

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B66\_1.4MHz\_EIRP

| Band: 66 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                     |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                                | 1710.7          | 1             | 0      | 23.32                 | -0.47      | 22.85      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.35                 | -0.47      | 22.88      | <=30  | Pass    |
|                                     |                 |               | 5      | 23.31                 | -0.47      | 22.84      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 23.35                 | -0.47      | 22.88      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.33                 | -0.47      | 22.86      | <=30  | Pass    |
|                                     |                 |               | 3      | 23.32                 | -0.47      | 22.85      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 22.33                 | -0.47      | 21.86      | <=30  | Pass    |
|                                     | 1745            | 1             | 0      | 23.43                 | -0.47      | 22.96      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.43                 | -0.47      | 22.96      | <=30  | Pass    |
|                                     |                 |               | 5      | 23.41                 | -0.47      | 22.94      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 23.43                 | -0.47      | 22.96      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.43                 | -0.47      | 22.96      | <=30  | Pass    |
|                                     |                 |               | 3      | 23.41                 | -0.47      | 22.94      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 22.40                 | -0.47      | 21.93      | <=30  | Pass    |
|                                     | 1779.3          | 1             | 0      | 23.36                 | -0.47      | 22.89      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.39                 | -0.47      | 22.92      | <=30  | Pass    |
|                                     |                 |               | 5      | 23.41                 | -0.47      | 22.94      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 23.35                 | -0.47      | 22.88      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.38                 | -0.47      | 22.91      | <=30  | Pass    |
|                                     |                 |               | 3      | 23.36                 | -0.47      | 22.89      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 22.37                 | -0.47      | 21.90      | <=30  | Pass    |
| 16QAM                               | 1710.7          | 1             | 0      | 22.42                 | -0.47      | 21.95      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.52                 | -0.47      | 22.05      | <=30  | Pass    |
|                                     |                 |               | 5      | 22.51                 | -0.47      | 22.04      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 22.37                 | -0.47      | 21.90      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.33                 | -0.47      | 21.86      | <=30  | Pass    |
|                                     |                 |               | 3      | 22.35                 | -0.47      | 21.88      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 21.35                 | -0.47      | 20.88      | <=30  | Pass    |
|                                     | 1745            | 1             | 0      | 22.49                 | -0.47      | 22.02      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.56                 | -0.47      | 22.09      | <=30  | Pass    |
|                                     |                 |               | 5      | 22.48                 | -0.47      | 22.01      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 22.50                 | -0.47      | 22.03      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.51                 | -0.47      | 22.04      | <=30  | Pass    |
|                                     |                 |               | 3      | 22.53                 | -0.47      | 22.06      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 21.45                 | -0.47      | 20.98      | <=30  | Pass    |
|                                     | 1779.3          | 1             | 0      | 22.47                 | -0.47      | 22.00      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.53                 | -0.47      | 22.06      | <=30  | Pass    |
|                                     |                 |               | 5      | 22.48                 | -0.47      | 22.01      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 22.35                 | -0.47      | 21.88      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.38                 | -0.47      | 21.91      | <=30  | Pass    |
|                                     |                 |               | 3      | 22.37                 | -0.47      | 21.90      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 21.36                 | -0.47      | 20.89      | <=30  | Pass    |
| 64QAM                               | 1710.7          | 1             | 0      | 21.36                 | -0.47      | 20.89      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.52                 | -0.47      | 21.05      | <=30  | Pass    |
|                                     |                 |               | 5      | 21.48                 | -0.47      | 21.01      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.39                 | -0.47      | 20.92      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.47                 | -0.47      | 21.00      | <=30  | Pass    |
|                                     |                 |               | 3      | 21.38                 | -0.47      | 20.91      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 20.37                 | -0.47      | 19.90      | <=30  | Pass    |

|  |        |   |   |       |       |       |      |      |
|--|--------|---|---|-------|-------|-------|------|------|
|  | 1745   | 1 | 0 | 21.69 | -0.47 | 21.22 | <=30 | Pass |
|  |        |   | 2 | 21.70 | -0.47 | 21.23 | <=30 | Pass |
|  |        |   | 5 | 21.61 | -0.47 | 21.14 | <=30 | Pass |
|  |        | 3 | 0 | 21.58 | -0.47 | 21.11 | <=30 | Pass |
|  |        |   | 2 | 21.54 | -0.47 | 21.07 | <=30 | Pass |
|  |        |   | 3 | 21.51 | -0.47 | 21.04 | <=30 | Pass |
|  |        | 6 | 0 | 20.49 | -0.47 | 20.02 | <=30 | Pass |
|  | 1779.3 | 1 | 0 | 21.53 | -0.47 | 21.06 | <=30 | Pass |
|  |        |   | 2 | 21.54 | -0.47 | 21.07 | <=30 | Pass |
|  |        |   | 5 | 21.60 | -0.47 | 21.13 | <=30 | Pass |
|  |        | 3 | 0 | 21.47 | -0.47 | 21.00 | <=30 | Pass |
|  |        |   | 2 | 21.50 | -0.47 | 21.03 | <=30 | Pass |
|  |        |   | 3 | 21.45 | -0.47 | 20.98 | <=30 | Pass |
|  |        | 6 | 0 | 20.35 | -0.47 | 19.88 | <=30 | Pass |

|        |        |   |   |       |       |       |      |      |
|--------|--------|---|---|-------|-------|-------|------|------|
| 256QAM | 1710.7 | 1 | 0 | 18.46 | -0.47 | 17.99 | <=30 | Pass |
|        |        |   | 2 | 18.39 | -0.47 | 17.92 | <=30 | Pass |
|        |        |   | 5 | 18.47 | -0.47 | 18.00 | <=30 | Pass |
|        |        | 3 | 0 | 18.40 | -0.47 | 17.93 | <=30 | Pass |
|        |        |   | 2 | 18.37 | -0.47 | 17.90 | <=30 | Pass |
|        |        |   | 3 | 18.43 | -0.47 | 17.96 | <=30 | Pass |
|        |        | 6 | 0 | 18.36 | -0.47 | 17.89 | <=30 | Pass |
|        | 1745   | 1 | 0 | 18.51 | -0.47 | 18.04 | <=30 | Pass |
|        |        |   | 2 | 18.54 | -0.47 | 18.07 | <=30 | Pass |
|        |        |   | 5 | 18.51 | -0.47 | 18.04 | <=30 | Pass |
|        |        | 3 | 0 | 18.52 | -0.47 | 18.05 | <=30 | Pass |
|        |        |   | 2 | 18.51 | -0.47 | 18.04 | <=30 | Pass |
|        |        |   | 3 | 18.50 | -0.47 | 18.03 | <=30 | Pass |
|        |        | 6 | 0 | 18.40 | -0.47 | 17.93 | <=30 | Pass |
|        | 1779.3 | 1 | 0 | 18.51 | -0.47 | 18.04 | <=30 | Pass |
|        |        |   | 2 | 18.48 | -0.47 | 18.01 | <=30 | Pass |
|        |        |   | 5 | 18.45 | -0.47 | 17.98 | <=30 | Pass |
|        |        | 3 | 0 | 18.43 | -0.47 | 17.96 | <=30 | Pass |
|        |        |   | 2 | 18.45 | -0.47 | 17.98 | <=30 | Pass |
|        |        |   | 3 | 18.42 | -0.47 | 17.95 | <=30 | Pass |
|        |        | 6 | 0 | 18.44 | -0.47 | 17.97 | <=30 | Pass |

|                                          |  |  |  |  |  |  |  |  |
|------------------------------------------|--|--|--|--|--|--|--|--|
| Note1: EIRP=Conducted Power+Antenna Gain |  |  |  |  |  |  |  |  |
|------------------------------------------|--|--|--|--|--|--|--|--|

### 1.1.2 B66\_3MHz\_EIRP

| Band: 66 / Bandwidth: 3MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1711.5          | 1             | 0      | 23.32                 | -0.47      | 22.85      | <=30  | Pass    |
|                                   |                 |               | 7      | 23.41                 | -0.47      | 22.94      | <=30  | Pass    |
|                                   |                 |               | 14     | 23.30                 | -0.47      | 22.83      | <=30  | Pass    |
|                                   |                 | 8             | 0      | 22.33                 | -0.47      | 21.86      | <=30  | Pass    |
|                                   |                 |               | 4      | 22.36                 | -0.47      | 21.89      | <=30  | Pass    |
|                                   |                 |               | 7      | 22.35                 | -0.47      | 21.88      | <=30  | Pass    |
|                                   |                 | 15            | 0      | 22.32                 | -0.47      | 21.85      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 23.36                 | -0.47      | 22.89      | <=30  | Pass    |
|                                   |                 |               | 7      | 23.46                 | -0.47      | 22.99      | <=30  | Pass    |
|                                   |                 |               | 14     | 23.37                 | -0.47      | 22.90      | <=30  | Pass    |
|                                   |                 | 8             | 0      | 22.34                 | -0.47      | 21.87      | <=30  | Pass    |
|                                   |                 |               | 4      | 22.45                 | -0.47      | 21.98      | <=30  | Pass    |
|                                   |                 |               | 7      | 22.43                 | -0.47      | 21.96      | <=30  | Pass    |
|                                   | 1778.5          | 15            | 0      | 22.42                 | -0.47      | 21.95      | <=30  | Pass    |
|                                   | 1778.5          | 1             | 0      | 23.33                 | -0.47      | 22.86      | <=30  | Pass    |

|        |        |    |    |       |       |       |      |      |
|--------|--------|----|----|-------|-------|-------|------|------|
|        |        | 8  | 7  | 23.39 | -0.47 | 22.92 | <=30 | Pass |
|        |        |    | 14 | 23.27 | -0.47 | 22.80 | <=30 | Pass |
|        |        |    | 0  | 22.37 | -0.47 | 21.90 | <=30 | Pass |
|        |        |    | 4  | 22.41 | -0.47 | 21.94 | <=30 | Pass |
|        |        |    | 7  | 22.37 | -0.47 | 21.90 | <=30 | Pass |
| 16QAM  | 1711.5 | 1  | 0  | 22.41 | -0.47 | 21.94 | <=30 | Pass |
|        |        |    | 0  | 22.47 | -0.47 | 22.00 | <=30 | Pass |
|        |        |    | 7  | 22.51 | -0.47 | 22.04 | <=30 | Pass |
|        |        | 8  | 14 | 22.35 | -0.47 | 21.88 | <=30 | Pass |
|        |        |    | 0  | 21.38 | -0.47 | 20.91 | <=30 | Pass |
|        |        |    | 4  | 21.42 | -0.47 | 20.95 | <=30 | Pass |
|        |        |    | 7  | 21.37 | -0.47 | 20.90 | <=30 | Pass |
|        |        | 15 | 0  | 21.35 | -0.47 | 20.88 | <=30 | Pass |
|        |        |    | 0  | 22.47 | -0.47 | 22.00 | <=30 | Pass |
|        | 1745   | 1  | 7  | 22.64 | -0.47 | 22.17 | <=30 | Pass |
|        |        |    | 14 | 22.52 | -0.47 | 22.05 | <=30 | Pass |
|        |        |    | 0  | 21.39 | -0.47 | 20.92 | <=30 | Pass |
|        |        | 8  | 4  | 21.49 | -0.47 | 21.02 | <=30 | Pass |
|        |        |    | 7  | 21.49 | -0.47 | 21.02 | <=30 | Pass |
|        |        |    | 0  | 21.39 | -0.47 | 20.92 | <=30 | Pass |
|        |        | 15 | 0  | 22.46 | -0.47 | 21.99 | <=30 | Pass |
|        |        |    | 7  | 22.50 | -0.47 | 22.03 | <=30 | Pass |
|        |        |    | 14 | 22.48 | -0.47 | 22.01 | <=30 | Pass |
| 64QAM  | 1711.5 | 1  | 0  | 21.46 | -0.47 | 20.99 | <=30 | Pass |
|        |        |    | 4  | 21.43 | -0.47 | 20.96 | <=30 | Pass |
|        |        |    | 7  | 21.43 | -0.47 | 20.96 | <=30 | Pass |
|        |        | 8  | 0  | 21.40 | -0.47 | 20.93 | <=30 | Pass |
|        |        |    | 0  | 21.54 | -0.47 | 21.07 | <=30 | Pass |
|        |        |    | 7  | 21.48 | -0.47 | 21.01 | <=30 | Pass |
|        |        | 14 | 14 | 21.43 | -0.47 | 20.96 | <=30 | Pass |
|        |        |    | 0  | 20.40 | -0.47 | 19.93 | <=30 | Pass |
|        |        |    | 4  | 20.42 | -0.47 | 19.95 | <=30 | Pass |
| 256QAM | 1711.5 | 8  | 7  | 20.33 | -0.47 | 19.86 | <=30 | Pass |
|        |        |    | 0  | 20.39 | -0.47 | 19.92 | <=30 | Pass |
|        |        |    | 0  | 21.66 | -0.47 | 21.19 | <=30 | Pass |
|        | 1745   | 1  | 7  | 21.74 | -0.47 | 21.27 | <=30 | Pass |
|        |        |    | 14 | 21.62 | -0.47 | 21.15 | <=30 | Pass |
|        |        |    | 0  | 20.43 | -0.47 | 19.96 | <=30 | Pass |
|        |        | 8  | 4  | 20.51 | -0.47 | 20.04 | <=30 | Pass |
|        |        |    | 7  | 20.49 | -0.47 | 20.02 | <=30 | Pass |
|        |        |    | 0  | 20.48 | -0.47 | 20.01 | <=30 | Pass |
|        |        | 15 | 0  | 21.56 | -0.47 | 21.09 | <=30 | Pass |
|        |        |    | 7  | 21.59 | -0.47 | 21.12 | <=30 | Pass |
|        |        |    | 14 | 21.53 | -0.47 | 21.06 | <=30 | Pass |
|        | 1778.5 | 1  | 0  | 20.42 | -0.47 | 19.95 | <=30 | Pass |
|        |        |    | 4  | 20.47 | -0.47 | 20.00 | <=30 | Pass |
|        |        |    | 7  | 20.42 | -0.47 | 19.95 | <=30 | Pass |
|        |        | 8  | 0  | 20.40 | -0.47 | 19.93 | <=30 | Pass |
|        |        |    | 0  | 18.38 | -0.47 | 17.91 | <=30 | Pass |
|        |        |    | 7  | 18.50 | -0.47 | 18.03 | <=30 | Pass |
|        |        | 14 | 14 | 18.45 | -0.47 | 17.98 | <=30 | Pass |
|        |        |    | 0  | 18.40 | -0.47 | 17.93 | <=30 | Pass |
|        |        |    | 4  | 18.45 | -0.47 | 17.98 | <=30 | Pass |
|        | 1778.5 | 8  | 7  | 18.39 | -0.47 | 17.92 | <=30 | Pass |
|        |        |    | 0  | 18.44 | -0.47 | 17.97 | <=30 | Pass |
|        |        |    | 0  | 18.54 | -0.47 | 18.07 | <=30 | Pass |
|        | 1745   | 1  | 7  | 18.63 | -0.47 | 18.16 | <=30 | Pass |
|        |        |    | 14 | 18.55 | -0.47 | 18.08 | <=30 | Pass |
|        |        |    | 0  | 18.39 | -0.47 | 17.92 | <=30 | Pass |

|                                          |        |    |    |       |       |       |      |      |
|------------------------------------------|--------|----|----|-------|-------|-------|------|------|
|                                          |        |    | 4  | 18.52 | -0.47 | 18.05 | <=30 | Pass |
|                                          |        |    | 7  | 18.44 | -0.47 | 17.97 | <=30 | Pass |
|                                          |        | 15 | 0  | 18.46 | -0.47 | 17.99 | <=30 | Pass |
|                                          | 1778.5 | 1  | 0  | 18.52 | -0.47 | 18.05 | <=30 | Pass |
|                                          |        |    | 7  | 18.53 | -0.47 | 18.06 | <=30 | Pass |
|                                          |        |    | 14 | 18.44 | -0.47 | 17.97 | <=30 | Pass |
|                                          |        | 8  | 0  | 18.43 | -0.47 | 17.96 | <=30 | Pass |
|                                          |        |    | 4  | 18.49 | -0.47 | 18.02 | <=30 | Pass |
|                                          |        |    | 7  | 18.41 | -0.47 | 17.94 | <=30 | Pass |
|                                          |        | 15 | 0  | 18.38 | -0.47 | 17.91 | <=30 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |        |    |    |       |       |       |      |      |

### 1.1.3 B66\_5MHz\_EIRP

| Band: 66 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1712.5          | 1             | 0      | 23.30                 | -0.47      | 22.83      | <=30  | Pass    |
|                                   |                 |               | 13     | 23.33                 | -0.47      | 22.86      | <=30  | Pass    |
|                                   |                 |               | 24     | 23.25                 | -0.47      | 22.78      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 22.32                 | -0.47      | 21.85      | <=30  | Pass    |
|                                   |                 |               | 6      | 22.32                 | -0.47      | 21.85      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.28                 | -0.47      | 21.81      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 22.34                 | -0.47      | 21.87      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 23.40                 | -0.47      | 22.93      | <=30  | Pass    |
|                                   |                 |               | 13     | 23.48                 | -0.47      | 23.01      | <=30  | Pass    |
|                                   |                 |               | 24     | 23.38                 | -0.47      | 22.91      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 22.38                 | -0.47      | 21.91      | <=30  | Pass    |
|                                   |                 |               | 6      | 22.47                 | -0.47      | 22.00      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.41                 | -0.47      | 21.94      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 22.45                 | -0.47      | 21.98      | <=30  | Pass    |
|                                   | 1777.5          | 1             | 0      | 23.37                 | -0.47      | 22.90      | <=30  | Pass    |
|                                   |                 |               | 13     | 23.47                 | -0.47      | 23.00      | <=30  | Pass    |
|                                   |                 |               | 24     | 23.32                 | -0.47      | 22.85      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 22.37                 | -0.47      | 21.90      | <=30  | Pass    |
|                                   |                 |               | 6      | 22.39                 | -0.47      | 21.92      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.36                 | -0.47      | 21.89      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 22.36                 | -0.47      | 21.89      | <=30  | Pass    |
| 16QAM                             | 1712.5          | 1             | 0      | 22.32                 | -0.47      | 21.85      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.44                 | -0.47      | 21.97      | <=30  | Pass    |
|                                   |                 |               | 24     | 22.34                 | -0.47      | 21.87      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 21.39                 | -0.47      | 20.92      | <=30  | Pass    |
|                                   |                 |               | 6      | 21.39                 | -0.47      | 20.92      | <=30  | Pass    |
|                                   |                 |               | 13     | 21.41                 | -0.47      | 20.94      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 21.35                 | -0.47      | 20.88      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 22.51                 | -0.47      | 22.04      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.59                 | -0.47      | 22.12      | <=30  | Pass    |
|                                   |                 |               | 24     | 22.49                 | -0.47      | 22.02      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 21.38                 | -0.47      | 20.91      | <=30  | Pass    |
|                                   |                 |               | 6      | 21.54                 | -0.47      | 21.07      | <=30  | Pass    |
|                                   |                 |               | 13     | 21.41                 | -0.47      | 20.94      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 21.46                 | -0.47      | 20.99      | <=30  | Pass    |
|                                   | 1777.5          | 1             | 0      | 22.55                 | -0.47      | 22.08      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.58                 | -0.47      | 22.11      | <=30  | Pass    |
|                                   |                 |               | 24     | 22.41                 | -0.47      | 21.94      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 21.39                 | -0.47      | 20.92      | <=30  | Pass    |
|                                   |                 |               | 6      | 21.44                 | -0.47      | 20.97      | <=30  | Pass    |

|                                          |        |        |        |       |       |       |       |       |      |      |
|------------------------------------------|--------|--------|--------|-------|-------|-------|-------|-------|------|------|
|                                          |        |        | 13     | 21.41 | -0.47 | 20.94 | <=30  | Pass  |      |      |
|                                          |        | 25     | 0      | 21.36 | -0.47 | 20.89 | <=30  | Pass  |      |      |
| 64QAM                                    | 1712.5 | 1      | 0      | 21.65 | -0.47 | 21.18 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 21.67 | -0.47 | 21.20 | <=30  | Pass  |      |      |
|                                          |        |        | 24     | 21.49 | -0.47 | 21.02 | <=30  | Pass  |      |      |
|                                          |        |        | 0      | 20.35 | -0.47 | 19.88 | <=30  | Pass  |      |      |
|                                          |        | 12     | 6      | 20.43 | -0.47 | 19.96 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 20.43 | -0.47 | 19.96 | <=30  | Pass  |      |      |
|                                          |        |        | 25     | 0     | 20.36 | -0.47 | 19.89 | <=30  | Pass |      |
|                                          |        | 1745   | 1      | 0     | 21.83 | -0.47 | 21.36 | <=30  | Pass |      |
|                                          |        |        |        | 13    | 21.79 | -0.47 | 21.32 | <=30  | Pass |      |
|                                          | 24     |        |        | 21.74 | -0.47 | 21.27 | <=30  | Pass  |      |      |
|                                          | 0      |        |        | 20.41 | -0.47 | 19.94 | <=30  | Pass  |      |      |
|                                          | 12     |        | 6      | 20.49 | -0.47 | 20.02 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 20.42 | -0.47 | 19.95 | <=30  | Pass  |      |      |
|                                          |        |        | 25     | 0     | 20.48 | -0.47 | 20.01 | <=30  | Pass |      |
|                                          | 1777.5 |        | 1      | 0     | 21.57 | -0.47 | 21.10 | <=30  | Pass |      |
|                                          |        |        |        | 13    | 21.71 | -0.47 | 21.24 | <=30  | Pass |      |
|                                          |        | 24     |        | 21.63 | -0.47 | 21.16 | <=30  | Pass  |      |      |
|                                          |        | 0      |        | 20.39 | -0.47 | 19.92 | <=30  | Pass  |      |      |
|                                          |        | 12     | 6      | 20.46 | -0.47 | 19.99 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 20.44 | -0.47 | 19.97 | <=30  | Pass  |      |      |
|                                          |        |        | 25     | 0     | 20.43 | -0.47 | 19.96 | <=30  | Pass |      |
|                                          |        | 256QAM | 1712.5 | 1     | 0     | 18.46 | -0.47 | 17.99 | <=30 | Pass |
|                                          |        |        |        |       | 13    | 18.49 | -0.47 | 18.02 | <=30 | Pass |
| 24                                       | 18.37  |        |        |       | -0.47 | 17.90 | <=30  | Pass  |      |      |
| 12                                       | 0      |        |        | 18.43 | -0.47 | 17.96 | <=30  | Pass  |      |      |
|                                          | 6      |        |        | 18.41 | -0.47 | 17.94 | <=30  | Pass  |      |      |
|                                          | 13     |        |        | 18.38 | -0.47 | 17.91 | <=30  | Pass  |      |      |
| 25                                       | 0      |        |        | 18.39 | -0.47 | 17.92 | <=30  | Pass  |      |      |
| 1745                                     | 1      |        | 0      | 18.49 | -0.47 | 18.02 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 18.59 | -0.47 | 18.12 | <=30  | Pass  |      |      |
|                                          |        |        | 24     | 18.68 | -0.47 | 18.21 | <=30  | Pass  |      |      |
|                                          | 12     |        | 0      | 18.44 | -0.47 | 17.97 | <=30  | Pass  |      |      |
|                                          |        |        | 6      | 18.51 | -0.47 | 18.04 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 18.49 | -0.47 | 18.02 | <=30  | Pass  |      |      |
|                                          | 25     |        | 0      | 18.45 | -0.47 | 17.98 | <=30  | Pass  |      |      |
| 1777.5                                   | 1      |        | 0      | 18.43 | -0.47 | 17.96 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 18.58 | -0.47 | 18.11 | <=30  | Pass  |      |      |
|                                          |        |        | 24     | 18.51 | -0.47 | 18.04 | <=30  | Pass  |      |      |
|                                          | 12     |        | 0      | 18.45 | -0.47 | 17.98 | <=30  | Pass  |      |      |
|                                          |        |        | 6      | 18.45 | -0.47 | 17.98 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 18.45 | -0.47 | 17.98 | <=30  | Pass  |      |      |
|                                          | 25     |        | 0      | 18.40 | -0.47 | 17.93 | <=30  | Pass  |      |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |        |       |       |       |       |       |      |      |

#### 1.1.4 B66\_10MHz\_EIRP

| Band: 66 / Bandwidth: 10MHz / NTV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1715            | 1             | 0      | 23.34                 | -0.47      | 22.87      | <=30  | Pass    |
|                                   |                 |               | 25     | 23.25                 | -0.47      | 22.78      | <=30  | Pass    |
|                                   |                 |               | 49     | 23.20                 | -0.47      | 22.73      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 22.30                 | -0.47      | 21.83      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.36                 | -0.47      | 21.89      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.29                 | -0.47      | 21.82      | <=30  | Pass    |

|        |       |      |       |       |       |       |       |      |
|--------|-------|------|-------|-------|-------|-------|-------|------|
|        |       | 50   | 0     | 22.32 | -0.47 | 21.85 | <=30  | Pass |
|        | 1745  | 1    | 0     | 23.49 | -0.47 | 23.02 | <=30  | Pass |
|        |       |      | 25    | 23.47 | -0.47 | 23.00 | <=30  | Pass |
|        |       |      | 49    | 23.34 | -0.47 | 22.87 | <=30  | Pass |
|        |       |      | 0     | 22.40 | -0.47 | 21.93 | <=30  | Pass |
|        |       | 25   | 13    | 22.47 | -0.47 | 22.00 | <=30  | Pass |
|        |       |      | 25    | 22.41 | -0.47 | 21.94 | <=30  | Pass |
|        |       |      | 50    | 0     | 22.45 | -0.47 | 21.98 | <=30 |
|        | 1775  | 1    | 0     | 23.38 | -0.47 | 22.91 | <=30  | Pass |
|        |       |      | 25    | 23.41 | -0.47 | 22.94 | <=30  | Pass |
|        |       |      | 49    | 23.35 | -0.47 | 22.88 | <=30  | Pass |
|        |       |      | 0     | 22.29 | -0.47 | 21.82 | <=30  | Pass |
|        |       | 25   | 13    | 22.34 | -0.47 | 21.87 | <=30  | Pass |
|        |       |      | 25    | 22.36 | -0.47 | 21.89 | <=30  | Pass |
|        |       |      | 50    | 0     | 22.32 | -0.47 | 21.85 | <=30 |
| 16QAM  | 1715  | 1    | 0     | 22.43 | -0.47 | 21.96 | <=30  | Pass |
|        |       |      | 25    | 22.49 | -0.47 | 22.02 | <=30  | Pass |
|        |       |      | 49    | 22.39 | -0.47 | 21.92 | <=30  | Pass |
|        |       |      | 0     | 21.36 | -0.47 | 20.89 | <=30  | Pass |
|        |       | 25   | 13    | 21.36 | -0.47 | 20.89 | <=30  | Pass |
|        |       |      | 25    | 21.32 | -0.47 | 20.85 | <=30  | Pass |
|        |       |      | 50    | 0     | 21.32 | -0.47 | 20.85 | <=30 |
|        | 1745  | 1    | 0     | 22.59 | -0.47 | 22.12 | <=30  | Pass |
|        |       |      | 25    | 22.59 | -0.47 | 22.12 | <=30  | Pass |
|        |       |      | 49    | 22.53 | -0.47 | 22.06 | <=30  | Pass |
|        |       |      | 0     | 21.44 | -0.47 | 20.97 | <=30  | Pass |
|        |       | 25   | 13    | 21.50 | -0.47 | 21.03 | <=30  | Pass |
|        |       |      | 25    | 21.43 | -0.47 | 20.96 | <=30  | Pass |
|        |       |      | 50    | 0     | 21.44 | -0.47 | 20.97 | <=30 |
|        | 1775  | 1    | 0     | 22.52 | -0.47 | 22.05 | <=30  | Pass |
|        |       |      | 25    | 22.53 | -0.47 | 22.06 | <=30  | Pass |
|        |       |      | 49    | 22.45 | -0.47 | 21.98 | <=30  | Pass |
|        |       |      | 0     | 21.34 | -0.47 | 20.87 | <=30  | Pass |
|        |       | 25   | 13    | 21.38 | -0.47 | 20.91 | <=30  | Pass |
|        |       |      | 25    | 21.42 | -0.47 | 20.95 | <=30  | Pass |
|        |       |      | 50    | 0     | 21.31 | -0.47 | 20.84 | <=30 |
|        | 64QAM | 1715 | 1     | 0     | 21.54 | -0.47 | 21.07 | <=30 |
| 25     |       |      |       | 21.52 | -0.47 | 21.05 | <=30  | Pass |
| 49     |       |      |       | 21.37 | -0.47 | 20.90 | <=30  | Pass |
| 0      |       |      |       | 20.36 | -0.47 | 19.89 | <=30  | Pass |
| 25     |       |      | 13    | 20.36 | -0.47 | 19.89 | <=30  | Pass |
|        |       |      | 25    | 20.33 | -0.47 | 19.86 | <=30  | Pass |
|        |       |      | 50    | 0     | 20.37 | -0.47 | 19.90 | <=30 |
| 1745   |       | 1    | 0     | 21.59 | -0.47 | 21.12 | <=30  | Pass |
|        |       |      | 25    | 21.64 | -0.47 | 21.17 | <=30  | Pass |
|        |       |      | 49    | 21.57 | -0.47 | 21.10 | <=30  | Pass |
|        |       |      | 0     | 20.46 | -0.47 | 19.99 | <=30  | Pass |
|        |       | 25   | 13    | 20.50 | -0.47 | 20.03 | <=30  | Pass |
|        |       |      | 25    | 20.47 | -0.47 | 20.00 | <=30  | Pass |
| 1775   |       | 1    | 0     | 21.61 | -0.47 | 21.14 | <=30  | Pass |
|        |       |      | 25    | 21.57 | -0.47 | 21.10 | <=30  | Pass |
|        |       |      | 49    | 21.53 | -0.47 | 21.06 | <=30  | Pass |
|        |       |      | 0     | 20.35 | -0.47 | 19.88 | <=30  | Pass |
|        | 25    | 13   | 20.37 | -0.47 | 19.90 | <=30  | Pass  |      |
|        |       | 25   | 20.43 | -0.47 | 19.96 | <=30  | Pass  |      |
| 256QAM | 1715  | 1    | 0     | 20.31 | -0.47 | 19.84 | <=30  | Pass |
|        |       |      | 0     | 18.48 | -0.47 | 18.01 | <=30  | Pass |
|        |       |      | 25    | 18.55 | -0.47 | 18.08 | <=30  | Pass |

|  |                                          |    |    |       |       |       |       |      |
|--|------------------------------------------|----|----|-------|-------|-------|-------|------|
|  |                                          |    | 49 | 18.40 | -0.47 | 17.93 | <=30  | Pass |
|  |                                          | 25 | 0  | 18.41 | -0.47 | 17.94 | <=30  | Pass |
|  |                                          |    | 13 | 18.41 | -0.47 | 17.94 | <=30  | Pass |
|  |                                          |    | 25 | 18.40 | -0.47 | 17.93 | <=30  | Pass |
|  |                                          |    | 50 | 0     | 18.38 | -0.47 | 17.91 | <=30 |
|  | 1745                                     | 1  | 0  | 18.58 | -0.47 | 18.11 | <=30  | Pass |
|  |                                          |    | 25 | 18.54 | -0.47 | 18.07 | <=30  | Pass |
|  |                                          |    | 49 | 18.44 | -0.47 | 17.97 | <=30  | Pass |
|  |                                          | 25 | 0  | 18.47 | -0.47 | 18.00 | <=30  | Pass |
|  |                                          |    | 13 | 18.48 | -0.47 | 18.01 | <=30  | Pass |
|  |                                          |    | 25 | 18.47 | -0.47 | 18.00 | <=30  | Pass |
|  |                                          | 50 | 0  | 18.47 | -0.47 | 18.00 | <=30  | Pass |
|  | 1775                                     | 1  | 0  | 18.45 | -0.47 | 17.98 | <=30  | Pass |
|  |                                          |    | 25 | 18.69 | -0.47 | 18.22 | <=30  | Pass |
|  |                                          |    | 49 | 18.45 | -0.47 | 17.98 | <=30  | Pass |
|  |                                          | 25 | 0  | 18.40 | -0.47 | 17.93 | <=30  | Pass |
|  |                                          |    | 13 | 18.36 | -0.47 | 17.89 | <=30  | Pass |
|  |                                          |    | 25 | 18.41 | -0.47 | 17.94 | <=30  | Pass |
|  |                                          | 50 | 0  | 18.39 | -0.47 | 17.92 | <=30  | Pass |
|  | Note1: EIRP=Conducted Power+Antenna Gain |    |    |       |       |       |       |      |

