

## 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      | 17.28                 | 3.00       | 20.28      | /     | Pass    |
|                                   |                 |               | 13     | 17.37                 | 3.00       | 20.37      | /     | Pass    |
|                                   |                 |               | 24     | 17.24                 | 3.00       | 20.24      | /     | Pass    |
|                                   |                 | 12            | 0      | 16.23                 | 3.00       | 19.23      | /     | Pass    |
|                                   |                 |               | 6      | 16.23                 | 3.00       | 19.23      | /     | Pass    |
|                                   |                 |               | 13     | 16.19                 | 3.00       | 19.19      | /     | Pass    |
|                                   |                 | 25            | 0      | 16.24                 | 3.00       | 19.24      | /     | Pass    |
|                                   | 3625            | 1             | 0      | 17.07                 | 3.00       | 20.07      | /     | Pass    |
|                                   |                 |               | 13     | 17.23                 | 3.00       | 20.23      | /     | Pass    |
|                                   |                 |               | 24     | 17.16                 | 3.00       | 20.16      | /     | Pass    |
|                                   |                 | 12            | 0      | 16.09                 | 3.00       | 19.09      | /     | Pass    |
|                                   |                 |               | 6      | 16.18                 | 3.00       | 19.18      | /     | Pass    |
|                                   |                 |               | 13     | 16.17                 | 3.00       | 19.17      | /     | Pass    |
|                                   |                 | 25            | 0      | 16.10                 | 3.00       | 19.10      | /     | Pass    |
|                                   | 3697.5          | 1             | 0      | 16.94                 | 3.00       | 19.94      | /     | Pass    |
|                                   |                 |               | 13     | 17.10                 | 3.00       | 20.10      | /     | Pass    |
|                                   |                 |               | 24     | 16.85                 | 3.00       | 19.85      | /     | Pass    |
|                                   |                 | 12            | 0      | 15.91                 | 3.00       | 18.91      | /     | Pass    |
|                                   |                 |               | 6      | 15.96                 | 3.00       | 18.96      | /     | Pass    |
|                                   |                 |               | 13     | 16.03                 | 3.00       | 19.03      | /     | Pass    |
|                                   |                 | 25            | 0      | 15.93                 | 3.00       | 18.93      | /     | Pass    |
| 16QAM                             | 3552.5          | 1             | 0      | 16.46                 | 3.00       | 19.46      | /     | Pass    |
|                                   |                 |               | 13     | 16.54                 | 3.00       | 19.54      | /     | Pass    |
|                                   |                 |               | 24     | 16.45                 | 3.00       | 19.45      | /     | Pass    |
|                                   |                 | 12            | 0      | 15.37                 | 3.00       | 18.37      | /     | Pass    |
|                                   |                 |               | 6      | 15.42                 | 3.00       | 18.42      | /     | Pass    |
|                                   |                 |               | 13     | 15.36                 | 3.00       | 18.36      | /     | Pass    |
|                                   |                 | 25            | 0      | 15.27                 | 3.00       | 18.27      | /     | Pass    |
|                                   | 3625            | 1             | 0      | 16.33                 | 3.00       | 19.33      | /     | Pass    |
|                                   |                 |               | 13     | 16.57                 | 3.00       | 19.57      | /     | Pass    |
|                                   |                 |               | 24     | 16.45                 | 3.00       | 19.45      | /     | Pass    |
|                                   |                 | 12            | 0      | 15.13                 | 3.00       | 18.13      | /     | Pass    |
|                                   |                 |               | 6      | 15.25                 | 3.00       | 18.25      | /     | Pass    |
|                                   |                 |               | 13     | 15.31                 | 3.00       | 18.31      | /     | Pass    |
|                                   |                 | 25            | 0      | 15.15                 | 3.00       | 18.15      | /     | Pass    |
|                                   | 3697.5          | 1             | 0      | 16.30                 | 3.00       | 19.30      | /     | Pass    |
|                                   |                 |               | 13     | 16.36                 | 3.00       | 19.36      | /     | Pass    |
|                                   |                 |               | 24     | 16.36                 | 3.00       | 19.36      | /     | Pass    |
|                                   |                 | 12            | 0      | 15.13                 | 3.00       | 18.13      | /     | Pass    |
|                                   |                 |               | 6      | 15.13                 | 3.00       | 18.13      | /     | Pass    |
|                                   |                 |               | 13     | 15.14                 | 3.00       | 18.14      | /     | Pass    |
|                                   |                 | 25            | 0      | 14.98                 | 3.00       | 17.98      | /     | Pass    |
| 64QAM                             | 3552.5          | 1             | 0      | 16.34                 | 3.00       | 19.34      | /     | Pass    |
|                                   |                 |               | 13     | 16.46                 | 3.00       | 19.46      | /     | Pass    |
|                                   |                 |               | 24     | 16.30                 | 3.00       | 19.30      | /     | Pass    |
|                                   |                 | 12            | 0      | 15.26                 | 3.00       | 18.26      | /     | Pass    |

|                                          |        |        |    |       |       |       |       |      |      |
|------------------------------------------|--------|--------|----|-------|-------|-------|-------|------|------|
|                                          | 3625   | 25     | 6  | 15.33 | 3.00  | 18.33 | /     | Pass |      |
|                                          |        |        | 13 | 15.33 | 3.00  | 18.33 | /     | Pass |      |
|                                          |        |        | 0  | 14.28 | 3.00  | 17.28 | /     | Pass |      |
|                                          |        | 3625   | 1  | 0     | 15.25 | 3.00  | 18.25 | /    | Pass |
|                                          |        |        |    | 13    | 15.69 | 3.00  | 18.69 | /    | Pass |
|                                          |        |        |    | 24    | 15.39 | 3.00  | 18.39 | /    | Pass |
|                                          |        |        | 12 | 0     | 14.17 | 3.00  | 17.17 | /    | Pass |
|                                          |        |        |    | 6     | 14.34 | 3.00  | 17.34 | /    | Pass |
|                                          |        |        |    | 13    | 14.26 | 3.00  | 17.26 | /    | Pass |
|                                          | 25     |        | 0  | 14.09 | 3.00  | 17.09 | /     | Pass |      |
|                                          | 3697.5 | 1      | 0  | 15.22 | 3.00  | 18.22 | /     | Pass |      |
|                                          |        |        | 13 | 15.38 | 3.00  | 18.38 | /     | Pass |      |
|                                          |        |        | 24 | 15.24 | 3.00  | 18.24 | /     | Pass |      |
|                                          |        | 12     | 0  | 13.98 | 3.00  | 16.98 | /     | Pass |      |
|                                          |        |        | 6  | 14.16 | 3.00  | 17.16 | /     | Pass |      |
|                                          |        |        | 13 | 14.11 | 3.00  | 17.11 | /     | Pass |      |
|                                          |        | 25     | 0  | 14.01 | 3.00  | 17.01 | /     | Pass |      |
|                                          | 256QAM | 3552.5 | 1  | 0     | 12.40 | 3.00  | 15.40 | /    | Pass |
|                                          |        |        |    | 13    | 12.45 | 3.00  | 15.45 | /    | Pass |
|                                          |        |        |    | 24    | 12.32 | 3.00  | 15.32 | /    | Pass |
|                                          |        |        | 12 | 0     | 12.31 | 3.00  | 15.31 | /    | Pass |
| 6                                        |        |        |    | 12.35 | 3.00  | 15.35 | /     | Pass |      |
| 13                                       |        |        |    | 12.33 | 3.00  | 15.33 | /     | Pass |      |
| 25                                       |        |        | 0  | 12.25 | 3.00  | 15.25 | /     | Pass |      |
| 3625                                     |        | 1      | 0  | 12.15 | 3.00  | 15.15 | /     | Pass |      |
|                                          |        |        | 13 | 12.29 | 3.00  | 15.29 | /     | Pass |      |
|                                          |        |        | 24 | 12.32 | 3.00  | 15.32 | /     | Pass |      |
|                                          |        | 12     | 0  | 12.13 | 3.00  | 15.13 | /     | Pass |      |
|                                          |        |        | 6  | 12.26 | 3.00  | 15.26 | /     | Pass |      |
|                                          |        |        | 13 | 12.20 | 3.00  | 15.20 | /     | Pass |      |
|                                          |        | 25     | 0  | 12.13 | 3.00  | 15.13 | /     | Pass |      |
| 3697.5                                   |        | 1      | 0  | 12.07 | 3.00  | 15.07 | /     | Pass |      |
|                                          |        |        | 13 | 12.31 | 3.00  | 15.31 | /     | Pass |      |
|                                          |        |        | 24 | 12.20 | 3.00  | 15.20 | /     | Pass |      |
|                                          |        | 12     | 0  | 12.01 | 3.00  | 15.01 | /     | Pass |      |
|                                          |        |        | 6  | 12.03 | 3.00  | 15.03 | /     | Pass |      |
|                                          |        |        | 13 | 12.08 | 3.00  | 15.08 | /     | Pass |      |
|                                          |        | 25     | 0  | 12.01 | 3.00  | 15.01 | /     | 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      | 17.13                       | 3.00       | 20.13                  | <=23  | Pass    |
|                                  |                 |               | 13     | 17.29                       | 3.00       | 20.29                  | <=23  | Pass    |
|                                  |                 |               | 24     | 17.14                       | 3.00       | 20.14                  | <=23  | Pass    |
|                                  |                 | 12            | 0      | 16.16                       | 3.00       | 19.16                  | <=23  | Pass    |
|                                  |                 |               | 6      | 16.21                       | 3.00       | 19.21                  | <=23  | Pass    |
|                                  |                 |               | 13     | 16.19                       | 3.00       | 19.19                  | <=23  | Pass    |
|                                  |                 | 25            | 0      | 16.20                       | 3.00       | 19.20                  | <=23  | Pass    |
|                                  | 3625            | 1             | 0      | 16.58                       | 3.00       | 19.58                  | <=23  | Pass    |
|                                  |                 |               | 13     | 16.93                       | 3.00       | 19.93                  | <=23  | Pass    |

|        |        |    |    |       |      |       |      |      |
|--------|--------|----|----|-------|------|-------|------|------|
|        |        | 12 | 24 | 16.87 | 3.00 | 19.87 | <=23 | Pass |
|        |        |    | 0  | 15.72 | 3.00 | 18.72 | <=23 | Pass |
|        |        |    | 6  | 15.87 | 3.00 | 18.87 | <=23 | Pass |
|        |        |    | 13 | 15.85 | 3.00 | 18.85 | <=23 | Pass |
|        | 3697.5 | 25 | 0  | 15.73 | 3.00 | 18.73 | <=23 | Pass |
|        |        |    | 0  | 16.71 | 3.00 | 19.71 | <=23 | Pass |
|        |        |    | 13 | 17.07 | 3.00 | 20.07 | <=23 | Pass |
|        |        | 1  | 24 | 17.00 | 3.00 | 20.00 | <=23 | Pass |
|        |        |    | 0  | 15.87 | 3.00 | 18.87 | <=23 | Pass |
|        |        |    | 6  | 15.89 | 3.00 | 18.89 | <=23 | Pass |
|        |        |    | 13 | 16.02 | 3.00 | 19.02 | <=23 | Pass |
|        |        | 25 | 0  | 15.85 | 3.00 | 18.85 | <=23 | Pass |
| 16QAM  | 3552.5 | 1  | 0  | 16.40 | 3.00 | 19.40 | <=23 | Pass |
|        |        |    | 13 | 16.53 | 3.00 | 19.53 | <=23 | Pass |
|        |        |    | 24 | 16.40 | 3.00 | 19.40 | <=23 | Pass |
|        |        | 12 | 0  | 15.29 | 3.00 | 18.29 | <=23 | Pass |
|        |        |    | 6  | 15.27 | 3.00 | 18.27 | <=23 | Pass |
|        |        |    | 13 | 15.24 | 3.00 | 18.24 | <=23 | Pass |
|        |        | 25 | 0  | 15.24 | 3.00 | 18.24 | <=23 | Pass |
|        | 3625   | 1  | 0  | 16.09 | 3.00 | 19.09 | <=23 | Pass |
|        |        |    | 13 | 16.15 | 3.00 | 19.15 | <=23 | Pass |
|        |        |    | 24 | 16.21 | 3.00 | 19.21 | <=23 | Pass |
|        |        | 12 | 0  | 14.78 | 3.00 | 17.78 | <=23 | Pass |
|        |        |    | 6  | 14.91 | 3.00 | 17.91 | <=23 | Pass |
|        |        |    | 13 | 14.92 | 3.00 | 17.92 | <=23 | Pass |
|        |        | 25 | 0  | 14.83 | 3.00 | 17.83 | <=23 | Pass |
|        | 3697.5 | 1  | 0  | 16.11 | 3.00 | 19.11 | <=23 | Pass |
|        |        |    | 13 | 16.23 | 3.00 | 19.23 | <=23 | Pass |
|        |        |    | 24 | 16.24 | 3.00 | 19.24 | <=23 | Pass |
|        |        | 12 | 0  | 14.85 | 3.00 | 17.85 | <=23 | Pass |
|        |        |    | 6  | 14.94 | 3.00 | 17.94 | <=23 | Pass |
|        |        |    | 13 | 15.05 | 3.00 | 18.05 | <=23 | Pass |
|        |        | 25 | 0  | 14.91 | 3.00 | 17.91 | <=23 | Pass |
| 64QAM  | 3552.5 | 1  | 0  | 16.29 | 3.00 | 19.29 | <=23 | Pass |
|        |        |    | 13 | 16.32 | 3.00 | 19.32 | <=23 | Pass |
|        |        |    | 24 | 16.23 | 3.00 | 19.23 | <=23 | Pass |
|        |        | 12 | 0  | 15.23 | 3.00 | 18.23 | <=23 | Pass |
|        |        |    | 6  | 15.26 | 3.00 | 18.26 | <=23 | Pass |
|        |        |    | 13 | 15.25 | 3.00 | 18.25 | <=23 | Pass |
|        |        | 25 | 0  | 14.03 | 3.00 | 17.03 | <=23 | Pass |
|        | 3625   | 1  | 0  | 15.09 | 3.00 | 18.09 | <=23 | Pass |
|        |        |    | 13 | 15.05 | 3.00 | 18.05 | <=23 | Pass |
|        |        |    | 24 | 15.19 | 3.00 | 18.19 | <=23 | Pass |
|        |        | 12 | 0  | 13.91 | 3.00 | 16.91 | <=23 | Pass |
|        |        |    | 6  | 14.03 | 3.00 | 17.03 | <=23 | Pass |
|        |        |    | 13 | 13.96 | 3.00 | 16.96 | <=23 | Pass |
|        |        | 25 | 0  | 13.84 | 3.00 | 16.84 | <=23 | Pass |
|        | 3697.5 | 1  | 0  | 15.13 | 3.00 | 18.13 | <=23 | Pass |
|        |        |    | 13 | 15.26 | 3.00 | 18.26 | <=23 | Pass |
|        |        |    | 24 | 15.14 | 3.00 | 18.14 | <=23 | Pass |
|        |        | 12 | 0  | 13.90 | 3.00 | 16.90 | <=23 | Pass |
|        |        |    | 6  | 14.06 | 3.00 | 17.06 | <=23 | Pass |
|        |        |    | 13 | 14.09 | 3.00 | 17.09 | <=23 | Pass |
|        |        | 25 | 0  | 13.92 | 3.00 | 16.92 | <=23 | Pass |
| 256QAM | 3552.5 | 1  | 0  | 12.30 | 3.00 | 15.30 | <=23 | Pass |
|        |        |    | 13 | 12.36 | 3.00 | 15.36 | <=23 | Pass |

|                                                |        |    |    |       |      |       |      |      |
|------------------------------------------------|--------|----|----|-------|------|-------|------|------|
|                                                |        |    | 24 | 12.19 | 3.00 | 15.19 | <=23 | Pass |
|                                                |        | 12 | 0  | 12.25 | 3.00 | 15.25 | <=23 | Pass |
|                                                |        |    | 6  | 12.33 | 3.00 | 15.33 | <=23 | Pass |
|                                                |        |    | 13 | 12.24 | 3.00 | 15.24 | <=23 | Pass |
|                                                |        | 25 | 0  | 12.26 | 3.00 | 15.26 | <=23 | Pass |
|                                                | 3625   | 1  | 0  | 11.82 | 3.00 | 14.82 | <=23 | Pass |
|                                                |        |    | 13 | 11.97 | 3.00 | 14.97 | <=23 | Pass |
|                                                |        |    | 24 | 11.98 | 3.00 | 14.98 | <=23 | Pass |
|                                                |        | 12 | 0  | 11.85 | 3.00 | 14.85 | <=23 | Pass |
|                                                |        |    | 6  | 12.00 | 3.00 | 15.00 | <=23 | Pass |
|                                                |        |    | 13 | 11.99 | 3.00 | 14.99 | <=23 | Pass |
|                                                |        | 25 | 0  | 11.84 | 3.00 | 14.84 | <=23 | Pass |
|                                                | 3697.5 | 1  | 0  | 11.81 | 3.00 | 14.81 | <=23 | Pass |
|                                                |        |    | 13 | 12.05 | 3.00 | 15.05 | <=23 | Pass |
|                                                |        |    | 24 | 12.04 | 3.00 | 15.04 | <=23 | Pass |
|                                                |        | 12 | 0  | 11.83 | 3.00 | 14.83 | <=23 | Pass |
|                                                |        |    | 6  | 11.97 | 3.00 | 14.97 | <=23 | Pass |
|                                                |        |    | 13 | 12.08 | 3.00 | 15.08 | <=23 | Pass |
|                                                |        | 25 | 0  | 11.96 | 3.00 | 14.96 | <=23 | Pass |
| Note1: EIRP/10MHz=Conducted Power+Antenna Gain |        |    |    |       |      |       |      |      |

## 1.1.3 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      | 17.32                 | 3.00       | 20.32      | /     | Pass    |
|                                    |                 |               | 25     | 17.35                 | 3.00       | 20.35      | /     | Pass    |
|                                    |                 |               | 49     | 17.27                 | 3.00       | 20.27      | /     | Pass    |
|                                    |                 | 25            | 0      | 16.26                 | 3.00       | 19.26      | /     | Pass    |
|                                    |                 |               | 13     | 16.31                 | 3.00       | 19.31      | /     | Pass    |
|                                    |                 |               | 25     | 16.21                 | 3.00       | 19.21      | /     | Pass    |
|                                    |                 | 50            | 0      | 16.27                 | 3.00       | 19.27      | /     | Pass    |
|                                    | 3625            | 1             | 0      | 17.10                 | 3.00       | 20.10      | /     | Pass    |
|                                    |                 |               | 25     | 17.24                 | 3.00       | 20.24      | /     | Pass    |
|                                    |                 |               | 49     | 17.06                 | 3.00       | 20.06      | /     | Pass    |
|                                    |                 | 25            | 0      | 16.14                 | 3.00       | 19.14      | /     | Pass    |
|                                    |                 |               | 13     | 16.13                 | 3.00       | 19.13      | /     | Pass    |
|                                    |                 |               | 25     | 16.24                 | 3.00       | 19.24      | /     | Pass    |
|                                    |                 | 50            | 0      | 16.14                 | 3.00       | 19.14      | /     | Pass    |
|                                    | 3695            | 1             | 0      | 16.75                 | 3.00       | 19.75      | /     | Pass    |
|                                    |                 |               | 25     | 16.83                 | 3.00       | 19.83      | /     | Pass    |
|                                    |                 |               | 49     | 16.79                 | 3.00       | 19.79      | /     | Pass    |
|                                    |                 | 25            | 0      | 15.99                 | 3.00       | 18.99      | /     | Pass    |
|                                    |                 |               | 13     | 16.09                 | 3.00       | 19.09      | /     | Pass    |
|                                    |                 |               | 25     | 16.07                 | 3.00       | 19.07      | /     | Pass    |
|                                    |                 | 50            | 0      | 16.07                 | 3.00       | 19.07      | /     | Pass    |
| 16QAM                              | 3555            | 1             | 0      | 16.55                 | 3.00       | 19.55      | /     | Pass    |
|                                    |                 |               | 25     | 16.41                 | 3.00       | 19.41      | /     | Pass    |
|                                    |                 |               | 49     | 16.43                 | 3.00       | 19.43      | /     | Pass    |
|                                    |                 | 25            | 0      | 15.35                 | 3.00       | 18.35      | /     | Pass    |
|                                    |                 |               | 13     | 15.33                 | 3.00       | 18.33      | /     | Pass    |
|                                    |                 |               | 25     | 15.32                 | 3.00       | 18.32      | /     | Pass    |
|                                    |                 | 50            | 0      | 15.31                 | 3.00       | 18.31      | /     | Pass    |
|                                    | 3625            | 1             | 0      | 16.37                 | 3.00       | 19.37      | /     | Pass    |
|                                    |                 |               | 25     | 16.60                 | 3.00       | 19.60      | /     | Pass    |
|                                    |                 |               | 49     | 16.49                 | 3.00       | 19.49      | /     | Pass    |
|                                    |                 | 25            | 0      | 15.14                 | 3.00       | 18.14      | /     | Pass    |
|                                    |                 |               | 13     | 15.22                 | 3.00       | 18.22      | /     | Pass    |
|                                    |                 |               | 25     | 15.26                 | 3.00       | 18.26      | /     | Pass    |
|                                    |                 | 50            | 0      | 15.20                 | 3.00       | 18.20      | /     | Pass    |
|                                    | 3695            | 1             | 0      | 16.43                 | 3.00       | 19.43      | /     | Pass    |
|                                    |                 |               | 25     | 16.41                 | 3.00       | 19.41      | /     | Pass    |
|                                    |                 |               | 49     | 16.34                 | 3.00       | 19.34      | /     | Pass    |
|                                    |                 | 25            | 0      | 15.07                 | 3.00       | 18.07      | /     | Pass    |
|                                    |                 |               | 13     | 15.17                 | 3.00       | 18.17      | /     | Pass    |
|                                    |                 |               | 25     | 15.08                 | 3.00       | 18.08      | /     | Pass    |
|                                    |                 | 50            | 0      | 15.10                 | 3.00       | 18.10      | /     | Pass    |
| 64QAM                              | 3555            | 1             | 0      | 16.48                 | 3.00       | 19.48      | /     | Pass    |
|                                    |                 |               | 25     | 16.31                 | 3.00       | 19.31      | /     | Pass    |
|                                    |                 |               | 49     | 16.34                 | 3.00       | 19.34      | /     | Pass    |
|                                    |                 | 25            | 0      | 15.35                 | 3.00       | 18.35      | /     | Pass    |
|                                    |                 |               | 13     | 15.32                 | 3.00       | 18.32      | /     | Pass    |
|                                    |                 |               | 25     | 15.27                 | 3.00       | 18.27      | /     | Pass    |
|                                    |                 | 50            | 0      | 15.27                 | 3.00       | 18.27      | /     | Pass    |
|                                    | 3625            | 1             | 0      | 16.14                 | 3.00       | 19.14      | /     | Pass    |
|                                    |                 |               | 25     | 16.31                 | 3.00       | 19.31      | /     | Pass    |

|        |      |    |    |       |      |       |   |      |
|--------|------|----|----|-------|------|-------|---|------|
| 256QAM | 3695 | 25 | 49 | 16.44 | 3.00 | 19.44 | / | Pass |
|        |      |    | 0  | 15.14 | 3.00 | 18.14 | / | Pass |
|        |      |    | 13 | 15.19 | 3.00 | 18.19 | / | Pass |
|        |      |    | 25 | 15.28 | 3.00 | 18.28 | / | Pass |
|        |      | 50 | 0  | 15.14 | 3.00 | 18.14 | / | Pass |
|        |      |    | 0  | 16.11 | 3.00 | 19.11 | / | Pass |
|        |      |    | 25 | 16.34 | 3.00 | 19.34 | / | Pass |
|        |      |    | 49 | 16.22 | 3.00 | 19.22 | / | Pass |
|        | 3625 | 25 | 0  | 15.03 | 3.00 | 18.03 | / | Pass |
|        |      |    | 13 | 15.20 | 3.00 | 18.20 | / | Pass |
|        |      |    | 25 | 15.11 | 3.00 | 18.11 | / | Pass |
|        |      |    | 0  | 15.10 | 3.00 | 18.10 | / | Pass |
|        |      | 50 | 0  | 12.36 | 3.00 | 15.36 | / | Pass |
|        |      |    | 25 | 12.51 | 3.00 | 15.51 | / | Pass |
|        |      |    | 49 | 12.36 | 3.00 | 15.36 | / | Pass |
|        |      |    | 0  | 12.34 | 3.00 | 15.34 | / | Pass |
| 256QAM | 3555 | 25 | 13 | 12.29 | 3.00 | 15.29 | / | Pass |
|        |      |    | 25 | 12.26 | 3.00 | 15.26 | / | Pass |
|        |      |    | 0  | 12.31 | 3.00 | 15.31 | / | Pass |
|        |      |    | 0  | 12.22 | 3.00 | 15.22 | / | Pass |
|        |      | 50 | 25 | 12.31 | 3.00 | 15.31 | / | Pass |
|        |      |    | 49 | 12.30 | 3.00 | 15.30 | / | Pass |
|        |      |    | 0  | 12.11 | 3.00 | 15.11 | / | Pass |
|        |      |    | 13 | 12.20 | 3.00 | 15.20 | / | Pass |
| 256QAM | 3625 | 25 | 25 | 12.25 | 3.00 | 15.25 | / | Pass |
|        |      |    | 0  | 12.14 | 3.00 | 15.14 | / | Pass |
|        |      |    | 0  | 12.10 | 3.00 | 15.10 | / | Pass |
|        |      |    | 25 | 12.27 | 3.00 | 15.27 | / | Pass |
|        |      | 50 | 49 | 12.17 | 3.00 | 15.17 | / | Pass |
|        |      |    | 0  | 12.00 | 3.00 | 15.00 | / | Pass |
|        |      |    | 13 | 12.10 | 3.00 | 15.10 | / | Pass |
|        |      |    | 25 | 12.11 | 3.00 | 15.11 | / | Pass |
| 256QAM | 3695 | 25 | 0  | 12.12 | 3.00 | 15.12 | / | Pass |
|        |      |    | 0  | 12.35 | 3.00 | 15.35 | / | Pass |
|        |      |    | 13 | 12.35 | 3.00 | 15.35 | / | Pass |
|        |      |    | 25 | 12.35 | 3.00 | 15.35 | / | Pass |
|        |      | 50 | 0  | 12.35 | 3.00 | 15.35 | / | Pass |
|        |      |    | 13 | 12.35 | 3.00 | 15.35 | / | Pass |
|        |      |    | 25 | 12.35 | 3.00 | 15.35 | / | Pass |
|        |      |    | 49 | 12.35 | 3.00 | 15.35 | / | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.4 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      | 17.35                       | 3.00       | 20.35                  | <=23  | Pass    |
|                                    |                 |               | 25     | 17.39                       | 3.00       | 20.39                  | <=23  | Pass    |
|                                    |                 |               | 49     | 17.26                       | 3.00       | 20.26                  | <=23  | Pass    |
|                                    |                 | 25            | 0      | 16.31                       | 3.00       | 19.31                  | <=23  | Pass    |
|                                    |                 |               | 13     | 16.39                       | 3.00       | 19.39                  | <=23  | Pass    |
|                                    |                 |               | 25     | 16.24                       | 3.00       | 19.24                  | <=23  | Pass    |
|                                    |                 | 50            | 0      | 16.30                       | 3.00       | 19.30                  | <=23  | Pass    |
|                                    |                 |               | 0      | 16.88                       | 3.00       | 19.88                  | <=23  | Pass    |
|                                    | 3625            | 1             | 25     | 17.00                       | 3.00       | 20.00                  | <=23  | Pass    |
|                                    |                 |               | 49     | 17.11                       | 3.00       | 20.11                  | <=23  | Pass    |
|                                    |                 |               | 0      | 15.84                       | 3.00       | 18.84                  | <=23  | Pass    |
|                                    |                 | 25            | 13     | 15.91                       | 3.00       | 18.91                  | <=23  | Pass    |
|                                    |                 |               | 25     | 16.02                       | 3.00       | 19.02                  | <=23  | Pass    |
|                                    |                 |               | 0      | 15.89                       | 3.00       | 18.89                  | <=23  | Pass    |
|                                    |                 | 50            | 0      | 15.89                       | 3.00       | 18.89                  | <=23  | Pass    |
|                                    |                 |               | 0      | 15.89                       | 3.00       | 18.89                  | <=23  | Pass    |

