 |               | 13     | 22.53                 | 14         | 36.53      | /     | Pass    |
|                                   |                 | 25            | 0      | 22.51                 | 14         | 36.51      | /     | Pass    |
|                                   | 3625            | 1             | 0      | 23.37                 | 14         | 37.37      | /     | Pass    |
|                                   |                 |               | 13     | 23.47                 | 14         | 37.47      | /     | Pass    |
|                                   |                 |               | 24     | 23.49                 | 14         | 37.49      | /     | Pass    |
|                                   |                 | 12            | 0      | 22.43                 | 14         | 36.43      | /     | Pass    |
|                                   |                 |               | 6      | 22.52                 | 14         | 36.52      | /     | Pass    |
|                                   |                 |               | 13     | 22.48                 | 14         | 36.48      | /     | Pass    |
|                                   |                 | 25            | 0      | 22.33                 | 14         | 36.33      | /     | Pass    |
|                                   | 3697.5          | 1             | 0      | 23.69                 | 14         | 37.69      | /     | Pass    |
|                                   |                 |               | 13     | 23.85                 | 14         | 37.85      | /     | Pass    |
|                                   |                 |               | 24     | 23.83                 | 14         | 37.83      | /     | Pass    |
|                                   |                 | 12            | 0      | 22.77                 | 14         | 36.77      | /     | Pass    |
|                                   |                 |               | 6      | 22.81                 | 14         | 36.81      | /     | Pass    |
|                                   |                 |               | 13     | 22.86                 | 14         | 36.86      | /     | Pass    |
|                                   |                 | 25            | 0      | 22.77                 | 14         | 36.77      | /     | Pass    |
| 16QAM                             | 3552.5          | 1             | 0      | 22.53                 | 14         | 36.53      | /     | Pass    |
|                                   |                 |               | 13     | 22.48                 | 14         | 36.48      | /     | Pass    |
|                                   |                 |               | 24     | 22.56                 | 14         | 36.56      | /     | Pass    |
|                                   |                 | 12            | 0      | 21.68                 | 14         | 35.68      | /     | Pass    |
|                                   |                 |               | 6      | 21.69                 | 14         | 35.69      | /     | Pass    |
|                                   |                 |               | 13     | 21.69                 | 14         | 35.69      | /     | Pass    |
|                                   |                 | 25            | 0      | 21.65                 | 14         | 35.65      | /     | Pass    |



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|  |        |                                          |    |       |    |       |   |      |
|--|--------|------------------------------------------|----|-------|----|-------|---|------|
|  | 3625   | 1                                        | 0  | 22.28 | 14 | 36.28 | / | Pass |
|  |        |                                          | 13 | 22.42 | 14 | 36.42 | / | Pass |
|  |        |                                          | 24 | 22.45 | 14 | 36.45 | / | Pass |
|  |        | 12                                       | 0  | 21.34 | 14 | 35.34 | / | Pass |
|  |        |                                          | 6  | 21.4  | 14 | 35.4  | / | Pass |
|  |        |                                          | 13 | 21.38 | 14 | 35.38 | / | Pass |
|  |        | 25                                       | 0  | 21.26 | 14 | 35.26 | / | Pass |
|  | 3697.5 | 1                                        | 0  | 22.72 | 14 | 36.72 | / | Pass |
|  |        |                                          | 13 | 22.81 | 14 | 36.81 | / | Pass |
|  |        |                                          | 24 | 22.85 | 14 | 36.85 | / | Pass |
|  |        | 12                                       | 0  | 21.78 | 14 | 35.78 | / | Pass |
|  |        |                                          | 6  | 21.7  | 14 | 35.7  | / | Pass |
|  |        |                                          | 13 | 21.86 | 14 | 35.86 | / | Pass |
|  |        | 25                                       | 0  | 21.71 | 14 | 35.71 | / | Pass |
|  |        | Note1: EIRP=Conducted Power+Antenna Gain |    |       |    |       |   |      |

### 1.1.2 B48\_5MHz\_EIRP/10MHz

| Band: 48 / Bandwidth: 5MHz / NTN |                 |               |        |                             |            |                        |       |         |
|----------------------------------|-----------------|---------------|--------|-----------------------------|------------|------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) |       | Verdict |
|                                  |                 | Size          | Offset |                             |            | Result                 | Limit |         |
| QPSK                             | 3552.5          | 1             | 0      | 21.68                       | 14         | 35.68                  | <=47  | Pass    |
|                                  |                 |               | 13     | 21.72                       | 14         | 35.72                  | <=47  | Pass    |
|                                  |                 |               | 24     | 21.3                        | 14         | 35.3                   | <=47  | Pass    |
|                                  |                 | 12            | 0      | 20.18                       | 14         | 34.18                  | <=47  | Pass    |
|                                  |                 |               | 6      | 20.65                       | 14         | 34.65                  | <=47  | Pass    |
|                                  |                 |               | 13     | 20.59                       | 14         | 34.59                  | <=47  | Pass    |
|                                  |                 | 25            | 0      | 20.27                       | 14         | 34.27                  | <=47  | Pass    |
|                                  | 3625            | 1             | 0      | 21.09                       | 14         | 35.09                  | <=47  | Pass    |
|                                  |                 |               | 13     | 21.44                       | 14         | 35.44                  | <=47  | Pass    |
|                                  |                 |               | 24     | 21.44                       | 14         | 35.44                  | <=47  | Pass    |
|                                  |                 | 12            | 0      | 20.54                       | 14         | 34.54                  | <=47  | Pass    |
|                                  |                 |               | 6      | 20.59                       | 14         | 34.59                  | <=47  | Pass    |
|                                  |                 |               | 13     | 20.41                       | 14         | 34.41                  | <=47  | Pass    |
|                                  |                 | 25            | 0      | 20.48                       | 14         | 34.48                  | <=47  | Pass    |
|                                  | 3697.5          | 1             | 0      | 22.15                       | 14         | 36.15                  | <=47  | Pass    |
|                                  |                 |               | 13     | 22.59                       | 14         | 36.59                  | <=47  | Pass    |
|                                  |                 |               | 24     | 22.04                       | 14         | 36.04                  | <=47  | Pass    |



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|       |        |    |    |       |    |       |      |      |
|-------|--------|----|----|-------|----|-------|------|------|
|       |        | 12 | 0  | 21.04 | 14 | 35.04 | <=47 | Pass |
|       |        |    | 6  | 20.98 | 14 | 34.98 | <=47 | Pass |
|       |        |    | 13 | 21.05 | 14 | 35.05 | <=47 | Pass |
|       |        | 25 | 0  | 20.93 | 14 | 34.93 | <=47 | Pass |
| 16QAM | 3552.5 | 1  | 0  | 20.29 | 14 | 34.29 | <=47 | Pass |
|       |        |    | 13 | 20.43 | 14 | 34.43 | <=47 | Pass |
|       |        |    | 24 | 21.12 | 14 | 35.12 | <=47 | Pass |
|       |        | 12 | 0  | 19.34 | 14 | 33.34 | <=47 | Pass |
|       |        |    | 6  | 19.14 | 14 | 33.14 | <=47 | Pass |
|       |        |    | 13 | 19.53 | 14 | 33.53 | <=47 | Pass |
|       |        | 25 | 0  | 19.62 | 14 | 33.62 | <=47 | Pass |
|       | 3625   | 1  | 0  | 20.35 | 14 | 34.35 | <=47 | Pass |
|       |        |    | 13 | 20.55 | 14 | 34.55 | <=47 | Pass |
|       |        |    | 24 | 20.49 | 14 | 34.49 | <=47 | Pass |
|       |        | 12 | 0  | 19.3  | 14 | 33.3  | <=47 | Pass |
|       |        |    | 6  | 19.58 | 14 | 33.58 | <=47 | Pass |
|       |        |    | 13 | 19.34 | 14 | 33.34 | <=47 | Pass |
|       |        | 25 | 0  | 19.34 | 14 | 33.34 | <=47 | Pass |
|       | 3697.5 | 1  | 0  | 20.9  | 14 | 34.9  | <=47 | Pass |
|       |        |    | 13 | 21.15 | 14 | 35.15 | <=47 | Pass |
|       |        |    | 24 | 21.29 | 14 | 35.29 | <=47 | Pass |
|       |        | 12 | 0  | 19.87 | 14 | 33.87 | <=47 | Pass |
|       |        |    | 6  | 20.28 | 14 | 34.28 | <=47 | Pass |
|       |        |    | 13 | 19.87 | 14 | 33.87 | <=47 | Pass |
|       |        | 25 | 0  | 19.91 | 14 | 33.91 | <=47 | Pass |

Note1: EIRP/10MHz=Conducted Power+Antenna Gain

### 1.1.3 B48\_5MHz\_E.I.R.PSD

| Band: 48 / Bandwidth: 5MHz / NTNV |                 |               |        |                           |            |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------------|------------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm/MHz) | Gain (dBi) | E.I.R.PSD (dBm/MHz) |       | Verdict |
|                                   |                 | Size          | Offset |                           |            | Result              | Limit |         |
| QPSK                              | 3552.5          | 1             | 0      | 19.37                     | 14         | 33.37               | <=37  | Pass    |
|                                   |                 |               | 13     | 18.94                     | 14         | 32.94               | <=37  | Pass    |
|                                   |                 |               | 24     | 19.68                     | 14         | 33.68               | <=37  | Pass    |
|                                   |                 | 12            | 0      | 8.1                       | 14         | 22.1                | <=37  | Pass    |
|                                   |                 |               | 6      | 8.23                      | 14         | 22.23               | <=37  | Pass    |
|                                   |                 |               | 13     | 8.41                      | 14         | 22.41               | <=37  | Pass    |



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|       |  |        |    |       |    |       |      |      |
|-------|--|--------|----|-------|----|-------|------|------|
|       |  | 25     | 0  | 5.13  | 14 | 19.13 | <=37 | Pass |
|       |  | 1      | 0  | 19.02 | 14 | 33.02 | <=37 | Pass |
|       |  |        | 13 | 19.04 | 14 | 33.04 | <=37 | Pass |
|       |  |        | 24 | 19.03 | 14 | 33.03 | <=37 | Pass |
|       |  | 12     | 0  | 8.19  | 14 | 22.19 | <=37 | Pass |
|       |  |        | 6  | 8.05  | 14 | 22.05 | <=37 | Pass |
|       |  |        | 13 | 7.96  | 14 | 21.96 | <=37 | Pass |
|       |  | 25     | 0  | 5.09  | 14 | 19.09 | <=37 | Pass |
|       |  | 3697.5 | 0  | 19.77 | 14 | 33.77 | <=37 | Pass |
|       |  |        | 13 | 19.9  | 14 | 33.9  | <=37 | Pass |
|       |  |        | 24 | 19.37 | 14 | 33.37 | <=37 | Pass |
|       |  |        | 0  | 8.37  | 14 | 22.37 | <=37 | Pass |
|       |  |        | 6  | 8.67  | 14 | 22.67 | <=37 | Pass |
|       |  |        | 13 | 8.58  | 14 | 22.58 | <=37 | Pass |
|       |  | 25     | 0  | 5.45  | 14 | 19.45 | <=37 | Pass |
| 16QAM |  | 3552.5 | 0  | 18.96 | 14 | 32.96 | <=37 | Pass |
|       |  |        | 13 | 16.04 | 14 | 30.04 | <=37 | Pass |
|       |  |        | 24 | 17.54 | 14 | 31.54 | <=37 | Pass |
|       |  |        | 0  | 7.22  | 14 | 21.22 | <=37 | Pass |
|       |  |        | 6  | 7.52  | 14 | 21.52 | <=37 | Pass |
|       |  |        | 13 | 7.46  | 14 | 21.46 | <=37 | Pass |
|       |  | 25     | 0  | 4.62  | 14 | 18.62 | <=37 | Pass |
|       |  | 3625   | 0  | 18.07 | 14 | 32.07 | <=37 | Pass |
|       |  |        | 13 | 18.09 | 14 | 32.09 | <=37 | Pass |
|       |  |        | 24 | 18.32 | 14 | 32.32 | <=37 | Pass |
|       |  |        | 0  | 6.95  | 14 | 20.95 | <=37 | Pass |
|       |  |        | 6  | 7.12  | 14 | 21.12 | <=37 | Pass |
|       |  |        | 13 | 7.08  | 14 | 21.08 | <=37 | Pass |
|       |  | 25     | 0  | 3.8   | 14 | 17.8  | <=37 | Pass |
|       |  | 3697.5 | 0  | 18.51 | 14 | 32.51 | <=37 | Pass |
|       |  |        | 13 | 18.7  | 14 | 32.7  | <=37 | Pass |
|       |  |        | 24 | 18.97 | 14 | 32.97 | <=37 | Pass |
|       |  |        | 0  | 7.98  | 14 | 21.98 | <=37 | Pass |
|       |  |        | 6  | 8.13  | 14 | 22.13 | <=37 | Pass |
|       |  |        | 13 | 7.97  | 14 | 21.97 | <=37 | Pass |
|       |  | 25     | 0  | 4.2   | 14 | 18.2  | <=37 | Pass |

Note1: E.I.R.PSD=Conducted Power+Antenna Gain



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### 1.1.4 B48\_10MHz\_EIRP

| Band: 48 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 3555            | 1             | 0      | 22.56                 | 14         | 36.56      | /     | Pass    |
|                                    |                 |               | 25     | 22.52                 | 14         | 36.52      | /     | Pass    |
|                                    |                 |               | 49     | 22.46                 | 14         | 36.46      | /     | Pass    |
|                                    |                 | 25            | 0      | 21.62                 | 14         | 35.62      | /     | Pass    |
|                                    |                 |               | 13     | 21.67                 | 14         | 35.67      | /     | Pass    |
|                                    |                 |               | 25     | 21.64                 | 14         | 35.64      | /     | Pass    |
|                                    |                 | 50            | 0      | 21.6                  | 14         | 35.6       | /     | Pass    |
|                                    | 3625            | 1             | 0      | 22.44                 | 14         | 36.44      | /     | Pass    |
|                                    |                 |               | 25     | 22.4                  | 14         | 36.4       | /     | Pass    |
|                                    |                 |               | 49     | 22.36                 | 14         | 36.36      | /     | Pass    |
|                                    |                 | 25            | 0      | 21.55                 | 14         | 35.55      | /     | Pass    |
|                                    |                 |               | 13     | 21.53                 | 14         | 35.53      | /     | Pass    |
|                                    |                 |               | 25     | 21.62                 | 14         | 35.62      | /     | Pass    |
|                                    |                 | 50            | 0      | 21.39                 | 14         | 35.39      | /     | Pass    |
|                                    | 3695            | 1             | 0      | 22.59                 | 14         | 36.59      | /     | Pass    |
|                                    |                 |               | 25     | 22.43                 | 14         | 36.43      | /     | Pass    |
|                                    |                 |               | 49     | 22.47                 | 14         | 36.47      | /     | Pass    |
|                                    |                 | 25            | 0      | 21.75                 | 14         | 35.75      | /     | Pass    |
|                                    |                 |               | 13     | 21.86                 | 14         | 35.86      | /     | Pass    |
|                                    |                 |               | 25     | 21.9                  | 14         | 35.9       | /     | Pass    |
|                                    |                 | 50            | 0      | 21.88                 | 14         | 35.88      | /     | Pass    |
| 16QAM                              | 3555            | 1             | 0      | 21.5                  | 14         | 35.5       | /     | Pass    |
|                                    |                 |               | 25     | 21.58                 | 14         | 35.58      | /     | Pass    |
|                                    |                 |               | 49     | 21.41                 | 14         | 35.41      | /     | Pass    |
|                                    |                 | 25            | 0      | 20.65                 | 14         | 34.65      | /     | Pass    |
|                                    |                 |               | 13     | 20.7                  | 14         | 34.7       | /     | Pass    |
|                                    |                 |               | 25     | 20.66                 | 14         | 34.66      | /     | Pass    |
|                                    |                 | 50            | 0      | 20.67                 | 14         | 34.67      | /     | Pass    |
|                                    | 3625            | 1             | 0      | 21.43                 | 14         | 35.43      | /     | Pass    |
|                                    |                 |               | 25     | 21.43                 | 14         | 35.43      | /     | Pass    |
|                                    |                 |               | 49     | 21.54                 | 14         | 35.54      | /     | Pass    |
|                                    |                 | 25            | 0      | 20.42                 | 14         | 34.42      | /     | Pass    |
|                                    |                 |               |        |                       |            |            |       |         |



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|  |      |    |    |       |    |       |   |      |
|--|------|----|----|-------|----|-------|---|------|
|  |      |    | 13 | 20.38 | 14 | 34.38 | / | Pass |
|  |      |    | 25 | 20.47 | 14 | 34.47 | / | Pass |
|  |      | 50 | 0  | 20.38 | 14 | 34.38 | / | Pass |
|  | 3695 | 1  | 0  | 21.97 | 14 | 35.97 | / | Pass |
|  |      |    | 25 | 21.86 | 14 | 35.86 | / | Pass |
|  |      |    | 49 | 21.89 | 14 | 35.89 | / | Pass |
|  |      | 25 | 0  | 20.82 | 14 | 34.82 | / | Pass |
|  |      |    | 13 | 20.9  | 14 | 34.9  | / | Pass |
|  |      |    | 25 | 20.93 | 14 | 34.93 | / | Pass |
|  |      | 50 | 0  | 20.78 | 14 | 34.78 | / | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.5 B48\_10MHz\_EIRP/10MHz

| Band: 48 / Bandwidth: 10MHz / NTNV |                 |               |        |                             |            |                        |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------------|------------|------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) |       | Verdict |
|                                    |                 | Size          | Offset |                             |            | Result                 | Limit |         |
| QPSK                               | 3555            | 1             | 0      | 21.82                       | 14         | 35.82                  | <=47  | Pass    |
|                                    |                 |               | 25     | 22.08                       | 14         | 36.08                  | <=47  | Pass    |
|                                    |                 |               | 49     | 18.9                        | 14         | 32.9                   | <=47  | Pass    |
|                                    |                 | 25            | 0      | 20.8                        | 14         | 34.8                   | <=47  | Pass    |
|                                    |                 |               | 13     | 21.05                       | 14         | 35.05                  | <=47  | Pass    |
|                                    |                 |               | 25     | 21.03                       | 14         | 35.03                  | <=47  | Pass    |
|                                    |                 | 50            | 0      | 21.01                       | 14         | 35.01                  | <=47  | Pass    |
|                                    | 3625            | 1             | 0      | 21.3                        | 14         | 35.3                   | <=47  | Pass    |
|                                    |                 |               | 25     | 21.24                       | 14         | 35.24                  | <=47  | Pass    |
|                                    |                 |               | 49     | 21.2                        | 14         | 35.2                   | <=47  | Pass    |
|                                    |                 | 25            | 0      | 20.44                       | 14         | 34.44                  | <=47  | Pass    |
|                                    |                 |               | 13     | 20.24                       | 14         | 34.24                  | <=47  | Pass    |
|                                    |                 |               | 25     | 20.38                       | 14         | 34.38                  | <=47  | Pass    |
|                                    |                 | 50            | 0      | 20.43                       | 14         | 34.43                  | <=47  | Pass    |
|                                    | 3695            | 1             | 0      | 21.48                       | 14         | 35.48                  | <=47  | Pass    |
|                                    |                 |               | 25     | 21.38                       | 14         | 35.38                  | <=47  | Pass    |
|                                    |                 |               | 49     | 21.44                       | 14         | 35.44                  | <=47  | Pass    |
|                                    |                 | 25            | 0      | 20.48                       | 14         | 34.48                  | <=47  | Pass    |
|                                    |                 |               | 13     | 20.71                       | 14         | 34.71                  | <=47  | Pass    |
|                                    |                 |               | 25     | 20.94                       | 14         | 34.94                  | <=47  | Pass    |
|                                    |                 | 50            | 0      | 20.66                       | 14         | 34.66                  | <=47  | Pass    |