### 1.1.5 B66\_15MHz\_EIRP

| Band: 66 / Bandwidth: 15MHz / NTN |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1717.5          | 1             | 0      | 23.16                 | -0.47      | 22.69      | <=30  | Pass    |
|                                   |                 |               | 38     | 23.08                 | -0.47      | 22.61      | <=30  | Pass    |
|                                   |                 |               | 74     | 23.12                 | -0.47      | 22.65      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 22.24                 | -0.47      | 21.77      | <=30  | Pass    |
|                                   |                 |               | 18     | 22.18                 | -0.47      | 21.71      | <=30  | Pass    |
|                                   |                 |               | 39     | 22.18                 | -0.47      | 21.71      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 22.19                 | -0.47      | 21.72      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 23.30                 | -0.47      | 22.83      | <=30  | Pass    |
|                                   |                 |               | 38     | 23.20                 | -0.47      | 22.73      | <=30  | Pass    |
|                                   |                 |               | 74     | 23.20                 | -0.47      | 22.73      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 22.29                 | -0.47      | 21.82      | <=30  | Pass    |
|                                   |                 |               | 18     | 22.31                 | -0.47      | 21.84      | <=30  | Pass    |
|                                   |                 |               | 39     | 22.25                 | -0.47      | 21.78      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 22.31                 | -0.47      | 21.84      | <=30  | Pass    |
|                                   | 1772.5          | 1             | 0      | 23.15                 | -0.47      | 22.68      | <=30  | Pass    |
|                                   |                 |               | 38     | 23.15                 | -0.47      | 22.68      | <=30  | Pass    |
|                                   |                 |               | 74     | 23.05                 | -0.47      | 22.58      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 22.17                 | -0.47      | 21.70      | <=30  | Pass    |
|                                   |                 |               | 18     | 22.18                 | -0.47      | 21.71      | <=30  | Pass    |
|                                   |                 |               | 39     | 22.22                 | -0.47      | 21.75      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 22.19                 | -0.47      | 21.72      | <=30  | Pass    |
| 16QAM                             | 1717.5          | 1             | 0      | 22.35                 | -0.47      | 21.88      | <=30  | Pass    |
|                                   |                 |               | 38     | 22.12                 | -0.47      | 21.65      | <=30  | Pass    |
|                                   |                 |               | 74     | 22.30                 | -0.47      | 21.83      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 21.19                 | -0.47      | 20.72      | <=30  | Pass    |
|                                   |                 |               | 18     | 21.17                 | -0.47      | 20.70      | <=30  | Pass    |
|                                   |                 |               | 39     | 21.17                 | -0.47      | 20.70      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 21.19                 | -0.47      | 20.72      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 22.52                 | -0.47      | 22.05      | <=30  | Pass    |
|                                   |                 |               | 38     | 22.31                 | -0.47      | 21.84      | <=30  | Pass    |
|                                   |                 |               | 74     | 22.42                 | -0.47      | 21.95      | <=30  | Pass    |

|                                          |        |    |    |       |       |       |      |      |
|------------------------------------------|--------|----|----|-------|-------|-------|------|------|
|                                          |        | 36 | 0  | 21.29 | -0.47 | 20.82 | <=30 | Pass |
|                                          |        |    | 18 | 21.31 | -0.47 | 20.84 | <=30 | Pass |
|                                          |        |    | 39 | 21.22 | -0.47 | 20.75 | <=30 | Pass |
|                                          |        | 75 | 0  | 21.29 | -0.47 | 20.82 | <=30 | Pass |
|                                          | 1772.5 | 1  | 0  | 22.18 | -0.47 | 21.71 | <=30 | Pass |
|                                          |        |    | 38 | 22.18 | -0.47 | 21.71 | <=30 | Pass |
|                                          |        |    | 74 | 22.22 | -0.47 | 21.75 | <=30 | Pass |
|                                          |        | 36 | 0  | 21.18 | -0.47 | 20.71 | <=30 | Pass |
|                                          |        |    | 18 | 21.13 | -0.47 | 20.66 | <=30 | Pass |
|                                          |        |    | 39 | 21.24 | -0.47 | 20.77 | <=30 | Pass |
|                                          |        | 75 | 0  | 21.17 | -0.47 | 20.70 | <=30 | Pass |
| 64QAM                                    | 1717.5 | 1  | 0  | 21.29 | -0.47 | 20.82 | <=30 | Pass |
|                                          |        |    | 38 | 21.26 | -0.47 | 20.79 | <=30 | Pass |
|                                          |        |    | 74 | 21.38 | -0.47 | 20.91 | <=30 | Pass |
|                                          |        | 36 | 0  | 20.18 | -0.47 | 19.71 | <=30 | Pass |
|                                          |        |    | 18 | 20.16 | -0.47 | 19.69 | <=30 | Pass |
|                                          |        |    | 39 | 20.19 | -0.47 | 19.72 | <=30 | Pass |
|                                          |        | 75 | 0  | 20.17 | -0.47 | 19.70 | <=30 | Pass |
|                                          | 1745   | 1  | 0  | 21.52 | -0.47 | 21.05 | <=30 | Pass |
|                                          |        |    | 38 | 21.36 | -0.47 | 20.89 | <=30 | Pass |
|                                          |        |    | 74 | 21.40 | -0.47 | 20.93 | <=30 | Pass |
|                                          |        | 36 | 0  | 20.34 | -0.47 | 19.87 | <=30 | Pass |
|                                          |        |    | 18 | 20.31 | -0.47 | 19.84 | <=30 | Pass |
|                                          |        |    | 39 | 20.27 | -0.47 | 19.80 | <=30 | Pass |
|                                          |        | 75 | 0  | 20.33 | -0.47 | 19.86 | <=30 | Pass |
|                                          | 1772.5 | 1  | 0  | 21.50 | -0.47 | 21.03 | <=30 | Pass |
|                                          |        |    | 38 | 21.55 | -0.47 | 21.08 | <=30 | Pass |
|                                          |        |    | 74 | 21.49 | -0.47 | 21.02 | <=30 | Pass |
|                                          |        | 36 | 0  | 20.21 | -0.47 | 19.74 | <=30 | Pass |
|                                          |        |    | 18 | 20.16 | -0.47 | 19.69 | <=30 | Pass |
|                                          |        |    | 39 | 20.23 | -0.47 | 19.76 | <=30 | Pass |
|                                          |        | 75 | 0  | 20.17 | -0.47 | 19.70 | <=30 | Pass |
| 256QAM                                   | 1717.5 | 1  | 0  | 18.23 | -0.47 | 17.76 | <=30 | Pass |
|                                          |        |    | 38 | 18.18 | -0.47 | 17.71 | <=30 | Pass |
|                                          |        |    | 74 | 18.36 | -0.47 | 17.89 | <=30 | Pass |
|                                          |        | 36 | 0  | 18.22 | -0.47 | 17.75 | <=30 | Pass |
|                                          |        |    | 18 | 18.19 | -0.47 | 17.72 | <=30 | Pass |
|                                          |        |    | 39 | 18.23 | -0.47 | 17.76 | <=30 | Pass |
|                                          |        | 75 | 0  | 18.21 | -0.47 | 17.74 | <=30 | Pass |
|                                          | 1745   | 1  | 0  | 18.31 | -0.47 | 17.84 | <=30 | Pass |
|                                          |        |    | 38 | 18.32 | -0.47 | 17.85 | <=30 | Pass |
|                                          |        |    | 74 | 18.35 | -0.47 | 17.88 | <=30 | Pass |
|                                          |        | 36 | 0  | 18.33 | -0.47 | 17.86 | <=30 | Pass |
|                                          |        |    | 18 | 18.31 | -0.47 | 17.84 | <=30 | Pass |
|                                          |        |    | 39 | 18.31 | -0.47 | 17.84 | <=30 | Pass |
|                                          |        | 75 | 0  | 18.37 | -0.47 | 17.90 | <=30 | Pass |
|                                          | 1772.5 | 1  | 0  | 18.22 | -0.47 | 17.75 | <=30 | Pass |
|                                          |        |    | 38 | 18.24 | -0.47 | 17.77 | <=30 | Pass |
|                                          |        |    | 74 | 18.22 | -0.47 | 17.75 | <=30 | Pass |
|                                          |        | 36 | 0  | 18.23 | -0.47 | 17.76 | <=30 | Pass |
|                                          |        |    | 18 | 18.22 | -0.47 | 17.75 | <=30 | Pass |
|                                          |        |    | 39 | 18.25 | -0.47 | 17.78 | <=30 | Pass |
|                                          |        | 75 | 0  | 18.20 | -0.47 | 17.73 | <=30 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |        |    |    |       |       |       |      |      |

### 1.1.6 B66\_20MHz\_EIRP

| Band: 66 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 1720            | 1             | 0      | 23.13                 | -0.47      | 22.66      | <=30  | Pass    |
|                                    |                 |               | 50     | 23.07                 | -0.47      | 22.60      | <=30  | Pass    |
|                                    |                 |               | 99     | 23.24                 | -0.47      | 22.77      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 22.06                 | -0.47      | 21.59      | <=30  | Pass    |
|                                    |                 |               | 25     | 22.15                 | -0.47      | 21.68      | <=30  | Pass    |
|                                    |                 |               | 50     | 22.23                 | -0.47      | 21.76      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 22.18                 | -0.47      | 21.71      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 23.40                 | -0.47      | 22.93      | <=30  | Pass    |
|                                    |                 |               | 50     | 23.20                 | -0.47      | 22.73      | <=30  | Pass    |
|                                    |                 |               | 99     | 23.29                 | -0.47      | 22.82      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 22.30                 | -0.47      | 21.83      | <=30  | Pass    |
|                                    |                 |               | 25     | 22.32                 | -0.47      | 21.85      | <=30  | Pass    |
|                                    |                 |               | 50     | 22.25                 | -0.47      | 21.78      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 22.31                 | -0.47      | 21.84      | <=30  | Pass    |
|                                    | 1770            | 1             | 0      | 23.23                 | -0.47      | 22.76      | <=30  | Pass    |
|                                    |                 |               | 50     | 23.15                 | -0.47      | 22.68      | <=30  | Pass    |
|                                    |                 |               | 99     | 23.03                 | -0.47      | 22.56      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 22.21                 | -0.47      | 21.74      | <=30  | Pass    |
|                                    |                 |               | 25     | 22.25                 | -0.47      | 21.78      | <=30  | Pass    |
|                                    |                 |               | 50     | 22.20                 | -0.47      | 21.73      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 22.15                 | -0.47      | 21.68      | <=30  | Pass    |
| 16QAM                              | 1720            | 1             | 0      | 22.33                 | -0.47      | 21.86      | <=30  | Pass    |
|                                    |                 |               | 50     | 22.25                 | -0.47      | 21.78      | <=30  | Pass    |
|                                    |                 |               | 99     | 22.54                 | -0.47      | 22.07      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 21.13                 | -0.47      | 20.66      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.20                 | -0.47      | 20.73      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.24                 | -0.47      | 20.77      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 21.19                 | -0.47      | 20.72      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 22.38                 | -0.47      | 21.91      | <=30  | Pass    |
|                                    |                 |               | 50     | 22.39                 | -0.47      | 21.92      | <=30  | Pass    |
|                                    |                 |               | 99     | 22.21                 | -0.47      | 21.74      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 21.30                 | -0.47      | 20.83      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.32                 | -0.47      | 20.85      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.27                 | -0.47      | 20.80      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 21.36                 | -0.47      | 20.89      | <=30  | Pass    |
|                                    | 1770            | 1             | 0      | 22.50                 | -0.47      | 22.03      | <=30  | Pass    |
|                                    |                 |               | 50     | 22.39                 | -0.47      | 21.92      | <=30  | Pass    |
|                                    |                 |               | 99     | 22.41                 | -0.47      | 21.94      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 21.24                 | -0.47      | 20.77      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.28                 | -0.47      | 20.81      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.22                 | -0.47      | 20.75      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 21.20                 | -0.47      | 20.73      | <=30  | Pass    |
| 64QAM                              | 1720            | 1             | 0      | 21.55                 | -0.47      | 21.08      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.55                 | -0.47      | 21.08      | <=30  | Pass    |
|                                    |                 |               | 99     | 21.56                 | -0.47      | 21.09      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.11                 | -0.47      | 19.64      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.21                 | -0.47      | 19.74      | <=30  | Pass    |
|                                    |                 |               | 50     | 20.23                 | -0.47      | 19.76      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 20.21                 | -0.47      | 19.74      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 21.57                 | -0.47      | 21.10      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.50                 | -0.47      | 21.03      | <=30  | Pass    |
|                                    |                 |               | 99     | 21.37                 | -0.47      | 20.90      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.32                 | -0.47      | 19.85      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.32                 | -0.47      | 19.85      | <=30  | Pass    |
|                                    |                 |               | 50     | 20.28                 | -0.47      | 19.81      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 20.33                 | -0.47      | 19.86      | <=30  | Pass    |

|                                          |       |        |      |       |       |       |       |       |      |      |
|------------------------------------------|-------|--------|------|-------|-------|-------|-------|-------|------|------|
|                                          | 1770  | 1      | 0    | 21.38 | -0.47 | 20.91 | <=30  | Pass  |      |      |
|                                          |       |        | 50   | 21.54 | -0.47 | 21.07 | <=30  | Pass  |      |      |
|                                          |       |        | 99   | 21.22 | -0.47 | 20.75 | <=30  | Pass  |      |      |
|                                          |       | 50     | 0    | 20.23 | -0.47 | 19.76 | <=30  | Pass  |      |      |
|                                          |       |        | 25   | 20.27 | -0.47 | 19.80 | <=30  | Pass  |      |      |
|                                          |       |        | 50   | 20.24 | -0.47 | 19.77 | <=30  | Pass  |      |      |
|                                          |       | 100    | 0    | 20.22 | -0.47 | 19.75 | <=30  | Pass  |      |      |
|                                          |       | 256QAM | 1720 | 1     | 0     | 18.37 | -0.47 | 17.90 | <=30 | Pass |
|                                          |       |        |      |       | 50    | 18.21 | -0.47 | 17.74 | <=30 | Pass |
| 99                                       | 18.39 |        |      |       | -0.47 | 17.92 | <=30  | Pass  |      |      |
| 50                                       | 0     |        |      | 18.19 | -0.47 | 17.72 | <=30  | Pass  |      |      |
|                                          | 25    |        |      | 18.21 | -0.47 | 17.74 | <=30  | Pass  |      |      |
|                                          | 50    |        |      | 18.27 | -0.47 | 17.80 | <=30  | Pass  |      |      |
| 100                                      | 0     |        |      | 18.23 | -0.47 | 17.76 | <=30  | Pass  |      |      |
| 1745                                     | 1     |        |      | 0     | 18.42 | -0.47 | 17.95 | <=30  | Pass |      |
|                                          |       |        |      | 50    | 18.28 | -0.47 | 17.81 | <=30  | Pass |      |
|                                          |       |        | 99   | 18.31 | -0.47 | 17.84 | <=30  | Pass  |      |      |
|                                          | 50    |        | 0    | 18.38 | -0.47 | 17.91 | <=30  | Pass  |      |      |
|                                          |       |        | 25   | 18.37 | -0.47 | 17.90 | <=30  | Pass  |      |      |
|                                          |       |        | 50   | 18.33 | -0.47 | 17.86 | <=30  | Pass  |      |      |
|                                          | 100   |        | 0    | 18.37 | -0.47 | 17.90 | <=30  | Pass  |      |      |
|                                          | 1770  |        | 1    | 0     | 18.49 | -0.47 | 18.02 | <=30  | Pass |      |
|                                          |       |        |      | 50    | 18.35 | -0.47 | 17.88 | <=30  | Pass |      |
| 99                                       |       |        |      | 18.39 | -0.47 | 17.92 | <=30  | Pass  |      |      |
| 50                                       |       |        | 0    | 18.23 | -0.47 | 17.76 | <=30  | Pass  |      |      |
|                                          |       |        | 25   | 18.28 | -0.47 | 17.81 | <=30  | Pass  |      |      |
|                                          |       |        | 50   | 18.26 | -0.47 | 17.79 | <=30  | Pass  |      |      |
| 100                                      |       |        | 0    | 18.22 | -0.47 | 17.75 | <=30  | Pass  |      |      |
| Note1: EIRP=Conducted Power+Antenna Gain |       |        |      |       |       |       |       |       |      |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B66\_10MHz

| Band: 66 / Bandwidth: 10MHz |                 |               |        |            |         |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |         |                  | Result                | Limit       |         |
| QPSK                        | 1745            | 50            | 0      | 20         | LV      | -0.130           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | NV      | 0.857            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | HV      | 1.626            | 0.0009                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | NV      | 1.195            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | NV      | 2.006            | 0.0011                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | NV      | 0.446            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | NV      | 0.806            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | NV      | 2.043            | 0.0012                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | NV      | 0.001            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | NV      | 0.339            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | NV      | 1.536            | 0.0009                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            |         |                  |                       |             |         |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band66\_OBW

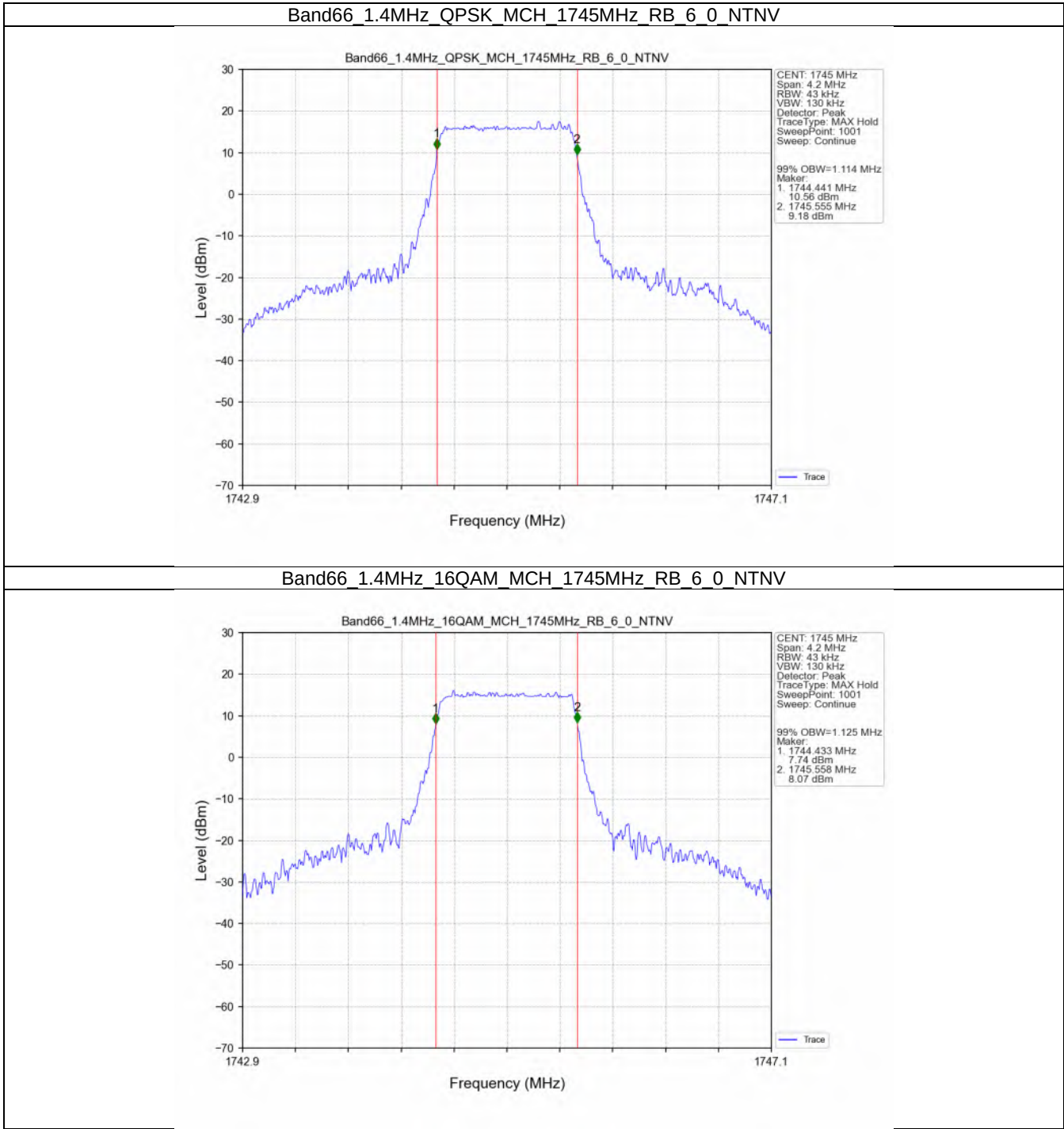
| Band: 66 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1745            | 6             | 0      | 1.114                        | /     | Pass    |
|                 | 16QAM      | 1745            | 6             | 0      | 1.125                        | /     | Pass    |
|                 | 64QAM      | 1745            | 6             | 0      | 1.123                        | /     | Pass    |
|                 | 256QAM     | 1745            | 6             | 0      | 1.125                        | /     | Pass    |
| 3               | QPSK       | 1745            | 15            | 0      | 2.753                        | /     | Pass    |
|                 | 16QAM      | 1745            | 15            | 0      | 2.749                        | /     | Pass    |
|                 | 64QAM      | 1745            | 15            | 0      | 2.752                        | /     | Pass    |
|                 | 256QAM     | 1745            | 15            | 0      | 2.742                        | /     | Pass    |
| 5               | QPSK       | 1745            | 25            | 0      | 4.559                        | /     | Pass    |
|                 | 16QAM      | 1745            | 25            | 0      | 4.560                        | /     | Pass    |
|                 | 64QAM      | 1745            | 25            | 0      | 4.567                        | /     | Pass    |
|                 | 256QAM     | 1745            | 25            | 0      | 4.559                        | /     | Pass    |
| 10              | QPSK       | 1745            | 50            | 0      | 9.101                        | /     | Pass    |
|                 | 16QAM      | 1745            | 50            | 0      | 9.067                        | /     | Pass    |
|                 | 64QAM      | 1745            | 50            | 0      | 9.109                        | /     | Pass    |
|                 | 256QAM     | 1745            | 50            | 0      | 9.067                        | /     | Pass    |
| 15              | QPSK       | 1745            | 75            | 0      | 13.628                       | /     | Pass    |
|                 | 16QAM      | 1745            | 75            | 0      | 13.644                       | /     | Pass    |
|                 | 64QAM      | 1745            | 75            | 0      | 13.642                       | /     | Pass    |
|                 | 256QAM     | 1745            | 75            | 0      | 13.586                       | /     | Pass    |
| 20              | QPSK       | 1745            | 100           | 0      | 18.087                       | /     | Pass    |
|                 | 16QAM      | 1745            | 100           | 0      | 18.149                       | /     | Pass    |
|                 | 64QAM      | 1745            | 100           | 0      | 18.124                       | /     | Pass    |
|                 | 256QAM     | 1745            | 100           | 0      | 18.133                       | /     | Pass    |

### 3.1.2 Band66\_XDB

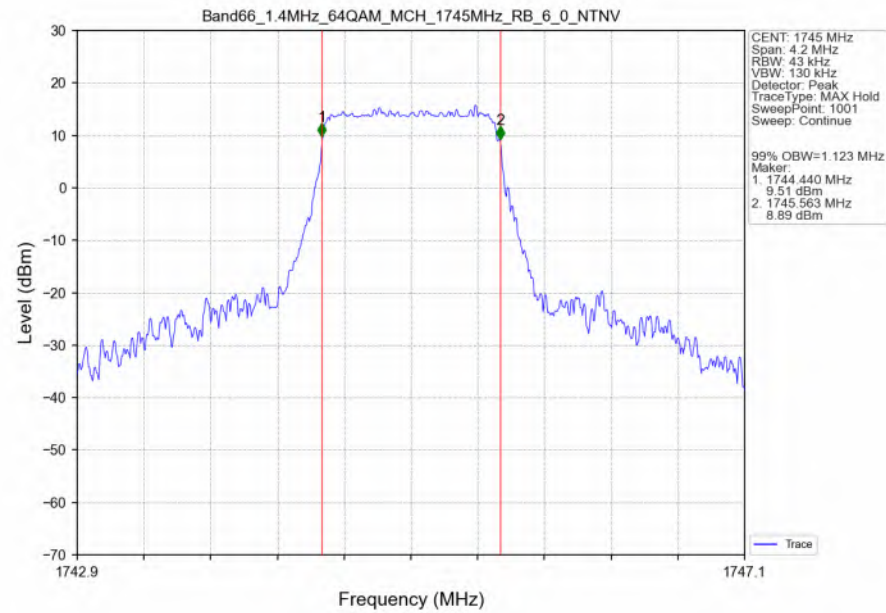
| Band: 66 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1745            | 6             | 0      | 1.395                | /     | Pass    |
|                 | 16QAM      | 1745            | 6             | 0      | 1.407                | /     | Pass    |
|                 | 64QAM      | 1745            | 6             | 0      | 1.379                | /     | Pass    |
|                 | 256QAM     | 1745            | 6             | 0      | 1.413                | /     | Pass    |
| 3               | QPSK       | 1745            | 15            | 0      | 3.140                | /     | Pass    |
|                 | 16QAM      | 1745            | 15            | 0      | 3.122                | /     | Pass    |
|                 | 64QAM      | 1745            | 15            | 0      | 3.123                | /     | Pass    |
|                 | 256QAM     | 1745            | 15            | 0      | 3.118                | /     | Pass    |
| 5               | QPSK       | 1745            | 25            | 0      | 5.220                | /     | Pass    |
|                 | 16QAM      | 1745            | 25            | 0      | 5.295                | /     | Pass    |
|                 | 64QAM      | 1745            | 25            | 0      | 5.217                | /     | Pass    |
|                 | 256QAM     | 1745            | 25            | 0      | 5.214                | /     | Pass    |
| 10              | QPSK       | 1745            | 50            | 0      | 10.112               | /     | Pass    |
|                 | 16QAM      | 1745            | 50            | 0      | 10.164               | /     | Pass    |
|                 | 64QAM      | 1745            | 50            | 0      | 10.186               | /     | Pass    |
|                 | 256QAM     | 1745            | 50            | 0      | 10.138               | /     | Pass    |
| 15              | QPSK       | 1745            | 75            | 0      | 15.158               | /     | Pass    |
|                 | 16QAM      | 1745            | 75            | 0      | 15.203               | /     | Pass    |
|                 | 64QAM      | 1745            | 75            | 0      | 15.320               | /     | Pass    |
|                 | 256QAM     | 1745            | 75            | 0      | 15.163               | /     | Pass    |
| 20              | QPSK       | 1745            | 100           | 0      | 20.230               | /     | Pass    |
|                 | 16QAM      | 1745            | 100           | 0      | 20.219               | /     | Pass    |
|                 | 64QAM      | 1745            | 100           | 0      | 20.159               | /     | Pass    |
|                 | 256QAM     | 1745            | 100           | 0      | 20.092               | /     | Pass    |

3.2 Test Graph

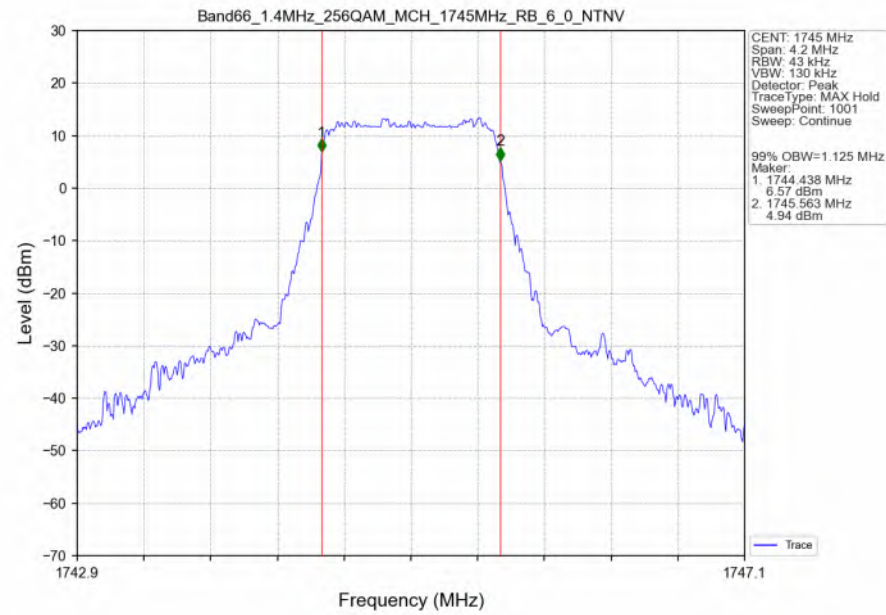
3.2.1 Band66\_OBW



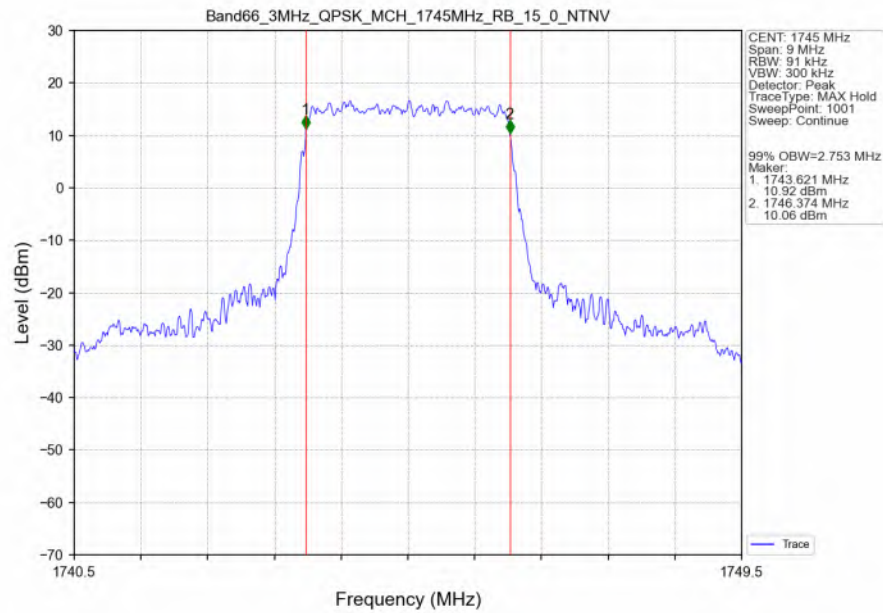
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTV



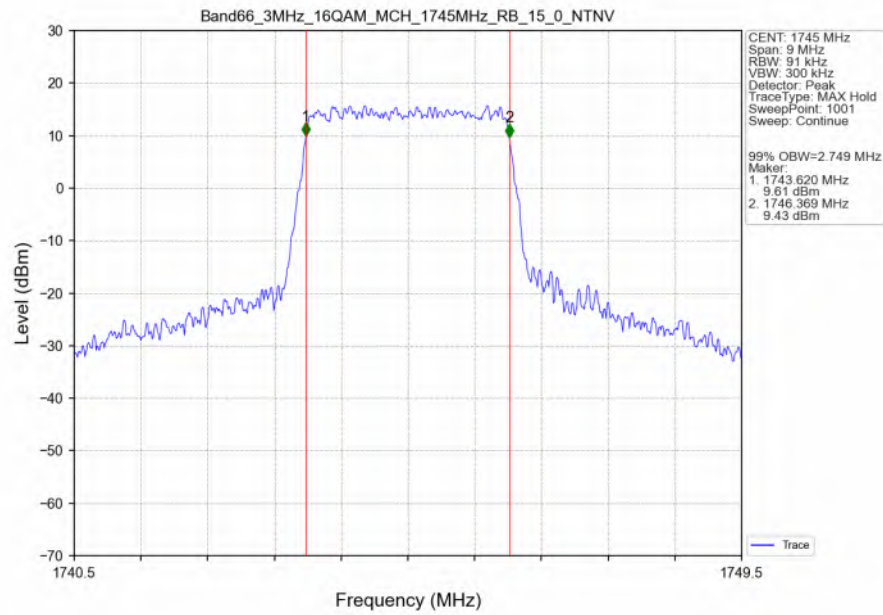
Band66 1.4MHz 256QAM MCH 1745MHz RB 6 0 NTV



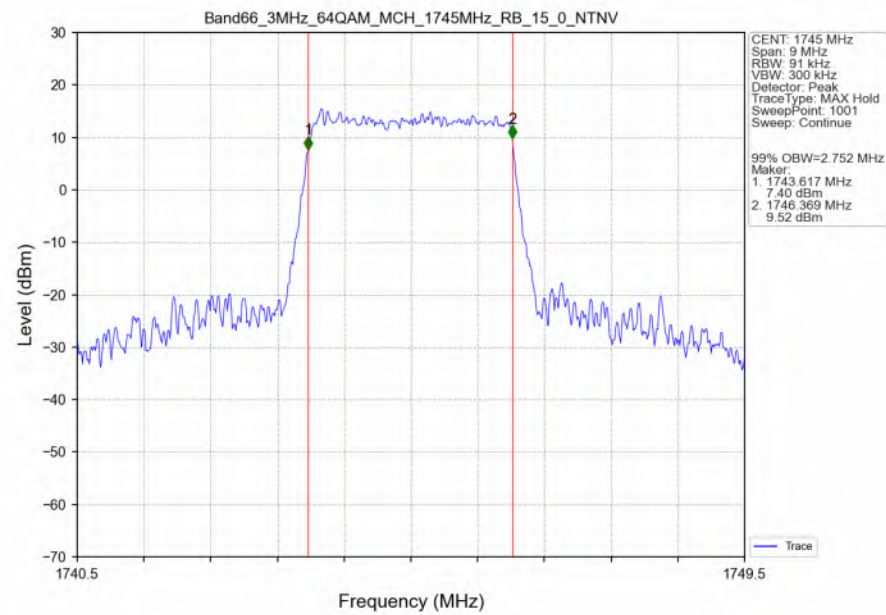
# Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



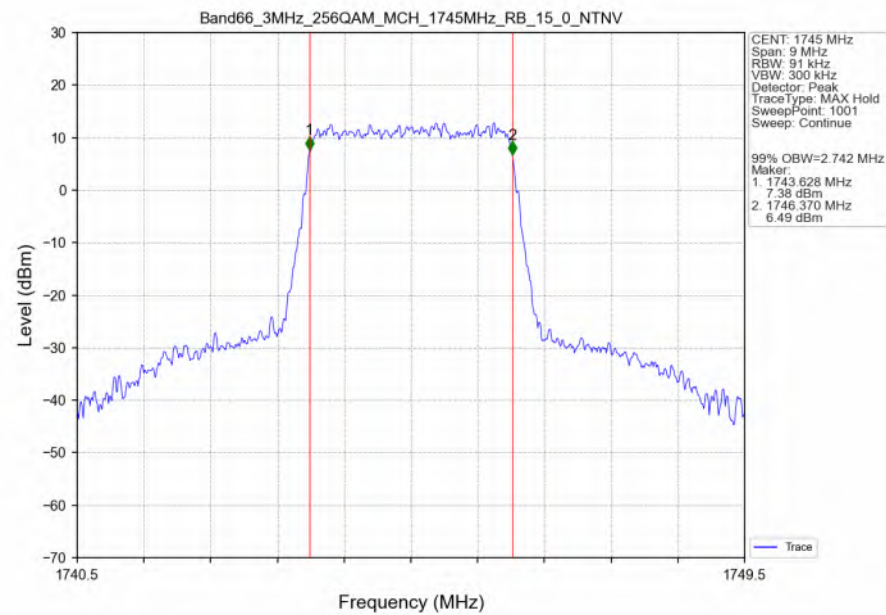
# Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



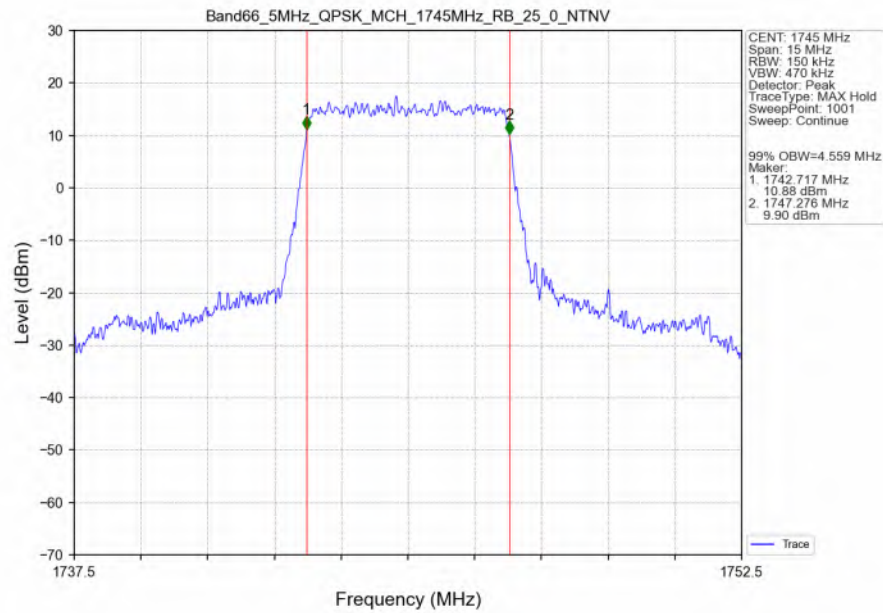
Band66 3MHz 64QAM MCH 1745MHz RB 15 0 NTN



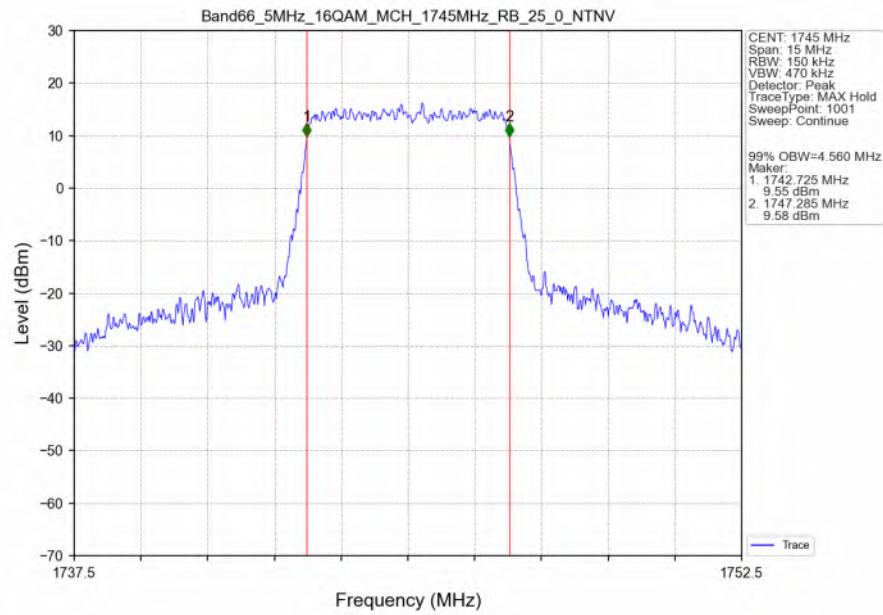
Band66 3MHz 256QAM MCH 1745MHz RB 15 0 NTN



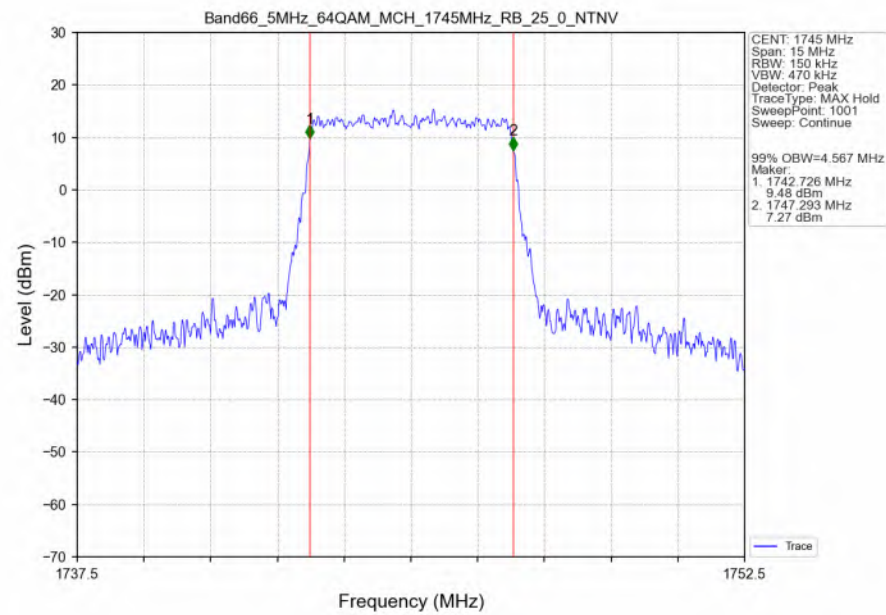
# Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



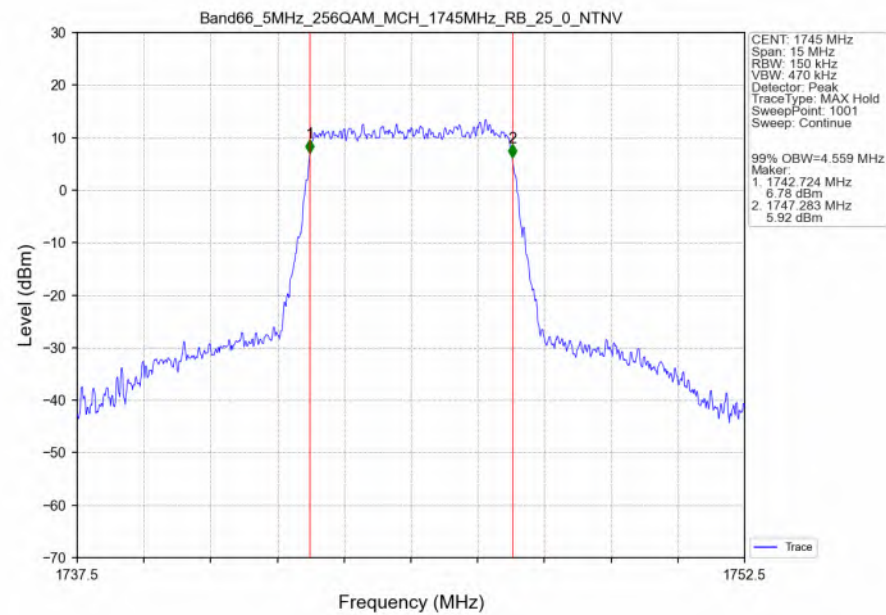
# Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



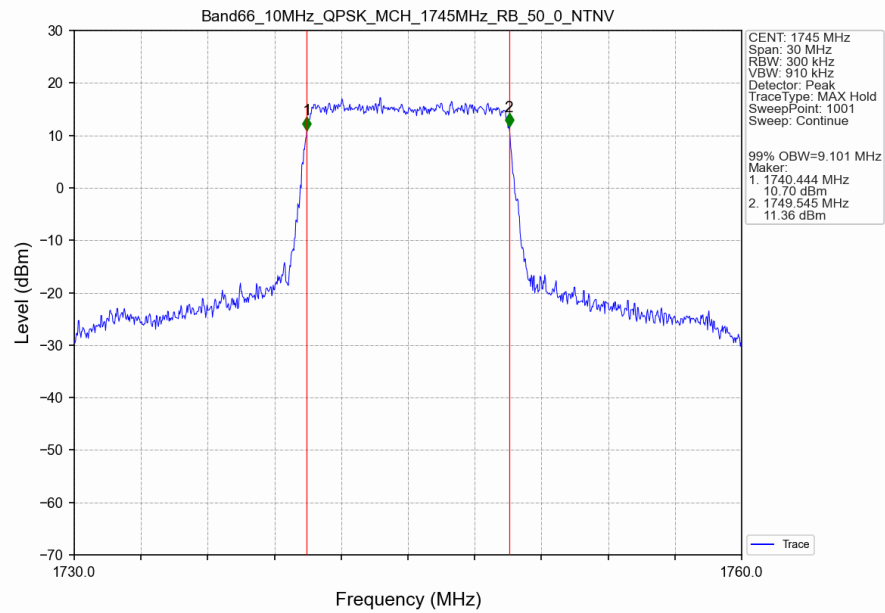
Band66 5MHz 64QAM MCH 1745MHz RB 25 0 NTNV



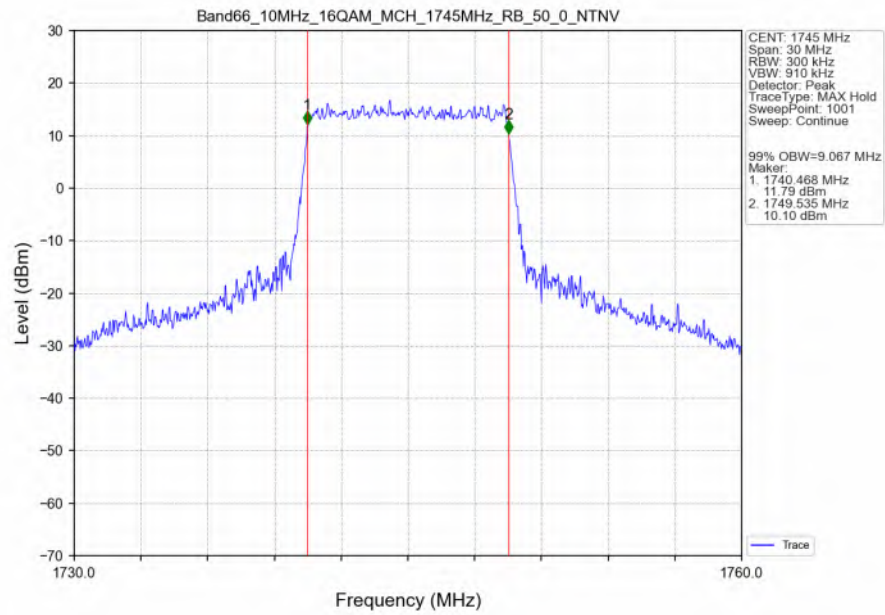
Band66 5MHz 256QAM MCH 1745MHz RB 25 0 NTNV



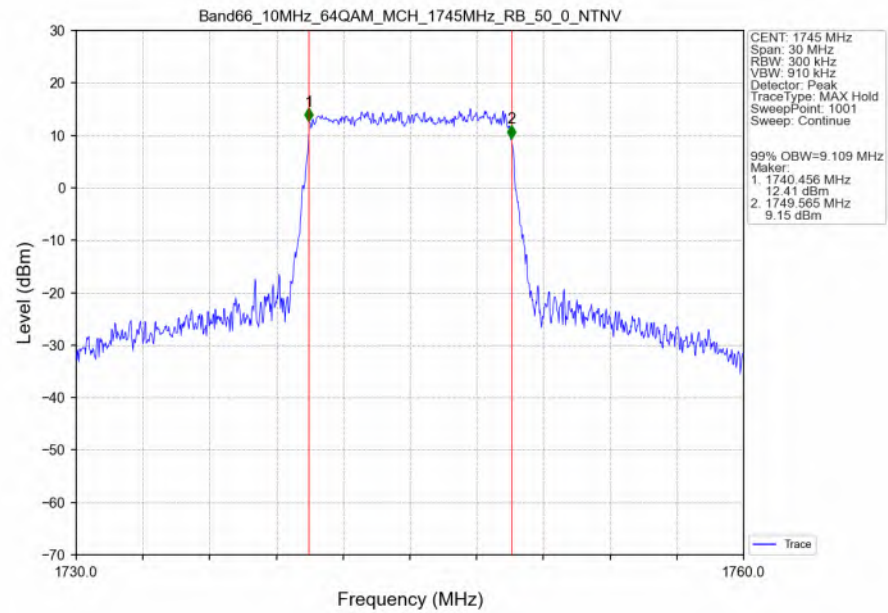
# Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTNV



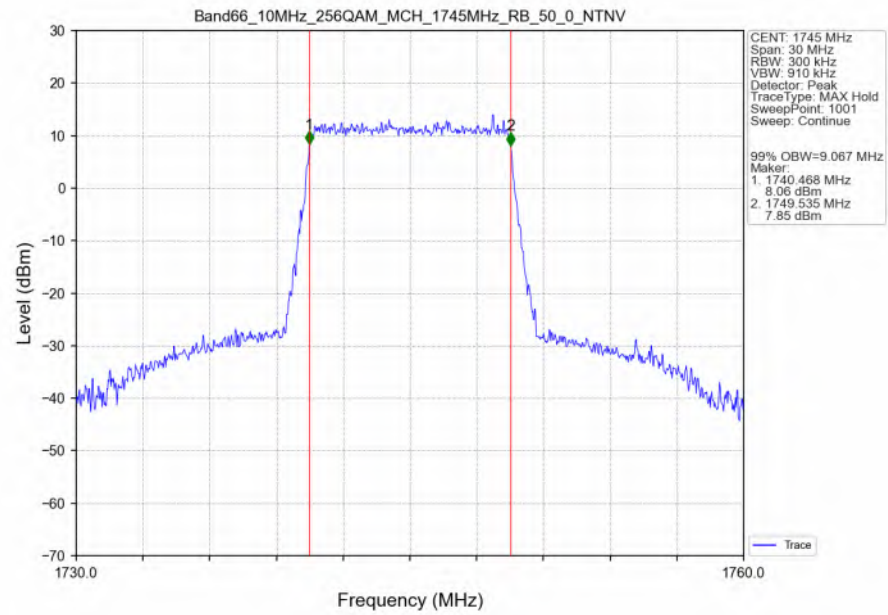
# Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



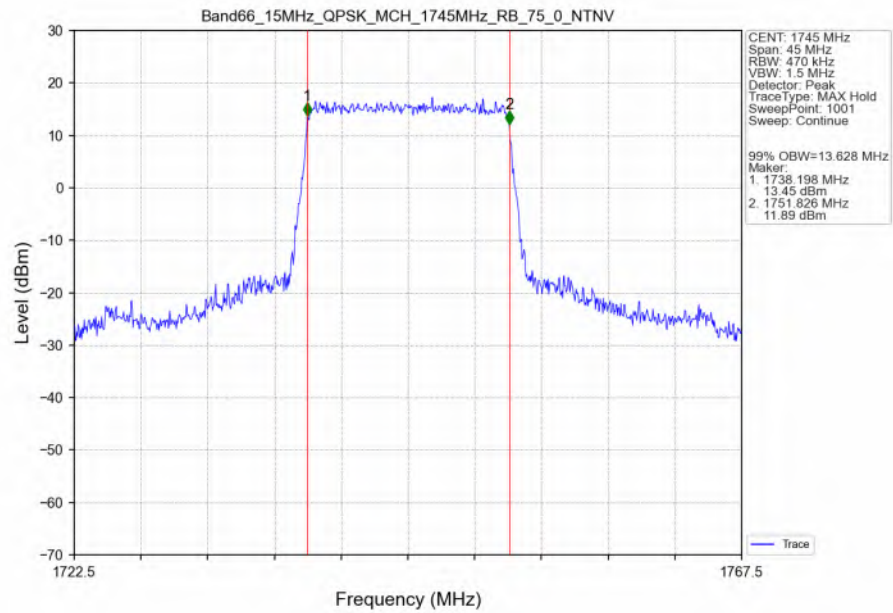
Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTNV



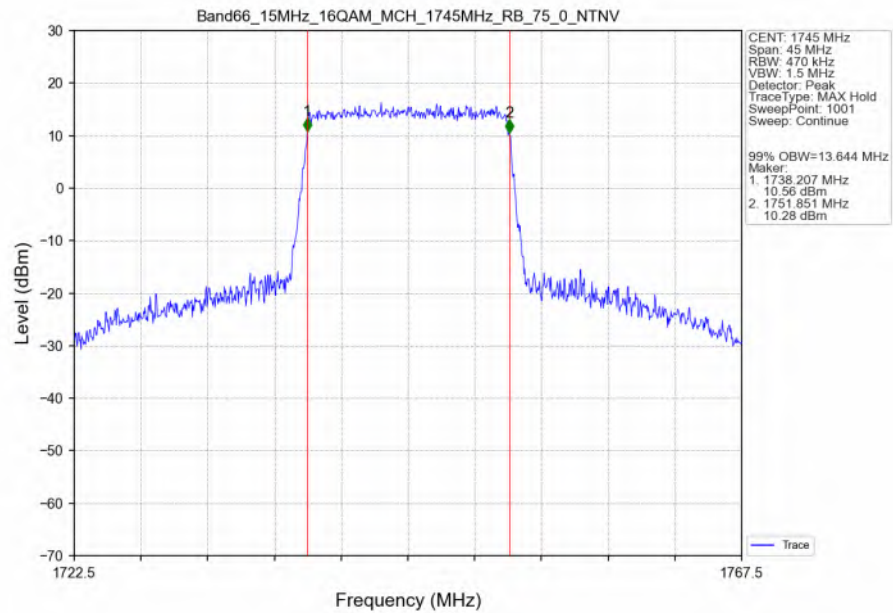
Band66 10MHz 256QAM MCH 1745MHz RB 50 0 NTNV



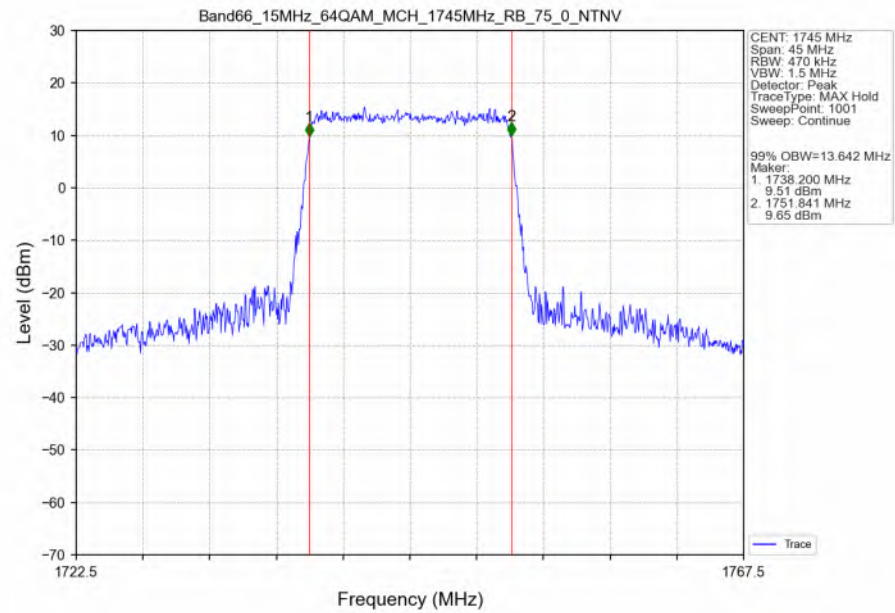
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTV



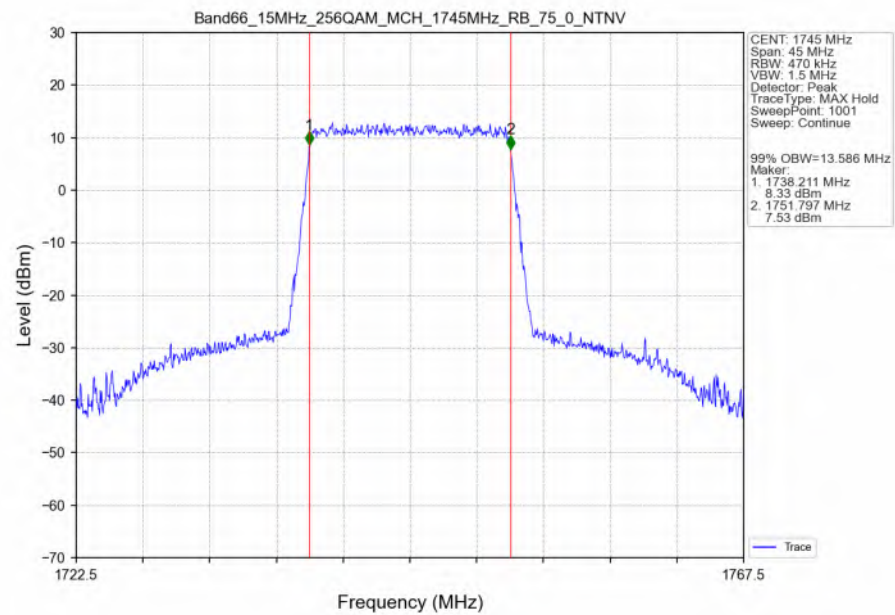
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTV



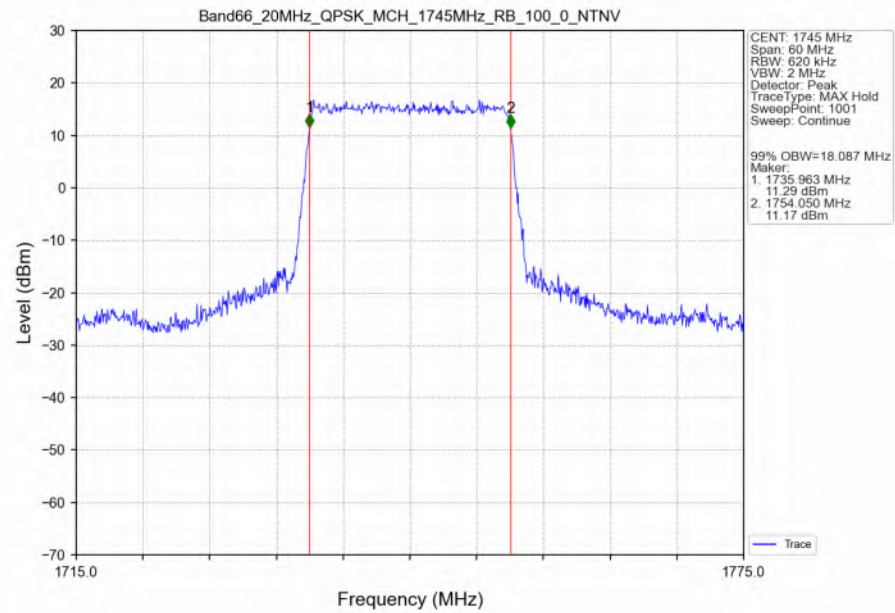
Band66 15MHz 64QAM MCH 1745MHz RB 75 0 NTV



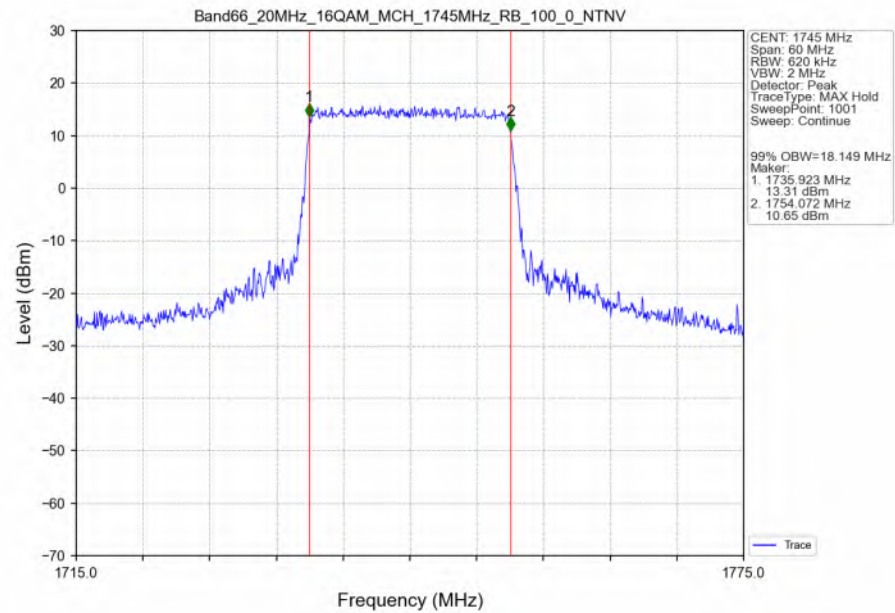
Band66 15MHz 256QAM MCH 1745MHz RB 75 0 NTV



