

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B4\_1.4MHz\_EIRP

| Band: 4 / 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      | 23.73                 | -0.47      | 23.26      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.68                 | -0.47      | 23.21      | <=30  | Pass    |
|                                    |                 |               | 5      | 23.67                 | -0.47      | 23.20      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 23.70                 | -0.47      | 23.23      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.71                 | -0.47      | 23.24      | <=30  | Pass    |
|                                    |                 |               | 3      | 23.68                 | -0.47      | 23.21      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 22.66                 | -0.47      | 22.19      | <=30  | Pass    |
|                                    | 1732.5          | 1             | 0      | 23.79                 | -0.47      | 23.32      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.81                 | -0.47      | 23.34      | <=30  | Pass    |
|                                    |                 |               | 5      | 23.81                 | -0.47      | 23.34      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 23.87                 | -0.47      | 23.40      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.89                 | -0.47      | 23.42      | <=30  | Pass    |
|                                    |                 |               | 3      | 23.85                 | -0.47      | 23.38      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 22.81                 | -0.47      | 22.34      | <=30  | Pass    |
|                                    | 1754.3          | 1             | 0      | 23.66                 | -0.47      | 23.19      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.67                 | -0.47      | 23.20      | <=30  | Pass    |
|                                    |                 |               | 5      | 23.69                 | -0.47      | 23.22      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 23.69                 | -0.47      | 23.22      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.71                 | -0.47      | 23.24      | <=30  | Pass    |
|                                    |                 |               | 3      | 23.71                 | -0.47      | 23.24      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 22.66                 | -0.47      | 22.19      | <=30  | Pass    |
| 16QAM                              | 1710.7          | 1             | 0      | 22.77                 | -0.47      | 22.30      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.78                 | -0.47      | 22.31      | <=30  | Pass    |
|                                    |                 |               | 5      | 22.73                 | -0.47      | 22.26      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.75                 | -0.47      | 22.28      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.75                 | -0.47      | 22.28      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.78                 | -0.47      | 22.31      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 21.68                 | -0.47      | 21.21      | <=30  | Pass    |
|                                    | 1732.5          | 1             | 0      | 22.95                 | -0.47      | 22.48      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.96                 | -0.47      | 22.49      | <=30  | Pass    |
|                                    |                 |               | 5      | 22.96                 | -0.47      | 22.49      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.87                 | -0.47      | 22.40      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.93                 | -0.47      | 22.46      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.88                 | -0.47      | 22.41      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 21.85                 | -0.47      | 21.38      | <=30  | Pass    |
|                                    | 1754.3          | 1             | 0      | 22.75                 | -0.47      | 22.28      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.67                 | -0.47      | 22.20      | <=30  | Pass    |
|                                    |                 |               | 5      | 22.84                 | -0.47      | 22.37      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.79                 | -0.47      | 22.32      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.75                 | -0.47      | 22.28      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.77                 | -0.47      | 22.30      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 21.73                 | -0.47      | 21.26      | <=30  | Pass    |
| 64QAM                              | 1710.7          | 1             | 0      | 21.86                 | -0.47      | 21.39      | <=30  | Pass    |
|                                    |                 |               | 2      | 21.93                 | -0.47      | 21.46      | <=30  | Pass    |
|                                    |                 |               | 5      | 21.92                 | -0.47      | 21.45      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 21.78                 | -0.47      | 21.31      | <=30  | Pass    |
|                                    |                 |               | 2      | 21.77                 | -0.47      | 21.30      | <=30  | Pass    |
|                                    |                 |               | 3      | 21.74                 | -0.47      | 21.27      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 20.75                 | -0.47      | 20.28      | <=30  | Pass    |

|                                          |        |        |       |       |       |       |       |      |      |
|------------------------------------------|--------|--------|-------|-------|-------|-------|-------|------|------|
|                                          | 1732.5 | 1      | 0     | 22.08 | -0.47 | 21.61 | <=30  | Pass |      |
|                                          |        |        | 2     | 22.12 | -0.47 | 21.65 | <=30  | Pass |      |
|                                          |        |        | 5     | 22.17 | -0.47 | 21.70 | <=30  | Pass |      |
|                                          |        | 3      | 0     | 21.99 | -0.47 | 21.52 | <=30  | Pass |      |
|                                          |        |        | 2     | 21.95 | -0.47 | 21.48 | <=30  | Pass |      |
|                                          |        |        | 3     | 21.97 | -0.47 | 21.50 | <=30  | Pass |      |
|                                          |        | 6      | 0     | 20.91 | -0.47 | 20.44 | <=30  | Pass |      |
|                                          |        | 1754.3 | 1     | 0     | 21.89 | -0.47 | 21.42 | <=30 | Pass |
|                                          |        |        |       | 2     | 21.99 | -0.47 | 21.52 | <=30 | Pass |
|                                          | 5      |        |       | 21.91 | -0.47 | 21.44 | <=30  | Pass |      |
|                                          | 3      |        | 0     | 21.85 | -0.47 | 21.38 | <=30  | Pass |      |
|                                          |        |        | 2     | 21.79 | -0.47 | 21.32 | <=30  | Pass |      |
|                                          |        |        | 3     | 21.80 | -0.47 | 21.33 | <=30  | Pass |      |
|                                          | 6      |        | 0     | 20.69 | -0.47 | 20.22 | <=30  | Pass |      |
| 256QAM                                   | 1710.7 | 1      | 0     | 18.69 | -0.47 | 18.22 | <=30  | Pass |      |
|                                          |        |        | 2     | 18.78 | -0.47 | 18.31 | <=30  | Pass |      |
|                                          |        |        | 5     | 18.72 | -0.47 | 18.25 | <=30  | Pass |      |
|                                          |        | 3      | 0     | 18.73 | -0.47 | 18.26 | <=30  | Pass |      |
|                                          |        |        | 2     | 18.77 | -0.47 | 18.30 | <=30  | Pass |      |
|                                          |        |        | 3     | 18.77 | -0.47 | 18.30 | <=30  | Pass |      |
|                                          |        | 6      | 0     | 18.65 | -0.47 | 18.18 | <=30  | Pass |      |
|                                          | 1732.5 | 1      | 0     | 18.95 | -0.47 | 18.48 | <=30  | Pass |      |
|                                          |        |        | 2     | 19.04 | -0.47 | 18.57 | <=30  | Pass |      |
|                                          |        |        | 5     | 18.96 | -0.47 | 18.49 | <=30  | Pass |      |
|                                          |        | 3      | 0     | 18.97 | -0.47 | 18.50 | <=30  | Pass |      |
|                                          |        |        | 2     | 19.03 | -0.47 | 18.56 | <=30  | Pass |      |
|                                          |        |        | 3     | 18.93 | -0.47 | 18.46 | <=30  | Pass |      |
|                                          | 6      | 0      | 18.80 | -0.47 | 18.33 | <=30  | Pass  |      |      |
|                                          | 1754.3 | 1      | 0     | 18.80 | -0.47 | 18.33 | <=30  | Pass |      |
|                                          |        |        | 2     | 18.87 | -0.47 | 18.40 | <=30  | Pass |      |
|                                          |        |        | 5     | 18.80 | -0.47 | 18.33 | <=30  | Pass |      |
|                                          |        | 3      | 0     | 18.80 | -0.47 | 18.33 | <=30  | Pass |      |
|                                          |        |        | 2     | 18.83 | -0.47 | 18.36 | <=30  | Pass |      |
|                                          |        |        | 3     | 18.75 | -0.47 | 18.28 | <=30  | Pass |      |
|                                          |        | 6      | 0     | 18.78 | -0.47 | 18.31 | <=30  | Pass |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |       |       |       |       |       |      |      |

### 1.1.2 B4\_3MHz\_EIRP

| Band: 4 / 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      | 23.58                 | -0.47      | 23.11      | <=30  | Pass    |
|                                  |                 |               | 7      | 23.64                 | -0.47      | 23.17      | <=30  | Pass    |
|                                  |                 |               | 14     | 23.60                 | -0.47      | 23.13      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 22.69                 | -0.47      | 22.22      | <=30  | Pass    |
|                                  |                 |               | 4      | 22.76                 | -0.47      | 22.29      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.67                 | -0.47      | 22.20      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 22.73                 | -0.47      | 22.26      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 23.79                 | -0.47      | 23.32      | <=30  | Pass    |
|                                  |                 |               | 7      | 23.87                 | -0.47      | 23.40      | <=30  | Pass    |
|                                  |                 |               | 14     | 23.78                 | -0.47      | 23.31      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 22.89                 | -0.47      | 22.42      | <=30  | Pass    |
|                                  |                 |               | 4      | 22.88                 | -0.47      | 22.41      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.86                 | -0.47      | 22.39      | <=30  | Pass    |
|                                  | 1753.5          | 15            | 0      | 22.83                 | -0.47      | 22.36      | <=30  | Pass    |
|                                  | 1753.5          | 1             | 0      | 23.69                 | -0.47      | 23.22      | <=30  | Pass    |

|        |        |    |    |       |       |       |      |      |
|--------|--------|----|----|-------|-------|-------|------|------|
|        |        | 8  | 7  | 23.75 | -0.47 | 23.28 | <=30 | Pass |
|        |        |    | 14 | 23.69 | -0.47 | 23.22 | <=30 | Pass |
|        |        |    | 0  | 22.72 | -0.47 | 22.25 | <=30 | Pass |
|        |        |    | 4  | 22.78 | -0.47 | 22.31 | <=30 | Pass |
|        |        |    | 7  | 22.76 | -0.47 | 22.29 | <=30 | Pass |
|        |        | 15 | 0  | 22.73 | -0.47 | 22.26 | <=30 | Pass |
| 16QAM  | 1711.5 | 1  | 0  | 22.75 | -0.47 | 22.28 | <=30 | Pass |
|        |        |    | 7  | 22.91 | -0.47 | 22.44 | <=30 | Pass |
|        |        |    | 14 | 22.83 | -0.47 | 22.36 | <=30 | Pass |
|        |        | 8  | 0  | 21.73 | -0.47 | 21.26 | <=30 | Pass |
|        |        |    | 4  | 21.77 | -0.47 | 21.30 | <=30 | Pass |
|        |        |    | 7  | 21.73 | -0.47 | 21.26 | <=30 | Pass |
|        |        | 15 | 0  | 21.71 | -0.47 | 21.24 | <=30 | Pass |
|        | 1732.5 | 1  | 0  | 22.89 | -0.47 | 22.42 | <=30 | Pass |
|        |        |    | 7  | 22.98 | -0.47 | 22.51 | <=30 | Pass |
|        |        |    | 14 | 22.85 | -0.47 | 22.38 | <=30 | Pass |
|        |        | 8  | 0  | 21.87 | -0.47 | 21.40 | <=30 | Pass |
|        |        |    | 4  | 21.92 | -0.47 | 21.45 | <=30 | Pass |
|        |        |    | 7  | 21.92 | -0.47 | 21.45 | <=30 | Pass |
|        |        | 15 | 0  | 21.87 | -0.47 | 21.40 | <=30 | Pass |
|        | 1753.5 | 1  | 0  | 22.68 | -0.47 | 22.21 | <=30 | Pass |
|        |        |    | 7  | 22.87 | -0.47 | 22.40 | <=30 | Pass |
|        |        |    | 14 | 22.71 | -0.47 | 22.24 | <=30 | Pass |
|        |        | 8  | 0  | 21.75 | -0.47 | 21.28 | <=30 | Pass |
|        |        |    | 4  | 21.74 | -0.47 | 21.27 | <=30 | Pass |
|        |        |    | 7  | 21.75 | -0.47 | 21.28 | <=30 | Pass |
|        |        | 15 | 0  | 21.77 | -0.47 | 21.30 | <=30 | Pass |
| 64QAM  | 1711.5 | 1  | 0  | 21.84 | -0.47 | 21.37 | <=30 | Pass |
|        |        |    | 7  | 21.99 | -0.47 | 21.52 | <=30 | Pass |
|        |        |    | 14 | 21.84 | -0.47 | 21.37 | <=30 | Pass |
|        |        | 8  | 0  | 20.74 | -0.47 | 20.27 | <=30 | Pass |
|        |        |    | 4  | 20.82 | -0.47 | 20.35 | <=30 | Pass |
|        |        |    | 7  | 20.74 | -0.47 | 20.27 | <=30 | Pass |
|        |        | 15 | 0  | 20.76 | -0.47 | 20.29 | <=30 | Pass |
|        | 1732.5 | 1  | 0  | 22.00 | -0.47 | 21.53 | <=30 | Pass |
|        |        |    | 7  | 22.10 | -0.47 | 21.63 | <=30 | Pass |
|        |        |    | 14 | 22.05 | -0.47 | 21.58 | <=30 | Pass |
|        |        | 8  | 0  | 20.96 | -0.47 | 20.49 | <=30 | Pass |
|        |        |    | 4  | 20.95 | -0.47 | 20.48 | <=30 | Pass |
|        |        |    | 7  | 20.94 | -0.47 | 20.47 | <=30 | Pass |
|        |        | 15 | 0  | 20.92 | -0.47 | 20.45 | <=30 | Pass |
|        | 1753.5 | 1  | 0  | 21.86 | -0.47 | 21.39 | <=30 | Pass |
|        |        |    | 7  | 22.01 | -0.47 | 21.54 | <=30 | Pass |
|        |        |    | 14 | 21.93 | -0.47 | 21.46 | <=30 | Pass |
|        |        | 8  | 0  | 20.76 | -0.47 | 20.29 | <=30 | Pass |
|        |        |    | 4  | 20.86 | -0.47 | 20.39 | <=30 | Pass |
|        |        |    | 7  | 20.80 | -0.47 | 20.33 | <=30 | Pass |
|        |        | 15 | 0  | 20.76 | -0.47 | 20.29 | <=30 | Pass |
| 256QAM | 1711.5 | 1  | 0  | 18.83 | -0.47 | 18.36 | <=30 | Pass |
|        |        |    | 7  | 18.81 | -0.47 | 18.34 | <=30 | Pass |
|        |        |    | 14 | 18.75 | -0.47 | 18.28 | <=30 | Pass |
|        |        | 8  | 0  | 18.78 | -0.47 | 18.31 | <=30 | Pass |
|        |        |    | 4  | 18.77 | -0.47 | 18.30 | <=30 | Pass |
|        |        |    | 7  | 18.75 | -0.47 | 18.28 | <=30 | Pass |
|        |        | 15 | 0  | 18.76 | -0.47 | 18.29 | <=30 | Pass |
|        | 1732.5 | 1  | 0  | 18.90 | -0.47 | 18.43 | <=30 | Pass |
|        |        |    | 7  | 18.97 | -0.47 | 18.50 | <=30 | Pass |
|        |        |    | 14 | 18.91 | -0.47 | 18.44 | <=30 | Pass |
|        |        | 8  | 0  | 18.93 | -0.47 | 18.46 | <=30 | Pass |

|  |        |    |    |       |       |       |      |      |
|--|--------|----|----|-------|-------|-------|------|------|
|  |        | 15 | 4  | 19.05 | -0.47 | 18.58 | <=30 | Pass |
|  |        |    | 7  | 18.98 | -0.47 | 18.51 | <=30 | Pass |
|  |        |    | 0  | 18.94 | -0.47 | 18.47 | <=30 | Pass |
|  | 1753.5 | 1  | 0  | 18.75 | -0.47 | 18.28 | <=30 | Pass |
|  |        |    | 7  | 18.85 | -0.47 | 18.38 | <=30 | Pass |
|  |        |    | 14 | 18.79 | -0.47 | 18.32 | <=30 | Pass |
|  |        | 8  | 0  | 18.80 | -0.47 | 18.33 | <=30 | Pass |
|  |        |    | 4  | 18.82 | -0.47 | 18.35 | <=30 | Pass |
|  |        |    | 7  | 18.77 | -0.47 | 18.30 | <=30 | Pass |
|  |        | 15 | 0  | 18.79 | -0.47 | 18.32 | <=30 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.3 B4\_5MHz\_EIRP

| Band: 4 / 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      | 23.64                 | -0.47      | 23.17      | <=30  | Pass    |
|                                  |                 |               | 13     | 23.76                 | -0.47      | 23.29      | <=30  | Pass    |
|                                  |                 |               | 24     | 23.65                 | -0.47      | 23.18      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 22.72                 | -0.47      | 22.25      | <=30  | Pass    |
|                                  |                 |               | 6      | 22.76                 | -0.47      | 22.29      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.71                 | -0.47      | 22.24      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 22.71                 | -0.47      | 22.24      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 23.80                 | -0.47      | 23.33      | <=30  | Pass    |
|                                  |                 |               | 13     | 23.93                 | -0.47      | 23.46      | <=30  | Pass    |
|                                  |                 |               | 24     | 23.85                 | -0.47      | 23.38      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 22.79                 | -0.47      | 22.32      | <=30  | Pass    |
|                                  |                 |               | 6      | 22.93                 | -0.47      | 22.46      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.88                 | -0.47      | 22.41      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 22.87                 | -0.47      | 22.40      | <=30  | Pass    |
|                                  | 1752.5          | 1             | 0      | 23.67                 | -0.47      | 23.20      | <=30  | Pass    |
|                                  |                 |               | 13     | 23.74                 | -0.47      | 23.27      | <=30  | Pass    |
|                                  |                 |               | 24     | 23.67                 | -0.47      | 23.20      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 22.68                 | -0.47      | 22.21      | <=30  | Pass    |
|                                  |                 |               | 6      | 22.73                 | -0.47      | 22.26      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.69                 | -0.47      | 22.22      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 22.70                 | -0.47      | 22.23      | <=30  | Pass    |
| 16QAM                            | 1712.5          | 1             | 0      | 22.70                 | -0.47      | 22.23      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.79                 | -0.47      | 22.32      | <=30  | Pass    |
|                                  |                 |               | 24     | 22.77                 | -0.47      | 22.30      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 21.77                 | -0.47      | 21.30      | <=30  | Pass    |
|                                  |                 |               | 6      | 21.74                 | -0.47      | 21.27      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.75                 | -0.47      | 21.28      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 21.74                 | -0.47      | 21.27      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 22.84                 | -0.47      | 22.37      | <=30  | Pass    |
|                                  |                 |               | 13     | 23.03                 | -0.47      | 22.56      | <=30  | Pass    |
|                                  |                 |               | 24     | 23.04                 | -0.47      | 22.57      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 21.83                 | -0.47      | 21.36      | <=30  | Pass    |
|                                  |                 |               | 6      | 21.95                 | -0.47      | 21.48      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.93                 | -0.47      | 21.46      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 21.93                 | -0.47      | 21.46      | <=30  | Pass    |
|                                  | 1752.5          | 1             | 0      | 22.94                 | -0.47      | 22.47      | <=30  | Pass    |
|                                  |                 |               | 13     | 23.04                 | -0.47      | 22.57      | <=30  | Pass    |
|                                  |                 |               | 24     | 22.82                 | -0.47      | 22.35      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 21.77                 | -0.47      | 21.30      | <=30  | Pass    |
|                                  |                 |               | 6      | 21.74                 | -0.47      | 21.27      | <=30  | Pass    |

|                                          |        |        |        |       |       |       |       |       |      |
|------------------------------------------|--------|--------|--------|-------|-------|-------|-------|-------|------|
|                                          |        |        | 13     | 21.76 | -0.47 | 21.29 | <=30  | Pass  |      |
|                                          |        | 25     | 0      | 21.75 | -0.47 | 21.28 | <=30  | Pass  |      |
| 64QAM                                    | 1712.5 | 1      | 0      | 21.97 | -0.47 | 21.50 | <=30  | Pass  |      |
|                                          |        |        | 13     | 21.99 | -0.47 | 21.52 | <=30  | Pass  |      |
|                                          |        |        | 24     | 21.92 | -0.47 | 21.45 | <=30  | Pass  |      |
|                                          |        |        | 0      | 20.67 | -0.47 | 20.20 | <=30  | Pass  |      |
|                                          |        | 12     | 6      | 20.72 | -0.47 | 20.25 | <=30  | Pass  |      |
|                                          |        |        | 13     | 20.77 | -0.47 | 20.30 | <=30  | Pass  |      |
|                                          |        |        | 25     | 0     | 20.71 | -0.47 | 20.24 | <=30  | Pass |
|                                          |        | 1732.5 | 1      | 0     | 22.04 | -0.47 | 21.57 | <=30  | Pass |
|                                          |        |        |        | 13    | 22.19 | -0.47 | 21.72 | <=30  | Pass |
|                                          | 24     |        |        | 22.14 | -0.47 | 21.67 | <=30  | Pass  |      |
|                                          | 0      |        |        | 20.73 | -0.47 | 20.26 | <=30  | Pass  |      |
|                                          | 12     |        | 6      | 20.92 | -0.47 | 20.45 | <=30  | Pass  |      |
|                                          |        |        | 13     | 20.83 | -0.47 | 20.36 | <=30  | Pass  |      |
|                                          | 25     |        | 0      | 20.91 | -0.47 | 20.44 | <=30  | Pass  |      |
|                                          | 1752.5 | 1      | 0      | 21.90 | -0.47 | 21.43 | <=30  | Pass  |      |
|                                          |        |        | 13     | 22.05 | -0.47 | 21.58 | <=30  | Pass  |      |
|                                          |        |        | 24     | 22.02 | -0.47 | 21.55 | <=30  | Pass  |      |
|                                          |        |        | 0      | 20.74 | -0.47 | 20.27 | <=30  | Pass  |      |
|                                          |        | 12     | 6      | 20.89 | -0.47 | 20.42 | <=30  | Pass  |      |
|                                          |        |        | 13     | 20.75 | -0.47 | 20.28 | <=30  | Pass  |      |
|                                          |        |        | 25     | 0     | 20.72 | -0.47 | 20.25 | <=30  | Pass |
|                                          |        | 256QAM | 1712.5 | 1     | 0     | 18.84 | -0.47 | 18.37 | <=30 |
|                                          | 13     |        |        |       | 18.90 | -0.47 | 18.43 | <=30  | Pass |
| 24                                       | 18.84  |        |        |       | -0.47 | 18.37 | <=30  | Pass  |      |
| 12                                       | 0      |        |        | 18.77 | -0.47 | 18.30 | <=30  | Pass  |      |
|                                          | 6      |        |        | 18.80 | -0.47 | 18.33 | <=30  | Pass  |      |
|                                          | 13     |        |        | 18.76 | -0.47 | 18.29 | <=30  | Pass  |      |
| 25                                       | 0      |        |        | 18.73 | -0.47 | 18.26 | <=30  | Pass  |      |
| 1732.5                                   | 1      |        | 0      | 18.89 | -0.47 | 18.42 | <=30  | Pass  |      |
|                                          |        |        | 13     | 19.08 | -0.47 | 18.61 | <=30  | Pass  |      |
|                                          |        |        | 24     | 18.95 | -0.47 | 18.48 | <=30  | Pass  |      |
|                                          | 12     |        | 0      | 18.89 | -0.47 | 18.42 | <=30  | Pass  |      |
|                                          |        |        | 6      | 18.99 | -0.47 | 18.52 | <=30  | Pass  |      |
|                                          |        |        | 13     | 18.93 | -0.47 | 18.46 | <=30  | Pass  |      |
| 25                                       | 0      |        | 18.89  | -0.47 | 18.42 | <=30  | Pass  |       |      |
| 1752.5                                   | 1      |        | 0      | 18.84 | -0.47 | 18.37 | <=30  | Pass  |      |
|                                          |        |        | 13     | 18.97 | -0.47 | 18.50 | <=30  | Pass  |      |
|                                          |        |        | 24     | 18.77 | -0.47 | 18.30 | <=30  | Pass  |      |
|                                          | 12     |        | 0      | 18.76 | -0.47 | 18.29 | <=30  | Pass  |      |
|                                          |        |        | 6      | 18.83 | -0.47 | 18.36 | <=30  | Pass  |      |
|                                          |        |        | 13     | 18.76 | -0.47 | 18.29 | <=30  | Pass  |      |
|                                          | 25     |        | 0      | 18.75 | -0.47 | 18.28 | <=30  | Pass  |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |        |       |       |       |       |       |      |

#### 1.1.4 B4\_10MHz\_EIRP

| Band: 4 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1715            | 1             | 0      | 23.61                 | -0.47      | 23.14      | <=30  | Pass    |
|                                   |                 |               | 25     | 23.65                 | -0.47      | 23.18      | <=30  | Pass    |
|                                   |                 |               | 49     | 23.59                 | -0.47      | 23.12      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 22.67                 | -0.47      | 22.20      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.72                 | -0.47      | 22.25      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.69                 | -0.47      | 22.22      | <=30  | Pass    |

|        |        |       |       |       |       |       |       |       |      |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|------|
|        |        | 50    | 0     | 22.68 | -0.47 | 22.21 | <=30  | Pass  |      |
|        | 1732.5 | 1     | 0     | 23.73 | -0.47 | 23.26 | <=30  | Pass  |      |
|        |        |       | 25    | 23.85 | -0.47 | 23.38 | <=30  | Pass  |      |
|        |        |       | 49    | 23.78 | -0.47 | 23.31 | <=30  | Pass  |      |
|        |        |       | 0     | 22.78 | -0.47 | 22.31 | <=30  | Pass  |      |
|        |        | 25    | 13    | 22.86 | -0.47 | 22.39 | <=30  | Pass  |      |
|        |        |       | 25    | 22.83 | -0.47 | 22.36 | <=30  | Pass  |      |
|        | 50     | 0     | 22.87 | -0.47 | 22.40 | <=30  | Pass  |       |      |
|        | 1750   | 1     | 0     | 23.62 | -0.47 | 23.15 | <=30  | Pass  |      |
|        |        |       | 25    | 23.65 | -0.47 | 23.18 | <=30  | Pass  |      |
|        |        |       | 49    | 23.62 | -0.47 | 23.15 | <=30  | Pass  |      |
|        |        |       | 0     | 22.62 | -0.47 | 22.15 | <=30  | Pass  |      |
|        |        | 25    | 13    | 22.64 | -0.47 | 22.17 | <=30  | Pass  |      |
|        |        |       | 25    | 22.69 | -0.47 | 22.22 | <=30  | Pass  |      |
|        |        |       | 50    | 0     | 22.62 | -0.47 | 22.15 | <=30  | Pass |
|        |        | 16QAM | 1715  | 1     | 0     | 22.76 | -0.47 | 22.29 | <=30 |
| 25     | 22.88  |       |       |       | -0.47 | 22.41 | <=30  | Pass  |      |
| 49     | 22.79  |       |       |       | -0.47 | 22.32 | <=30  | Pass  |      |
| 25     | 0      |       |       | 21.73 | -0.47 | 21.26 | <=30  | Pass  |      |
|        | 13     |       |       | 21.72 | -0.47 | 21.25 | <=30  | Pass  |      |
|        | 25     |       |       | 21.67 | -0.47 | 21.20 | <=30  | Pass  |      |
| 50     | 0      |       |       | 21.68 | -0.47 | 21.21 | <=30  | Pass  |      |
| 1732.5 | 1      |       |       | 0     | 22.81 | -0.47 | 22.34 | <=30  | Pass |
|        |        |       | 25    | 22.91 | -0.47 | 22.44 | <=30  | Pass  |      |
|        |        |       | 49    | 22.96 | -0.47 | 22.49 | <=30  | Pass  |      |
|        | 25     |       | 0     | 21.80 | -0.47 | 21.33 | <=30  | Pass  |      |
|        |        |       | 13    | 21.88 | -0.47 | 21.41 | <=30  | Pass  |      |
|        |        |       | 25    | 21.89 | -0.47 | 21.42 | <=30  | Pass  |      |
|        | 50     |       | 0     | 21.88 | -0.47 | 21.41 | <=30  | Pass  |      |
| 1750   | 1      |       | 0     | 22.80 | -0.47 | 22.33 | <=30  | Pass  |      |
|        |        |       | 25    | 22.82 | -0.47 | 22.35 | <=30  | Pass  |      |
|        |        |       | 49    | 22.84 | -0.47 | 22.37 | <=30  | Pass  |      |
|        | 25     |       | 0     | 21.69 | -0.47 | 21.22 | <=30  | Pass  |      |
|        |        |       | 13    | 21.67 | -0.47 | 21.20 | <=30  | Pass  |      |
|        |        |       | 25    | 21.74 | -0.47 | 21.27 | <=30  | Pass  |      |
|        | 50     |       | 0     | 21.64 | -0.47 | 21.17 | <=30  | Pass  |      |
|        | 64QAM  |       | 1715  | 1     | 0     | 21.86 | -0.47 | 21.39 | <=30 |
| 25     |        |       |       |       | 21.89 | -0.47 | 21.42 | <=30  | Pass |
| 49     |        |       |       |       | 21.89 | -0.47 | 21.42 | <=30  | Pass |
| 25     |        | 0     |       | 20.71 | -0.47 | 20.24 | <=30  | Pass  |      |
|        |        | 13    |       | 20.74 | -0.47 | 20.27 | <=30  | Pass  |      |
|        |        | 25    |       | 20.72 | -0.47 | 20.25 | <=30  | Pass  |      |
| 50     |        | 0     |       | 20.70 | -0.47 | 20.23 | <=30  | Pass  |      |
| 1732.5 |        | 1     | 0     | 21.99 | -0.47 | 21.52 | <=30  | Pass  |      |
|        |        |       | 25    | 22.02 | -0.47 | 21.55 | <=30  | Pass  |      |
|        |        |       | 49    | 22.05 | -0.47 | 21.58 | <=30  | Pass  |      |
|        |        | 25    | 0     | 20.79 | -0.47 | 20.32 | <=30  | Pass  |      |
|        |        |       | 13    | 20.93 | -0.47 | 20.46 | <=30  | Pass  |      |
|        |        |       | 25    | 20.89 | -0.47 | 20.42 | <=30  | Pass  |      |
| 50     |        | 0     | 20.88 | -0.47 | 20.41 | <=30  | Pass  |       |      |
| 1750   |        | 1     | 0     | 21.91 | -0.47 | 21.44 | <=30  | Pass  |      |
|        |        |       | 25    | 21.95 | -0.47 | 21.48 | <=30  | Pass  |      |
|        |        |       | 49    | 21.93 | -0.47 | 21.46 | <=30  | Pass  |      |
|        |        | 25    | 0     | 20.68 | -0.47 | 20.21 | <=30  | Pass  |      |
|        |        |       | 13    | 20.70 | -0.47 | 20.23 | <=30  | Pass  |      |
|        |        |       | 25    | 20.72 | -0.47 | 20.25 | <=30  | Pass  |      |
|        | 50     | 0     | 20.64 | -0.47 | 20.17 | <=30  | Pass  |       |      |
| 256QAM | 1715   | 1     | 0     | 18.83 | -0.47 | 18.36 | <=30  | Pass  |      |
|        |        |       | 25    | 18.83 | -0.47 | 18.36 | <=30  | Pass  |      |

|  |                                          |    |    |       |       |       |       |      |
|--|------------------------------------------|----|----|-------|-------|-------|-------|------|
|  |                                          |    | 49 | 18.75 | -0.47 | 18.28 | <=30  | Pass |
|  |                                          | 25 | 0  | 18.72 | -0.47 | 18.25 | <=30  | Pass |
|  |                                          |    | 13 | 18.79 | -0.47 | 18.32 | <=30  | Pass |
|  |                                          |    | 25 | 18.73 | -0.47 | 18.26 | <=30  | Pass |
|  |                                          |    | 50 | 0     | 18.74 | -0.47 | 18.27 | <=30 |
|  | 1732.5                                   | 1  | 0  | 18.78 | -0.47 | 18.31 | <=30  | Pass |
|  |                                          |    | 25 | 18.92 | -0.47 | 18.45 | <=30  | Pass |
|  |                                          |    | 49 | 18.89 | -0.47 | 18.42 | <=30  | Pass |
|  |                                          | 25 | 0  | 18.83 | -0.47 | 18.36 | <=30  | Pass |
|  |                                          |    | 13 | 18.91 | -0.47 | 18.44 | <=30  | Pass |
|  |                                          |    | 25 | 18.88 | -0.47 | 18.41 | <=30  | Pass |
|  |                                          | 50 | 0  | 18.94 | -0.47 | 18.47 | <=30  | Pass |
|  | 1750                                     | 1  | 0  | 18.66 | -0.47 | 18.19 | <=30  | Pass |
|  |                                          |    | 25 | 18.87 | -0.47 | 18.40 | <=30  | Pass |
|  |                                          |    | 49 | 18.72 | -0.47 | 18.25 | <=30  | Pass |
|  |                                          | 25 | 0  | 18.70 | -0.47 | 18.23 | <=30  | Pass |
|  |                                          |    | 13 | 18.70 | -0.47 | 18.23 | <=30  | Pass |
|  |                                          |    | 25 | 18.79 | -0.47 | 18.32 | <=30  | Pass |
|  |                                          | 50 | 0  | 18.72 | -0.47 | 18.25 | <=30  | Pass |
|  | Note1: EIRP=Conducted Power+Antenna Gain |    |    |       |       |       |       |      |