|        |      |    |    |       |      |       |      |      |
|--------|------|----|----|-------|------|-------|------|------|
|        | 3695 | 1  | 0  | 16.89 | 3.00 | 19.89 | <=23 | Pass |
|        |      |    | 25 | 17.06 | 3.00 | 20.06 | <=23 | Pass |
|        |      |    | 49 | 17.04 | 3.00 | 20.04 | <=23 | Pass |
|        |      | 25 | 0  | 15.95 | 3.00 | 18.95 | <=23 | Pass |
|        |      |    | 13 | 16.01 | 3.00 | 19.01 | <=23 | Pass |
|        |      |    | 25 | 16.06 | 3.00 | 19.06 | <=23 | Pass |
|        |      | 50 | 0  | 16.00 | 3.00 | 19.00 | <=23 | Pass |
| 16QAM  | 3555 | 1  | 0  | 16.59 | 3.00 | 19.59 | <=23 | Pass |
|        |      |    | 25 | 16.55 | 3.00 | 19.55 | <=23 | Pass |
|        |      |    | 49 | 16.48 | 3.00 | 19.48 | <=23 | Pass |
|        |      | 25 | 0  | 15.38 | 3.00 | 18.38 | <=23 | Pass |
|        |      |    | 13 | 15.37 | 3.00 | 18.37 | <=23 | Pass |
|        |      |    | 25 | 15.35 | 3.00 | 18.35 | <=23 | Pass |
|        |      | 50 | 0  | 15.36 | 3.00 | 18.36 | <=23 | Pass |
|        | 3625 | 1  | 0  | 16.12 | 3.00 | 19.12 | <=23 | Pass |
|        |      |    | 25 | 16.15 | 3.00 | 19.15 | <=23 | Pass |
|        |      |    | 49 | 16.41 | 3.00 | 19.41 | <=23 | Pass |
|        |      | 25 | 0  | 14.87 | 3.00 | 17.87 | <=23 | Pass |
|        |      |    | 13 | 14.95 | 3.00 | 17.95 | <=23 | Pass |
|        |      |    | 25 | 15.06 | 3.00 | 18.06 | <=23 | Pass |
|        |      | 50 | 0  | 14.94 | 3.00 | 17.94 | <=23 | Pass |
|        | 3695 | 1  | 0  | 16.34 | 3.00 | 19.34 | <=23 | Pass |
|        |      |    | 25 | 16.26 | 3.00 | 19.26 | <=23 | Pass |
|        |      |    | 49 | 16.28 | 3.00 | 19.28 | <=23 | Pass |
|        |      | 25 | 0  | 15.01 | 3.00 | 18.01 | <=23 | Pass |
|        |      |    | 13 | 15.09 | 3.00 | 18.09 | <=23 | Pass |
|        |      |    | 25 | 15.11 | 3.00 | 18.11 | <=23 | Pass |
|        |      | 50 | 0  | 15.08 | 3.00 | 18.08 | <=23 | Pass |
| 64QAM  | 3555 | 1  | 0  | 16.39 | 3.00 | 19.39 | <=23 | Pass |
|        |      |    | 25 | 16.42 | 3.00 | 19.42 | <=23 | Pass |
|        |      |    | 49 | 16.25 | 3.00 | 19.25 | <=23 | Pass |
|        |      | 25 | 0  | 15.40 | 3.00 | 18.40 | <=23 | Pass |
|        |      |    | 13 | 15.37 | 3.00 | 18.37 | <=23 | Pass |
|        |      |    | 25 | 15.33 | 3.00 | 18.33 | <=23 | Pass |
|        |      | 50 | 0  | 15.34 | 3.00 | 18.34 | <=23 | Pass |
|        | 3625 | 1  | 0  | 16.03 | 3.00 | 19.03 | <=23 | Pass |
|        |      |    | 25 | 16.07 | 3.00 | 19.07 | <=23 | Pass |
|        |      |    | 49 | 16.24 | 3.00 | 19.24 | <=23 | Pass |
|        |      | 25 | 0  | 14.92 | 3.00 | 17.92 | <=23 | Pass |
|        |      |    | 13 | 15.01 | 3.00 | 18.01 | <=23 | Pass |
|        |      |    | 25 | 15.12 | 3.00 | 18.12 | <=23 | Pass |
|        |      | 50 | 0  | 14.97 | 3.00 | 17.97 | <=23 | Pass |
|        | 3695 | 1  | 0  | 16.08 | 3.00 | 19.08 | <=23 | Pass |
|        |      |    | 25 | 16.13 | 3.00 | 19.13 | <=23 | Pass |
|        |      |    | 49 | 16.17 | 3.00 | 19.17 | <=23 | Pass |
|        |      | 25 | 0  | 14.99 | 3.00 | 17.99 | <=23 | Pass |
|        |      |    | 13 | 15.10 | 3.00 | 18.10 | <=23 | Pass |
|        |      |    | 25 | 15.11 | 3.00 | 18.11 | <=23 | Pass |
|        |      | 50 | 0  | 15.06 | 3.00 | 18.06 | <=23 | Pass |
| 256QAM | 3555 | 1  | 0  | 12.36 | 3.00 | 15.36 | <=23 | Pass |
|        |      |    | 25 | 12.46 | 3.00 | 15.46 | <=23 | Pass |
|        |      |    | 49 | 12.34 | 3.00 | 15.34 | <=23 | Pass |
|        |      | 25 | 0  | 12.42 | 3.00 | 15.42 | <=23 | Pass |
|        |      |    | 13 | 12.39 | 3.00 | 15.39 | <=23 | Pass |
|        |      |    | 25 | 12.30 | 3.00 | 15.30 | <=23 | Pass |
|        |      | 50 | 0  | 12.33 | 3.00 | 15.33 | <=23 | Pass |

|  |      |    |    |       |      |       |      |      |
|--|------|----|----|-------|------|-------|------|------|
|  | 3625 | 1  | 0  | 11.88 | 3.00 | 14.88 | <=23 | Pass |
|  |      |    | 25 | 12.04 | 3.00 | 15.04 | <=23 | Pass |
|  |      |    | 49 | 12.17 | 3.00 | 15.17 | <=23 | Pass |
|  |      | 25 | 0  | 11.91 | 3.00 | 14.91 | <=23 | Pass |
|  |      |    | 13 | 12.01 | 3.00 | 15.01 | <=23 | Pass |
|  |      |    | 25 | 12.12 | 3.00 | 15.12 | <=23 | Pass |
|  | 3695 | 50 | 0  | 11.97 | 3.00 | 14.97 | <=23 | Pass |
|  |      |    | 0  | 11.98 | 3.00 | 14.98 | <=23 | Pass |
|  |      |    | 25 | 12.08 | 3.00 | 15.08 | <=23 | Pass |
|  |      | 1  | 49 | 12.17 | 3.00 | 15.17 | <=23 | Pass |
|  |      |    | 0  | 11.97 | 3.00 | 14.97 | <=23 | Pass |
|  |      |    | 13 | 12.11 | 3.00 | 15.11 | <=23 | Pass |
|  |      | 25 | 25 | 12.08 | 3.00 | 15.08 | <=23 | Pass |
|  |      |    | 0  | 12.06 | 3.00 | 15.06 | <=23 | Pass |
|  |      |    | 0  | 12.06 | 3.00 | 15.06 | <=23 | Pass |

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

### 1.1.5 B48\_15MHz\_EIRP

| Band: 48 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 3557.5          | 1             | 0      | 17.17                 | 3.00       | 20.17      | /     | Pass    |
|                                    |                 |               | 38     | 17.11                 | 3.00       | 20.11      | /     | Pass    |
|                                    |                 |               | 74     | 17.13                 | 3.00       | 20.13      | /     | Pass    |
|                                    |                 | 36            | 0      | 16.08                 | 3.00       | 19.08      | /     | Pass    |
|                                    |                 |               | 18     | 16.11                 | 3.00       | 19.11      | /     | Pass    |
|                                    |                 |               | 39     | 16.14                 | 3.00       | 19.14      | /     | Pass    |
|                                    |                 | 75            | 0      | 16.14                 | 3.00       | 19.14      | /     | Pass    |
|                                    | 3625            | 1             | 0      | 17.04                 | 3.00       | 20.04      | /     | Pass    |
|                                    |                 |               | 38     | 17.11                 | 3.00       | 20.11      | /     | Pass    |
|                                    |                 |               | 74     | 17.19                 | 3.00       | 20.19      | /     | Pass    |
|                                    |                 | 36            | 0      | 16.01                 | 3.00       | 19.01      | /     | Pass    |
|                                    |                 |               | 18     | 16.01                 | 3.00       | 19.01      | /     | Pass    |
|                                    |                 |               | 39     | 16.12                 | 3.00       | 19.12      | /     | Pass    |
|                                    |                 | 75            | 0      | 16.04                 | 3.00       | 19.04      | /     | Pass    |
|                                    | 3692.5          | 1             | 0      | 16.93                 | 3.00       | 19.93      | /     | Pass    |
|                                    |                 |               | 38     | 17.05                 | 3.00       | 20.05      | /     | Pass    |
|                                    |                 |               | 74     | 17.03                 | 3.00       | 20.03      | /     | Pass    |
|                                    |                 | 36            | 0      | 15.91                 | 3.00       | 18.91      | /     | Pass    |
|                                    |                 |               | 18     | 15.92                 | 3.00       | 18.92      | /     | Pass    |
|                                    |                 |               | 39     | 16.03                 | 3.00       | 19.03      | /     | Pass    |
|                                    |                 | 75            | 0      | 15.90                 | 3.00       | 18.90      | /     | Pass    |
| 16QAM                              | 3557.5          | 1             | 0      | 16.47                 | 3.00       | 19.47      | /     | Pass    |
|                                    |                 |               | 38     | 16.34                 | 3.00       | 19.34      | /     | Pass    |
|                                    |                 |               | 74     | 16.23                 | 3.00       | 19.23      | /     | Pass    |
|                                    |                 | 36            | 0      | 15.17                 | 3.00       | 18.17      | /     | Pass    |
|                                    |                 |               | 18     | 15.22                 | 3.00       | 18.22      | /     | Pass    |
|                                    |                 |               | 39     | 15.19                 | 3.00       | 18.19      | /     | Pass    |
|                                    |                 | 75            | 0      | 15.14                 | 3.00       | 18.14      | /     | Pass    |
|                                    | 3625            | 1             | 0      | 16.29                 | 3.00       | 19.29      | /     | Pass    |
|                                    |                 |               | 38     | 16.33                 | 3.00       | 19.33      | /     | Pass    |
|                                    |                 |               | 74     | 16.43                 | 3.00       | 19.43      | /     | Pass    |
|                                    |                 | 36            | 0      | 15.04                 | 3.00       | 18.04      | /     | Pass    |
|                                    |                 |               | 18     | 15.11                 | 3.00       | 18.11      | /     | Pass    |

|                                          |        |       |       |       |       |       |      |      |
|------------------------------------------|--------|-------|-------|-------|-------|-------|------|------|
|                                          |        |       | 39    | 15.19 | 3.00  | 18.19 | /    | Pass |
|                                          |        | 75    | 0     | 15.05 | 3.00  | 18.05 | /    | Pass |
|                                          | 3692.5 | 1     | 0     | 16.12 | 3.00  | 19.12 | /    | Pass |
|                                          |        |       | 38    | 16.31 | 3.00  | 19.31 | /    | Pass |
|                                          |        |       | 74    | 16.32 | 3.00  | 19.32 | /    | Pass |
|                                          |        |       | 0     | 14.94 | 3.00  | 17.94 | /    | Pass |
|                                          |        | 36    | 18    | 14.95 | 3.00  | 17.95 | /    | Pass |
|                                          |        |       | 39    | 15.04 | 3.00  | 18.04 | /    | Pass |
| 75                                       |        |       | 0     | 14.96 | 3.00  | 17.96 | /    | Pass |
| 64QAM                                    | 3557.5 | 1     | 0     | 16.20 | 3.00  | 19.20 | /    | Pass |
|                                          |        |       | 38    | 16.18 | 3.00  | 19.18 | /    | Pass |
|                                          |        |       | 74    | 16.11 | 3.00  | 19.11 | /    | Pass |
|                                          |        | 36    | 0     | 15.11 | 3.00  | 18.11 | /    | Pass |
|                                          |        |       | 18    | 15.13 | 3.00  | 18.13 | /    | Pass |
|                                          |        |       | 39    | 15.18 | 3.00  | 18.18 | /    | Pass |
|                                          |        | 75    | 0     | 15.16 | 3.00  | 18.16 | /    | Pass |
|                                          | 3625   | 1     | 0     | 16.08 | 3.00  | 19.08 | /    | Pass |
|                                          |        |       | 38    | 16.02 | 3.00  | 19.02 | /    | Pass |
|                                          |        |       | 74    | 16.15 | 3.00  | 19.15 | /    | Pass |
|                                          |        | 36    | 0     | 15.05 | 3.00  | 18.05 | /    | Pass |
|                                          |        |       | 18    | 15.08 | 3.00  | 18.08 | /    | Pass |
|                                          |        |       | 39    | 15.18 | 3.00  | 18.18 | /    | Pass |
|                                          | 75     | 0     | 15.08 | 3.00  | 18.08 | /     | Pass |      |
|                                          | 3692.5 | 1     | 0     | 15.99 | 3.00  | 18.99 | /    | Pass |
|                                          |        |       | 38    | 16.13 | 3.00  | 19.13 | /    | Pass |
|                                          |        |       | 74    | 15.82 | 3.00  | 18.82 | /    | Pass |
|                                          |        | 36    | 0     | 14.94 | 3.00  | 17.94 | /    | Pass |
|                                          |        |       | 18    | 14.98 | 3.00  | 17.98 | /    | Pass |
|                                          |        |       | 39    | 15.03 | 3.00  | 18.03 | /    | Pass |
| 75                                       |        |       | 0     | 14.93 | 3.00  | 17.93 | /    | Pass |
| 256QAM                                   | 3557.5 | 1     | 0     | 12.23 | 3.00  | 15.23 | /    | Pass |
|                                          |        |       | 38    | 12.16 | 3.00  | 15.16 | /    | Pass |
|                                          |        |       | 74    | 12.39 | 3.00  | 15.39 | /    | Pass |
|                                          |        | 36    | 0     | 12.10 | 3.00  | 15.10 | /    | Pass |
|                                          |        |       | 18    | 12.18 | 3.00  | 15.18 | /    | Pass |
|                                          |        |       | 39    | 12.16 | 3.00  | 15.16 | /    | Pass |
|                                          | 75     | 0     | 12.17 | 3.00  | 15.17 | /     | Pass |      |
|                                          | 3625   | 1     | 0     | 12.11 | 3.00  | 15.11 | /    | Pass |
|                                          |        |       | 38    | 12.18 | 3.00  | 15.18 | /    | Pass |
|                                          |        |       | 74    | 12.32 | 3.00  | 15.32 | /    | Pass |
|                                          |        | 36    | 0     | 12.10 | 3.00  | 15.10 | /    | Pass |
|                                          |        |       | 18    | 12.10 | 3.00  | 15.10 | /    | Pass |
|                                          | 39     | 12.20 | 3.00  | 15.20 | /     | Pass  |      |      |
|                                          | 75     | 0     | 12.08 | 3.00  | 15.08 | /     | Pass |      |
|                                          | 3692.5 | 1     | 0     | 11.91 | 3.00  | 14.91 | /    | Pass |
|                                          |        |       | 38    | 12.21 | 3.00  | 15.21 | /    | Pass |
|                                          |        |       | 74    | 12.17 | 3.00  | 15.17 | /    | Pass |
| 36                                       |        | 0     | 11.96 | 3.00  | 14.96 | /     | Pass |      |
|                                          |        | 18    | 12.02 | 3.00  | 15.02 | /     | Pass |      |
|                                          |        | 39    | 12.01 | 3.00  | 15.01 | /     | Pass |      |
| 75                                       | 0      | 11.95 | 3.00  | 14.95 | /     | Pass  |      |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |       |       |       |       |       |      |      |

Note1: EIRP=Conducted Power+Antenna Gain

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

| Band: 48 / Bandwidth: 15MHz / NTNV |                 |               |        |                             |            |                        |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------------|------------|------------------------|-------|---------|
| 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      | 17.14                       | 3.00       | 20.14                  | <=23  | Pass    |
|                                    |                 |               | 38     | 17.11                       | 3.00       | 20.11                  | <=23  | Pass    |
|                                    |                 |               | 74     | 16.93                       | 3.00       | 19.93                  | <=23  | Pass    |
|                                    |                 | 36            | 0      | 16.16                       | 3.00       | 19.16                  | <=23  | Pass    |
|                                    |                 |               | 18     | 16.19                       | 3.00       | 19.19                  | <=23  | Pass    |
|                                    |                 |               | 39     | 16.10                       | 3.00       | 19.10                  | <=23  | Pass    |
|                                    |                 | 75            | 0      | 14.93                       | 3.00       | 17.93                  | <=23  | Pass    |
|                                    | 3625            | 1             | 0      | 16.76                       | 3.00       | 19.76                  | <=23  | Pass    |
|                                    |                 |               | 38     | 16.87                       | 3.00       | 19.87                  | <=23  | Pass    |
|                                    |                 |               | 74     | 16.96                       | 3.00       | 19.96                  | <=23  | Pass    |
|                                    |                 | 36            | 0      | 15.75                       | 3.00       | 18.75                  | <=23  | Pass    |
|                                    |                 |               | 18     | 15.78                       | 3.00       | 18.78                  | <=23  | Pass    |
|                                    |                 |               | 39     | 15.98                       | 3.00       | 18.98                  | <=23  | Pass    |
|                                    |                 | 75            | 0      | 14.51                       | 3.00       | 17.51                  | <=23  | Pass    |
|                                    | 3692.5          | 1             | 0      | 16.70                       | 3.00       | 19.70                  | <=23  | Pass    |
|                                    |                 |               | 38     | 16.87                       | 3.00       | 19.87                  | <=23  | Pass    |
|                                    |                 |               | 74     | 16.91                       | 3.00       | 19.91                  | <=23  | Pass    |
|                                    |                 | 36            | 0      | 15.80                       | 3.00       | 18.80                  | <=23  | Pass    |
|                                    |                 |               | 18     | 15.83                       | 3.00       | 18.83                  | <=23  | Pass    |
|                                    |                 |               | 39     | 15.92                       | 3.00       | 18.92                  | <=23  | Pass    |
|                                    |                 | 75            | 0      | 14.55                       | 3.00       | 17.55                  | <=23  | Pass    |
| 16QAM                              | 3557.5          | 1             | 0      | 16.50                       | 3.00       | 19.50                  | <=23  | Pass    |
|                                    |                 |               | 38     | 16.31                       | 3.00       | 19.31                  | <=23  | Pass    |
|                                    |                 |               | 74     | 16.02                       | 3.00       | 19.02                  | <=23  | Pass    |
|                                    |                 | 36            | 0      | 15.23                       | 3.00       | 18.23                  | <=23  | Pass    |
|                                    |                 |               | 18     | 15.24                       | 3.00       | 18.24                  | <=23  | Pass    |
|                                    |                 |               | 39     | 15.16                       | 3.00       | 18.16                  | <=23  | Pass    |
|                                    |                 | 75            | 0      | 13.95                       | 3.00       | 16.95                  | <=23  | Pass    |
|                                    | 3625            | 1             | 0      | 15.93                       | 3.00       | 18.93                  | <=23  | Pass    |
|                                    |                 |               | 38     | 16.09                       | 3.00       | 19.09                  | <=23  | Pass    |
|                                    |                 |               | 74     | 16.22                       | 3.00       | 19.22                  | <=23  | Pass    |
|                                    |                 | 36            | 0      | 14.80                       | 3.00       | 17.80                  | <=23  | Pass    |
|                                    |                 |               | 18     | 14.85                       | 3.00       | 17.85                  | <=23  | Pass    |
|                                    |                 |               | 39     | 15.04                       | 3.00       | 18.04                  | <=23  | Pass    |
|                                    |                 | 75            | 0      | 13.57                       | 3.00       | 16.57                  | <=23  | Pass    |
|                                    | 3692.5          | 1             | 0      | 16.03                       | 3.00       | 19.03                  | <=23  | Pass    |
|                                    |                 |               | 38     | 16.15                       | 3.00       | 19.15                  | <=23  | Pass    |
|                                    |                 |               | 74     | 16.06                       | 3.00       | 19.06                  | <=23  | Pass    |
|                                    |                 | 36            | 0      | 14.85                       | 3.00       | 17.85                  | <=23  | Pass    |
|                                    |                 |               | 18     | 14.88                       | 3.00       | 17.88                  | <=23  | Pass    |
|                                    |                 |               | 39     | 14.98                       | 3.00       | 17.98                  | <=23  | Pass    |
|                                    |                 | 75            | 0      | 13.59                       | 3.00       | 16.59                  | <=23  | Pass    |
| 64QAM                              | 3557.5          | 1             | 0      | 16.23                       | 3.00       | 19.23                  | <=23  | Pass    |
|                                    |                 |               | 38     | 16.09                       | 3.00       | 19.09                  | <=23  | Pass    |
|                                    |                 |               | 74     | 16.01                       | 3.00       | 19.01                  | <=23  | Pass    |
|                                    |                 | 36            | 0      | 15.22                       | 3.00       | 18.22                  | <=23  | Pass    |
|                                    |                 |               | 18     | 15.25                       | 3.00       | 18.25                  | <=23  | Pass    |
|                                    |                 |               | 39     | 15.16                       | 3.00       | 18.16                  | <=23  | Pass    |
|                                    |                 | 75            | 0      | 13.94                       | 3.00       | 16.94                  | <=23  | Pass    |
|                                    | 3625            | 1             | 0      | 15.79                       | 3.00       | 18.79                  | <=23  | Pass    |
|                                    |                 |               | 38     | 15.85                       | 3.00       | 18.85                  | <=23  | Pass    |
|                                    |                 |               | 74     | 16.04                       | 3.00       | 19.04                  | <=23  | Pass    |
|                                    |                 | 36            | 0      | 14.80                       | 3.00       | 17.80                  | <=23  | Pass    |

|                                                |        |    |       |       |       |       |      |      |
|------------------------------------------------|--------|----|-------|-------|-------|-------|------|------|
|                                                |        |    | 18    | 14.84 | 3.00  | 17.84 | <=23 | Pass |
|                                                |        |    | 39    | 15.02 | 3.00  | 18.02 | <=23 | Pass |
|                                                |        | 75 | 0     | 13.59 | 3.00  | 16.59 | <=23 | Pass |
|                                                | 3692.5 | 1  | 0     | 15.82 | 3.00  | 18.82 | <=23 | Pass |
|                                                |        |    | 38    | 15.86 | 3.00  | 18.86 | <=23 | Pass |
|                                                |        |    | 74    | 16.02 | 3.00  | 19.02 | <=23 | Pass |
|                                                |        | 36 | 0     | 14.85 | 3.00  | 17.85 | <=23 | Pass |
|                                                |        |    | 18    | 14.86 | 3.00  | 17.86 | <=23 | Pass |
|                                                |        |    | 39    | 15.00 | 3.00  | 18.00 | <=23 | Pass |
|                                                |        | 75 | 0     | 13.55 | 3.00  | 16.55 | <=23 | Pass |
| 256QAM                                         | 3557.5 | 1  | 0     | 12.23 | 3.00  | 15.23 | <=23 | Pass |
|                                                |        |    | 38    | 12.23 | 3.00  | 15.23 | <=23 | Pass |
|                                                |        |    | 74    | 12.08 | 3.00  | 15.08 | <=23 | Pass |
|                                                |        | 36 | 0     | 12.22 | 3.00  | 15.22 | <=23 | Pass |
|                                                |        |    | 18    | 12.23 | 3.00  | 15.23 | <=23 | Pass |
|                                                |        |    | 39    | 12.17 | 3.00  | 15.17 | <=23 | Pass |
|                                                |        | 75 | 0     | 10.96 | 3.00  | 13.96 | <=23 | Pass |
|                                                | 3625   | 1  | 0     | 11.80 | 3.00  | 14.80 | <=23 | Pass |
|                                                |        |    | 38    | 12.05 | 3.00  | 15.05 | <=23 | Pass |
|                                                |        |    | 74    | 12.12 | 3.00  | 15.12 | <=23 | Pass |
|                                                |        | 36 | 0     | 11.83 | 3.00  | 14.83 | <=23 | Pass |
|                                                |        |    | 18    | 11.85 | 3.00  | 14.85 | <=23 | Pass |
|                                                |        |    | 39    | 12.08 | 3.00  | 15.08 | <=23 | Pass |
|                                                |        | 75 | 0     | 10.60 | 3.00  | 13.60 | <=23 | Pass |
|                                                | 3692.5 | 1  | 0     | 11.88 | 3.00  | 14.88 | <=23 | Pass |
|                                                |        |    | 38    | 11.88 | 3.00  | 14.88 | <=23 | Pass |
|                                                |        |    | 74    | 12.12 | 3.00  | 15.12 | <=23 | Pass |
|                                                |        | 36 | 0     | 11.87 | 3.00  | 14.87 | <=23 | Pass |
|                                                |        |    | 18    | 11.87 | 3.00  | 14.87 | <=23 | Pass |
|                                                |        |    | 39    | 11.98 | 3.00  | 14.98 | <=23 | Pass |
| 75                                             |        | 0  | 10.58 | 3.00  | 13.58 | <=23  | Pass |      |
| Note1: EIRP/10MHz=Conducted Power+Antenna Gain |        |    |       |       |       |       |      |      |