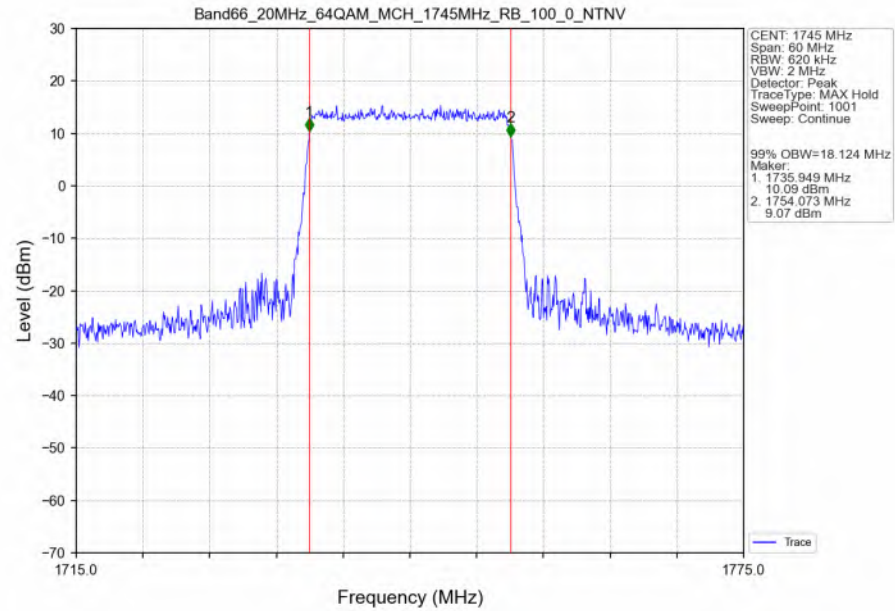
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTV



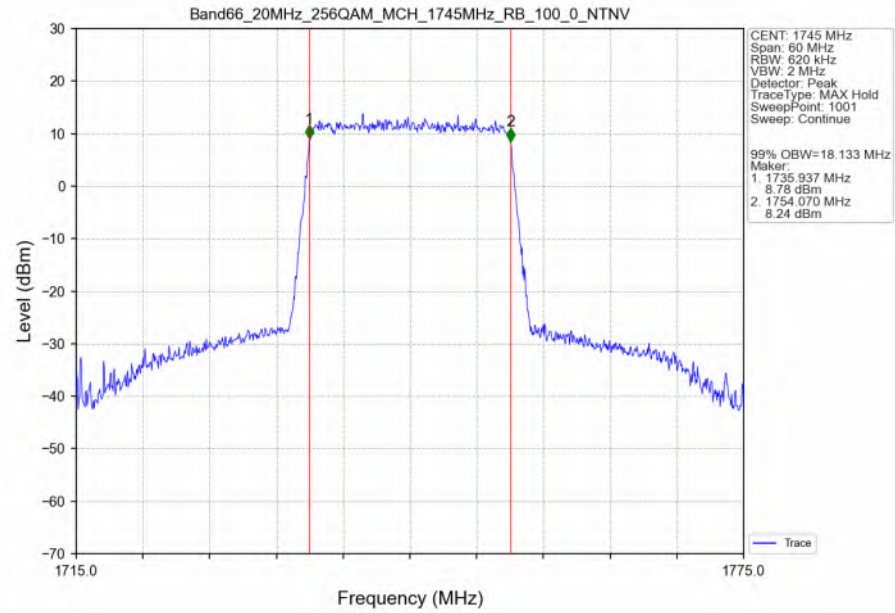
Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTV



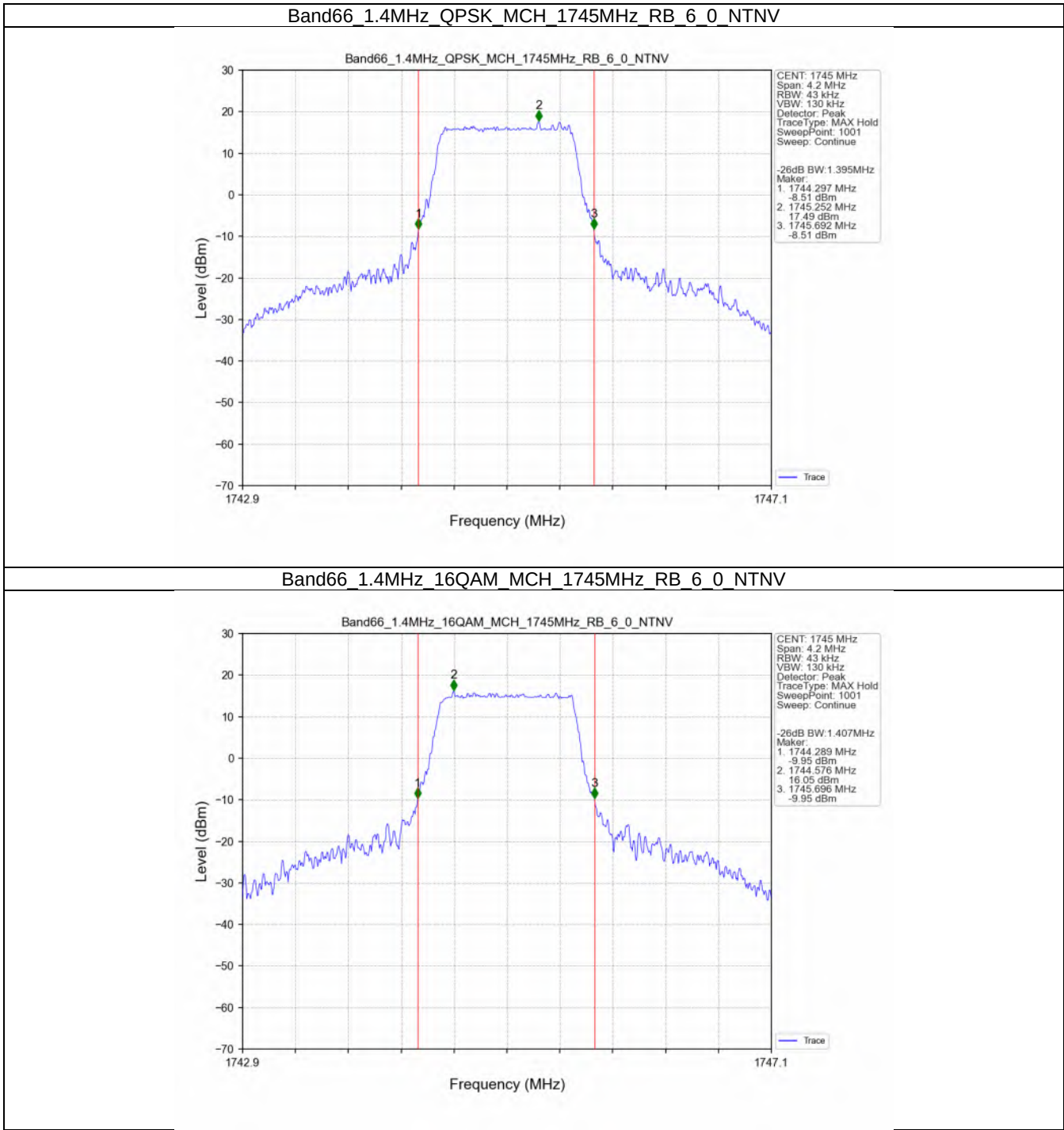
Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTNV



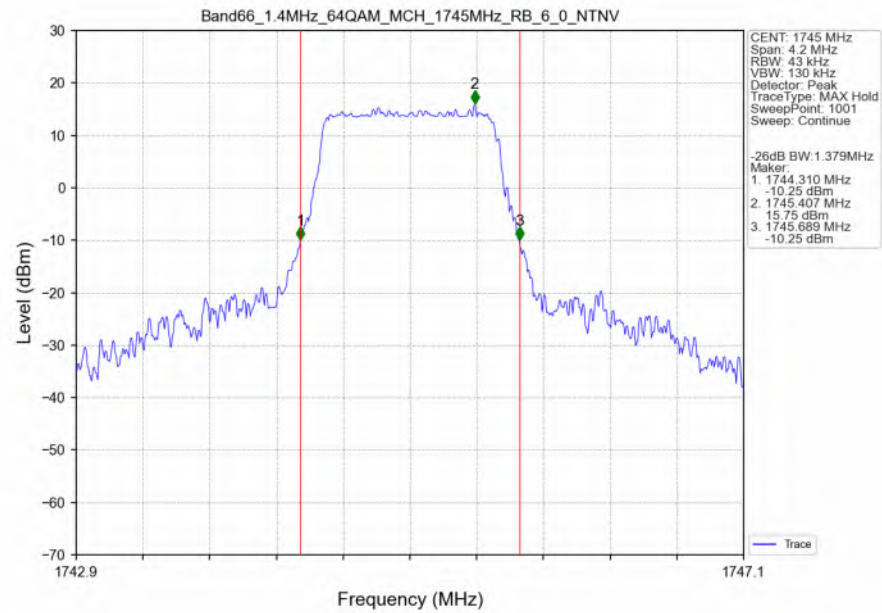
Band66 20MHz 256QAM MCH 1745MHz RB 100 0 NTNV



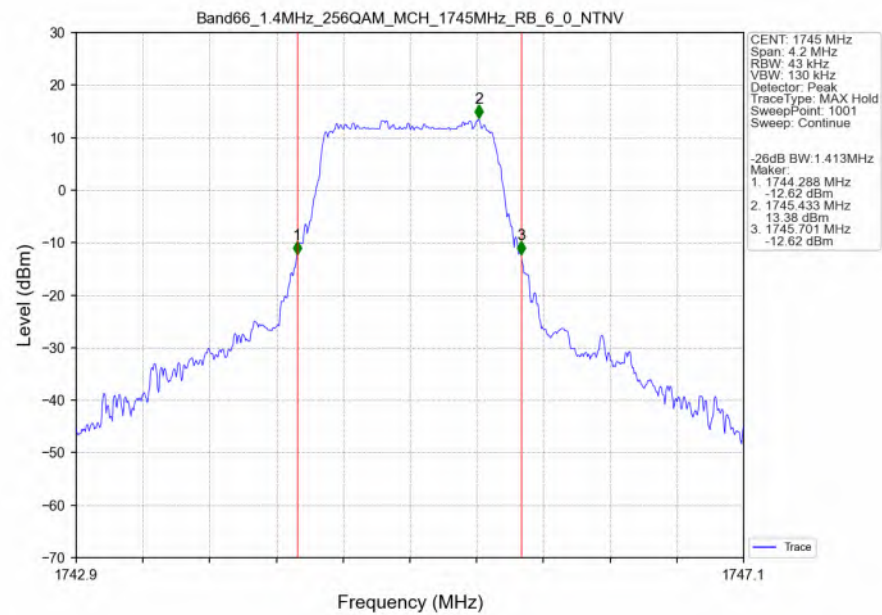
3.2.2 Band66\_XDB



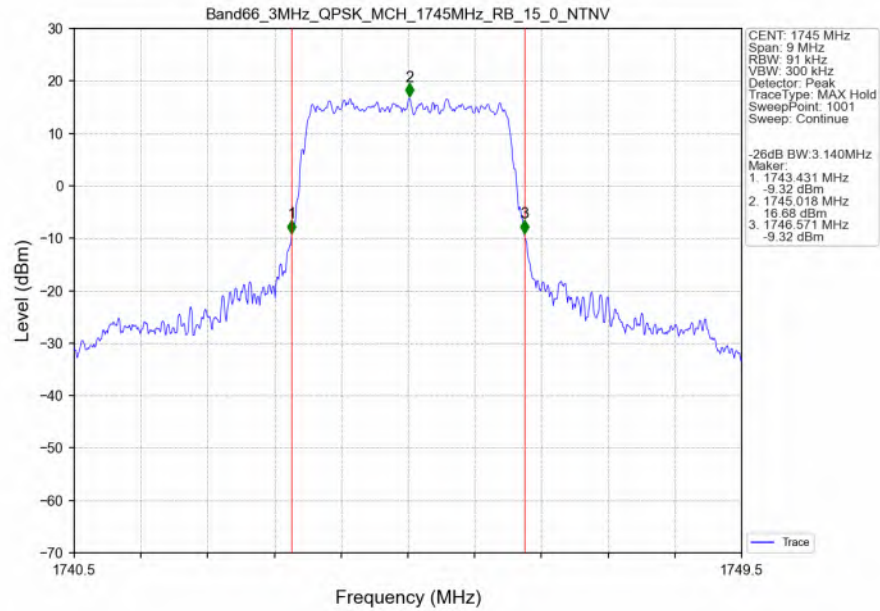
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTV



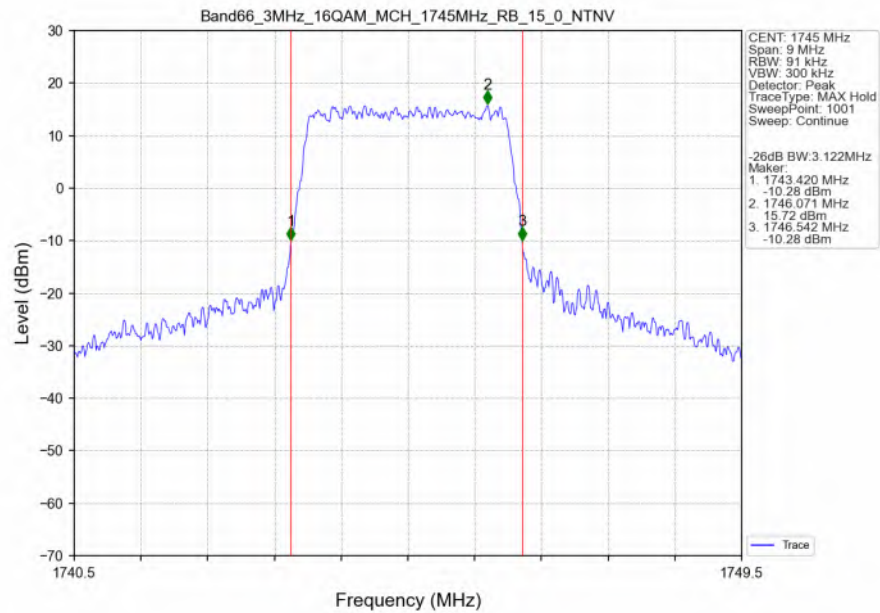
Band66 1.4MHz 256QAM MCH 1745MHz RB 6 0 NTV



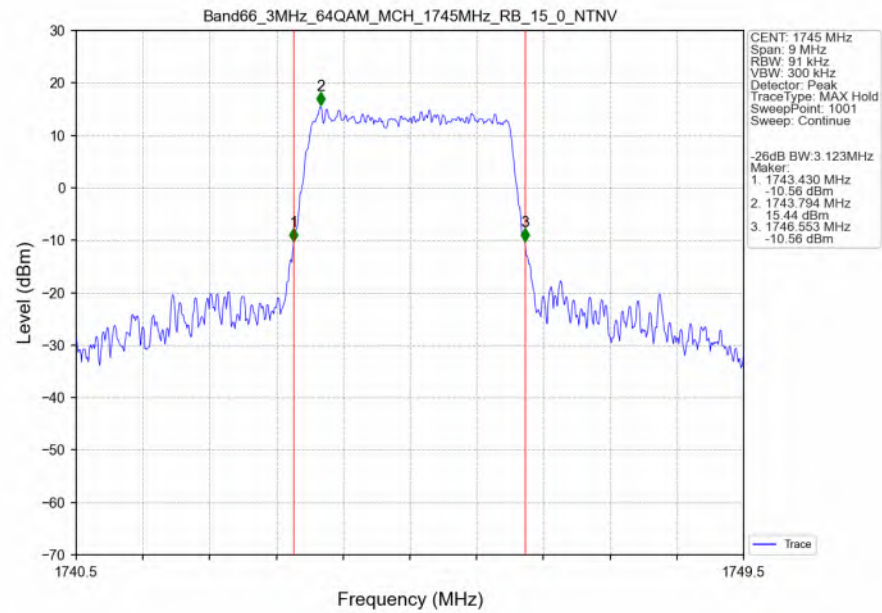
# Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTN



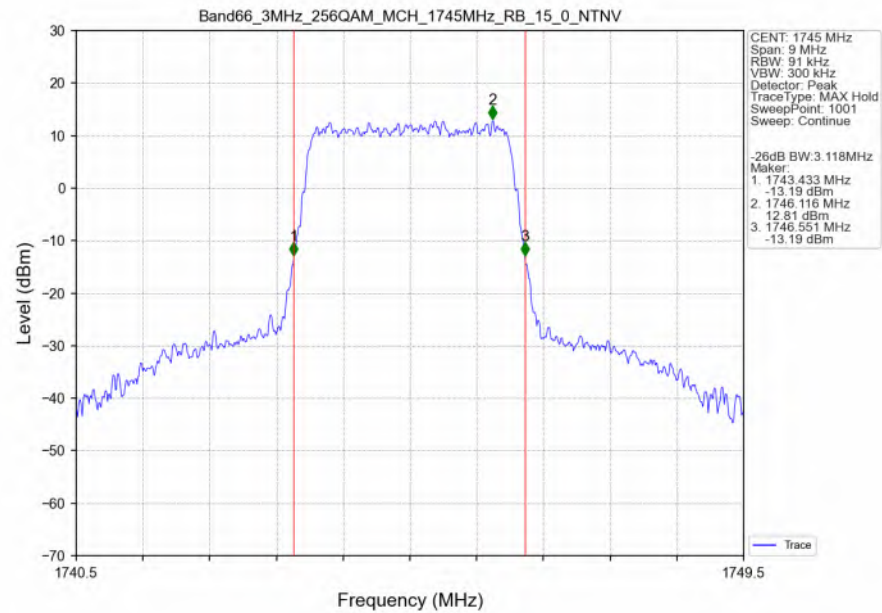
# Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTN



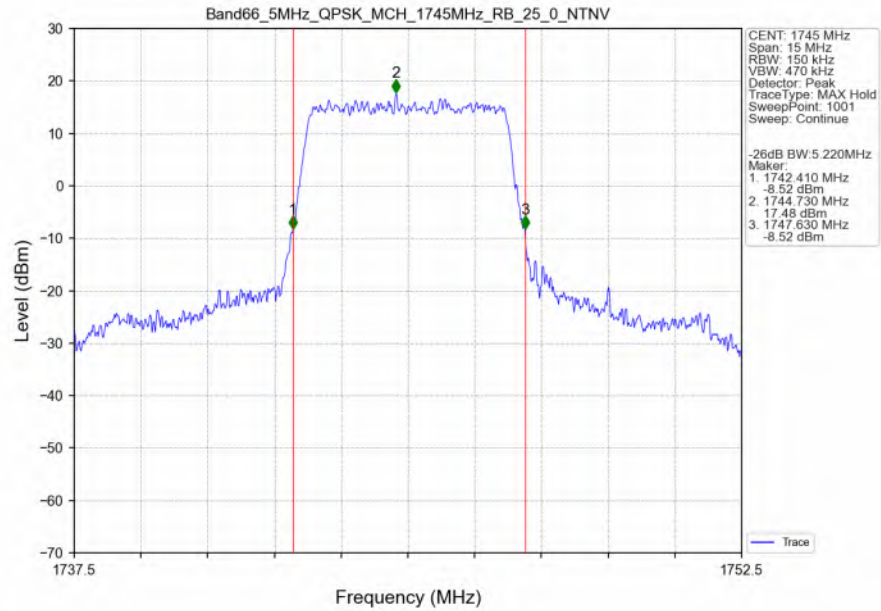
# Band66 3MHz 64QAM MCH 1745MHz RB 15 0 NTNV



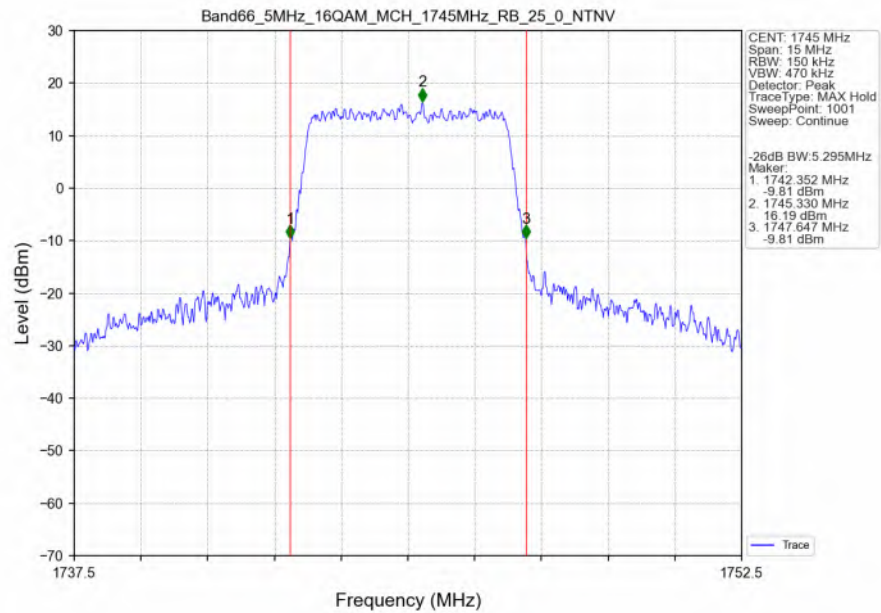
# Band66 3MHz 256QAM MCH 1745MHz RB 15 0 NTNV



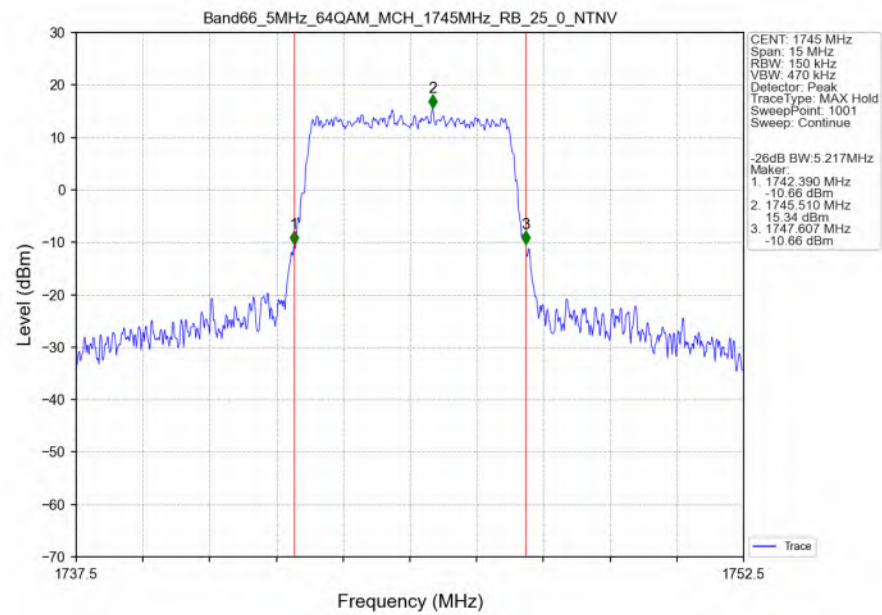
# Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTN



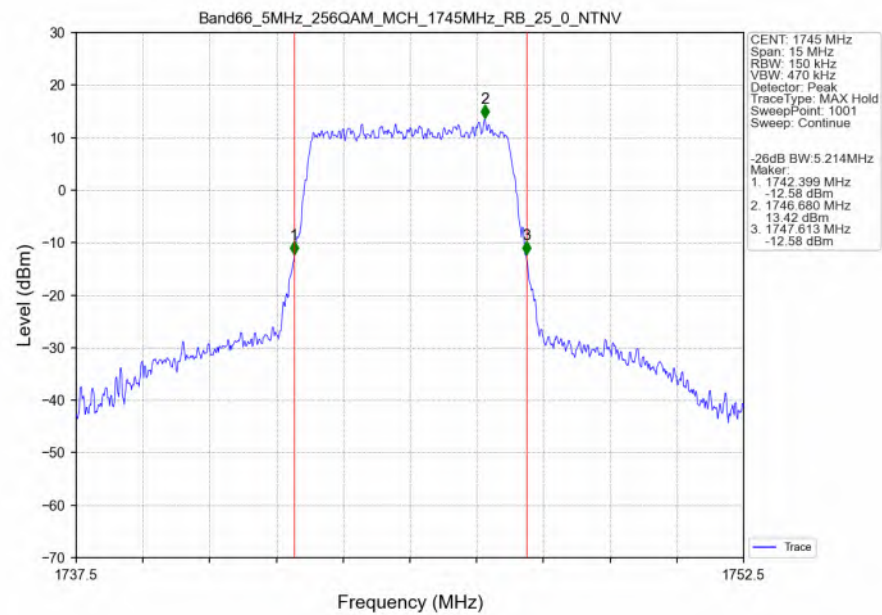
# Band66\_5MHz 16QAM MCH 1745MHz RB 25 0 NTN



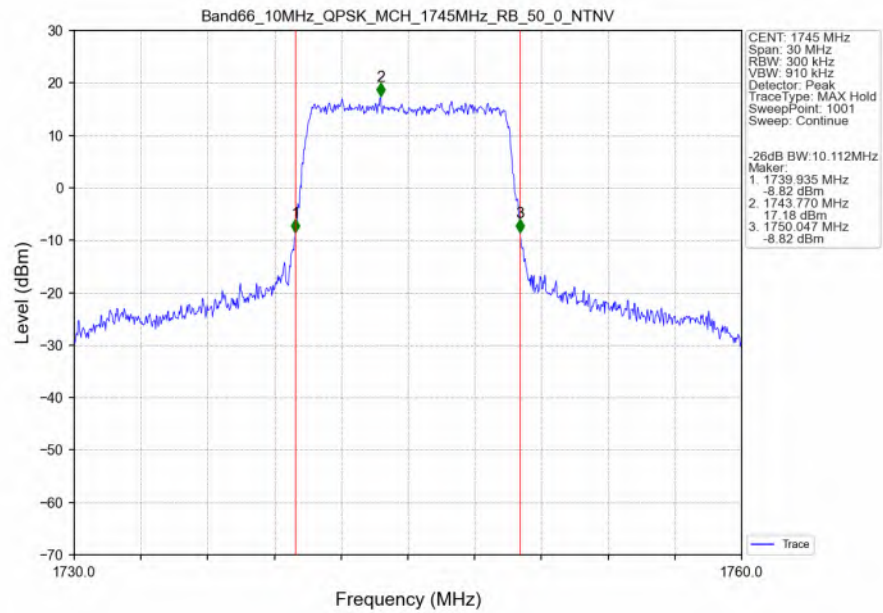
Band66 5MHz 64QAM MCH 1745MHz RB 25 0 NTN



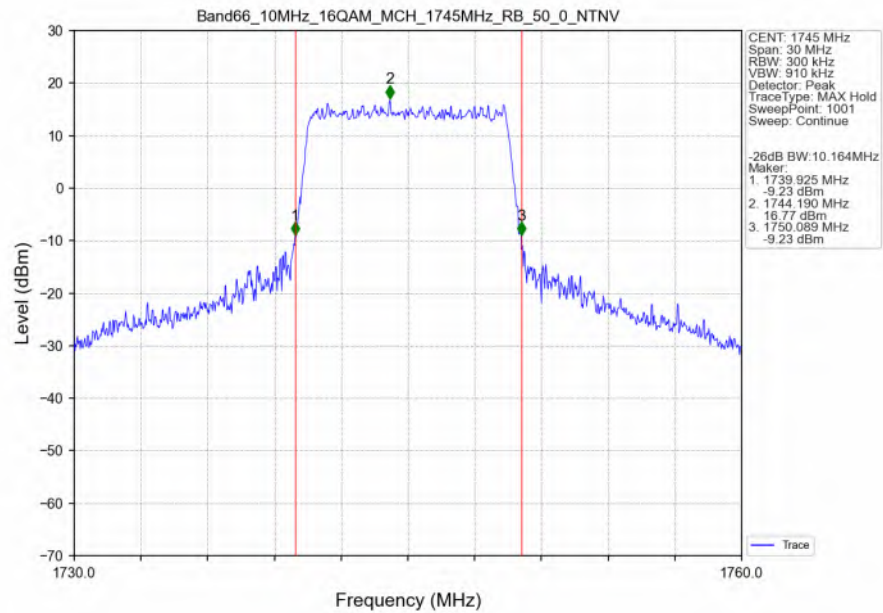
Band66 5MHz 256QAM MCH 1745MHz RB 25 0 NTN



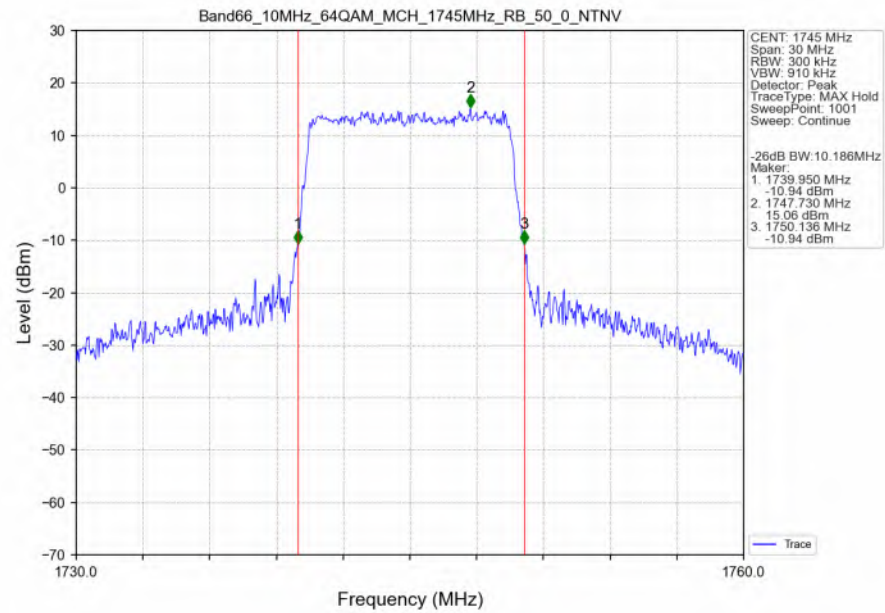
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTNV



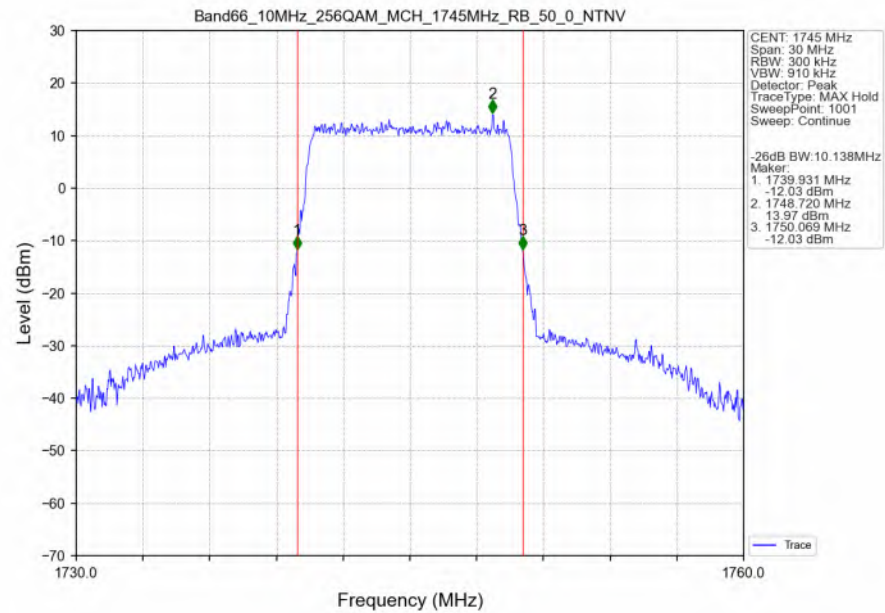
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