### 1.1.5 B4\_15MHz\_EIRP

| Band: 4 / Bandwidth: 15MHz / NTNv |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1717.5          | 1             | 0      | 23.41                 | -0.47      | 22.94      | <=30  | Pass    |
|                                   |                 |               | 38     | 23.39                 | -0.47      | 22.92      | <=30  | Pass    |
|                                   |                 |               | 74     | 23.46                 | -0.47      | 22.99      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 22.53                 | -0.47      | 22.06      | <=30  | Pass    |
|                                   |                 |               | 18     | 22.49                 | -0.47      | 22.02      | <=30  | Pass    |
|                                   |                 |               | 39     | 22.53                 | -0.47      | 22.06      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 22.54                 | -0.47      | 22.07      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 23.51                 | -0.47      | 23.04      | <=30  | Pass    |
|                                   |                 |               | 38     | 23.59                 | -0.47      | 23.12      | <=30  | Pass    |
|                                   |                 |               | 74     | 23.57                 | -0.47      | 23.10      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 22.59                 | -0.47      | 22.12      | <=30  | Pass    |
|                                   |                 |               | 18     | 22.59                 | -0.47      | 22.12      | <=30  | Pass    |
|                                   |                 |               | 39     | 22.66                 | -0.47      | 22.19      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 22.67                 | -0.47      | 22.20      | <=30  | Pass    |
|                                   | 1747.5          | 1             | 0      | 23.49                 | -0.47      | 23.02      | <=30  | Pass    |
|                                   |                 |               | 38     | 23.46                 | -0.47      | 22.99      | <=30  | Pass    |
|                                   |                 |               | 74     | 23.49                 | -0.47      | 23.02      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 22.53                 | -0.47      | 22.06      | <=30  | Pass    |
|                                   |                 |               | 18     | 22.58                 | -0.47      | 22.11      | <=30  | Pass    |
|                                   |                 |               | 39     | 22.57                 | -0.47      | 22.10      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 22.52                 | -0.47      | 22.05      | <=30  | Pass    |
| 16QAM                             | 1717.5          | 1             | 0      | 22.49                 | -0.47      | 22.02      | <=30  | Pass    |
|                                   |                 |               | 38     | 22.51                 | -0.47      | 22.04      | <=30  | Pass    |
|                                   |                 |               | 74     | 22.70                 | -0.47      | 22.23      | <=30  | Pass    |
|                                   |                 | 36            | 0      | 21.50                 | -0.47      | 21.03      | <=30  | Pass    |
|                                   |                 |               | 18     | 21.48                 | -0.47      | 21.01      | <=30  | Pass    |
|                                   |                 |               | 39     | 21.51                 | -0.47      | 21.04      | <=30  | Pass    |
|                                   |                 | 75            | 0      | 21.54                 | -0.47      | 21.07      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 22.69                 | -0.47      | 22.22      | <=30  | Pass    |
|                                   |                 |               | 38     | 22.74                 | -0.47      | 22.27      | <=30  | Pass    |
|                                   |                 |               | 74     | 22.55                 | -0.47      | 22.08      | <=30  | Pass    |

|                                          |        |    |    |       |       |       |      |      |
|------------------------------------------|--------|----|----|-------|-------|-------|------|------|
|                                          |        | 36 | 0  | 21.59 | -0.47 | 21.12 | <=30 | Pass |
|                                          |        |    | 18 | 21.58 | -0.47 | 21.11 | <=30 | Pass |
|                                          |        |    | 39 | 21.68 | -0.47 | 21.21 | <=30 | Pass |
|                                          |        | 75 | 0  | 21.67 | -0.47 | 21.20 | <=30 | Pass |
|                                          | 1747.5 | 1  | 0  | 22.65 | -0.47 | 22.18 | <=30 | Pass |
|                                          |        |    | 38 | 22.62 | -0.47 | 22.15 | <=30 | Pass |
|                                          |        |    | 74 | 22.59 | -0.47 | 22.12 | <=30 | Pass |
|                                          |        | 36 | 0  | 21.53 | -0.47 | 21.06 | <=30 | Pass |
|                                          |        |    | 18 | 21.54 | -0.47 | 21.07 | <=30 | Pass |
|                                          |        |    | 39 | 21.57 | -0.47 | 21.10 | <=30 | Pass |
|                                          |        | 75 | 0  | 21.49 | -0.47 | 21.02 | <=30 | Pass |
| 64QAM                                    | 1717.5 | 1  | 0  | 21.61 | -0.47 | 21.14 | <=30 | Pass |
|                                          |        |    | 38 | 21.58 | -0.47 | 21.11 | <=30 | Pass |
|                                          |        |    | 74 | 21.65 | -0.47 | 21.18 | <=30 | Pass |
|                                          |        | 36 | 0  | 20.53 | -0.47 | 20.06 | <=30 | Pass |
|                                          |        |    | 18 | 20.49 | -0.47 | 20.02 | <=30 | Pass |
|                                          |        |    | 39 | 20.54 | -0.47 | 20.07 | <=30 | Pass |
|                                          |        | 75 | 0  | 20.52 | -0.47 | 20.05 | <=30 | Pass |
|                                          | 1732.5 | 1  | 0  | 21.66 | -0.47 | 21.19 | <=30 | Pass |
|                                          |        |    | 38 | 21.82 | -0.47 | 21.35 | <=30 | Pass |
|                                          |        |    | 74 | 21.80 | -0.47 | 21.33 | <=30 | Pass |
|                                          |        | 36 | 0  | 20.59 | -0.47 | 20.12 | <=30 | Pass |
|                                          |        |    | 18 | 20.60 | -0.47 | 20.13 | <=30 | Pass |
|                                          |        |    | 39 | 20.67 | -0.47 | 20.20 | <=30 | Pass |
|                                          |        | 75 | 0  | 20.67 | -0.47 | 20.20 | <=30 | Pass |
|                                          | 1747.5 | 1  | 0  | 21.95 | -0.47 | 21.48 | <=30 | Pass |
|                                          |        |    | 38 | 21.85 | -0.47 | 21.38 | <=30 | Pass |
|                                          |        |    | 74 | 21.85 | -0.47 | 21.38 | <=30 | Pass |
|                                          |        | 36 | 0  | 20.54 | -0.47 | 20.07 | <=30 | Pass |
|                                          |        |    | 18 | 20.57 | -0.47 | 20.10 | <=30 | Pass |
|                                          |        |    | 39 | 20.54 | -0.47 | 20.07 | <=30 | Pass |
|                                          |        | 75 | 0  | 20.51 | -0.47 | 20.04 | <=30 | Pass |
| 256QAM                                   | 1717.5 | 1  | 0  | 18.53 | -0.47 | 18.06 | <=30 | Pass |
|                                          |        |    | 38 | 18.54 | -0.47 | 18.07 | <=30 | Pass |
|                                          |        |    | 74 | 18.61 | -0.47 | 18.14 | <=30 | Pass |
|                                          |        | 36 | 0  | 18.59 | -0.47 | 18.12 | <=30 | Pass |
|                                          |        |    | 18 | 18.54 | -0.47 | 18.07 | <=30 | Pass |
|                                          |        |    | 39 | 18.54 | -0.47 | 18.07 | <=30 | Pass |
|                                          |        | 75 | 0  | 18.55 | -0.47 | 18.08 | <=30 | Pass |
|                                          | 1732.5 | 1  | 0  | 18.52 | -0.47 | 18.05 | <=30 | Pass |
|                                          |        |    | 38 | 18.67 | -0.47 | 18.20 | <=30 | Pass |
|                                          |        |    | 74 | 18.70 | -0.47 | 18.23 | <=30 | Pass |
|                                          |        | 36 | 0  | 18.60 | -0.47 | 18.13 | <=30 | Pass |
|                                          |        |    | 18 | 18.66 | -0.47 | 18.19 | <=30 | Pass |
|                                          |        |    | 39 | 18.73 | -0.47 | 18.26 | <=30 | Pass |
|                                          |        | 75 | 0  | 18.73 | -0.47 | 18.26 | <=30 | Pass |
|                                          | 1747.5 | 1  | 0  | 18.63 | -0.47 | 18.16 | <=30 | Pass |
|                                          |        |    | 38 | 18.59 | -0.47 | 18.12 | <=30 | Pass |
|                                          |        |    | 74 | 18.67 | -0.47 | 18.20 | <=30 | Pass |
|                                          |        | 36 | 0  | 18.58 | -0.47 | 18.11 | <=30 | Pass |
|                                          |        |    | 18 | 18.58 | -0.47 | 18.11 | <=30 | Pass |
|                                          |        |    | 39 | 18.59 | -0.47 | 18.12 | <=30 | Pass |
|                                          |        | 75 | 0  | 18.52 | -0.47 | 18.05 | <=30 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |        |    |    |       |       |       |      |      |

### 1.1.6 B4\_20MHz\_EIRP

| Band: 4 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1720            | 1             | 0      | 23.47                 | -0.47      | 23.00      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.47                 | -0.47      | 23.00      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.62                 | -0.47      | 23.15      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 22.42                 | -0.47      | 21.95      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.54                 | -0.47      | 22.07      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.57                 | -0.47      | 22.10      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 22.51                 | -0.47      | 22.04      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 23.45                 | -0.47      | 22.98      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.56                 | -0.47      | 23.09      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.67                 | -0.47      | 23.20      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 22.46                 | -0.47      | 21.99      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.36                 | -0.47      | 21.89      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.64                 | -0.47      | 22.17      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 22.59                 | -0.47      | 22.12      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 23.60                 | -0.47      | 23.13      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.54                 | -0.47      | 23.07      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.34                 | -0.47      | 22.87      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 22.62                 | -0.47      | 22.15      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.67                 | -0.47      | 22.20      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.54                 | -0.47      | 22.07      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 22.62                 | -0.47      | 22.15      | <=30  | Pass    |
| 16QAM                             | 1720            | 1             | 0      | 21.86                 | -0.47      | 21.39      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.74                 | -0.47      | 21.27      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.61                 | -0.47      | 22.14      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 19.44                 | -0.47      | 18.97      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.21                 | -0.47      | 21.74      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.16                 | -0.47      | 22.69      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.91                 | -0.47      | 21.44      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 22.57                 | -0.47      | 22.10      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.63                 | -0.47      | 22.16      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.63                 | -0.47      | 22.16      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.49                 | -0.47      | 21.02      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.66                 | -0.47      | 21.19      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.70                 | -0.47      | 21.23      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.62                 | -0.47      | 21.15      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 22.83                 | -0.47      | 22.36      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.08                 | -0.47      | 22.61      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.56                 | -0.47      | 22.09      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.63                 | -0.47      | 21.16      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.66                 | -0.47      | 21.19      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.54                 | -0.47      | 21.07      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.61                 | -0.47      | 21.14      | <=30  | Pass    |
| 64QAM                             | 1720            | 1             | 0      | 19.43                 | -0.47      | 18.96      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.85                 | -0.47      | 22.38      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.13                 | -0.47      | 21.66      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 19.19                 | -0.47      | 18.72      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.24                 | -0.47      | 20.77      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.22                 | -0.47      | 21.75      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 20.96                 | -0.47      | 20.49      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 21.69                 | -0.47      | 21.22      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.78                 | -0.47      | 21.31      | <=30  | Pass    |
|                                   |                 |               | 99     | 21.95                 | -0.47      | 21.48      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 20.57                 | -0.47      | 20.10      | <=30  | Pass    |
|                                   |                 |               | 25     | 20.66                 | -0.47      | 20.19      | <=30  | Pass    |
|                                   |                 |               | 50     | 20.70                 | -0.47      | 20.23      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 20.68                 | -0.47      | 20.21      | <=30  | Pass    |

|                                          |       |        |      |       |       |       |       |       |      |      |
|------------------------------------------|-------|--------|------|-------|-------|-------|-------|-------|------|------|
|                                          | 1745  | 1      | 0    | 21.75 | -0.47 | 21.28 | <=30  | Pass  |      |      |
|                                          |       |        | 50   | 21.89 | -0.47 | 21.42 | <=30  | Pass  |      |      |
|                                          |       |        | 99   | 21.63 | -0.47 | 21.16 | <=30  | Pass  |      |      |
|                                          |       | 50     | 0    | 20.65 | -0.47 | 20.18 | <=30  | Pass  |      |      |
|                                          |       |        | 25   | 20.67 | -0.47 | 20.20 | <=30  | Pass  |      |      |
|                                          |       |        | 50   | 20.57 | -0.47 | 20.10 | <=30  | Pass  |      |      |
|                                          |       | 100    | 0    | 20.62 | -0.47 | 20.15 | <=30  | Pass  |      |      |
|                                          |       | 256QAM | 1720 | 1     | 0     | 16.24 | -0.47 | 15.77 | <=30 | Pass |
|                                          |       |        |      |       | 50    | 19.34 | -0.47 | 18.87 | <=30 | Pass |
| 99                                       | 19.96 |        |      |       | -0.47 | 19.49 | <=30  | Pass  |      |      |
| 50                                       | 0     |        |      | 17.19 | -0.47 | 16.72 | <=30  | Pass  |      |      |
|                                          | 25    |        |      | 19.25 | -0.47 | 18.78 | <=30  | Pass  |      |      |
|                                          | 50    |        |      | 20.25 | -0.47 | 19.78 | <=30  | Pass  |      |      |
| 100                                      | 0     |        |      | 18.94 | -0.47 | 18.47 | <=30  | Pass  |      |      |
| 1732.5                                   | 1     |        |      | 0     | 18.68 | -0.47 | 18.21 | <=30  | Pass |      |
|                                          |       |        |      | 50    | 18.68 | -0.47 | 18.21 | <=30  | Pass |      |
|                                          |       |        | 99   | 18.79 | -0.47 | 18.32 | <=30  | Pass  |      |      |
|                                          | 50    |        | 0    | 18.58 | -0.47 | 18.11 | <=30  | Pass  |      |      |
|                                          |       |        | 25   | 18.67 | -0.47 | 18.20 | <=30  | Pass  |      |      |
|                                          |       |        | 50   | 18.74 | -0.47 | 18.27 | <=30  | Pass  |      |      |
|                                          | 100   |        | 0    | 18.57 | -0.47 | 18.10 | <=30  | Pass  |      |      |
|                                          | 1745  |        | 1    | 0     | 18.88 | -0.47 | 18.41 | <=30  | Pass |      |
|                                          |       |        |      | 50    | 18.76 | -0.47 | 18.29 | <=30  | Pass |      |
| 99                                       |       |        |      | 18.67 | -0.47 | 18.20 | <=30  | Pass  |      |      |
| 50                                       |       |        | 0    | 18.65 | -0.47 | 18.18 | <=30  | Pass  |      |      |
|                                          |       |        | 25   | 18.72 | -0.47 | 18.25 | <=30  | Pass  |      |      |
|                                          |       |        | 50   | 18.60 | -0.47 | 18.13 | <=30  | Pass  |      |      |
| 100                                      |       |        | 0    | 18.67 | -0.47 | 18.20 | <=30  | Pass  |      |      |
| Note1: EIRP=Conducted Power+Antenna Gain |       |        |      |       |       |       |       |       |      |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B4\_10MHz

| Band: 4 / Bandwidth: 10MHz |                 |               |        |            |         |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |         |                  | Result                | Limit       |         |
| QPSK                       | 1732.5          | 50            | 0      | 20         | LV      | 1.049            | 0.0006                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | NV      | 0.250            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | HV      | 0.165            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | NV      | 0.809            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | NV      | 0.409            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | NV      | 0.963            | 0.0006                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | NV      | 0.002            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | NV      | 1.155            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | NV      | 1.568            | 0.0009                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | NV      | 1.465            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | NV      | 0.787            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            |         |                  |                       |             |         |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band4\_OBW

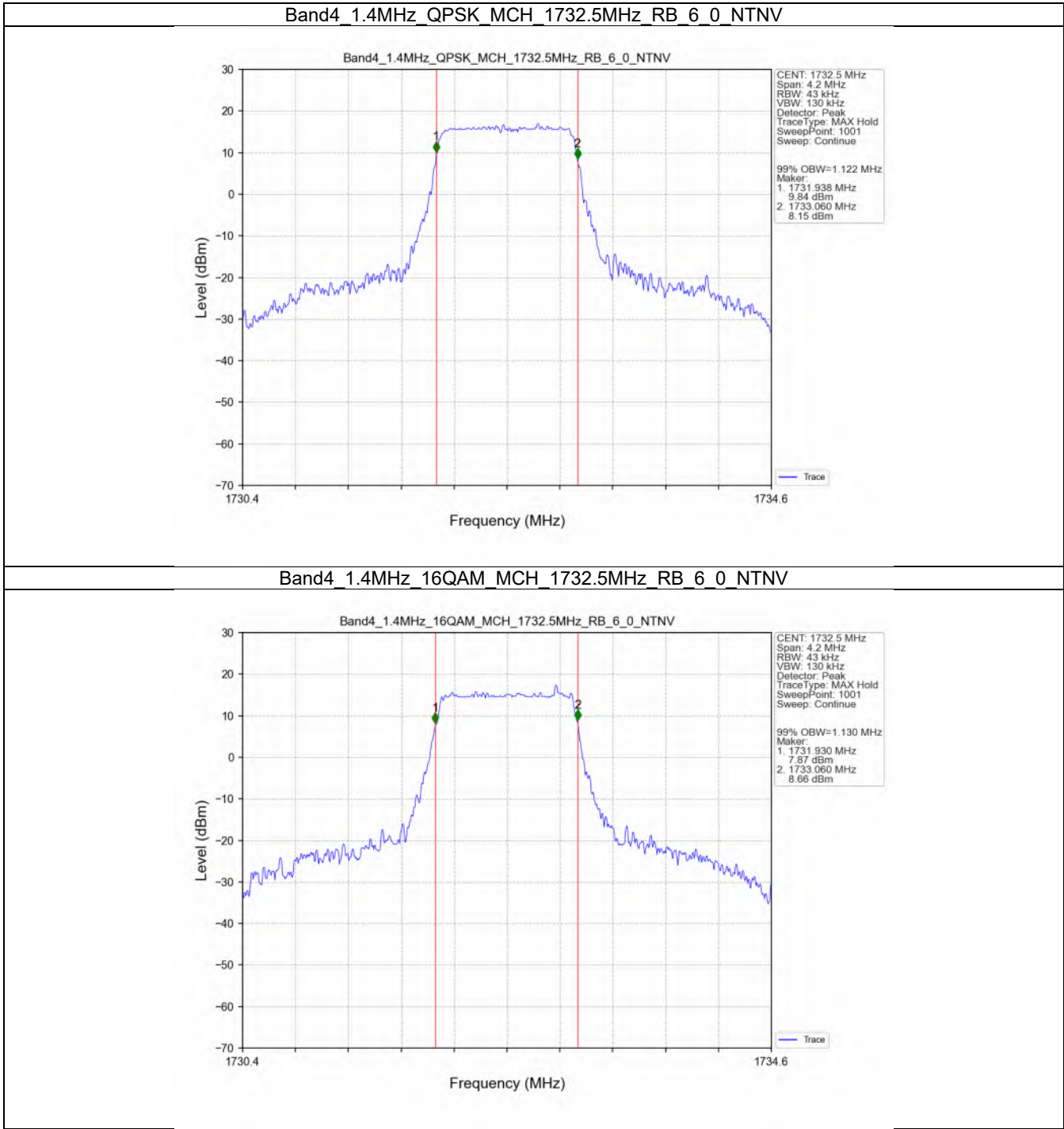
| Band: 4 / NTN   |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1732.5          | 6             | 0      | 1.122                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 6             | 0      | 1.130                        | /     | Pass    |
|                 | 64QAM      | 1732.5          | 6             | 0      | 1.128                        | /     | Pass    |
|                 | 256QAM     | 1732.5          | 6             | 0      | 1.128                        | /     | Pass    |
| 3               | QPSK       | 1732.5          | 15            | 0      | 2.748                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 15            | 0      | 2.753                        | /     | Pass    |
|                 | 64QAM      | 1732.5          | 15            | 0      | 2.753                        | /     | Pass    |
|                 | 256QAM     | 1732.5          | 15            | 0      | 2.741                        | /     | Pass    |
| 5               | QPSK       | 1732.5          | 25            | 0      | 4.559                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 25            | 0      | 4.572                        | /     | Pass    |
|                 | 64QAM      | 1732.5          | 25            | 0      | 4.583                        | /     | Pass    |
|                 | 256QAM     | 1732.5          | 25            | 0      | 4.559                        | /     | Pass    |
| 10              | QPSK       | 1732.5          | 50            | 0      | 9.082                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 50            | 0      | 9.096                        | /     | Pass    |
|                 | 64QAM      | 1732.5          | 50            | 0      | 9.111                        | /     | Pass    |
|                 | 256QAM     | 1732.5          | 50            | 0      | 9.086                        | /     | Pass    |
| 15              | QPSK       | 1732.5          | 75            | 0      | 13.640                       | /     | Pass    |
|                 | 16QAM      | 1732.5          | 75            | 0      | 13.677                       | /     | Pass    |
|                 | 64QAM      | 1732.5          | 75            | 0      | 13.623                       | /     | Pass    |
|                 | 256QAM     | 1732.5          | 75            | 0      | 13.621                       | /     | Pass    |
| 20              | QPSK       | 1732.5          | 100           | 0      | 18.194                       | /     | Pass    |
|                 | 16QAM      | 1732.5          | 100           | 0      | 18.192                       | /     | Pass    |
|                 | 64QAM      | 1732.5          | 100           | 0      | 18.198                       | /     | Pass    |
|                 | 256QAM     | 1732.5          | 100           | 0      | 18.147                       | /     | Pass    |

### 3.1.2 Band4\_XDB

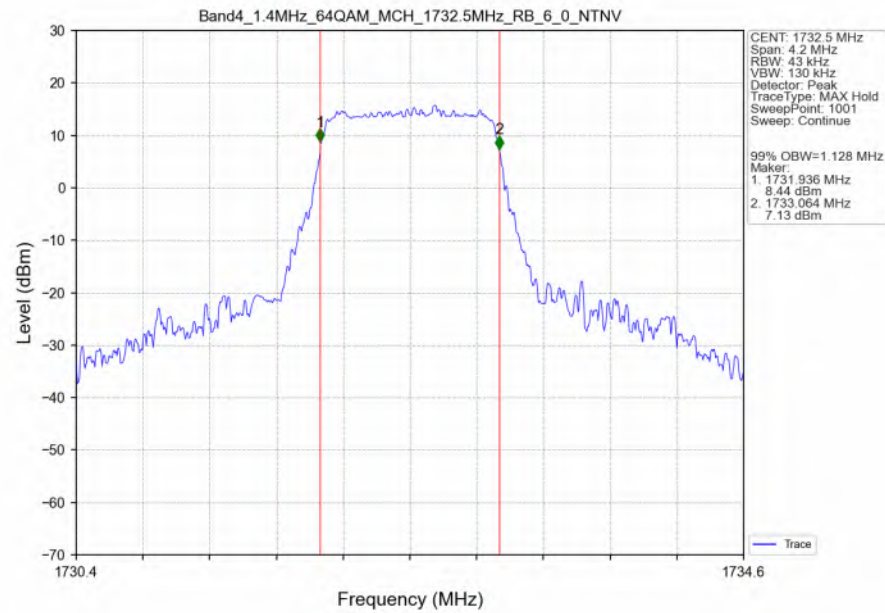
| Band: 4 / NTNv  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1732.5          | 6             | 0      | 1.406                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 6             | 0      | 1.372                | /     | Pass    |
|                 | 64QAM      | 1732.5          | 6             | 0      | 1.401                | /     | Pass    |
|                 | 256QAM     | 1732.5          | 6             | 0      | 1.418                | /     | Pass    |
| 3               | QPSK       | 1732.5          | 15            | 0      | 3.146                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 15            | 0      | 3.112                | /     | Pass    |
|                 | 64QAM      | 1732.5          | 15            | 0      | 3.105                | /     | Pass    |
|                 | 256QAM     | 1732.5          | 15            | 0      | 3.117                | /     | Pass    |
| 5               | QPSK       | 1732.5          | 25            | 0      | 5.245                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 25            | 0      | 5.232                | /     | Pass    |
|                 | 64QAM      | 1732.5          | 25            | 0      | 5.283                | /     | Pass    |
|                 | 256QAM     | 1732.5          | 25            | 0      | 5.236                | /     | Pass    |
| 10              | QPSK       | 1732.5          | 50            | 0      | 10.250               | /     | Pass    |
|                 | 16QAM      | 1732.5          | 50            | 0      | 10.160               | /     | Pass    |
|                 | 64QAM      | 1732.5          | 50            | 0      | 10.232               | /     | Pass    |
|                 | 256QAM     | 1732.5          | 50            | 0      | 10.202               | /     | Pass    |
| 15              | QPSK       | 1732.5          | 75            | 0      | 15.242               | /     | Pass    |
|                 | 16QAM      | 1732.5          | 75            | 0      | 15.188               | /     | Pass    |
|                 | 64QAM      | 1732.5          | 75            | 0      | 15.304               | /     | Pass    |
|                 | 256QAM     | 1732.5          | 75            | 0      | 15.100               | /     | Pass    |
| 20              | QPSK       | 1732.5          | 100           | 0      | 20.146               | /     | Pass    |
|                 | 16QAM      | 1732.5          | 100           | 0      | 20.171               | /     | Pass    |
|                 | 64QAM      | 1732.5          | 100           | 0      | 20.291               | /     | Pass    |
|                 | 256QAM     | 1732.5          | 100           | 0      | 20.065               | /     | Pass    |