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

### 1.1.7 B48\_20MHz\_EIRP

| Band: 48 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 3560            | 1             | 0      | 17.25                 | 3.00       | 20.25      | /     | Pass    |
|                                    |                 |               | 50     | 17.18                 | 3.00       | 20.18      | /     | Pass    |
|                                    |                 |               | 99     | 17.19                 | 3.00       | 20.19      | /     | Pass    |
|                                    |                 | 50            | 0      | 16.05                 | 3.00       | 19.05      | /     | Pass    |
|                                    |                 |               | 25     | 16.15                 | 3.00       | 19.15      | /     | Pass    |
|                                    |                 |               | 50     | 16.16                 | 3.00       | 19.16      | /     | Pass    |
|                                    |                 | 100           | 0      | 16.17                 | 3.00       | 19.17      | /     | Pass    |
|                                    | 3625            | 1             | 0      | 17.07                 | 3.00       | 20.07      | /     | Pass    |
|                                    |                 |               | 50     | 17.15                 | 3.00       | 20.15      | /     | Pass    |
|                                    |                 |               | 99     | 17.17                 | 3.00       | 20.17      | /     | Pass    |
|                                    |                 | 50            | 0      | 15.98                 | 3.00       | 18.98      | /     | Pass    |
|                                    |                 |               | 25     | 16.06                 | 3.00       | 19.06      | /     | Pass    |
|                                    |                 |               | 50     | 16.14                 | 3.00       | 19.14      | /     | Pass    |
|                                    |                 | 100           | 0      | 16.05                 | 3.00       | 19.05      | /     | Pass    |
|                                    | 3690            | 1             | 0      | 16.92                 | 3.00       | 19.92      | /     | Pass    |
|                                    |                 |               | 50     | 16.98                 | 3.00       | 19.98      | /     | Pass    |

|        |      |     |    |       |      |       |   |      |
|--------|------|-----|----|-------|------|-------|---|------|
| 16QAM  | 3560 | 50  | 99 | 16.96 | 3.00 | 19.96 | / | Pass |
|        |      |     | 0  | 15.90 | 3.00 | 18.90 | / | Pass |
|        |      |     | 25 | 16.01 | 3.00 | 19.01 | / | Pass |
|        |      | 100 | 50 | 16.00 | 3.00 | 19.00 | / | Pass |
|        |      |     | 0  | 16.04 | 3.00 | 19.04 | / | Pass |
|        |      |     | 0  | 16.38 | 3.00 | 19.38 | / | Pass |
|        | 3625 | 1   | 50 | 16.39 | 3.00 | 19.39 | / | Pass |
|        |      |     | 99 | 16.54 | 3.00 | 19.54 | / | Pass |
|        |      |     | 0  | 15.12 | 3.00 | 18.12 | / | Pass |
|        |      | 50  | 25 | 15.20 | 3.00 | 18.20 | / | Pass |
|        |      |     | 50 | 15.19 | 3.00 | 18.19 | / | Pass |
|        |      |     | 0  | 15.22 | 3.00 | 18.22 | / | Pass |
| 16QAM  | 3625 | 1   | 0  | 16.21 | 3.00 | 19.21 | / | Pass |
|        |      |     | 50 | 16.38 | 3.00 | 19.38 | / | Pass |
|        |      |     | 99 | 16.43 | 3.00 | 19.43 | / | Pass |
|        |      | 50  | 0  | 15.04 | 3.00 | 18.04 | / | Pass |
|        |      |     | 25 | 15.12 | 3.00 | 18.12 | / | Pass |
|        |      |     | 50 | 15.18 | 3.00 | 18.18 | / | Pass |
|        | 3690 | 1   | 0  | 15.09 | 3.00 | 18.09 | / | Pass |
|        |      |     | 0  | 16.17 | 3.00 | 19.17 | / | Pass |
|        |      |     | 50 | 16.27 | 3.00 | 19.27 | / | Pass |
|        |      | 50  | 99 | 16.16 | 3.00 | 19.16 | / | Pass |
|        |      |     | 0  | 14.93 | 3.00 | 17.93 | / | Pass |
|        |      |     | 25 | 15.05 | 3.00 | 18.05 | / | Pass |
| 64QAM  | 3560 | 1   | 50 | 15.07 | 3.00 | 18.07 | / | Pass |
|        |      |     | 0  | 15.02 | 3.00 | 18.02 | / | Pass |
|        |      |     | 0  | 16.18 | 3.00 | 19.18 | / | Pass |
|        |      | 50  | 50 | 16.09 | 3.00 | 19.09 | / | Pass |
|        |      |     | 99 | 16.12 | 3.00 | 19.12 | / | Pass |
|        |      |     | 0  | 15.10 | 3.00 | 18.10 | / | Pass |
| 64QAM  | 3625 | 1   | 25 | 15.21 | 3.00 | 18.21 | / | Pass |
|        |      |     | 50 | 15.22 | 3.00 | 18.22 | / | Pass |
|        |      |     | 0  | 15.22 | 3.00 | 18.22 | / | Pass |
|        |      | 50  | 0  | 16.04 | 3.00 | 19.04 | / | Pass |
|        |      |     | 50 | 16.14 | 3.00 | 19.14 | / | Pass |
|        |      |     | 99 | 16.15 | 3.00 | 19.15 | / | Pass |
| 256QAM | 3560 | 1   | 0  | 15.07 | 3.00 | 18.07 | / | Pass |
|        |      |     | 25 | 15.12 | 3.00 | 18.12 | / | Pass |
|        |      |     | 50 | 15.16 | 3.00 | 18.16 | / | Pass |
|        |      | 50  | 0  | 15.08 | 3.00 | 18.08 | / | Pass |
|        |      |     | 0  | 15.89 | 3.00 | 18.89 | / | Pass |
|        |      |     | 50 | 16.32 | 3.00 | 19.32 | / | Pass |
| 256QAM | 3625 | 1   | 99 | 16.05 | 3.00 | 19.05 | / | Pass |
|        |      |     | 0  | 14.96 | 3.00 | 17.96 | / | Pass |
|        |      |     | 25 | 15.01 | 3.00 | 18.01 | / | Pass |
|        |      | 50  | 50 | 15.03 | 3.00 | 18.03 | / | Pass |
|        |      |     | 0  | 15.02 | 3.00 | 18.02 | / | Pass |
|        |      |     | 0  | 12.20 | 3.00 | 15.20 | / | Pass |
| 256QAM | 3560 | 1   | 50 | 12.28 | 3.00 | 15.28 | / | Pass |
|        |      |     | 99 | 12.49 | 3.00 | 15.49 | / | Pass |
|        |      |     | 0  | 12.13 | 3.00 | 15.13 | / | Pass |
|        |      | 50  | 25 | 12.21 | 3.00 | 15.21 | / | Pass |
|        |      |     | 50 | 12.18 | 3.00 | 15.18 | / | Pass |
|        |      |     | 0  | 12.21 | 3.00 | 15.21 | / | Pass |
| 256QAM | 3625 | 1   | 0  | 12.14 | 3.00 | 15.14 | / | Pass |
|        |      |     | 50 | 12.33 | 3.00 | 15.33 | / | Pass |
|        |      |     | 0  | 12.20 | 3.00 | 15.20 | / | Pass |
|        |      | 50  | 50 | 12.28 | 3.00 | 15.28 | / | Pass |
|        |      |     | 99 | 12.49 | 3.00 | 15.49 | / | Pass |
|        |      |     | 0  | 12.13 | 3.00 | 15.13 | / | Pass |

|  |      |     |    |       |      |       |   |      |
|--|------|-----|----|-------|------|-------|---|------|
|  |      | 50  | 99 | 12.29 | 3.00 | 15.29 | / | Pass |
|  |      |     | 0  | 12.05 | 3.00 | 15.05 | / | Pass |
|  |      |     | 25 | 12.09 | 3.00 | 15.09 | / | Pass |
|  |      |     | 50 | 12.18 | 3.00 | 15.18 | / | Pass |
|  | 3690 | 100 | 0  | 12.09 | 3.00 | 15.09 | / | Pass |
|  |      |     | 0  | 12.15 | 3.00 | 15.15 | / | Pass |
|  |      |     | 50 | 12.15 | 3.00 | 15.15 | / | Pass |
|  |      | 1   | 99 | 12.15 | 3.00 | 15.15 | / | Pass |
|  |      |     | 0  | 11.97 | 3.00 | 14.97 | / | Pass |
|  |      |     | 25 | 12.06 | 3.00 | 15.06 | / | Pass |
|  |      | 50  | 50 | 12.07 | 3.00 | 15.07 | / | Pass |
|  |      |     | 0  | 12.08 | 3.00 | 15.08 | / | Pass |
|  |      |     |    |       |      |       |   |      |
|  |      |     |    |       |      |       |   |      |
|  |      |     |    |       |      |       |   |      |
|  |      |     |    |       |      |       |   |      |
|  |      |     |    |       |      |       |   |      |
|  |      |     |    |       |      |       |   |      |

Note1: EIRP=Conducted Power+Antenna Gain

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

| Band: 48 / Bandwidth: 20MHz / NTVN |                 |               |        |                             |            |                        |       |         |      |      |
|------------------------------------|-----------------|---------------|--------|-----------------------------|------------|------------------------|-------|---------|------|------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) |       | Verdict |      |      |
|                                    |                 | Size          | Offset |                             |            | Result                 | Limit |         |      |      |
| QPSK                               | 3560            | 1             | 0      | 17.15                       | 3.00       | 20.15                  | <=23  | Pass    |      |      |
|                                    |                 |               | 50     | 17.27                       | 3.00       | 20.27                  | <=23  | Pass    |      |      |
|                                    |                 |               | 99     | 16.80                       | 3.00       | 19.80                  | <=23  | Pass    |      |      |
|                                    |                 | 50            | 0      | 16.15                       | 3.00       | 19.15                  | <=23  | Pass    |      |      |
|                                    |                 |               | 25     | 16.18                       | 3.00       | 19.18                  | <=23  | Pass    |      |      |
|                                    |                 |               | 50     | 16.07                       | 3.00       | 19.07                  | <=23  | Pass    |      |      |
|                                    |                 | 100           | 0      | 13.70                       | 3.00       | 16.70                  | <=23  | Pass    |      |      |
|                                    |                 | 3625          | 1      | 0                           | 16.80      | 3.00                   | 19.80 | <=23    | Pass |      |
|                                    |                 |               |        | 50                          | 16.89      | 3.00                   | 19.89 | <=23    | Pass |      |
|                                    | 99              |               |        | 17.08                       | 3.00       | 20.08                  | <=23  | Pass    |      |      |
|                                    | 50              |               | 0      | 15.74                       | 3.00       | 18.74                  | <=23  | Pass    |      |      |
|                                    |                 |               | 25     | 15.80                       | 3.00       | 18.80                  | <=23  | Pass    |      |      |
|                                    |                 |               | 50     | 15.96                       | 3.00       | 18.96                  | <=23  | Pass    |      |      |
|                                    | 100             |               | 0      | 13.30                       | 3.00       | 16.30                  | <=23  | Pass    |      |      |
|                                    | 3690            |               | 1      | 0                           | 16.94      | 3.00                   | 19.94 | <=23    | Pass |      |
|                                    |                 |               |        | 50                          | 16.85      | 3.00                   | 19.85 | <=23    | Pass |      |
|                                    |                 | 99            |        | 16.85                       | 3.00       | 19.85                  | <=23  | Pass    |      |      |
|                                    |                 | 50            | 0      | 15.80                       | 3.00       | 18.80                  | <=23  | Pass    |      |      |
|                                    |                 |               | 25     | 15.85                       | 3.00       | 18.85                  | <=23  | Pass    |      |      |
|                                    |                 |               | 50     | 15.89                       | 3.00       | 18.89                  | <=23  | Pass    |      |      |
|                                    |                 | 100           | 0      | 13.36                       | 3.00       | 16.36                  | <=23  | Pass    |      |      |
|                                    |                 | 16QAM         | 3560   | 1                           | 0          | 16.77                  | 3.00  | 19.77   | <=23 | Pass |
|                                    |                 |               |        |                             | 50         | 16.28                  | 3.00  | 19.28   | <=23 | Pass |
|                                    | 99              |               |        |                             | 16.00      | 3.00                   | 19.00 | <=23    | Pass |      |
| 50                                 | 0               |               |        | 15.19                       | 3.00       | 18.19                  | <=23  | Pass    |      |      |
|                                    | 25              |               |        | 15.22                       | 3.00       | 18.22                  | <=23  | Pass    |      |      |
|                                    | 50              |               |        | 15.07                       | 3.00       | 18.07                  | <=23  | Pass    |      |      |
| 100                                | 0               |               |        | 12.71                       | 3.00       | 15.71                  | <=23  | Pass    |      |      |
| 3625                               | 1               |               | 0      | 16.00                       | 3.00       | 19.00                  | <=23  | Pass    |      |      |
|                                    |                 |               | 50     | 16.08                       | 3.00       | 19.08                  | <=23  | Pass    |      |      |
|                                    |                 |               | 99     | 16.26                       | 3.00       | 19.26                  | <=23  | Pass    |      |      |
|                                    | 50              |               | 0      | 14.75                       | 3.00       | 17.75                  | <=23  | Pass    |      |      |
|                                    |                 |               | 25     | 14.85                       | 3.00       | 17.85                  | <=23  | Pass    |      |      |
|                                    |                 |               | 50     | 15.04                       | 3.00       | 18.04                  | <=23  | Pass    |      |      |
|                                    | 100             |               | 0      | 12.40                       | 3.00       | 15.40                  | <=23  | Pass    |      |      |

|                                                |       |       |      |       |       |       |       |       |      |      |
|------------------------------------------------|-------|-------|------|-------|-------|-------|-------|-------|------|------|
|                                                | 3690  | 1     | 0    | 16.10 | 3.00  | 19.10 | <=23  | Pass  |      |      |
|                                                |       |       | 50   | 16.20 | 3.00  | 19.20 | <=23  | Pass  |      |      |
|                                                |       |       | 99   | 16.10 | 3.00  | 19.10 | <=23  | Pass  |      |      |
|                                                |       | 50    | 0    | 14.84 | 3.00  | 17.84 | <=23  | Pass  |      |      |
|                                                |       |       | 25   | 14.91 | 3.00  | 17.91 | <=23  | Pass  |      |      |
|                                                |       |       | 50   | 14.90 | 3.00  | 17.90 | <=23  | Pass  |      |      |
|                                                |       | 100   | 0    | 12.38 | 3.00  | 15.38 | <=23  | Pass  |      |      |
|                                                |       | 64QAM | 3560 | 1     | 0     | 16.34 | 3.00  | 19.34 | <=23 | Pass |
|                                                |       |       |      |       | 50    | 16.66 | 3.00  | 19.66 | <=23 | Pass |
| 99                                             | 15.91 |       |      |       | 3.00  | 18.91 | <=23  | Pass  |      |      |
| 50                                             | 0     |       |      | 15.21 | 3.00  | 18.21 | <=23  | Pass  |      |      |
|                                                | 25    |       |      | 15.21 | 3.00  | 18.21 | <=23  | Pass  |      |      |
|                                                | 50    |       |      | 15.07 | 3.00  | 18.07 | <=23  | Pass  |      |      |
| 100                                            | 0     |       |      | 12.72 | 3.00  | 15.72 | <=23  | Pass  |      |      |
| 3625                                           | 1     |       |      | 0     | 15.78 | 3.00  | 18.78 | <=23  | Pass |      |
|                                                |       |       |      | 50    | 16.02 | 3.00  | 19.02 | <=23  | Pass |      |
|                                                |       |       | 99   | 16.00 | 3.00  | 19.00 | <=23  | Pass  |      |      |
|                                                | 50    |       | 0    | 14.81 | 3.00  | 17.81 | <=23  | Pass  |      |      |
|                                                |       |       | 25   | 14.88 | 3.00  | 17.88 | <=23  | Pass  |      |      |
|                                                |       |       | 50   | 15.08 | 3.00  | 18.08 | <=23  | Pass  |      |      |
|                                                | 100   |       | 0    | 12.37 | 3.00  | 15.37 | <=23  | Pass  |      |      |
|                                                | 3690  |       | 1    | 0     | 15.97 | 3.00  | 18.97 | <=23  | Pass |      |
|                                                |       |       |      | 50    | 15.81 | 3.00  | 18.81 | <=23  | Pass |      |
| 99                                             |       |       |      | 15.86 | 3.00  | 18.86 | <=23  | Pass  |      |      |
| 50                                             |       |       | 0    | 14.85 | 3.00  | 17.85 | <=23  | Pass  |      |      |
|                                                |       |       | 25   | 14.93 | 3.00  | 17.93 | <=23  | Pass  |      |      |
|                                                |       |       | 50   | 14.91 | 3.00  | 17.91 | <=23  | Pass  |      |      |
| 100                                            |       |       | 0    | 12.44 | 3.00  | 15.44 | <=23  | Pass  |      |      |
| 256QAM                                         |       | 3560  | 1    | 0     | 12.30 | 3.00  | 15.30 | <=23  | Pass |      |
|                                                |       |       |      | 50    | 12.22 | 3.00  | 15.22 | <=23  | Pass |      |
|                                                | 99    |       |      | 12.12 | 3.00  | 15.12 | <=23  | Pass  |      |      |
|                                                | 50    |       | 0    | 12.25 | 3.00  | 15.25 | <=23  | Pass  |      |      |
|                                                |       |       | 25   | 12.23 | 3.00  | 15.23 | <=23  | Pass  |      |      |
|                                                |       |       | 50   | 12.12 | 3.00  | 15.12 | <=23  | Pass  |      |      |
|                                                | 100   |       | 0    | 9.71  | 3.00  | 12.71 | <=23  | Pass  |      |      |
|                                                | 3625  |       | 1    | 0     | 11.85 | 3.00  | 14.85 | <=23  | Pass |      |
|                                                |       |       |      | 50    | 12.01 | 3.00  | 15.01 | <=23  | Pass |      |
|                                                |       | 99    |      | 12.22 | 3.00  | 15.22 | <=23  | Pass  |      |      |
|                                                |       | 50    | 0    | 11.87 | 3.00  | 14.87 | <=23  | Pass  |      |      |
|                                                |       |       | 25   | 11.93 | 3.00  | 14.93 | <=23  | Pass  |      |      |
|                                                |       |       | 50   | 12.08 | 3.00  | 15.08 | <=23  | Pass  |      |      |
|                                                |       | 100   | 0    | 9.42  | 3.00  | 12.42 | <=23  | Pass  |      |      |
|                                                |       | 3690  | 1    | 0     | 11.88 | 3.00  | 14.88 | <=23  | Pass |      |
|                                                |       |       |      | 50    | 11.96 | 3.00  | 14.96 | <=23  | Pass |      |
|                                                | 99    |       |      | 12.10 | 3.00  | 15.10 | <=23  | Pass  |      |      |
|                                                | 50    |       | 0    | 11.86 | 3.00  | 14.86 | <=23  | Pass  |      |      |
|                                                |       |       | 25   | 11.93 | 3.00  | 14.93 | <=23  | Pass  |      |      |
|                                                |       |       | 50   | 11.94 | 3.00  | 14.94 | <=23  | Pass  |      |      |
|                                                | 100   |       | 0    | 9.44  | 3.00  | 12.44 | <=23  | Pass  |      |      |
| Note1: EIRP/10MHz=Conducted Power+Antenna Gain |       |       |      |       |       |       |       |       |      |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B48\_10MHz

| Band: 48 / Bandwidth: 10MHz |                 |               |        |            |         |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |         |                  | Result                | Limit       |         |
| QPSK                        | 3625            | 50            | 0      | 20         | LV      | -4.400           | -0.0012               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | NV      | -1.000           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | HV      | -1.800           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | NV      | 2.400            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | NV      | 0.800            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | NV      | -1.800           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | NV      | -0.400           | -0.0001               | -2.5 to 2.5 | Pass    |

## 3. 99% & 26dB Bandwidth

### 3.1 Test Result

#### 3.1.1 Band48\_OBW

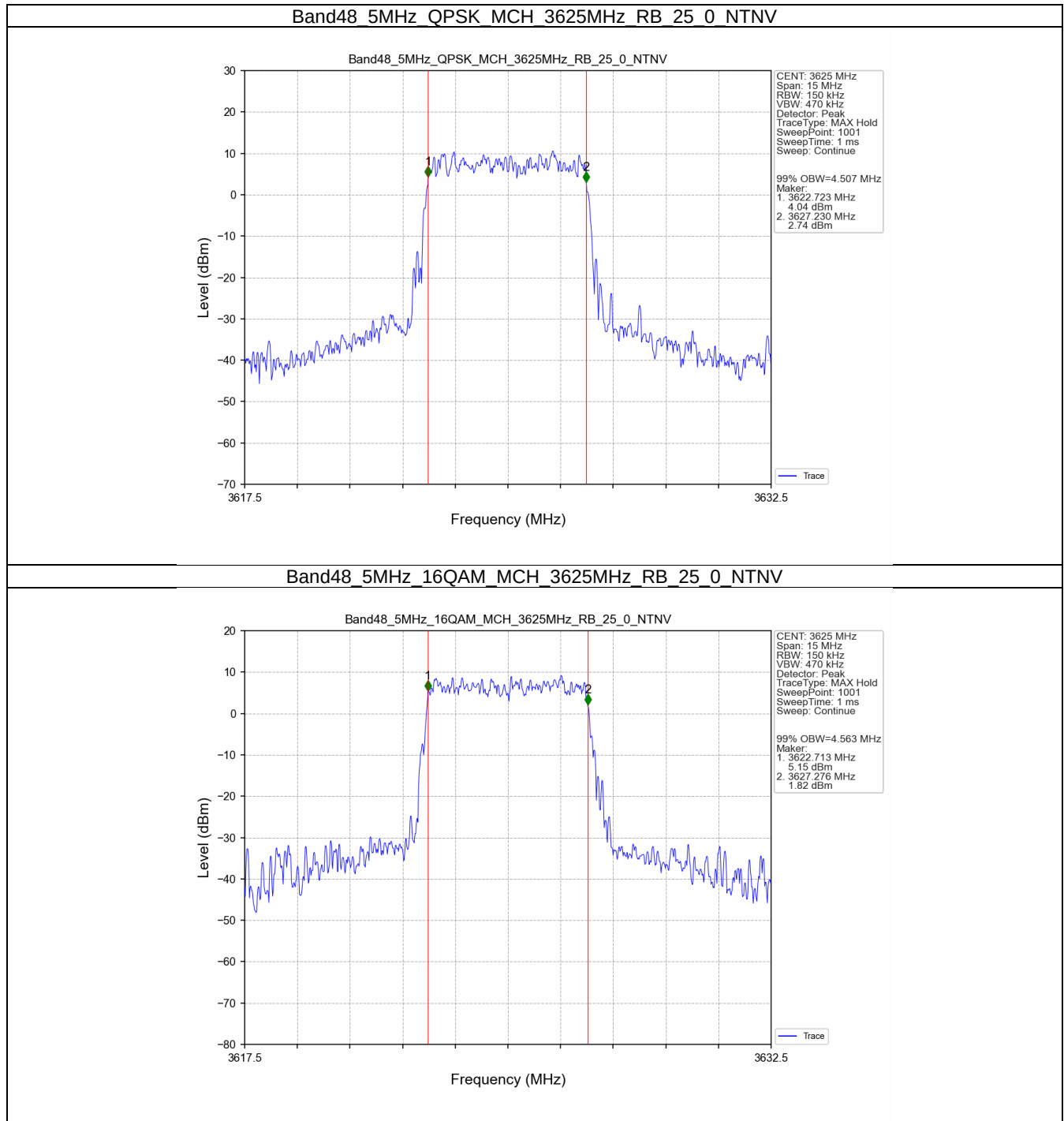
| Band: 48 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 3625            | 25            | 0      | 4.507                        | /     | Pass    |
|                 | 16QAM      | 3625            | 25            | 0      | 4.563                        | /     | Pass    |
|                 | 64QAM      | 3625            | 25            | 0      | 4.509                        | /     | Pass    |
|                 | 256QAM     | 3625            | 25            | 0      | 4.541                        | /     | Pass    |
| 10              | QPSK       | 3625            | 50            | 0      | 8.992                        | /     | Pass    |
|                 | 16QAM      | 3625            | 50            | 0      | 9.088                        | /     | Pass    |
|                 | 64QAM      | 3625            | 50            | 0      | 9.071                        | /     | Pass    |
|                 | 256QAM     | 3625            | 50            | 0      | 9.022                        | /     | Pass    |
| 15              | QPSK       | 3625            | 75            | 0      | 13.518                       | /     | Pass    |
|                 | 16QAM      | 3625            | 75            | 0      | 13.463                       | /     | Pass    |
|                 | 64QAM      | 3625            | 75            | 0      | 13.527                       | /     | Pass    |
|                 | 256QAM     | 3625            | 75            | 0      | 13.536                       | /     | Pass    |
| 20              | QPSK       | 3625            | 100           | 0      | 18.092                       | /     | Pass    |
|                 | 16QAM      | 3625            | 100           | 0      | 17.962                       | /     | Pass    |
|                 | 64QAM      | 3625            | 100           | 0      | 17.990                       | /     | Pass    |
|                 | 256QAM     | 3625            | 100           | 0      | 18.176                       | /     | Pass    |

### 3.1.2 Band48\_XDB

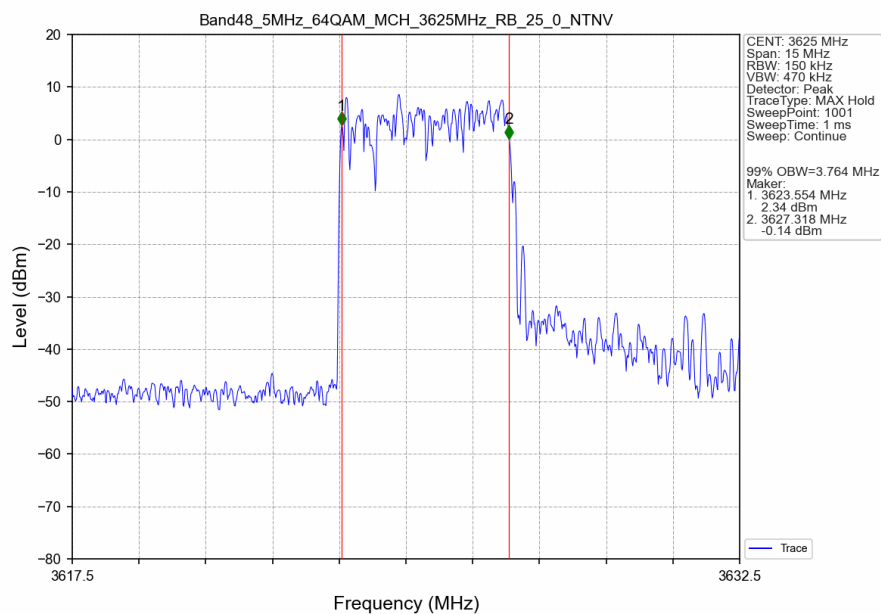
| Band: 48 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 3625            | 25            | 0      | 5.020                | /     | Pass    |
|                 | 16QAM      | 3625            | 25            | 0      | 5.244                | /     | Pass    |
|                 | 64QAM      | 3625            | 25            | 0      | 5.120                | /     | Pass    |
|                 | 256QAM     | 3625            | 25            | 0      | 5.013                | /     | Pass    |
| 10              | QPSK       | 3625            | 50            | 0      | 9.885                | /     | Pass    |
|                 | 16QAM      | 3625            | 50            | 0      | 9.780                | /     | Pass    |
|                 | 64QAM      | 3625            | 50            | 0      | 10.052               | /     | Pass    |
|                 | 256QAM     | 3625            | 50            | 0      | 9.787                | /     | Pass    |
| 15              | QPSK       | 3625            | 75            | 0      | 14.728               | /     | Pass    |
|                 | 16QAM      | 3625            | 75            | 0      | 14.499               | /     | Pass    |
|                 | 64QAM      | 3625            | 75            | 0      | 14.525               | /     | Pass    |
|                 | 256QAM     | 3625            | 75            | 0      | 14.590               | /     | Pass    |
| 20              | QPSK       | 3625            | 100           | 0      | 19.294               | /     | Pass    |
|                 | 16QAM      | 3625            | 100           | 0      | 19.853               | /     | Pass    |
|                 | 64QAM      | 3625            | 100           | 0      | 19.645               | /     | Pass    |
|                 | 256QAM     | 3625            | 100           | 0      | 19.773               | /     | Pass    |

## 3.2 Test Graph

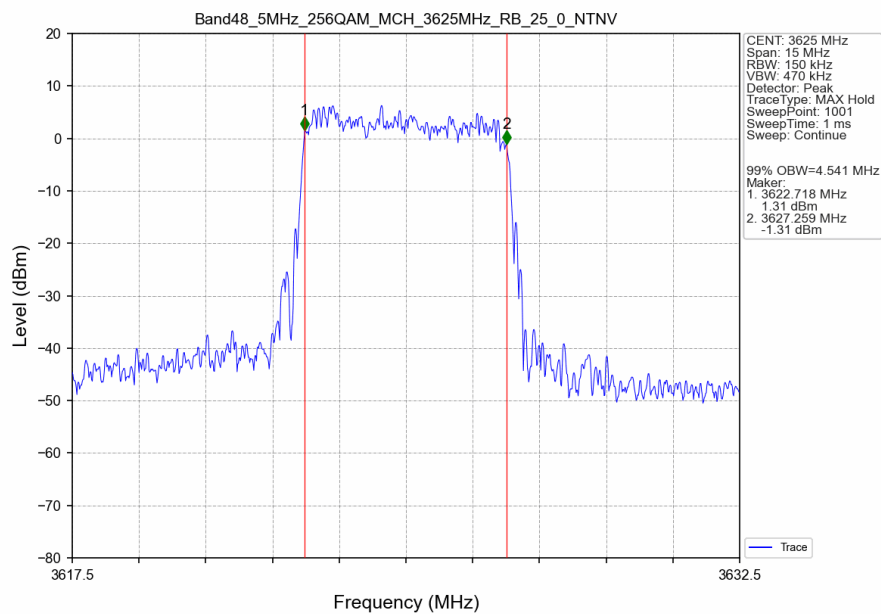
### 3.2.1 Band48\_OBW



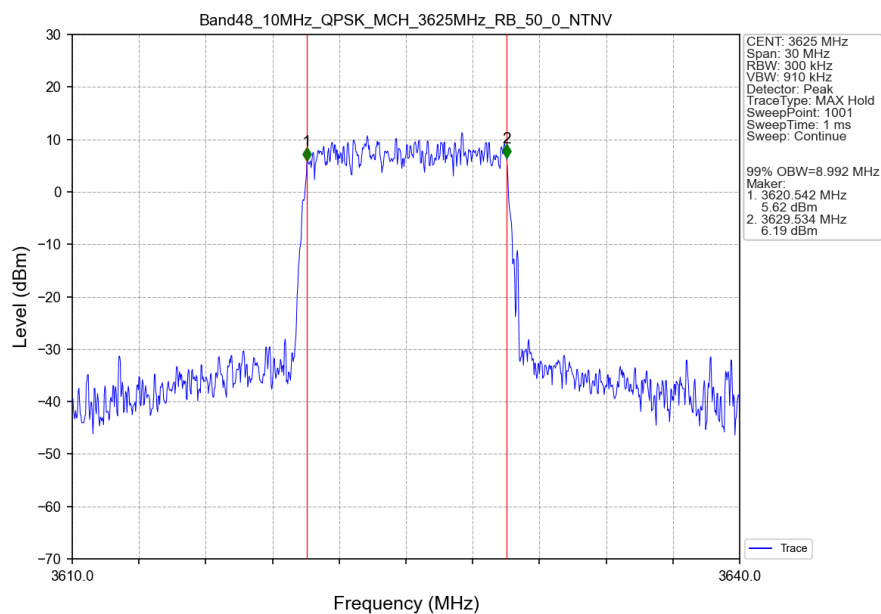
Band48\_5MHz\_64QAM\_MCH\_3625MHz\_RB\_25\_0\_NTNV