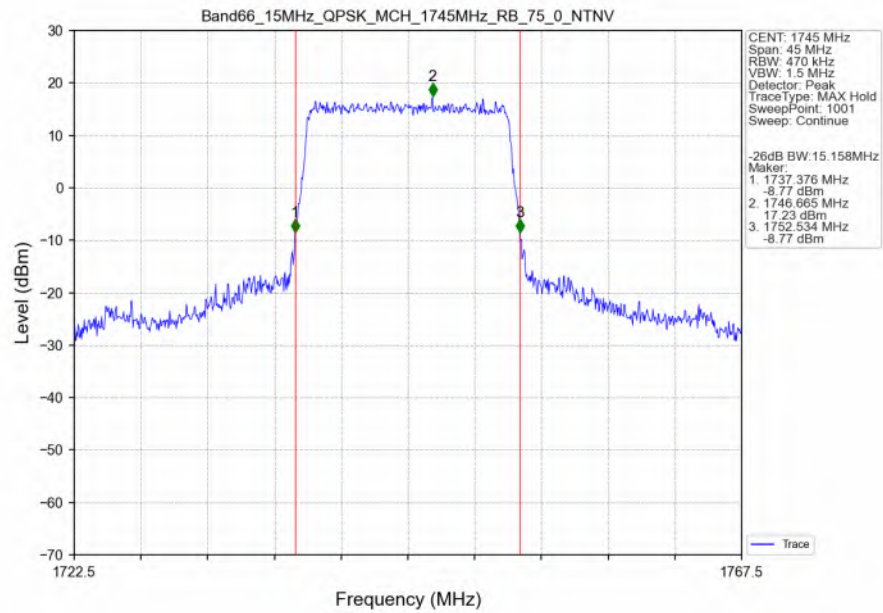
Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTNV



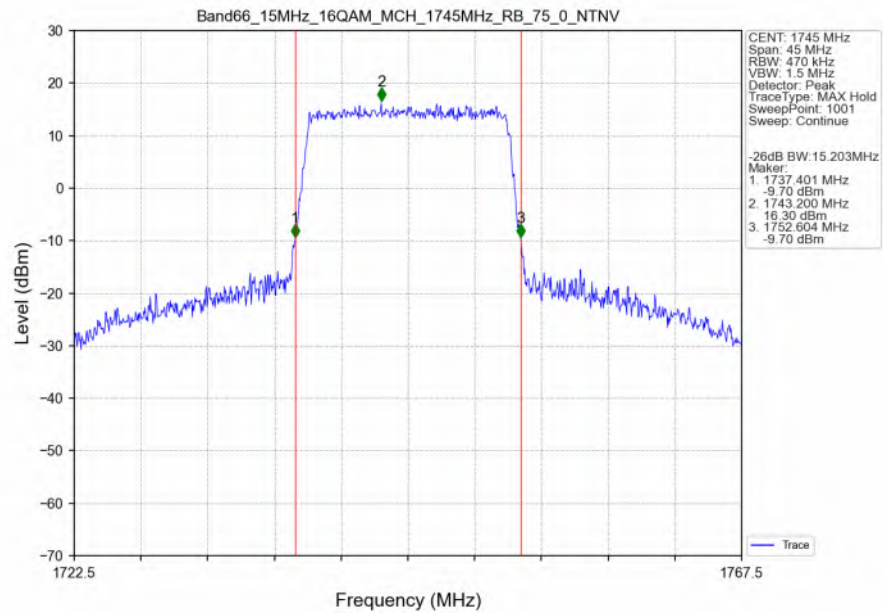
Band66 10MHz 256QAM MCH 1745MHz RB 50 0 NTNV



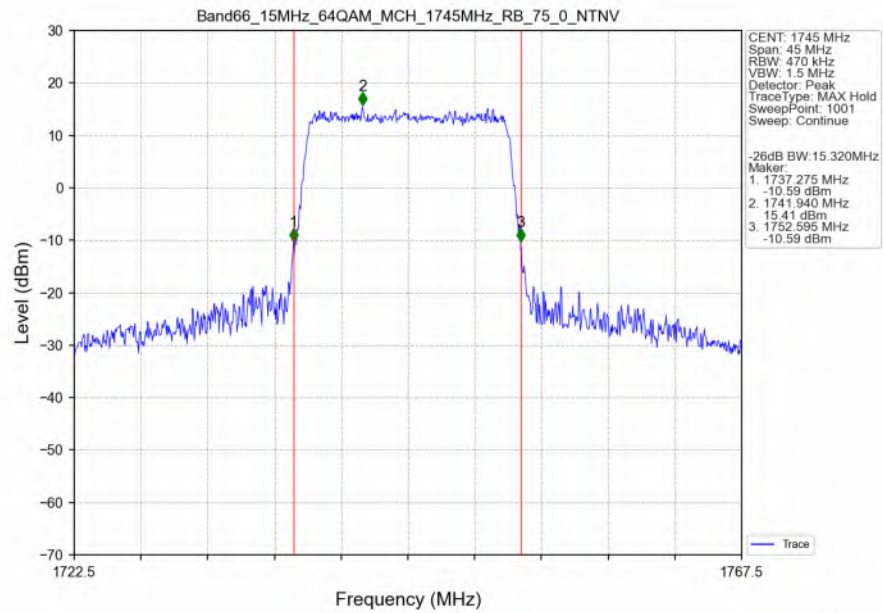
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



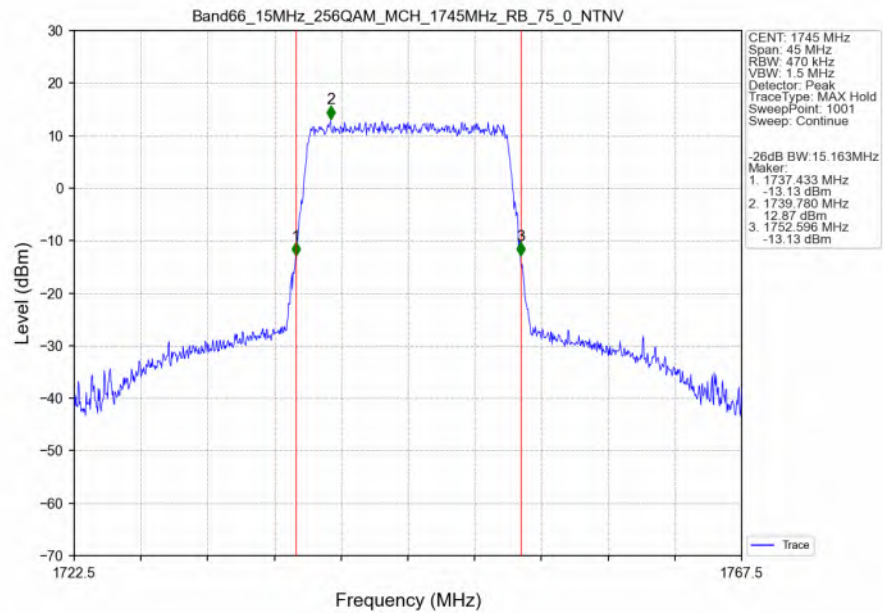
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



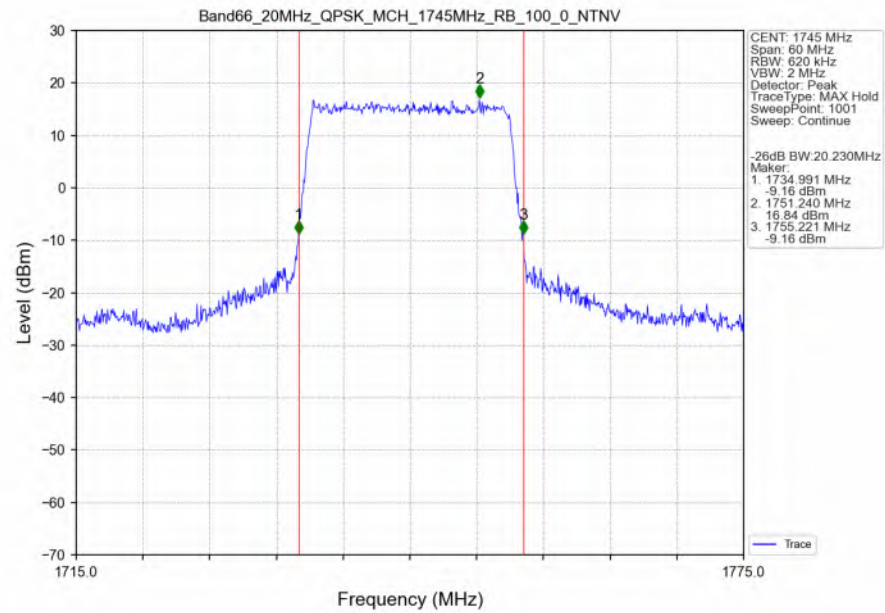
Band66 15MHz 64QAM MCH 1745MHz RB 75 0 NTNV



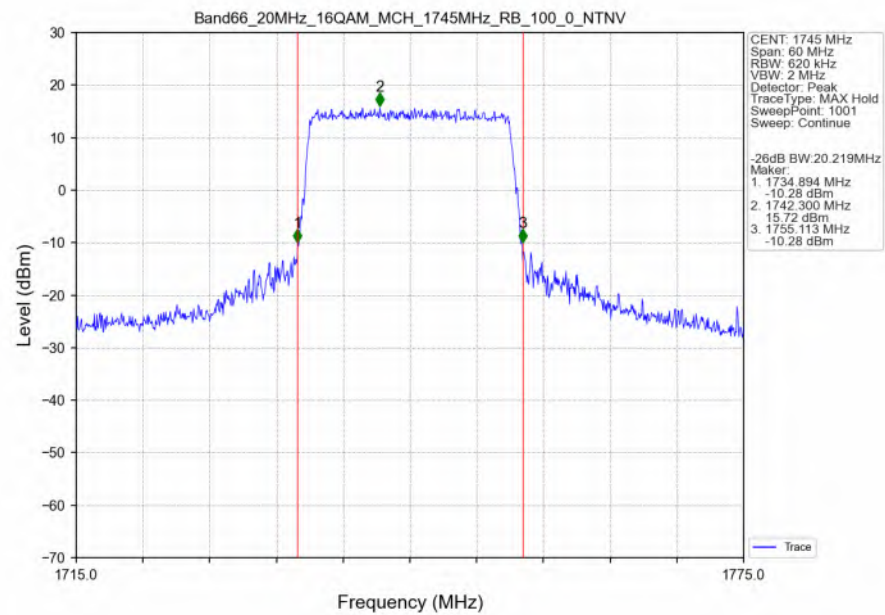
Band66 15MHz 256QAM MCH 1745MHz RB 75 0 NTNV



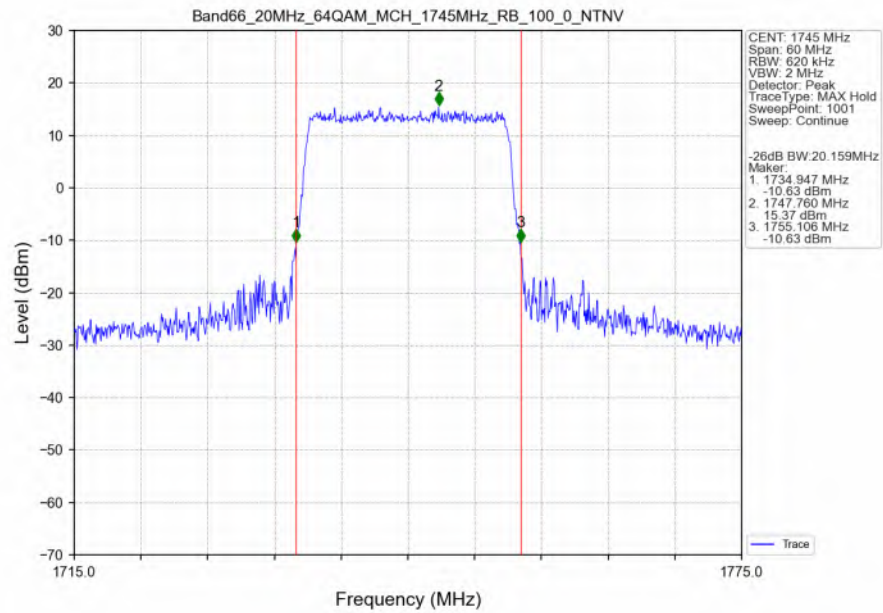
# Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



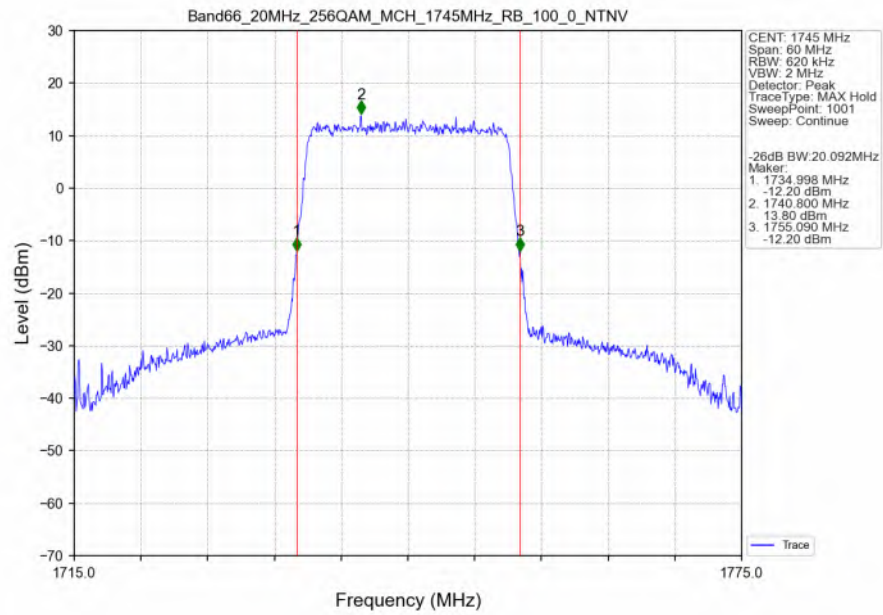
# Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTNV



# Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTV



# Band66 20MHz 256QAM MCH 1745MHz RB 100 0 NTV



## 4. Peak-Average Ratio

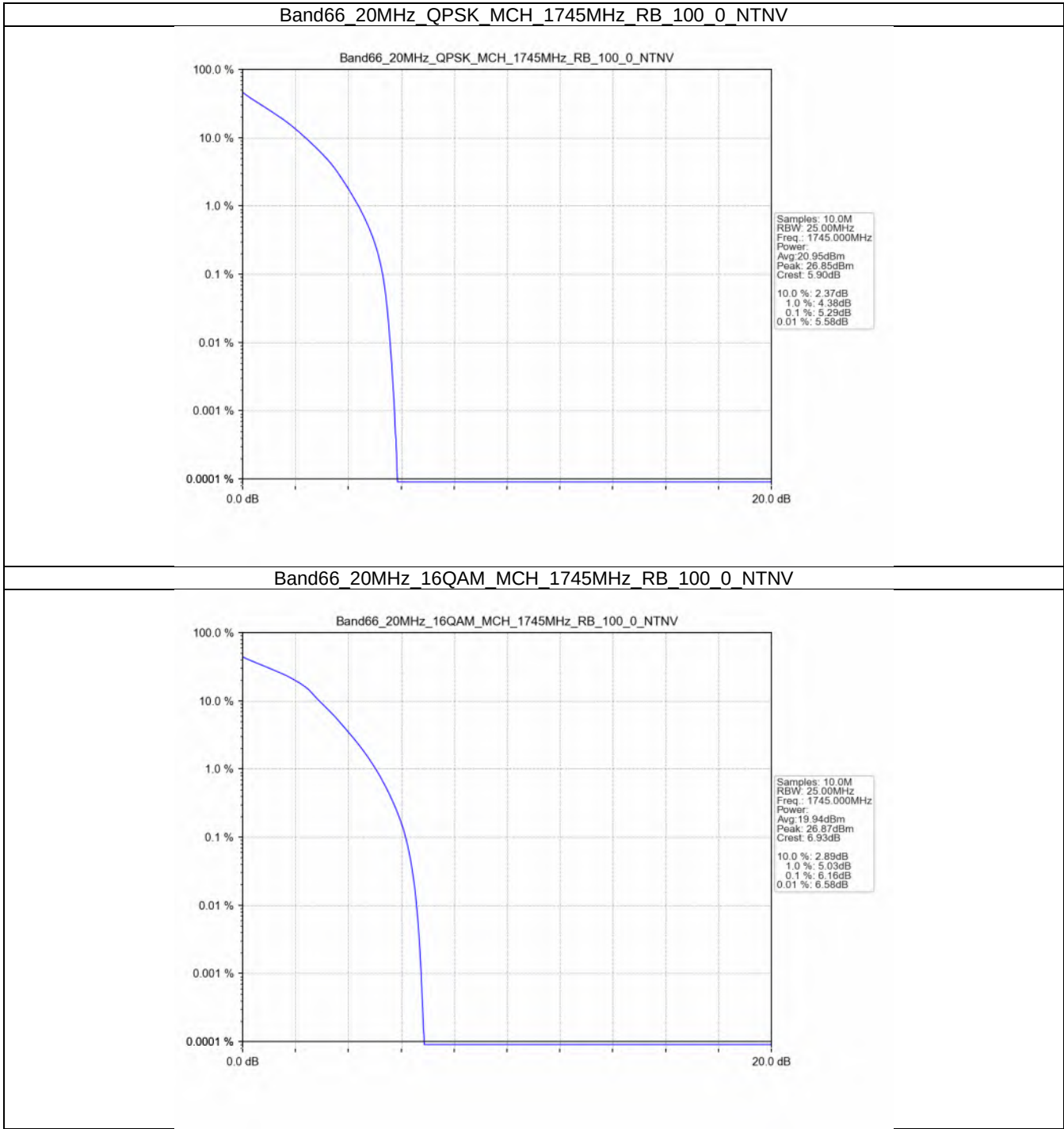
### 4.1 Test Result

#### 4.1.1 B66\_20MHz

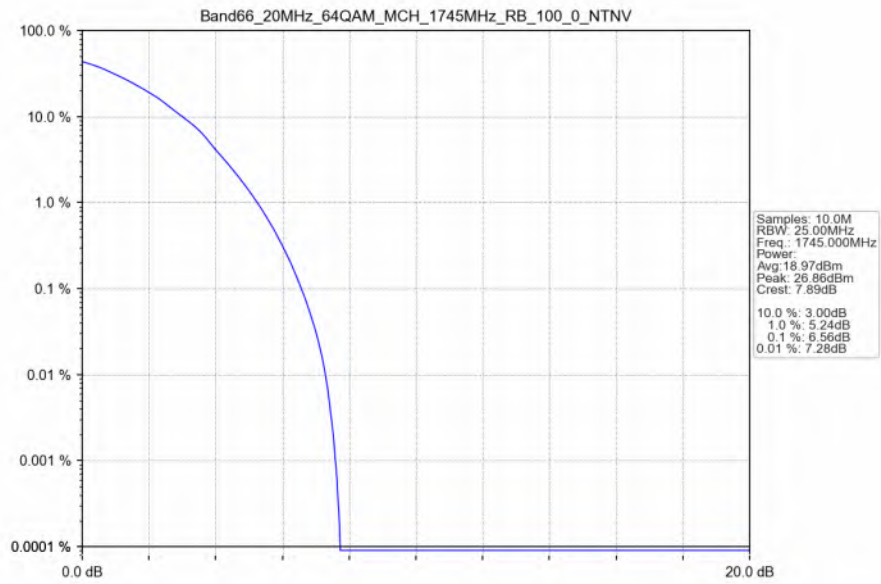
| Band: 66 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1745            | 100           | 0      | 5.29                    | <=13  | Pass    |
| 16QAM                              | 1745            | 100           | 0      | 6.16                    | <=13  | Pass    |
| 64QAM                              | 1745            | 100           | 0      | 6.56                    | <=13  | Pass    |
| 256QAM                             | 1745            | 100           | 0      | 6.81                    | <=13  | Pass    |

# 4.2 Test Graph

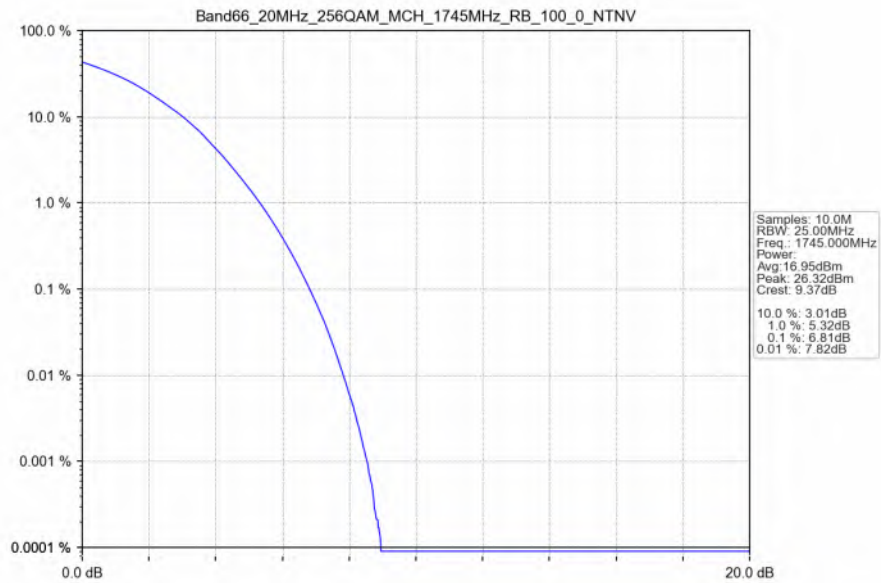
## 4.2.1 B66\_20MHz



Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTNV



Band66 20MHz 256QAM MCH 1745MHz RB 100 0 NTNV



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B66\_1.4MHz

| Band: 66 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                     |       |         |
|-------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                     |                 | Size          | Offset | Result              | Limit |         |
| QPSK                                | 1710.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                     | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     | 1779.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.2 B66\_3MHz

| Band: 66 / Bandwidth: 3MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1711.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1778.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.3 B66\_5MHz

| Band: 66 / Bandwidth: 5MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1712.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1777.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.4 B66\_10MHz

| Band: 66 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1715            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1775            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

### 5.1.5 B66\_15MHz

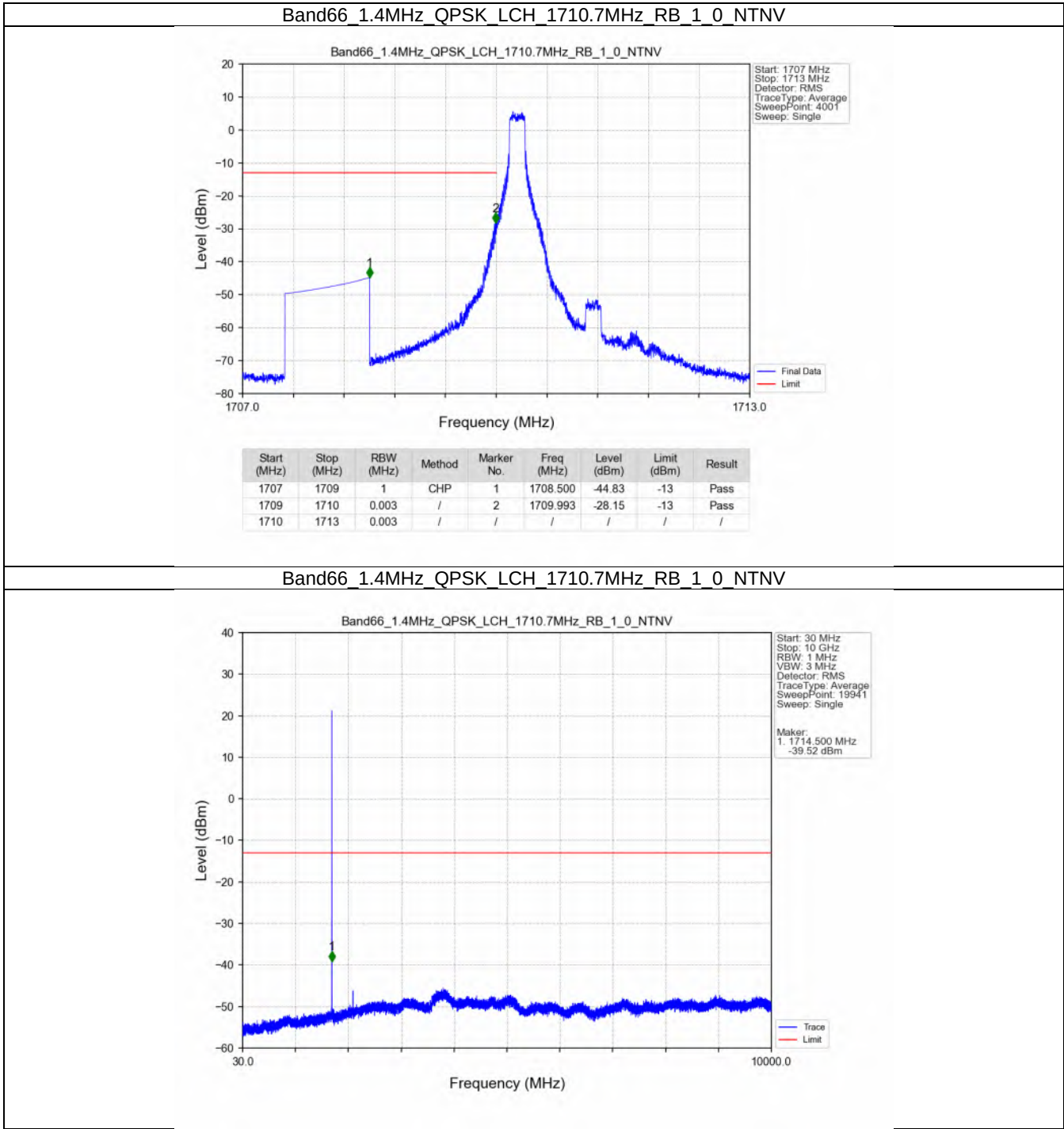
| Band: 66 / Bandwidth: 15MHz / NTVN |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1717.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1772.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

### 5.1.6 B66\_20MHz

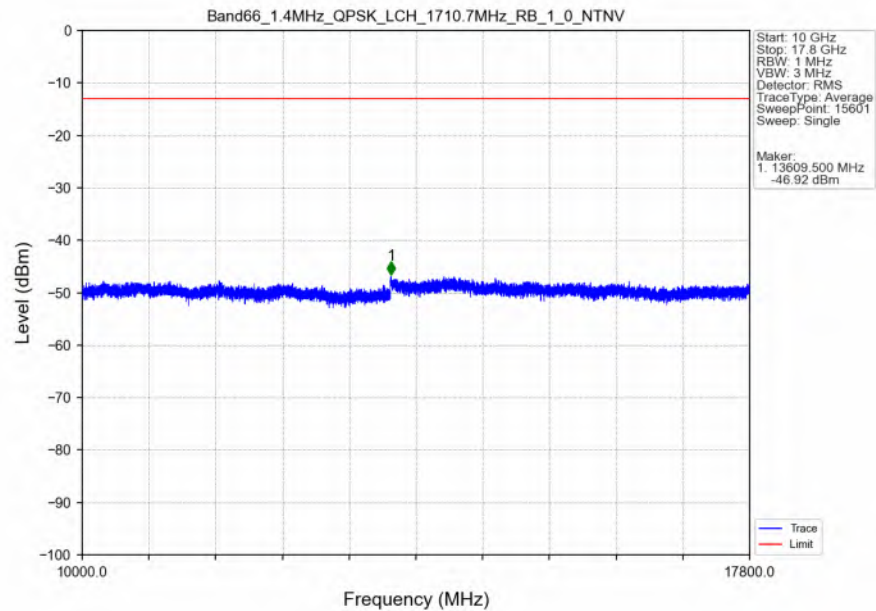
| Band: 66 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1720            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1770            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

5.2 Test Graph

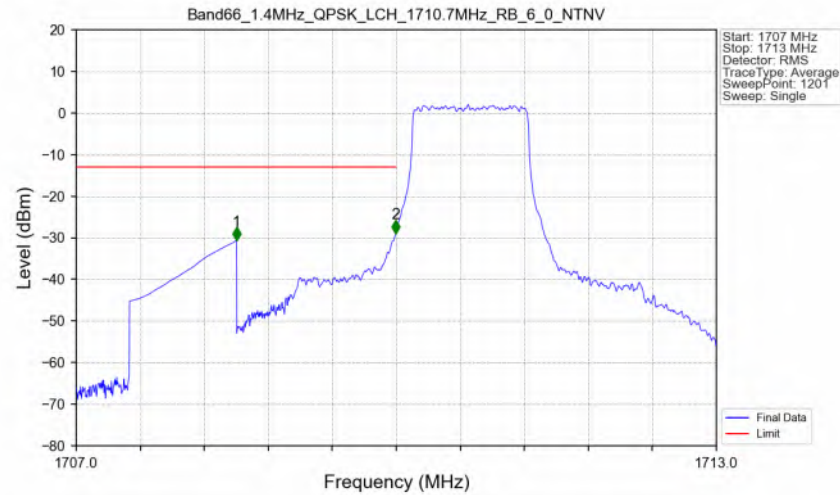
5.2.1 B66\_1.4MHz



Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

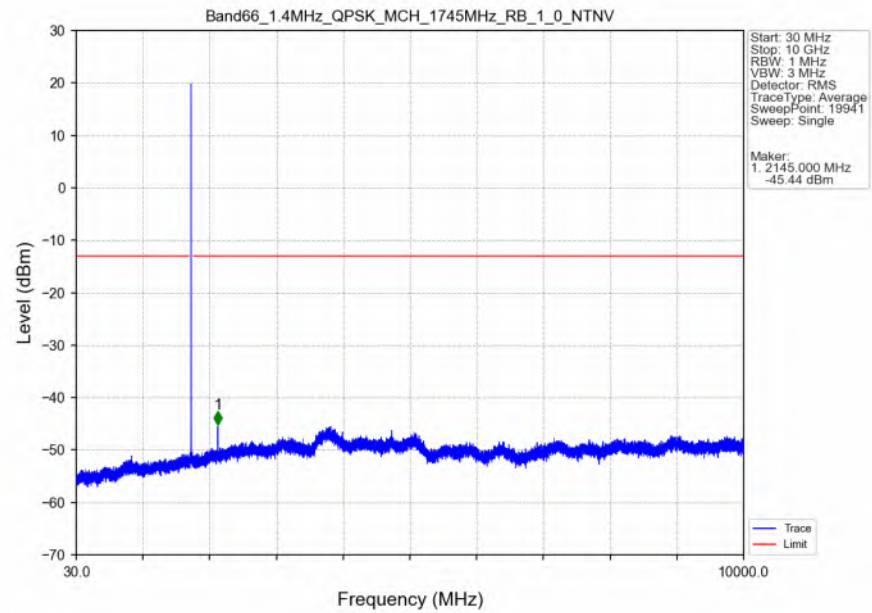


Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

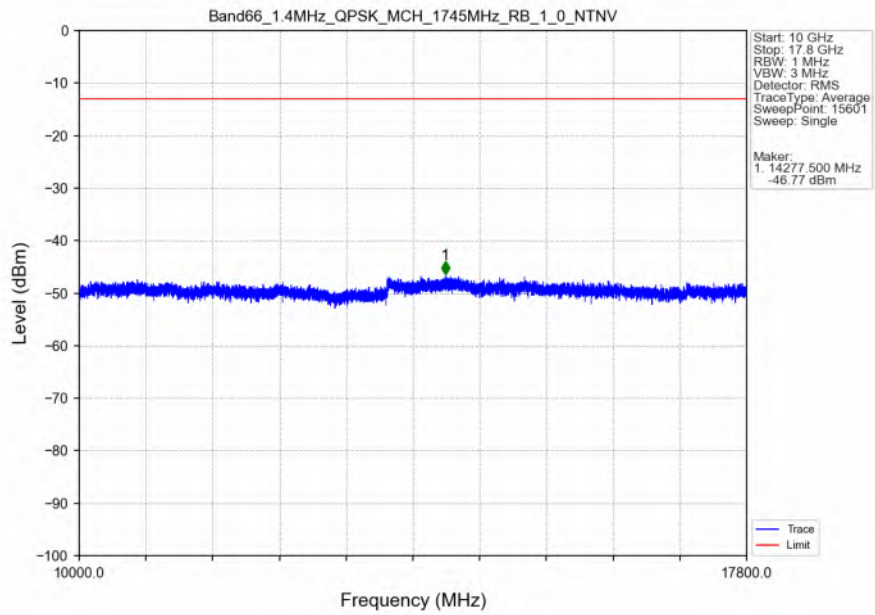


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -30.66      | -13         | Pass   |
| 1709        | 1710       | 0.014     | CHP    | 2          | 1709.995   | -28.85      | -13         | Pass   |
| 1710        | 1713       | 0.014     | CHP    | /          | /          | /           | /           | /      |