3.2 Test Graph

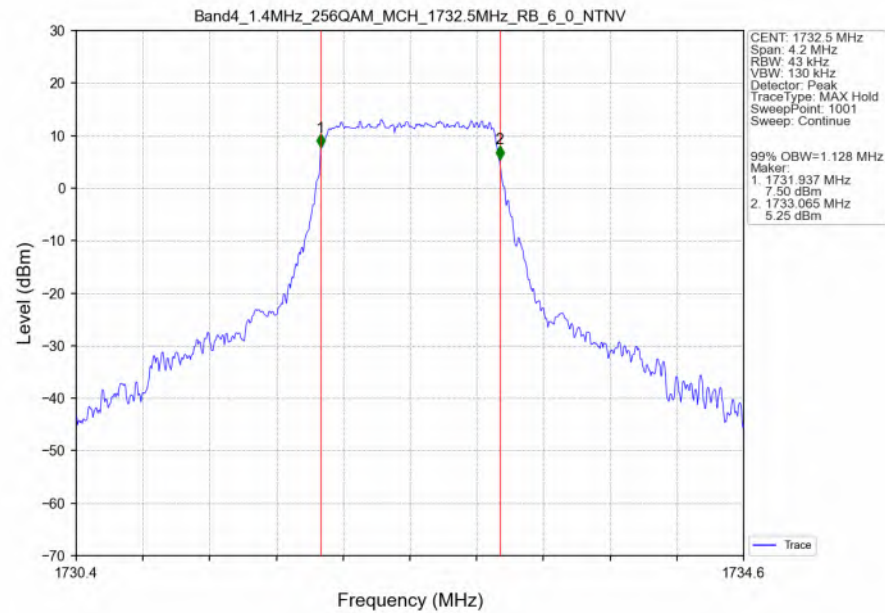
3.2.1 Band4\_OBW



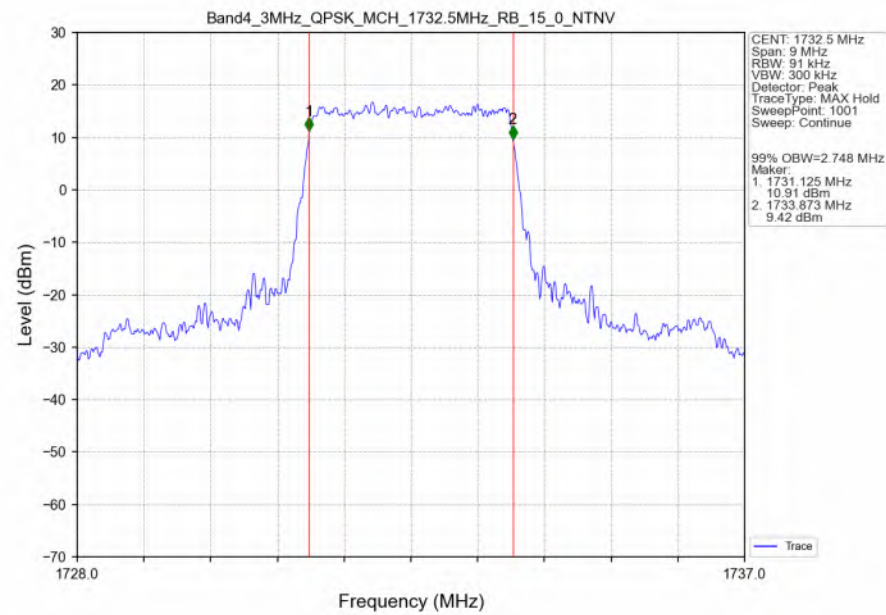
Band4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTV



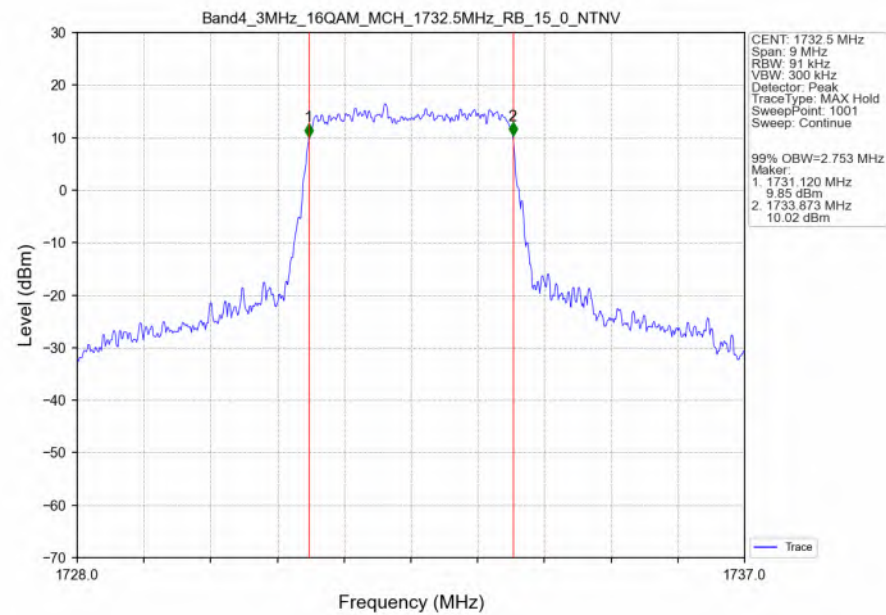
Band4 1.4MHz 256QAM MCH 1732.5MHz RB 6 0 NTV



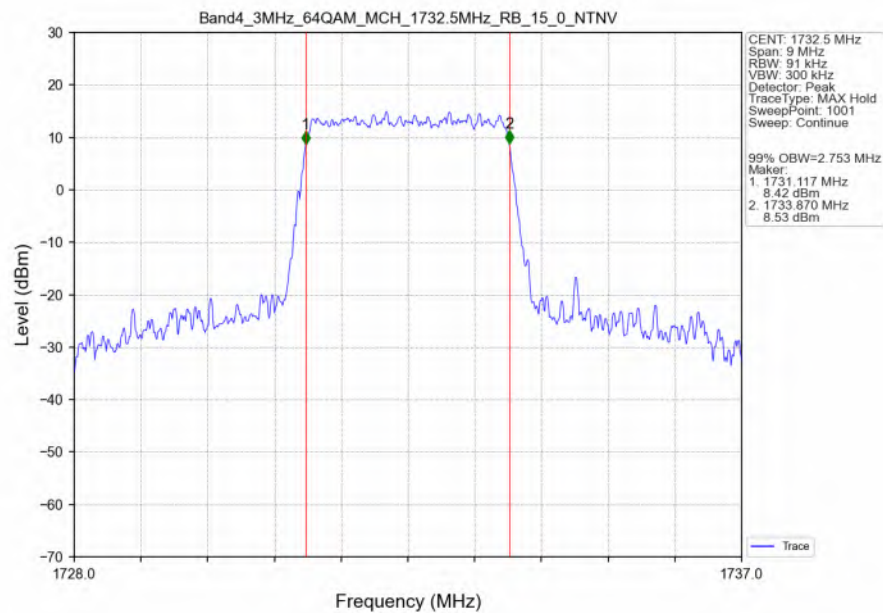
# Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTV



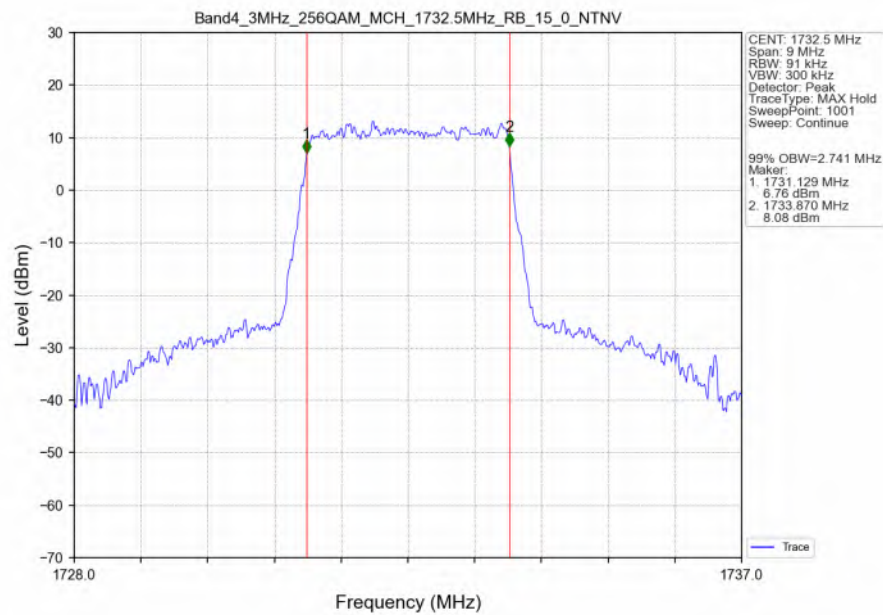
# Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTV



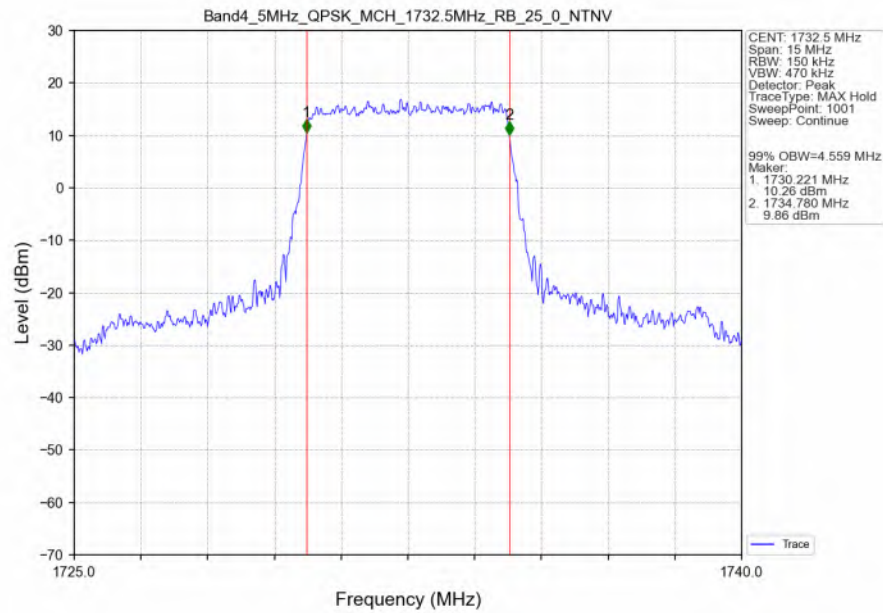
Band4 3MHz 64QAM MCH 1732.5MHz RB 15 0 NTNV



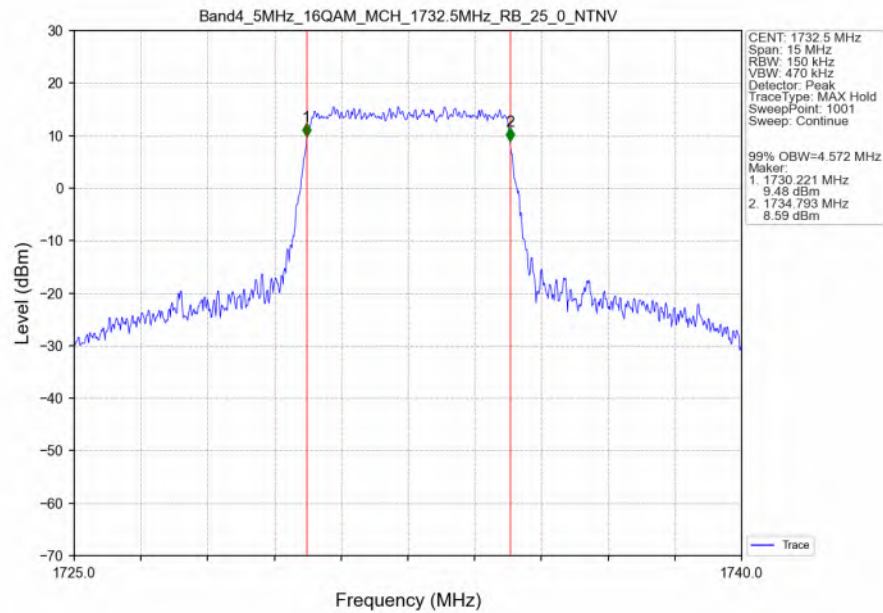
Band4 3MHz 256QAM MCH 1732.5MHz RB 15 0 NTNV



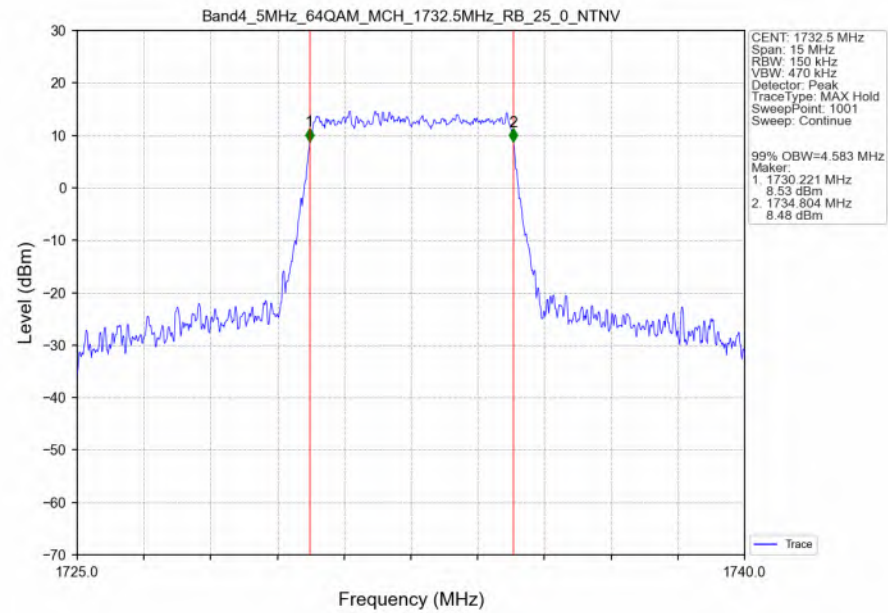
Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



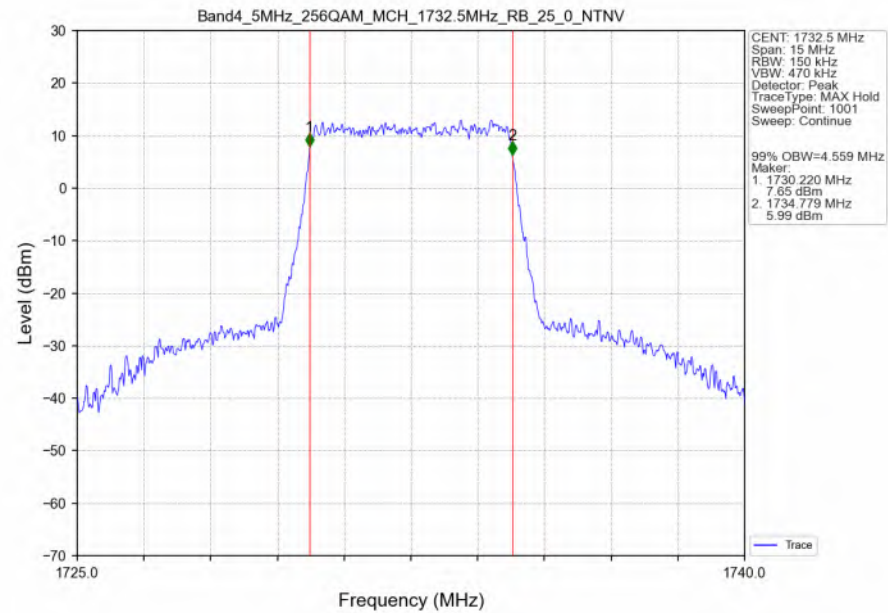
Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



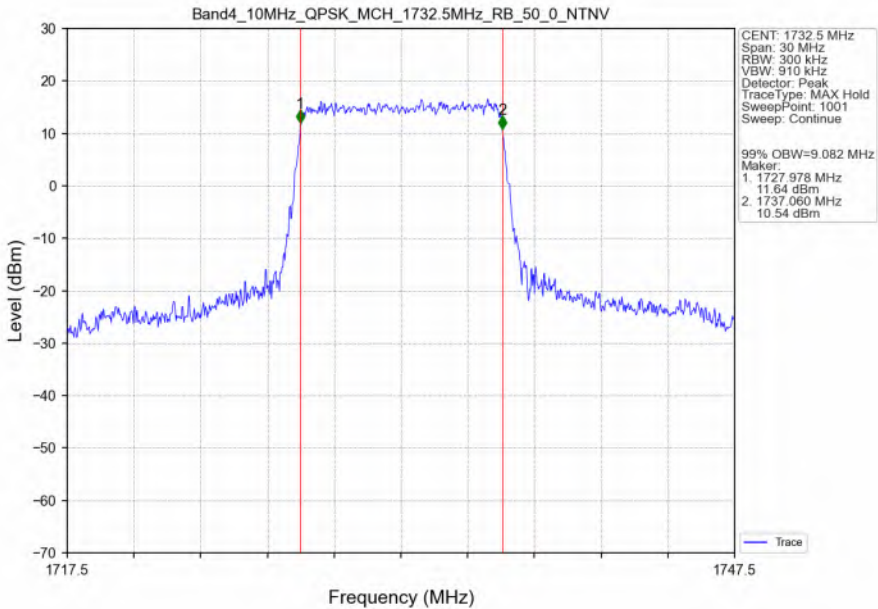
Band4 5MHz 64QAM MCH 1732.5MHz RB 25 0 NTNV



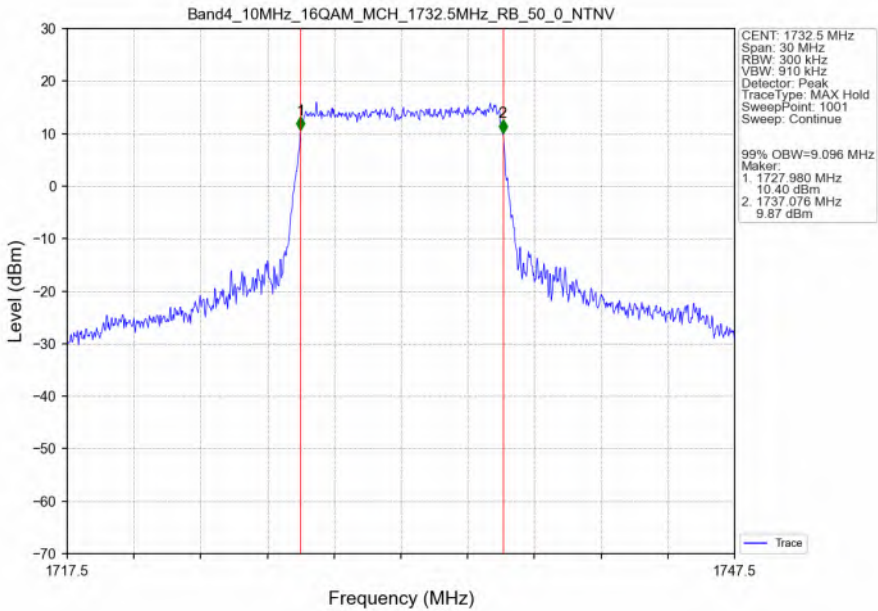
Band4 5MHz 256QAM MCH 1732.5MHz RB 25 0 NTNV



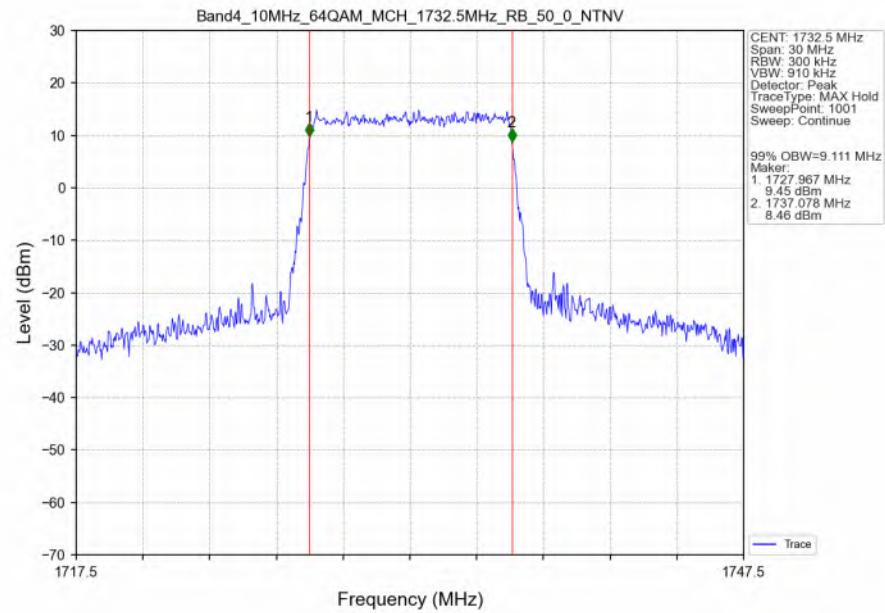
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTN



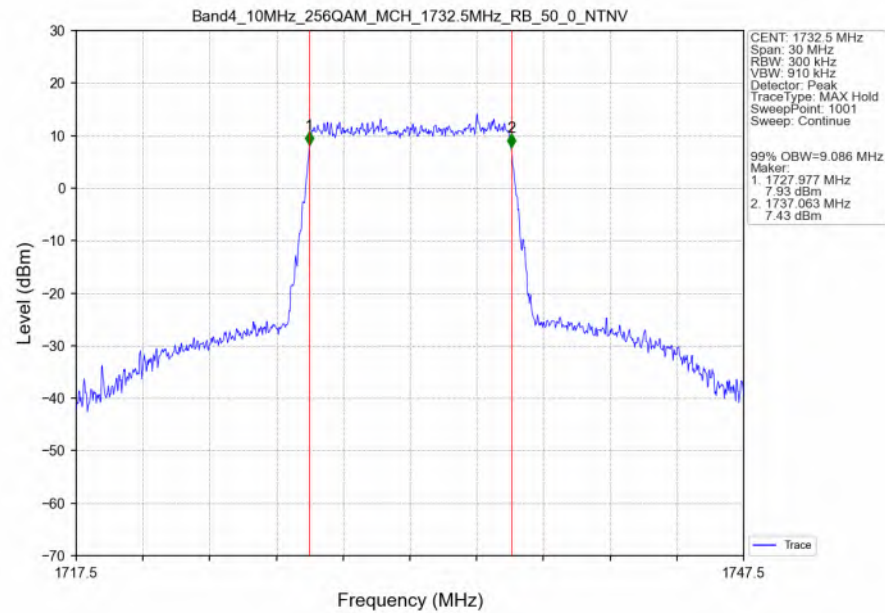
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



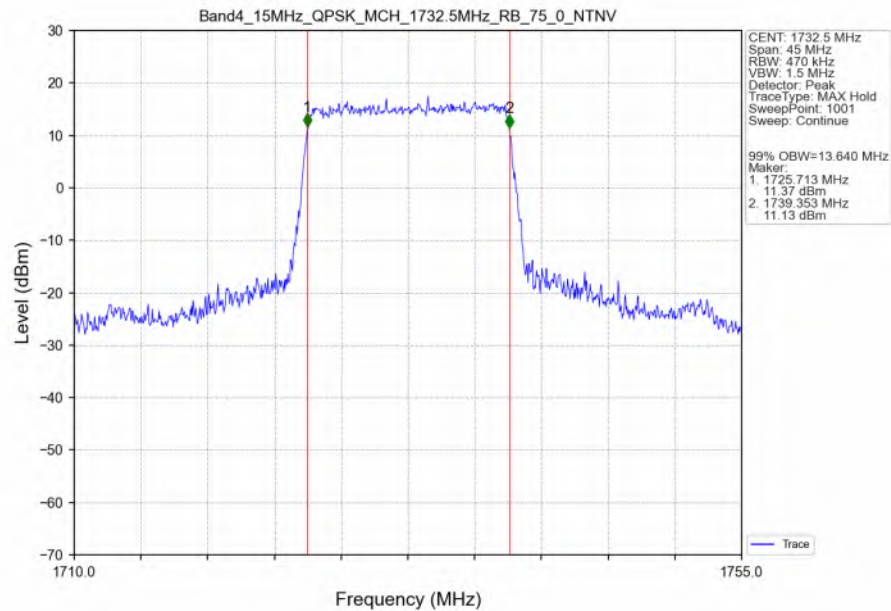
Band4 10MHz 64QAM MCH 1732.5MHz RB 50 0 NTNV



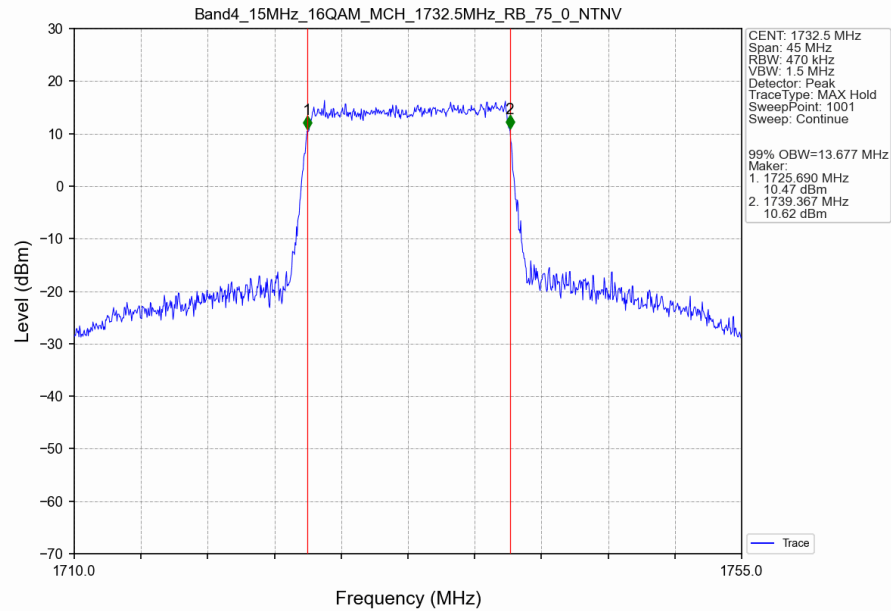
Band4 10MHz 256QAM MCH 1732.5MHz RB 50 0 NTNV



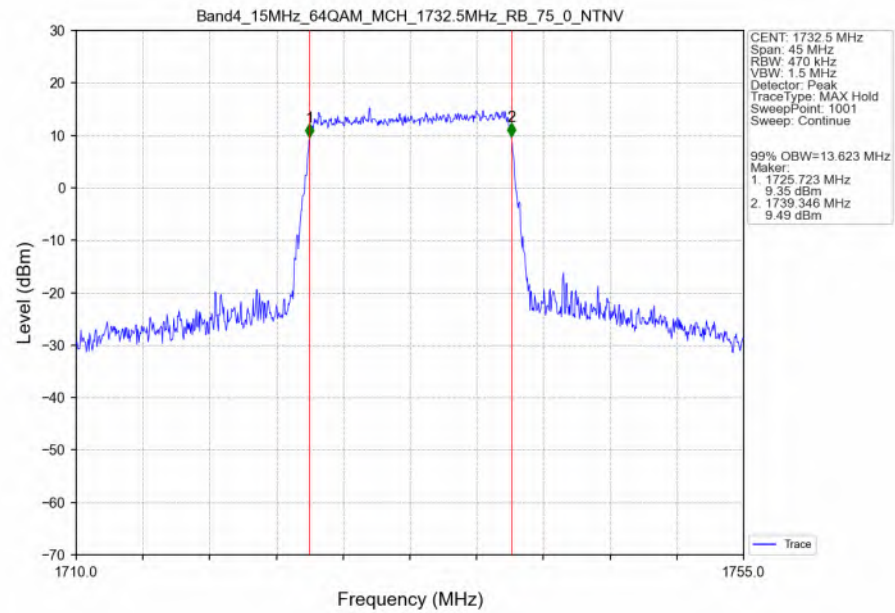
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



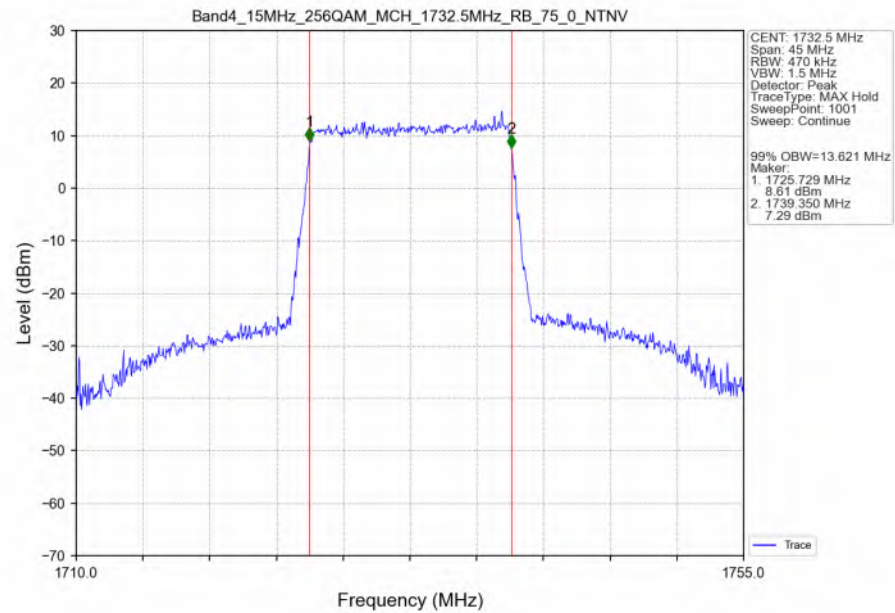
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



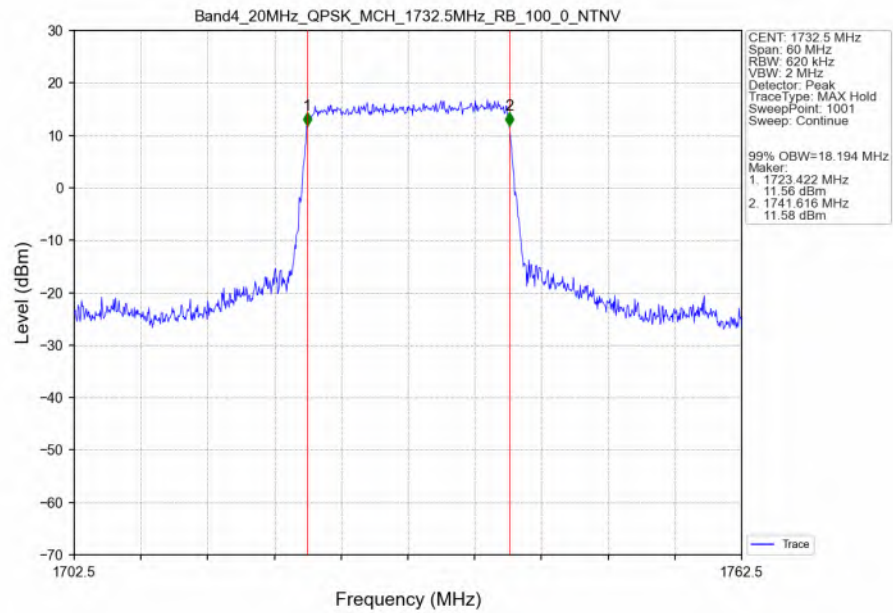
Band4 15MHz 64QAM MCH 1732.5MHz RB 75 0 NTNV