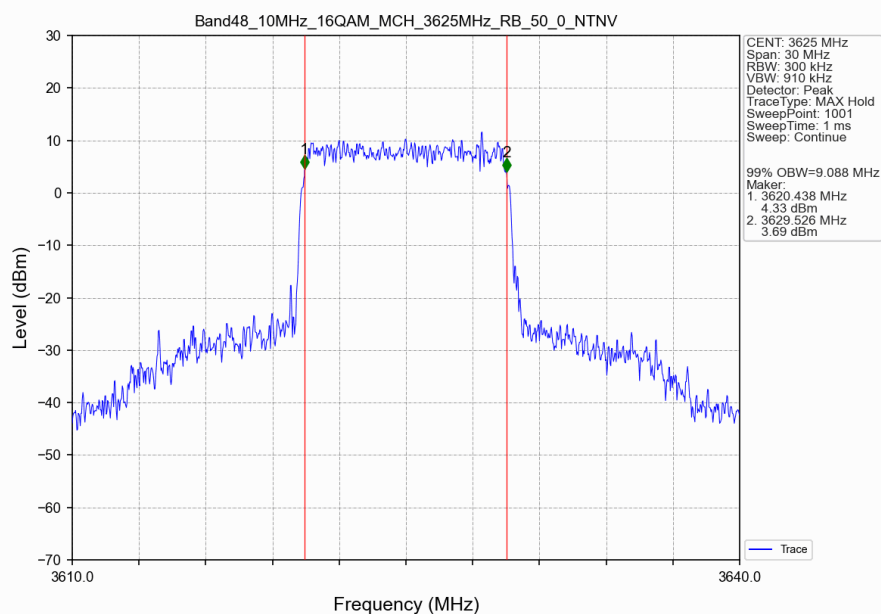
Band48\_5MHz\_256QAM\_MCH\_3625MHz\_RB\_25\_0\_NTNV



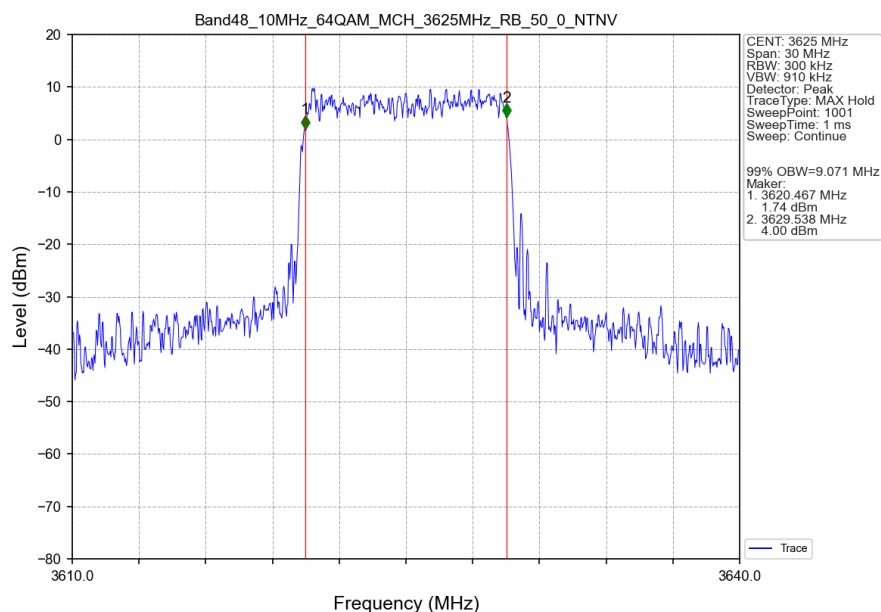
Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_0\_NTNV



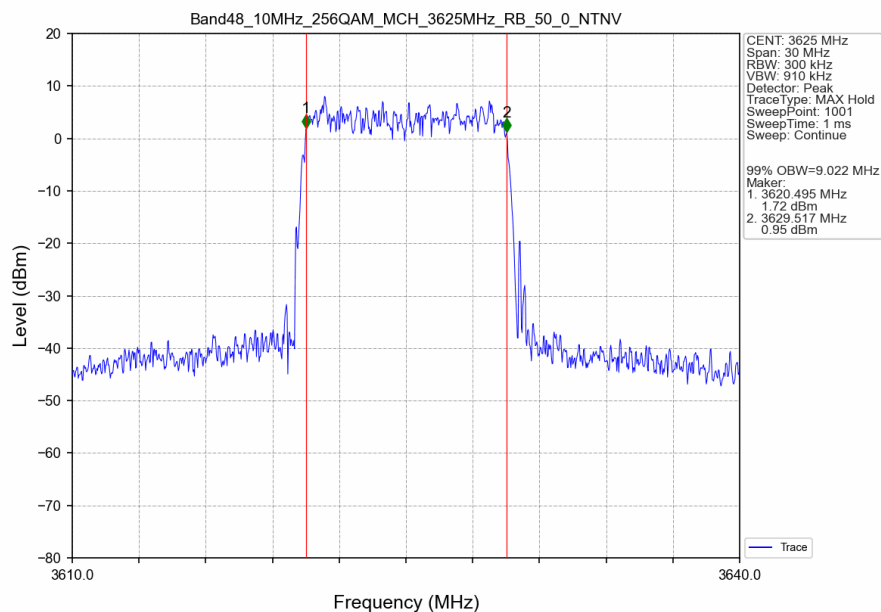
Band48\_10MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



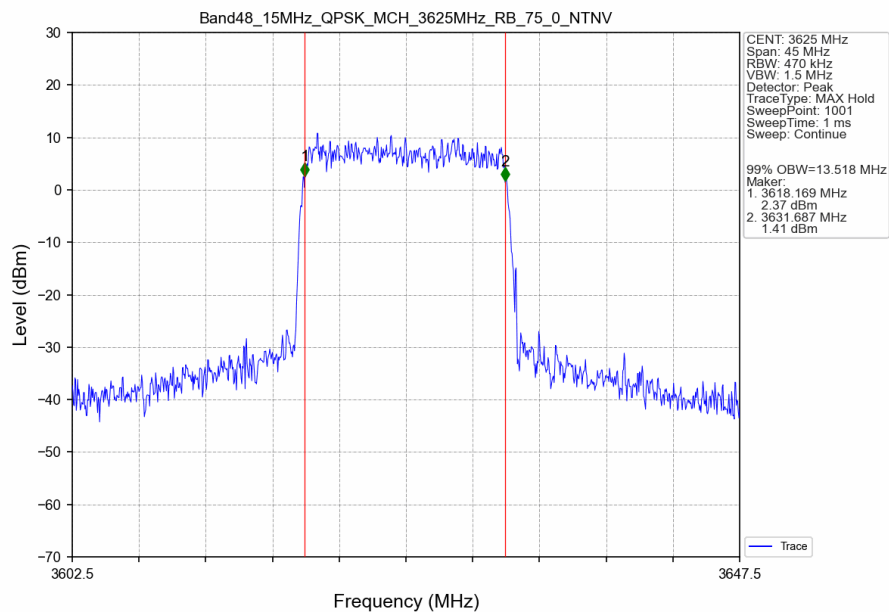
Band48\_10MHz\_64QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



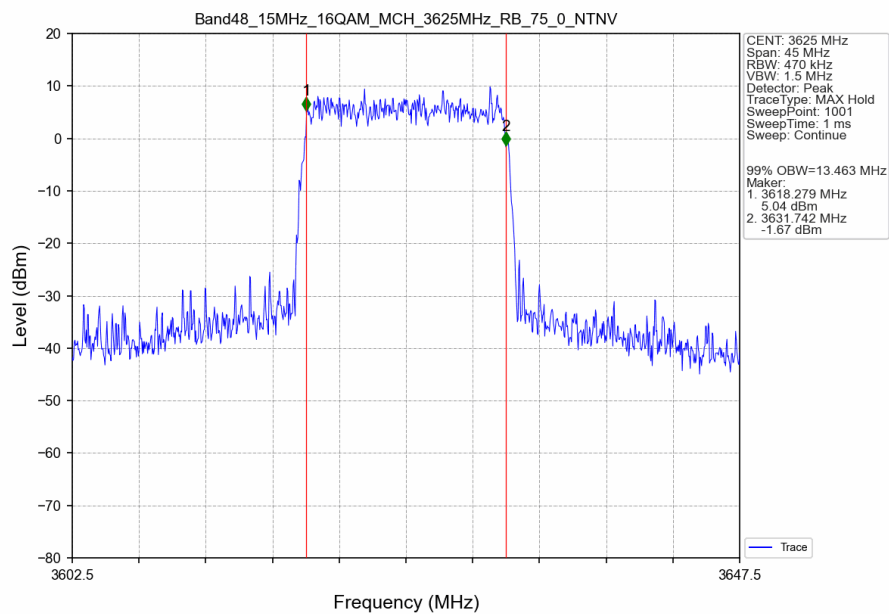
Band48\_10MHz\_256QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



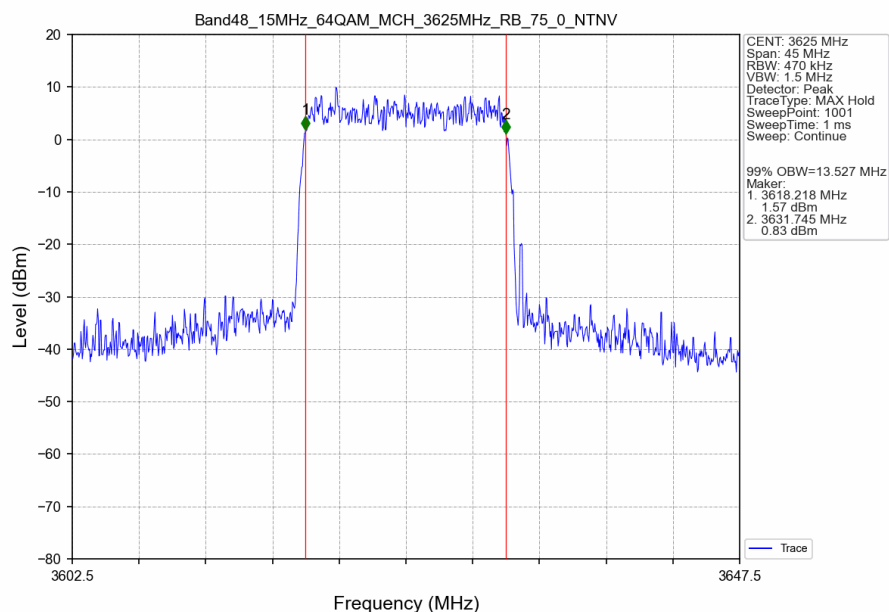
Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_75\_0\_NTNV



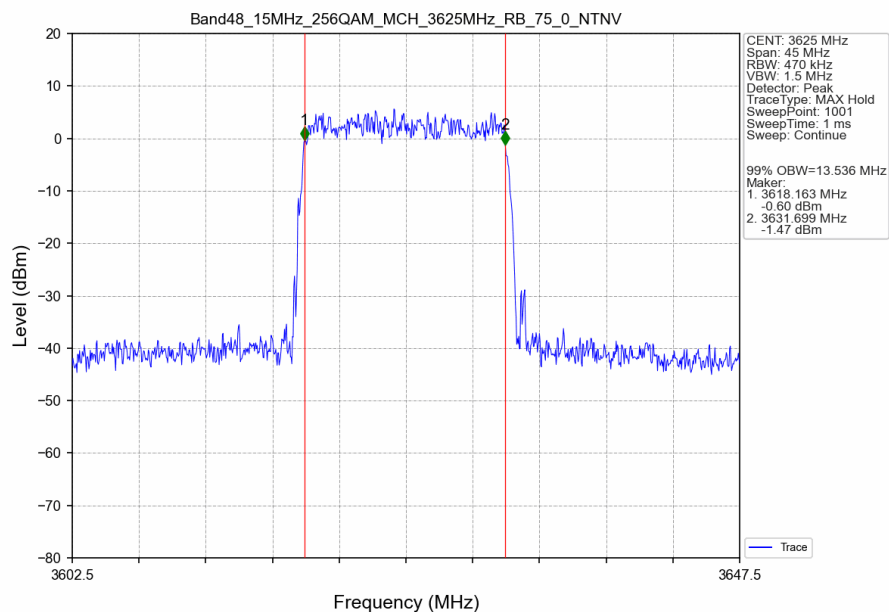
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



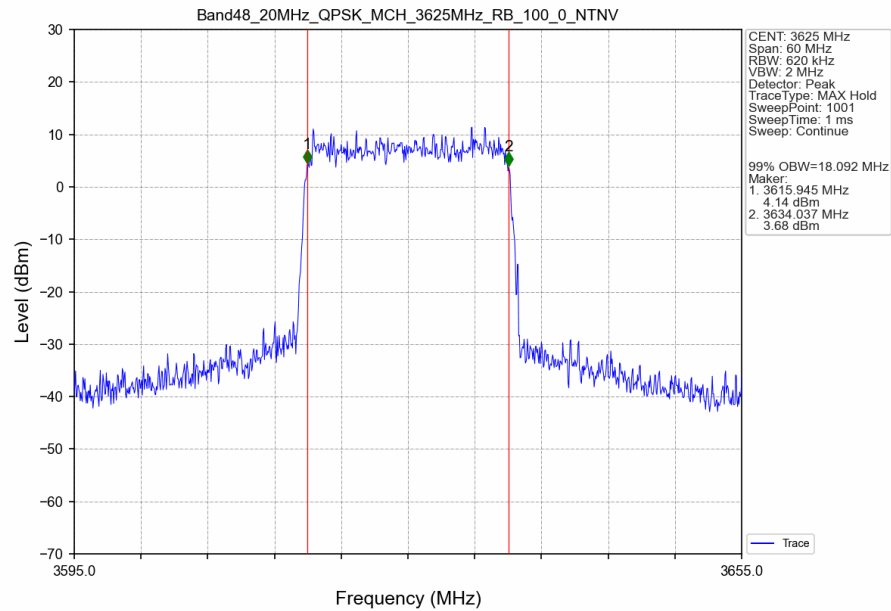
Band48\_15MHz\_64QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



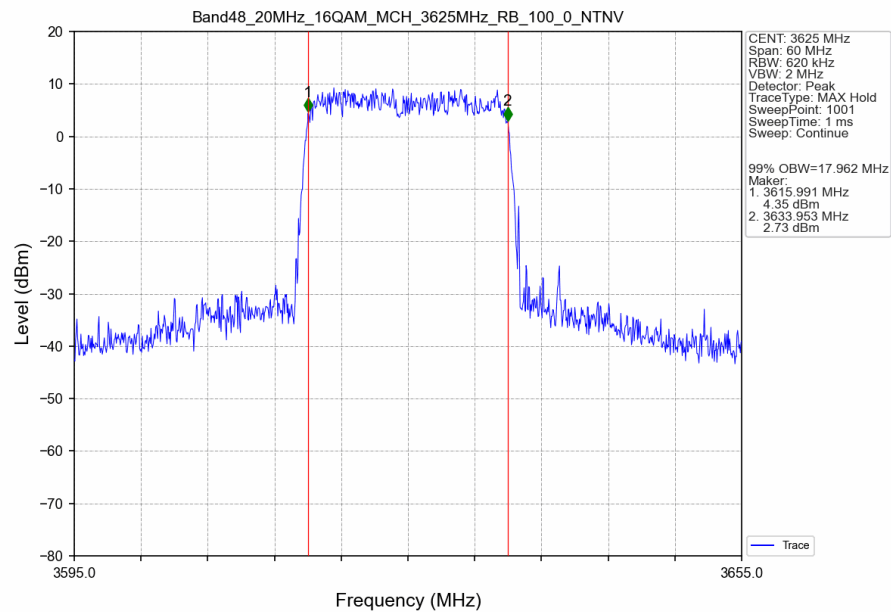
Band48\_15MHz\_256QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



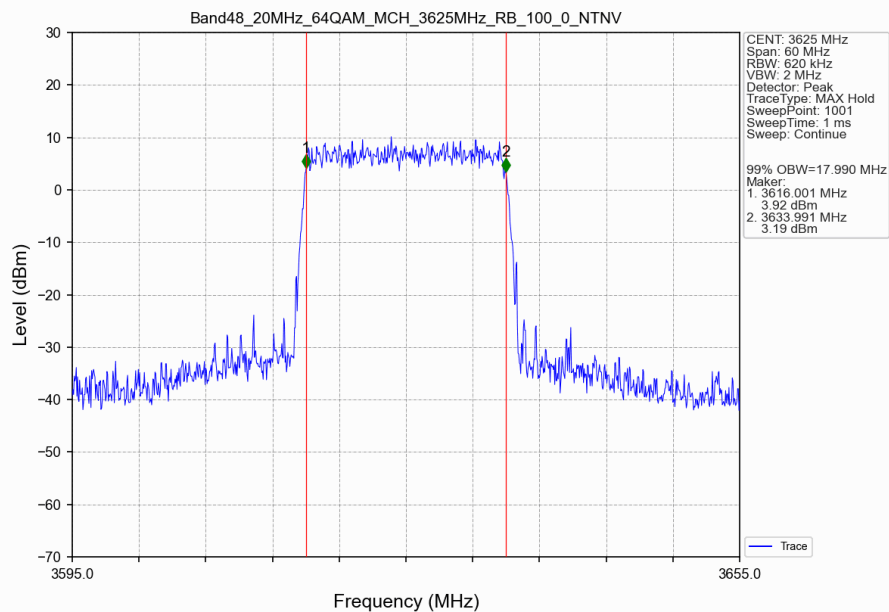
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_100\_0\_NTNV



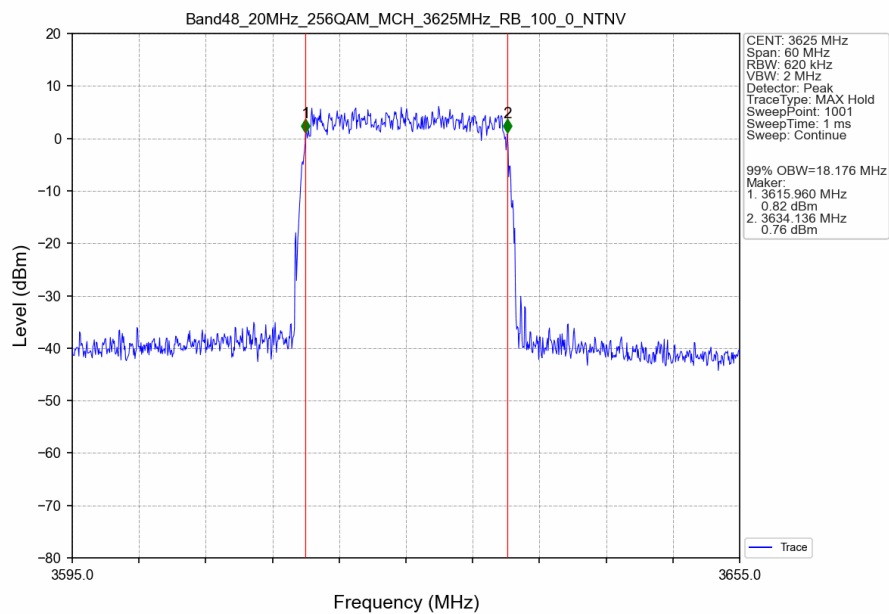
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



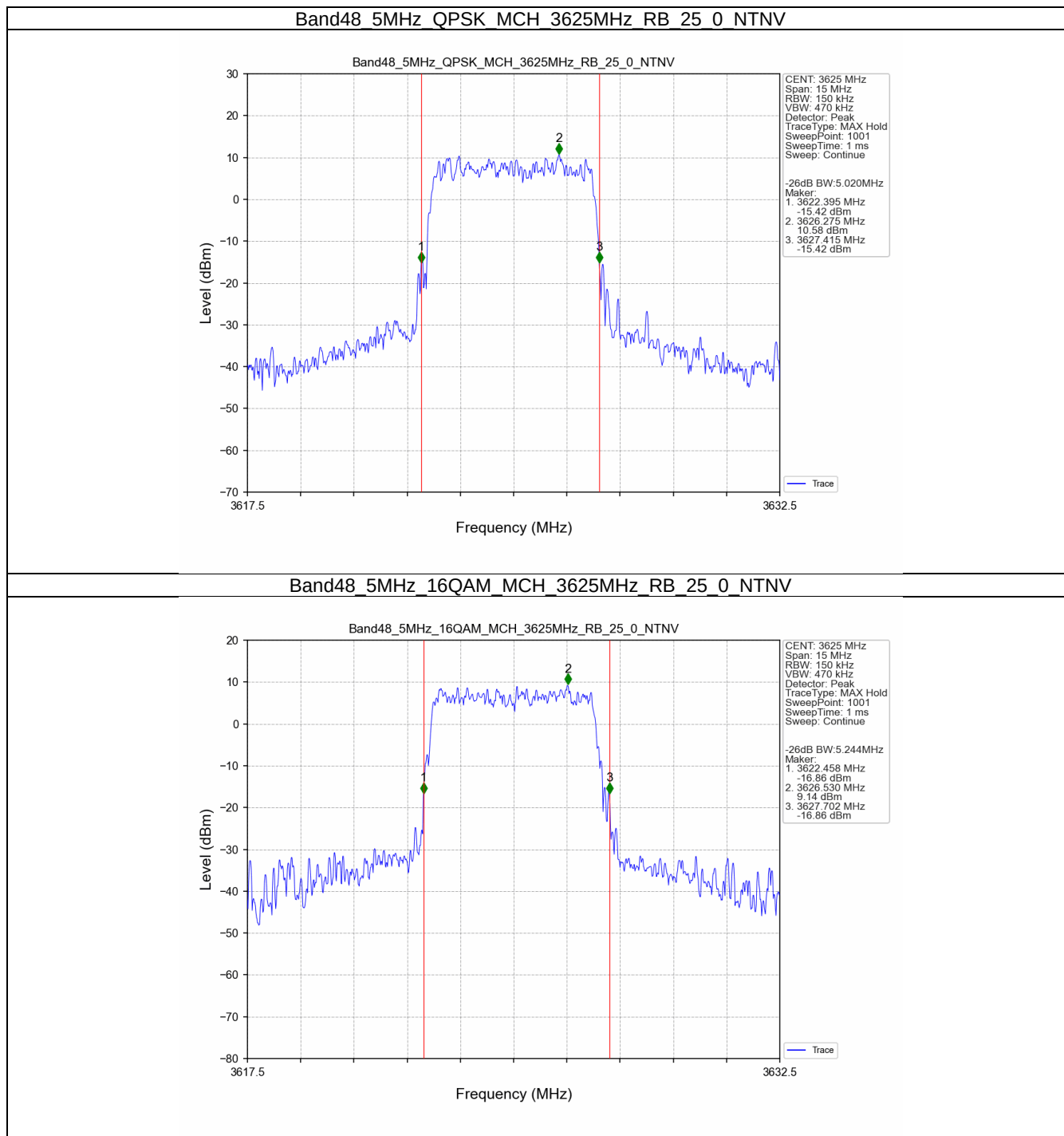
Band48\_20MHz\_64QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



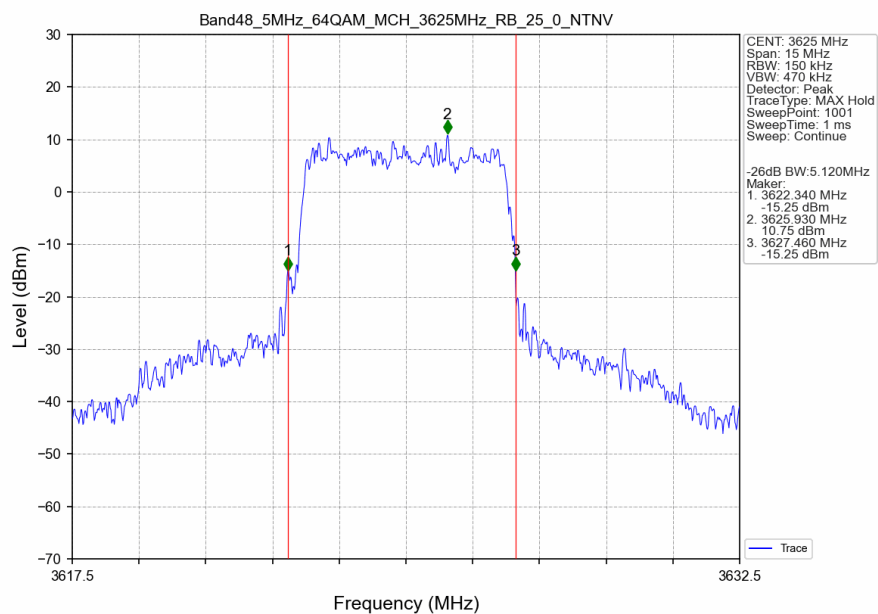
Band48\_20MHz\_256QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



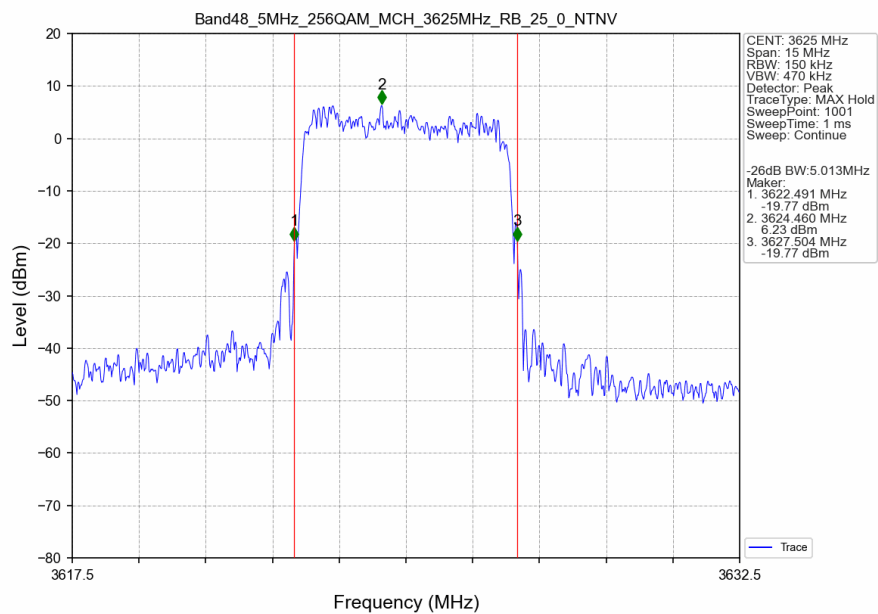
### 3.2.2 Band48\_XDB



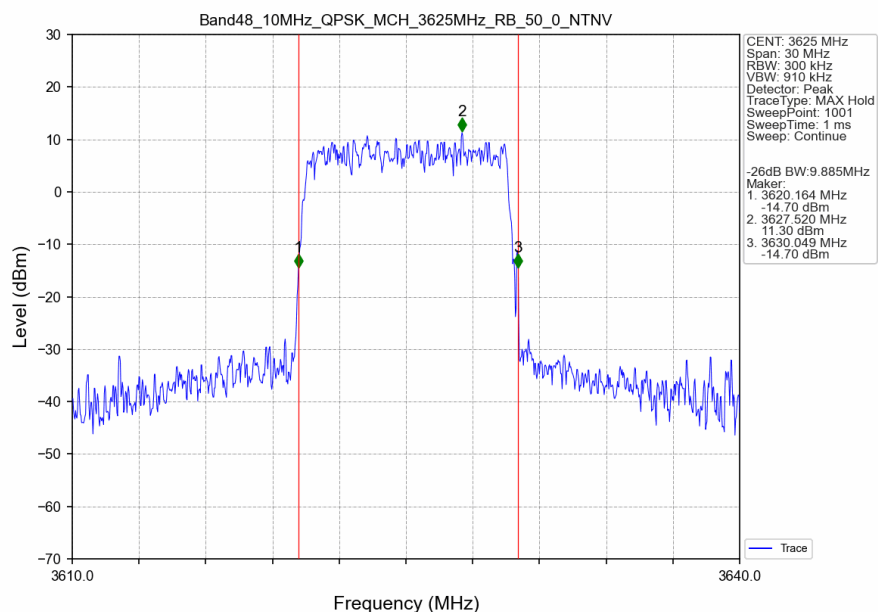
Band48\_5MHz\_64QAM\_MCH\_3625MHz\_RB\_25\_0\_NTNV