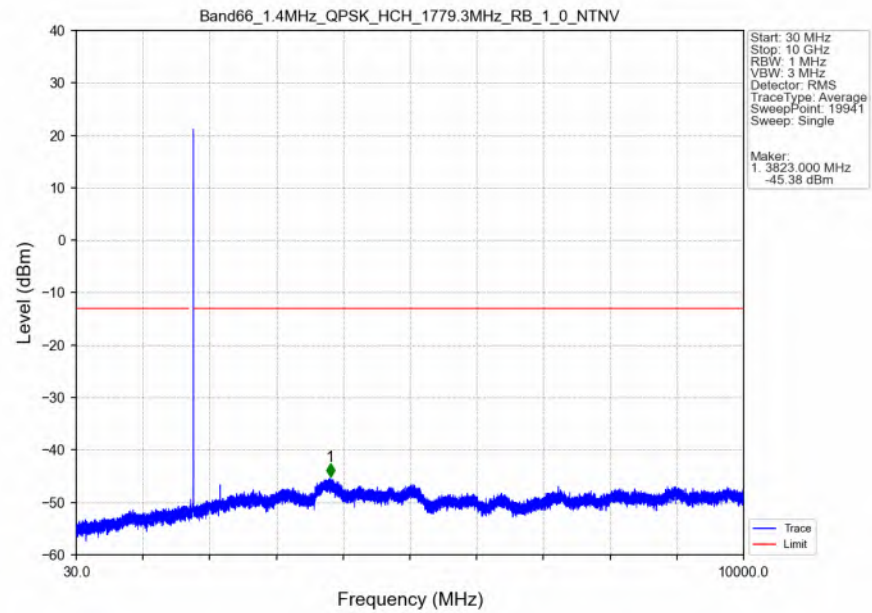
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



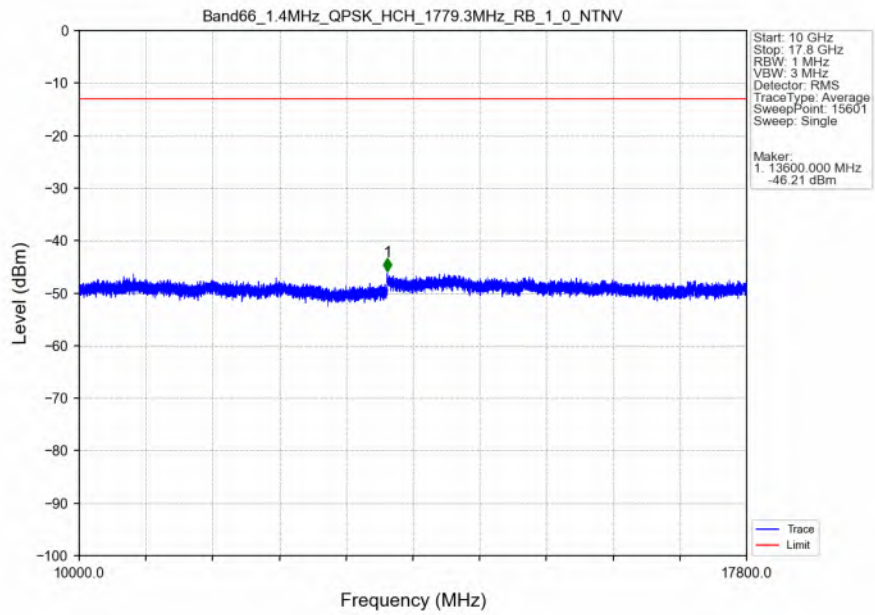
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



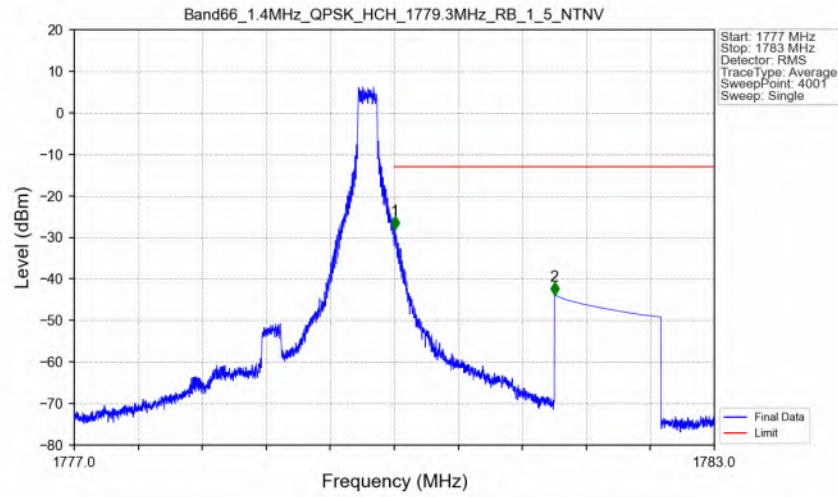
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV

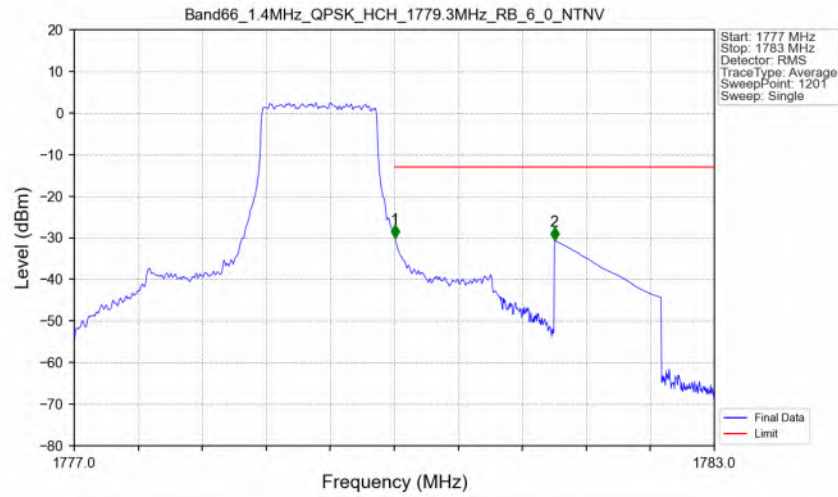


# Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



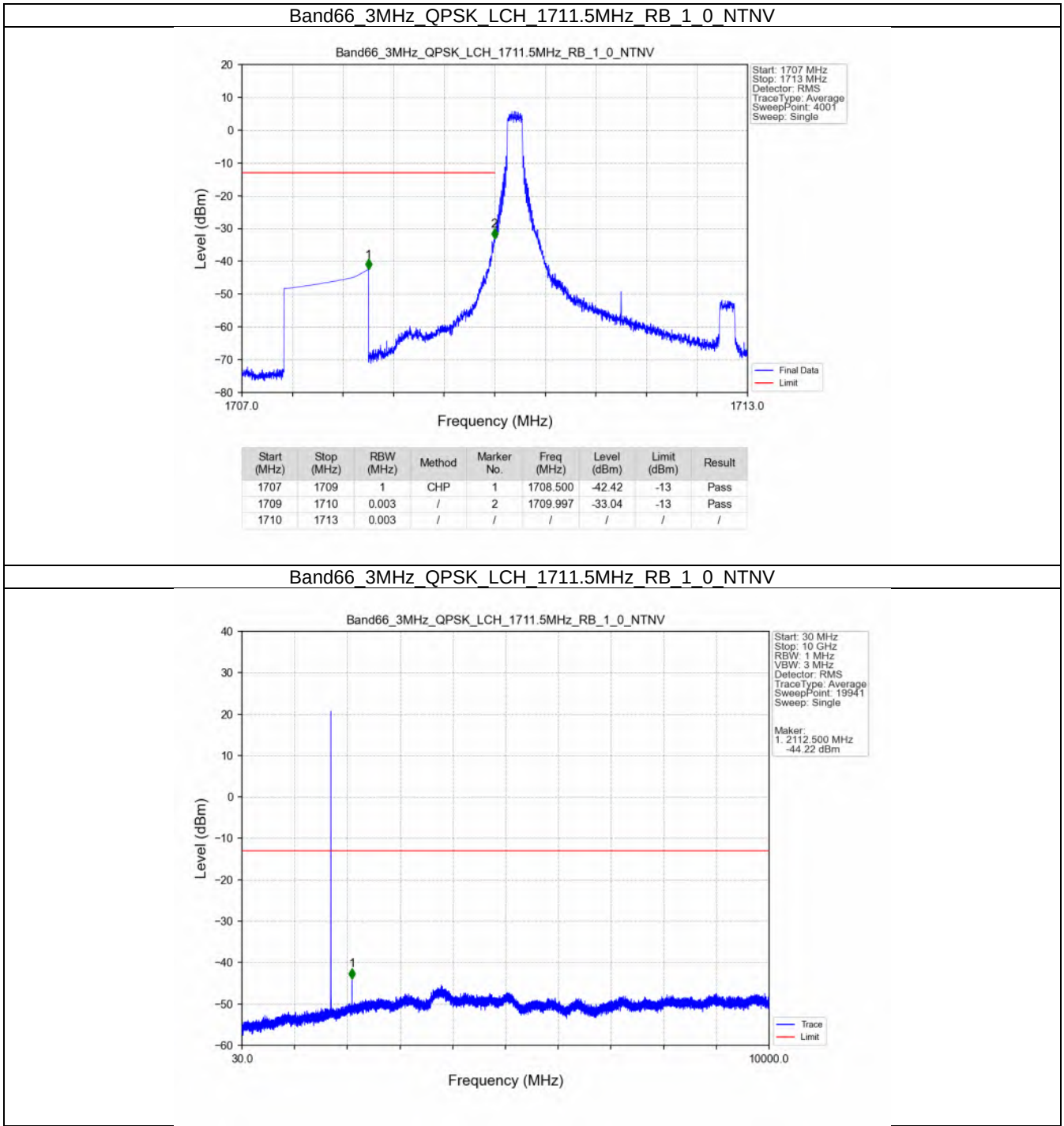
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.006   | -27.95      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -43.88      | -13         | Pass   |

# Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV

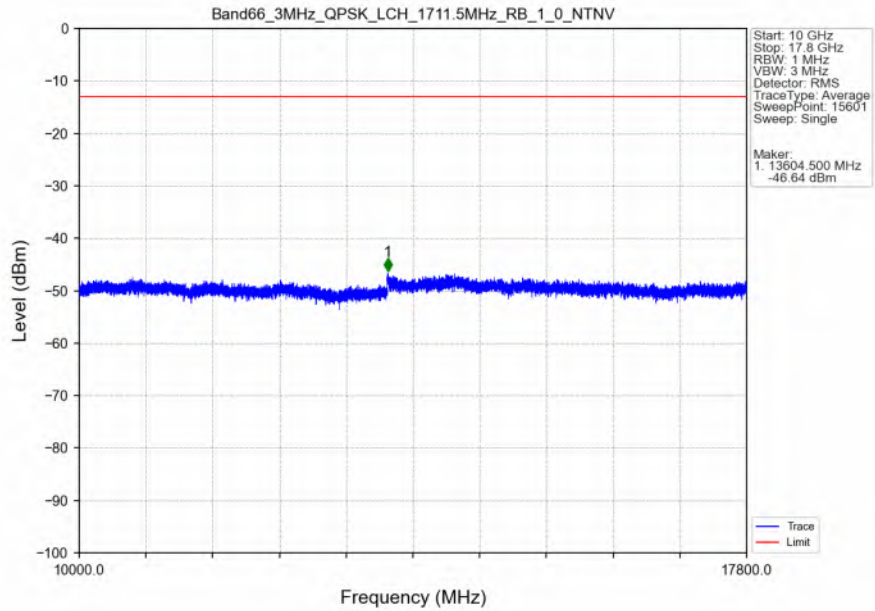


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.014     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.014     | CHP    | 1          | 1780.005   | -29.95      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -30.62      | -13         | Pass   |

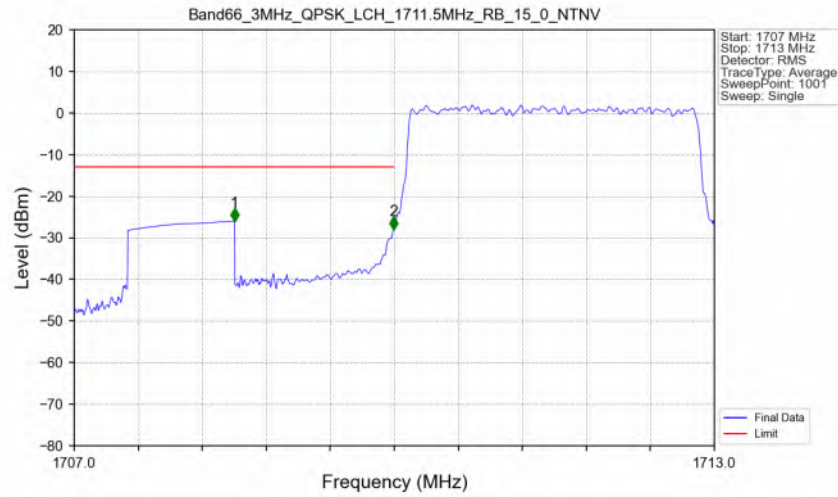
5.2.2 B66\_3MHz



# Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTV

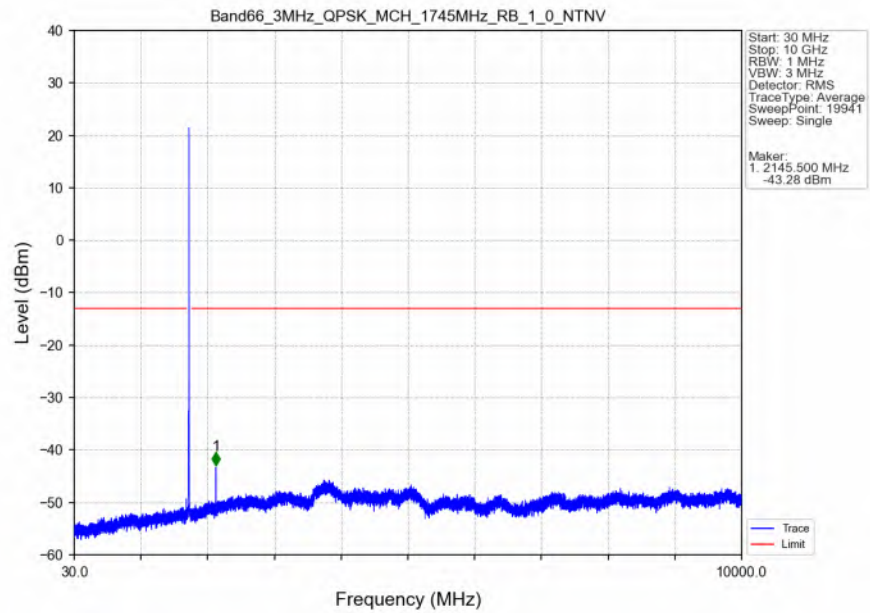


# Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTV

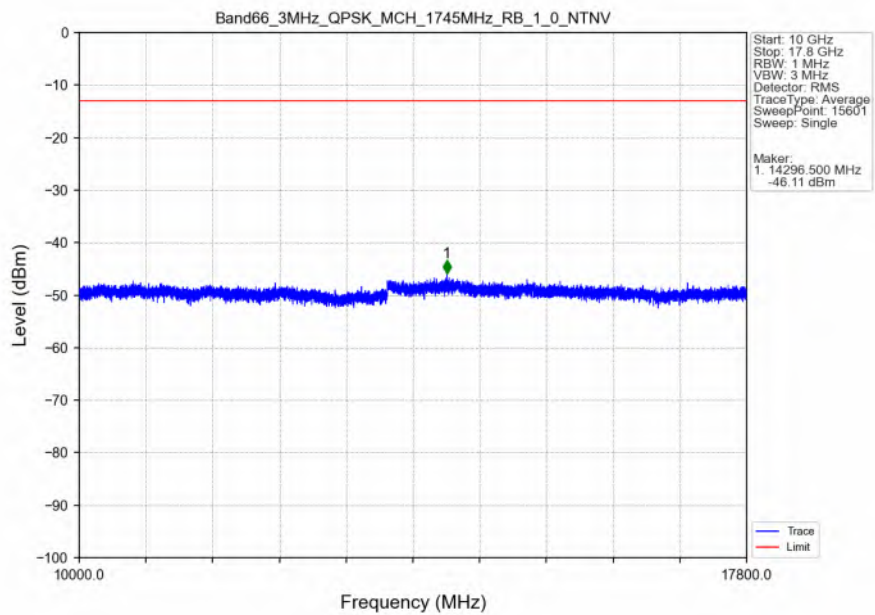


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -26.05      | -13         | Pass   |
| 1709        | 1710       | 0.031     | CHP    | 2          | 1709.994   | -28.06      | -13         | Pass   |
| 1710        | 1713       | 0.031     | CHP    | /          | /          | /           | /           | /      |

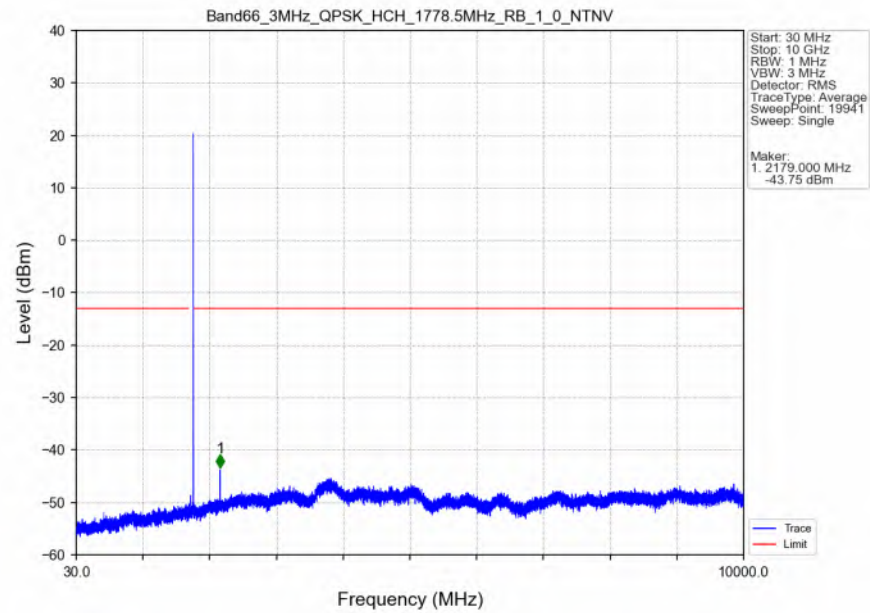
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



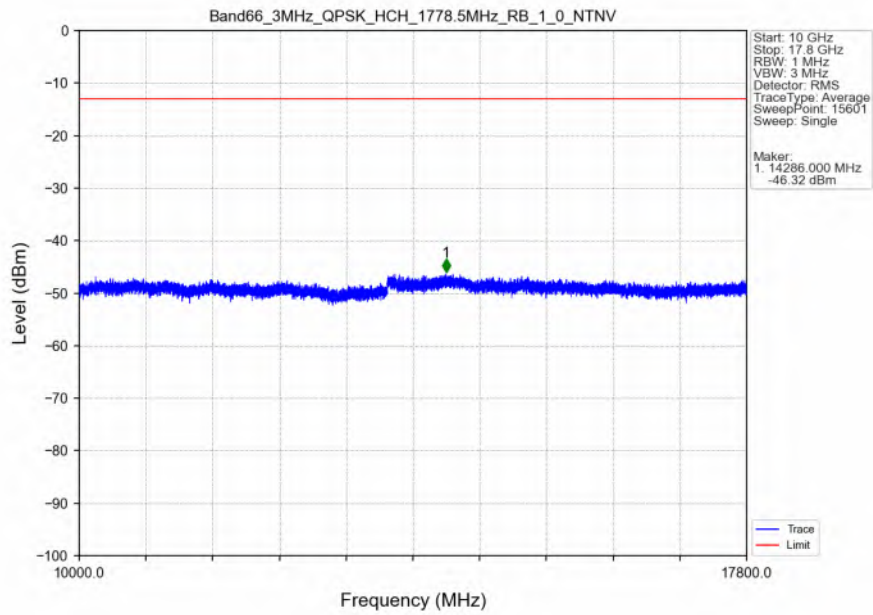
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



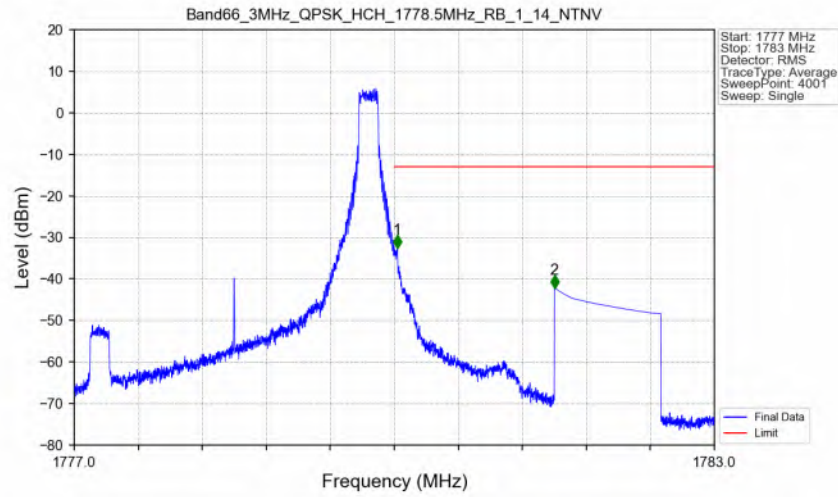
# Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTN



# Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTN

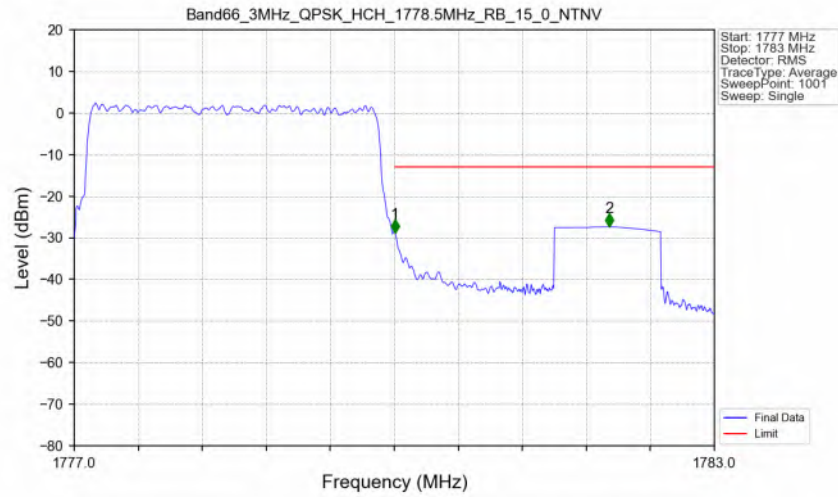


# Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTV



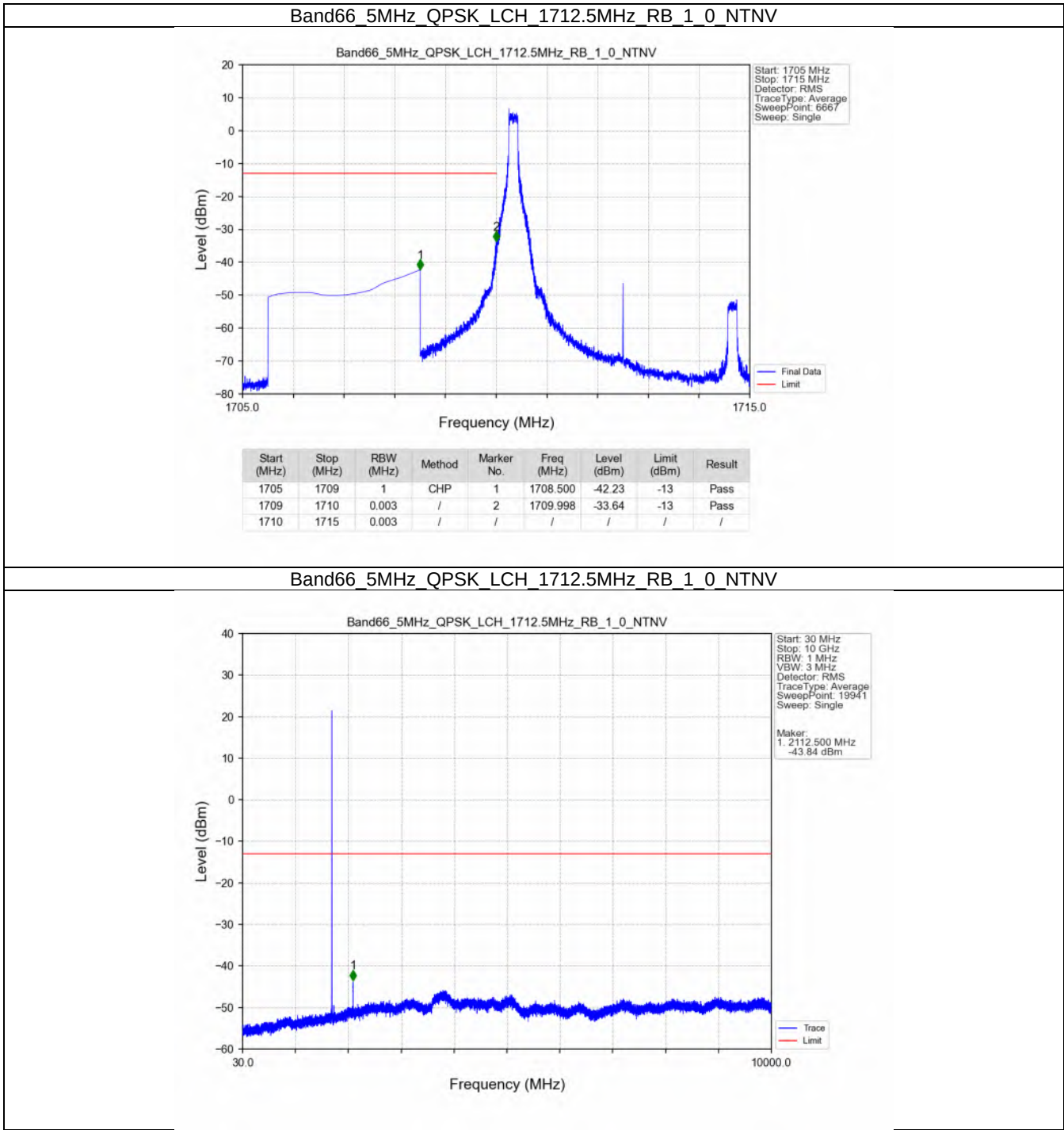
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.028   | -32.61      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -42.16      | -13         | Pass   |

# Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTV

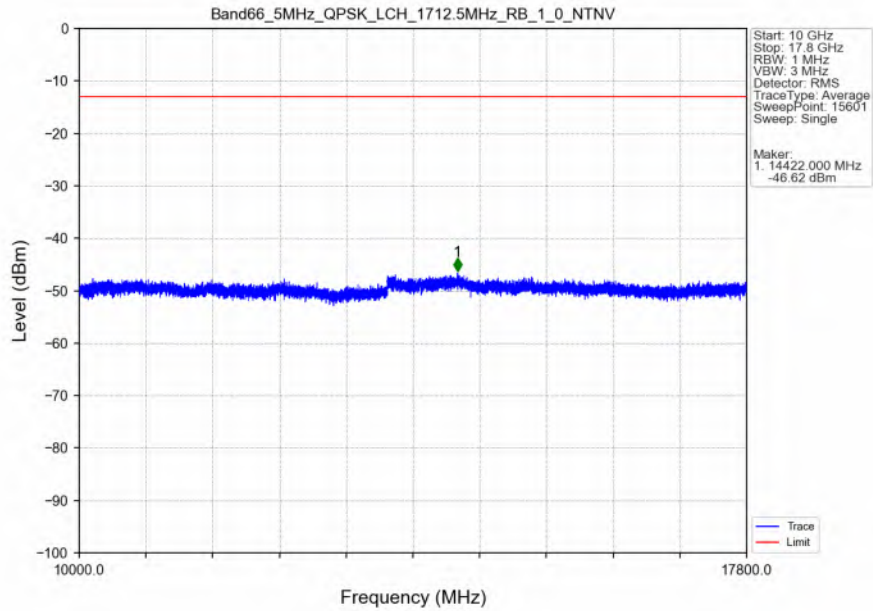


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.031     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.031     | CHP    | 1          | 1780.006   | -28.69      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1782.016   | -27.35      | -13         | Pass   |