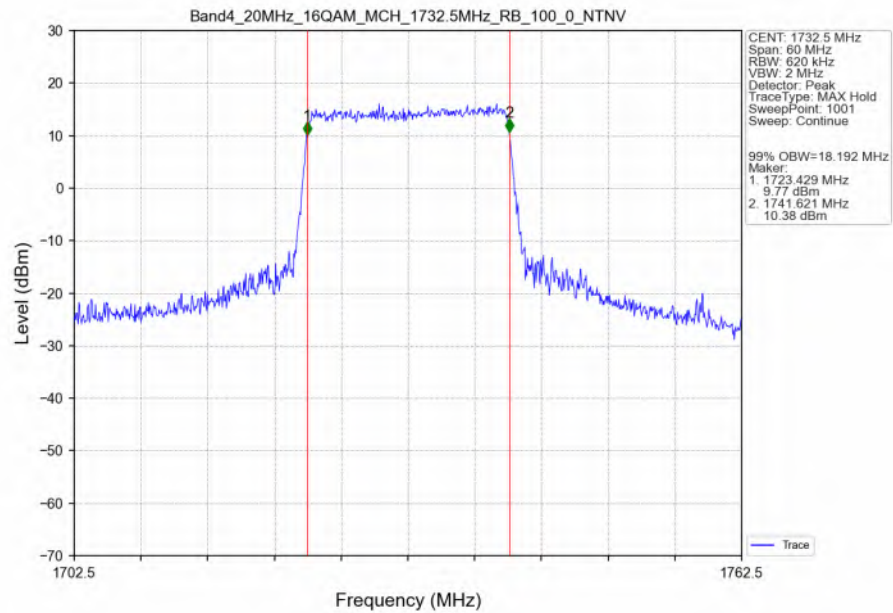
Band4 15MHz 256QAM MCH 1732.5MHz RB 75 0 NTNV



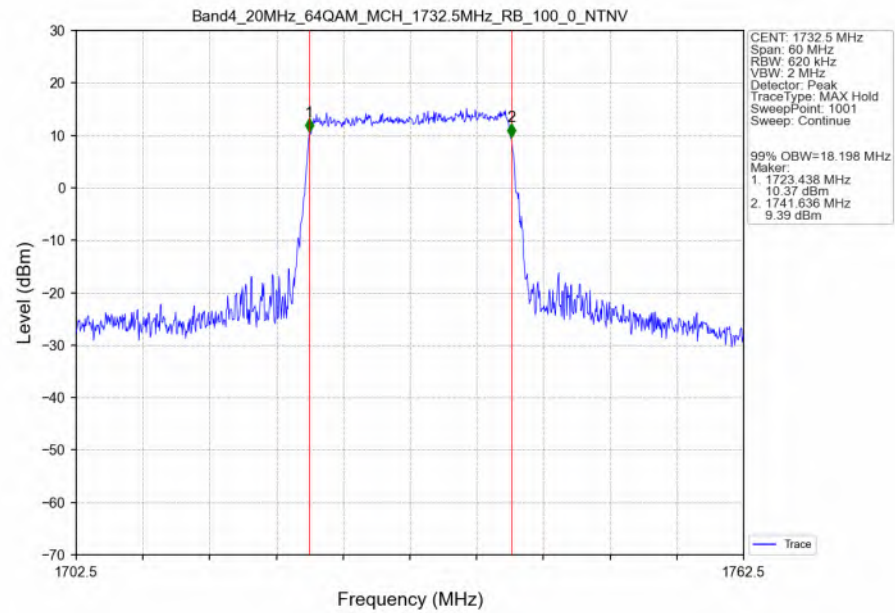
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



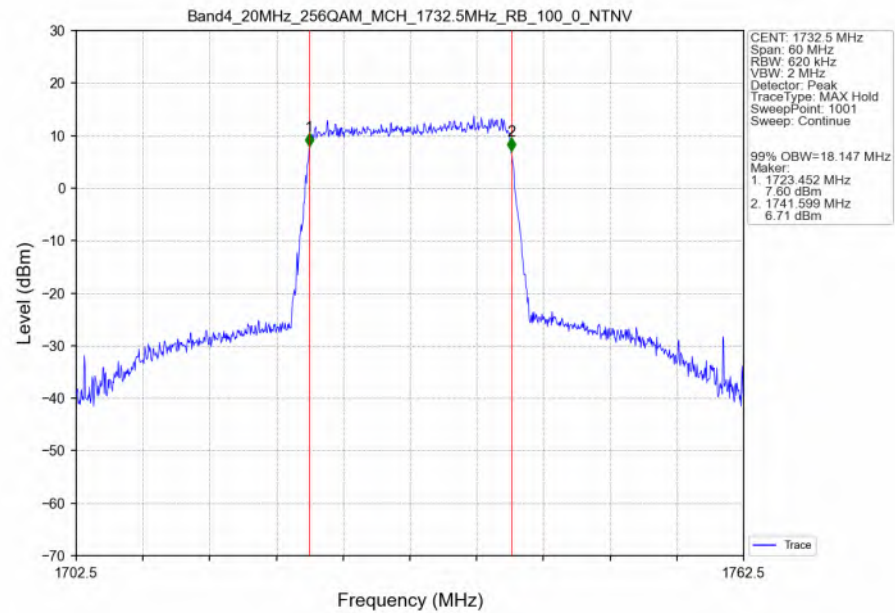
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTN



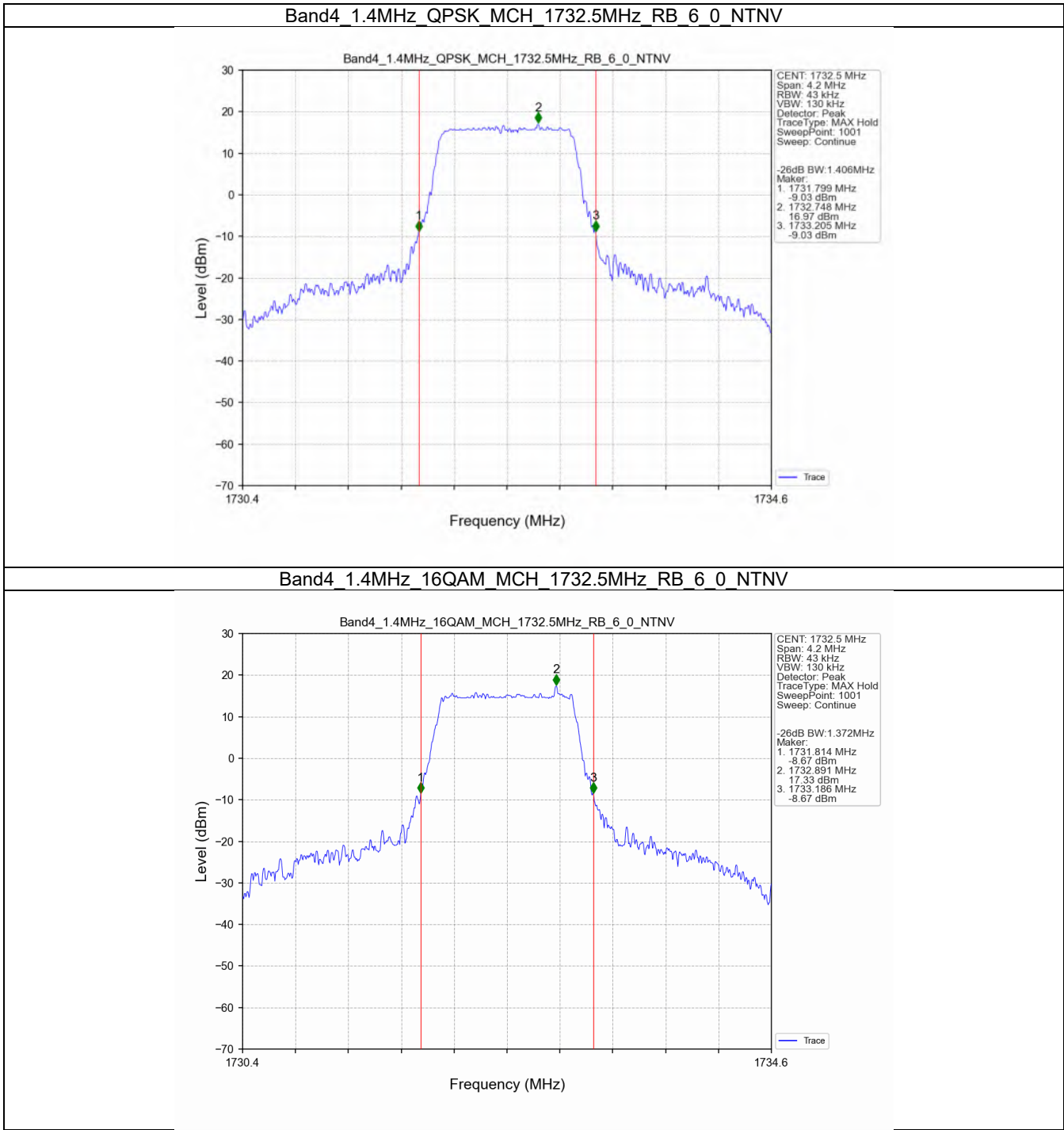
Band4 20MHz 64QAM MCH 1732.5MHz RB 100 0 NTNV



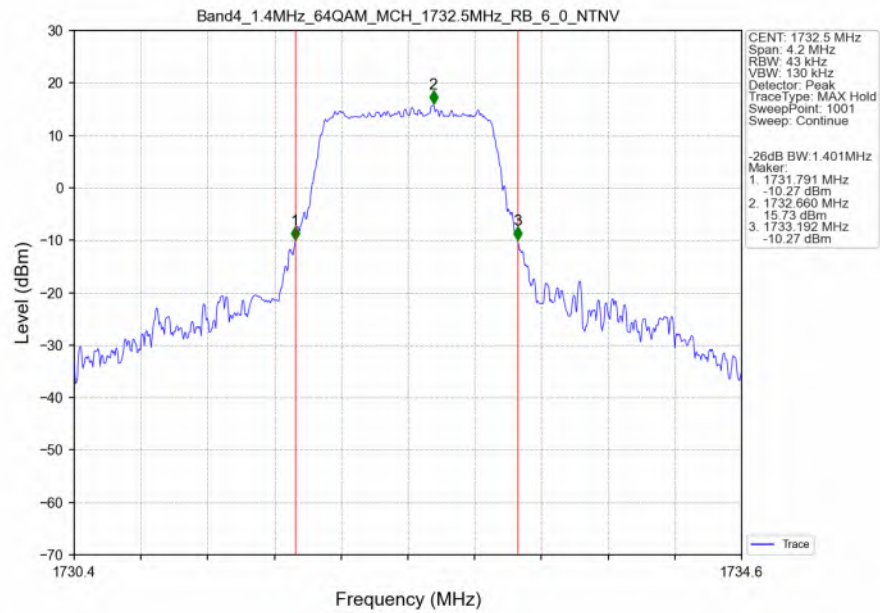
Band4 20MHz 256QAM MCH 1732.5MHz RB 100 0 NTNV



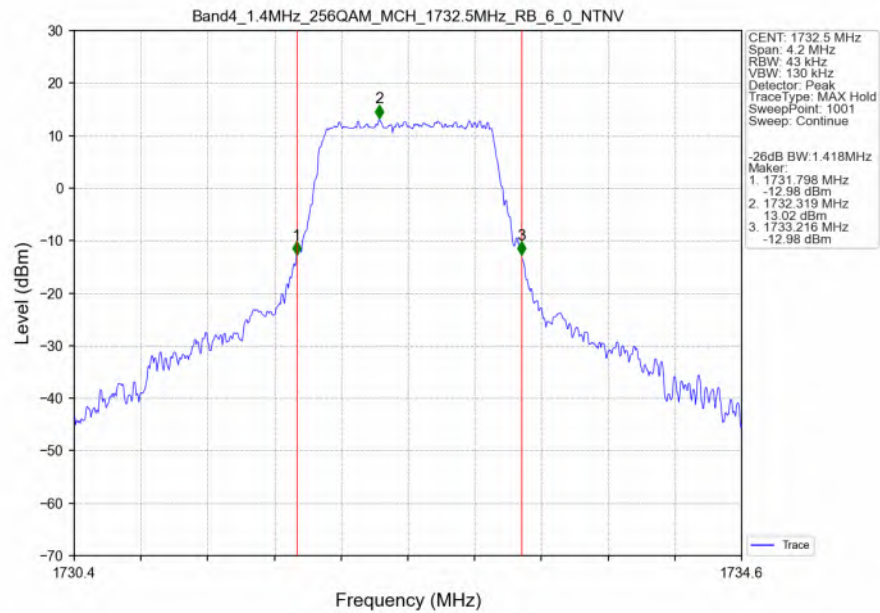
3.2.2 Band4\_XDB



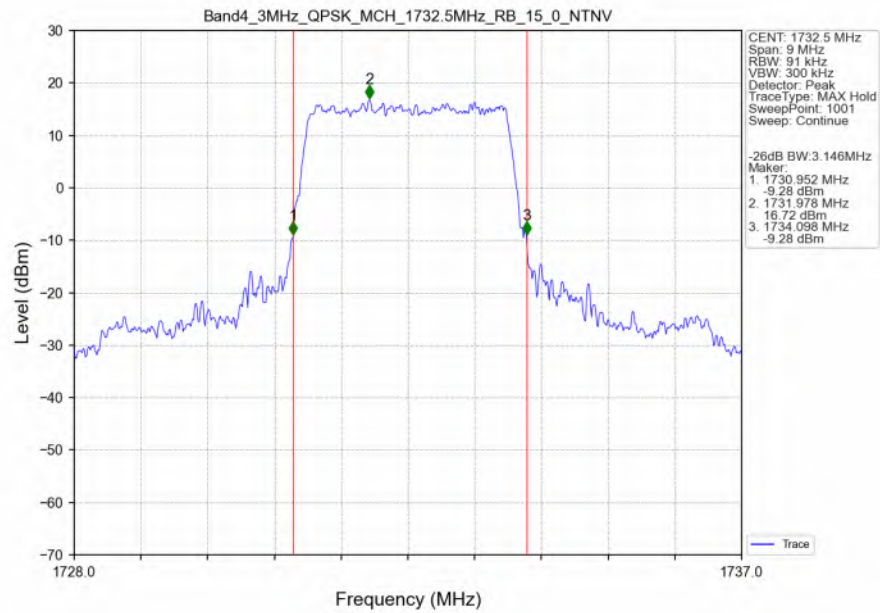
Band4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTV



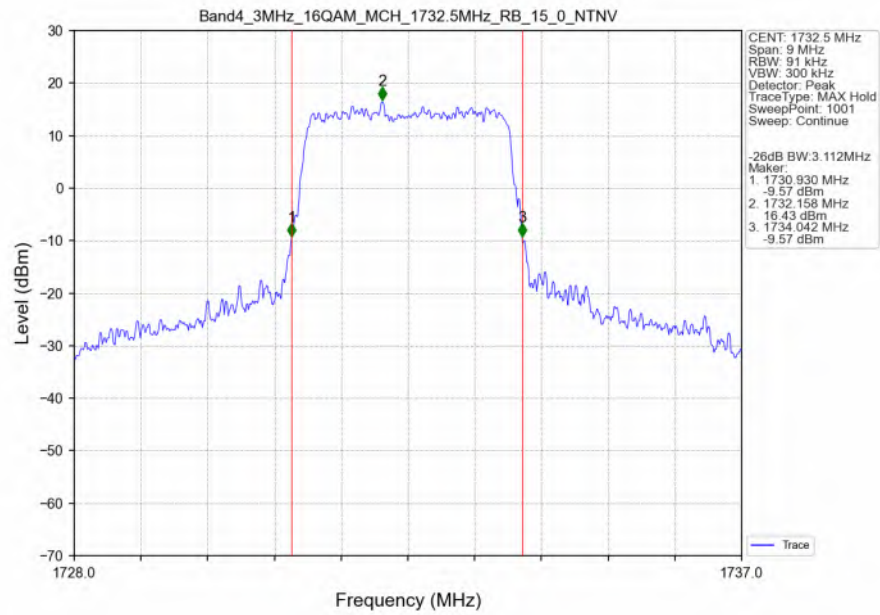
Band4 1.4MHz 256QAM MCH 1732.5MHz RB 6 0 NTV



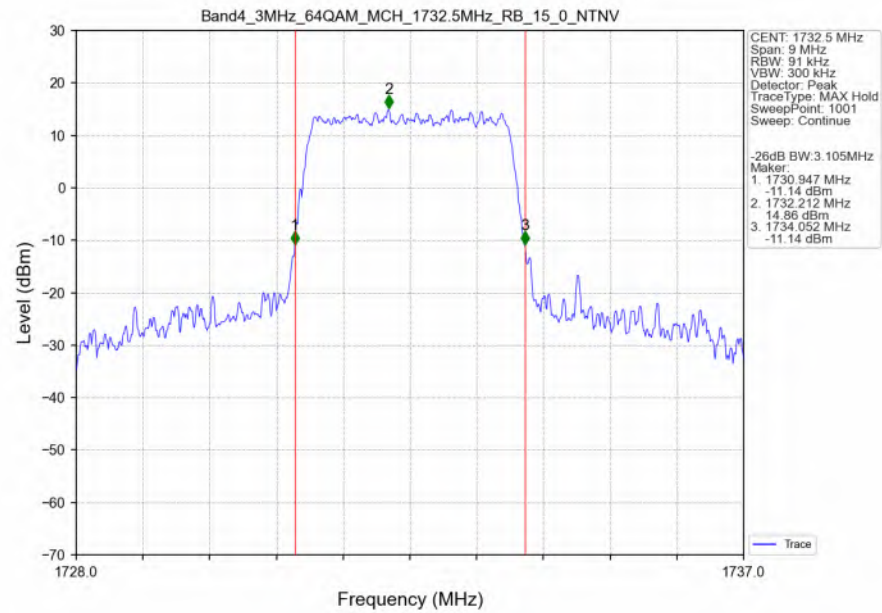
# Band4\_3MHz\_QPSK\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV



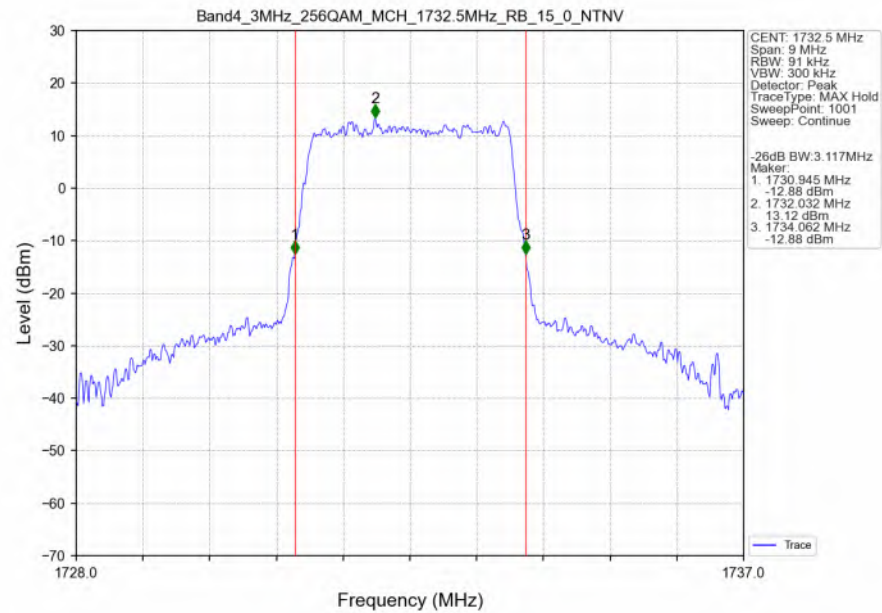
# Band4\_3MHz\_16QAM\_MCH\_1732.5MHz\_RB\_15\_0\_NTNV



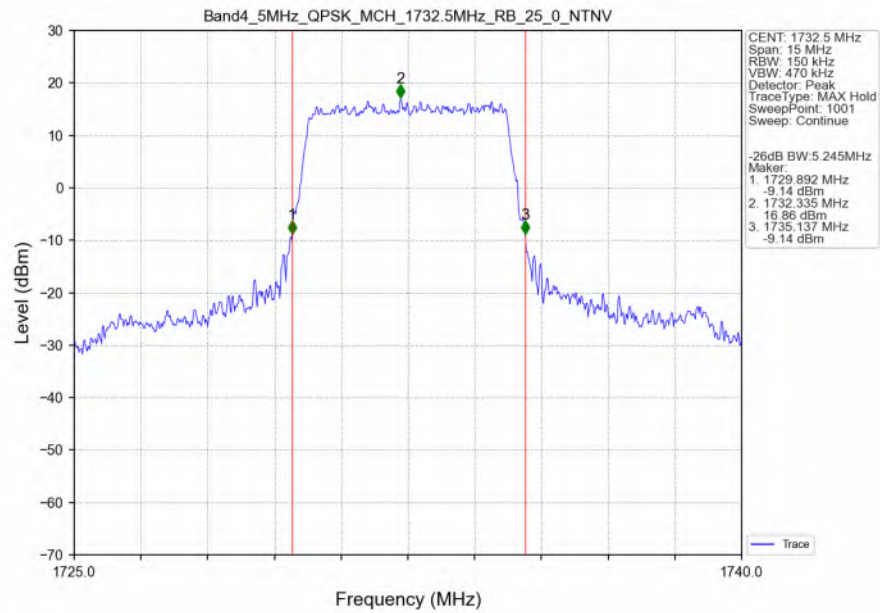
Band4 3MHz 64QAM MCH 1732.5MHz RB 15 0 NTV



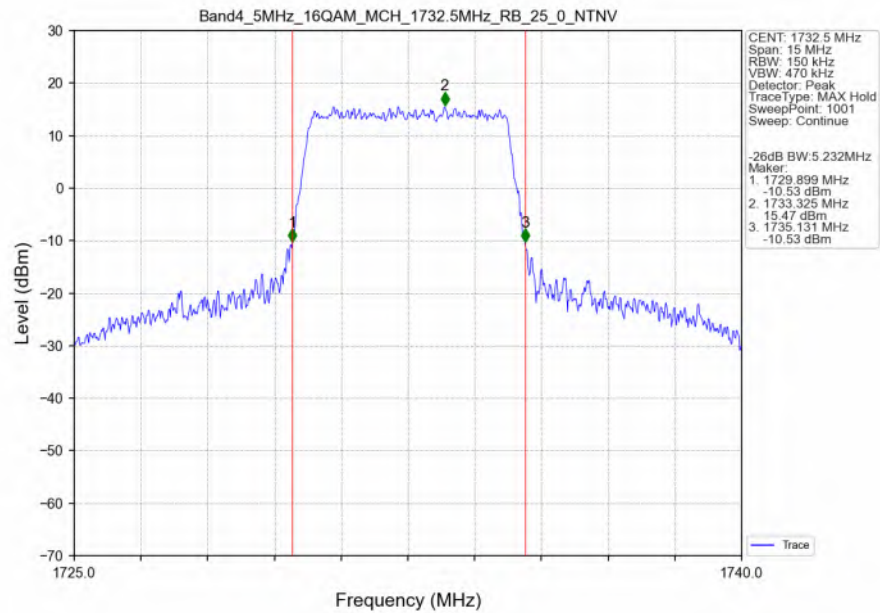
Band4 3MHz 256QAM MCH 1732.5MHz RB 15 0 NTV



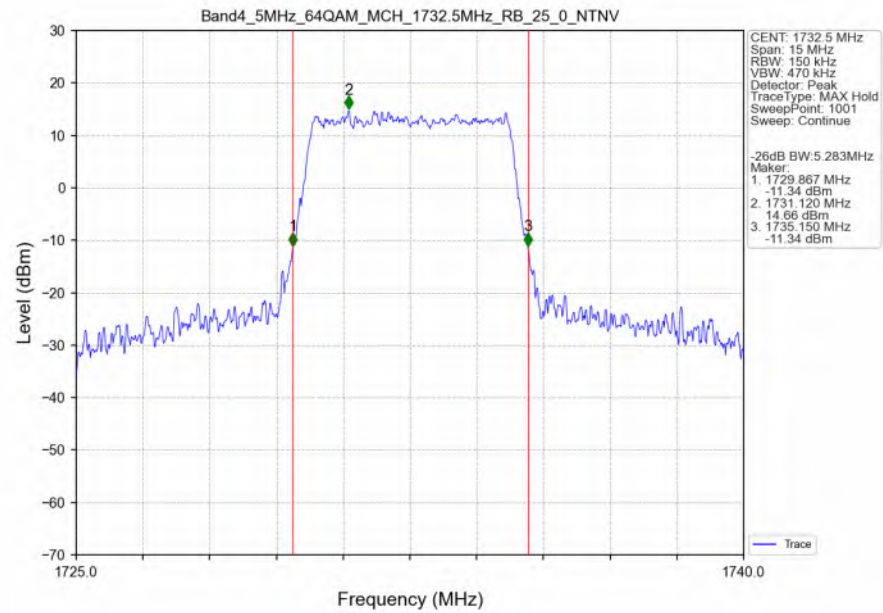
# Band4\_5MHz\_QPSK\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



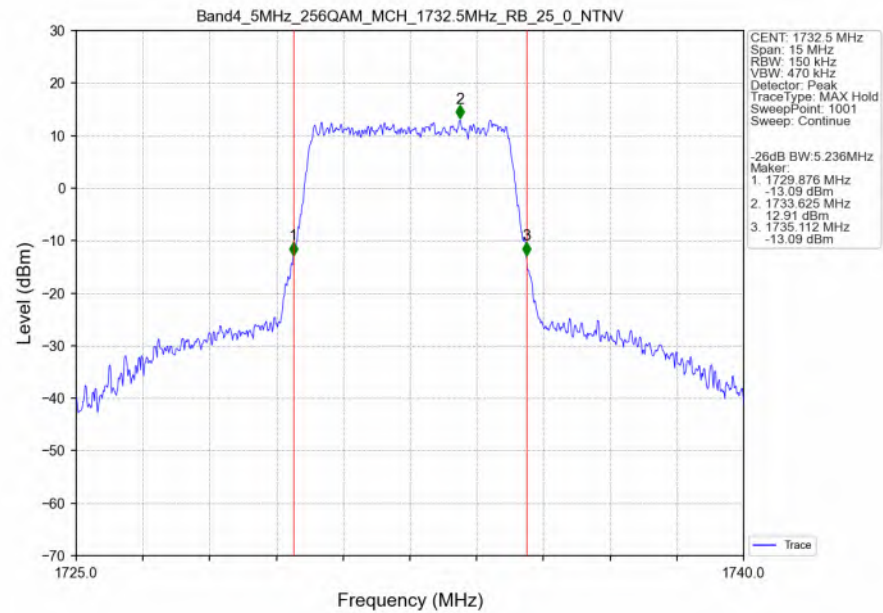
# Band4\_5MHz\_16QAM\_MCH\_1732.5MHz\_RB\_25\_0\_NTNV



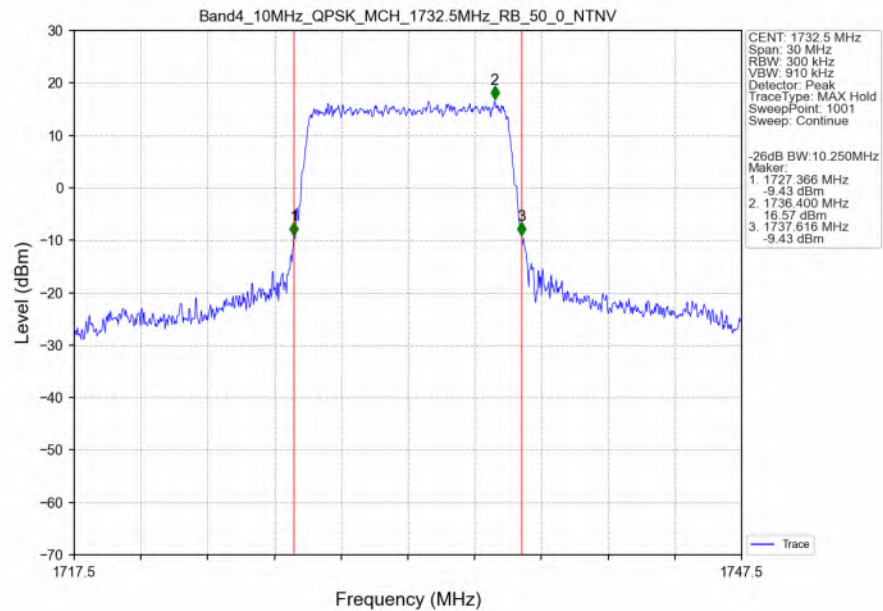
# Band4 5MHz 64QAM MCH 1732.5MHz RB 25 0 NTV