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|                                                |      |    |    |       |    |       |      |      |
|------------------------------------------------|------|----|----|-------|----|-------|------|------|
| 16QAM                                          | 3555 | 1  | 0  | 20.93 | 14 | 34.93 | <=47 | Pass |
|                                                |      |    | 25 | 20.88 | 14 | 34.88 | <=47 | Pass |
|                                                |      |    | 49 | 20.45 | 14 | 34.45 | <=47 | Pass |
|                                                |      | 25 | 0  | 20.17 | 14 | 34.17 | <=47 | Pass |
|                                                |      |    | 13 | 20.34 | 14 | 34.34 | <=47 | Pass |
|                                                |      |    | 25 | 20.13 | 14 | 34.13 | <=47 | Pass |
|                                                |      | 50 | 0  | 19.82 | 14 | 33.82 | <=47 | Pass |
|                                                | 3625 | 1  | 0  | 20.16 | 14 | 34.16 | <=47 | Pass |
|                                                |      |    | 25 | 20.23 | 14 | 34.23 | <=47 | Pass |
|                                                |      |    | 49 | 20.33 | 14 | 34.33 | <=47 | Pass |
|                                                |      | 25 | 0  | 19.17 | 14 | 33.17 | <=47 | Pass |
|                                                |      |    | 13 | 19.13 | 14 | 33.13 | <=47 | Pass |
|                                                |      |    | 25 | 19.22 | 14 | 33.22 | <=47 | Pass |
|                                                |      | 50 | 0  | 18.98 | 14 | 32.98 | <=47 | Pass |
|                                                | 3695 | 1  | 0  | 20.41 | 14 | 34.41 | <=47 | Pass |
|                                                |      |    | 25 | 20.73 | 14 | 34.73 | <=47 | Pass |
|                                                |      |    | 49 | 20.85 | 14 | 34.85 | <=47 | Pass |
|                                                |      | 25 | 0  | 19.51 | 14 | 33.51 | <=47 | Pass |
|                                                |      |    | 13 | 19.6  | 14 | 33.6  | <=47 | Pass |
|                                                |      |    | 25 | 19.84 | 14 | 33.84 | <=47 | Pass |
|                                                |      | 50 | 0  | 19.72 | 14 | 33.72 | <=47 | Pass |
| Note1: EIRP/10MHz=Conducted Power+Antenna Gain |      |    |    |       |    |       |      |      |

### 1.1.6 B48\_10MHz\_E.I.R.PSD

| Band: 48 / Bandwidth: 10MHz / NTNV |                 |               |        |                           |            |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------------|------------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm/MHz) | Gain (dBi) | E.I.R.PSD (dBm/MHz) |       | Verdict |
|                                    |                 | Size          | Offset |                           |            | Result              | Limit |         |
| QPSK                               | 3555            | 1             | 0      | 22.04                     | 14         | 36.04               | <=37  | Pass    |
|                                    |                 |               | 25     | 22.1                      | 14         | 36.1                | <=37  | Pass    |
|                                    |                 |               | 49     | 22.38                     | 14         | 36.38               | <=37  | Pass    |
|                                    |                 | 25            | 0      | 15.06                     | 14         | 29.06               | <=37  | Pass    |
|                                    |                 |               | 13     | 15.27                     | 14         | 29.27               | <=37  | Pass    |
|                                    |                 |               | 25     | 15.04                     | 14         | 29.04               | <=37  | Pass    |
|                                    |                 | 50            | 0      | 12.19                     | 14         | 26.19               | <=37  | Pass    |
|                                    | 3625            | 1             | 0      | 21.33                     | 14         | 35.33               | <=37  | Pass    |
|                                    |                 |               | 25     | 21.48                     | 14         | 35.48               | <=37  | Pass    |
|                                    |                 |               | 49     | 21.33                     | 14         | 35.33               | <=37  | Pass    |



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|       |      |    |    |       |    |       |      |      |
|-------|------|----|----|-------|----|-------|------|------|
|       |      | 25 | 0  | 14.59 | 14 | 28.59 | <=37 | Pass |
|       |      |    | 13 | 14.44 | 14 | 28.44 | <=37 | Pass |
|       |      |    | 25 | 14.6  | 14 | 28.6  | <=37 | Pass |
|       |      | 50 | 0  | 11.45 | 14 | 25.45 | <=37 | Pass |
|       | 3695 | 1  | 0  | 21.64 | 14 | 35.64 | <=37 | Pass |
|       |      |    | 25 | 21.24 | 14 | 35.24 | <=37 | Pass |
|       |      |    | 49 | 21.36 | 14 | 35.36 | <=37 | Pass |
|       |      | 25 | 0  | 14.77 | 14 | 28.77 | <=37 | Pass |
|       |      |    | 13 | 14.62 | 14 | 28.62 | <=37 | Pass |
|       |      |    | 25 | 15.37 | 14 | 29.37 | <=37 | Pass |
|       |      | 50 | 0  | 11.99 | 14 | 25.99 | <=37 | Pass |
| 16QAM | 3555 | 1  | 0  | 21.42 | 14 | 35.42 | <=37 | Pass |
|       |      |    | 25 | 20.58 | 14 | 34.58 | <=37 | Pass |
|       |      |    | 49 | 20.69 | 14 | 34.69 | <=37 | Pass |
|       |      | 25 | 0  | 14.35 | 14 | 28.35 | <=37 | Pass |
|       |      |    | 13 | 14.12 | 14 | 28.12 | <=37 | Pass |
|       |      |    | 25 | 14.36 | 14 | 28.36 | <=37 | Pass |
|       |      | 50 | 0  | 11.36 | 14 | 25.36 | <=37 | Pass |
|       | 3625 | 1  | 0  | 20.35 | 14 | 34.35 | <=37 | Pass |
|       |      |    | 25 | 20.05 | 14 | 34.05 | <=37 | Pass |
|       |      |    | 49 | 20.64 | 14 | 34.64 | <=37 | Pass |
|       |      | 25 | 0  | 13.3  | 14 | 27.3  | <=37 | Pass |
|       |      |    | 13 | 13.25 | 14 | 27.25 | <=37 | Pass |
|       |      |    | 25 | 13.36 | 14 | 27.36 | <=37 | Pass |
|       |      | 50 | 0  | 10.28 | 14 | 24.28 | <=37 | Pass |
|       | 3695 | 1  | 0  | 20.56 | 14 | 34.56 | <=37 | Pass |
|       |      |    | 25 | 20.59 | 14 | 34.59 | <=37 | Pass |
|       |      |    | 49 | 20.7  | 14 | 34.7  | <=37 | Pass |
|       |      | 25 | 0  | 13.79 | 14 | 27.79 | <=37 | Pass |
|       |      |    | 13 | 14.01 | 14 | 28.01 | <=37 | Pass |
|       |      |    | 25 | 14.11 | 14 | 28.11 | <=37 | Pass |
|       |      | 50 | 0  | 11.03 | 14 | 25.03 | <=37 | Pass |

Note1: E.I.R.PSD=Conducted Power+Antenna Gain

### 1.1.7 B48\_15MHz\_EIRP

| Band: 48 / Bandwidth: 15MHz / NTV |           |               |                 |      |            |         |
|-----------------------------------|-----------|---------------|-----------------|------|------------|---------|
| Modulation                        | Frequency | RB Allocation | Conducted Power | Gain | EIRP (dBm) | Verdict |



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|       | (MHz)  | Size | Offset | (dBm) | (dBi) | Result | Limit |      |
|-------|--------|------|--------|-------|-------|--------|-------|------|
| QPSK  | 3557.5 | 1    | 0      | 22.18 | 14    | 36.18  | /     | Pass |
|       |        |      | 38     | 22.3  | 14    | 36.3   | /     | Pass |
|       |        |      | 74     | 22.27 | 14    | 36.27  | /     | Pass |
|       |        | 36   | 0      | 21.28 | 14    | 35.28  | /     | Pass |
|       |        |      | 18     | 21.39 | 14    | 35.39  | /     | Pass |
|       |        |      | 39     | 21.43 | 14    | 35.43  | /     | Pass |
|       |        | 75   | 0      | 21.38 | 14    | 35.38  | /     | Pass |
|       | 3625   | 1    | 0      | 22.23 | 14    | 36.23  | /     | Pass |
|       |        |      | 38     | 22.23 | 14    | 36.23  | /     | Pass |
|       |        |      | 74     | 22.22 | 14    | 36.22  | /     | Pass |
|       |        | 36   | 0      | 21.22 | 14    | 35.22  | /     | Pass |
|       |        |      | 18     | 21.17 | 14    | 35.17  | /     | Pass |
|       |        |      | 39     | 21.3  | 14    | 35.3   | /     | Pass |
|       |        | 75   | 0      | 21.17 | 14    | 35.17  | /     | Pass |
|       | 3692.5 | 1    | 0      | 22.55 | 14    | 36.55  | /     | Pass |
|       |        |      | 38     | 22.62 | 14    | 36.62  | /     | Pass |
|       |        |      | 74     | 22.64 | 14    | 36.64  | /     | Pass |
|       |        | 36   | 0      | 21.53 | 14    | 35.53  | /     | Pass |
|       |        |      | 18     | 21.59 | 14    | 35.59  | /     | Pass |
|       |        |      | 39     | 21.72 | 14    | 35.72  | /     | Pass |
|       |        | 75   | 0      | 21.63 | 14    | 35.63  | /     | Pass |
| 16QAM | 3557.5 | 1    | 0      | 21.23 | 14    | 35.23  | /     | Pass |
|       |        |      | 38     | 21.4  | 14    | 35.4   | /     | Pass |
|       |        |      | 74     | 21.25 | 14    | 35.25  | /     | Pass |
|       |        | 36   | 0      | 20.29 | 14    | 34.29  | /     | Pass |
|       |        |      | 18     | 20.38 | 14    | 34.38  | /     | Pass |
|       |        |      | 39     | 20.38 | 14    | 34.38  | /     | Pass |
|       |        | 75   | 0      | 20.37 | 14    | 34.37  | /     | Pass |
|       | 3625   | 1    | 0      | 21.31 | 14    | 35.31  | /     | Pass |
|       |        |      | 38     | 21.26 | 14    | 35.26  | /     | Pass |
|       |        |      | 74     | 21.37 | 14    | 35.37  | /     | Pass |
|       |        | 36   | 0      | 20.17 | 14    | 34.17  | /     | Pass |
|       |        |      | 18     | 20.17 | 14    | 34.17  | /     | Pass |
|       |        |      | 39     | 20.3  | 14    | 34.3   | /     | Pass |
|       |        | 75   | 0      | 20.22 | 14    | 34.22  | /     | Pass |
|       | 3692.5 | 1    | 0      | 21.46 | 14    | 35.46  | /     | Pass |



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|  |  |    |    |       |    |       |   |      |
|--|--|----|----|-------|----|-------|---|------|
|  |  | 36 | 38 | 21.73 | 14 | 35.73 | / | Pass |
|  |  |    | 74 | 21.61 | 14 | 35.61 | / | Pass |
|  |  |    | 0  | 20.52 | 14 | 34.52 | / | Pass |
|  |  | 36 | 18 | 20.61 | 14 | 34.61 | / | Pass |
|  |  |    | 39 | 20.71 | 14 | 34.71 | / | Pass |
|  |  | 75 | 0  | 20.58 | 14 | 34.58 | / | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.8 B48\_15MHz\_EIRP/10MHz

| Band: 48 / Bandwidth: 15MHz / NTN |                 |               |        |                             |            |                        |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------------|------------|------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) |       | Verdict |
|                                   |                 | Size          | Offset |                             |            | Result                 | Limit |         |
| QPSK                              | 3557.5          | 1             | 0      | 22.19                       | 14         | 36.19                  | <=47  | Pass    |
|                                   |                 |               | 38     | 20.45                       | 14         | 34.45                  | <=47  | Pass    |
|                                   |                 |               | 74     | 20.07                       | 14         | 34.07                  | <=47  | Pass    |
|                                   |                 | 36            | 0      | 19.47                       | 14         | 33.47                  | <=47  | Pass    |
|                                   |                 |               | 18     | 19.4                        | 14         | 33.4                   | <=47  | Pass    |
|                                   |                 |               | 39     | 19.27                       | 14         | 33.27                  | <=47  | Pass    |
|                                   |                 | 75            | 0      | 18.12                       | 14         | 32.12                  | <=47  | Pass    |
|                                   | 3625            | 1             | 0      | 19.46                       | 14         | 33.46                  | <=47  | Pass    |
|                                   |                 |               | 38     | 19.1                        | 14         | 33.1                   | <=47  | Pass    |
|                                   |                 |               | 74     | 19.31                       | 14         | 33.31                  | <=47  | Pass    |
|                                   |                 | 36            | 0      | 18.19                       | 14         | 32.19                  | <=47  | Pass    |
|                                   |                 |               | 18     | 18.31                       | 14         | 32.31                  | <=47  | Pass    |
|                                   |                 |               | 39     | 18.31                       | 14         | 32.31                  | <=47  | Pass    |
|                                   |                 | 75            | 0      | 16.99                       | 14         | 30.99                  | <=47  | Pass    |
|                                   | 3692.5          | 1             | 0      | 19.46                       | 14         | 33.46                  | <=47  | Pass    |
|                                   |                 |               | 38     | 19.94                       | 14         | 33.94                  | <=47  | Pass    |
|                                   |                 |               | 74     | 19.96                       | 14         | 33.96                  | <=47  | Pass    |
|                                   |                 | 36            | 0      | 18.6                        | 14         | 32.6                   | <=47  | Pass    |
|                                   |                 |               | 18     | 18.61                       | 14         | 32.61                  | <=47  | Pass    |
|                                   |                 |               | 39     | 18.78                       | 14         | 32.78                  | <=47  | Pass    |
|                                   |                 | 75            | 0      | 17.31                       | 14         | 31.31                  | <=47  | Pass    |
| 16QAM                             | 3557.5          | 1             | 0      | 19.64                       | 14         | 33.64                  | <=47  | Pass    |
|                                   |                 |               | 38     | 19.73                       | 14         | 33.73                  | <=47  | Pass    |
|                                   |                 |               | 74     | 19.04                       | 14         | 33.04                  | <=47  | Pass    |
|                                   |                 | 36            | 0      | 18.66                       | 14         | 32.66                  | <=47  | Pass    |



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|  |        |    |    |       |    |       |      |      |
|--|--------|----|----|-------|----|-------|------|------|
|  |        | 75 | 18 | 18.53 | 14 | 32.53 | <=47 | Pass |
|  |        |    | 39 | 18.53 | 14 | 32.53 | <=47 | Pass |
|  |        |    | 0  | 17.35 | 14 | 31.35 | <=47 | Pass |
|  | 3625   | 1  | 0  | 18.32 | 14 | 32.32 | <=47 | Pass |
|  |        |    | 38 | 18.24 | 14 | 32.24 | <=47 | Pass |
|  |        |    | 74 | 18.33 | 14 | 32.33 | <=47 | Pass |
|  |        | 36 | 0  | 17.29 | 14 | 31.29 | <=47 | Pass |
|  |        |    | 18 | 17.3  | 14 | 31.3  | <=47 | Pass |
|  |        |    | 39 | 17.36 | 14 | 31.36 | <=47 | Pass |
|  |        | 75 | 0  | 15.95 | 14 | 29.95 | <=47 | Pass |
|  |        |    |    |       |    |       |      |      |
|  |        |    |    |       |    |       |      |      |
|  | 3692.5 | 1  | 0  | 18.58 | 14 | 32.58 | <=47 | Pass |
|  |        |    | 38 | 18.67 | 14 | 32.67 | <=47 | Pass |
|  |        |    | 74 | 18.82 | 14 | 32.82 | <=47 | Pass |
|  |        | 36 | 0  | 17.65 | 14 | 31.65 | <=47 | Pass |
|  |        |    | 18 | 17.74 | 14 | 31.74 | <=47 | Pass |
|  |        |    | 39 | 17.71 | 14 | 31.71 | <=47 | Pass |
|  |        | 75 | 0  | 16.21 | 14 | 30.21 | <=47 | Pass |
|  |        |    |    |       |    |       |      |      |
|  |        |    |    |       |    |       |      |      |

Note1: EIRP/10MHz=Conducted Power+Antenna Gain

### 1.1.9 B48\_15MHz\_E.I.R.PSD

| Band: 48 / Bandwidth: 15MHz / NTV |                 |               |        |                           |            |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------------|------------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm/MHz) | Gain (dBi) | E.I.R.PSD (dBm/MHz) |       | Verdict |
|                                   |                 | Size          | Offset |                           |            | Result              | Limit |         |
| QPSK                              | 3557.5          | 1             | 0      | 22.37                     | 14         | 36.37               | <=37  | Pass    |
|                                   |                 |               | 38     | 20.62                     | 14         | 34.62               | <=37  | Pass    |
|                                   |                 |               | 74     | 20.31                     | 14         | 34.31               | <=37  | Pass    |
|                                   |                 | 36            | 0      | 12.36                     | 14         | 26.36               | <=37  | Pass    |
|                                   |                 |               | 18     | 12.1                      | 14         | 26.1                | <=37  | Pass    |
|                                   |                 |               | 39     | 12.05                     | 14         | 26.05               | <=37  | Pass    |
|                                   |                 | 75            | 0      | 9.21                      | 14         | 23.21               | <=37  | Pass    |
|                                   | 3625            | 1             | 0      | 19.25                     | 14         | 33.25               | <=37  | Pass    |
|                                   |                 |               | 38     | 19.48                     | 14         | 33.48               | <=37  | Pass    |
|                                   |                 |               | 74     | 19.46                     | 14         | 33.46               | <=37  | Pass    |
|                                   |                 | 36            | 0      | 10.93                     | 14         | 24.93               | <=37  | Pass    |
|                                   |                 |               | 18     | 11.08                     | 14         | 25.08               | <=37  | Pass    |
|                                   |                 |               | 39     | 10.95                     | 14         | 24.95               | <=37  | Pass    |
|                                   |                 | 75            | 0      | 7.91                      | 14         | 21.91               | <=37  | Pass    |
|                                   |                 |               |        |                           |            |                     |       |         |