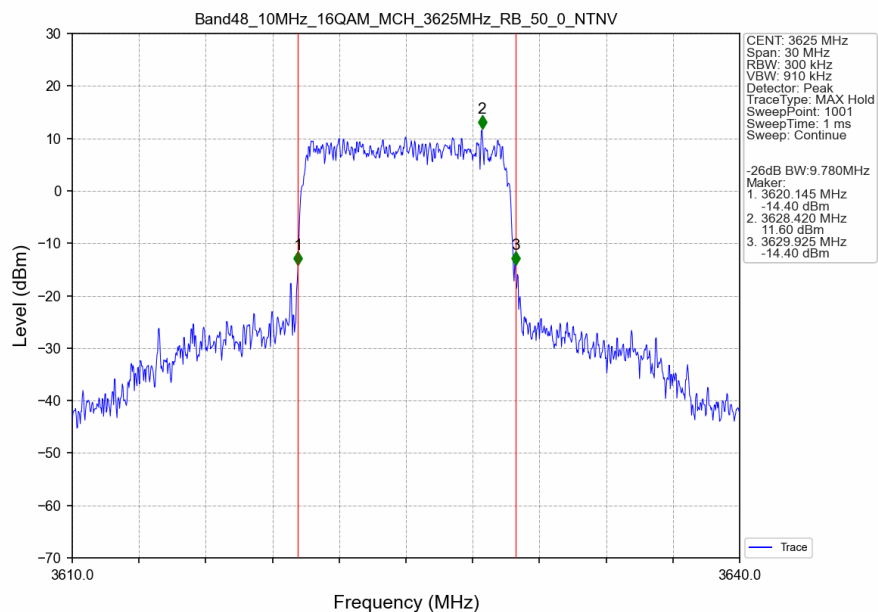
Band48\_5MHz\_256QAM\_MCH\_3625MHz\_RB\_25\_0\_NTNV



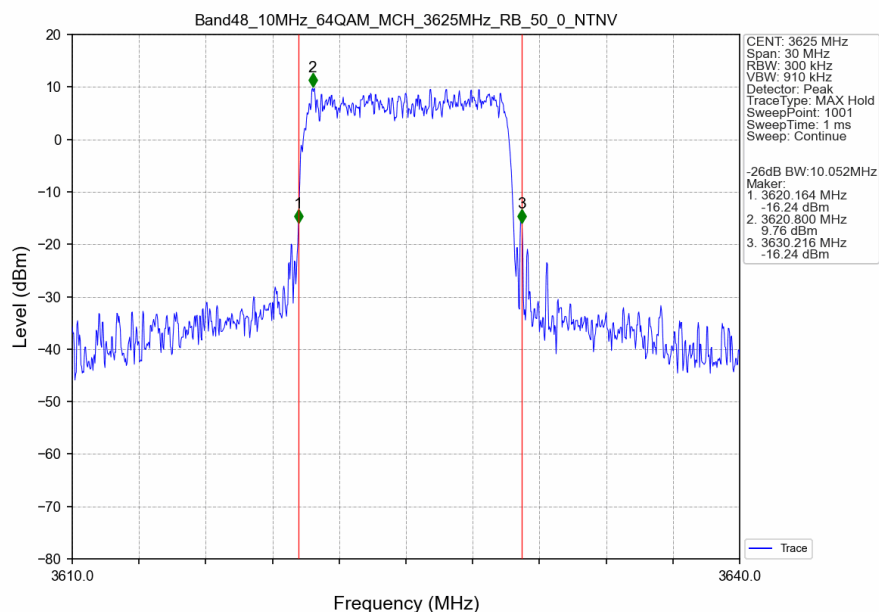
Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_0\_NTNV



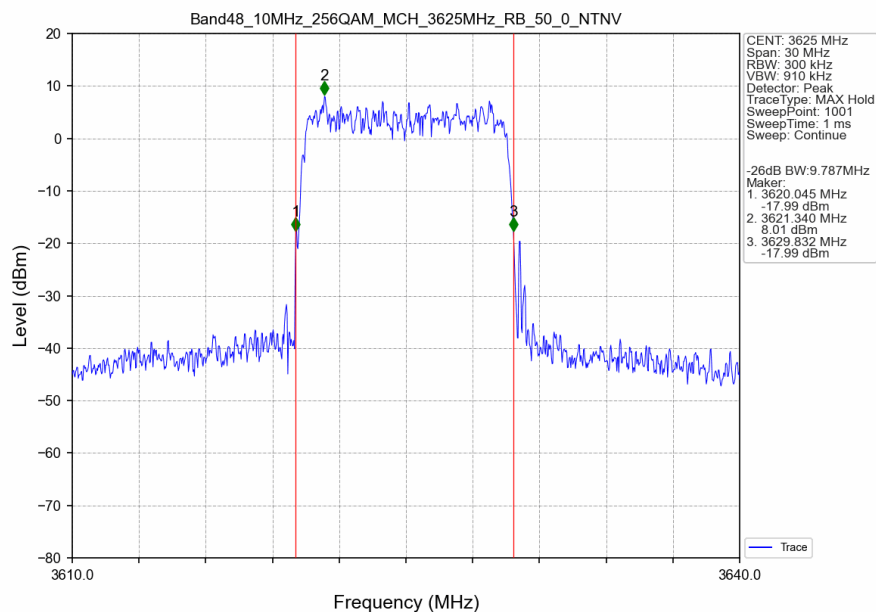
Band48\_10MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



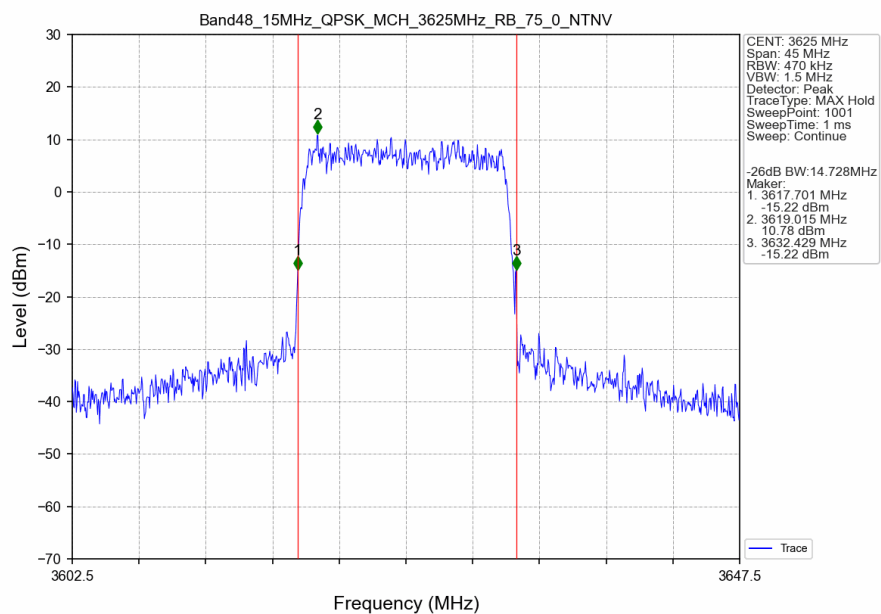
Band48\_10MHz\_64QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



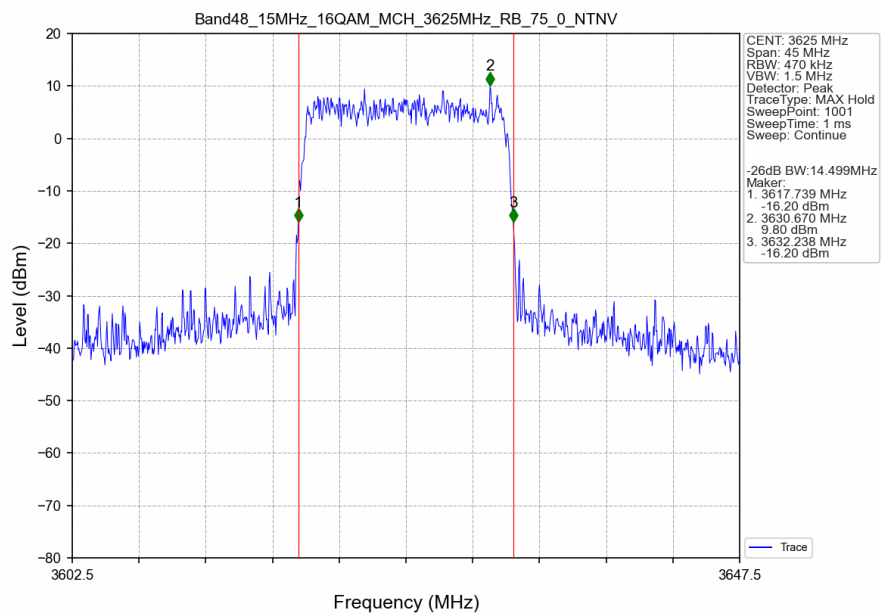
Band48\_10MHz\_256QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



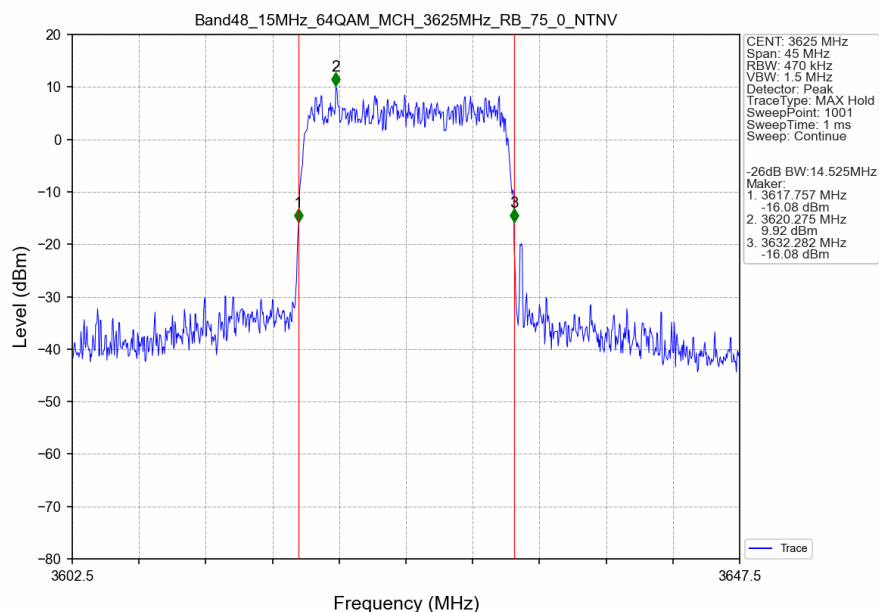
## Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_75\_0\_NTNV



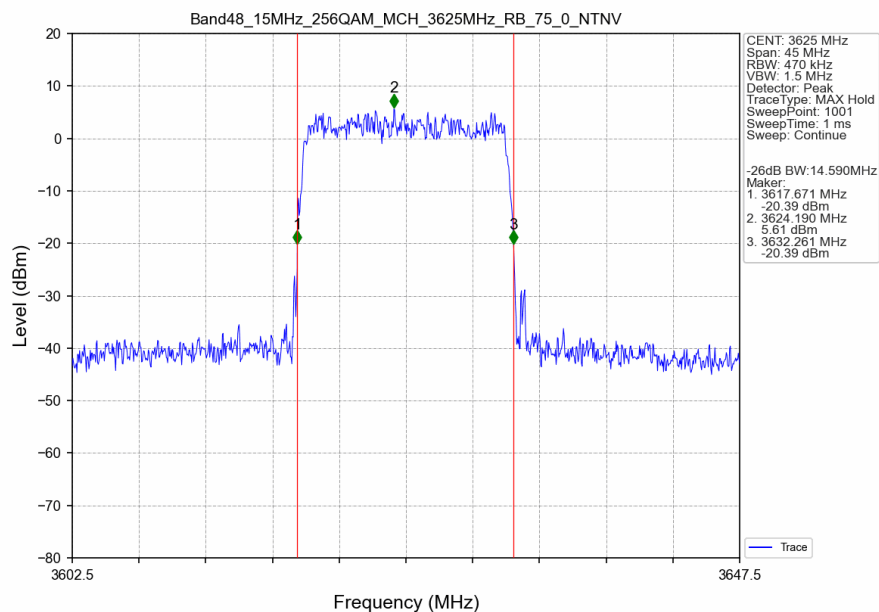
## Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



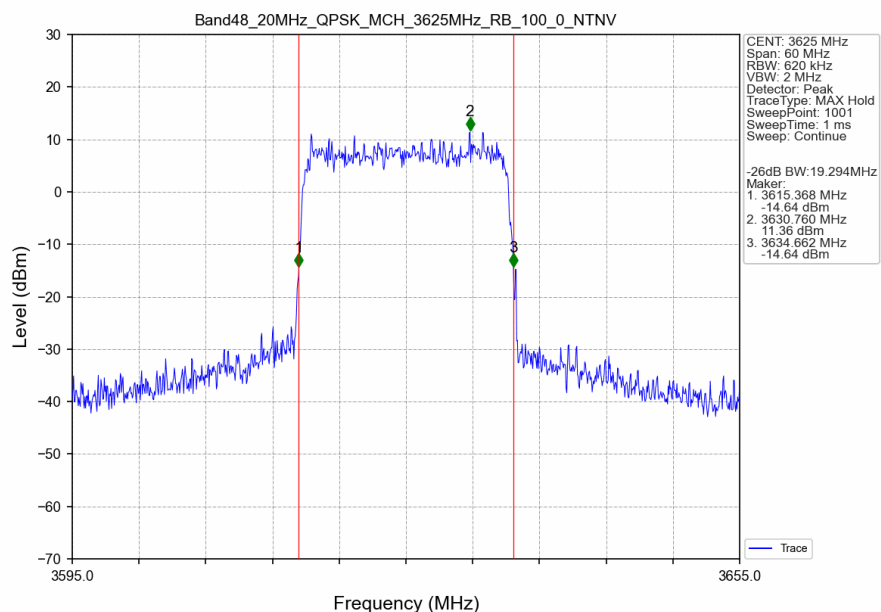
## Band48\_15MHz\_64QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



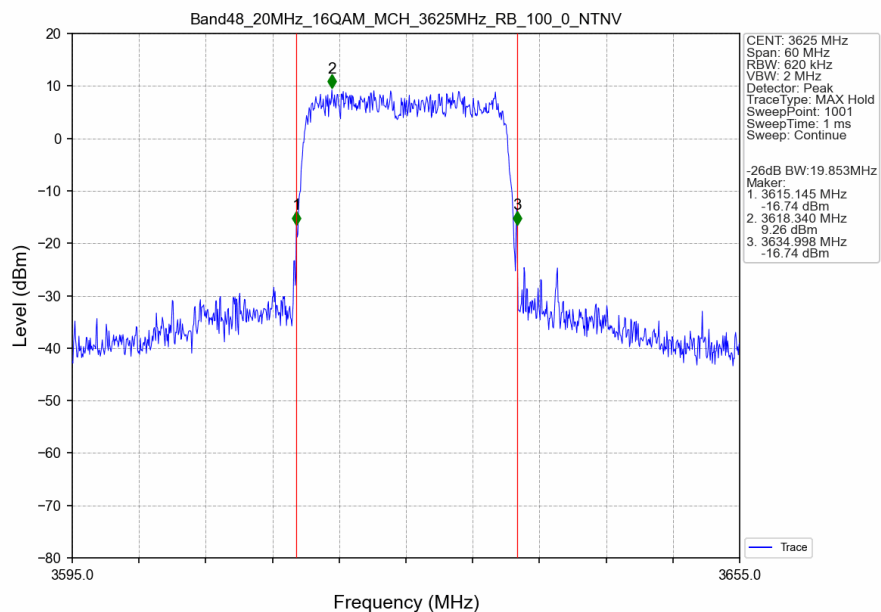
## Band48\_15MHz\_256QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



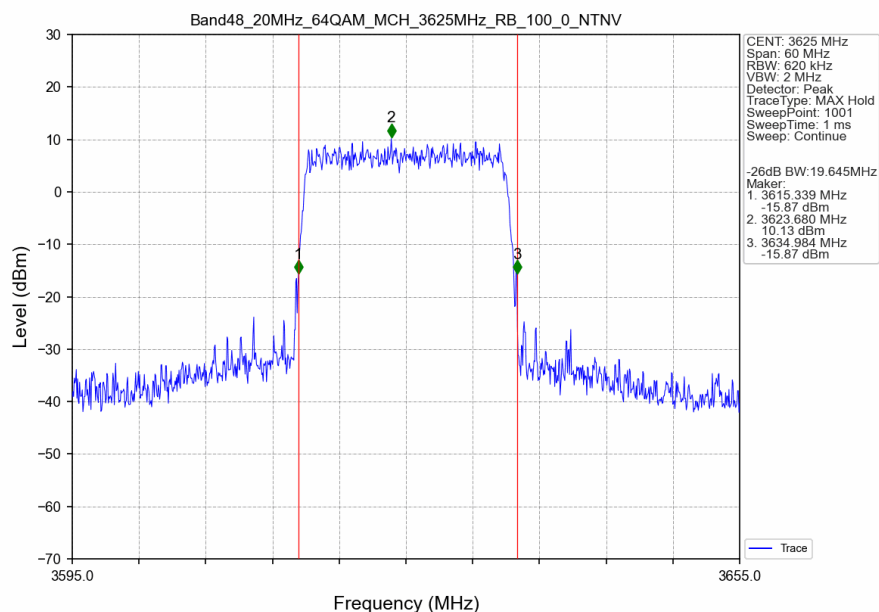
## Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_100\_0\_NTNV



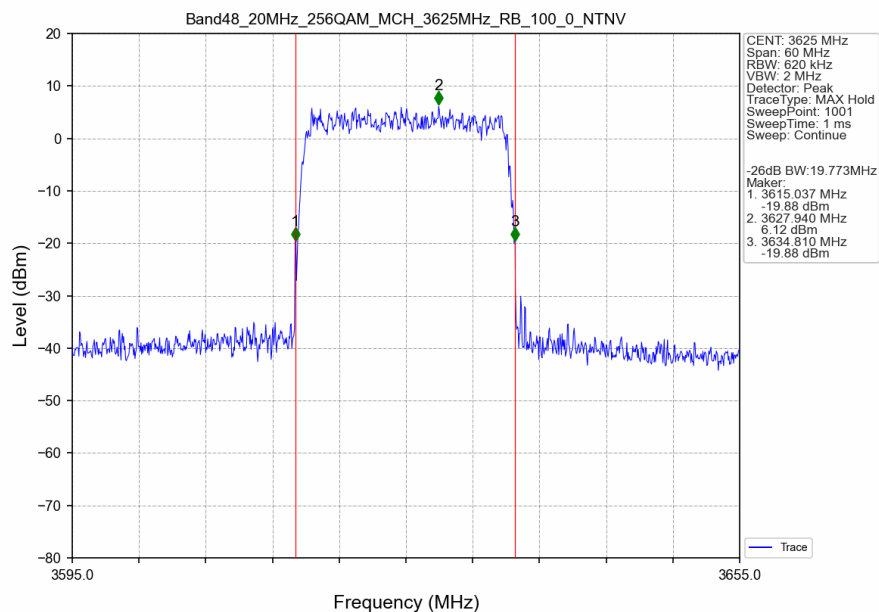
## Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_64QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_256QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV





## 4. Peak-Average Ratio

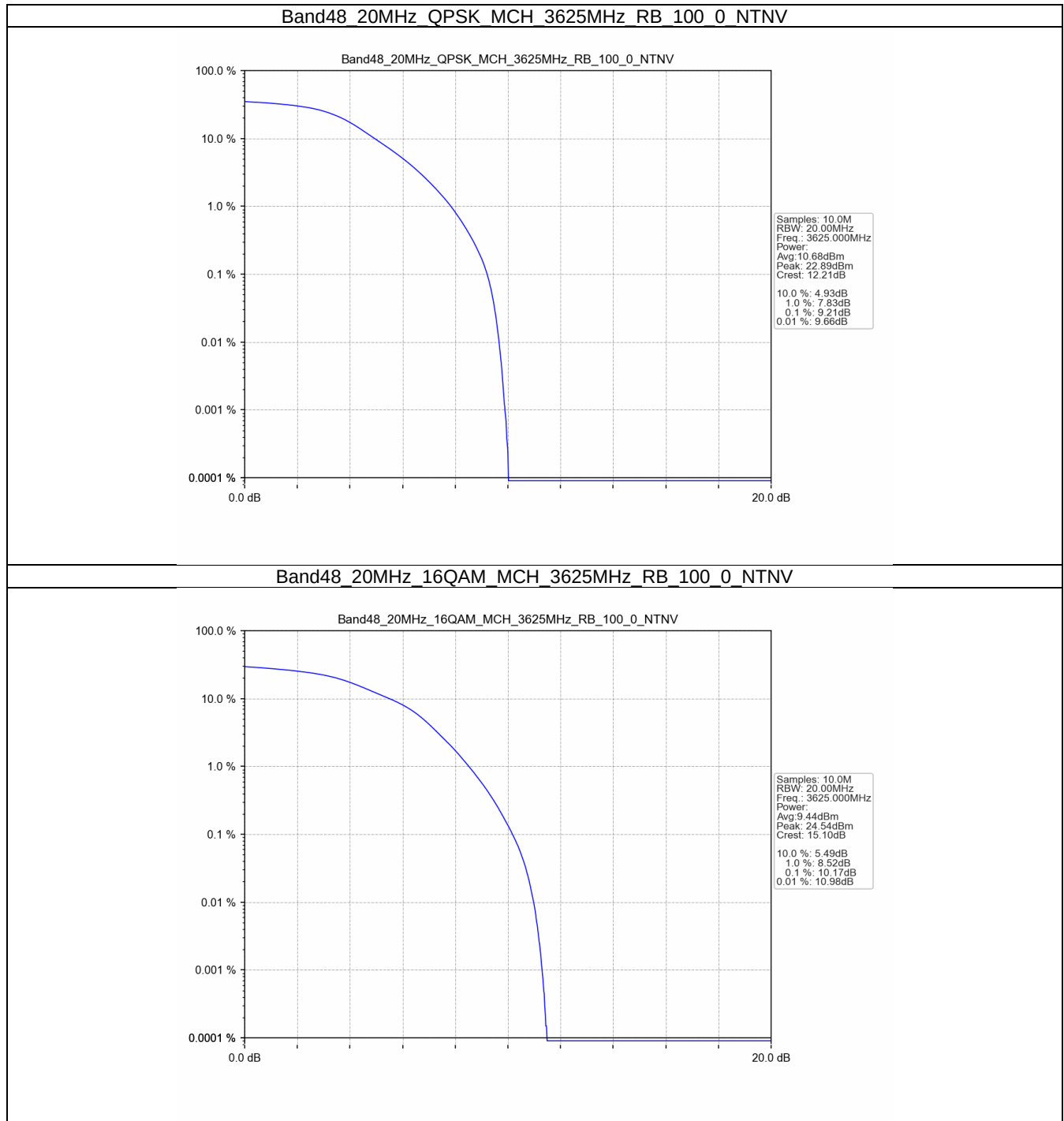
### 4.1 Test Result

#### 4.1.1 B48\_20MHz

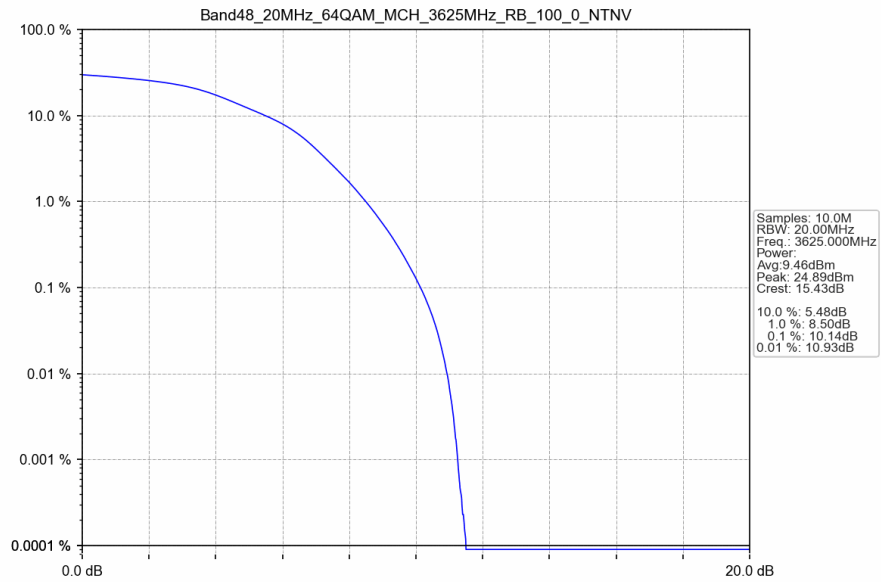
| Band: 48 / Bandwidth: 20MHz / NTNV |                    |               |        |                         |       |         |
|------------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 3625               | 100           | 0      | 9.21                    | <=13  | Pass    |
| 16QAM                              | 3625               | 100           | 0      | 10.17                   | <=13  | Pass    |
| 64QAM                              | 3625               | 100           | 0      | 10.14                   | <=13  | Pass    |
| 256QAM                             | 3625               | 100           | 0      | 10.05                   | <=13  | Pass    |

## 4.2 Test Graph

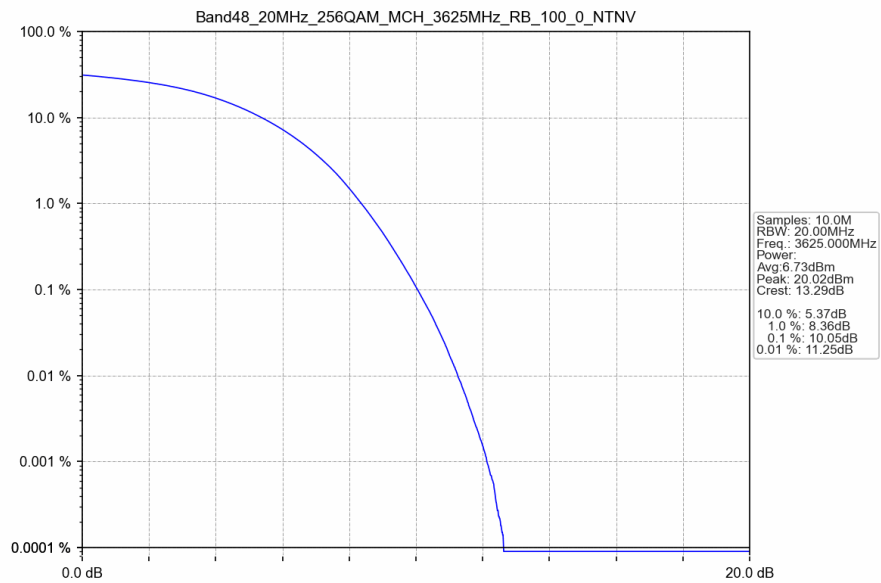
### 4.2.1 B48\_20MHz



Band48\_20MHz\_64QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_256QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B48\_5MHz

| Band: 48 / Bandwidth: 5MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 3552.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 3625            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 3697.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.2 B48\_10MHz

| Band: 48 / Bandwidth: 10MHz / NTV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 3555            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 3625            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 3695            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.3 B48\_15MHz