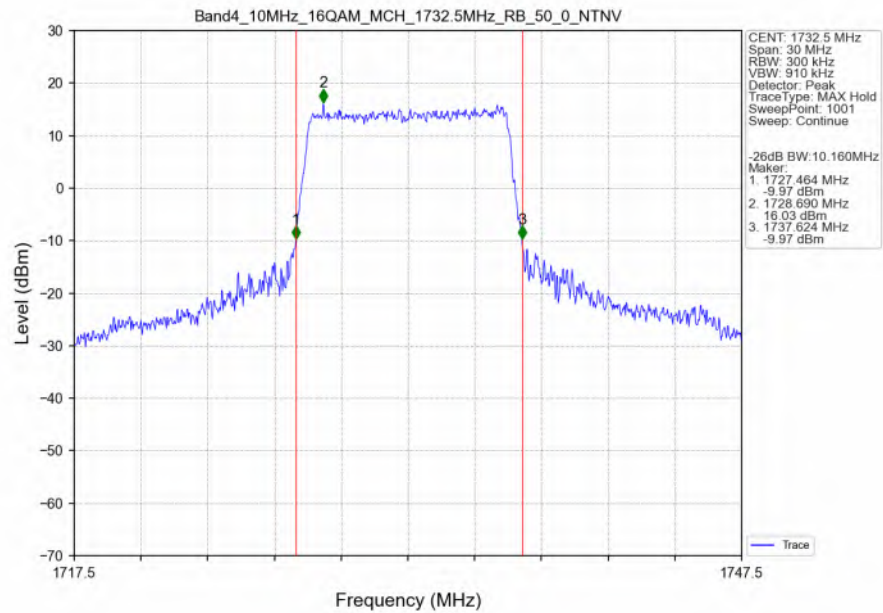
# Band4 5MHz 256QAM MCH 1732.5MHz RB 25 0 NTV



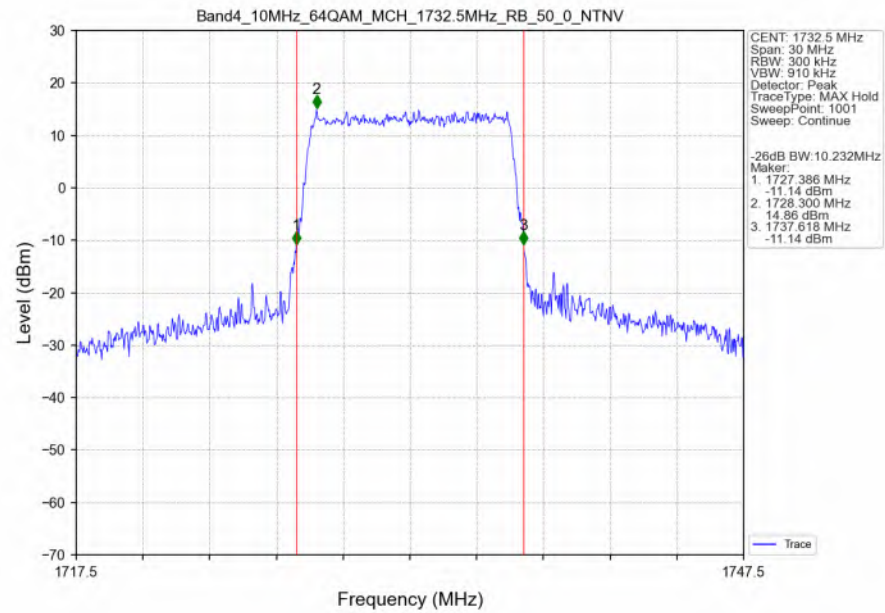
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTV



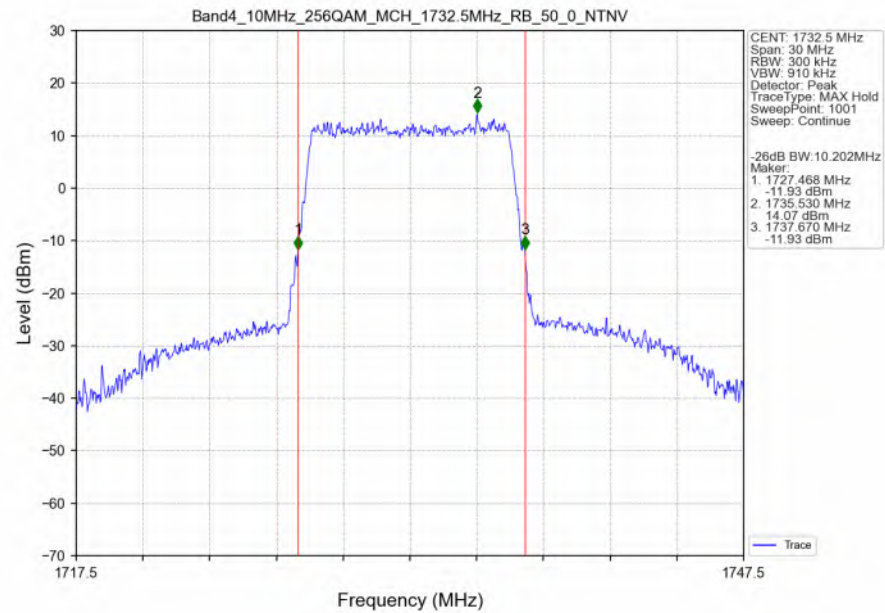
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTV



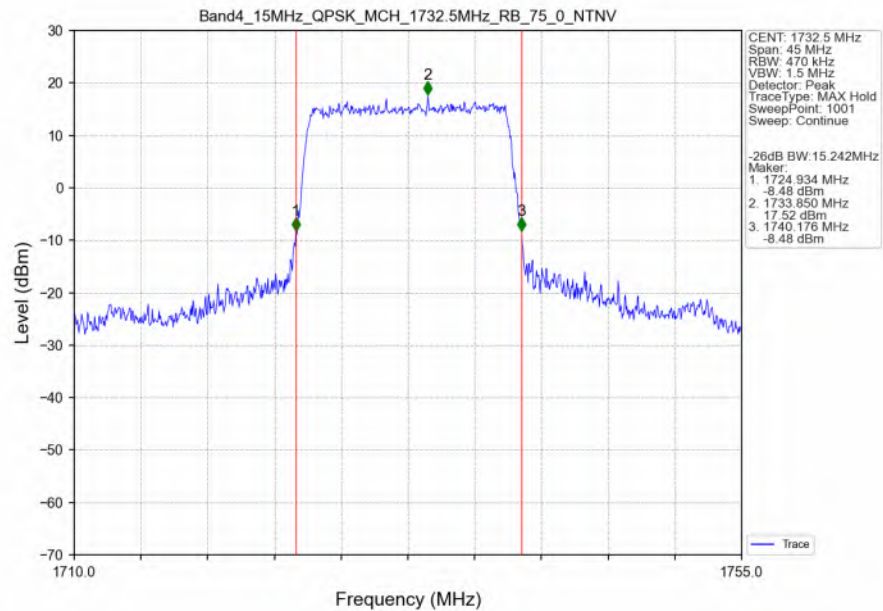
# Band4 10MHz 64QAM MCH 1732.5MHz RB 50 0 NTN



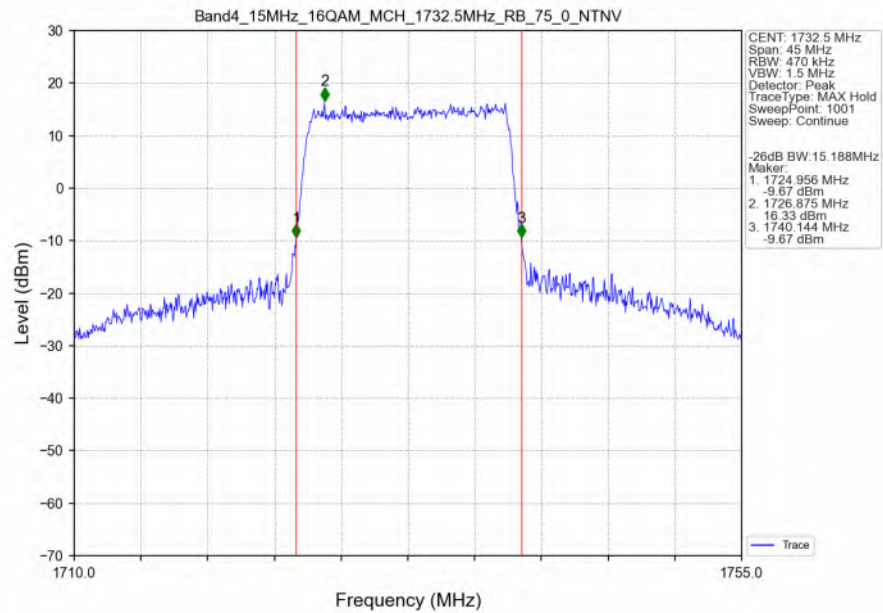
# Band4 10MHz 256QAM MCH 1732.5MHz RB 50 0 NTN



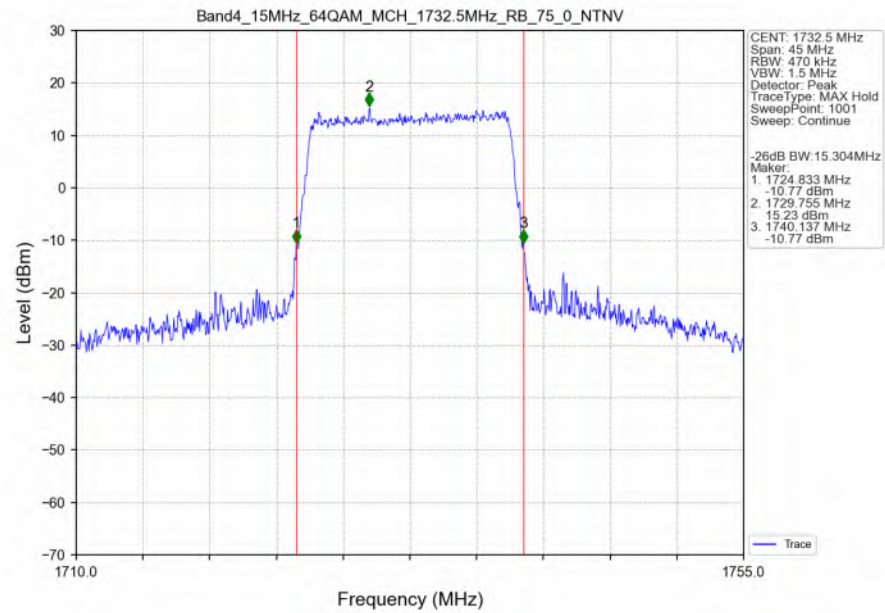
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTV



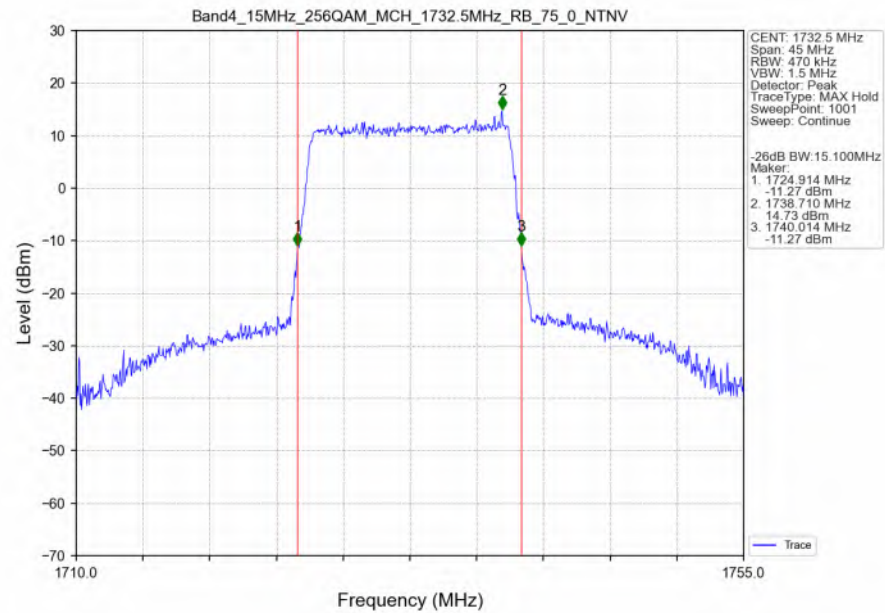
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTV



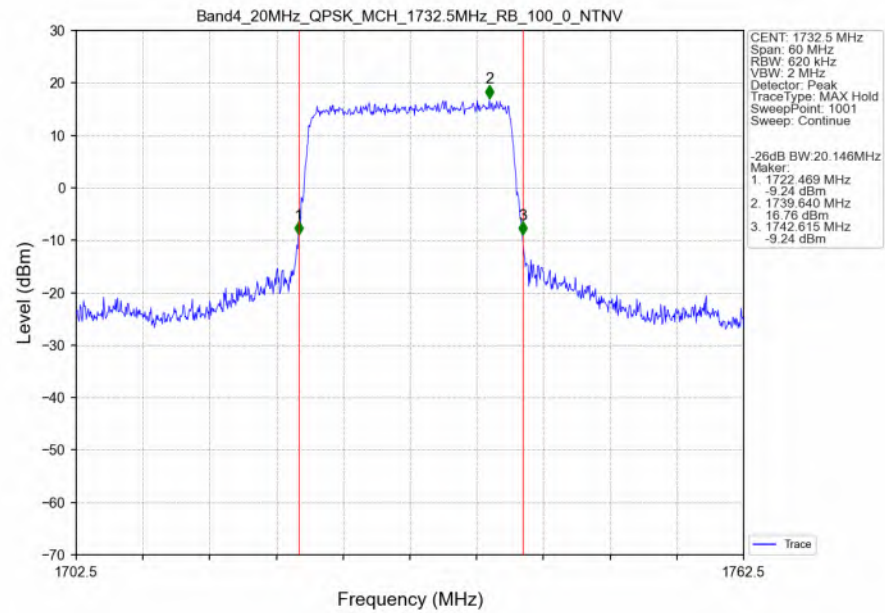
# Band4 15MHz 64QAM MCH 1732.5MHz RB 75 0 NTN



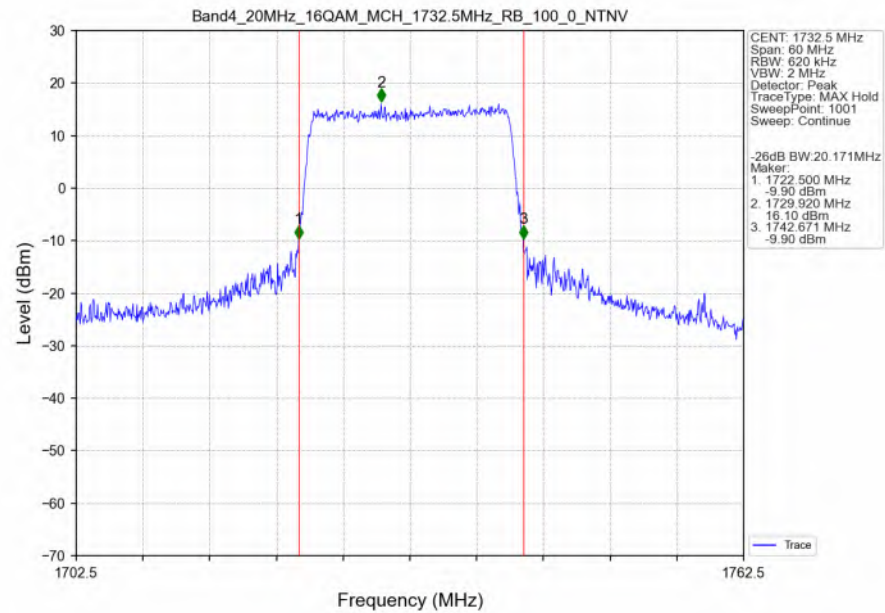
# Band4 15MHz 256QAM MCH 1732.5MHz RB 75 0 NTN



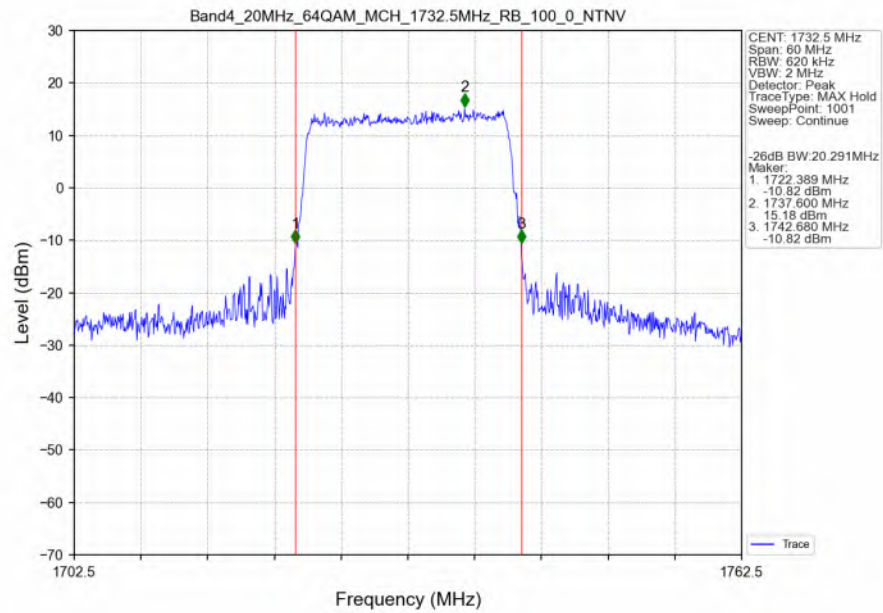
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



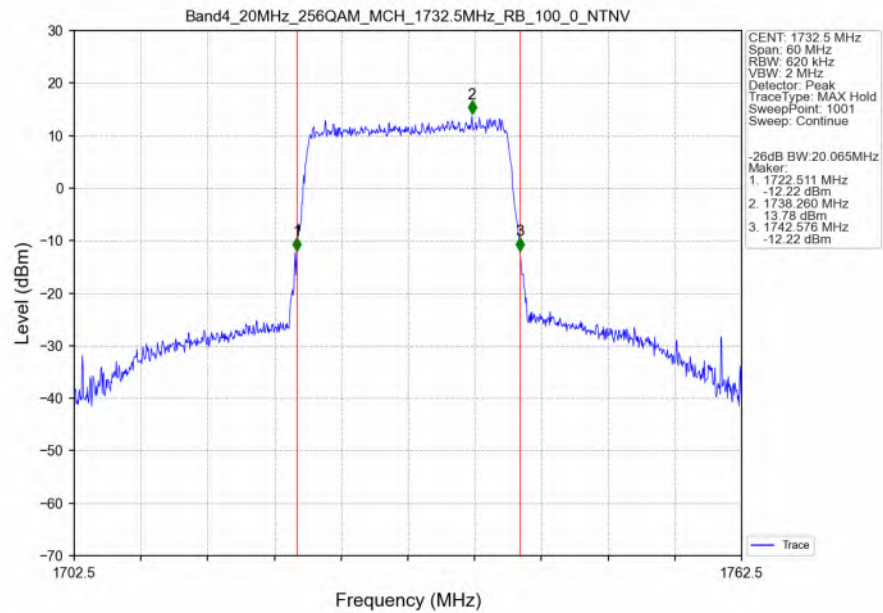
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



# Band4 20MHz 64QAM MCH 1732.5MHz RB 100 0 NTN



# Band4 20MHz 256QAM MCH 1732.5MHz RB 100 0 NTN



## 4. Peak-Average Ratio

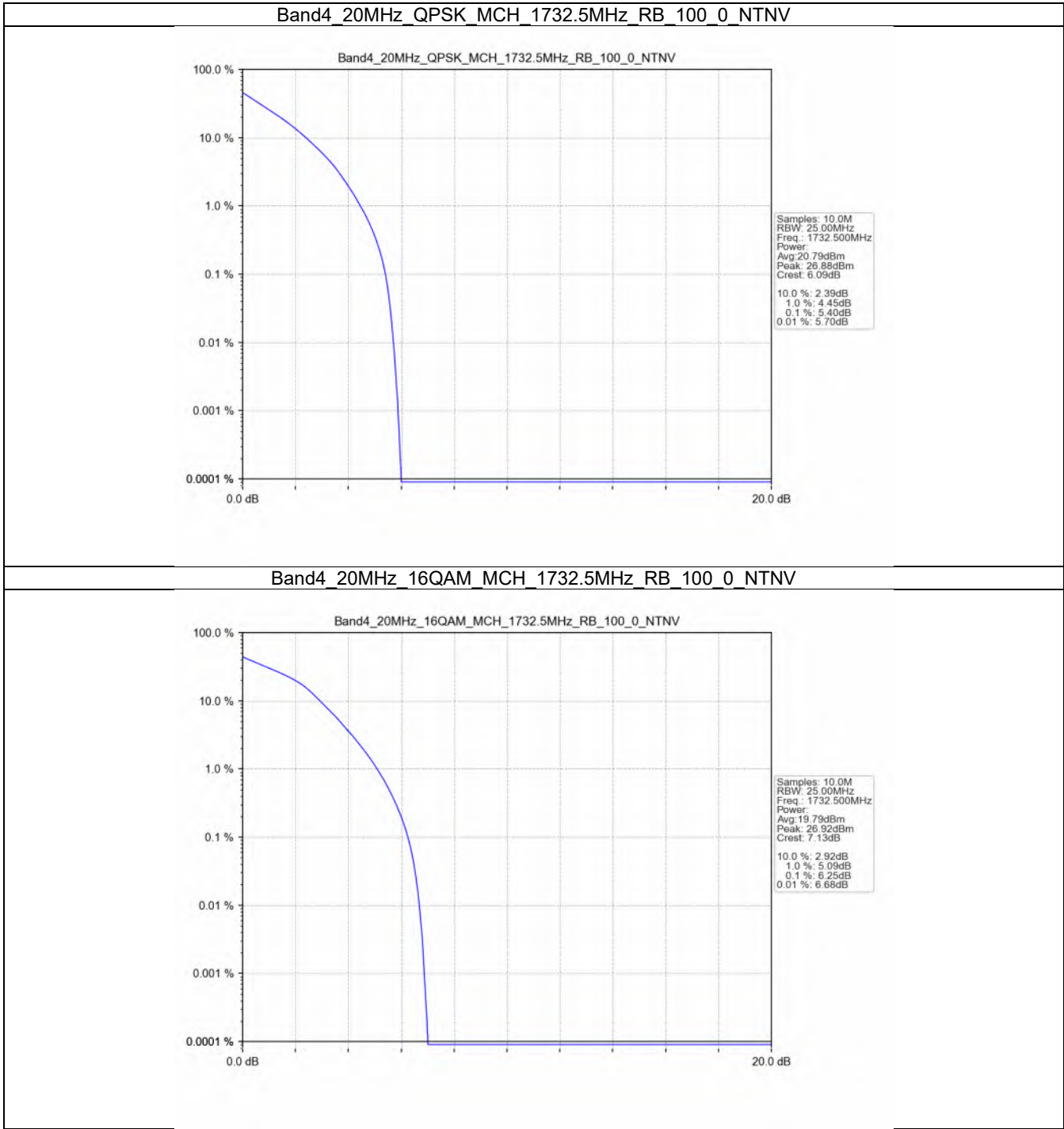
### 4.1 Test Result

#### 4.1.1 B4\_20MHz

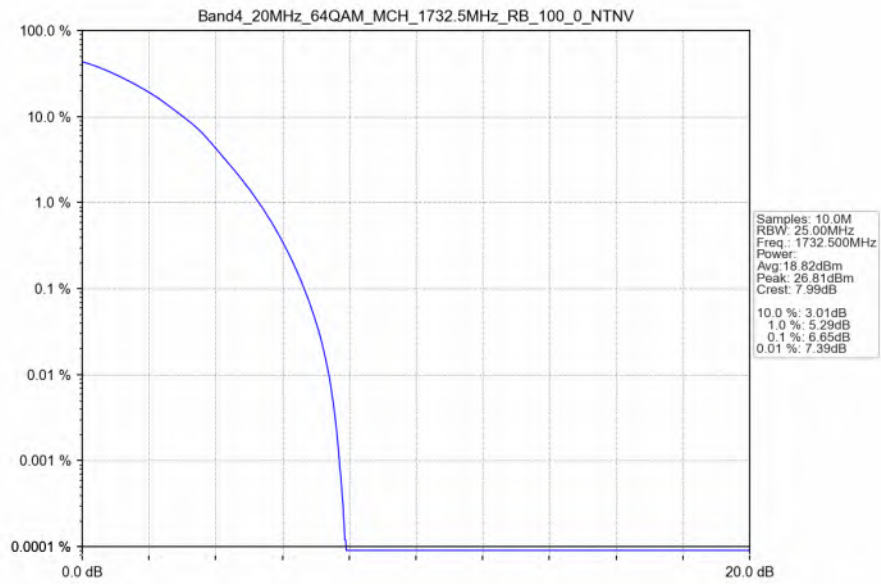
| Band: 4 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1732.5          | 100           | 0      | 5.40                    | <=13  | Pass    |
| 16QAM                             | 1732.5          | 100           | 0      | 6.25                    | <=13  | Pass    |
| 64QAM                             | 1732.5          | 100           | 0      | 6.65                    | <=13  | Pass    |
| 256QAM                            | 1732.5          | 100           | 0      | 6.88                    | <=13  | Pass    |

4.2 Test Graph

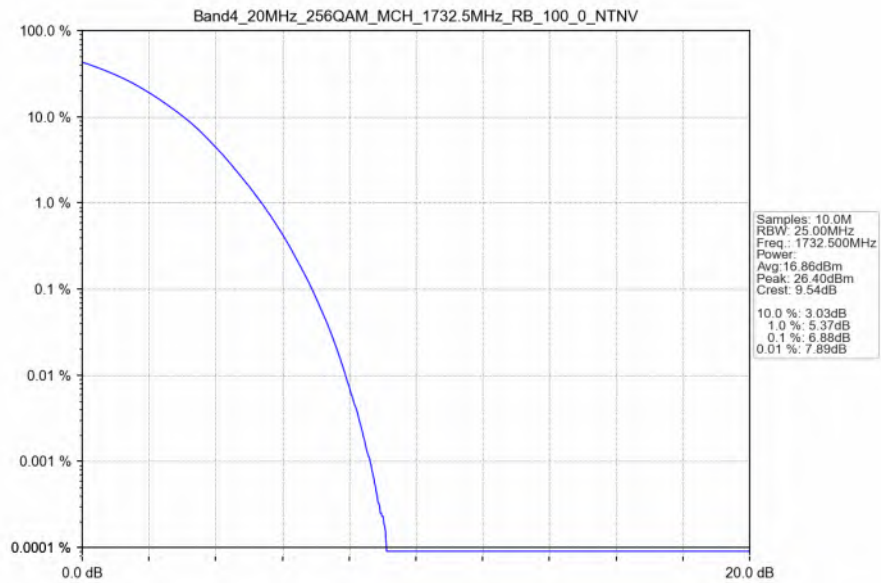
4.2.1 B4\_20MHz



Band4 20MHz 64QAM MCH 1732.5MHz RB 100 0 NTNV



Band4 20MHz 256QAM MCH 1732.5MHz RB 100 0 NTNV



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B4\_1.4MHz

| Band: 4 / Bandwidth: 1.4MHz / NTV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |
|                                   | 1732.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1754.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                   |                 | 6             | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.2 B4\_3MHz

| Band: 4 / Bandwidth: 3MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |
|                                  | 1732.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1753.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.3 B4\_5MHz

| Band: 4 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |
|                                  | 1732.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1752.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.4 B4\_10MHz

| Band: 4 / Bandwidth: 10MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |
|                                  | 1732.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1750            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                  |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

### 5.1.5 B4\_15MHz

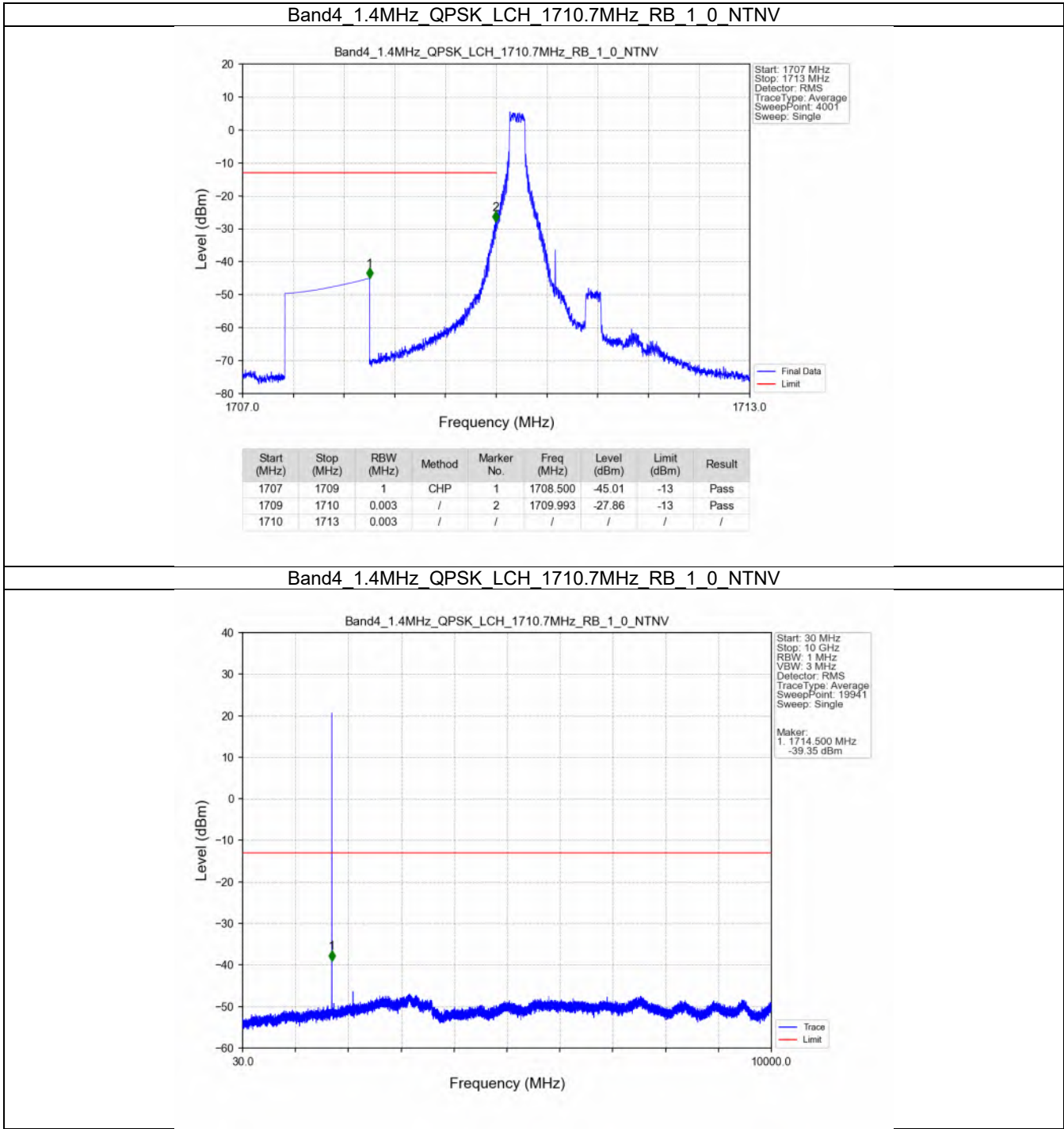
| Band: 4 / Bandwidth: 15MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1717.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1732.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1747.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                  |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