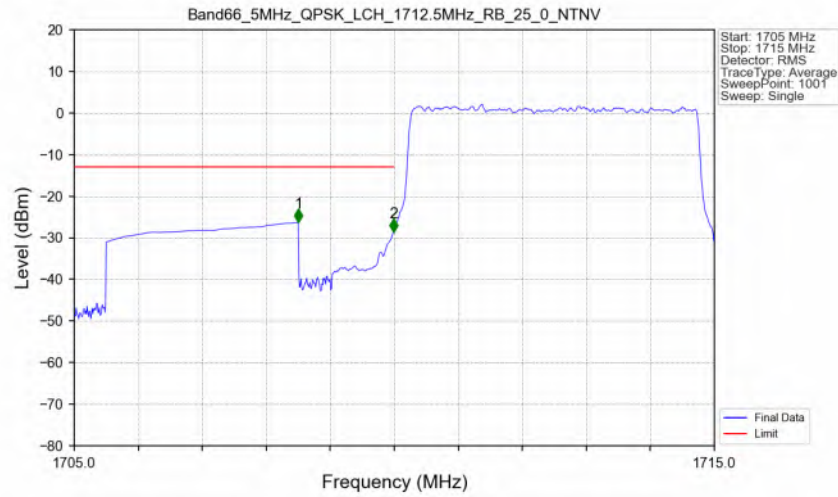
5.2.3 B66\_5MHz



# Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTV

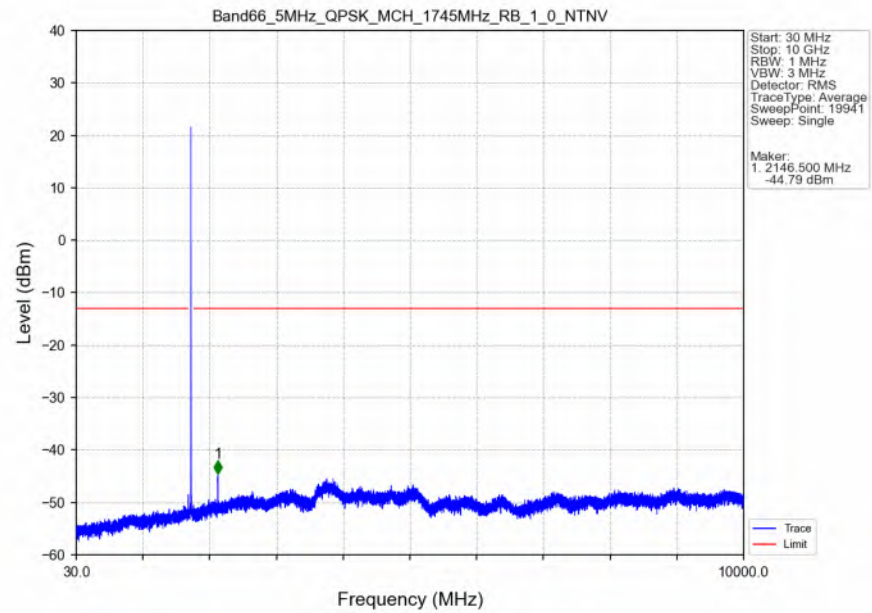


# Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTV

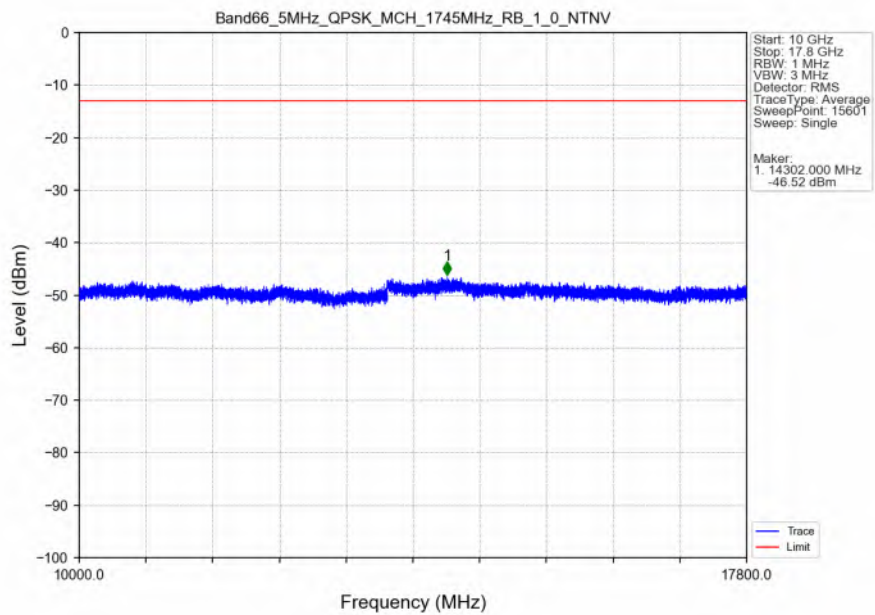


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | CHP    | 1          | 1708.500   | -26.28      | -13         | Pass   |
| 1709        | 1710       | 0.052     | CHP    | 2          | 1709.990   | -28.53      | -13         | Pass   |
| 1710        | 1715       | 0.052     | CHP    | /          | /          | /           | /           | /      |

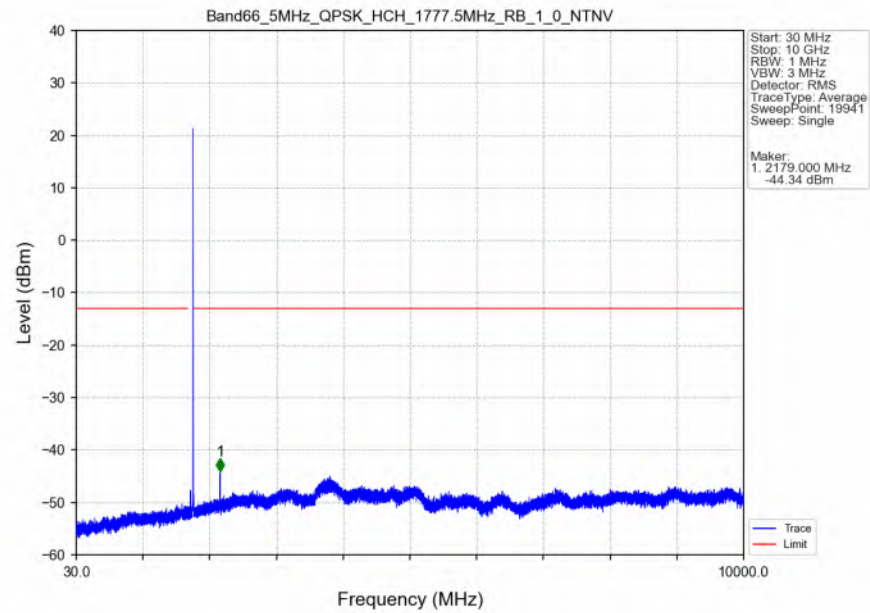
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



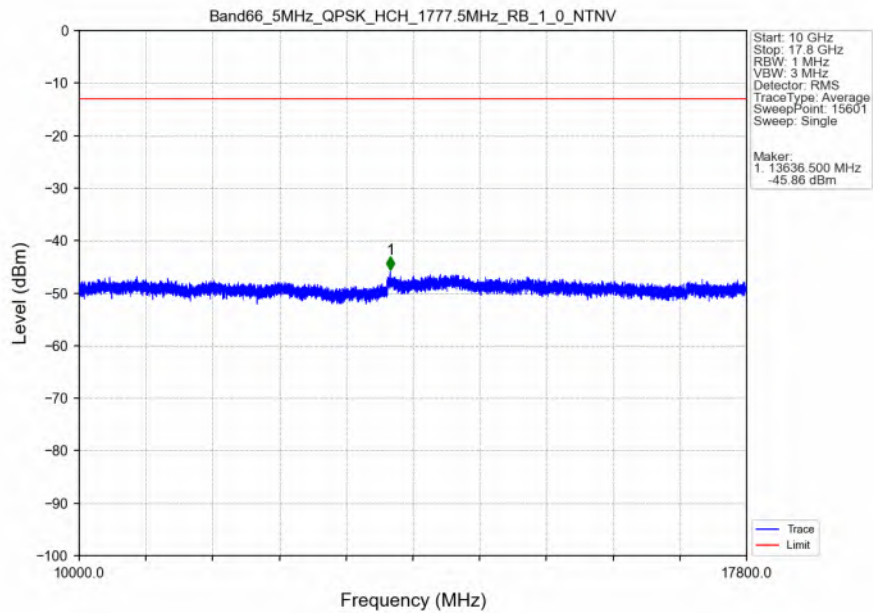
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



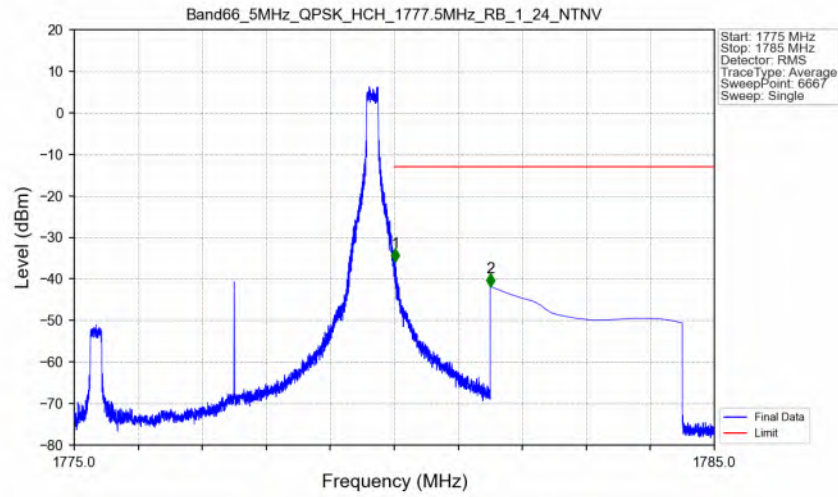
# Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTN



# Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTN

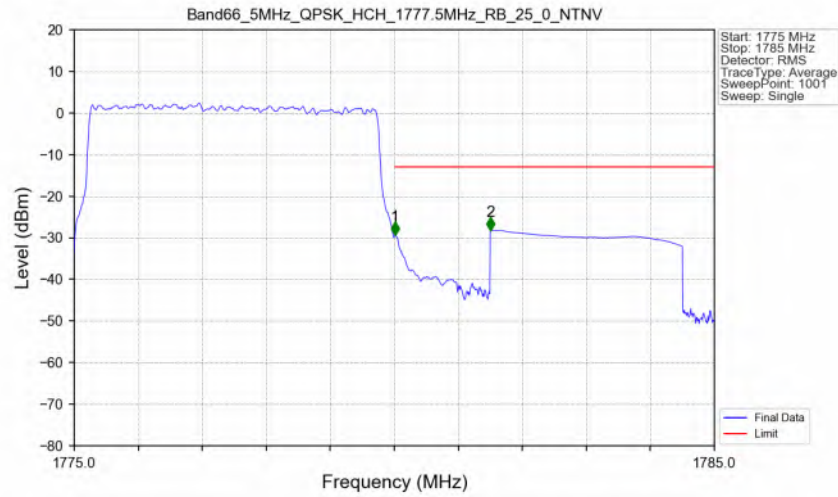


# Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTV



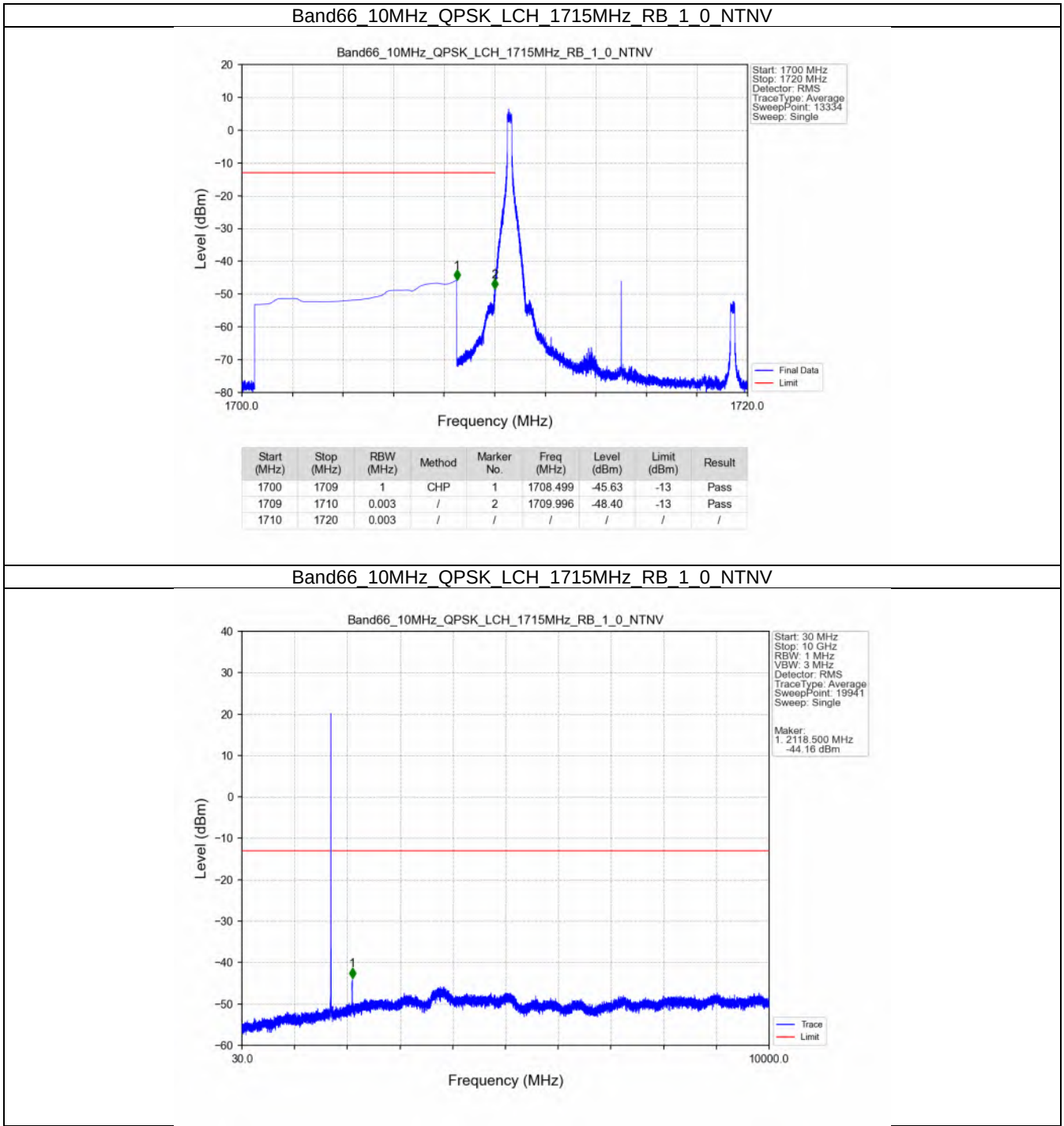
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1775        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.014   | -35.84      | -13         | Pass   |
| 1781        | 1785       | 1         | CHP    | 2          | 1781.500   | -41.80      | -13         | Pass   |

# Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTV

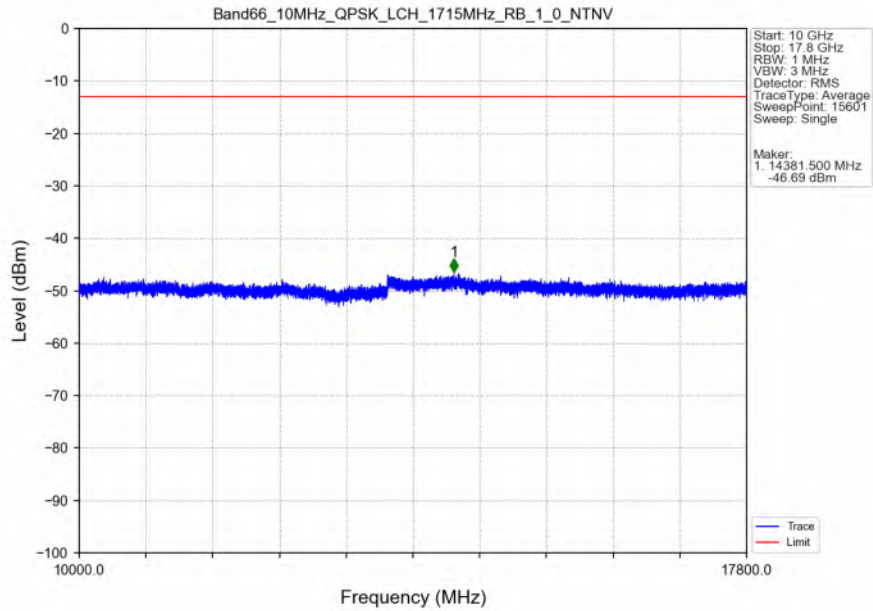


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1775        | 1780       | 0.052     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.052     | CHP    | 1          | 1780.010   | -29.24      | -13         | Pass   |
| 1781        | 1785       | 1         | CHP    | 2          | 1781.500   | -28.18      | -13         | Pass   |

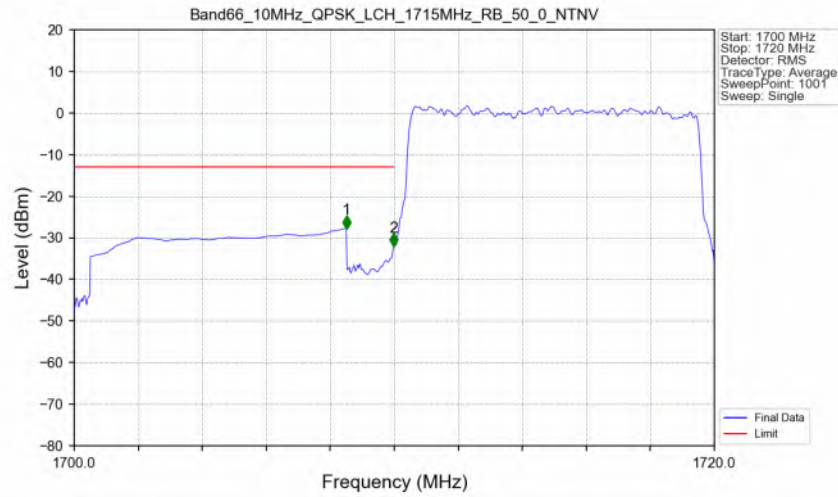
5.2.4 B66\_10MHz



# Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTNV

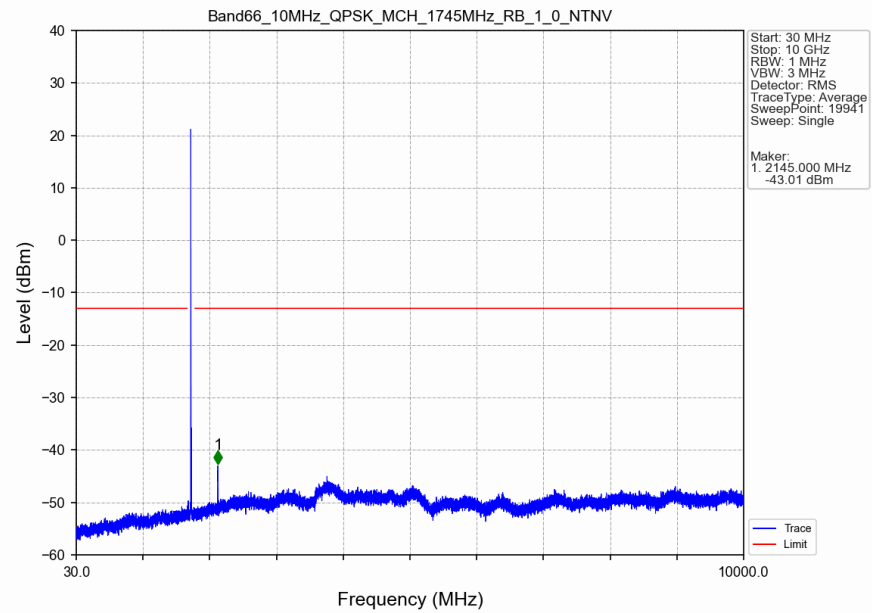


# Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV

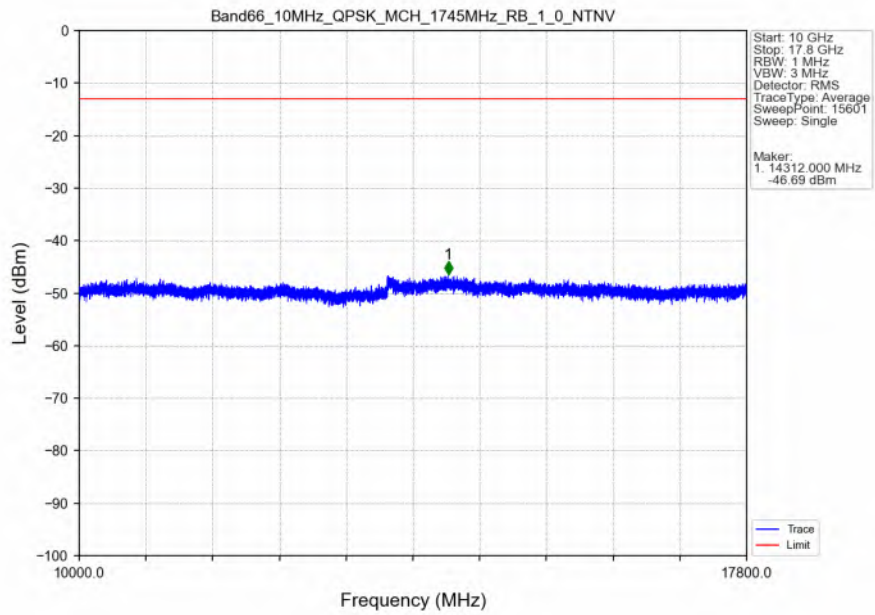


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | CHP    | 1          | 1708.500   | -27.76      | -13         | Pass   |
| 1709        | 1710       | 0.101     | CHP    | 2          | 1709.980   | -32.04      | -13         | Pass   |
| 1710        | 1720       | 0.101     | CHP    | /          | /          | /           | /           | /      |

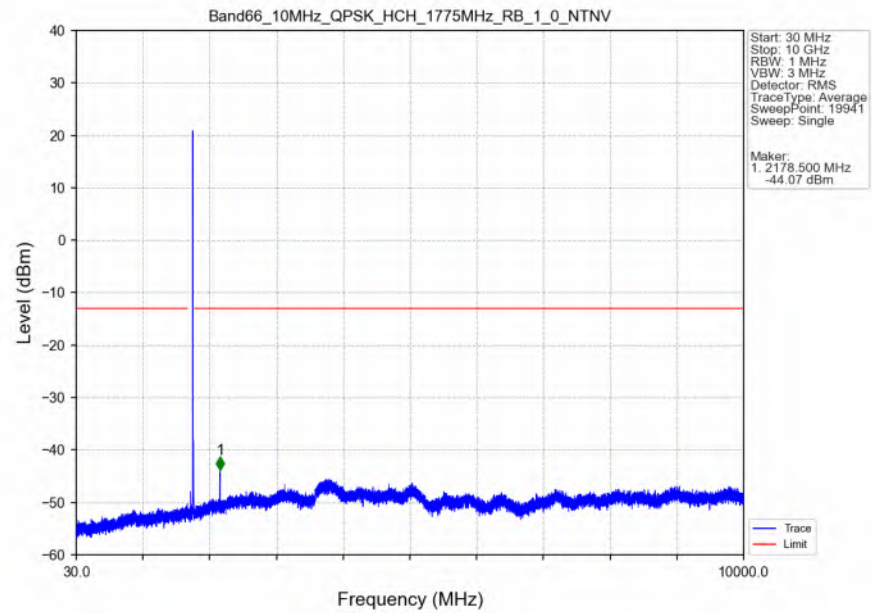
# Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



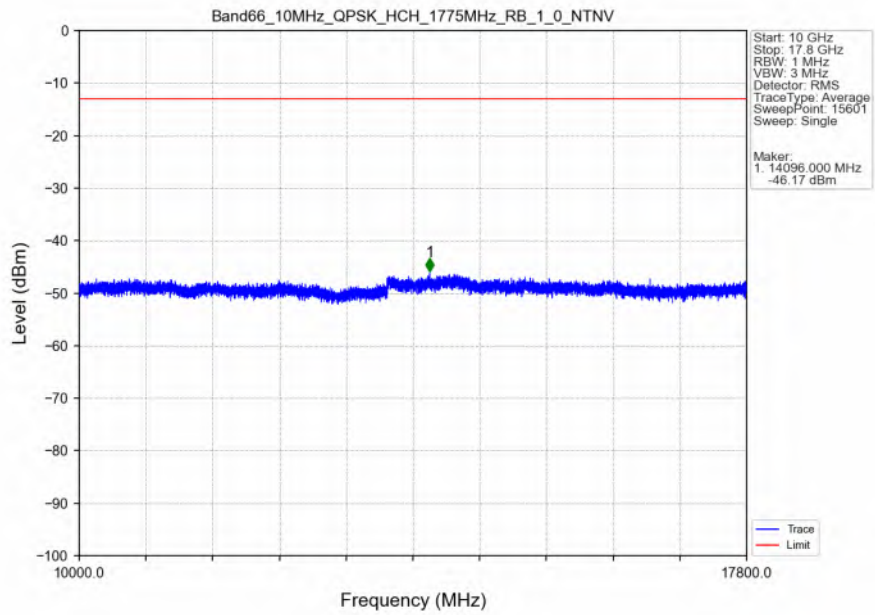
# Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



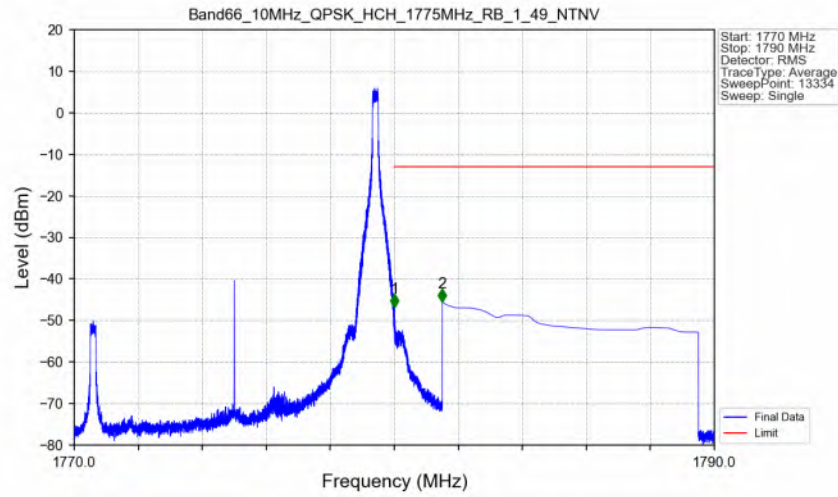
# Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTN



# Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTN

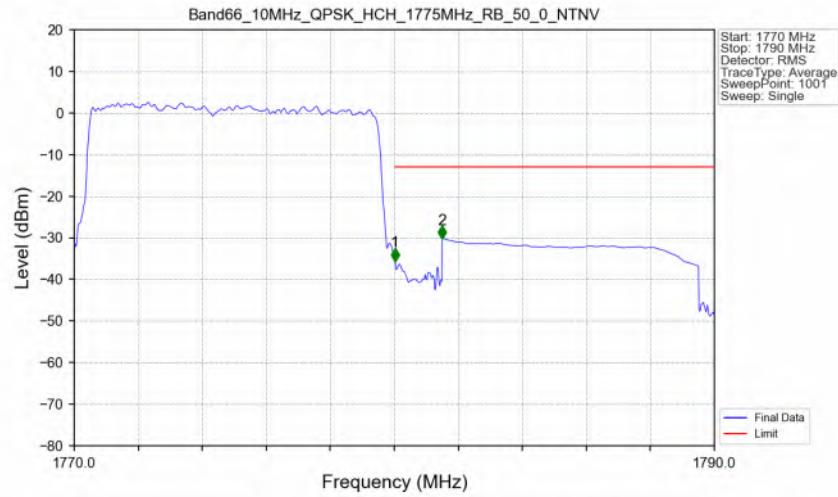


# Band66 10MHz QPSK HCH 1775MHz RB 1 49 NTV



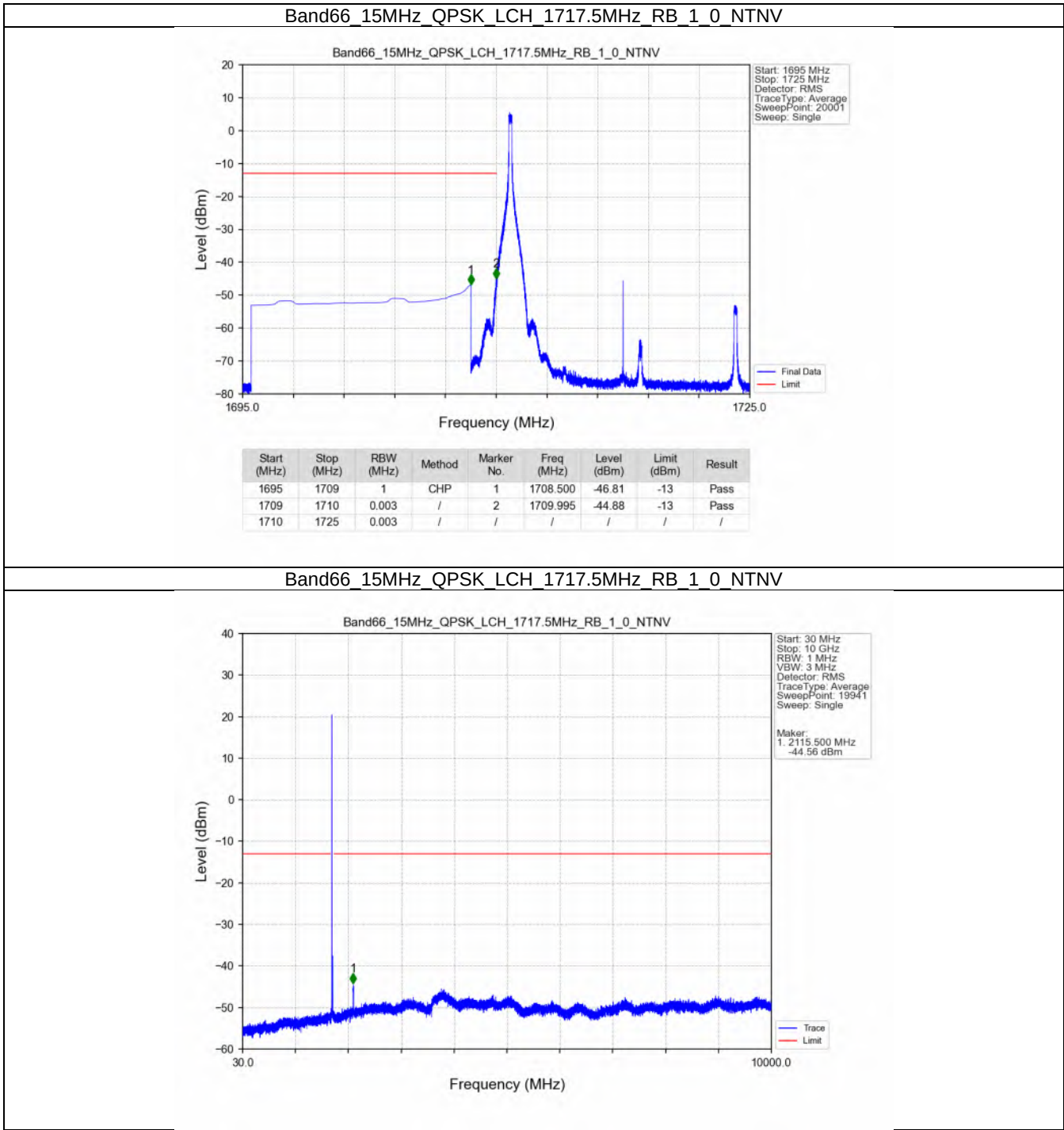
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1770        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.002   | -46.76      | -13         | Pass   |
| 1781        | 1790       | 1         | CHP    | 2          | 1781.501   | -45.54      | -13         | Pass   |

# Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV

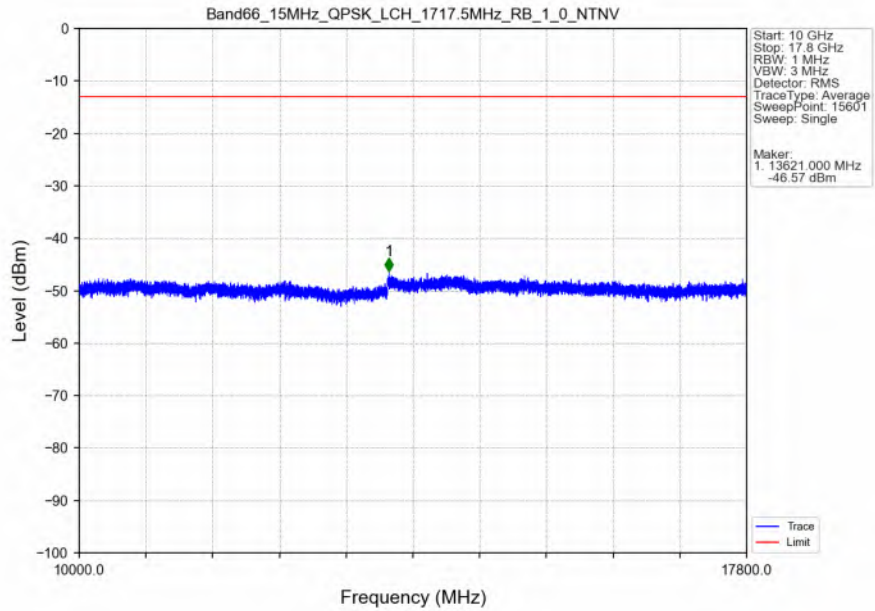


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1770        | 1780       | 0.102     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.102     | CHP    | 1          | 1780.020   | -35.59      | -13         | Pass   |
| 1781        | 1790       | 1         | CHP    | 2          | 1781.500   | -30.16      | -13         | Pass   |

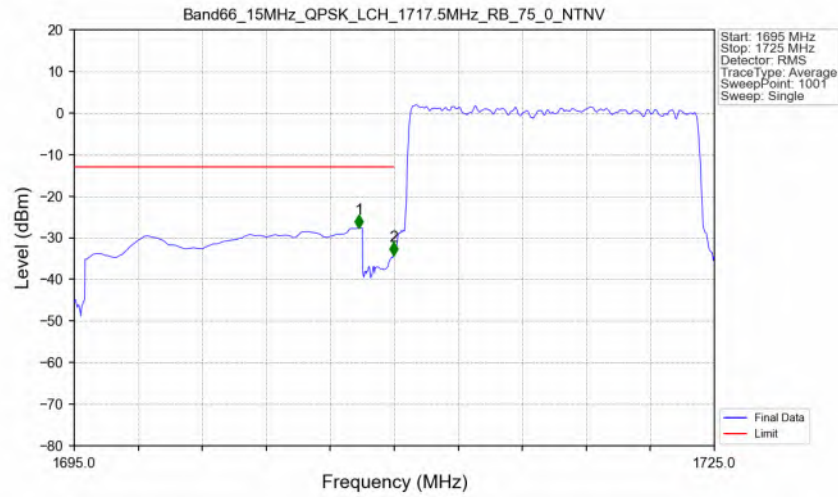
5.2.5 B66\_15MHz



# Band66 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV

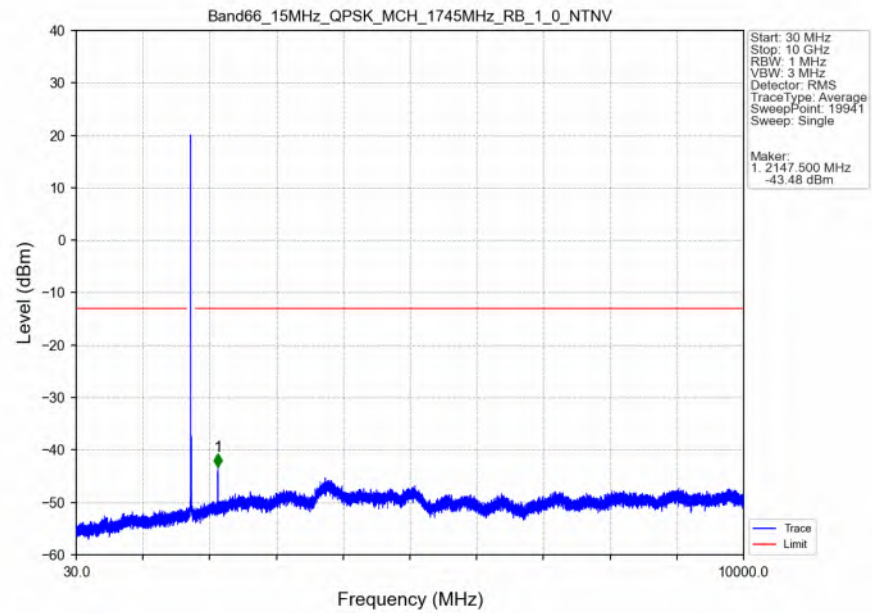


# Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

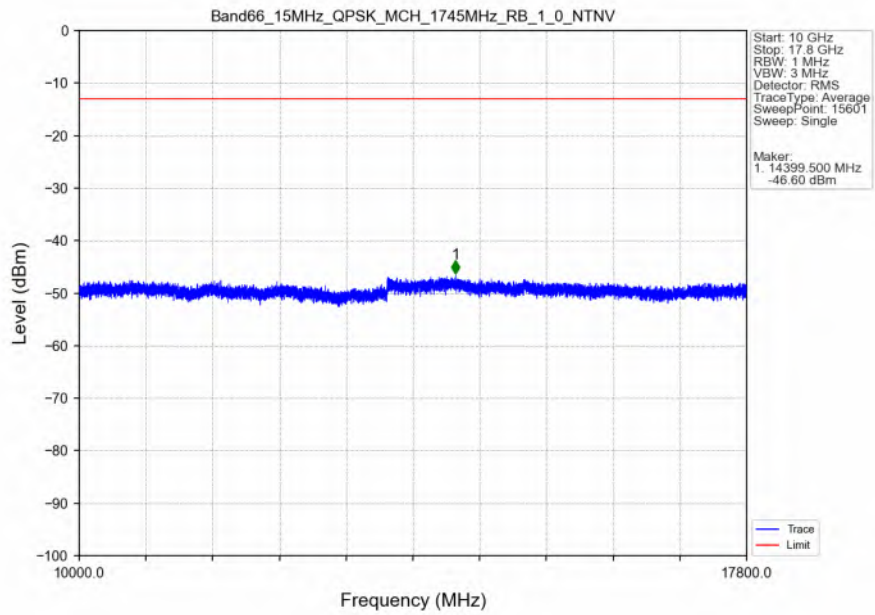


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1695        | 1709       | 1         | CHP    | 1          | 1708.350   | -27.64      | -13         | Pass   |
| 1709        | 1710       | 0.152     | CHP    | 2          | 1709.970   | -34.20      | -13         | Pass   |
| 1710        | 1725       | 0.152     | CHP    | /          | /          | /           | /           | /      |

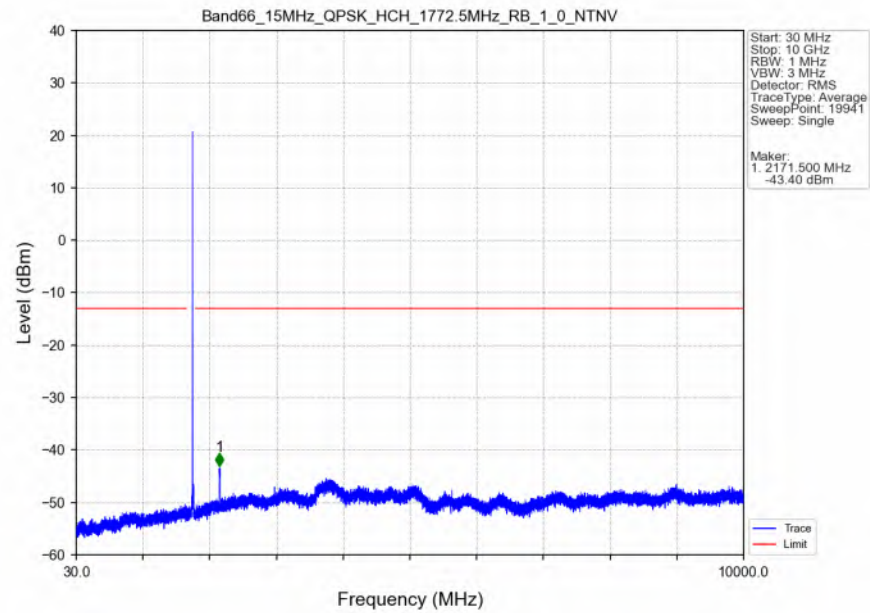
# Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



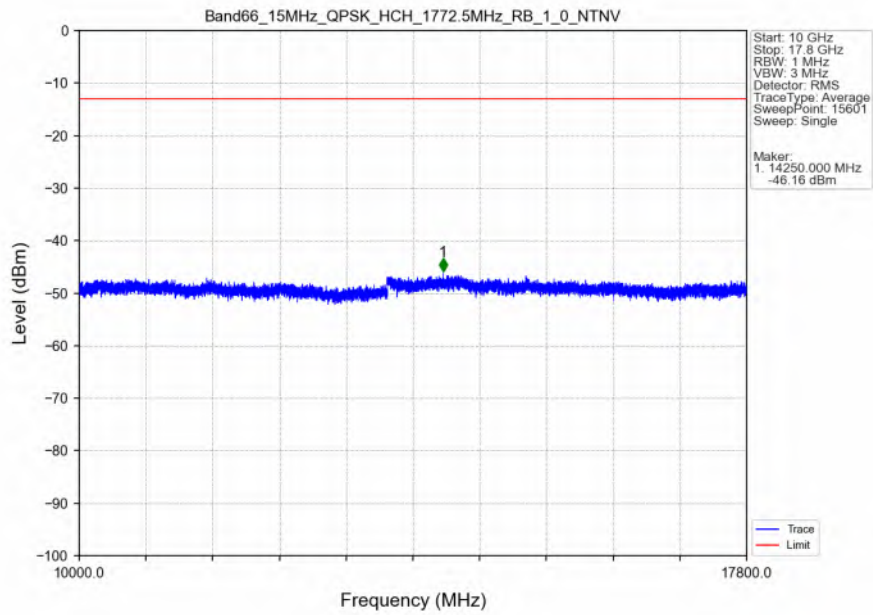
# Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



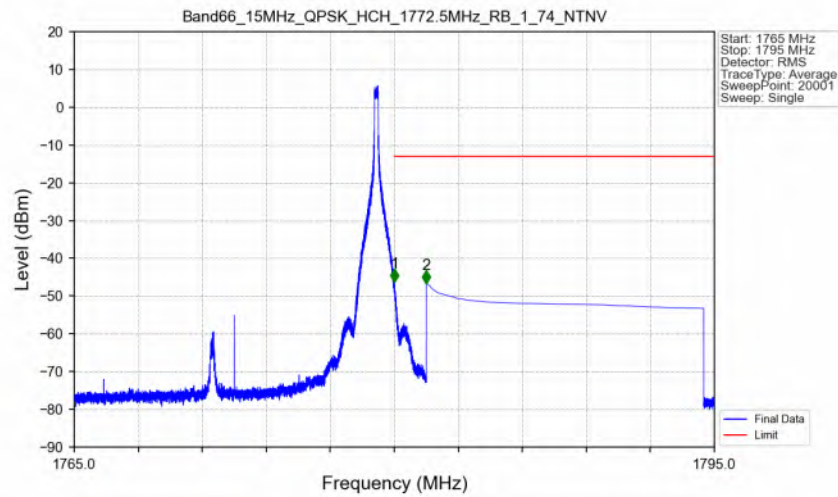
# Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTV



# Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTV

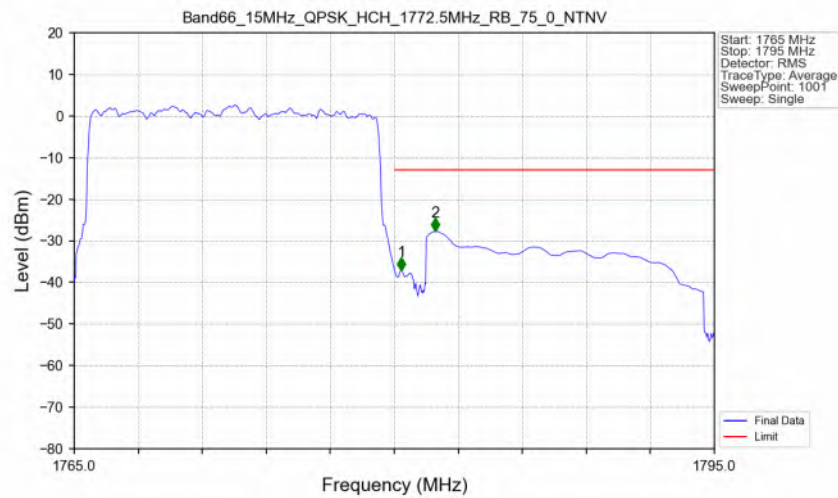


# Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



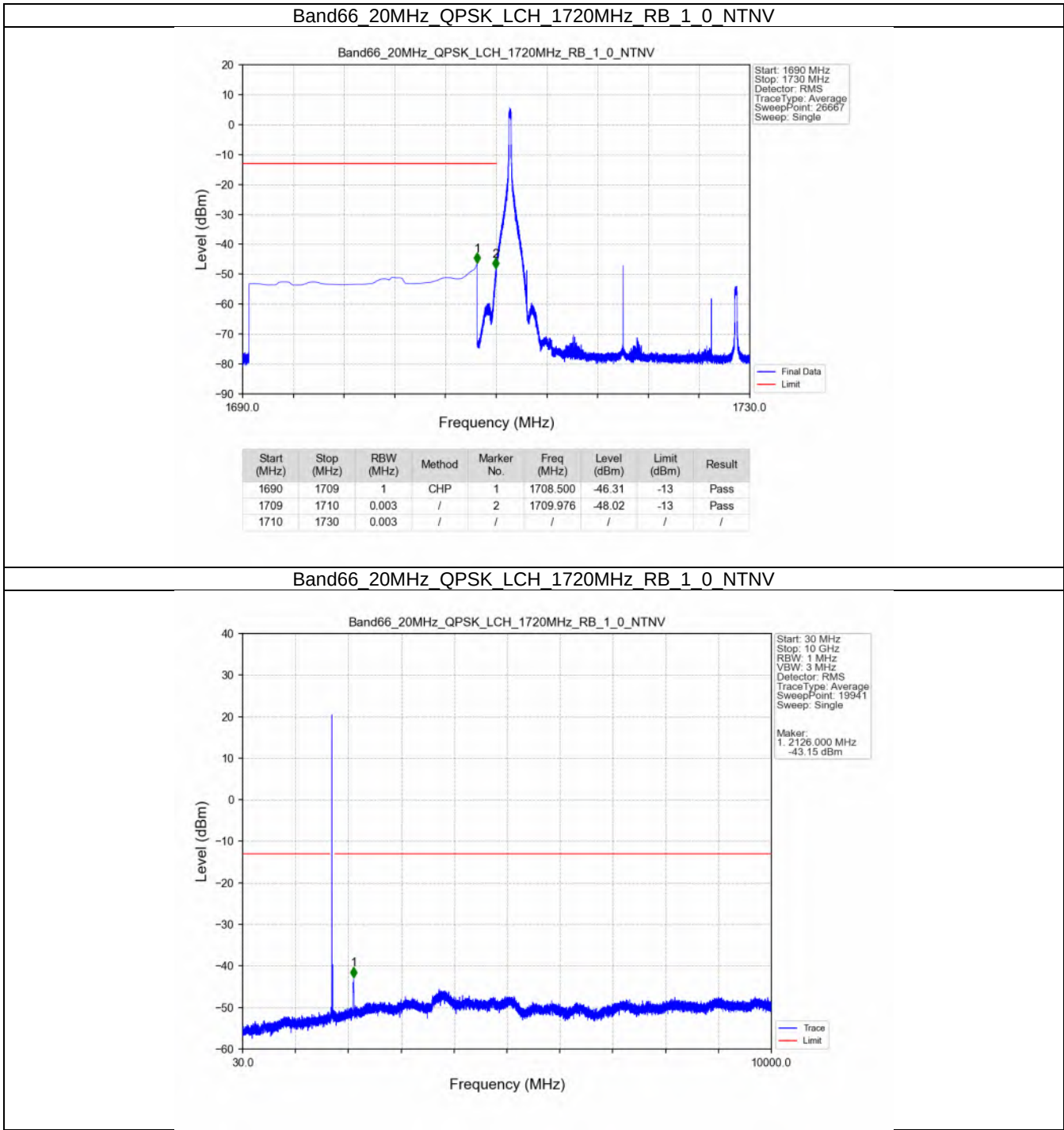
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1765        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.005   | -46.21      | -13         | Pass   |
| 1781        | 1795       | 1         | CHP    | 2          | 1781.500   | -46.58      | -13         | Pass   |

# Band66 15MHz QPSK HCH 1772.5MHz RB 75\_0 NTNV

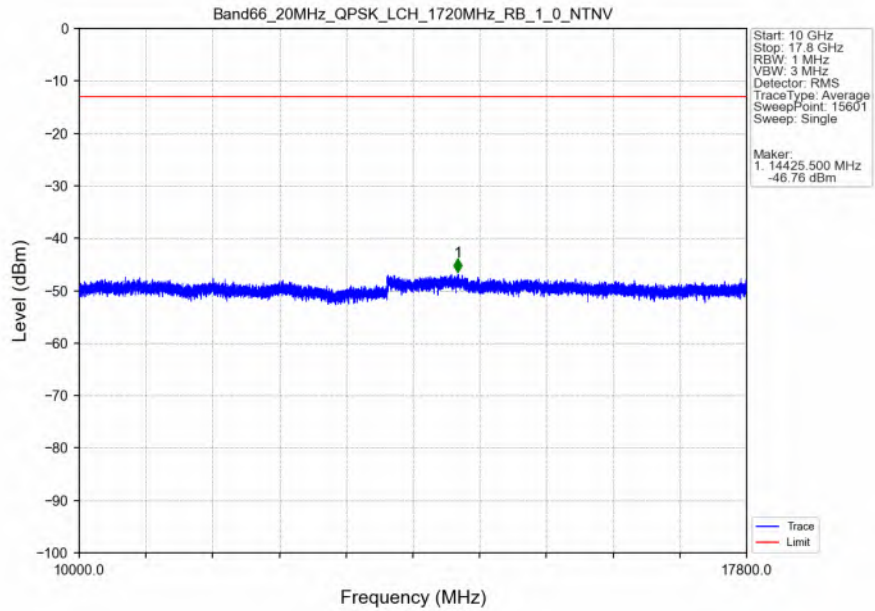


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1765        | 1780       | 0.152     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.152     | CHP    | 1          | 1780.330   | -37.18      | -13         | Pass   |
| 1781        | 1795       | 1         | CHP    | 2          | 1781.920   | -27.74      | -13         | Pass   |

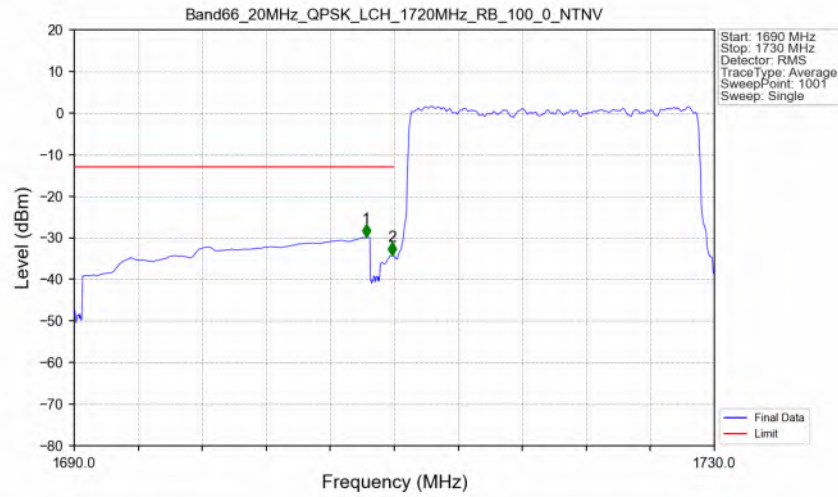
5.2.6 B66\_20MHz



# Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTNV

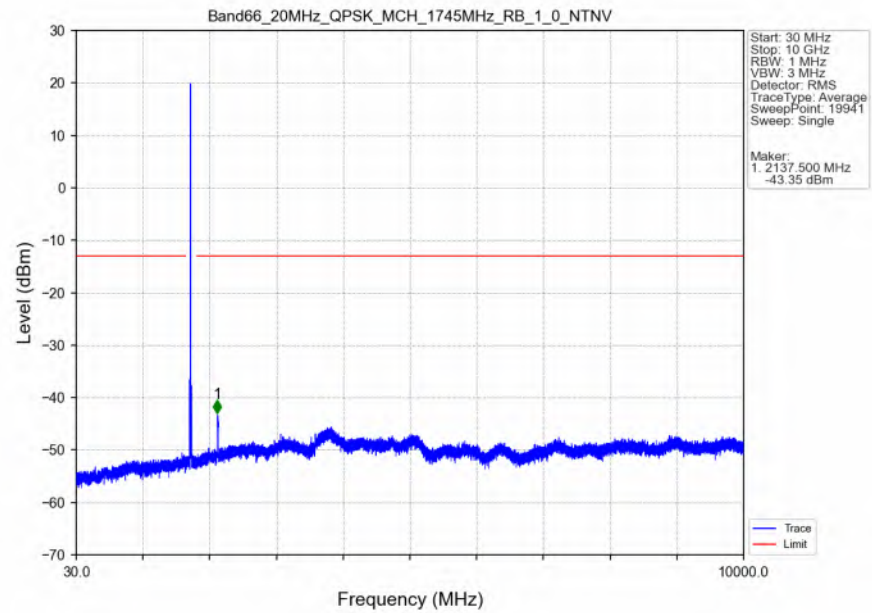


# Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV

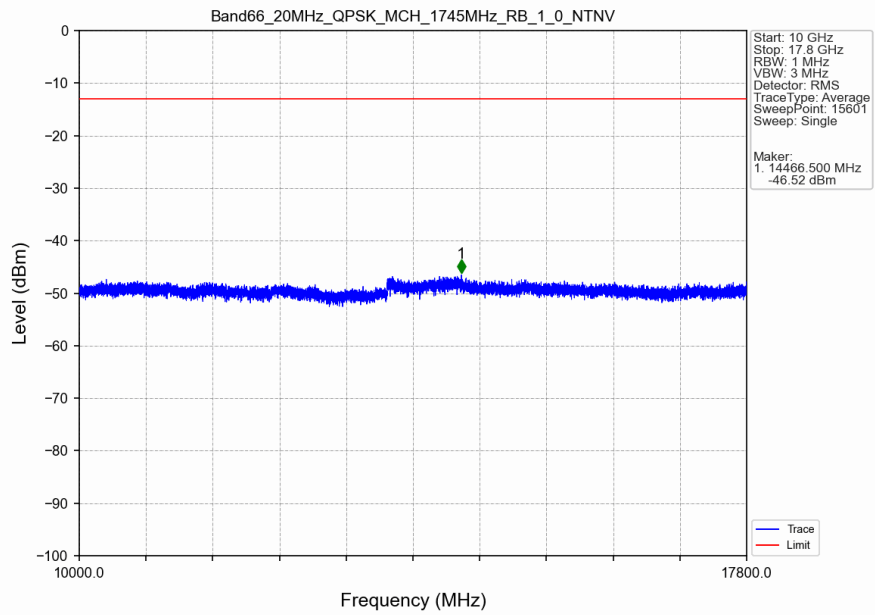


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1690        | 1709       | 1         | CHP    | 1          | 1708.240   | -29.90      | -13         | Pass   |
| 1709        | 1710       | 0.202     | CHP    | 2          | 1709.880   | -34.15      | -13         | Pass   |
| 1710        | 1730       | 0.202     | CHP    | /          | /          | /           | /           | /      |

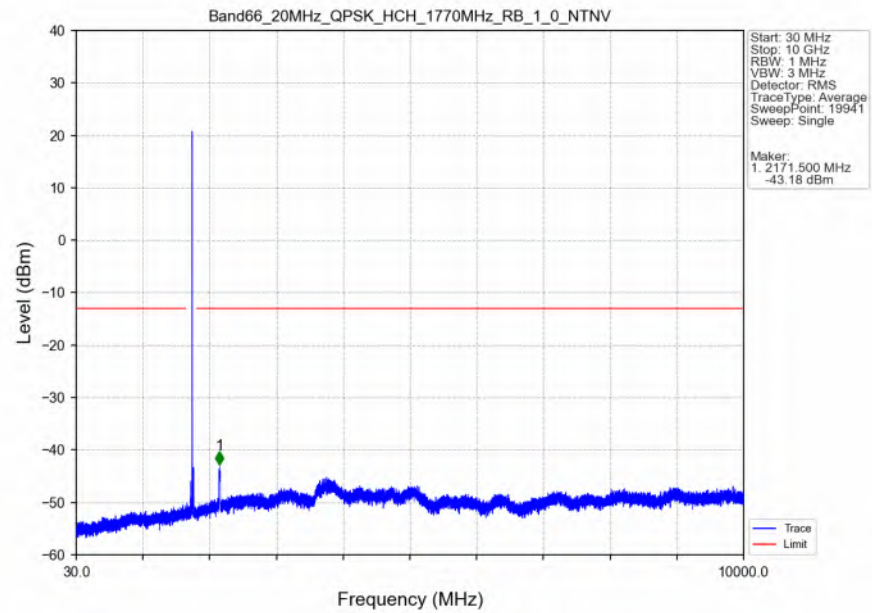
# Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTN



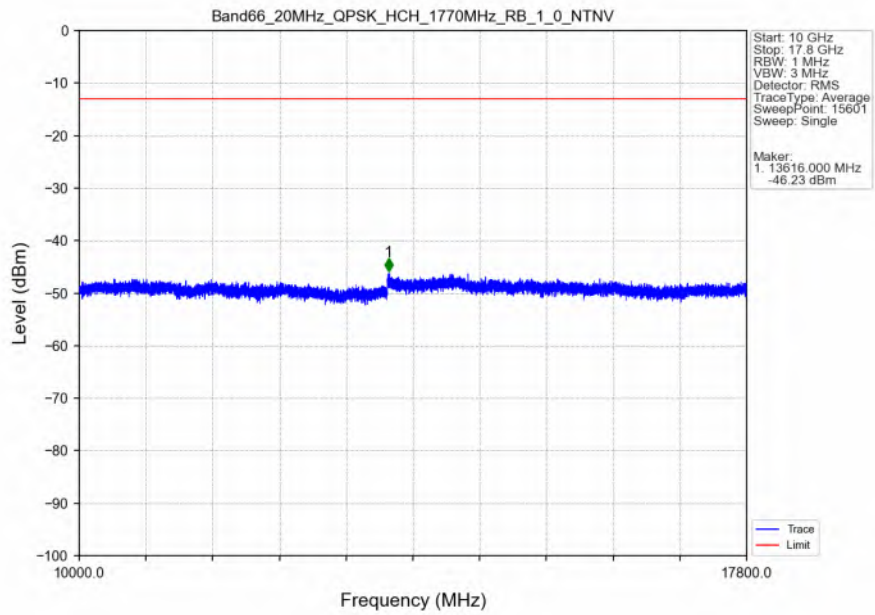
# Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTN



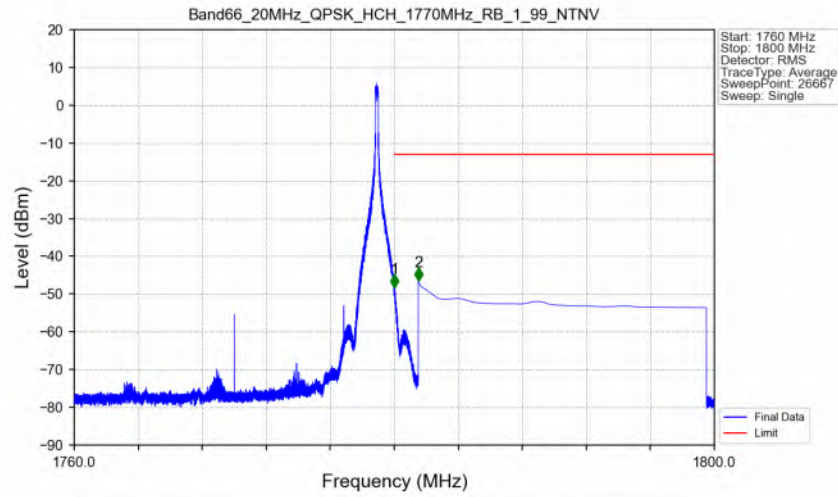
# Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN



# Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN

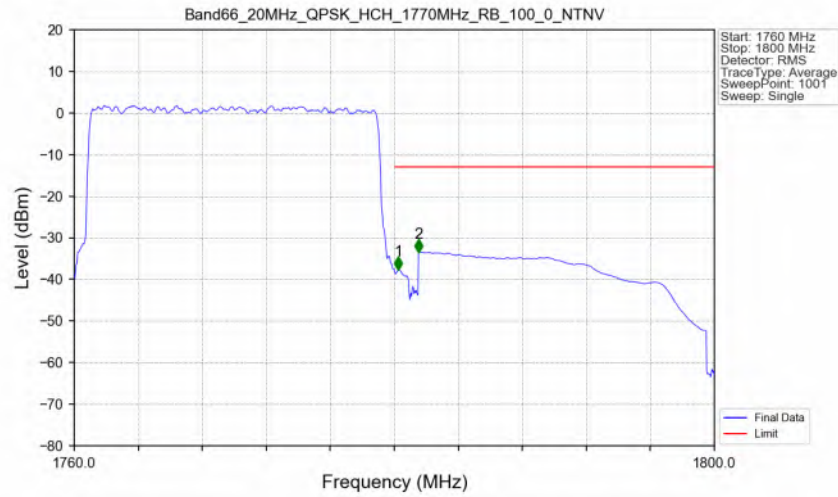


# Band66 20MHz QPSK HCH 1770MHz RB 1 99 NTV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1760        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.005   | -48.18      | -13         | Pass   |
| 1781        | 1800       | 1         | CHP    | 2          | 1781.500   | -46.51      | -13         | Pass   |

# Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1760        | 1780       | 0.202     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.202     | CHP    | 1          | 1780.240   | -37.72      | -13         | Pass   |
| 1781        | 1800       | 1         | CHP    | 2          | 1781.520   | -33.42      | -13         | Pass   |