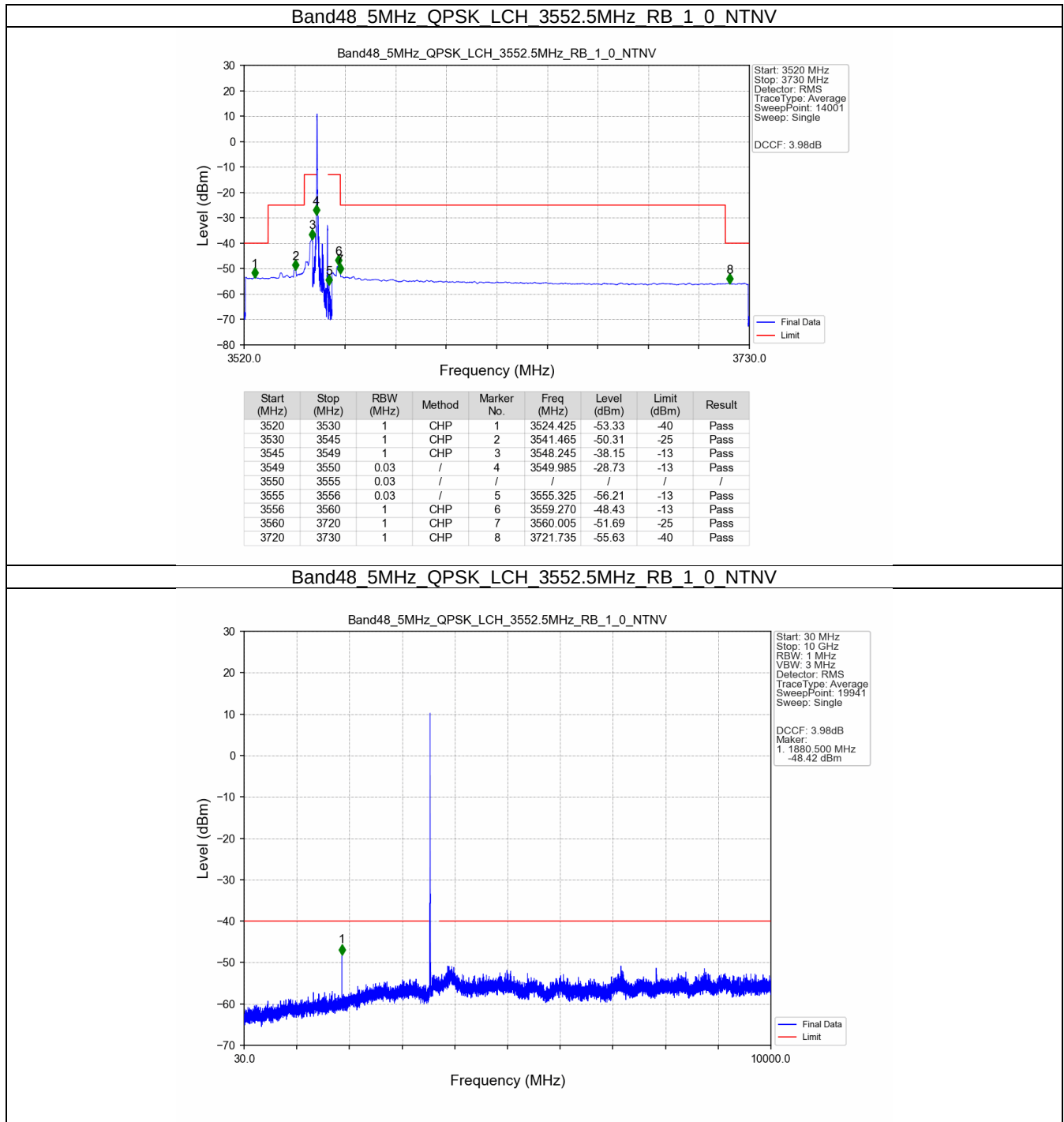
| Band: 48 / Bandwidth: 15MHz / NTV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 3557.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 3625            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 3692.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

## 5.1.4 B48\_20MHz

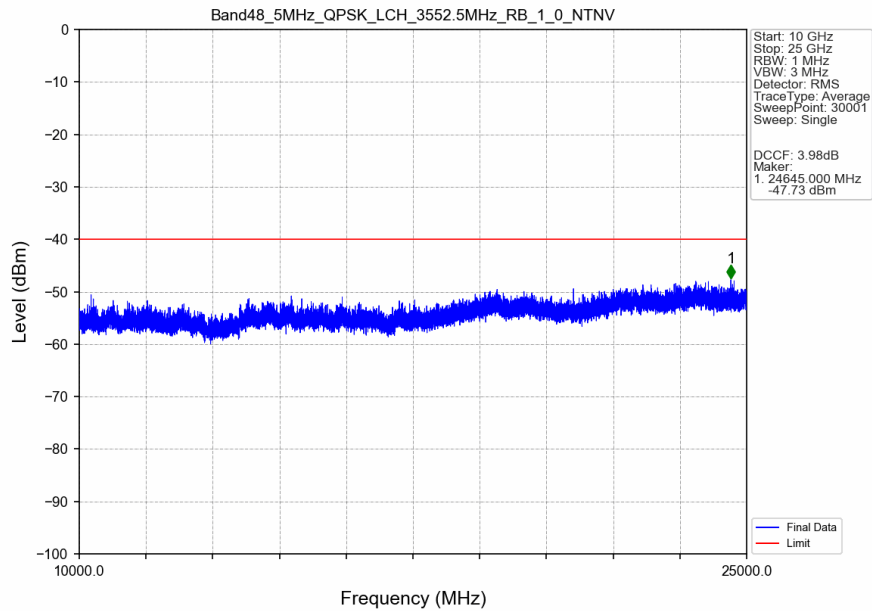
| Band: 48 / Bandwidth: 20MHz / NTVN |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 3560            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                    | 3625            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 3690            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

## 5.2 Test Graph

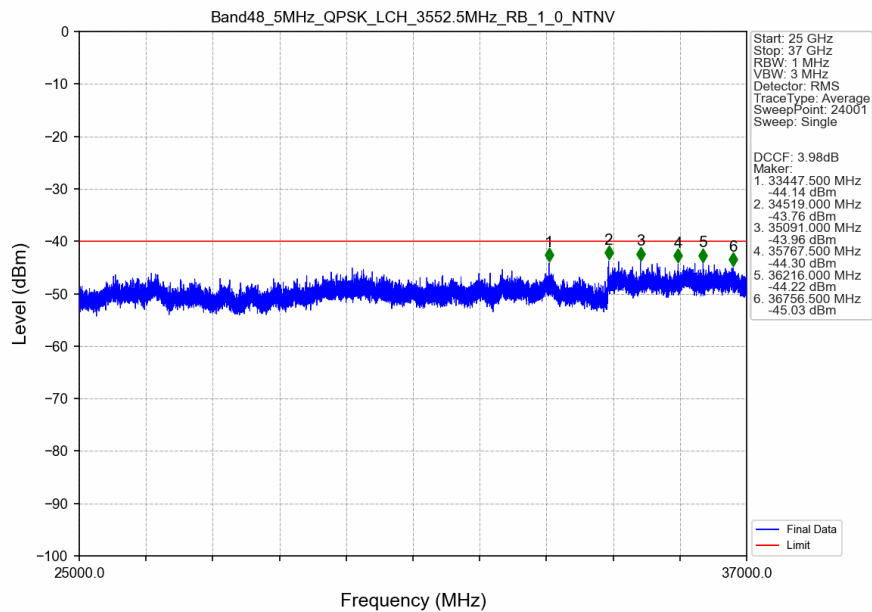
### 5.2.1 B48\_5MHz



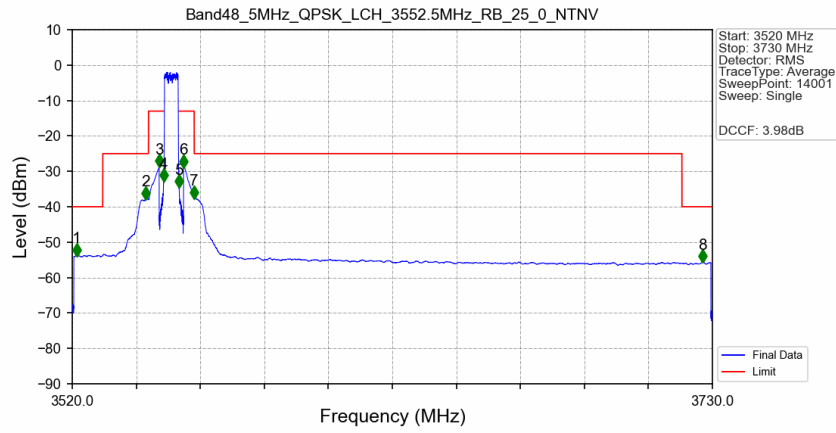
Band48\_5MHz\_QPSK\_LCH\_3552.5MHz\_RB\_1\_0\_NTNV



Band48\_5MHz\_QPSK\_LCH\_3552.5MHz\_RB\_1\_0\_NTNV

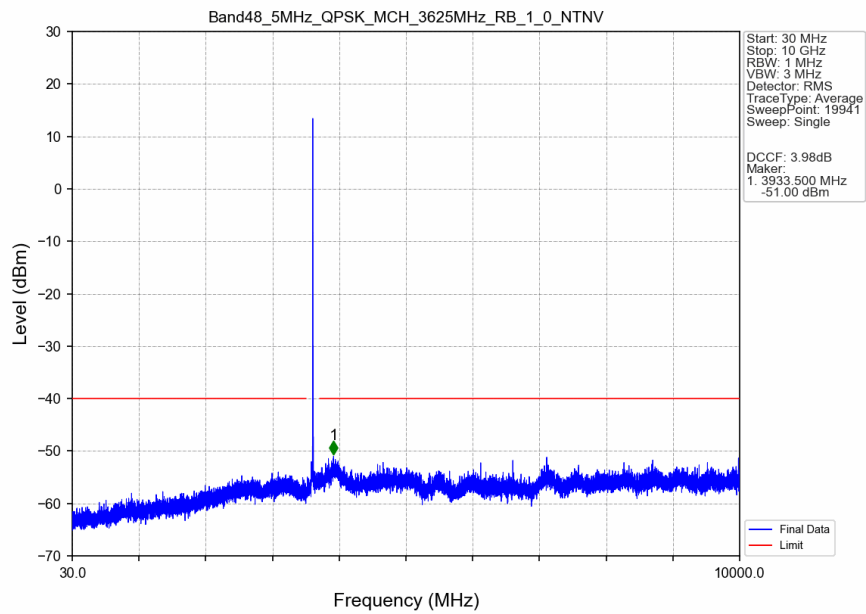


### Band48\_5MHz\_QPSK\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV

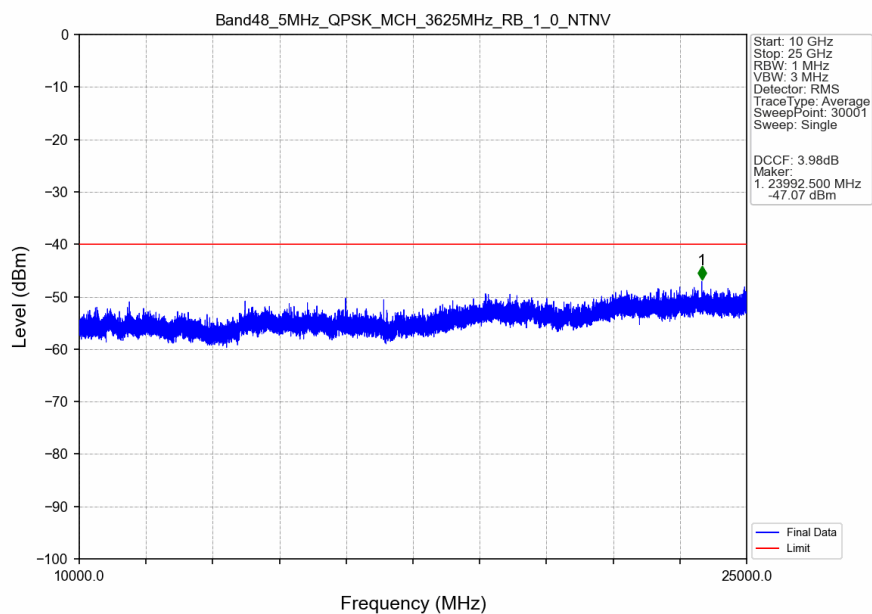


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3521.485   | -53.68      | -40         | Pass   |
| 3530        | 3545       | 1         | CHP    | 2          | 3544.195   | -37.65      | -25         | Pass   |
| 3545        | 3549       | 1         | CHP    | 3          | 3548.500   | -28.64      | -13         | Pass   |
| 3549        | 3550       | 0.05      | CHP    | 4          | 3549.970   | -32.59      | -13         | Pass   |
| 3550        | 3555       | 0.05      | CHP    | /          | /          | /           | /           | /      |
| 3555        | 3556       | 0.05      | CHP    | 5          | 3555.025   | -34.38      | -13         | Pass   |
| 3556        | 3560       | 1         | CHP    | 6          | 3556.555   | -28.67      | -13         | Pass   |
| 3560        | 3720       | 1         | CHP    | 7          | 3560.005   | -37.44      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3726.880   | -55.49      | -40         | Pass   |

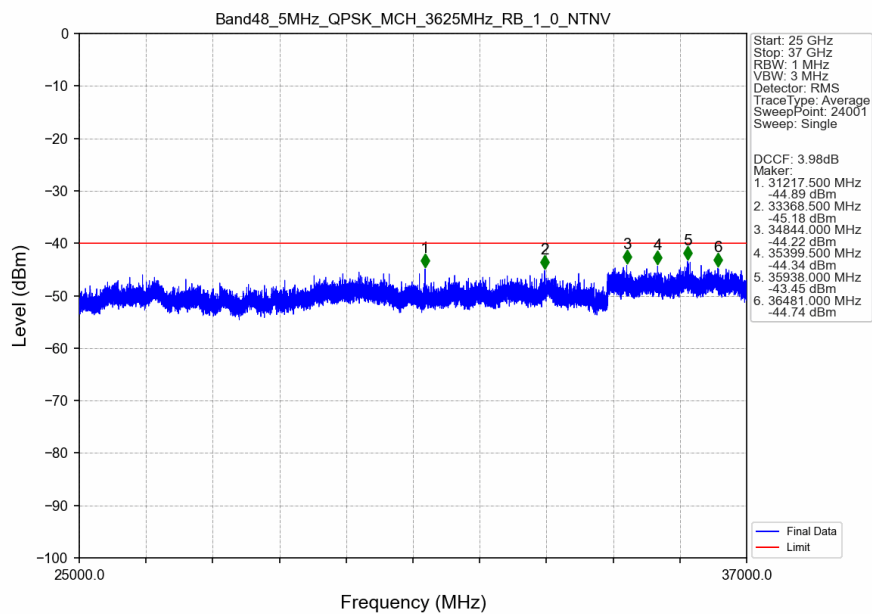
### Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



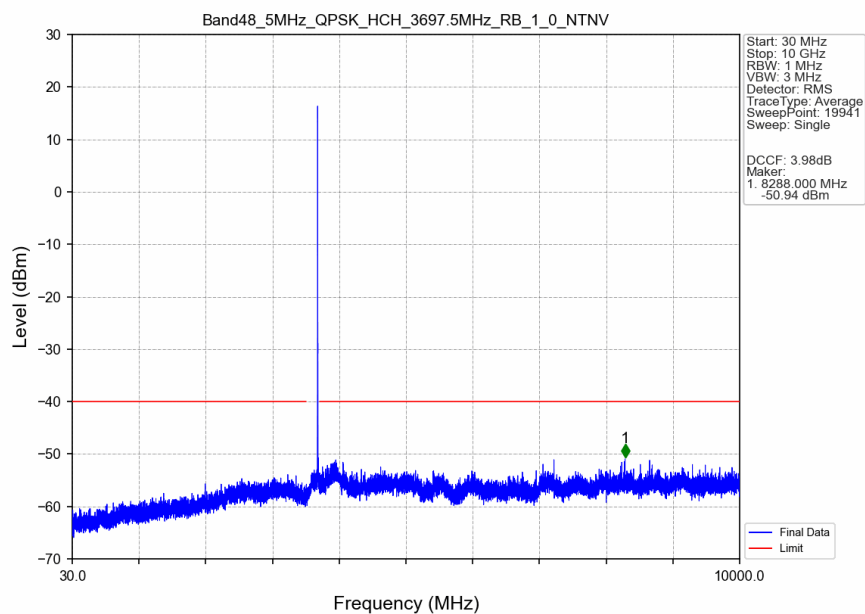
## Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



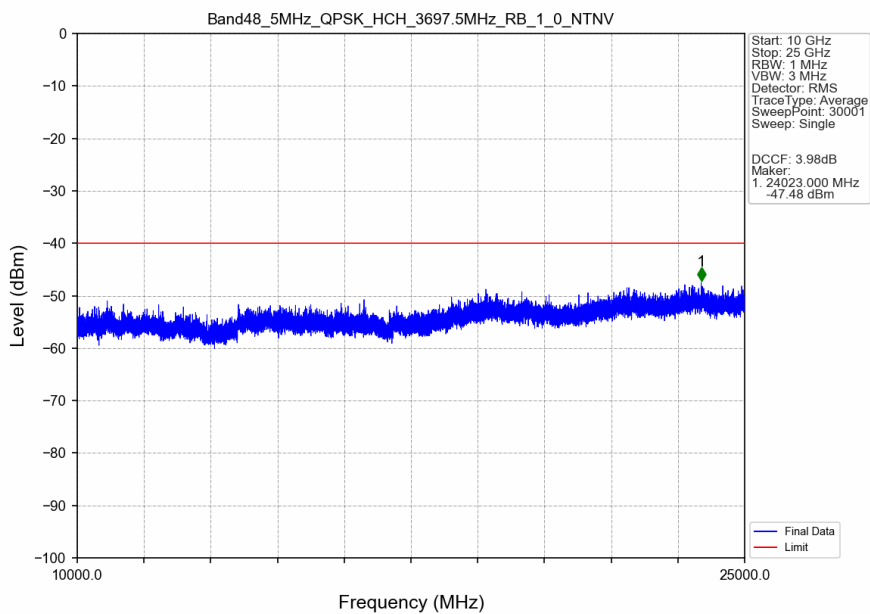
## Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



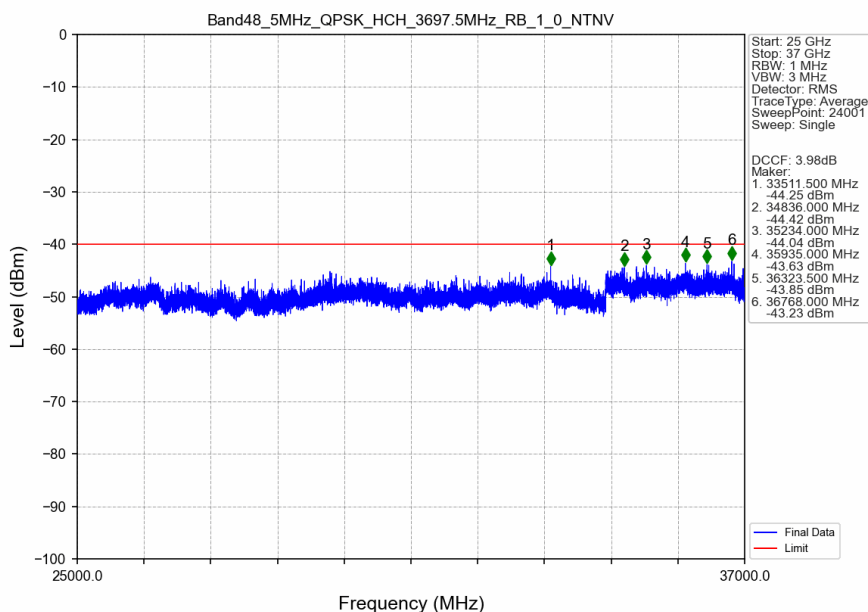
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



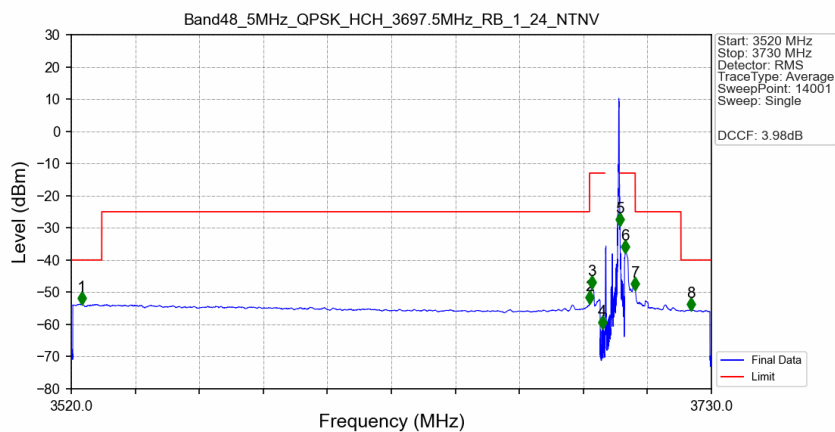
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



## Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV

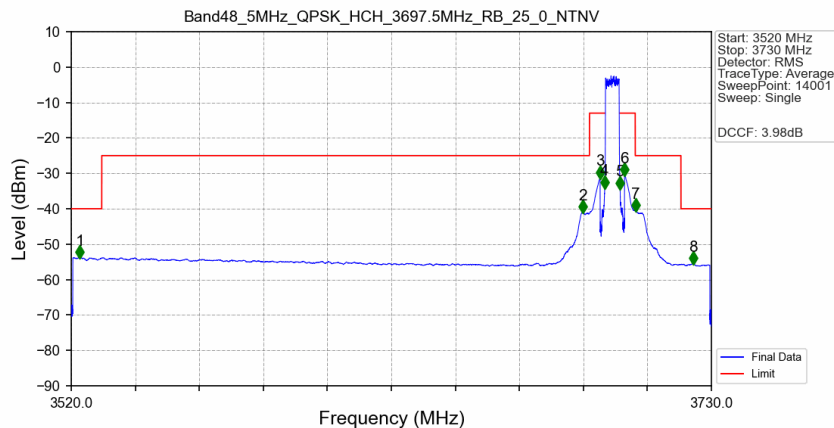


## Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_24\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3523.360   | -53.62      | -40         | Pass   |
| 3530        | 3690       | 1         | CHP    | 2          | 3689.995   | -53.40      | -25         | Pass   |
| 3690        | 3694       | 1         | CHP    | 3          | 3690.775   | -48.60      | -13         | Pass   |
| 3694        | 3695       | 0.03      | /      | 4          | 3694.150   | -61.13      | -13         | Pass   |
| 3695        | 3700       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3700        | 3701       | 0.03      | /      | 5          | 3700.015   | -29.06      | -13         | Pass   |
| 3701        | 3705       | 1         | CHP    | 6          | 3701.770   | -37.54      | -13         | Pass   |
| 3705        | 3720       | 1         | CHP    | 7          | 3705.010   | -49.16      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3723.370   | -55.51      | -40         | Pass   |

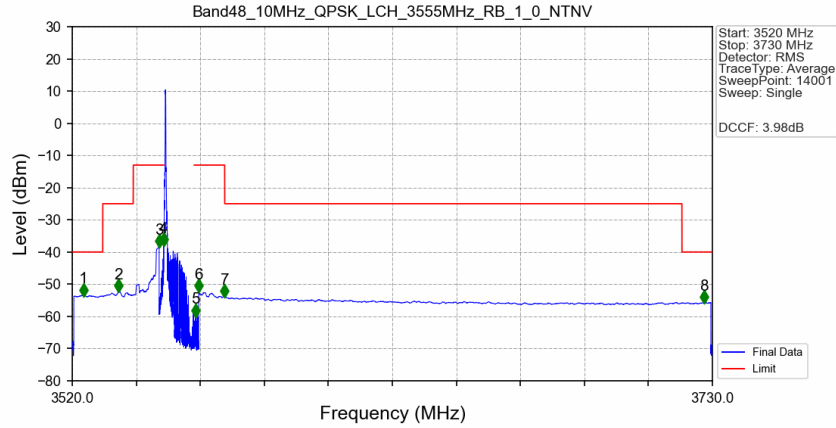
## Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3522.850   | -53.72      | -40         | Pass   |
| 3530        | 3690       | 1         | CHP    | 2          | 3687.835   | -40.95      | -25         | Pass   |
| 3690        | 3694       | 1         | CHP    | 3          | 3693.490   | -31.26      | -13         | Pass   |
| 3694        | 3695       | 0.05      | CHP    | 4          | 3694.990   | -34.01      | -13         | Pass   |
| 3695        | 3700       | 0.05      | CHP    | /          | /          | /           | /           | /      |
| 3700        | 3701       | 0.05      | CHP    | 5          | 3700.030   | -34.23      | -13         | Pass   |
| 3701        | 3705       | 1         | CHP    | 6          | 3701.500   | -30.45      | -13         | Pass   |
| 3705        | 3720       | 1         | CHP    | 7          | 3705.085   | -40.59      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3723.985   | -55.43      | -40         | Pass   |

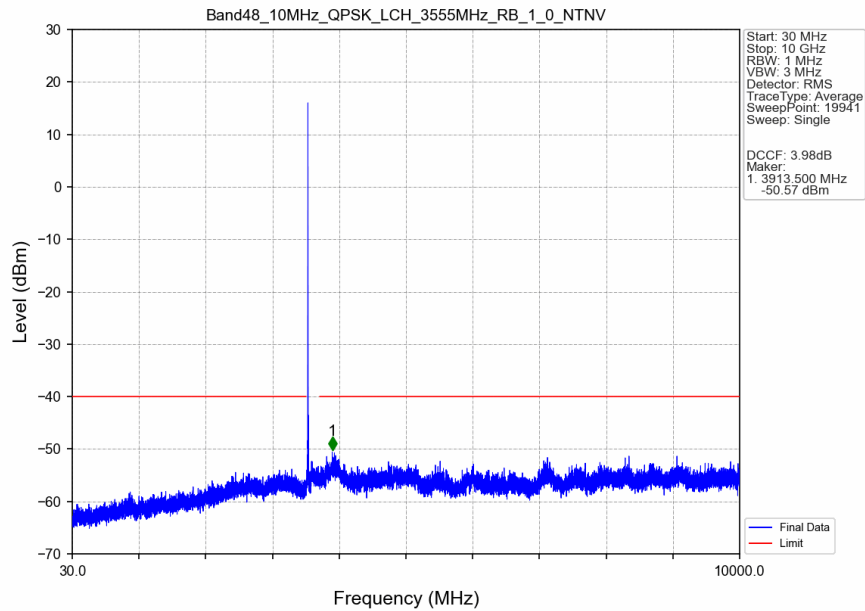
### 5.2.2 B48\_10MHz

Band48 10MHz QPSK LCH 3555MHz RB 1 0 NTNV

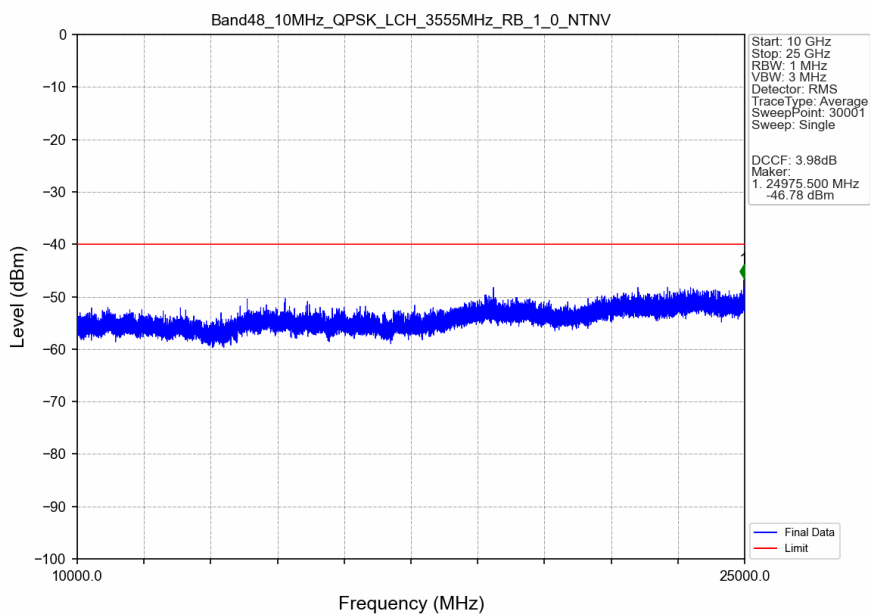


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3523.690   | -53.42      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3535.210   | -52.10      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3548.425   | -38.32      | -13         | Pass   |
| 3549        | 3550       | 0.03      | /      | 4          | 3549.940   | -37.76      | -13         | Pass   |
| 3550        | 3560       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3560        | 3561       | 0.03      | /      | 5          | 3560.425   | -59.79      | -13         | Pass   |
| 3561        | 3570       | 1         | CHP    | 6          | 3561.505   | -52.19      | -13         | Pass   |
| 3570        | 3720       | 1         | CHP    | 7          | 3570.010   | -53.83      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3727.285   | -55.64      | -40         | Pass   |