### 5.1.6 B4\_20MHz

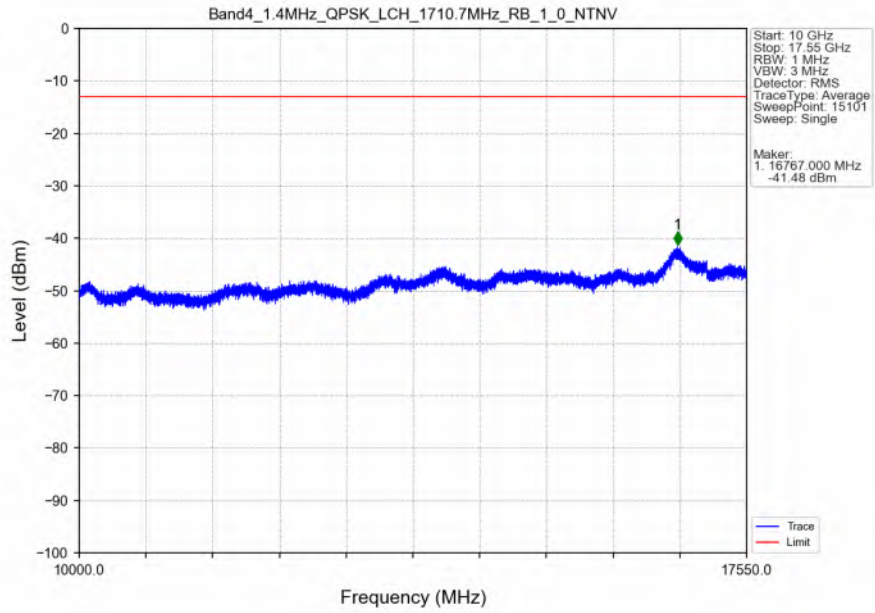
| Band: 4 / Bandwidth: 20MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1720            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1732.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                  |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

5.2 Test Graph

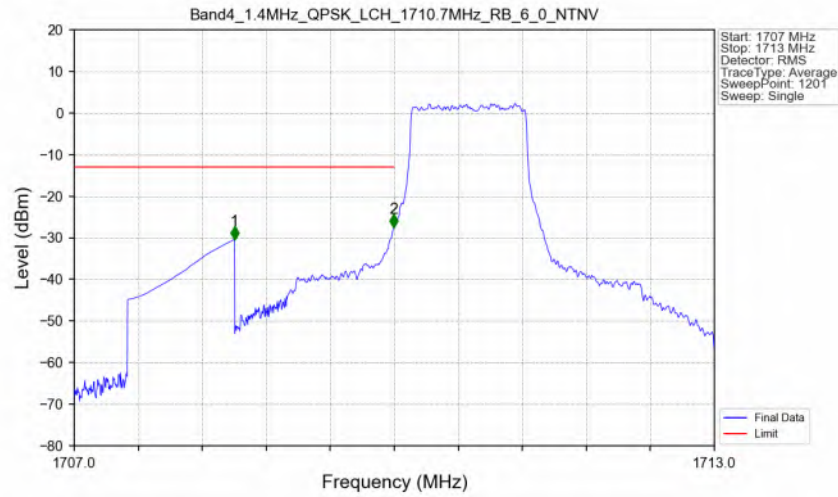
5.2.1 B4\_1.4MHz



# Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

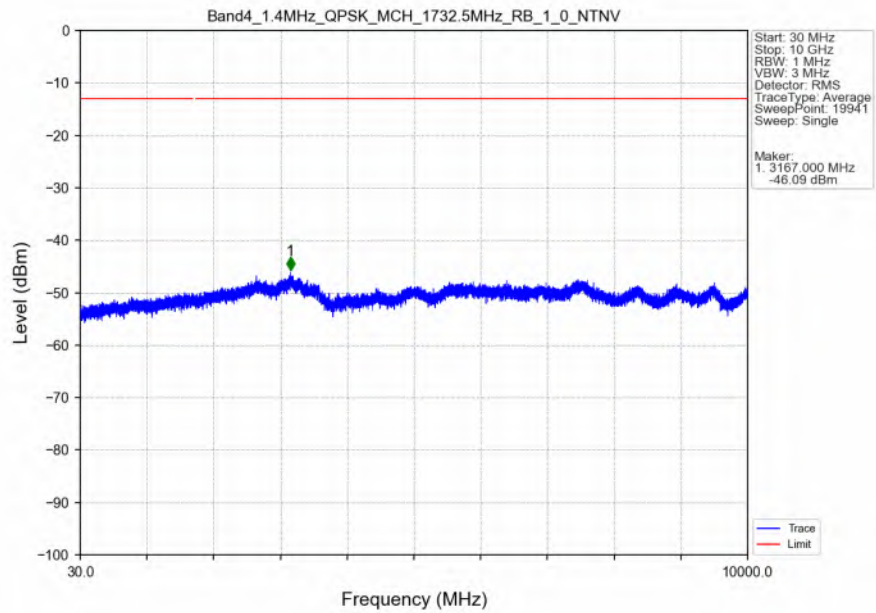


# Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

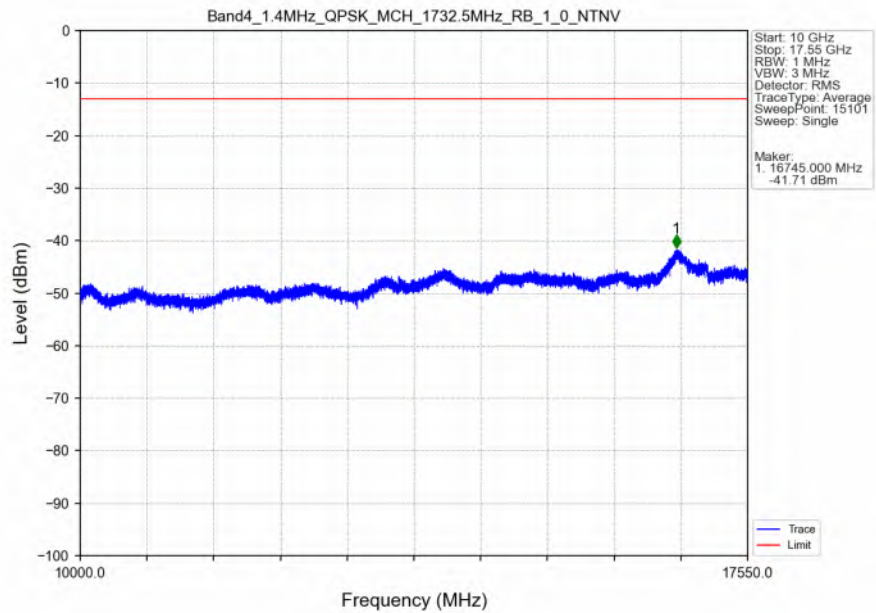


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -30.36      | -13         | Pass   |
| 1709        | 1710       | 0.014     | CHP    | 2          | 1709.995   | -27.44      | -13         | Pass   |
| 1710        | 1713       | 0.014     | CHP    | /          | /          | /           | /           | /      |

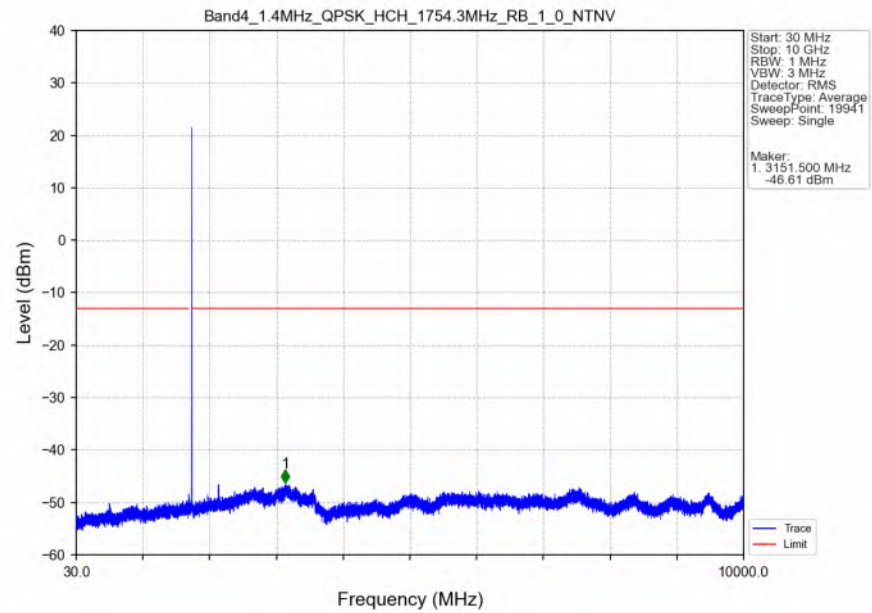
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



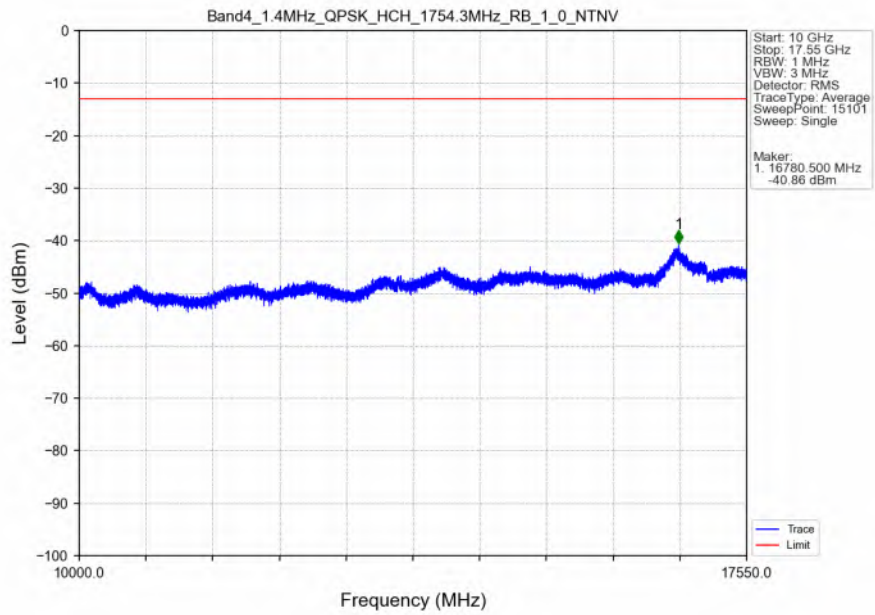
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



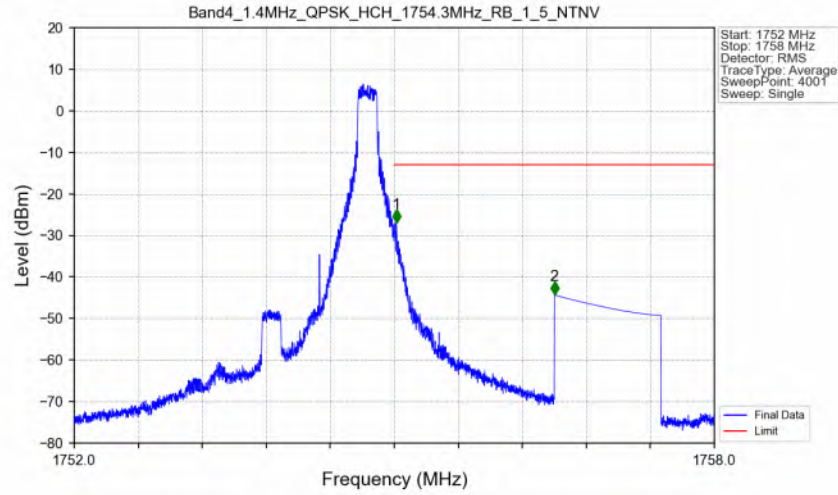
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV

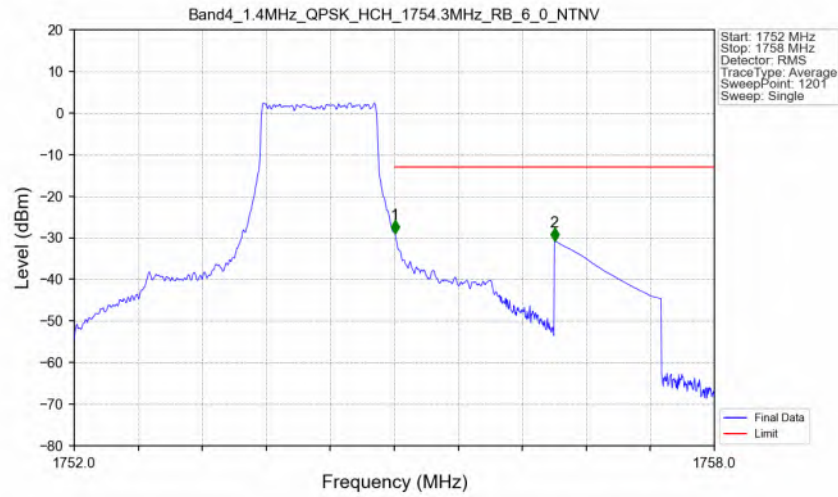


# Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



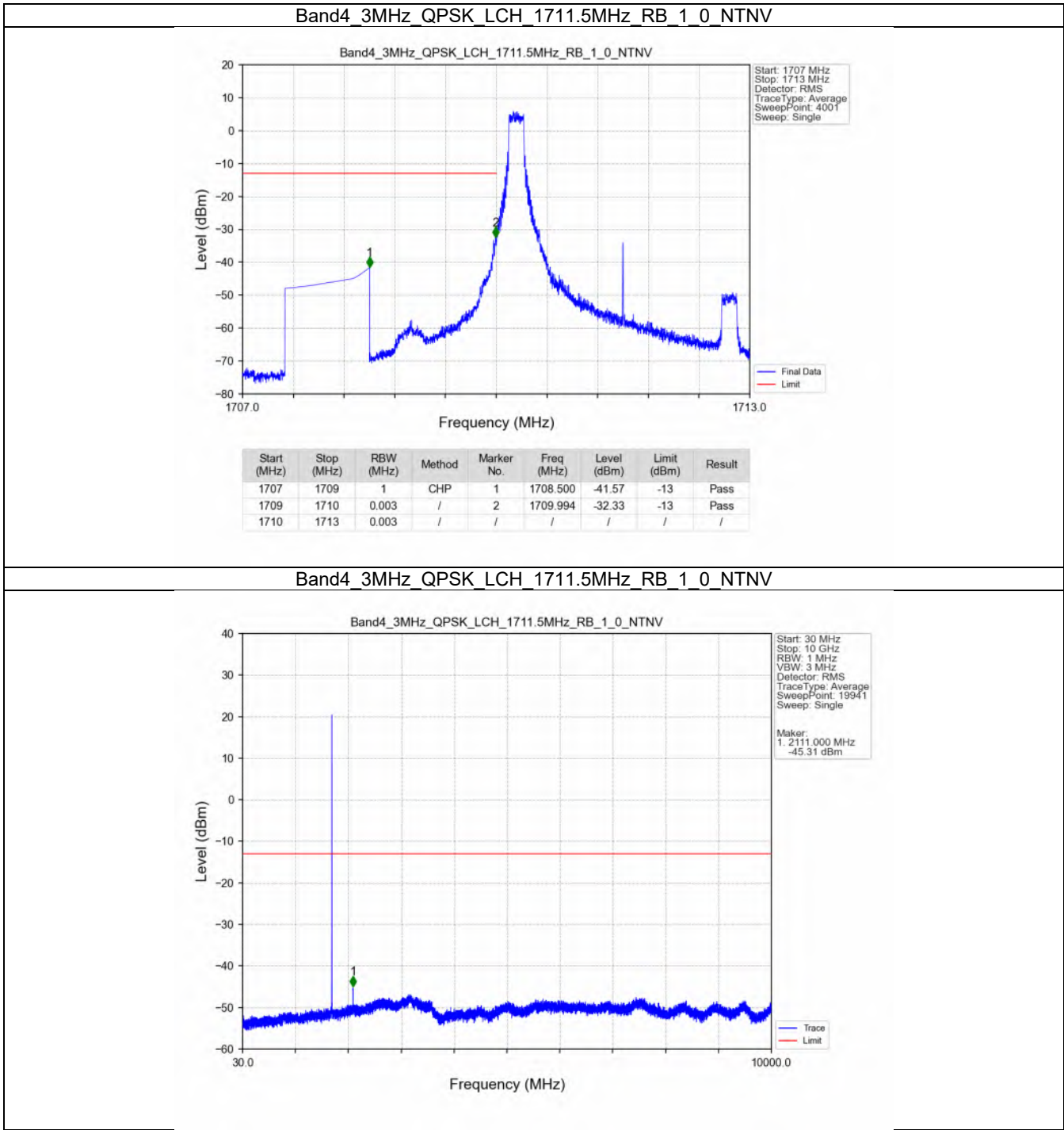
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1752        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.018   | -26.93      | -13         | Pass   |
| 1756        | 1758       | 1         | CHP    | 2          | 1756.500   | -44.33      | -13         | Pass   |

# Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV

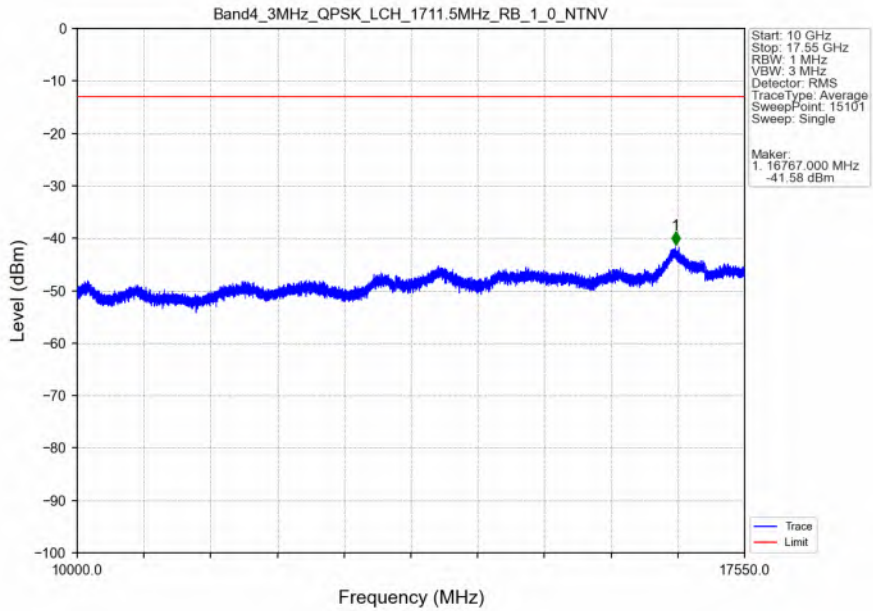


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1752        | 1755       | 0.014     | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.014     | CHP    | 1          | 1755.005   | -28.89      | -13         | Pass   |
| 1756        | 1758       | 1         | CHP    | 2          | 1756.500   | -30.68      | -13         | Pass   |

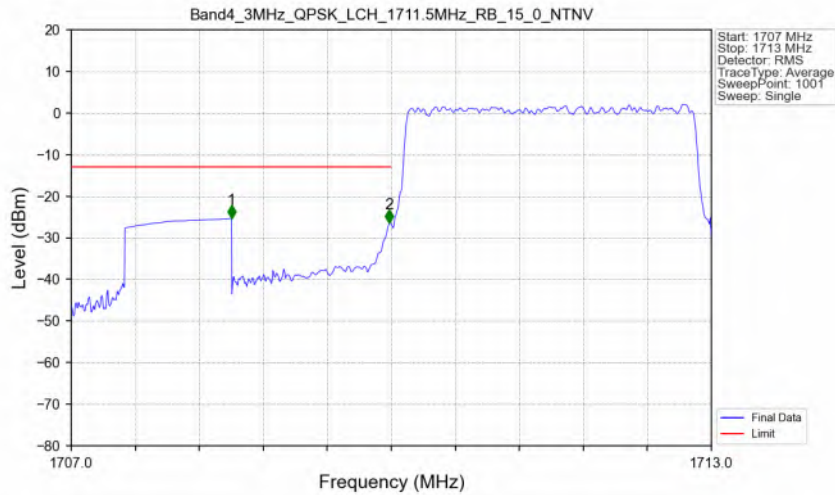
5.2.2 B4\_3MHz



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV

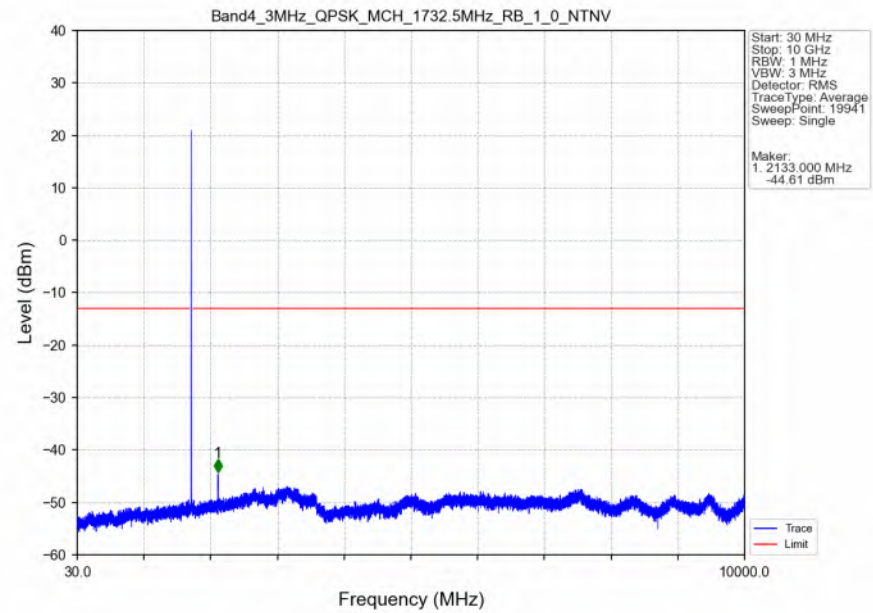


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV

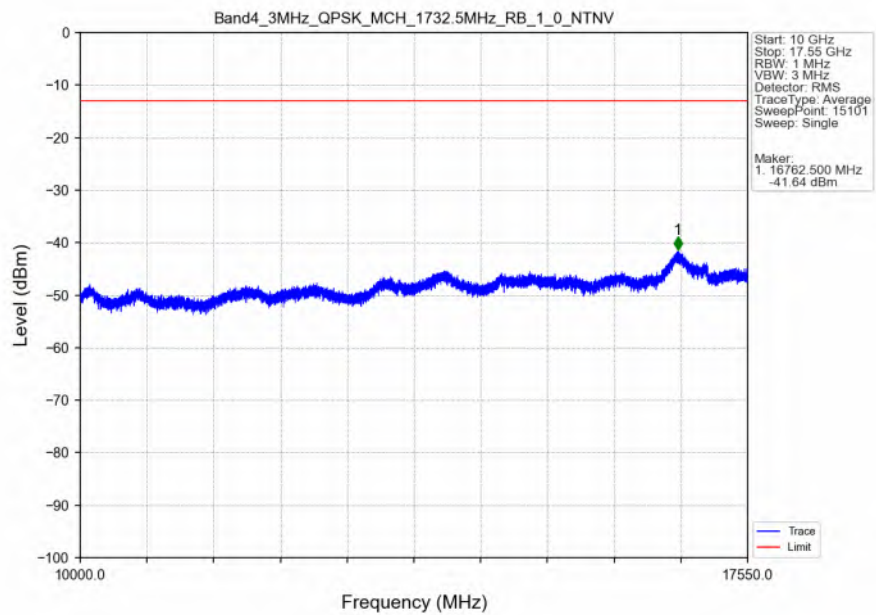


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -25.33      | -13         | Pass   |
| 1709        | 1710       | 0.031     | CHP    | 2          | 1709.982   | -26.37      | -13         | Pass   |
| 1710        | 1713       | 0.031     | CHP    | /          | /          | /           | /           | /      |

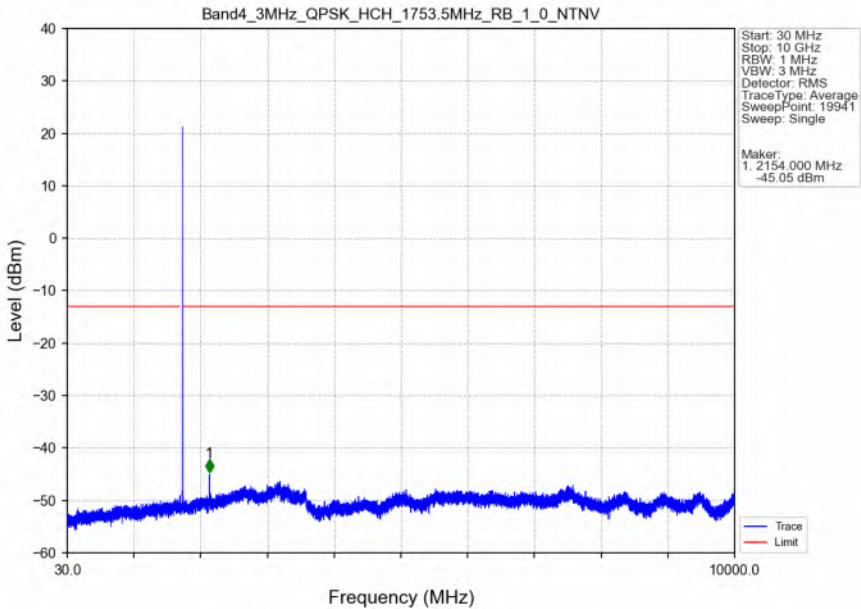
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



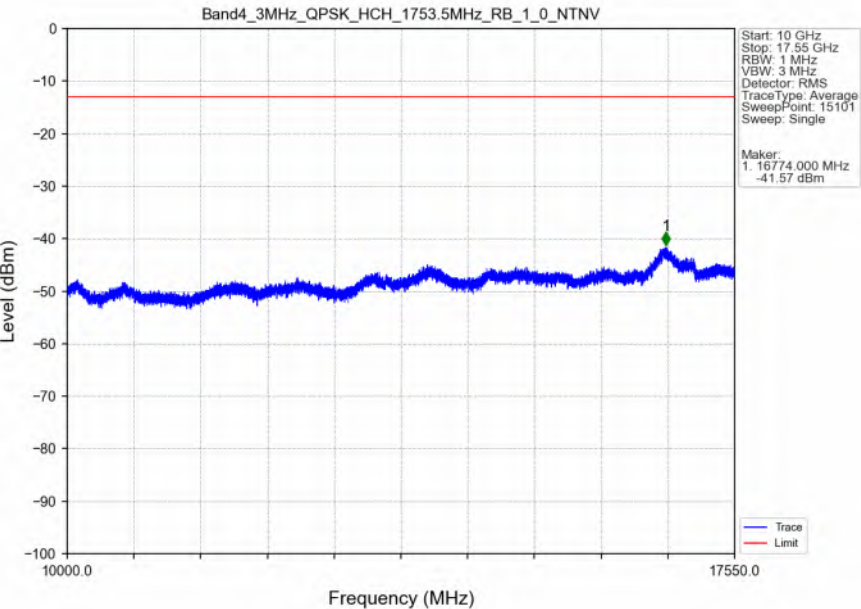
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



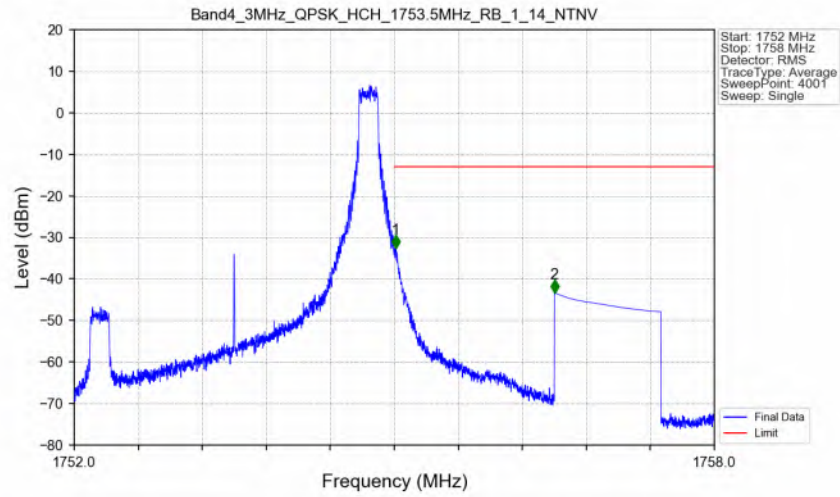
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN