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|       |        |    |    |       |    |       |      |      |
|-------|--------|----|----|-------|----|-------|------|------|
|       | 3692.5 | 1  | 0  | 19.62 | 14 | 33.62 | <=37 | Pass |
|       |        |    | 38 | 19.81 | 14 | 33.81 | <=37 | Pass |
|       |        |    | 74 | 20.22 | 14 | 34.22 | <=37 | Pass |
|       |        | 36 | 0  | 11.2  | 14 | 25.2  | <=37 | Pass |
|       |        |    | 18 | 11.18 | 14 | 25.18 | <=37 | Pass |
|       |        |    | 39 | 11.5  | 14 | 25.5  | <=37 | Pass |
|       |        | 75 | 0  | 8.21  | 14 | 22.21 | <=37 | Pass |
|       |        | 1  | 0  | 19.35 | 14 | 33.35 | <=37 | Pass |
|       |        |    | 38 | 19.52 | 14 | 33.52 | <=37 | Pass |
|       |        |    | 74 | 19.52 | 14 | 33.52 | <=37 | Pass |
| 16QAM | 3557.5 | 36 | 0  | 11.15 | 14 | 25.15 | <=37 | Pass |
|       |        |    | 18 | 11.32 | 14 | 25.32 | <=37 | Pass |
|       |        |    | 39 | 11.17 | 14 | 25.17 | <=37 | Pass |
|       |        | 75 | 0  | 8.21  | 14 | 22.21 | <=37 | Pass |
|       | 3625   | 1  | 0  | 18.49 | 14 | 32.49 | <=37 | Pass |
|       |        |    | 38 | 18.77 | 14 | 32.77 | <=37 | Pass |
|       |        |    | 74 | 18.77 | 14 | 32.77 | <=37 | Pass |
|       |        | 36 | 0  | 9.93  | 14 | 23.93 | <=37 | Pass |
|       |        |    | 18 | 10.04 | 14 | 24.04 | <=37 | Pass |
|       |        |    | 39 | 10.1  | 14 | 24.1  | <=37 | Pass |
|       |        | 75 | 0  | 6.89  | 14 | 20.89 | <=37 | Pass |
|       | 3692.5 | 1  | 0  | 18.8  | 14 | 32.8  | <=37 | Pass |
|       |        |    | 38 | 19.07 | 14 | 33.07 | <=37 | Pass |
|       |        |    | 74 | 19.2  | 14 | 33.2  | <=37 | Pass |
|       |        | 36 | 0  | 10.41 | 14 | 24.41 | <=37 | Pass |
|       |        |    | 18 | 10.23 | 14 | 24.23 | <=37 | Pass |
|       |        |    | 39 | 10.45 | 14 | 24.45 | <=37 | Pass |
|       |        | 75 | 0  | 7.21  | 14 | 21.21 | <=37 | Pass |

Note1: E.I.R.PSD=Conducted Power+Antenna Gain

### 1.1.10 B48\_20MHz\_EIRP

| Band: 48 / Bandwidth: 20MHz / NTN |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 3560            | 1             | 0      | 22.3                  | 14         | 36.3       | /     | Pass    |
|                                   |                 |               | 50     | 22.36                 | 14         | 36.36      | /     | Pass    |
|                                   |                 |               | 99     | 22.21                 | 14         | 36.21      | /     | Pass    |



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|       |      |     |    |       |    |       |   |      |
|-------|------|-----|----|-------|----|-------|---|------|
|       |      | 50  | 0  | 21.33 | 14 | 35.33 | / | Pass |
|       |      |     | 25 | 21.43 | 14 | 35.43 | / | Pass |
|       |      |     | 50 | 21.4  | 14 | 35.4  | / | Pass |
|       |      | 100 | 0  | 21.41 | 14 | 35.41 | / | Pass |
|       | 3625 | 1   | 0  | 22.3  | 14 | 36.3  | / | Pass |
|       |      |     | 50 | 22.22 | 14 | 36.22 | / | Pass |
|       |      |     | 99 | 22.24 | 14 | 36.24 | / | Pass |
|       |      | 50  | 0  | 21.18 | 14 | 35.18 | / | Pass |
|       |      |     | 25 | 21.25 | 14 | 35.25 | / | Pass |
|       |      |     | 50 | 21.33 | 14 | 35.33 | / | Pass |
|       |      | 100 | 0  | 21.25 | 14 | 35.25 | / | Pass |
|       | 3690 | 1   | 0  | 22.47 | 14 | 36.47 | / | Pass |
|       |      |     | 50 | 22.63 | 14 | 36.63 | / | Pass |
|       |      |     | 99 | 22.62 | 14 | 36.62 | / | Pass |
|       |      | 50  | 0  | 21.55 | 14 | 35.55 | / | Pass |
|       |      |     | 25 | 21.7  | 14 | 35.7  | / | Pass |
|       |      |     | 50 | 21.7  | 14 | 35.7  | / | Pass |
|       |      | 100 | 0  | 21.67 | 14 | 35.67 | / | Pass |
| 16QAM | 3560 | 1   | 0  | 21.28 | 14 | 35.28 | / | Pass |
|       |      |     | 50 | 21.34 | 14 | 35.34 | / | Pass |
|       |      |     | 99 | 21.22 | 14 | 35.22 | / | Pass |
|       |      | 50  | 0  | 20.31 | 14 | 34.31 | / | Pass |
|       |      |     | 25 | 20.42 | 14 | 34.42 | / | Pass |
|       |      |     | 50 | 20.38 | 14 | 34.38 | / | Pass |
|       |      | 100 | 0  | 20.38 | 14 | 34.38 | / | Pass |
|       | 3625 | 1   | 0  | 21.41 | 14 | 35.41 | / | Pass |
|       |      |     | 50 | 21.28 | 14 | 35.28 | / | Pass |
|       |      |     | 99 | 21.33 | 14 | 35.33 | / | Pass |
|       |      | 50  | 0  | 20.21 | 14 | 34.21 | / | Pass |
|       |      |     | 25 | 20.24 | 14 | 34.24 | / | Pass |
|       |      |     | 50 | 20.31 | 14 | 34.31 | / | Pass |
|       |      | 100 | 0  | 20.23 | 14 | 34.23 | / | Pass |
|       | 3690 | 1   | 0  | 21.5  | 14 | 35.5  | / | Pass |
|       |      |     | 50 | 21.7  | 14 | 35.7  | / | Pass |
|       |      |     | 99 | 21.57 | 14 | 35.57 | / | Pass |
|       |      | 50  | 0  | 20.5  | 14 | 34.5  | / | Pass |
|       |      |     | 25 | 20.61 | 14 | 34.61 | / | Pass |



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|  |     |    |       |    |       |   |      |
|--|-----|----|-------|----|-------|---|------|
|  |     | 50 | 20.72 | 14 | 34.72 | / | Pass |
|  | 100 | 0  | 20.61 | 14 | 34.61 | / | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.11 B48\_20MHz\_EIRP/10MHz

| Band: 48 / Bandwidth: 20MHz / NTNV |                 |               |        |                             |            |                        |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------------|------------|------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) |       | Verdict |
|                                    |                 | Size          | Offset |                             |            | Result                 | Limit |         |
| QPSK                               | 3560            | 1             | 0      | 20.83                       | 14         | 34.83                  | <=47  | Pass    |
|                                    |                 |               | 50     | 20.62                       | 14         | 34.62                  | <=47  | Pass    |
|                                    |                 |               | 99     | 20.07                       | 14         | 34.07                  | <=47  | Pass    |
|                                    |                 | 50            | 0      | 19.57                       | 14         | 33.57                  | <=47  | Pass    |
|                                    |                 |               | 25     | 19.78                       | 14         | 33.78                  | <=47  | Pass    |
|                                    |                 |               | 50     | 19.38                       | 14         | 33.38                  | <=47  | Pass    |
|                                    |                 | 100           | 0      | 17.13                       | 14         | 31.13                  | <=47  | Pass    |
|                                    | 3625            | 1             | 0      | 18.46                       | 14         | 32.46                  | <=47  | Pass    |
|                                    |                 |               | 50     | 18.65                       | 14         | 32.65                  | <=47  | Pass    |
|                                    |                 |               | 99     | 18.37                       | 14         | 32.37                  | <=47  | Pass    |
|                                    |                 | 50            | 0      | 17.72                       | 14         | 31.72                  | <=47  | Pass    |
|                                    |                 |               | 25     | 17.57                       | 14         | 31.57                  | <=47  | Pass    |
|                                    |                 |               | 50     | 17.75                       | 14         | 31.75                  | <=47  | Pass    |
|                                    |                 | 100           | 0      | 17.76                       | 14         | 31.76                  | <=47  | Pass    |
|                                    | 3690            | 1             | 0      | 18.41                       | 14         | 32.41                  | <=47  | Pass    |
|                                    |                 |               | 50     | 18.72                       | 14         | 32.72                  | <=47  | Pass    |
|                                    |                 |               | 99     | 18.84                       | 14         | 32.84                  | <=47  | Pass    |
|                                    |                 | 50            | 0      | 17.49                       | 14         | 31.49                  | <=47  | Pass    |
|                                    |                 |               | 25     | 17.74                       | 14         | 31.74                  | <=47  | Pass    |
|                                    |                 |               | 50     | 17.79                       | 14         | 31.79                  | <=47  | Pass    |
|                                    |                 | 100           | 0      | 15.16                       | 14         | 29.16                  | <=47  | Pass    |
| 16QAM                              | 3560            | 1             | 0      | 19.92                       | 14         | 33.92                  | <=47  | Pass    |
|                                    |                 |               | 50     | 19.87                       | 14         | 33.87                  | <=47  | Pass    |
|                                    |                 |               | 99     | 19.22                       | 14         | 33.22                  | <=47  | Pass    |
|                                    |                 | 50            | 0      | 18.61                       | 14         | 32.61                  | <=47  | Pass    |
|                                    |                 |               | 25     | 18.58                       | 14         | 32.58                  | <=47  | Pass    |
|                                    |                 |               | 50     | 18.5                        | 14         | 32.5                   | <=47  | Pass    |
|                                    |                 | 100           | 0      | 15.99                       | 14         | 29.99                  | <=47  | Pass    |
|                                    | 3625            | 1             | 0      | 17.86                       | 14         | 31.86                  | <=47  | Pass    |



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|  |      |     |    |       |    |       |      |      |
|--|------|-----|----|-------|----|-------|------|------|
|  |      |     | 50 | 17.84 | 14 | 31.84 | <=47 | Pass |
|  |      |     | 99 | 17.87 | 14 | 31.87 | <=47 | Pass |
|  |      | 50  | 0  | 16.57 | 14 | 30.57 | <=47 | Pass |
|  |      |     | 25 | 16.69 | 14 | 30.69 | <=47 | Pass |
|  |      |     | 50 | 16.46 | 14 | 30.46 | <=47 | Pass |
|  |      | 100 | 0  | 13.95 | 14 | 27.95 | <=47 | Pass |
|  |      |     |    |       |    |       |      |      |
|  | 3690 | 1   | 0  | 17.84 | 14 | 31.84 | <=47 | Pass |
|  |      |     | 50 | 17.9  | 14 | 31.9  | <=47 | Pass |
|  |      |     | 99 | 17.95 | 14 | 31.95 | <=47 | Pass |
|  |      | 50  | 0  | 16.52 | 14 | 30.52 | <=47 | Pass |
|  |      |     | 25 | 16.64 | 14 | 30.64 | <=47 | Pass |
|  |      |     | 50 | 16.71 | 14 | 30.71 | <=47 | Pass |
|  |      | 100 | 0  | 14.13 | 14 | 28.13 | <=47 | Pass |

Note1: EIRP/10MHz=Conducted Power+Antenna Gain

### 1.1.12 B48\_20MHz\_E.I.R.PSD

| Band: 48 / Bandwidth: 20MHz / NTNV |                 |               |        |                           |            |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------------|------------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm/MHz) | Gain (dBi) | E.I.R.PSD (dBm/MHz) |       | Verdict |
|                                    |                 | Size          | Offset |                           |            | Result              | Limit |         |
| QPSK                               | 3560            | 1             | 0      | 20.37                     | 14         | 34.37               | <=37  | Pass    |
|                                    |                 |               | 50     | 20.72                     | 14         | 34.72               | <=37  | Pass    |
|                                    |                 |               | 99     | 20.13                     | 14         | 34.13               | <=37  | Pass    |
|                                    |                 | 50            | 0      | 10.75                     | 14         | 24.75               | <=37  | Pass    |
|                                    |                 |               | 25     | 10.72                     | 14         | 24.72               | <=37  | Pass    |
|                                    |                 |               | 50     | 10.8                      | 14         | 24.8                | <=37  | Pass    |
|                                    |                 | 100           | 0      | 8.11                      | 14         | 22.11               | <=37  | Pass    |
|                                    | 3625            | 1             | 0      | 18.89                     | 14         | 32.89               | <=37  | Pass    |
|                                    |                 |               | 50     | 18.4                      | 14         | 32.4                | <=37  | Pass    |
|                                    |                 |               | 99     | 18.86                     | 14         | 32.86               | <=37  | Pass    |
|                                    |                 | 50            | 0      | 8.68                      | 14         | 22.68               | <=37  | Pass    |
|                                    |                 |               | 25     | 8.77                      | 14         | 22.77               | <=37  | Pass    |
|                                    |                 |               | 50     | 8.68                      | 14         | 22.68               | <=37  | Pass    |
|                                    |                 | 100           | 0      | 9.6                       | 14         | 23.6                | <=37  | Pass    |
|                                    | 3690            | 1             | 0      | 18.83                     | 14         | 32.83               | <=37  | Pass    |
|                                    |                 |               | 50     | 18.7                      | 14         | 32.7                | <=37  | Pass    |
|                                    |                 |               | 99     | 19.16                     | 14         | 33.16               | <=37  | Pass    |
|                                    |                 | 50            | 0      | 8.72                      | 14         | 22.72               | <=37  | Pass    |



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|       |      |     |    |       |    |       |      |      |
|-------|------|-----|----|-------|----|-------|------|------|
| 16QAM |      | 100 | 25 | 8.88  | 14 | 22.88 | <=37 | Pass |
|       |      |     | 50 | 9.14  | 14 | 23.14 | <=37 | Pass |
|       |      |     | 0  | 6.12  | 14 | 20.12 | <=37 | Pass |
|       | 3560 | 1   | 0  | 19.77 | 14 | 33.77 | <=37 | Pass |
|       |      |     | 50 | 19.47 | 14 | 33.47 | <=37 | Pass |
|       |      |     | 99 | 19.86 | 14 | 33.86 | <=37 | Pass |
|       |      | 50  | 0  | 9.92  | 14 | 23.92 | <=37 | Pass |
|       |      |     | 25 | 9.71  | 14 | 23.71 | <=37 | Pass |
|       |      |     | 50 | 9.72  | 14 | 23.72 | <=37 | Pass |
|       |      | 100 | 0  | 7.13  | 14 | 21.13 | <=37 | Pass |
|       | 3625 | 1   | 0  | 17.62 | 14 | 31.62 | <=37 | Pass |
|       |      |     | 50 | 17.69 | 14 | 31.69 | <=37 | Pass |
|       |      |     | 99 | 17.93 | 14 | 31.93 | <=37 | Pass |
|       |      | 50  | 0  | 7.69  | 14 | 21.69 | <=37 | Pass |
|       |      |     | 25 | 7.82  | 14 | 21.82 | <=37 | Pass |
|       |      |     | 50 | 8.18  | 14 | 22.18 | <=37 | Pass |
|       |      | 100 | 0  | 4.83  | 14 | 18.83 | <=37 | Pass |
|       | 3690 | 1   | 0  | 17.93 | 14 | 31.93 | <=37 | Pass |
|       |      |     | 50 | 17.84 | 14 | 31.84 | <=37 | Pass |
|       |      |     | 99 | 17.58 | 14 | 31.58 | <=37 | Pass |
|       |      | 50  | 0  | 7.66  | 14 | 21.66 | <=37 | Pass |
|       |      |     | 25 | 7.74  | 14 | 21.74 | <=37 | Pass |
|       |      |     | 50 | 8.05  | 14 | 22.05 | <=37 | Pass |
|       |      | 100 | 0  | 4.73  | 14 | 18.73 | <=37 | Pass |

Note1: E.I.R.PSD=Conducted Power+Antenna Gain



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### 2. Frequency Stability

#### 2.1 Test Result

##### 2.1.1 B48\_20MHz

| Band: 48 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 3560            | 100           | 0      | 20         | 20.4          | -3.276           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 24            | -4.148           | -0.0012               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 27.6          | -1.788           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 24            | 1.016            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 24            | -4.849           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 24            | -0.558           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 24            | -3.648           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 24            | -0.687           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 24            | -5.207           | -0.0015               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 24            | 0.730            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 24            | -0.501           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             | 3625            | 100           | 0      | 20         | 20.4          | -4.263           | -0.0012               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 24            | -4.935           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 27.6          | 0.272            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 24            | -4.649           | -0.0013               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 24            | -1.159           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 24            | -5.593           | -0.0015               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 24            | -1.373           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 24            | -1.144           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 24            | 0.157            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 24            | 0.043            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 24            | -0.672           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             | 3690            | 100           | 0      | 20         | 20.4          | -2.332           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 24            | 1.588            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 27.6          | 1.974            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 24            | -2.260           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 24            | -2.346           | -0.0006               | -2.5 to 2.5 | Pass    |



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|       |      |     |   |     |      |        |         |             |      |
|-------|------|-----|---|-----|------|--------|---------|-------------|------|
|       |      |     |   | -10 | 24   | 1.373  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 24   | 0.830  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 24   | -0.186 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 24   | -2.260 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 24   | -1.588 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 24   | 1.259  | 0.0003  | -2.5 to 2.5 | Pass |
| 16QAM | 3560 | 100 | 0 | 20  | 20.4 | -4.663 | -0.0013 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 24   | 0.744  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 27.6 | -5.035 | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 24   | -5.136 | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 24   | 0.386  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 24   | 0.415  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 24   | -5.493 | -0.0015 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 24   | -4.563 | -0.0013 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 24   | -3.633 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 24   | -0.701 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 24   | -4.864 | -0.0014 | -2.5 to 2.5 | Pass |
|       | 3625 | 100 | 0 | 20  | 20.4 | -5.965 | -0.0016 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 24   | -3.147 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 27.6 | -4.520 | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 24   | 0.014  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 24   | -4.921 | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 24   | 0.486  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 24   | 0.615  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 24   | -0.515 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 24   | -4.606 | -0.0013 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 24   | 0.172  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 24   | -2.418 | -0.0007 | -2.5 to 2.5 | Pass |
|       | 3690 | 100 | 0 | 20  | 20.4 | -2.117 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 24   | 2.804  | 0.0008  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 27.6 | -1.574 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 24   | -0.901 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 24   | -2.031 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 24   | 2.203  | 0.0006  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 24   | 0.758  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 24   | 0.672  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 24   | -3.018 | -0.0008 | -2.5 to 2.5 | Pass |