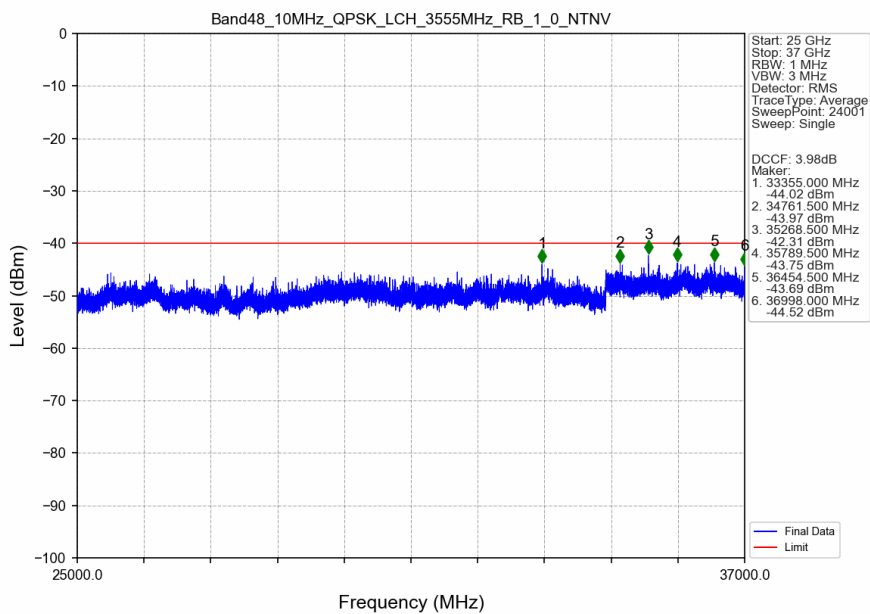
Band48 10MHz QPSK LCH 3555MHz RB 1 0 NTNV



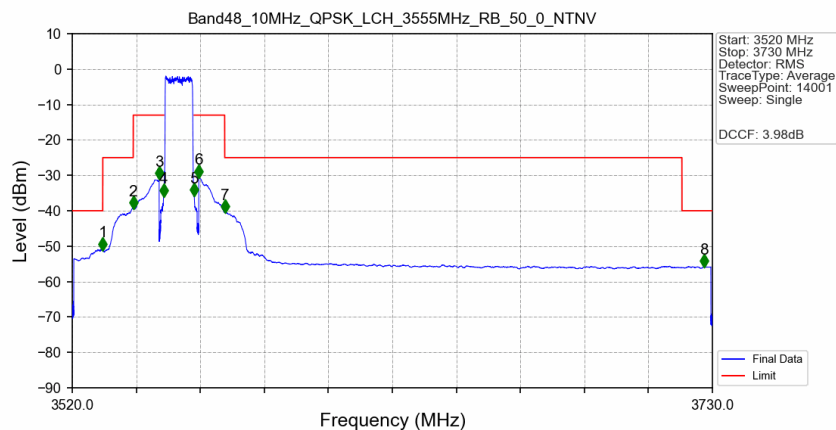
Band48\_10MHz\_QPSK\_LCH\_3555MHz\_RB\_1\_0\_NTNV



Band48\_10MHz\_QPSK\_LCH\_3555MHz\_RB\_1\_0\_NTNV

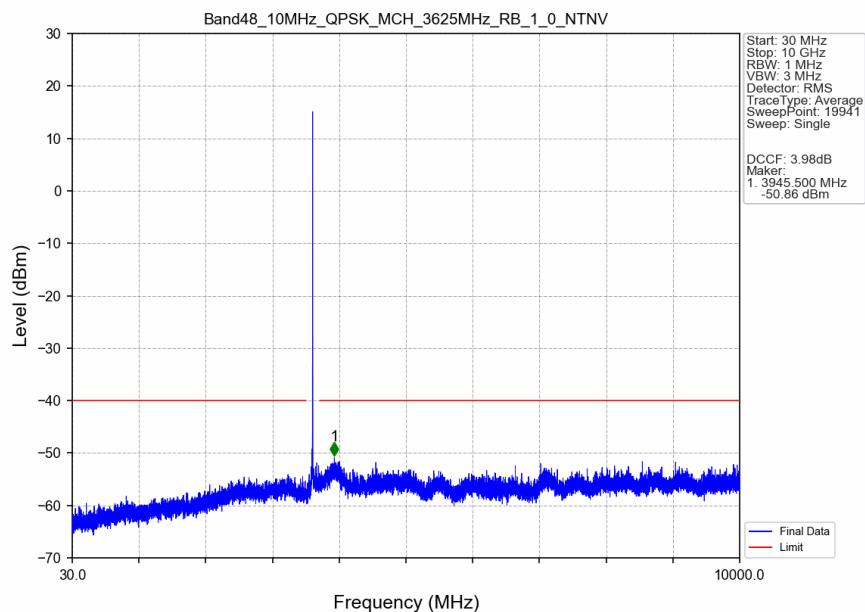


## Band48\_10MHz\_QPSK\_LCH\_3555MHz\_RB\_50\_0\_NTNV

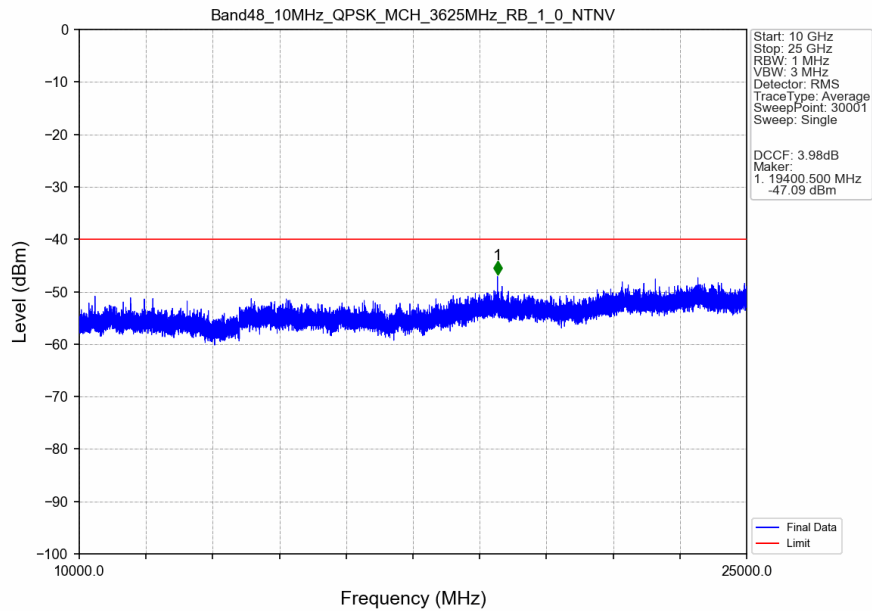


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.960   | -50.92      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.995   | -39.29      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3548.500   | -30.96      | -13         | Pass   |
| 3549        | 3550       | 0.099     | CHP    | 4          | 3549.970   | -35.73      | -13         | Pass   |
| 3550        | 3560       | 0.099     | CHP    | /          | /          | /           | /           | /      |
| 3560        | 3561       | 0.099     | CHP    | 5          | 3560.005   | -35.64      | -13         | Pass   |
| 3561        | 3570       | 1         | CHP    | 6          | 3561.505   | -30.41      | -13         | Pass   |
| 3570        | 3720       | 1         | CHP    | 7          | 3570.085   | -40.37      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3727.180   | -55.69      | -40         | Pass   |

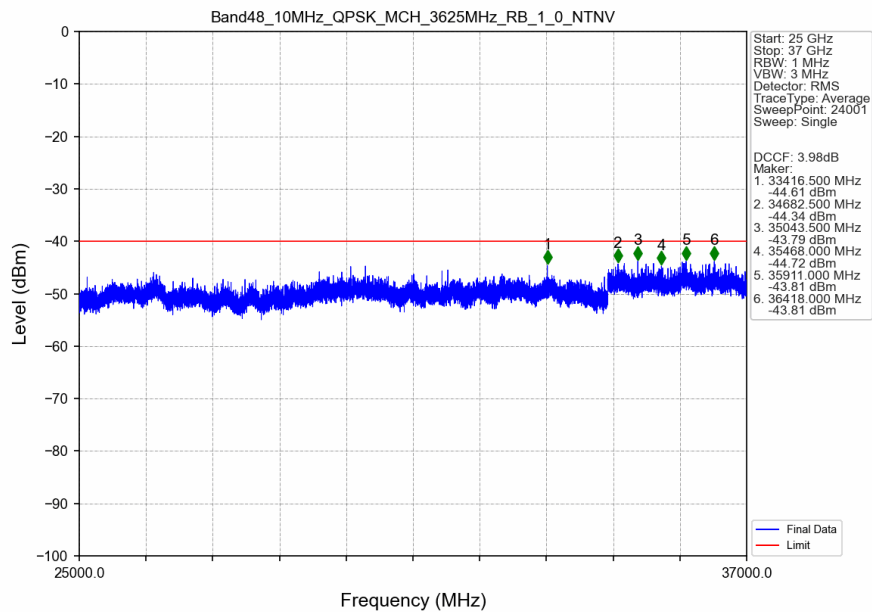
## Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



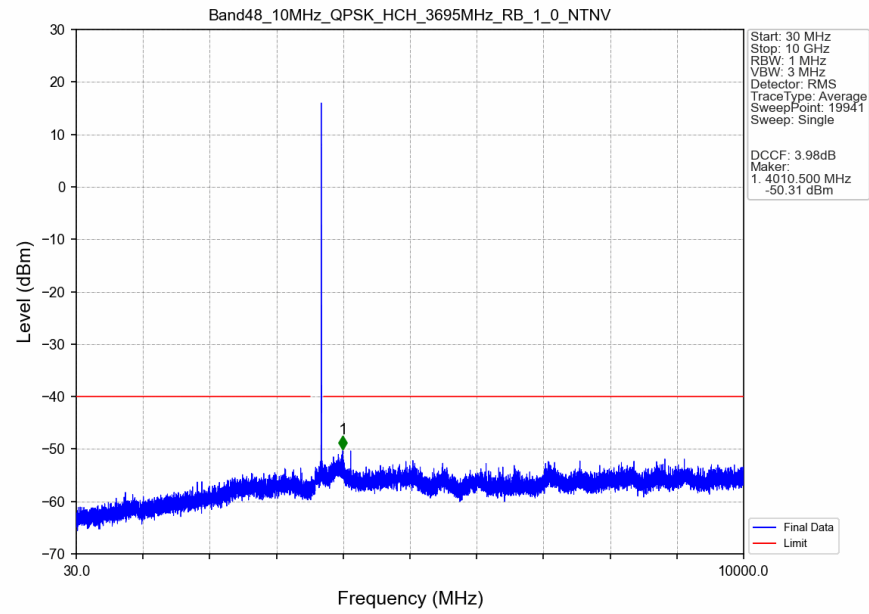
Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



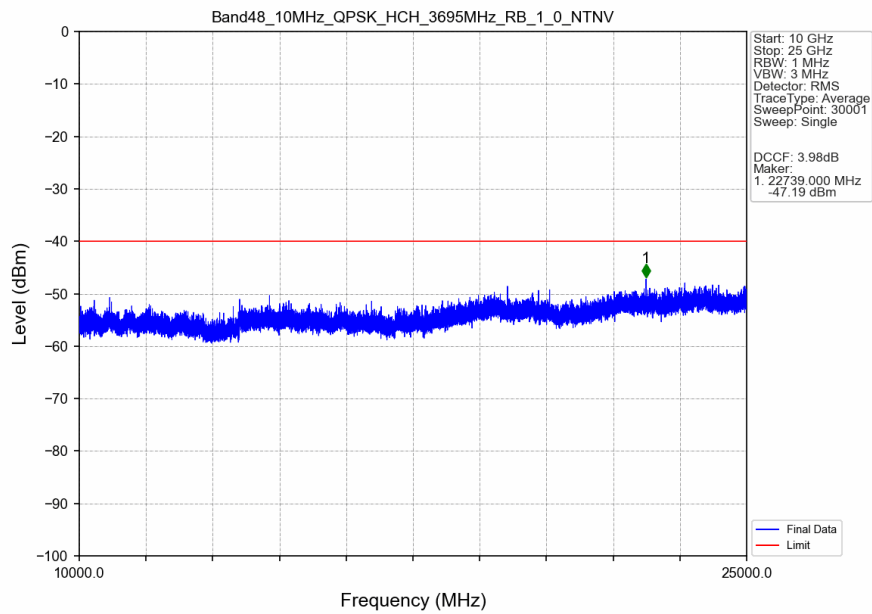
Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



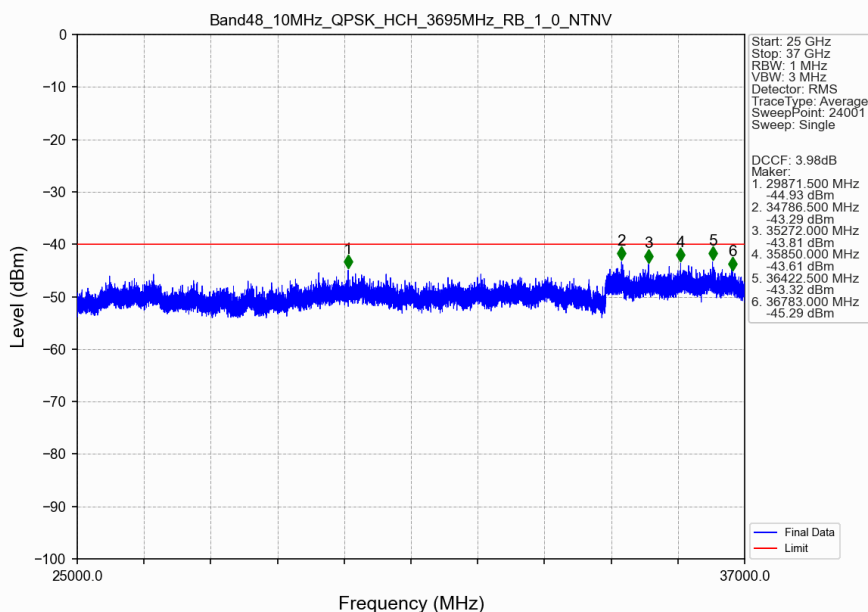
Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_0\_NTNV



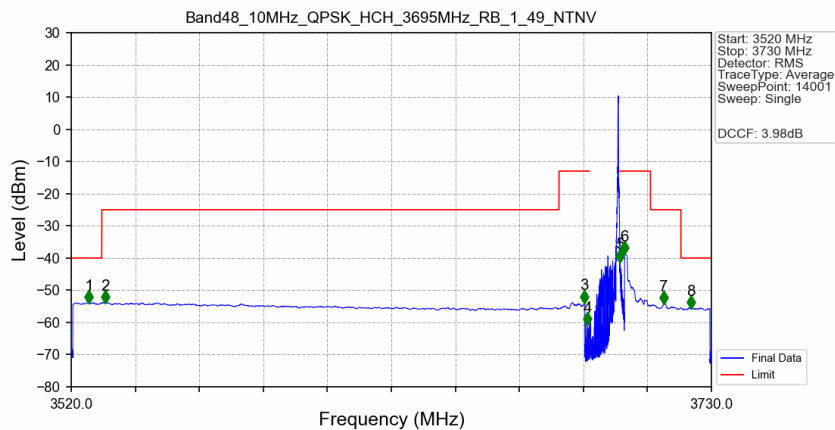
Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_0\_NTNV



## Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_0\_NTNV

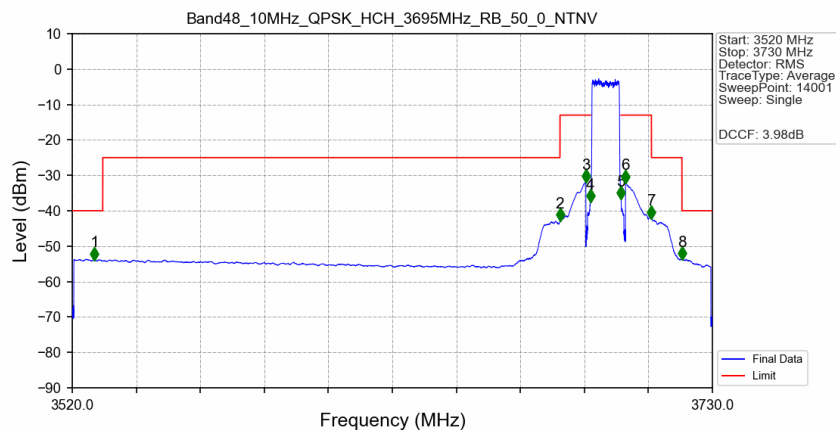


## Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_49\_NTNV



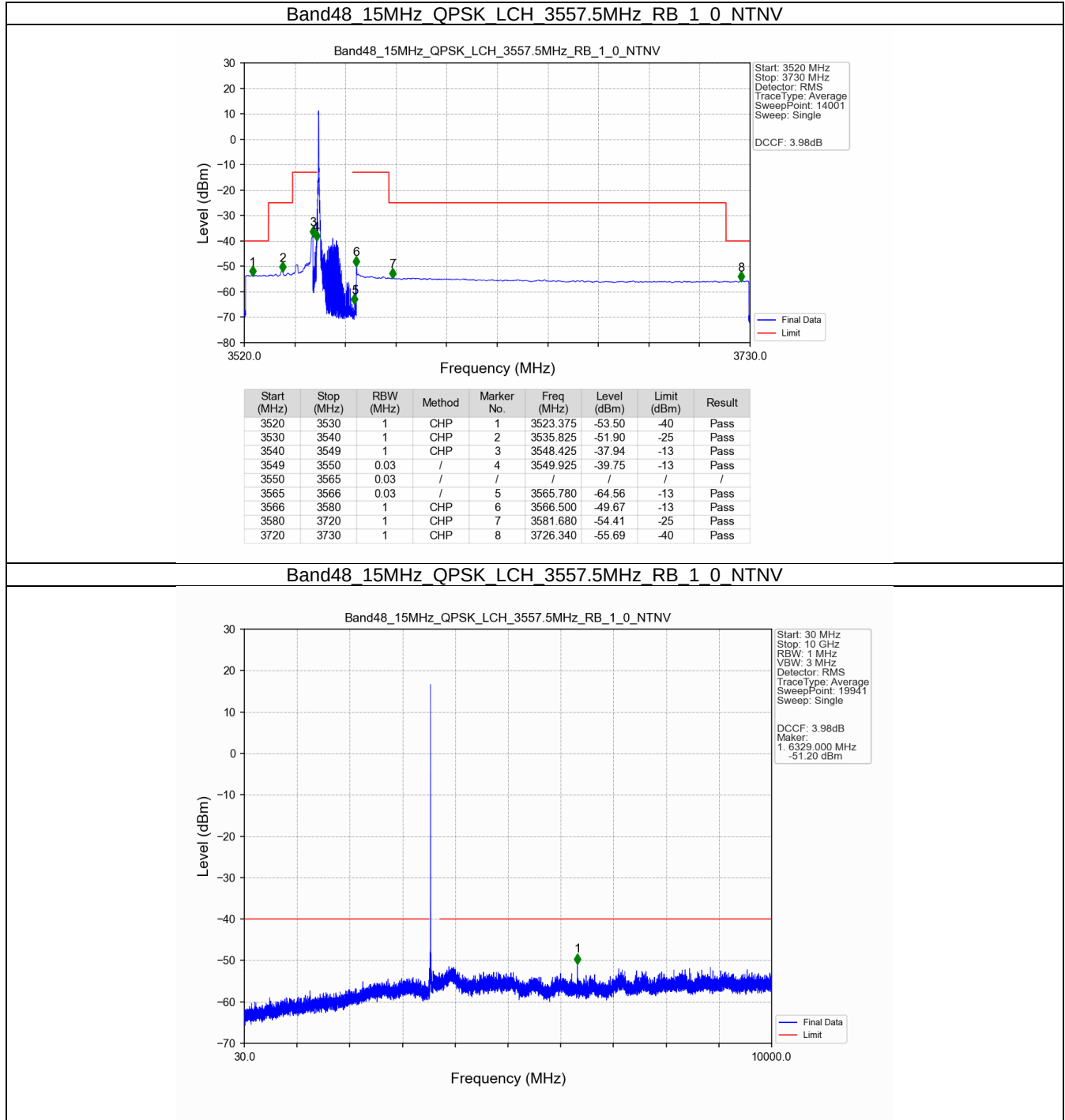
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3525.760   | -53.78      | -40         | Pass   |
| 3530        | 3680       | 1         | CHP    | 2          | 3531.100   | -53.80      | -25         | Pass   |
| 3680        | 3689       | 1         | CHP    | 3          | 3688.270   | -53.70      | -13         | Pass   |
| 3689        | 3690       | 0.03      | /      | 4          | 3689.365   | -60.57      | -13         | Pass   |
| 3690        | 3700       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3700        | 3701       | 0.03      | /      | 5          | 3700.030   | -41.01      | -13         | Pass   |
| 3701        | 3710       | 1         | CHP    | 6          | 3701.530   | -38.57      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3714.385   | -54.12      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3723.220   | -55.40      | -40         | Pass   |

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

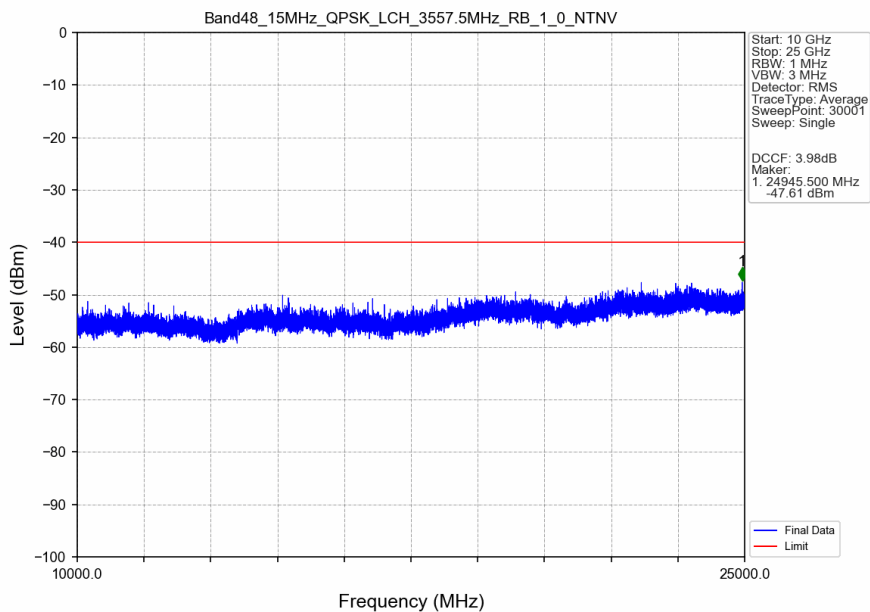


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3527.230   | -53.67      | -40         | Pass   |
| 3530        | 3680       | 1         | CHP    | 2          | 3679.990   | -42.66      | -25         | Pass   |
| 3680        | 3689       | 1         | CHP    | 3          | 3688.480   | -31.72      | -13         | Pass   |
| 3689        | 3690       | 0.099     | CHP    | 4          | 3689.980   | -37.34      | -13         | Pass   |
| 3690        | 3700       | 0.099     | CHP    | /          | /          | /           | /           | /      |
| 3700        | 3701       | 0.099     | CHP    | 5          | 3700.015   | -36.54      | -13         | Pass   |
| 3701        | 3710       | 1         | CHP    | 6          | 3701.500   | -31.89      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3710.005   | -41.93      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.070   | -53.63      | -40         | Pass   |

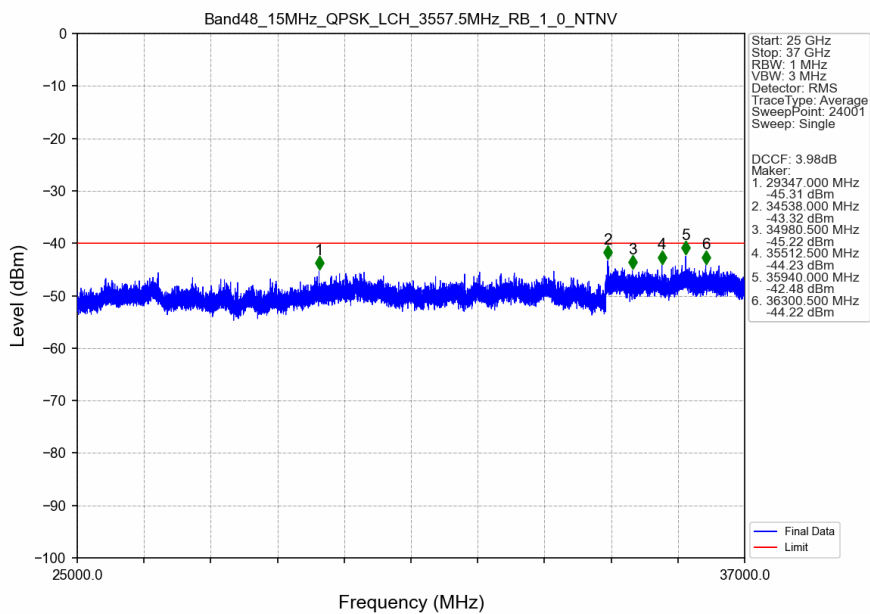
### 5.2.3 B48\_15MHz



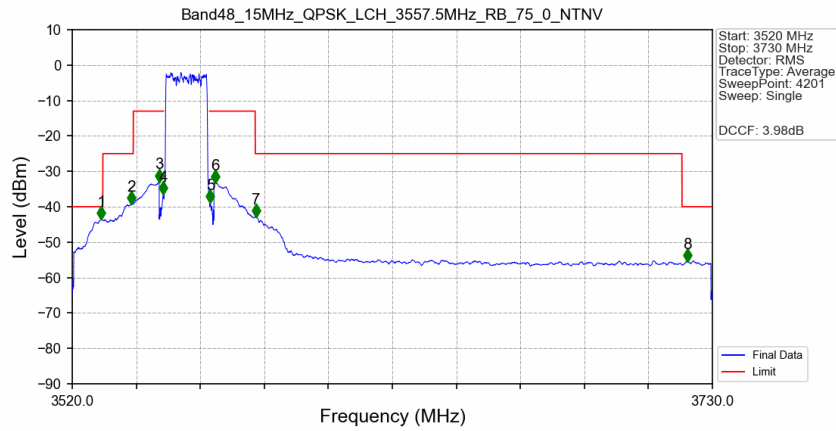
Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV



Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV

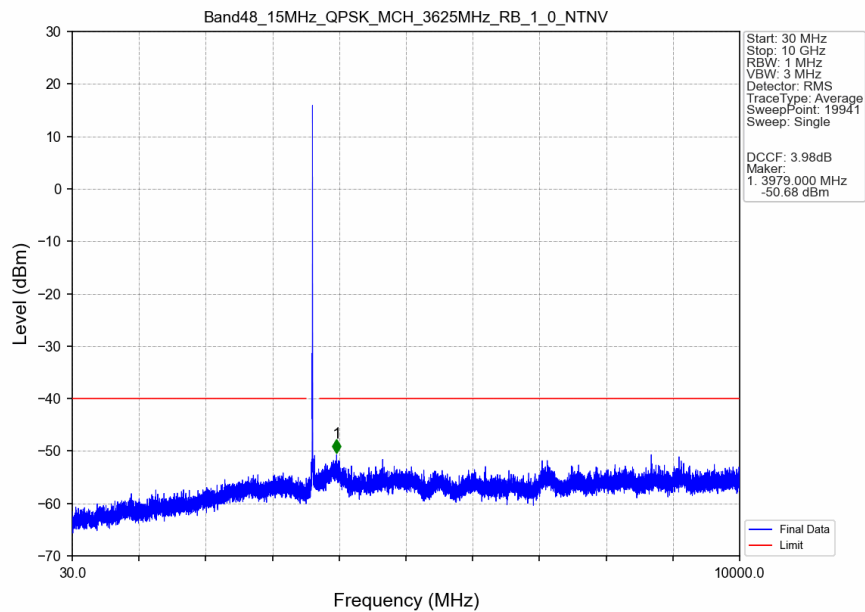


## Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV

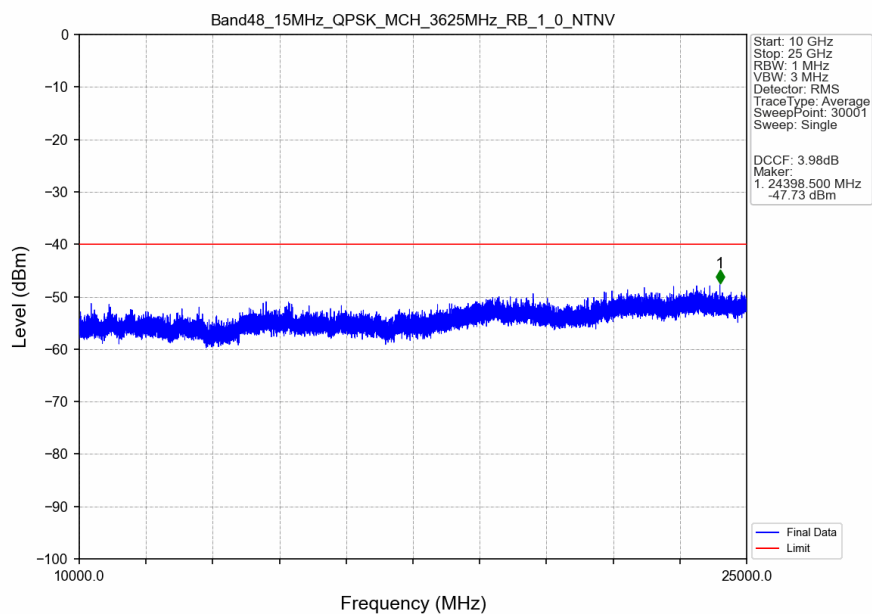


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.500   | -43.30      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3539.450   | -39.03      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3548.500   | -32.77      | -13         | Pass   |
| 3549        | 3550       | 0.147     | CHP    | 4          | 3549.900   | -36.34      | -13         | Pass   |
| 3550        | 3565       | 0.147     | CHP    | /          | /          | /           | /           | /      |
| 3565        | 3566       | 0.147     | CHP    | 5          | 3565.300   | -38.63      | -13         | Pass   |
| 3566        | 3580       | 1         | CHP    | 6          | 3566.850   | -33.05      | -13         | Pass   |
| 3580        | 3720       | 1         | CHP    | 7          | 3580.350   | -42.62      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3721.800   | -55.29      | -40         | Pass   |