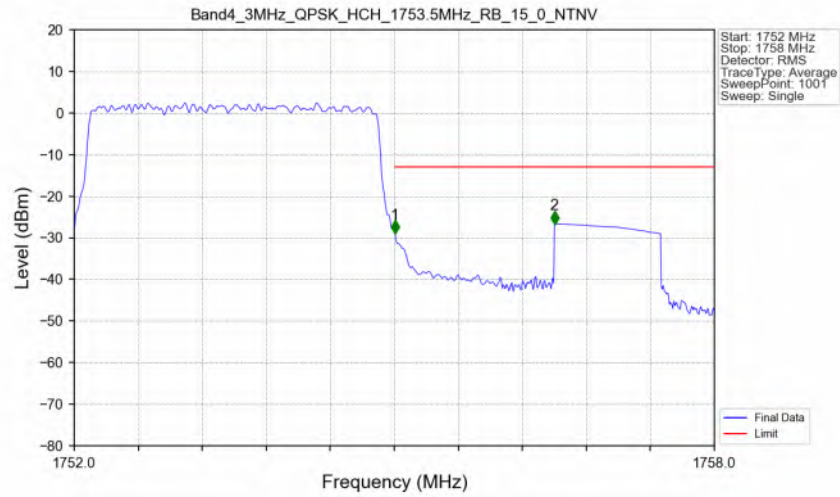


### Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



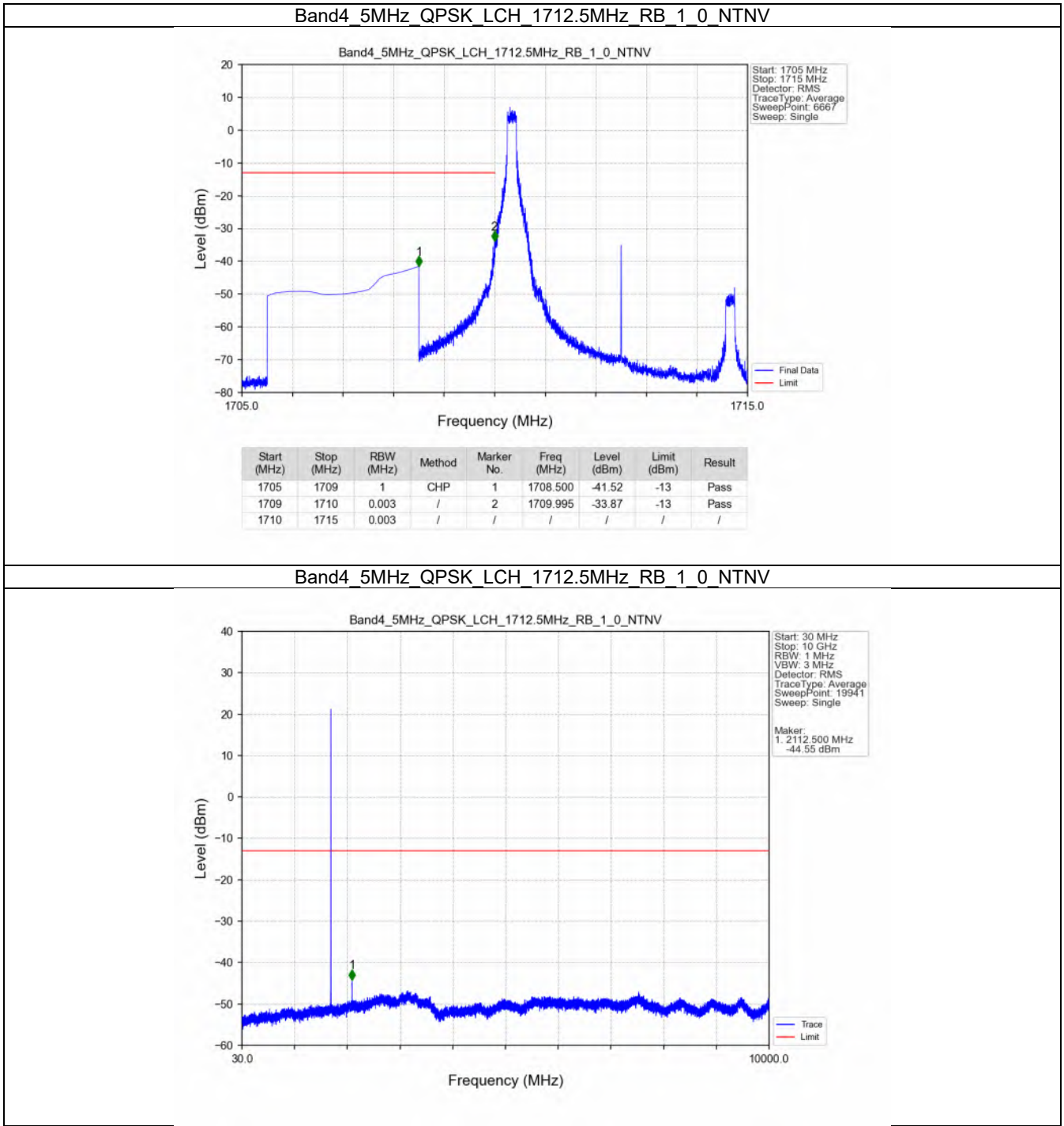
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1752        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.014   | -32.55      | -13         | Pass   |
| 1756        | 1758       | 1         | CHP    | 2          | 1756.500   | -43.34      | -13         | Pass   |

### Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV

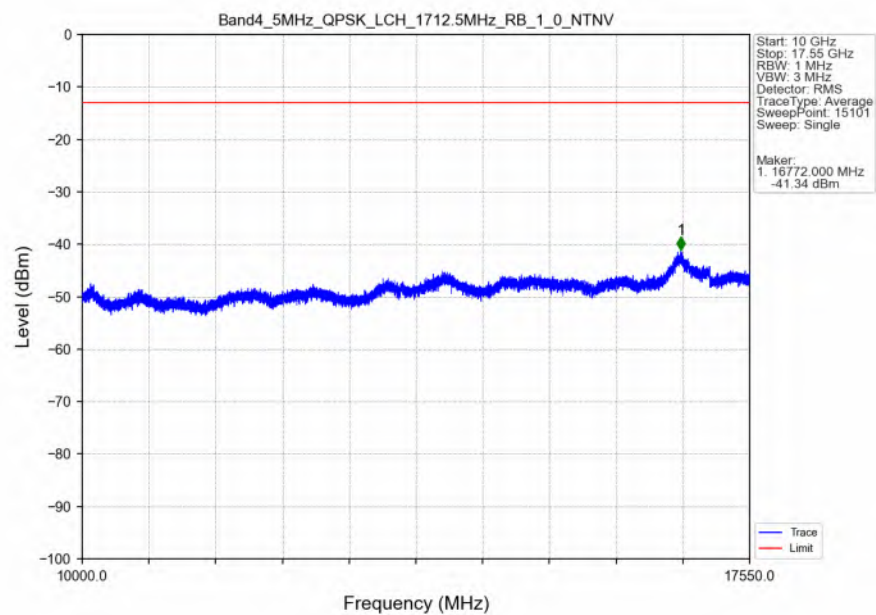


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1752        | 1755       | 0.031     | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.031     | CHP    | 1          | 1755.006   | -28.97      | -13         | Pass   |
| 1756        | 1758       | 1         | CHP    | 2          | 1756.500   | -26.67      | -13         | Pass   |

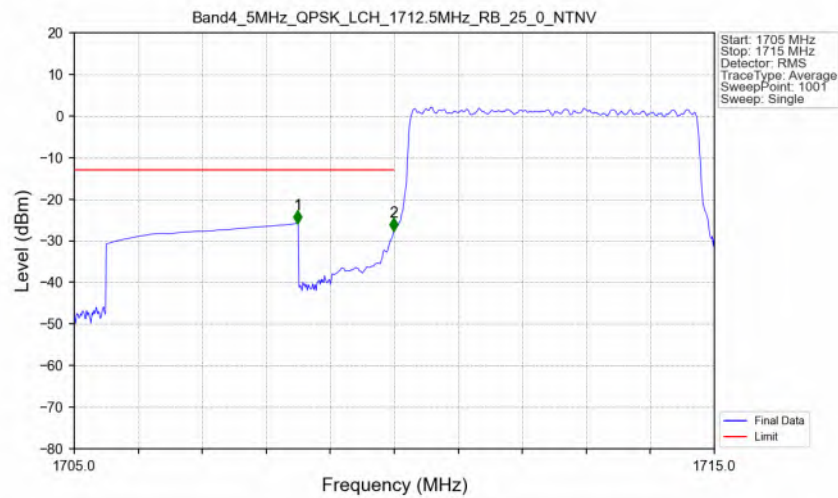
5.2.3 B4\_5MHz



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV

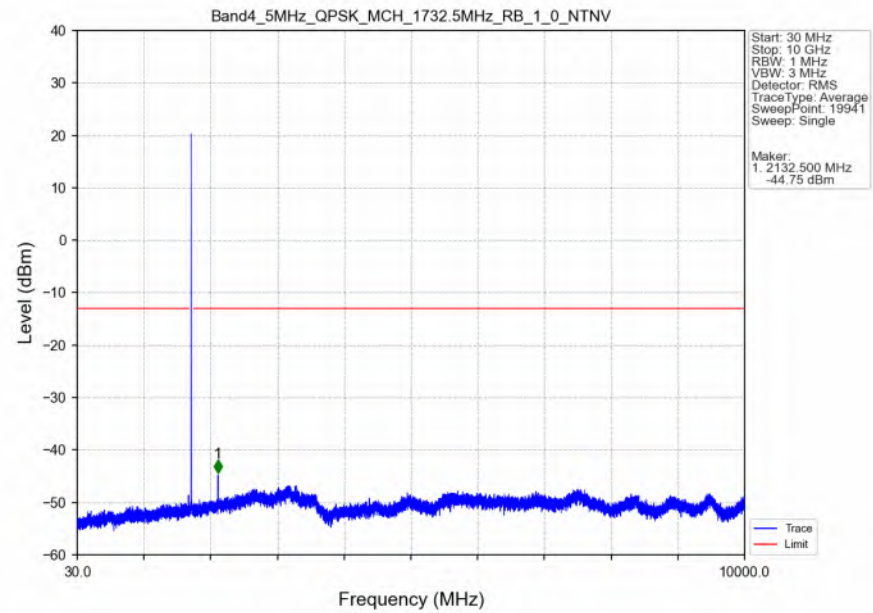


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

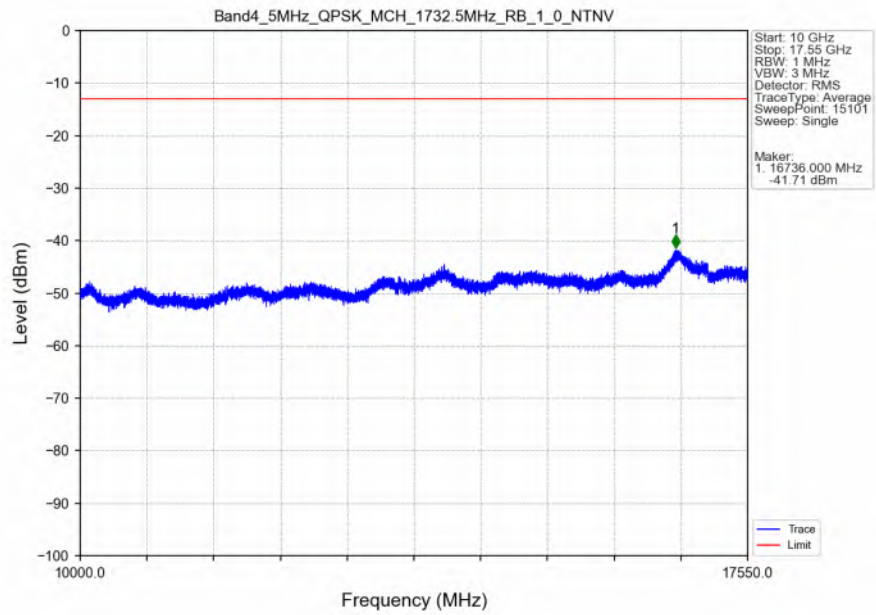


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | CHP    | 1          | 1708.490   | -25.79      | -13         | Pass   |
| 1709        | 1710       | 0.052     | CHP    | 2          | 1709.990   | -27.66      | -13         | Pass   |
| 1710        | 1715       | 0.052     | CHP    | /          | /          | /           | /           | /      |

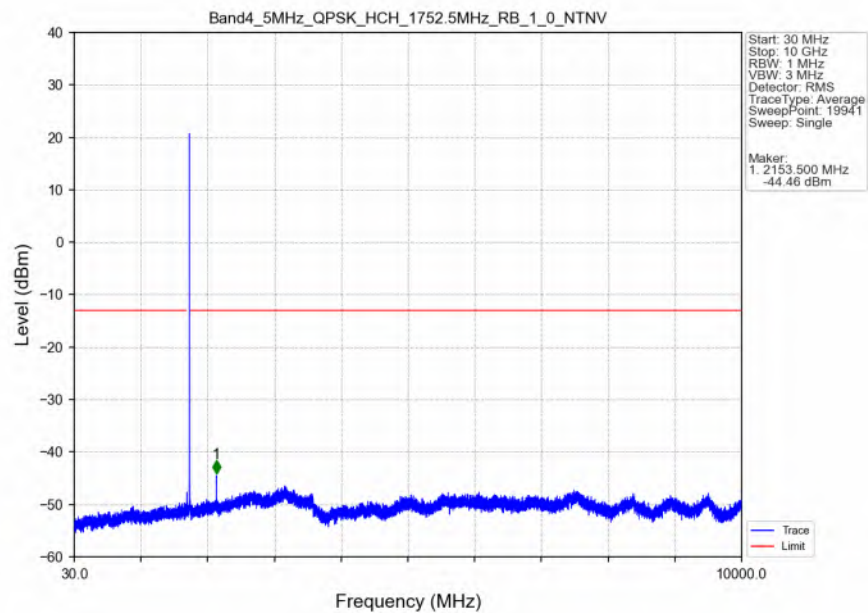
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



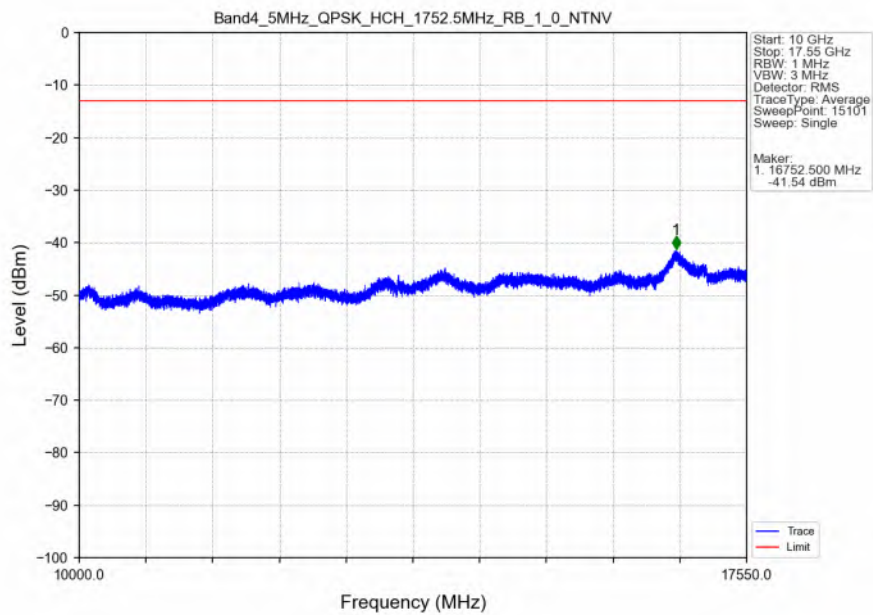
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



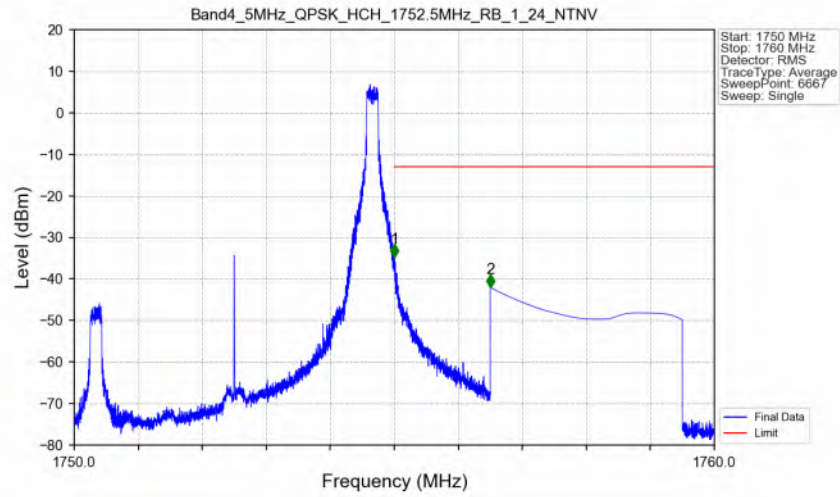
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN

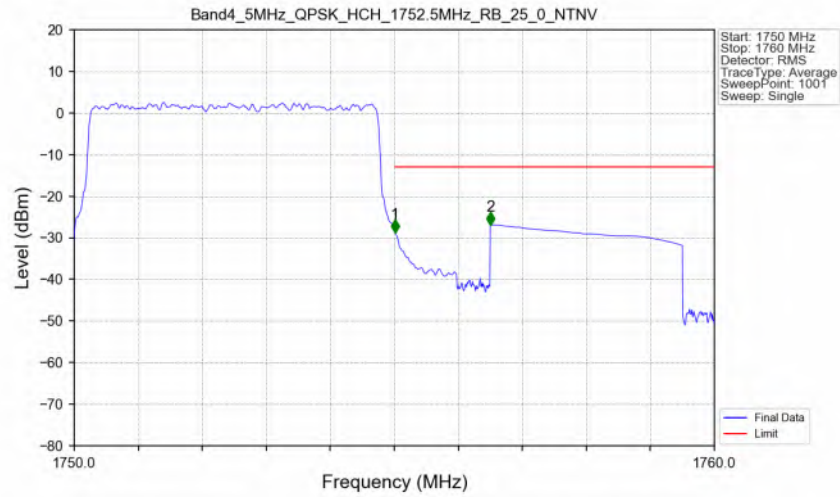


### Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



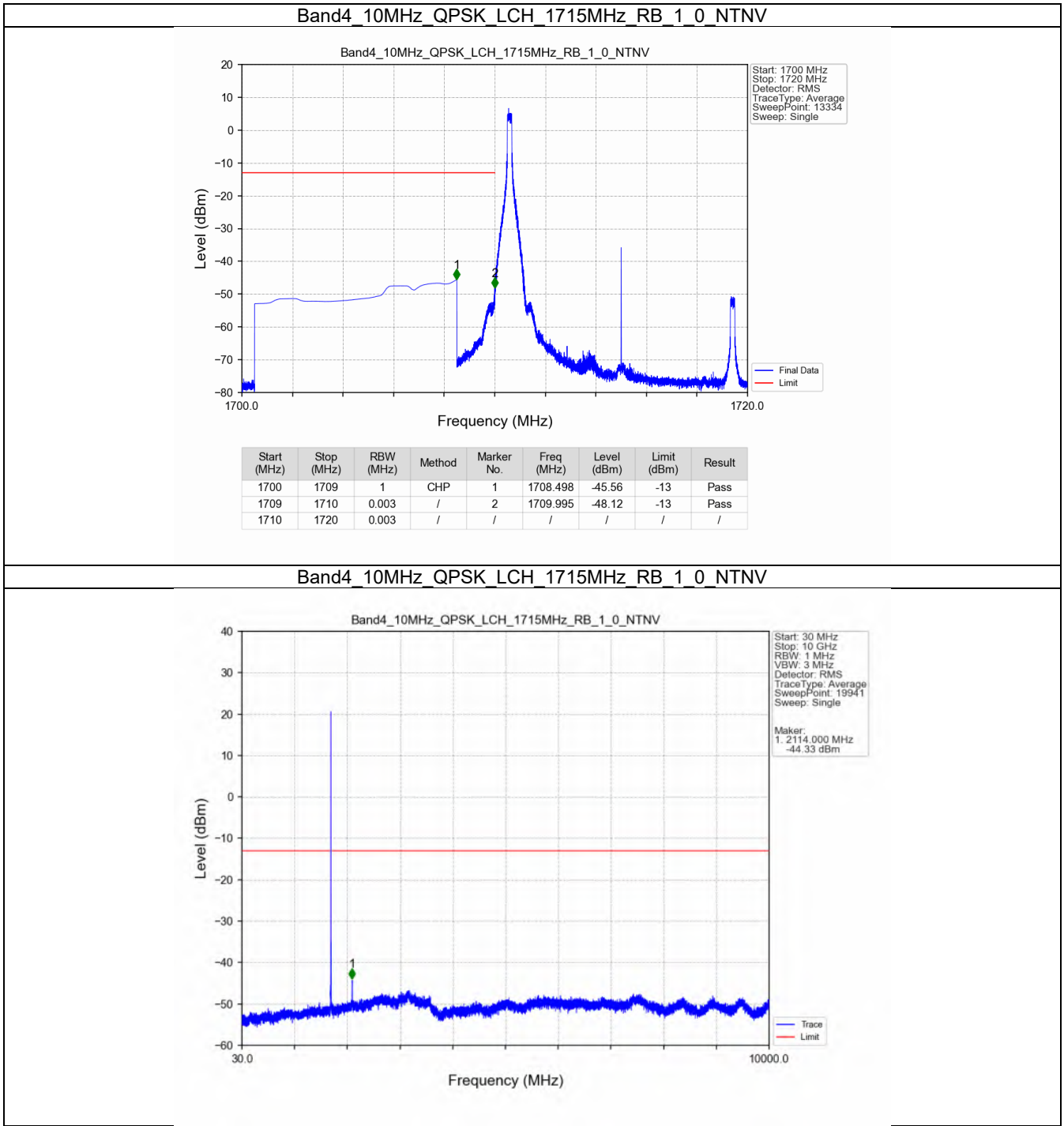
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1750        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.002   | -34.79      | -13         | Pass   |
| 1756        | 1760       | 1         | CHP    | 2          | 1756.500   | -42.03      | -13         | Pass   |

### Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV

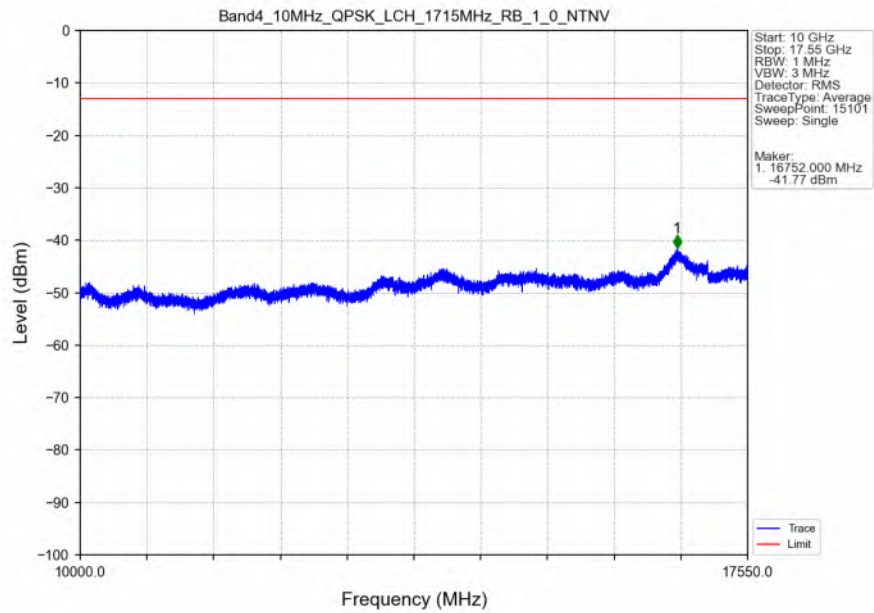


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1750        | 1755       | 0.053     | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.053     | CHP    | 1          | 1755.010   | -28.79      | -13         | Pass   |
| 1756        | 1760       | 1         | CHP    | 2          | 1756.500   | -26.89      | -13         | Pass   |

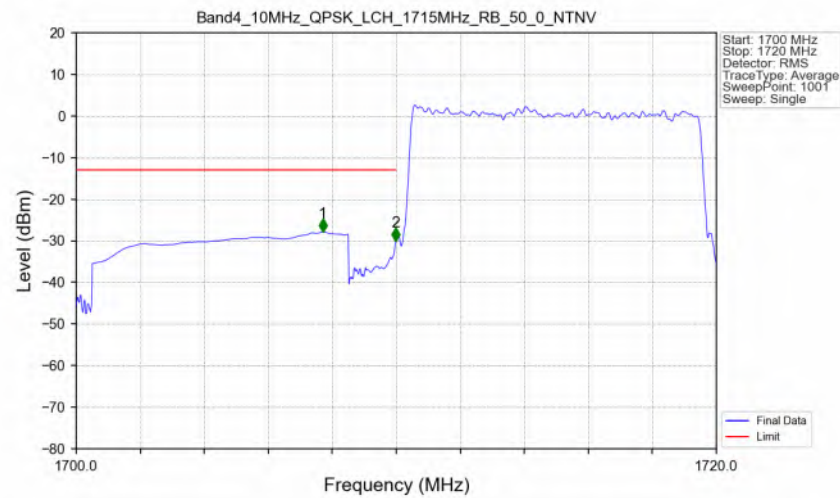
5.2.4 B4\_10MHz



# Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTNV

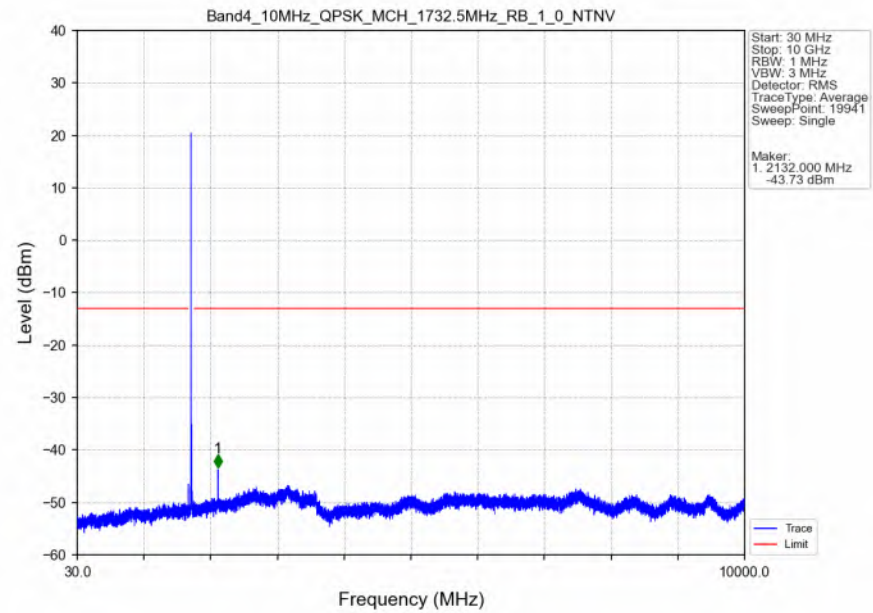


# Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV

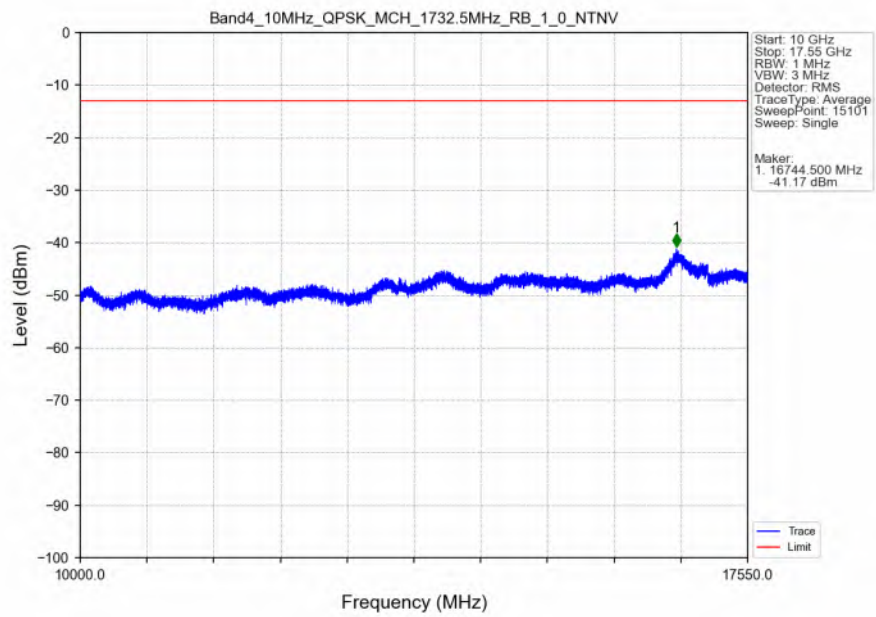


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | CHP    | 1          | 1707.700   | -27.93      | -13         | Pass   |
| 1709        | 1710       | 0.102     | CHP    | 2          | 1709.980   | -30.10      | -13         | Pass   |
| 1710        | 1720       | 0.102     | CHP    | /          | /          | /           | /           | /      |