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|  |  |  |  |    |    |       |        |             |      |
|--|--|--|--|----|----|-------|--------|-------------|------|
|  |  |  |  | 40 | 24 | 1.187 | 0.0003 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50 | 24 | 0.429 | 0.0001 | -2.5 to 2.5 | Pass |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band48\_OBW

| Band: 48 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 3552.5          | 25            | 0      | 4.566                        | /     | Pass    |
|                 |            | 3625            | 25            | 0      | 4.552                        | /     | Pass    |
|                 |            | 3697.5          | 25            | 0      | 4.554                        | /     | Pass    |
|                 | 16QAM      | 3552.5          | 25            | 0      | 4.557                        | /     | Pass    |
|                 |            | 3625            | 25            | 0      | 4.521                        | /     | Pass    |
|                 |            | 3697.5          | 25            | 0      | 4.555                        | /     | Pass    |
| 10              | QPSK       | 3555            | 50            | 0      | 9.080                        | /     | Pass    |
|                 |            | 3625            | 50            | 0      | 9.064                        | /     | Pass    |
|                 |            | 3695            | 50            | 0      | 9.046                        | /     | Pass    |
|                 | 16QAM      | 3555            | 50            | 0      | 9.101                        | /     | Pass    |
|                 |            | 3625            | 50            | 0      | 9.064                        | /     | Pass    |
|                 |            | 3695            | 50            | 0      | 9.052                        | /     | Pass    |
| 15              | QPSK       | 3557.5          | 75            | 0      | 13.585                       | /     | Pass    |
|                 |            | 3625            | 75            | 0      | 13.591                       | /     | Pass    |
|                 |            | 3692.5          | 75            | 0      | 13.477                       | /     | Pass    |
|                 | 16QAM      | 3557.5          | 75            | 0      | 13.654                       | /     | Pass    |
|                 |            | 3625            | 75            | 0      | 13.564                       | /     | Pass    |
|                 |            | 3692.5          | 75            | 0      | 13.539                       | /     | Pass    |
| 20              | QPSK       | 3560            | 100           | 0      | 18.154                       | /     | Pass    |
|                 |            | 3625            | 100           | 0      | 18.118                       | /     | Pass    |
|                 |            | 3690            | 100           | 0      | 17.999                       | /     | Pass    |
|                 | 16QAM      | 3560            | 100           | 0      | 18.085                       | /     | Pass    |
|                 |            | 3625            | 100           | 0      | 18.003                       | /     | Pass    |
|                 |            | 3690            | 100           | 0      | 18.099                       | /     | Pass    |



### 3.1.2 Band48\_XDB

| Band: 48 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 3552.5          | 25            | 0      | 5.514                | /     | Pass    |
|                 |            | 3625            | 25            | 0      | 4.993                | /     | Pass    |
|                 |            | 3697.5          | 25            | 0      | 5.082                | /     | Pass    |
|                 | 16QAM      | 3552.5          | 25            | 0      | 5.343                | /     | Pass    |
|                 |            | 3625            | 25            | 0      | 4.962                | /     | Pass    |
|                 |            | 3697.5          | 25            | 0      | 4.953                | /     | Pass    |
| 10              | QPSK       | 3555            | 50            | 0      | 10.956               | /     | Pass    |
|                 |            | 3625            | 50            | 0      | 9.845                | /     | Pass    |
|                 |            | 3695            | 50            | 0      | 10.153               | /     | Pass    |
|                 | 16QAM      | 3555            | 50            | 0      | 10.644               | /     | Pass    |
|                 |            | 3625            | 50            | 0      | 9.683                | /     | Pass    |
|                 |            | 3695            | 50            | 0      | 9.667                | /     | Pass    |
| 15              | QPSK       | 3557.5          | 75            | 0      | 15.991               | /     | Pass    |
|                 |            | 3625            | 75            | 0      | 14.738               | /     | Pass    |
|                 |            | 3692.5          | 75            | 0      | 15.083               | /     | Pass    |
|                 | 16QAM      | 3557.5          | 75            | 0      | 16.862               | /     | Pass    |
|                 |            | 3625            | 75            | 0      | 14.524               | /     | Pass    |
|                 |            | 3692.5          | 75            | 0      | 14.532               | /     | Pass    |
| 20              | QPSK       | 3560            | 100           | 0      | 20.507               | /     | Pass    |
|                 |            | 3625            | 100           | 0      | 20.202               | /     | Pass    |
|                 |            | 3690            | 100           | 0      | 19.703               | /     | Pass    |
|                 | 16QAM      | 3560            | 100           | 0      | 20.067               | /     | Pass    |
|                 |            | 3625            | 100           | 0      | 19.667               | /     | Pass    |
|                 |            | 3690            | 100           | 0      | 19.762               | /     | Pass    |



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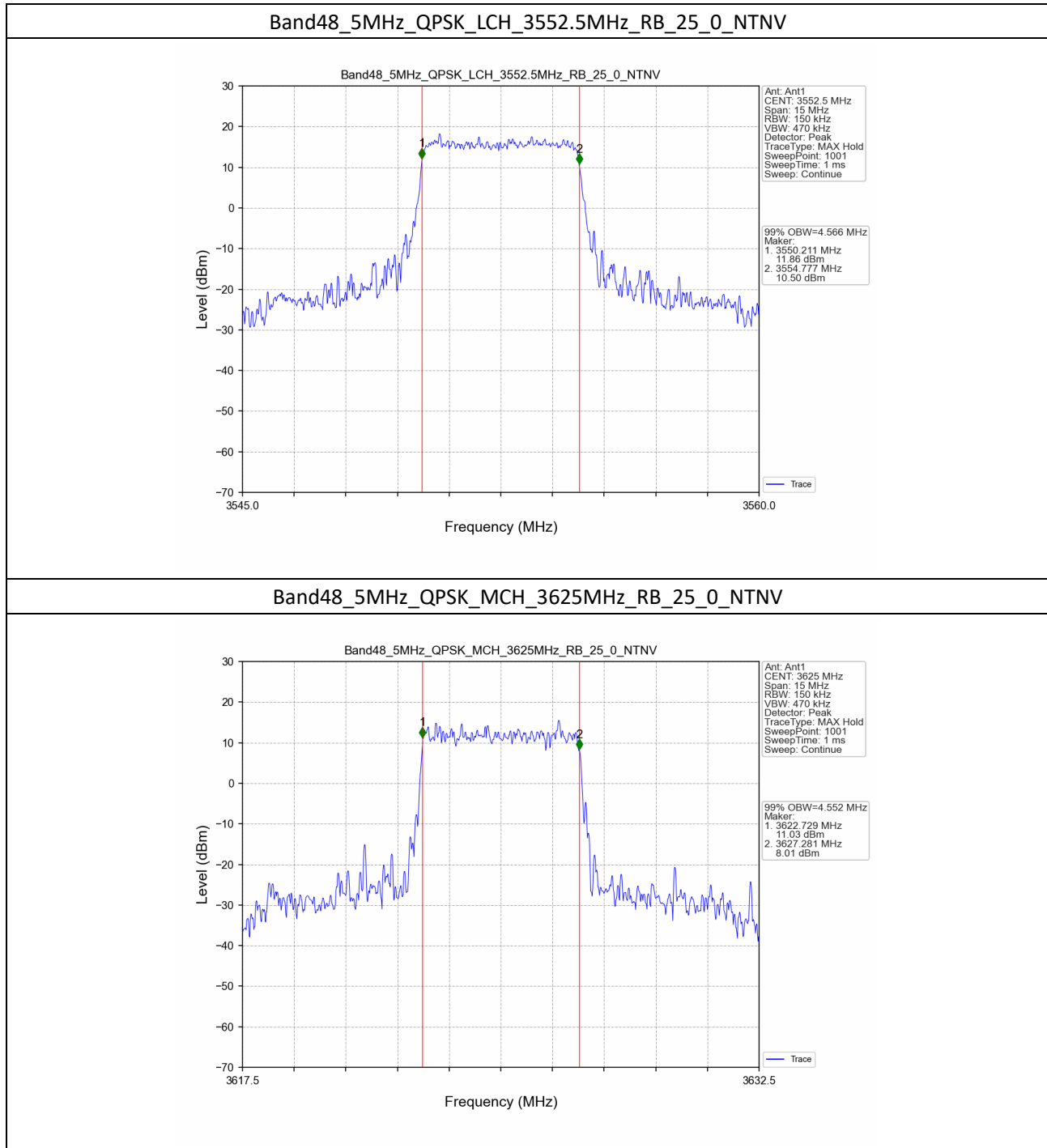
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### 3.2 Test Graph

#### 3.2.1 Band48\_OBW



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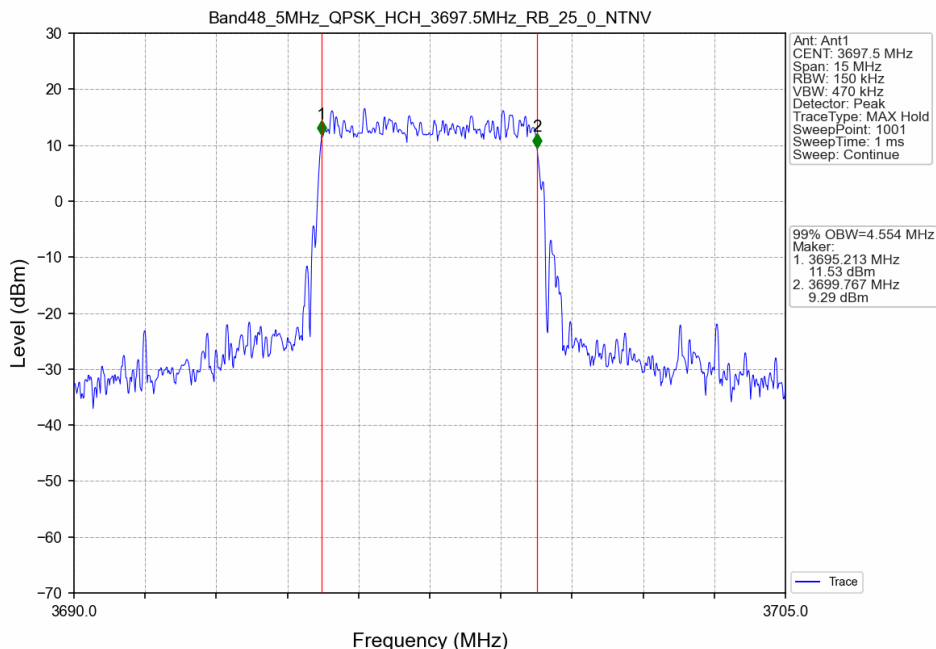
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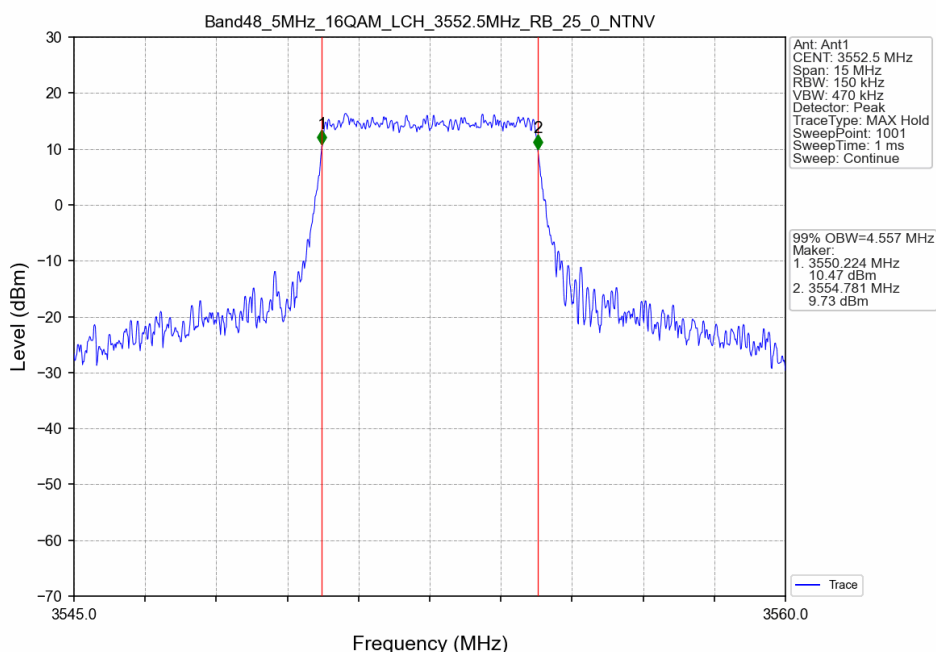
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Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV



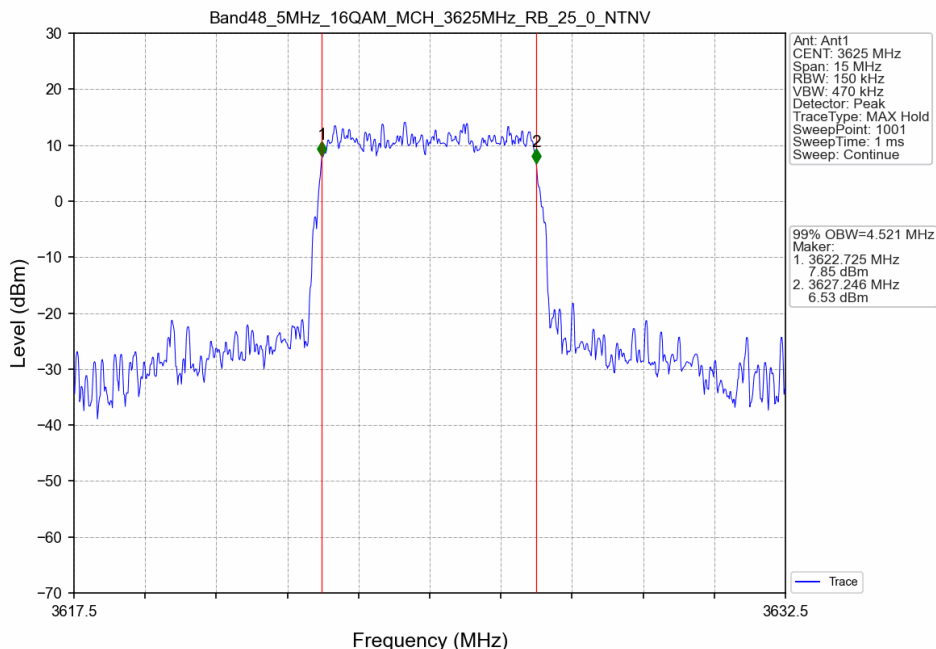
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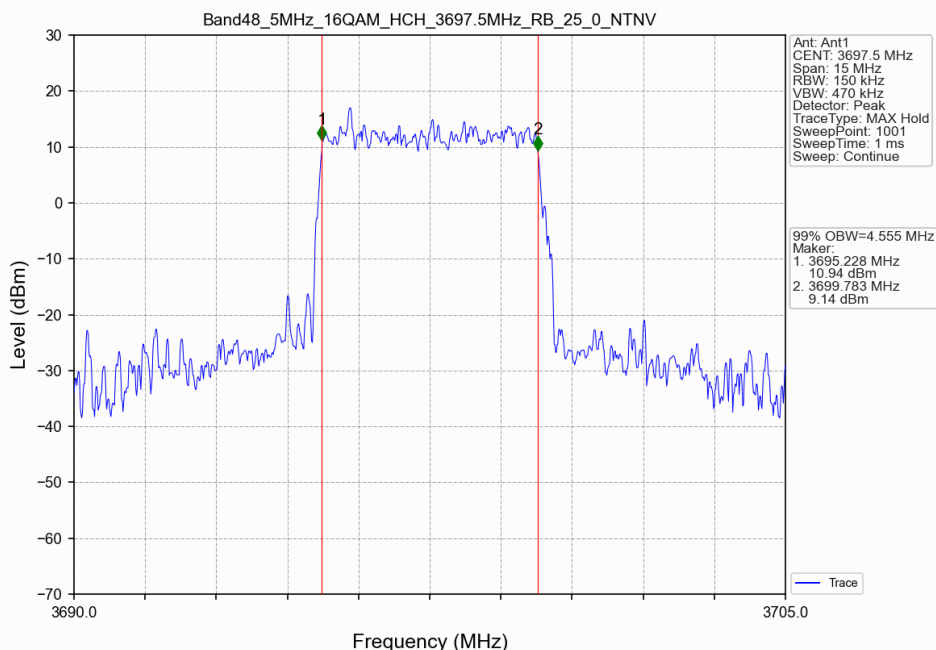
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Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_25\_0\_NTNV



Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV

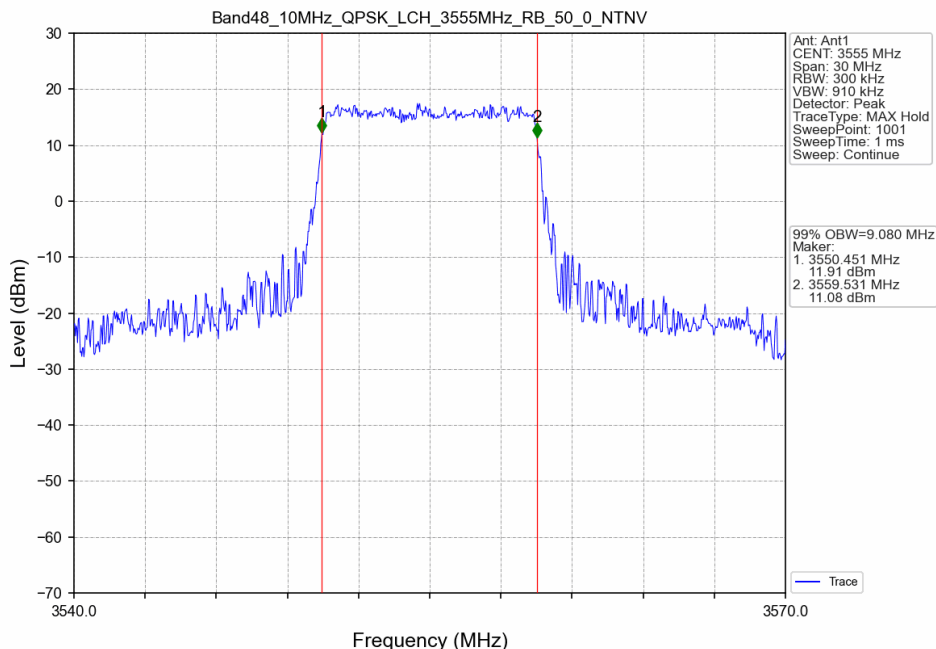


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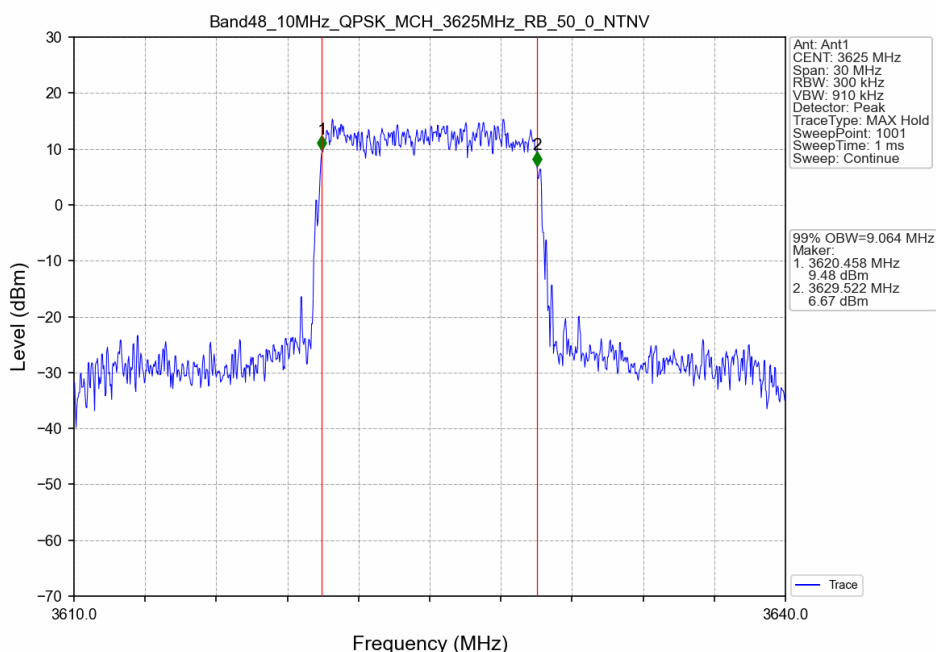
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Band48\_10MHz\_QPSK\_LCH\_3555MHz\_RB\_50\_0\_NTNV



Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_0\_NTNV

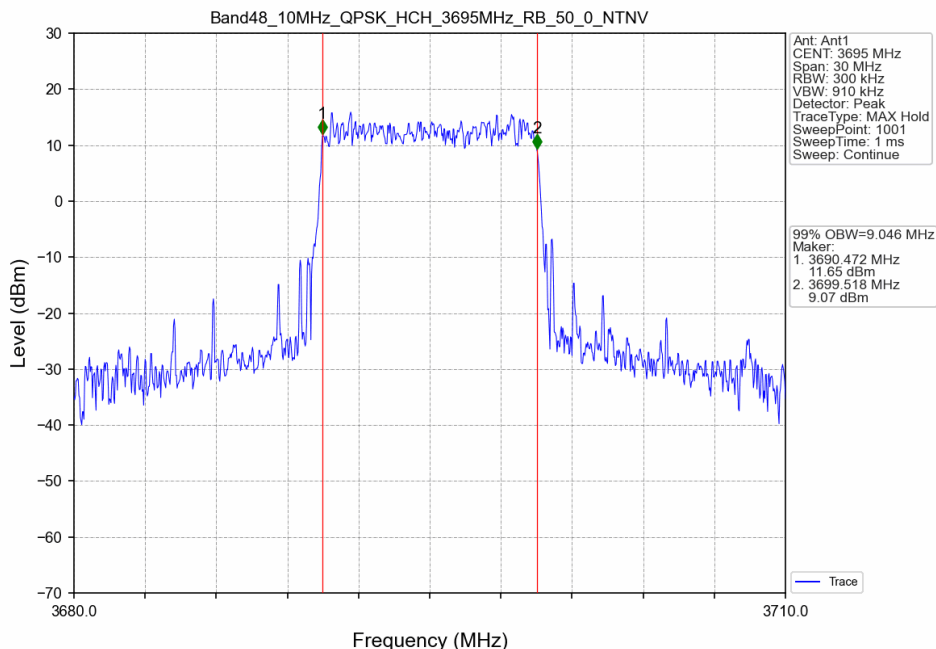


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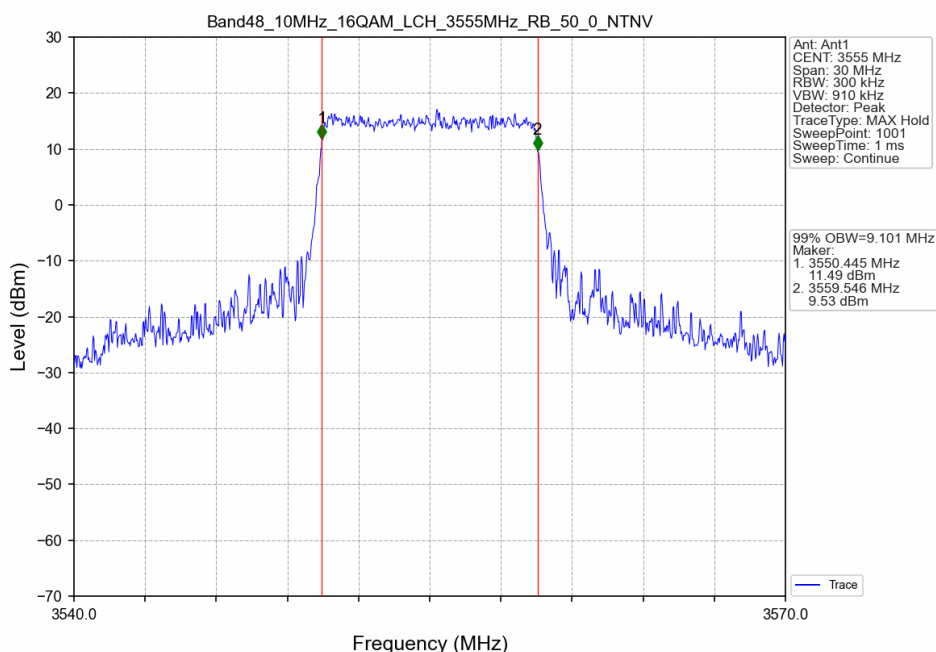
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Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_50\_0\_NTNV



Band48\_10MHz\_16QAM\_LCH\_3555MHz\_RB\_50\_0\_NTNV

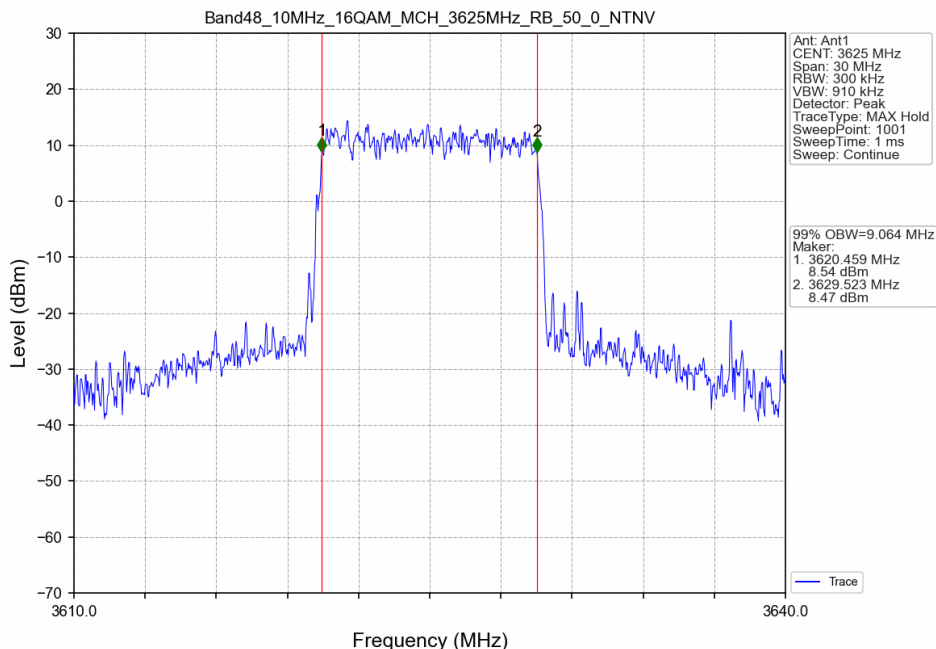


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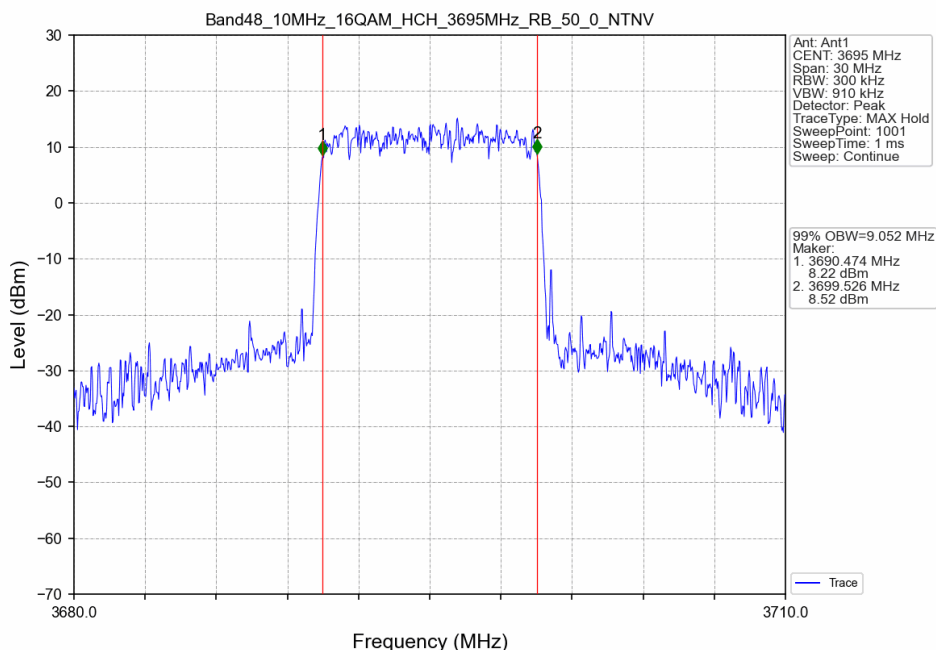
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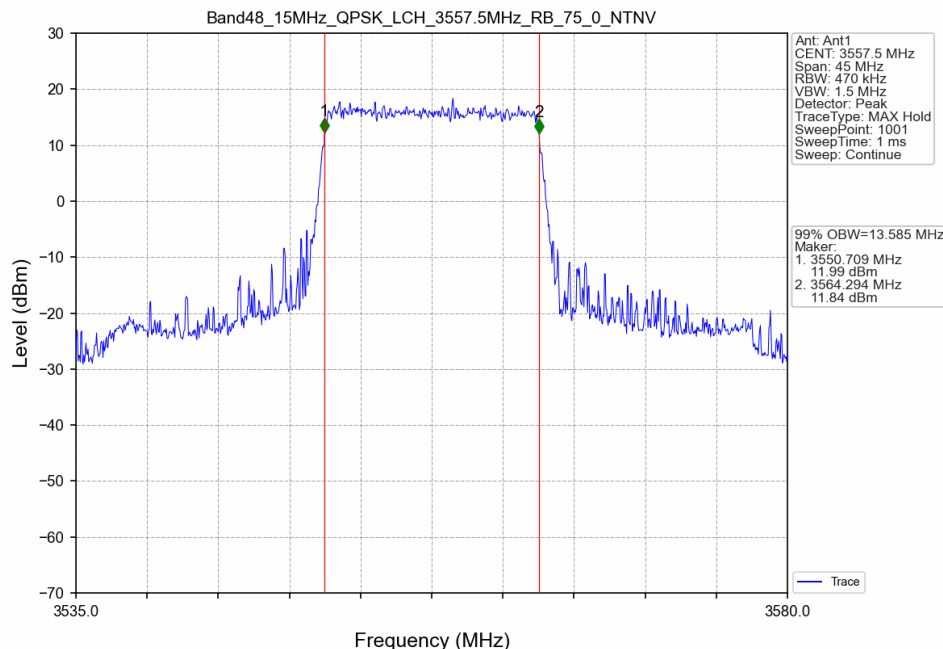


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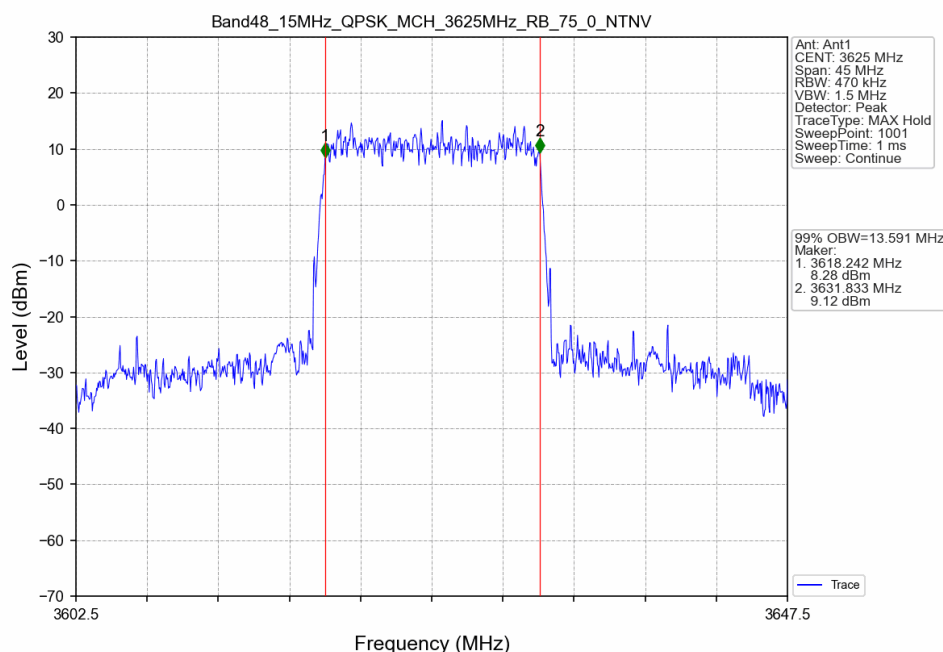
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Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV



Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_75\_0\_NTNV

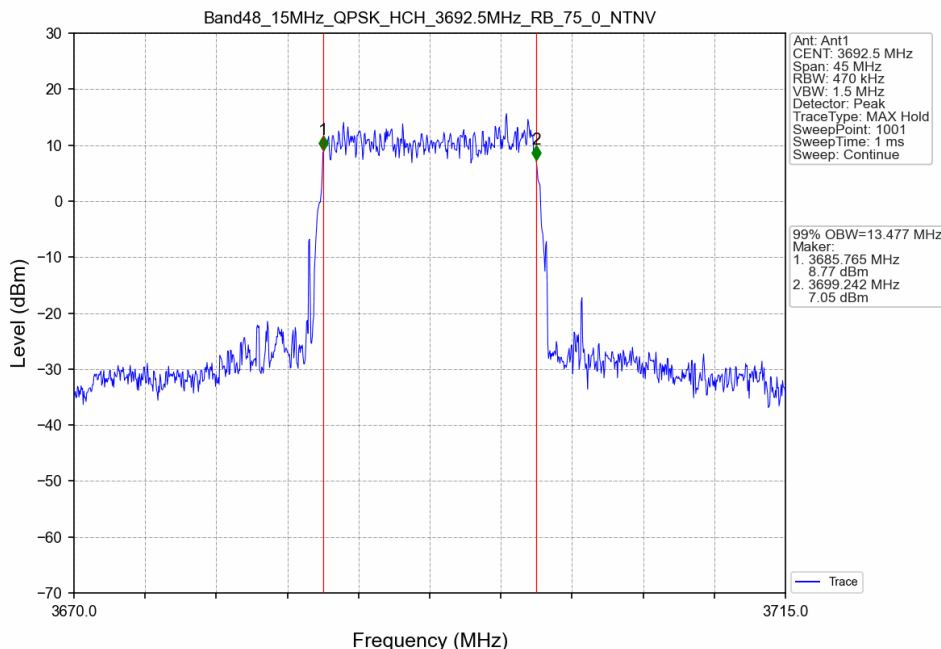


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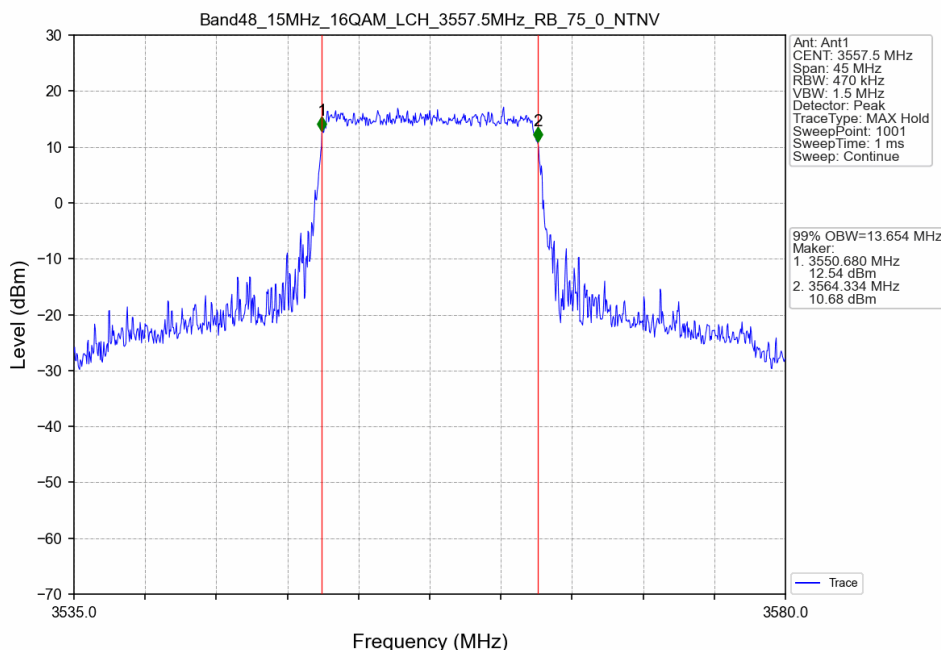
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Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV

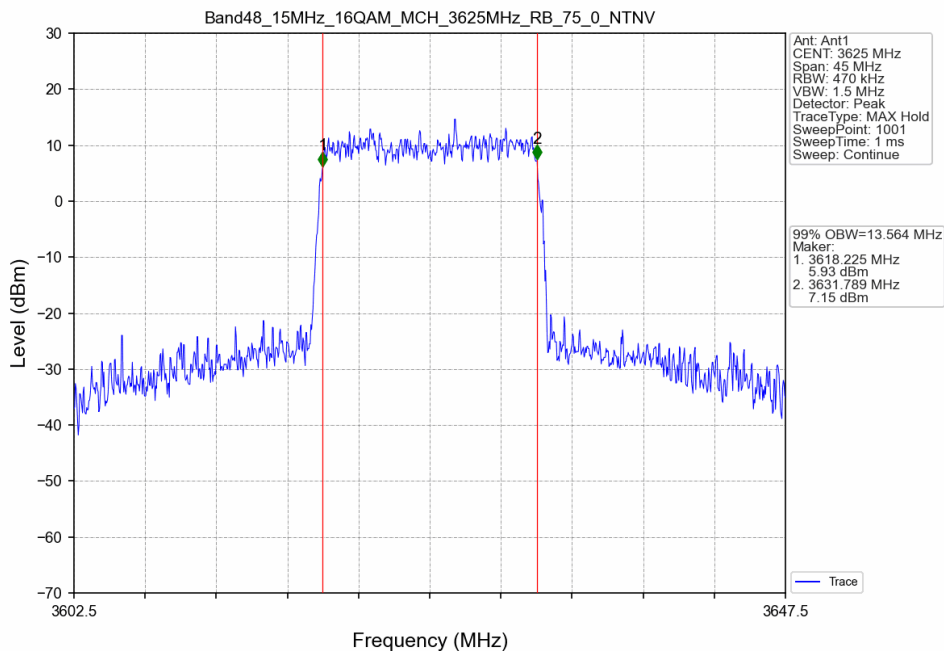


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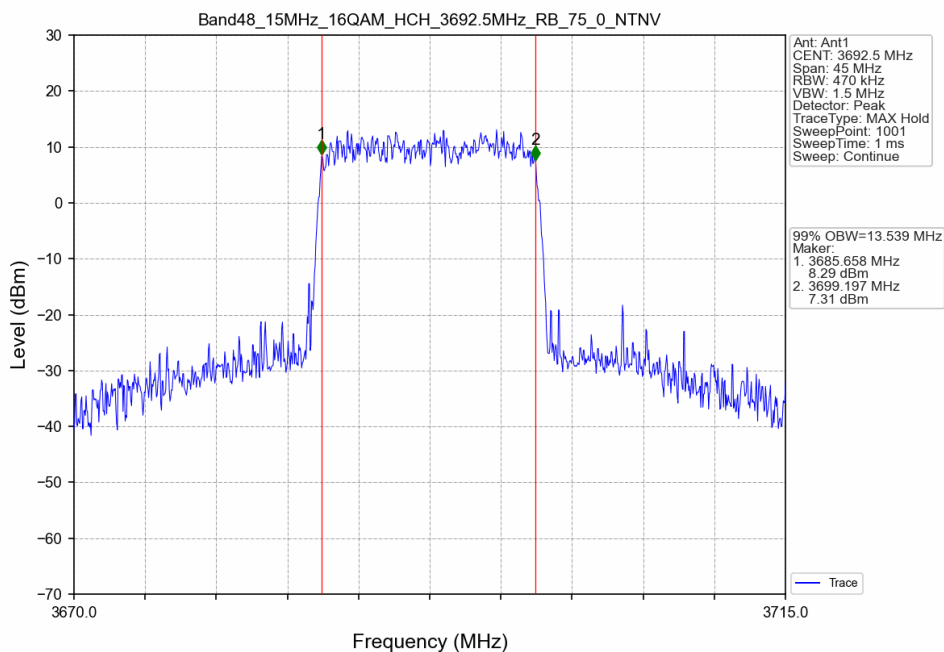
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Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV