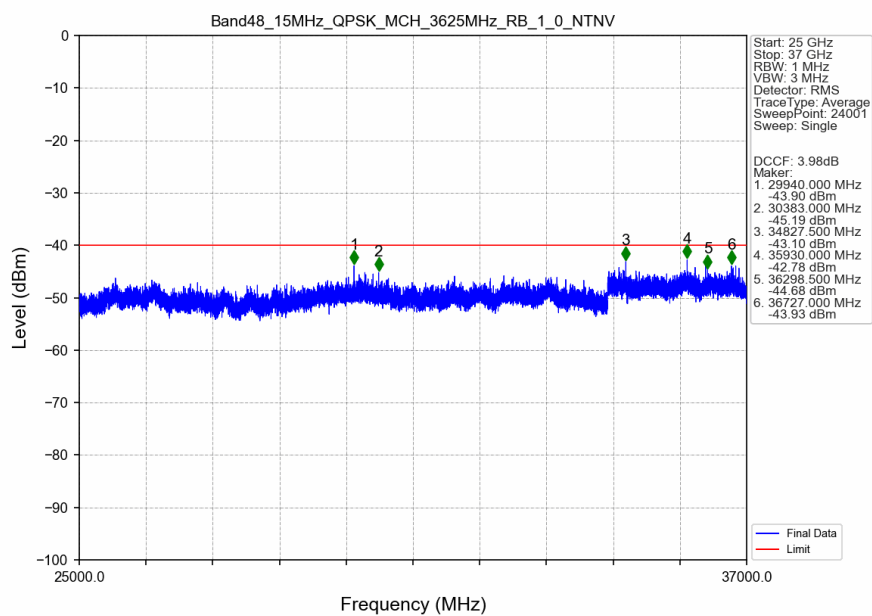
## Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



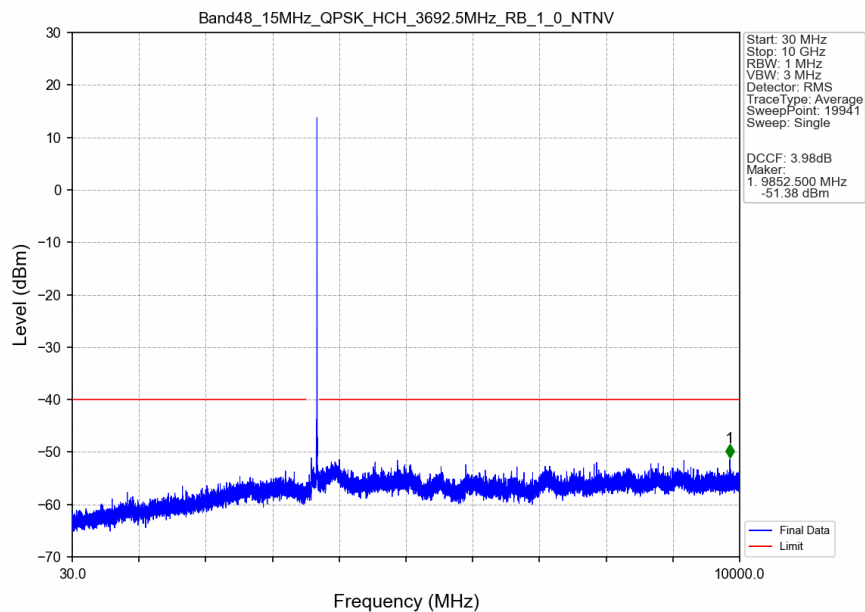
Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



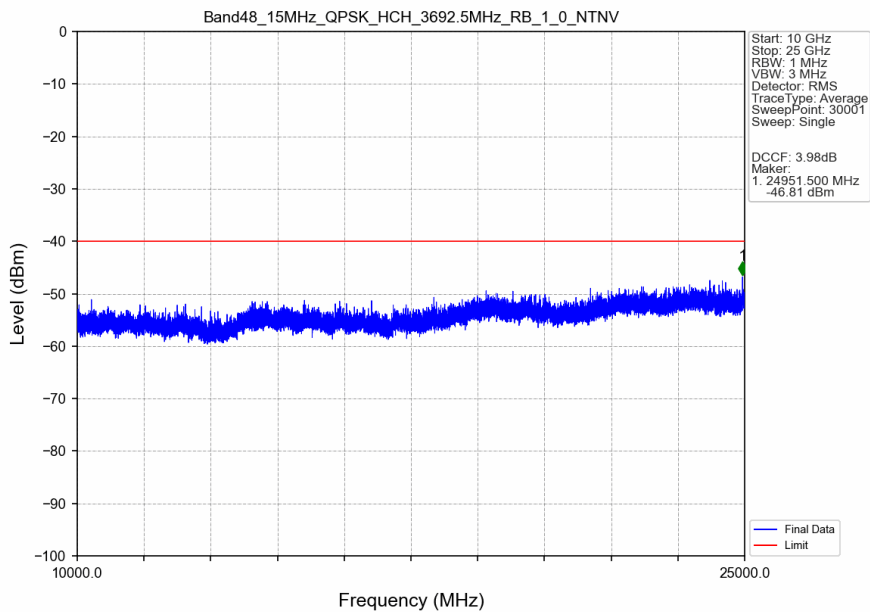
Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



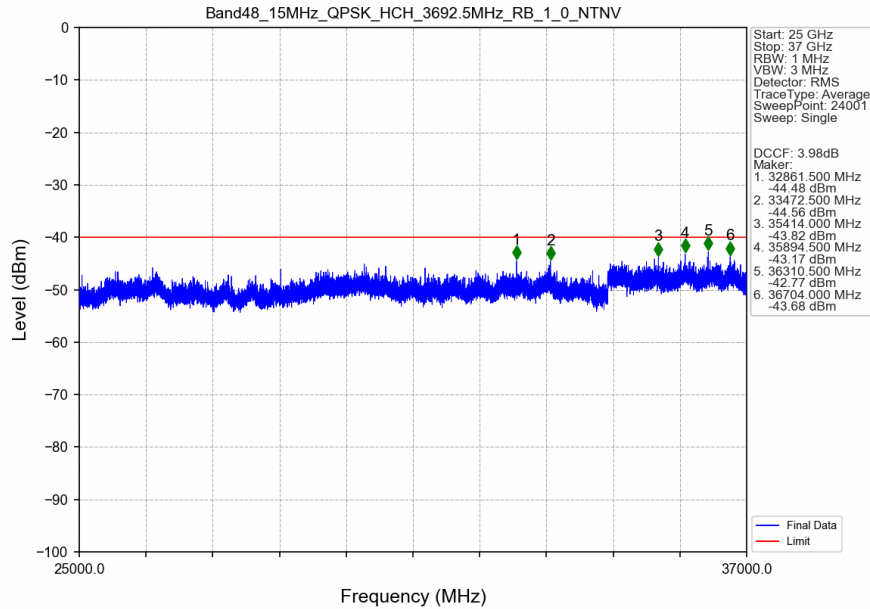
Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV



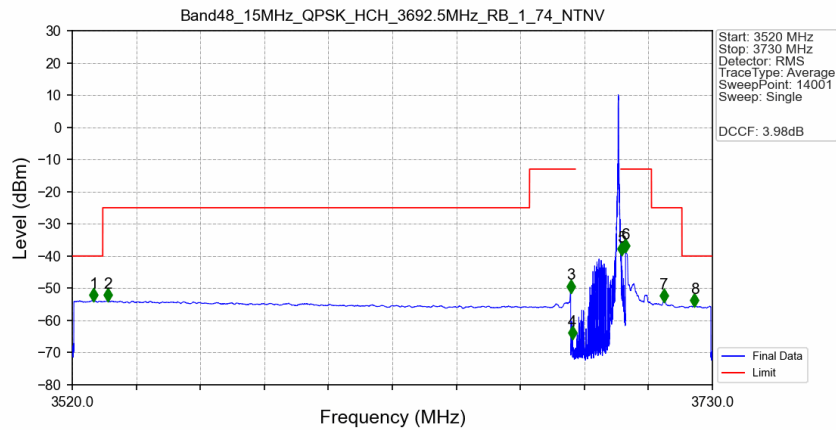
Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV



## Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV

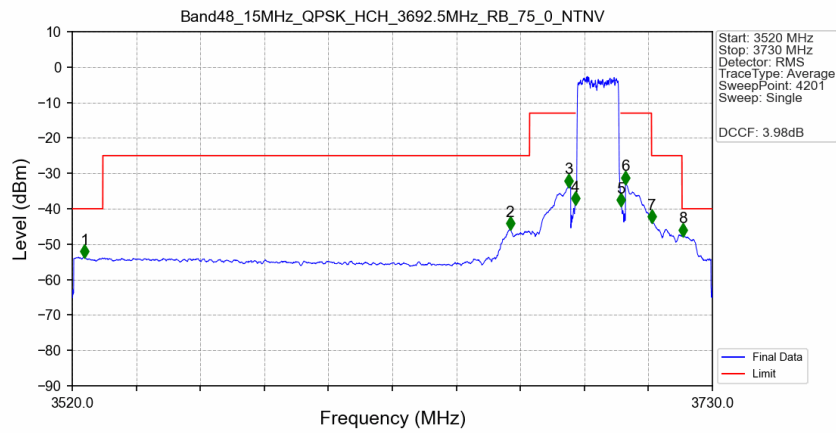


## Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_74\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3527.065   | -53.81      | -40         | Pass   |
| 3530        | 3670       | 1         | CHP    | 2          | 3531.595   | -53.88      | -25         | Pass   |
| 3670        | 3684       | 1         | CHP    | 3          | 3683.500   | -51.09      | -13         | Pass   |
| 3684        | 3685       | 0.03      | /      | 4          | 3684.025   | -65.55      | -13         | Pass   |
| 3685        | 3700       | 0.03      | /      | /          | /          | /           | /           | /      |
| 3700        | 3701       | 0.03      | /      | 5          | 3700.135   | -39.49      | -13         | Pass   |
| 3701        | 3710       | 1         | CHP    | 6          | 3701.500   | -38.45      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3714.190   | -54.10      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3724.165   | -55.43      | -40         | Pass   |

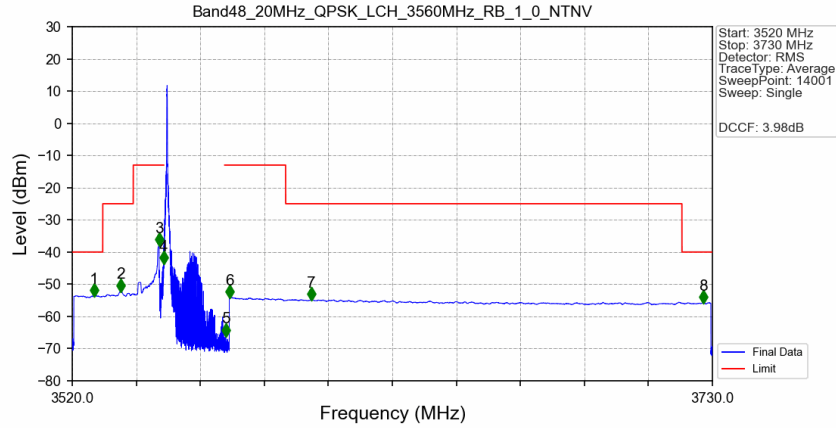
## Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



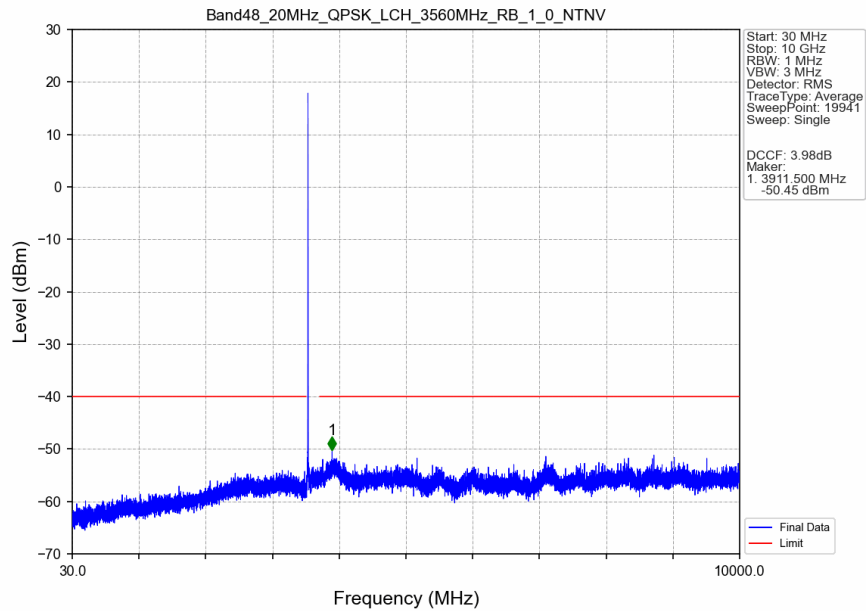
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3524.050   | -53.54      | -40         | Pass   |
| 3530        | 3670       | 1         | CHP    | 2          | 3663.600   | -45.66      | -25         | Pass   |
| 3670        | 3684       | 1         | CHP    | 3          | 3682.800   | -33.60      | -13         | Pass   |
| 3684        | 3685       | 0.147     | CHP    | 4          | 3684.950   | -38.69      | -13         | Pass   |
| 3685        | 3700       | 0.147     | CHP    | /          | /          | /           | /           | /      |
| 3700        | 3701       | 0.147     | CHP    | 5          | 3700.050   | -39.10      | -13         | Pass   |
| 3701        | 3710       | 1         | CHP    | 6          | 3701.550   | -32.76      | -13         | Pass   |
| 3710        | 3720       | 1         | CHP    | 7          | 3710.200   | -43.81      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3720.400   | -47.47      | -40         | Pass   |

## 5.2.4 B48\_20MHz

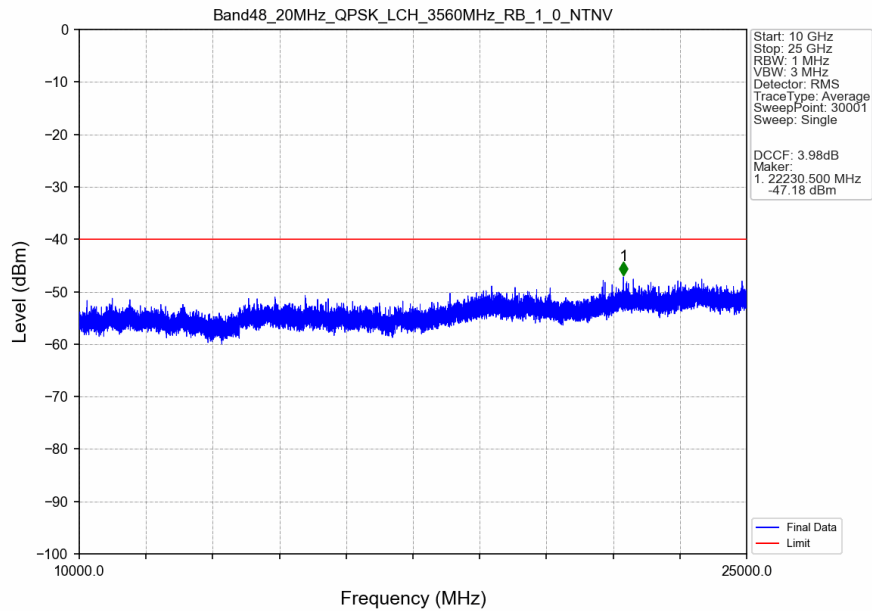
Band48 20MHz QPSK LCH 3560MHz RB 1 0 NTNV



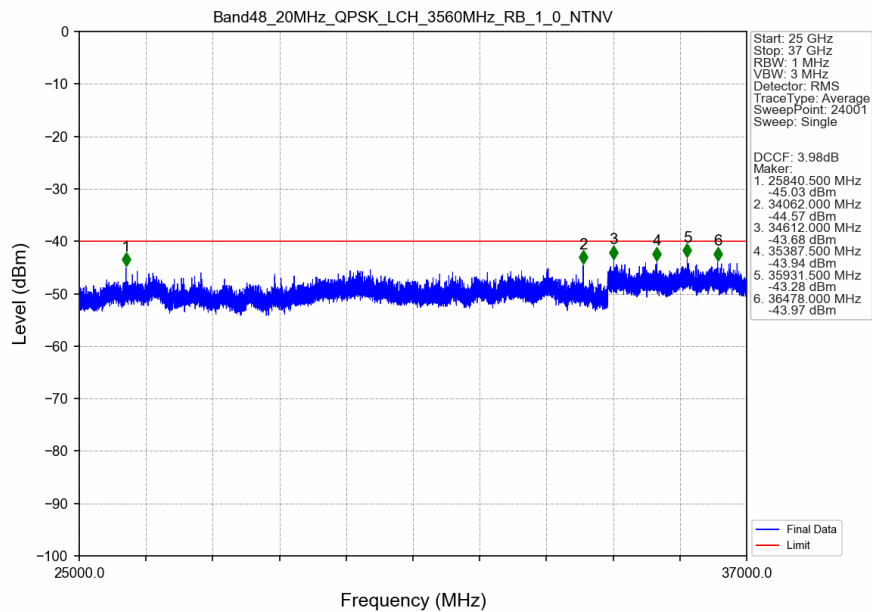
Band48 20MHz QPSK LCH 3560MHz RB 1 0 NTNV



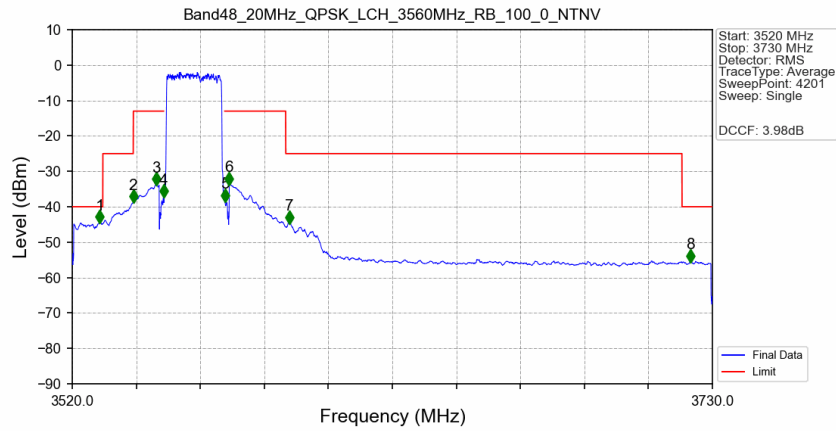
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_1\_0\_NTNV



Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_1\_0\_NTNV

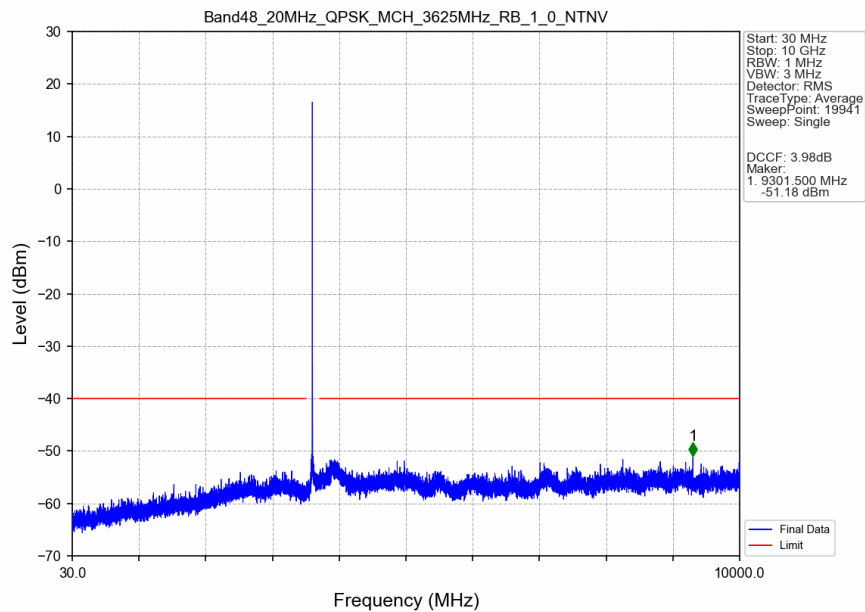


## Band48 20MHz\_QPSK\_LCH\_3560MHz\_RB\_100\_0\_NTNV

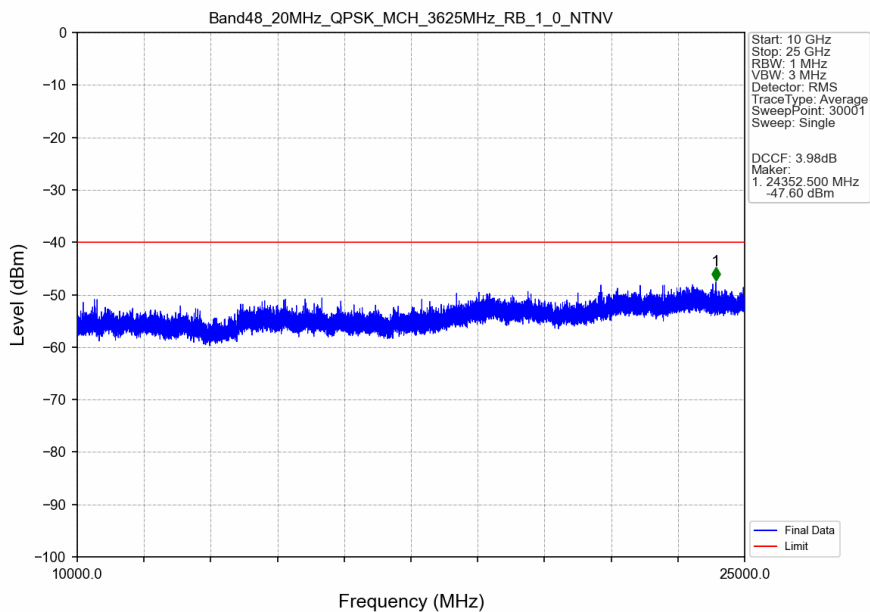


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 3520        | 3530       | 1         | CHP    | 1          | 3529.000   | -44.37      | -40         | Pass   |
| 3530        | 3540       | 1         | CHP    | 2          | 3540.000   | -38.65      | -25         | Pass   |
| 3540        | 3549       | 1         | CHP    | 3          | 3547.450   | -33.69      | -13         | Pass   |
| 3549        | 3550       | 0.193     | CHP    | 4          | 3549.950   | -37.15      | -13         | Pass   |
| 3550        | 3570       | 0.193     | CHP    | /          | /          | /           | /           | /      |
| 3570        | 3571       | 0.193     | CHP    | 5          | 3570.050   | -38.29      | -13         | Pass   |
| 3571        | 3590       | 1         | CHP    | 6          | 3571.500   | -33.58      | -13         | Pass   |
| 3590        | 3720       | 1         | CHP    | 7          | 3591.150   | -44.51      | -25         | Pass   |
| 3720        | 3730       | 1         | CHP    | 8          | 3722.900   | -55.39      | -40         | Pass   |

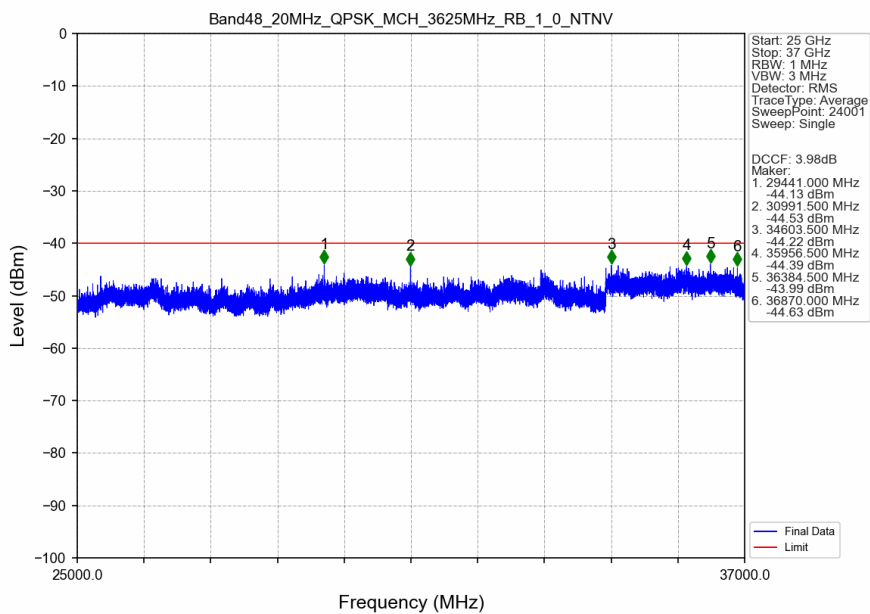
## Band48 20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



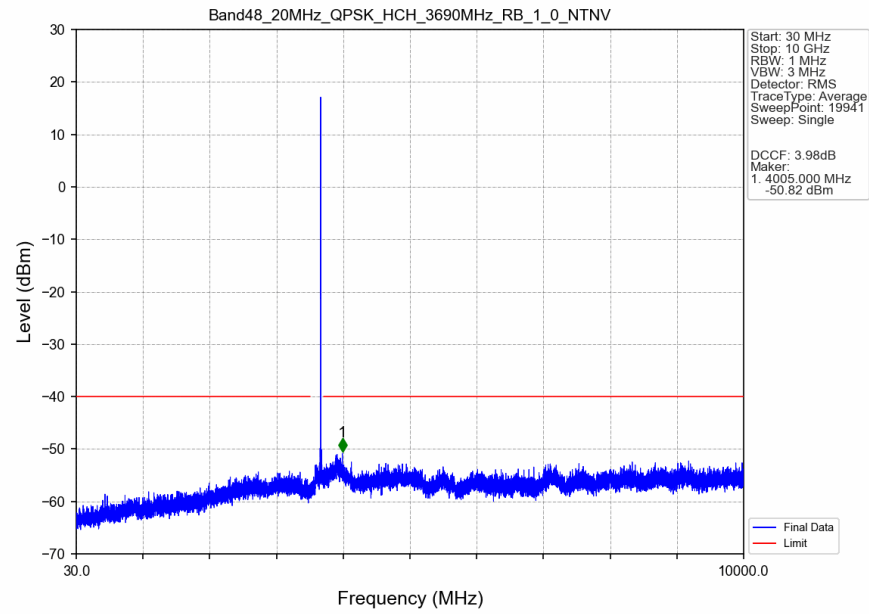
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_0\_NTNV



Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_0\_NTNV