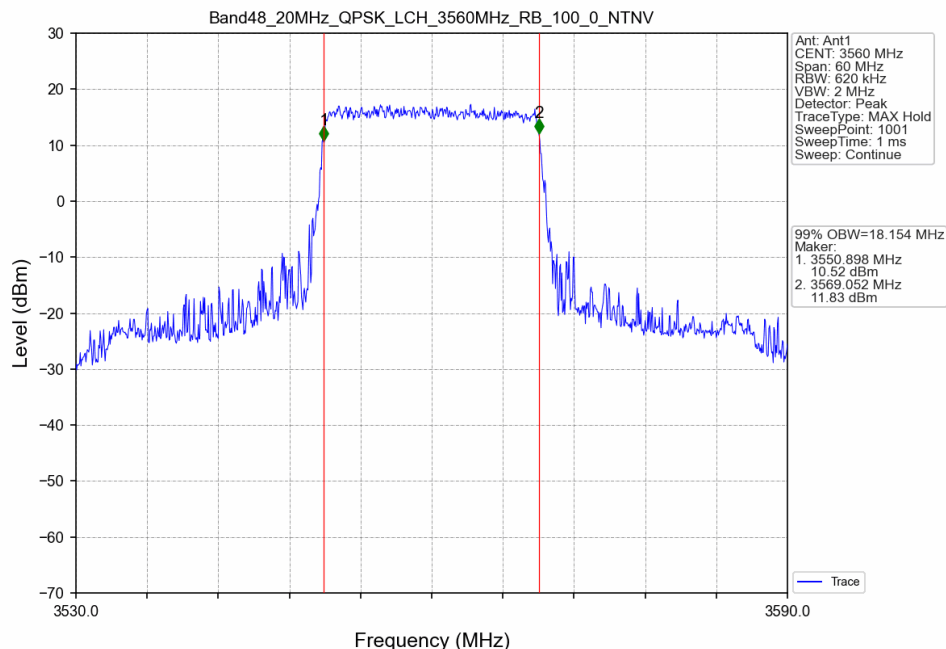


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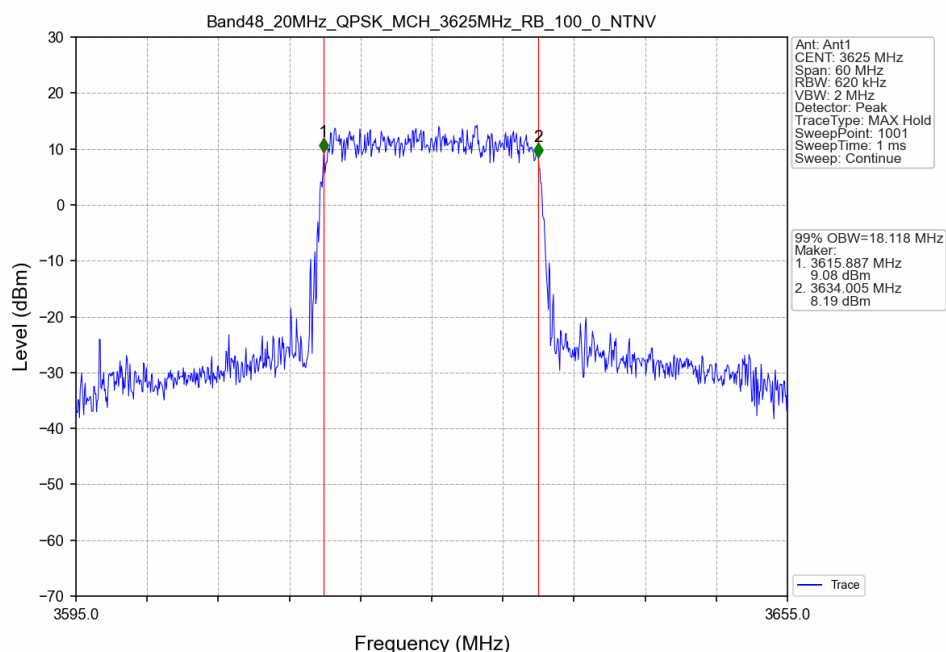
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Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_100\_0\_NTNV

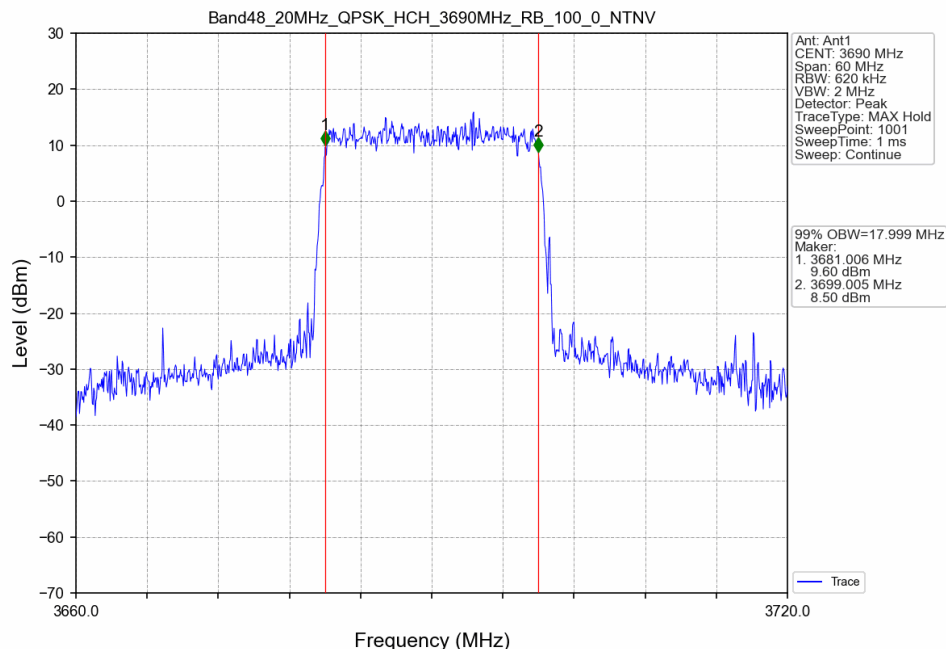


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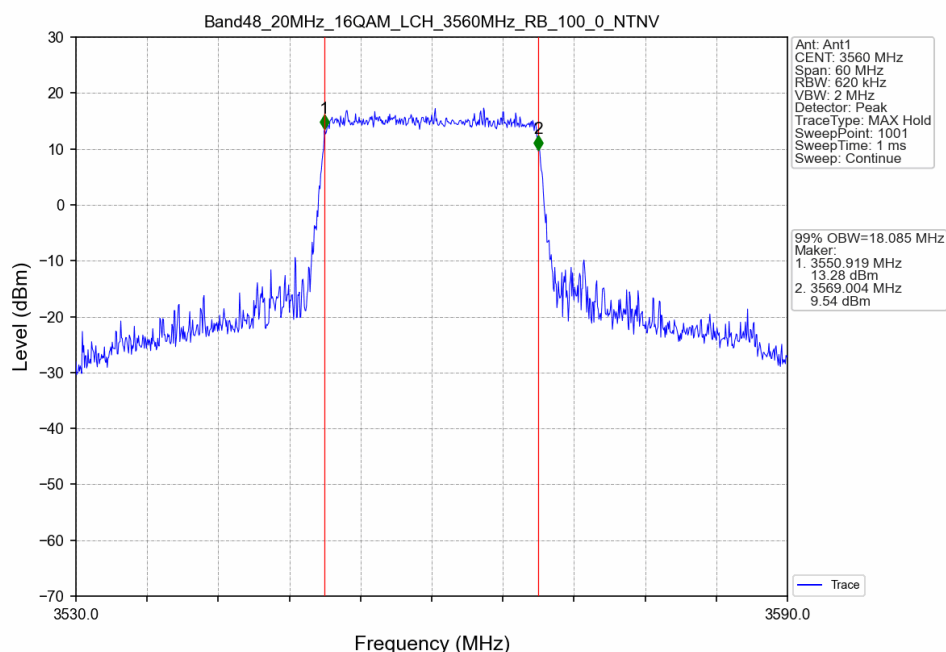
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Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_100\_0\_NTNV

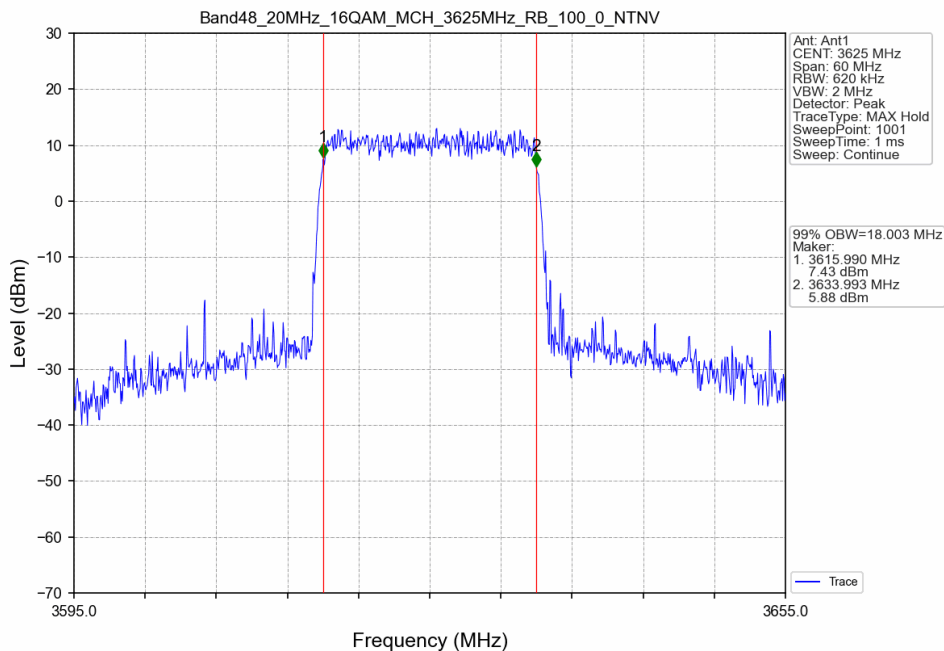


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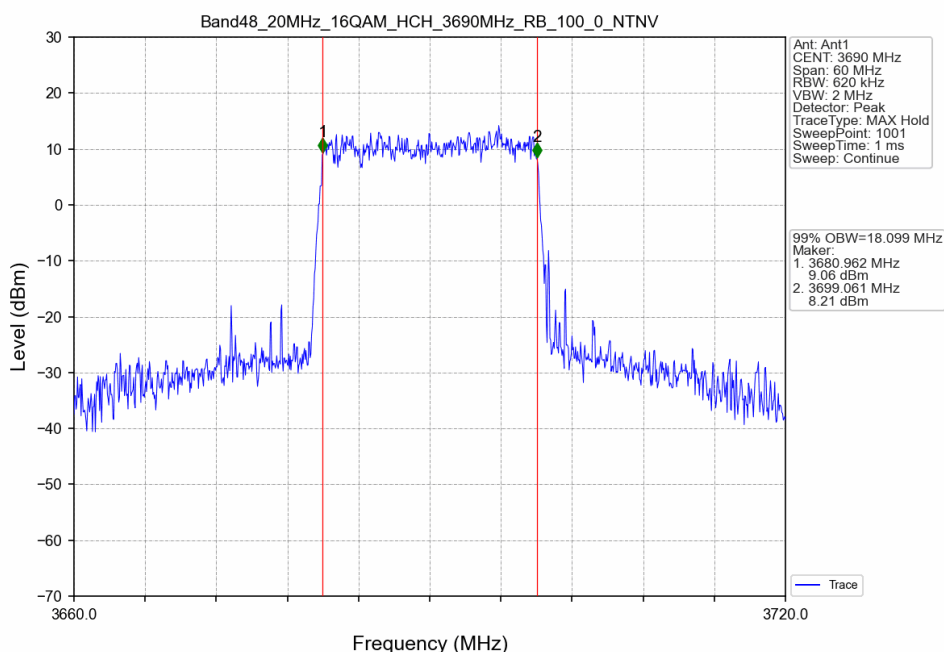
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Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_100\_0\_NTNV



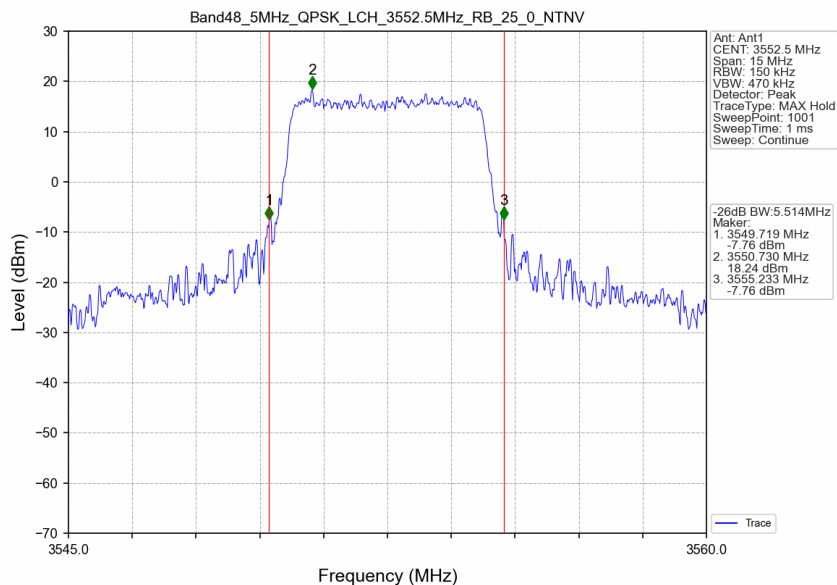
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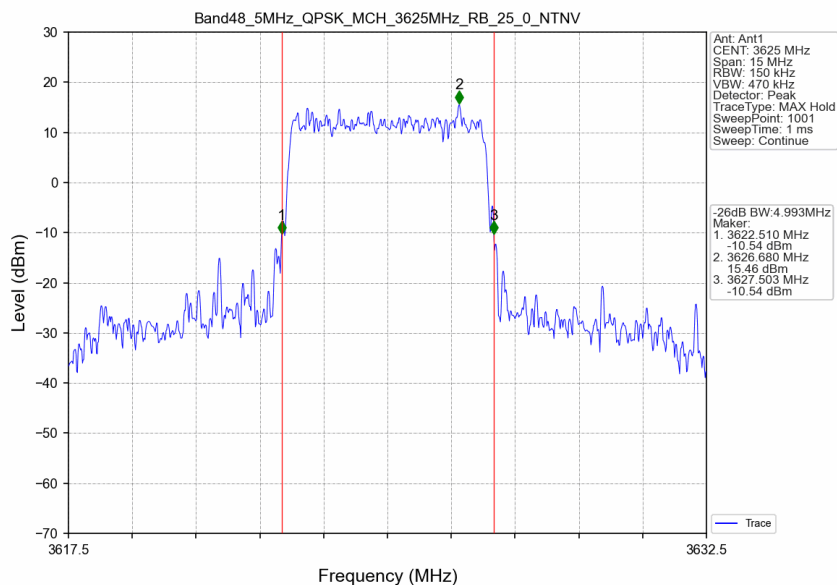
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### 3.2.2 Band48\_XDB

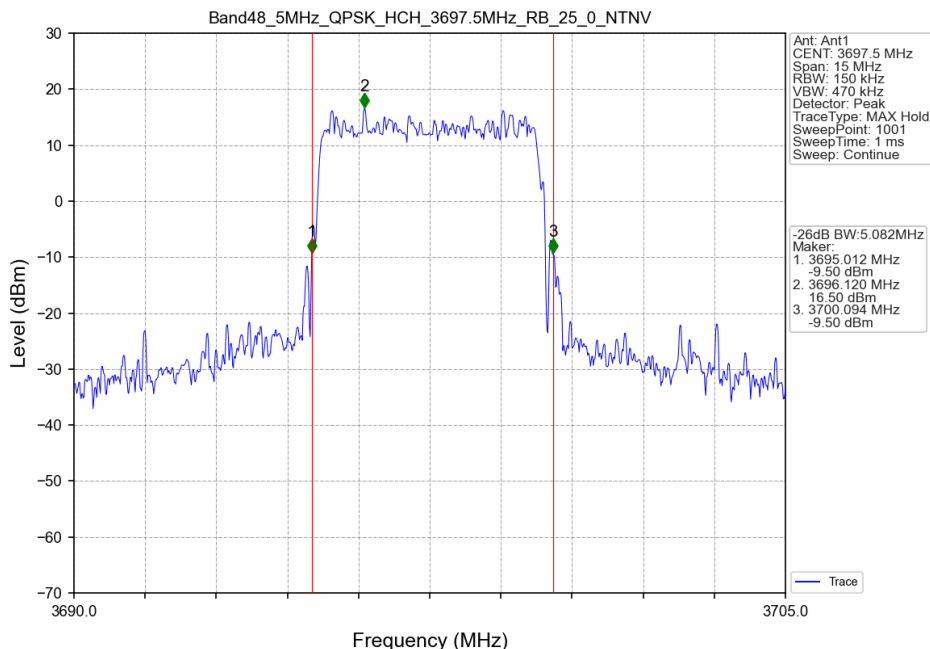
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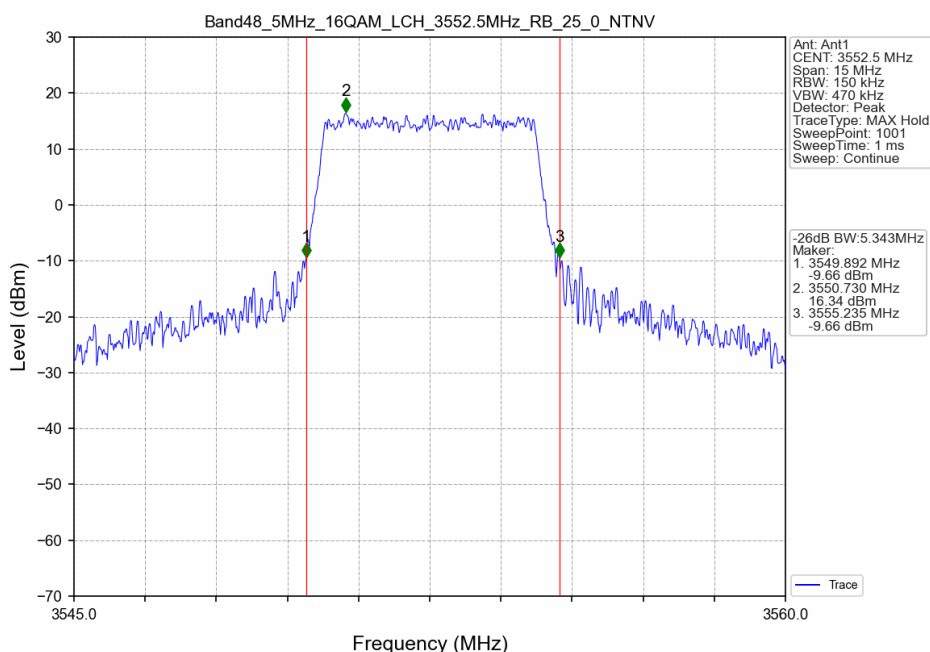
Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_25\_0\_NTNV



Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV

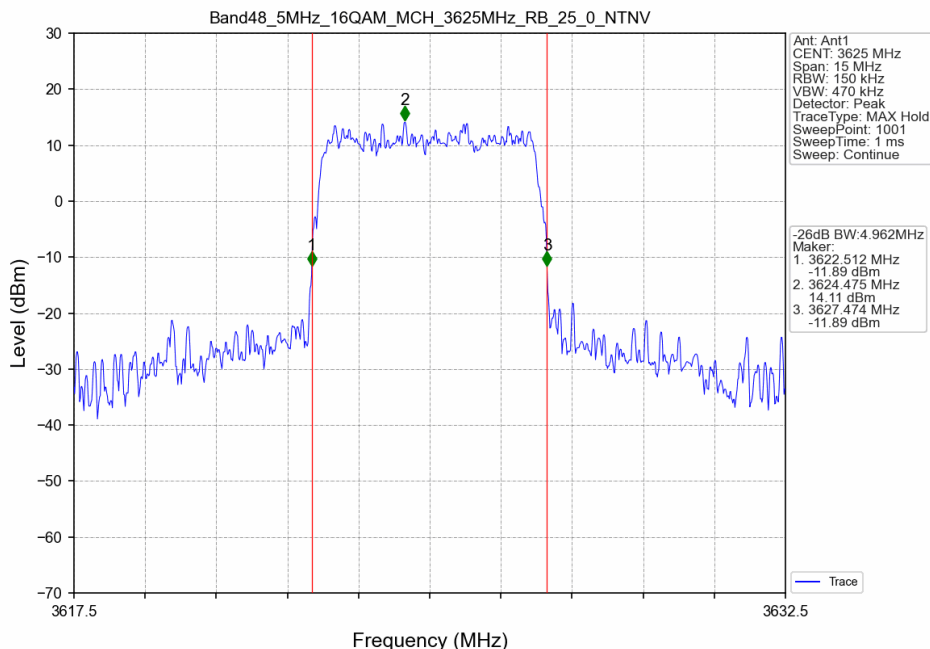


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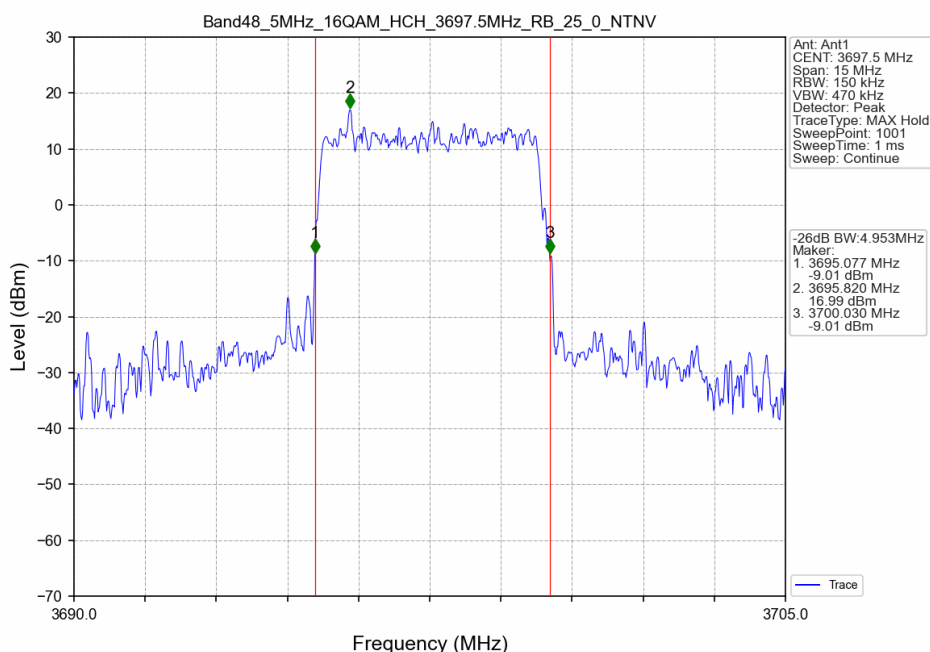
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Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_25\_0\_NTNV



Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV

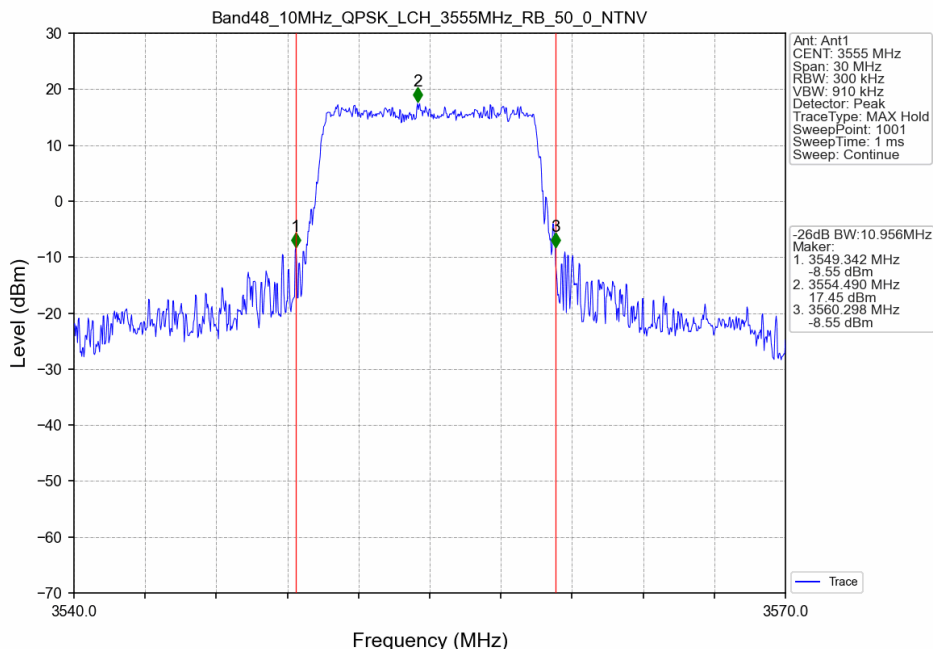


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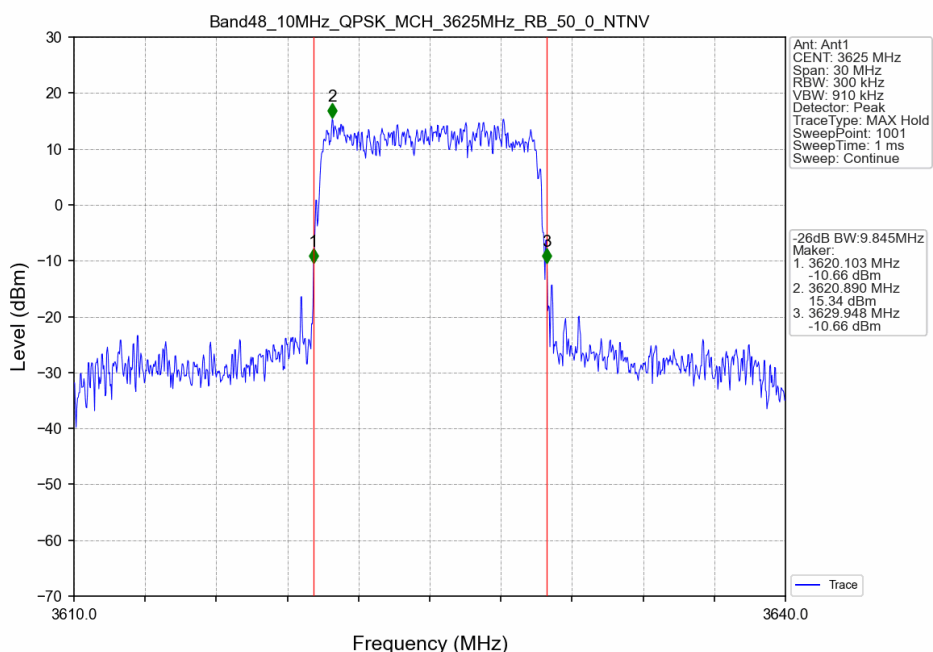
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Band48\_10MHz\_QPSK\_LCH\_3555MHz\_RB\_50\_0\_NTNV



Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_0\_NTNV

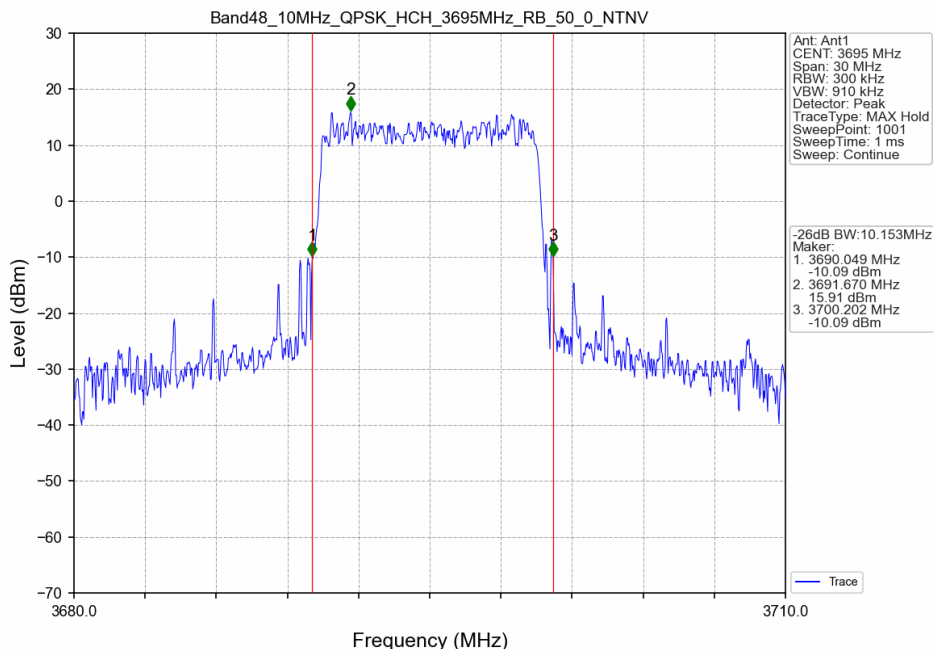


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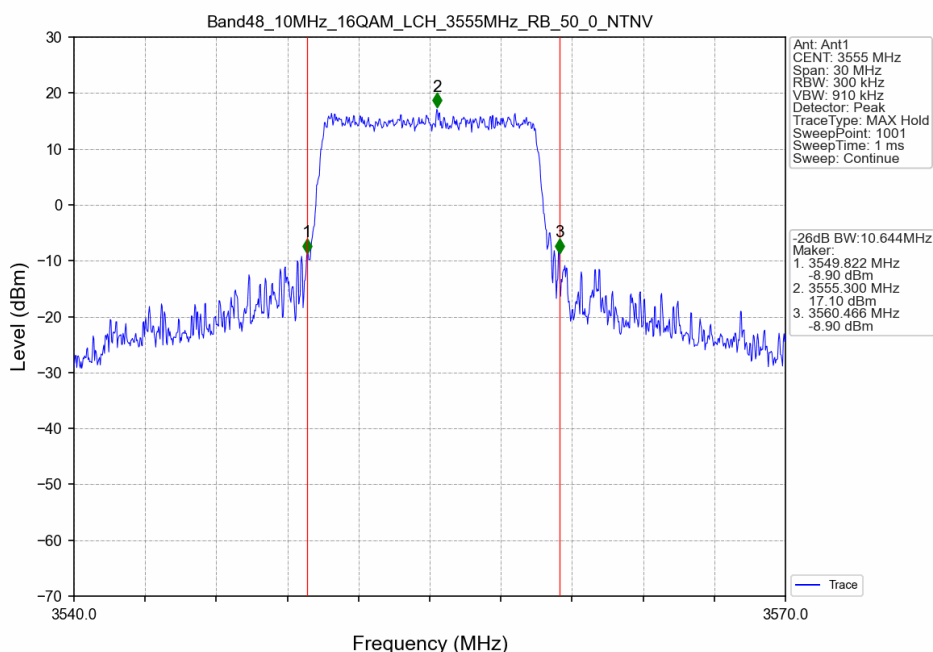
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Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_50\_0\_NTNV



Band48\_10MHz\_16QAM\_LCH\_3555MHz\_RB\_50\_0\_NTNV

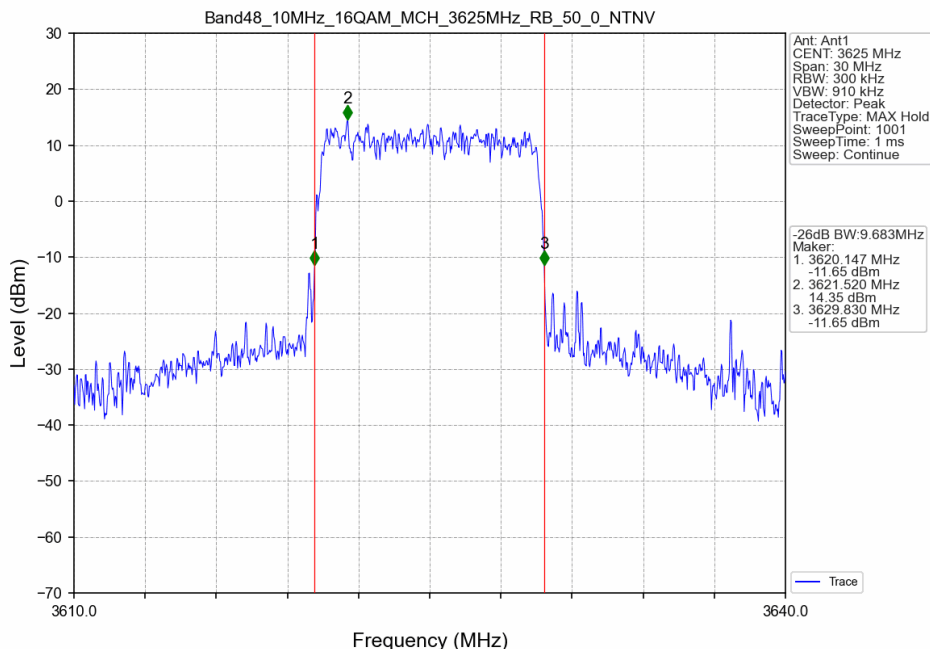


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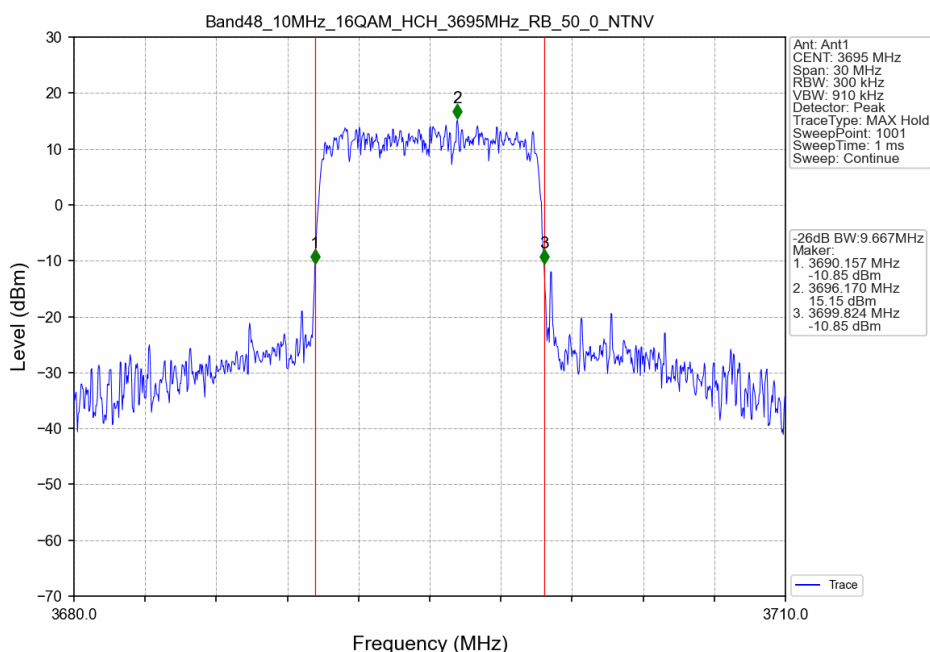
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Band48\_10MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



Band48\_10MHz\_16QAM\_HCH\_3695MHz\_RB\_50\_0\_NTNV

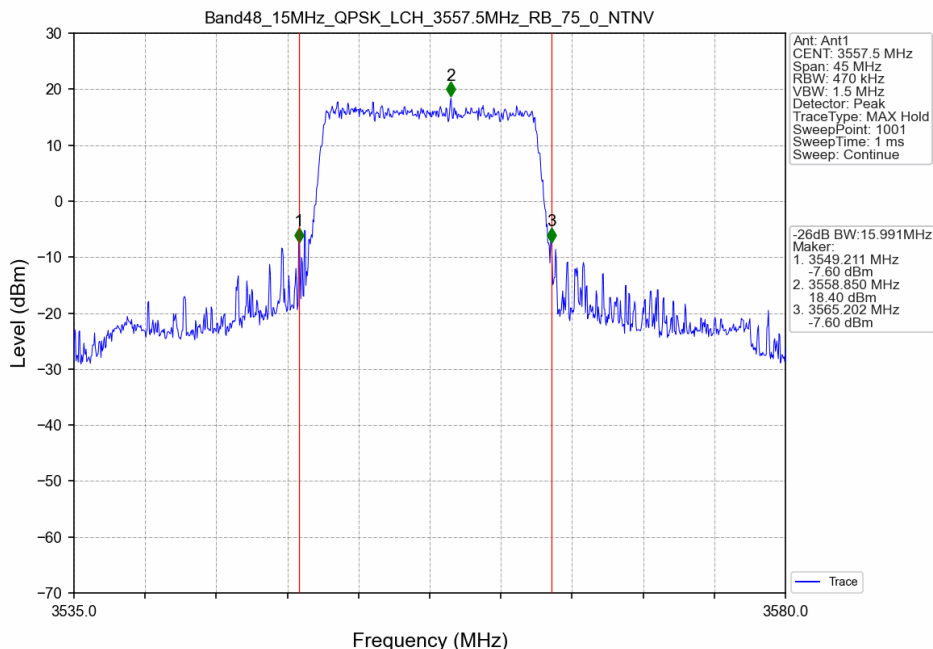


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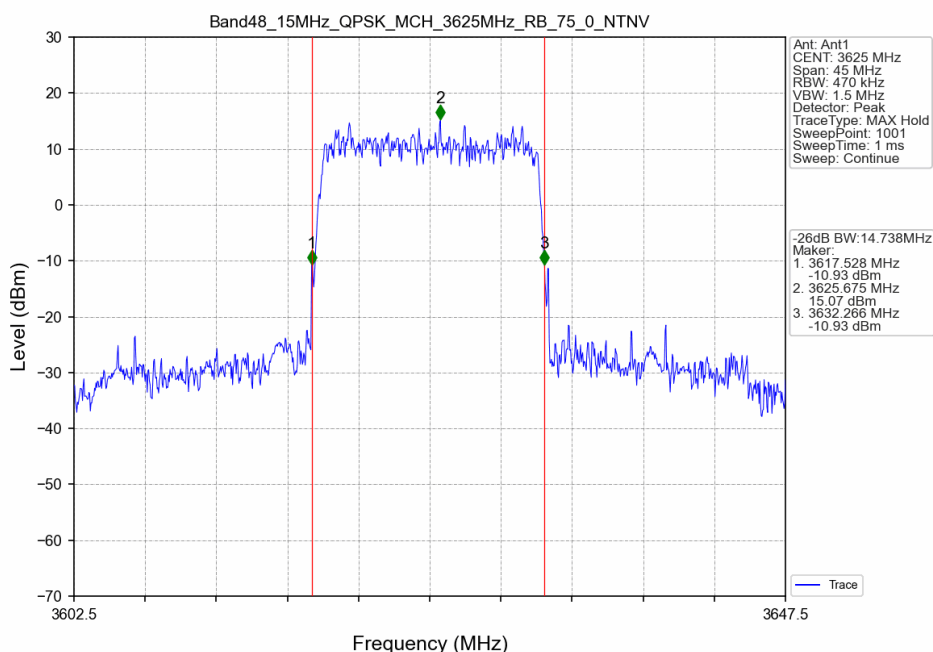
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Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV



Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_75\_0\_NTNV

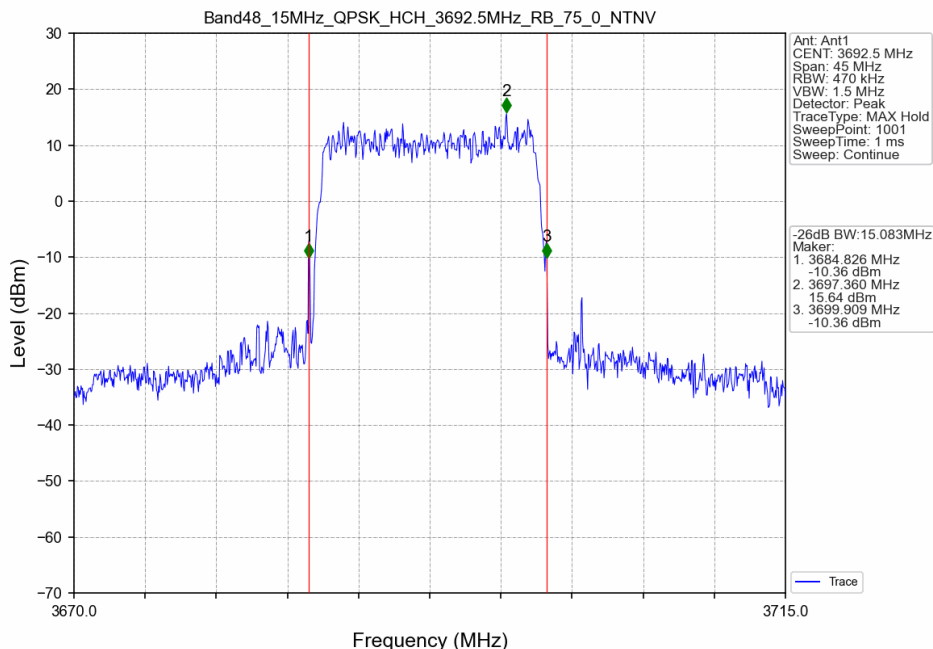


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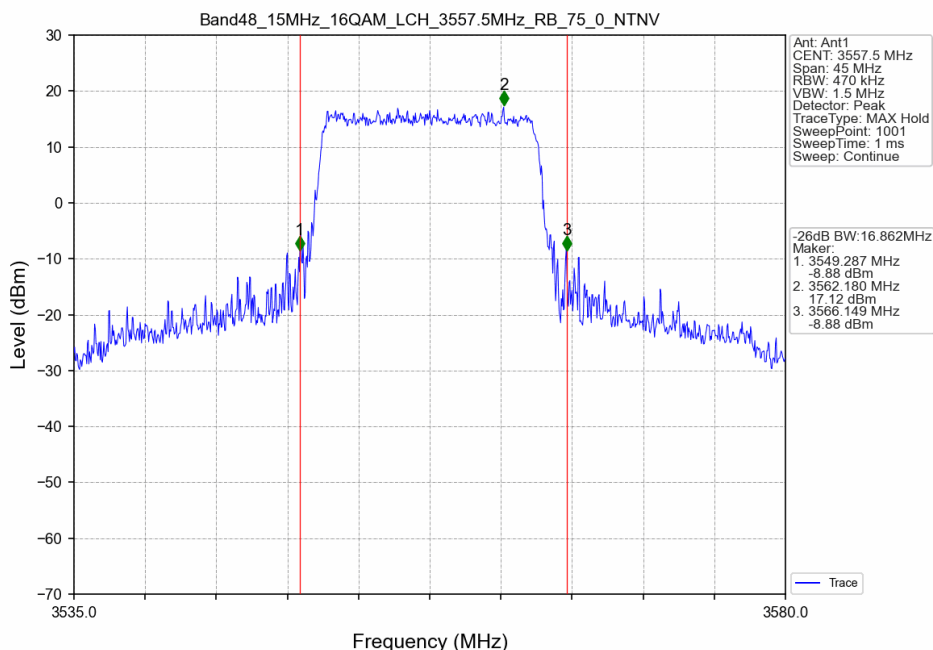
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Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV

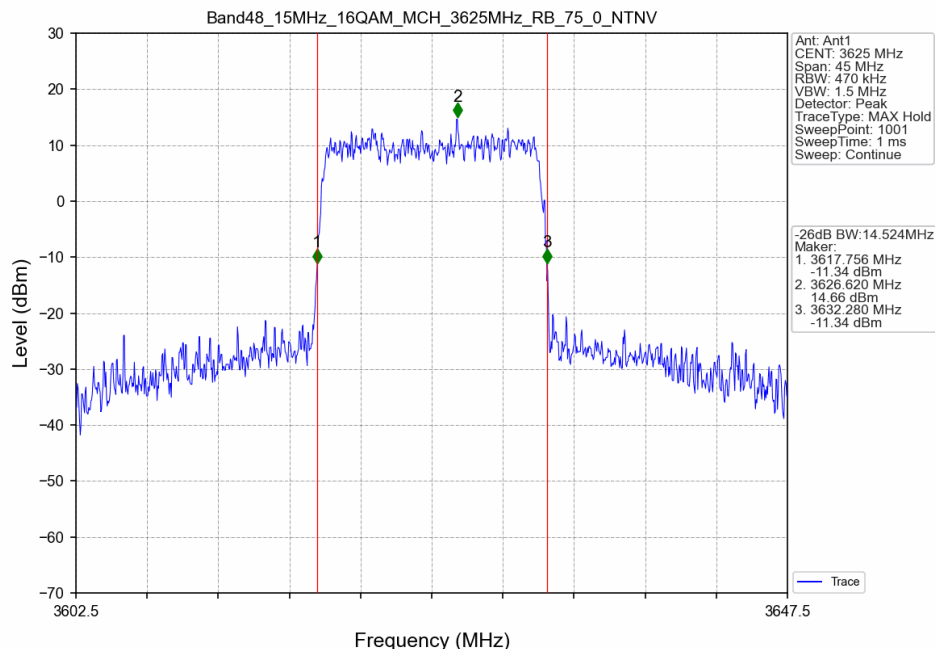


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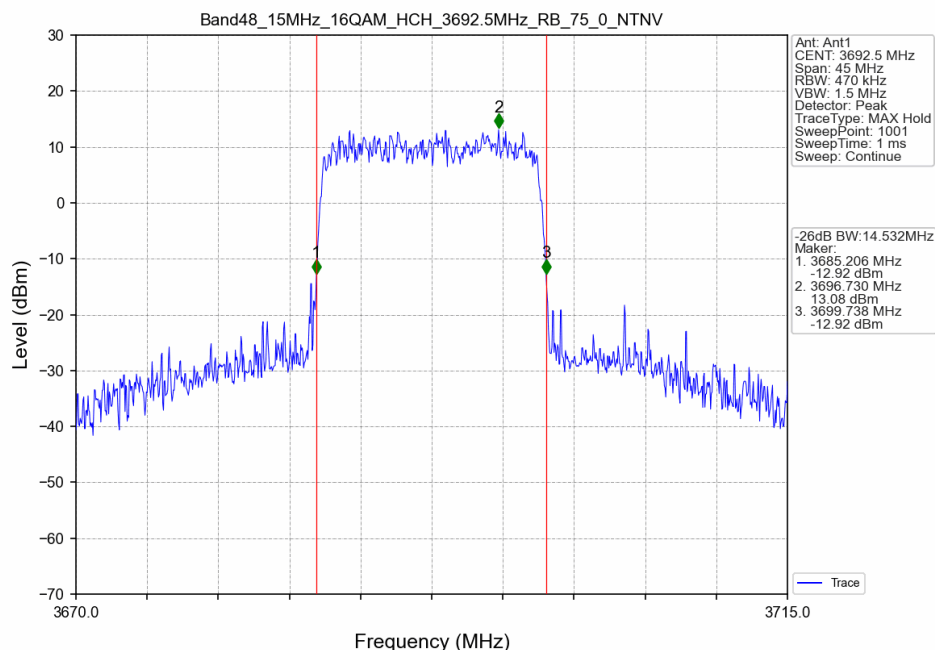
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Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV

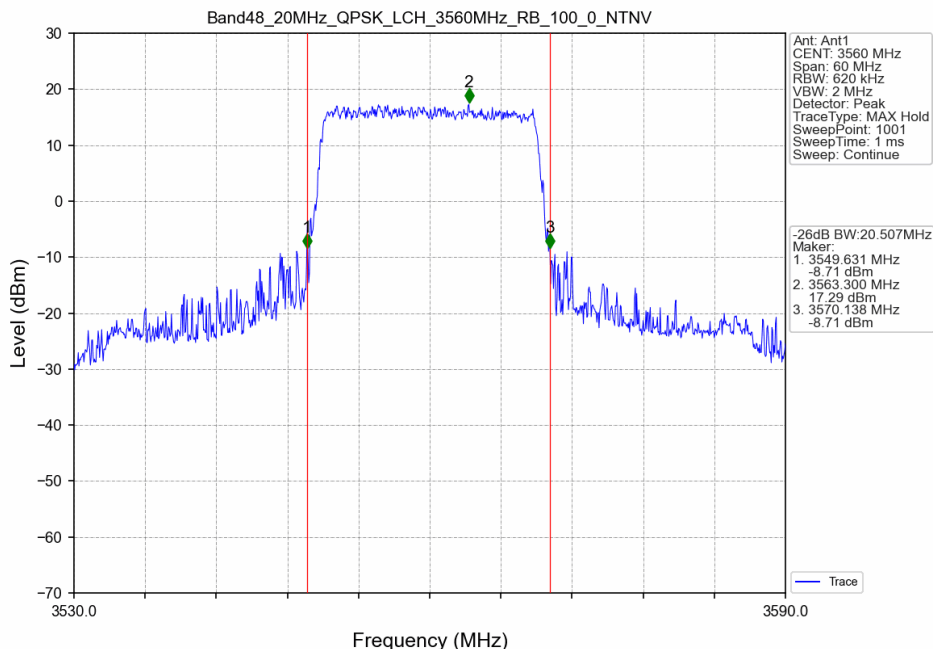


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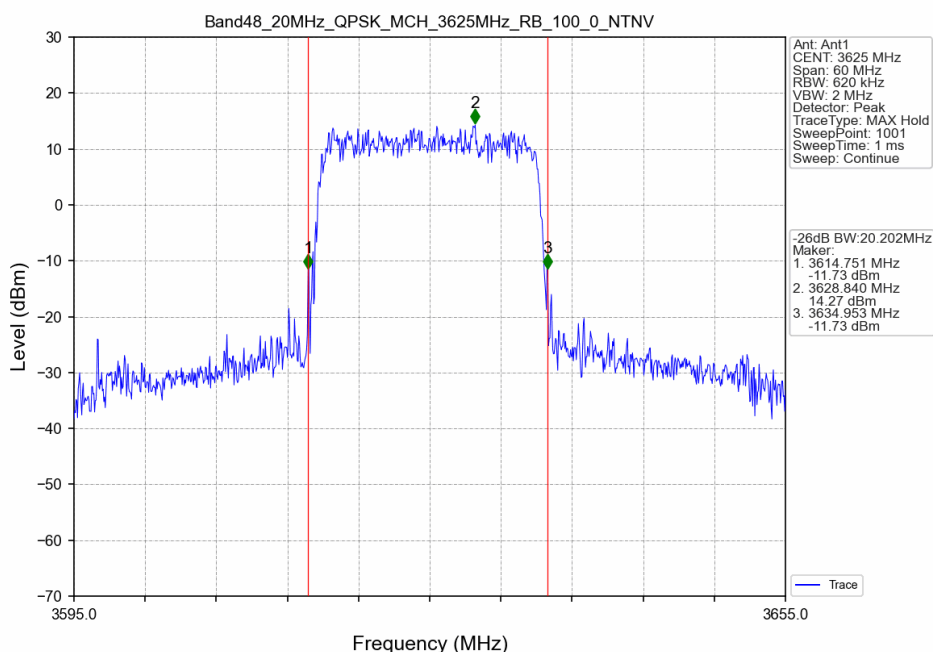
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Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_100\_0\_NTNV

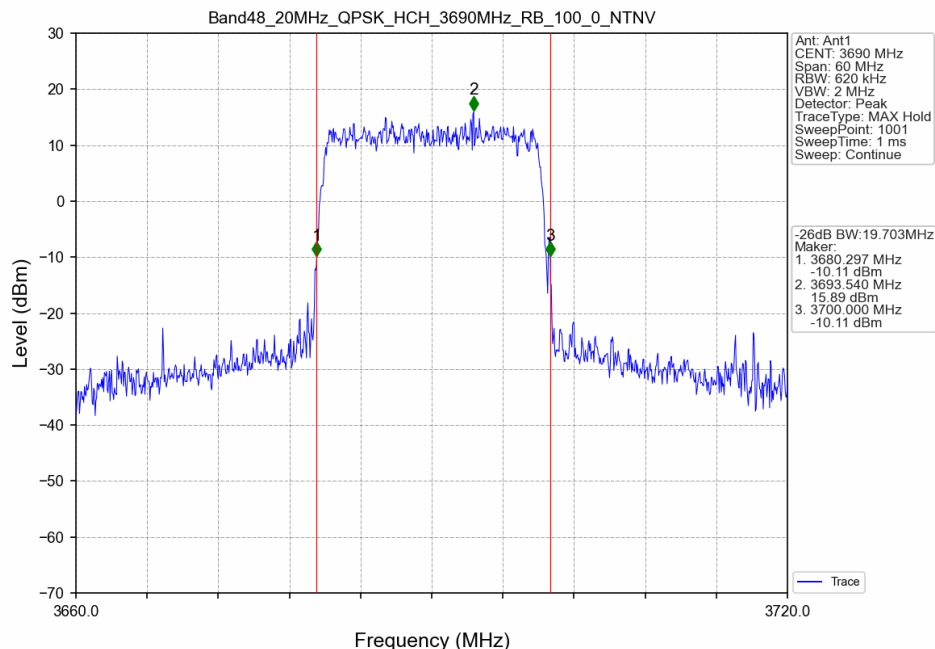


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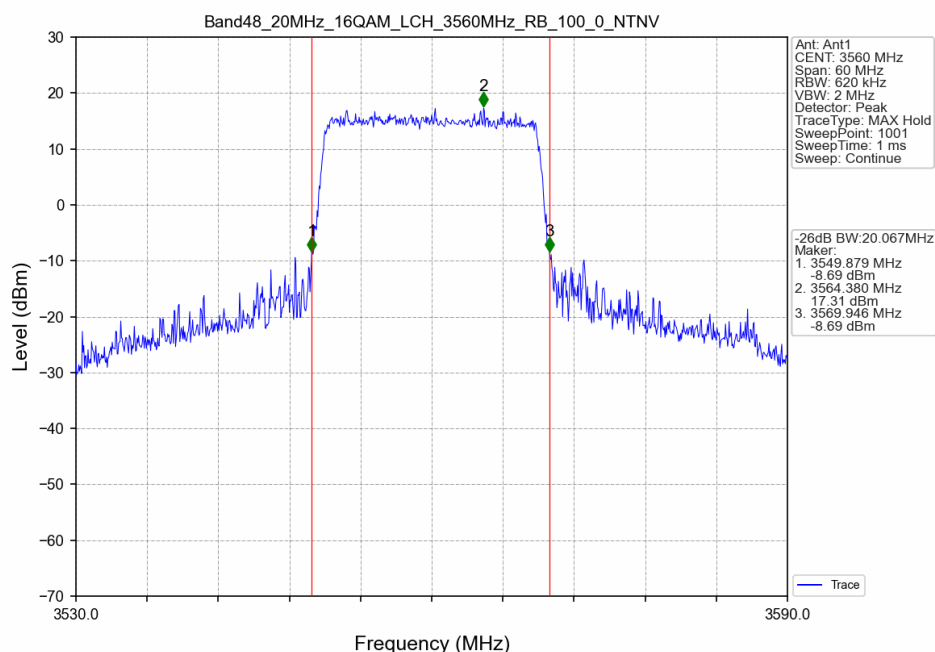
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Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_100\_0\_NTNV



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