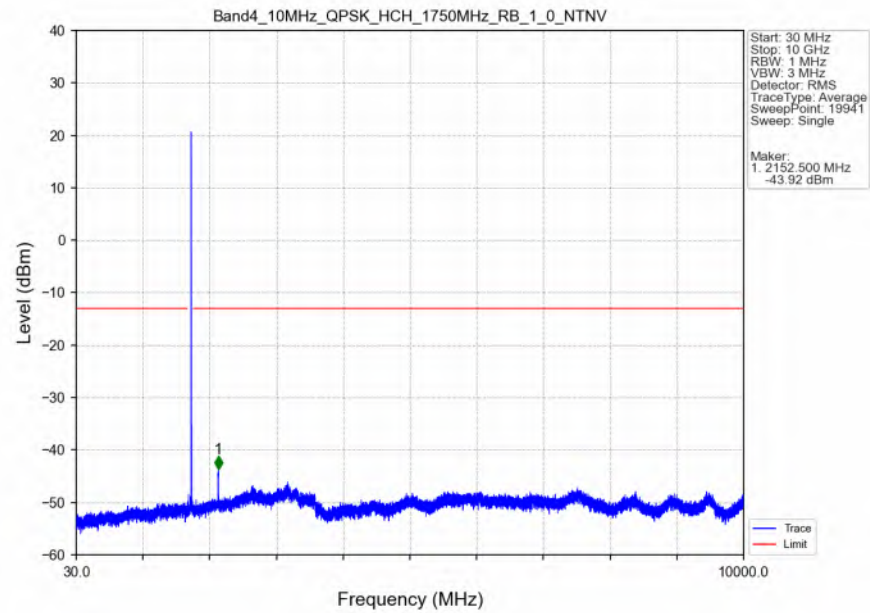
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



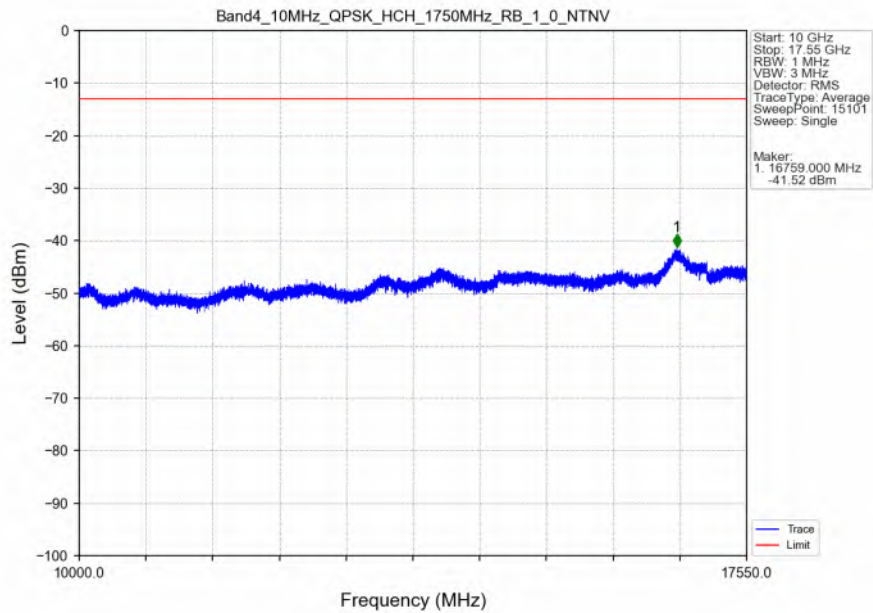
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



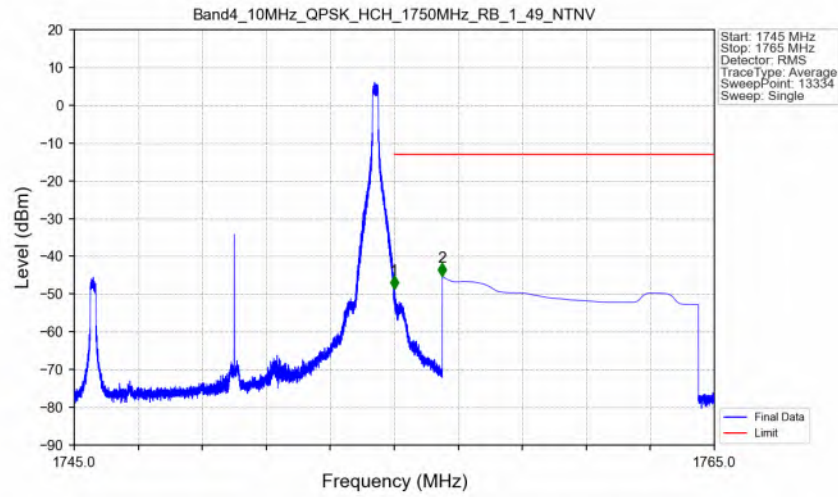
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTN



Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTN

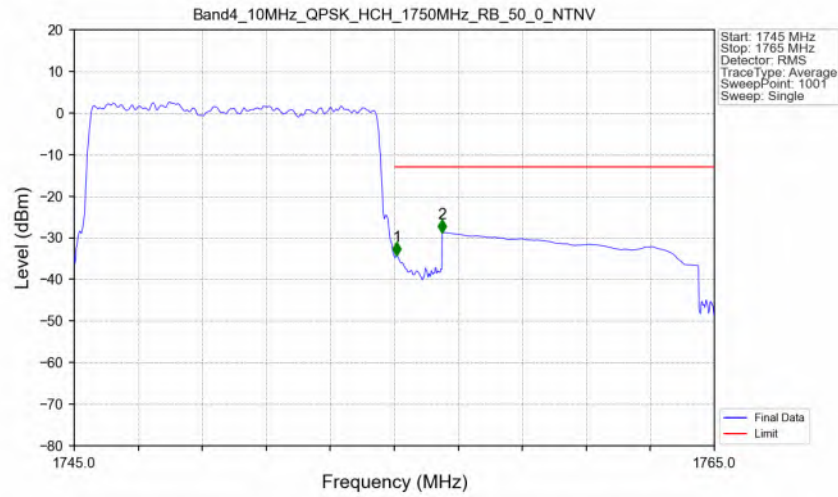


# Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



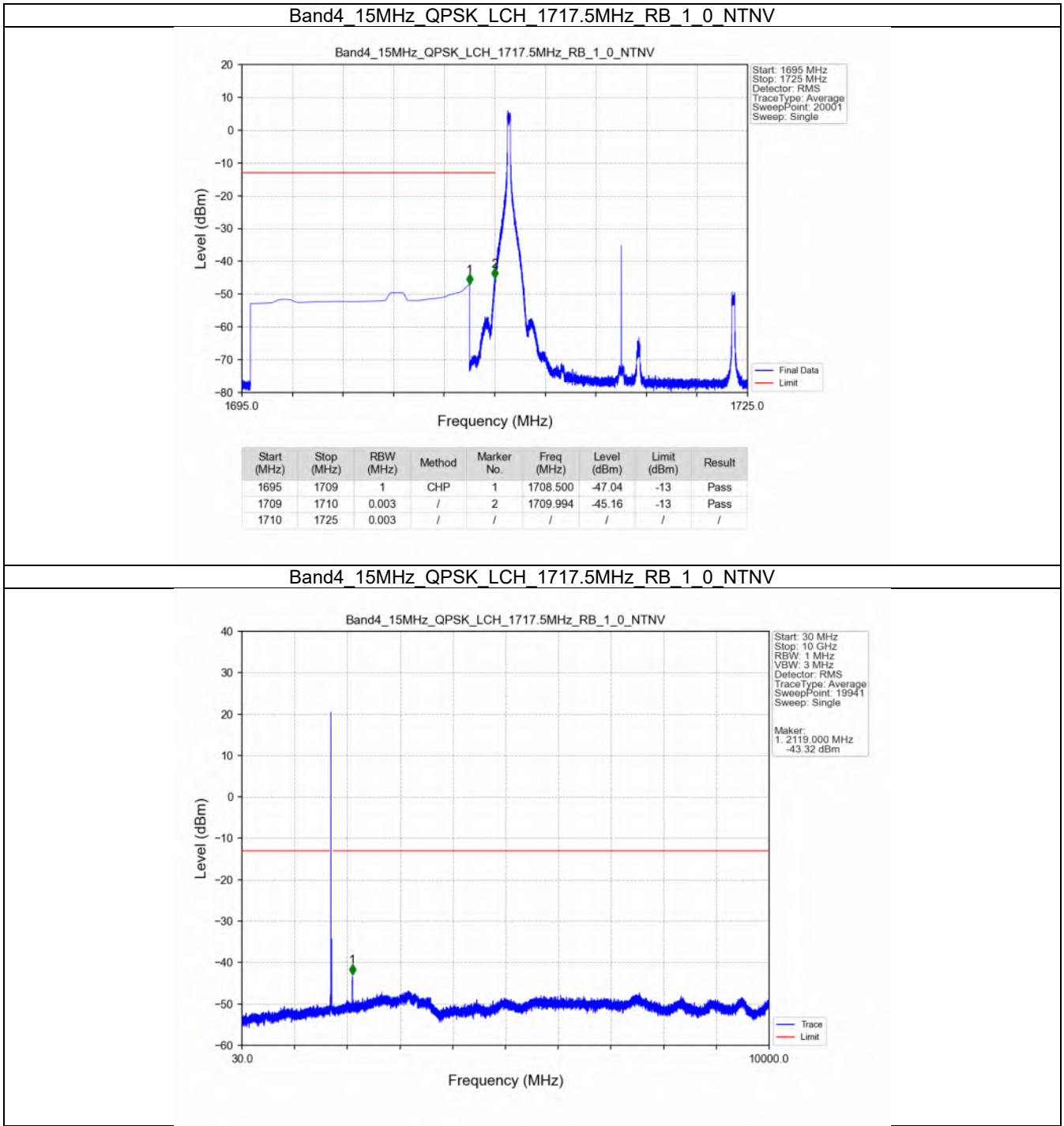
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1745        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.001   | -48.69      | -13         | Pass   |
| 1756        | 1765       | 1         | CHP    | 2          | 1756.501   | -45.34      | -13         | Pass   |

# Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV

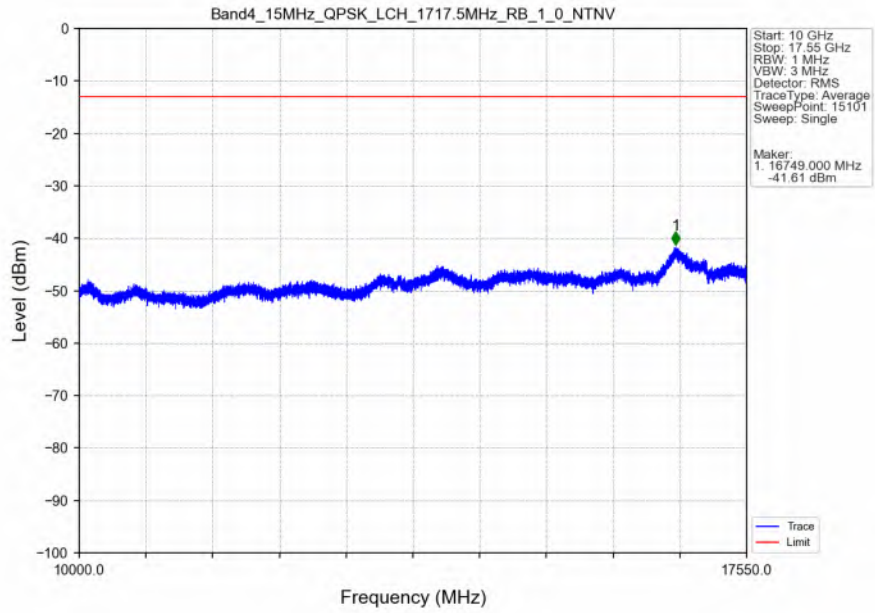


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1745        | 1755       | 0.102     | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.102     | CHP    | 1          | 1755.080   | -34.17      | -13         | Pass   |
| 1756        | 1765       | 1         | CHP    | 2          | 1756.500   | -28.75      | -13         | Pass   |

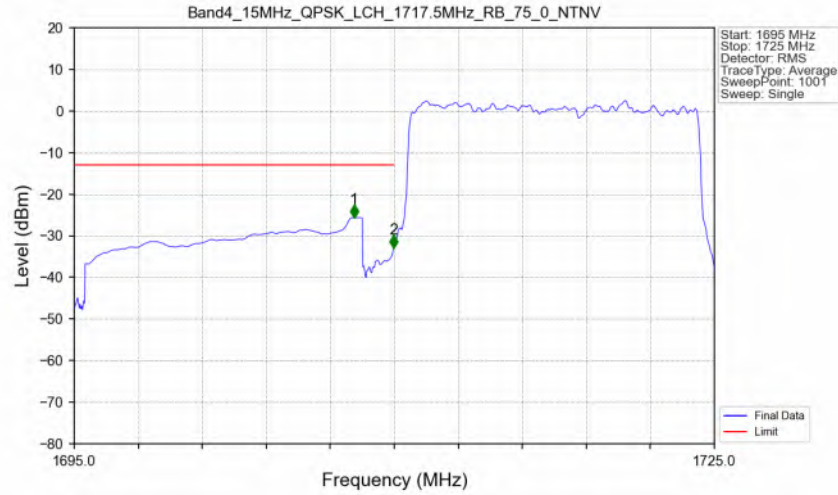
5.2.5 B4\_15MHz



# Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV

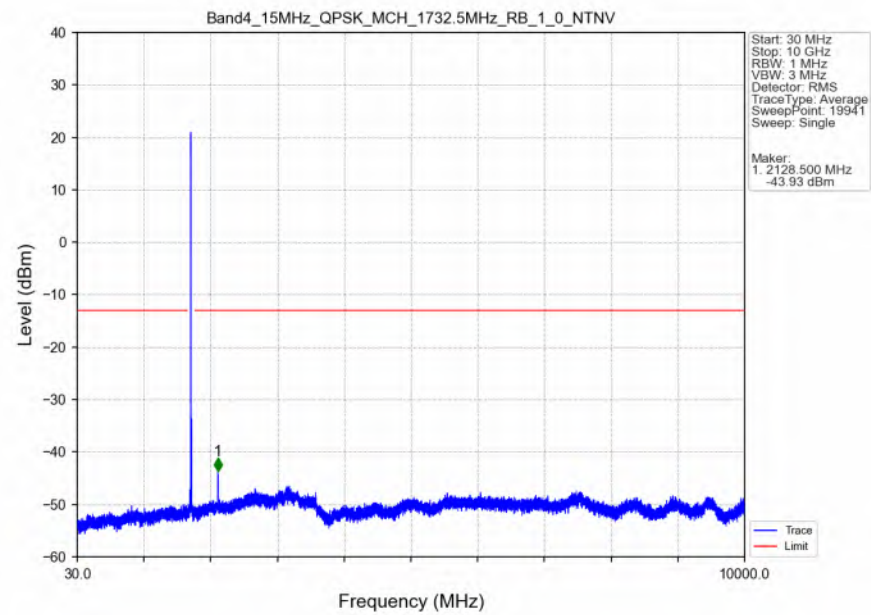


# Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

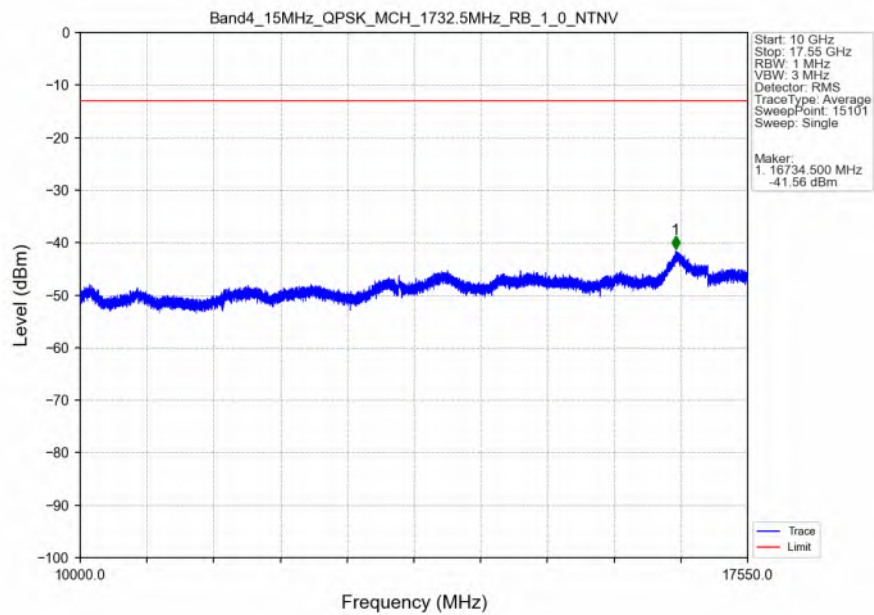


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1695        | 1709       | 1         | CHP    | 1          | 1708.110   | -25.64      | -13         | Pass   |
| 1709        | 1710       | 0.153     | CHP    | 2          | 1709.970   | -32.98      | -13         | Pass   |
| 1710        | 1725       | 0.153     | CHP    | /          | /          | /           | /           | /      |

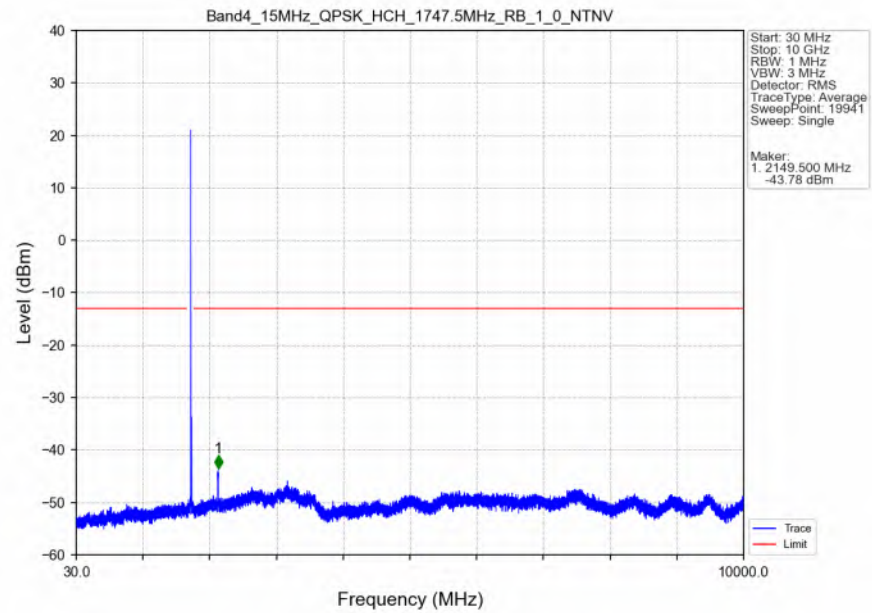
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



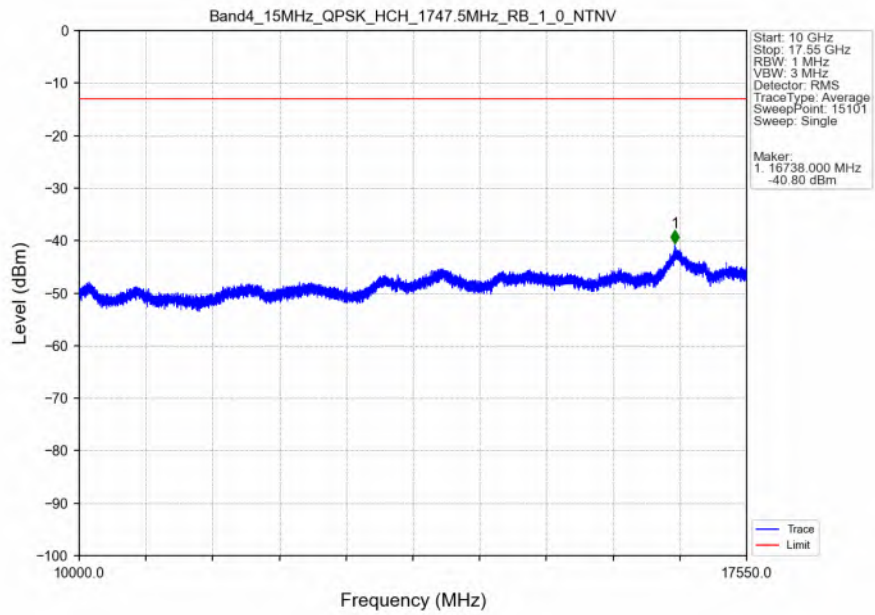
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



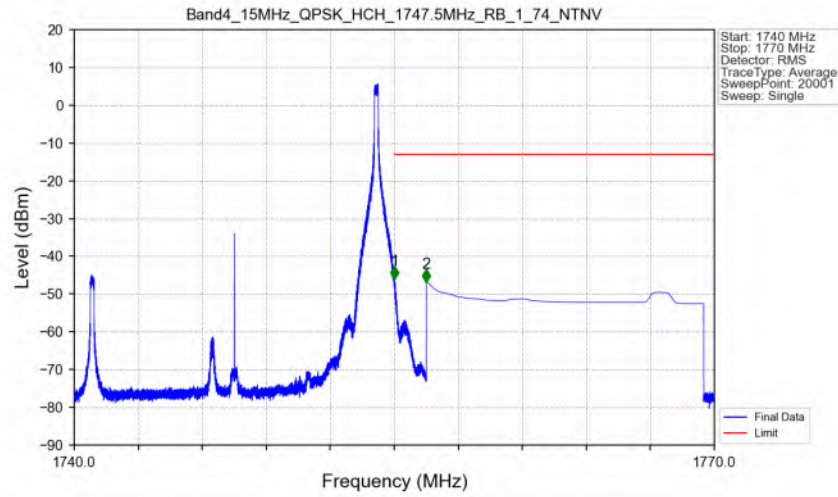
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTNV



Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTNV

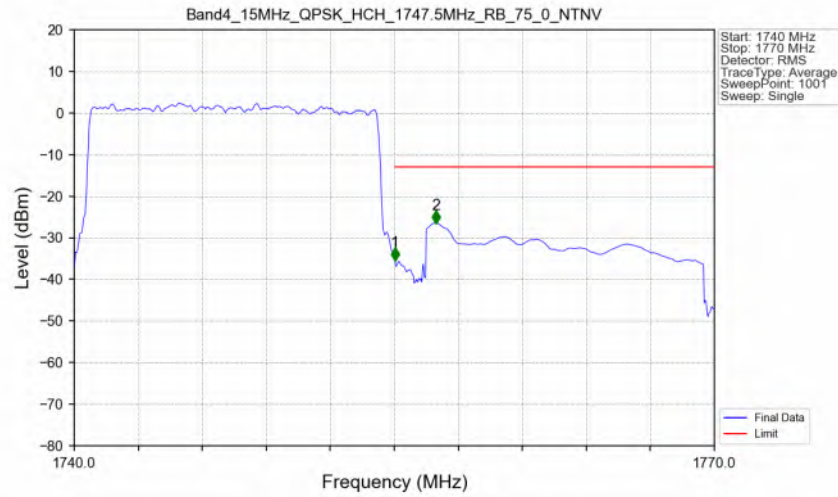


# Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTV



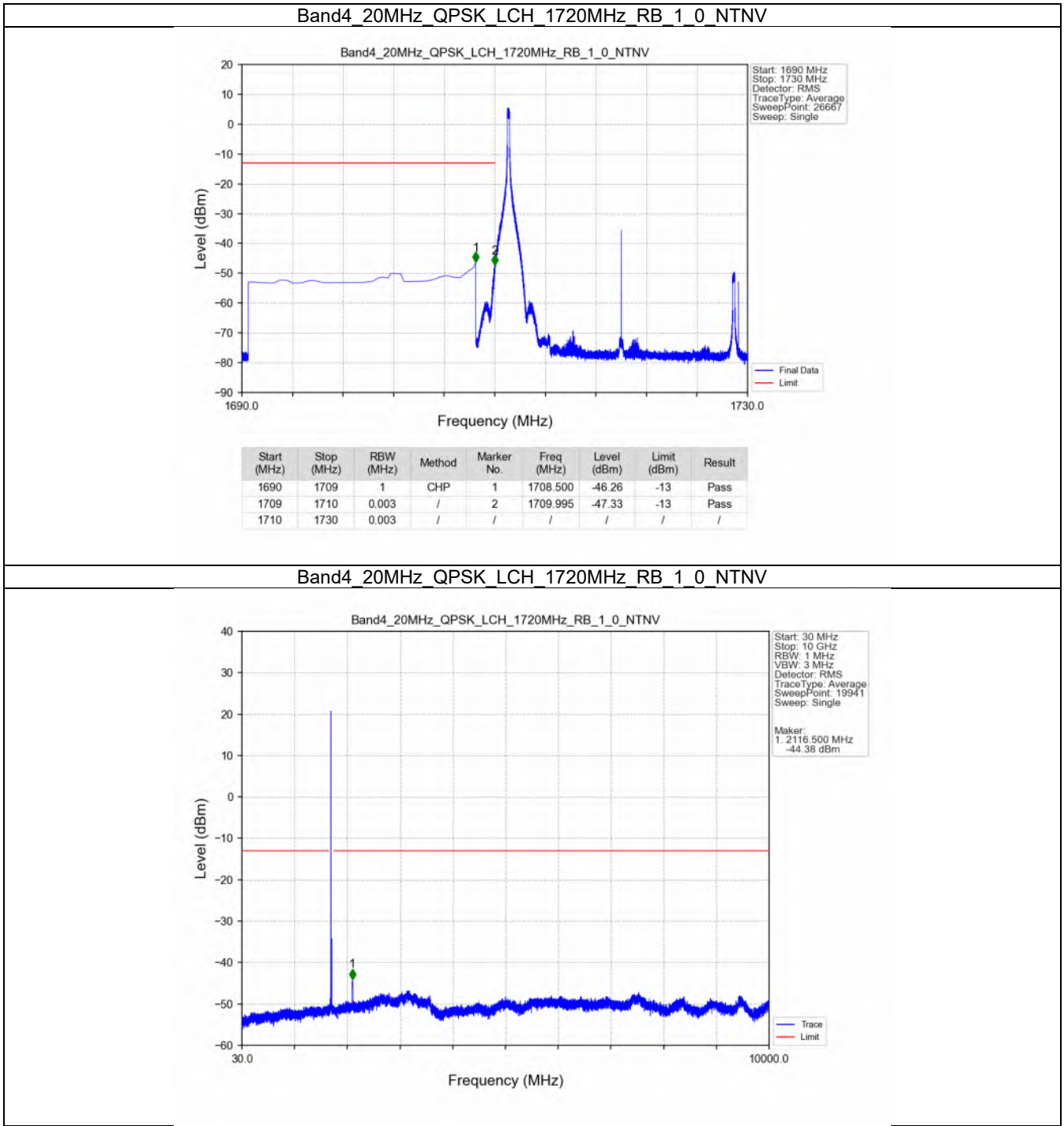
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1740        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.003   | -46.11      | -13         | Pass   |
| 1756        | 1770       | 1         | CHP    | 2          | 1756.500   | -46.77      | -13         | Pass   |

# Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTV

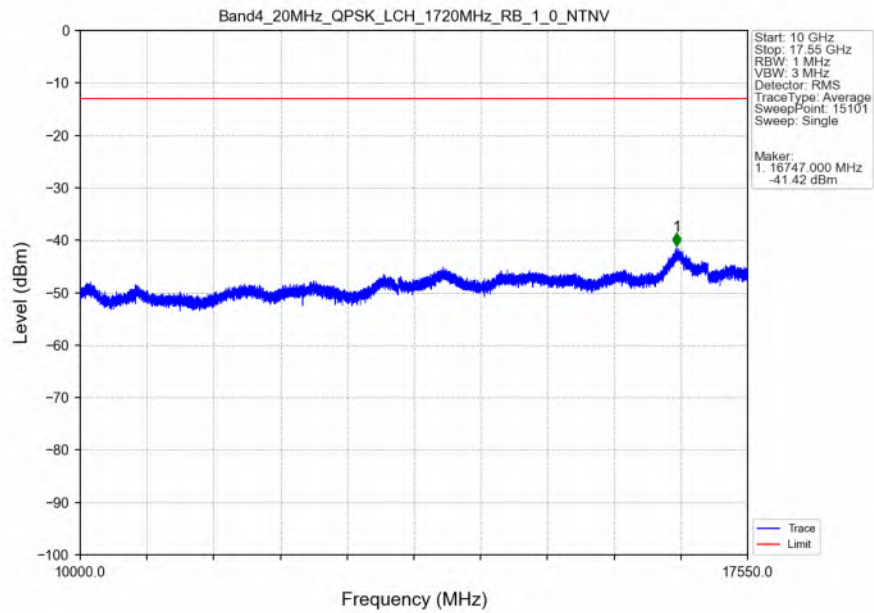


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1740        | 1755       | 0.153     | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.153     | CHP    | 1          | 1755.030   | -35.50      | -13         | Pass   |
| 1756        | 1770       | 1         | CHP    | 2          | 1756.950   | -26.49      | -13         | Pass   |

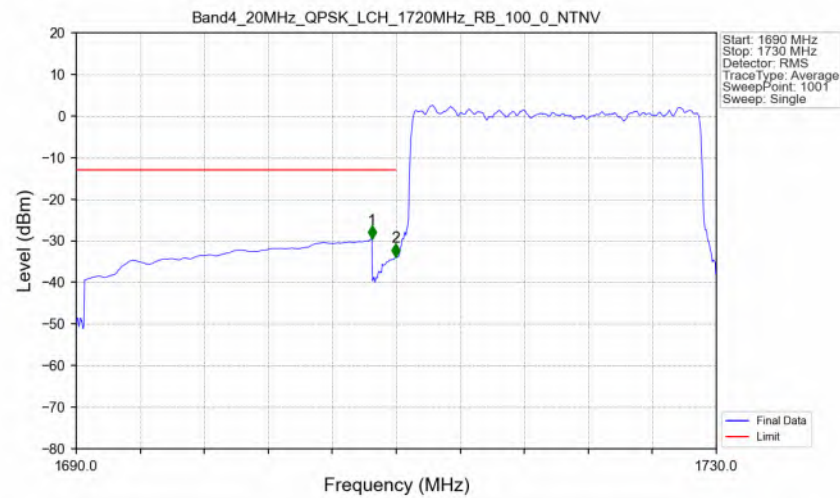
5.2.6 B4\_20MHz



# Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN

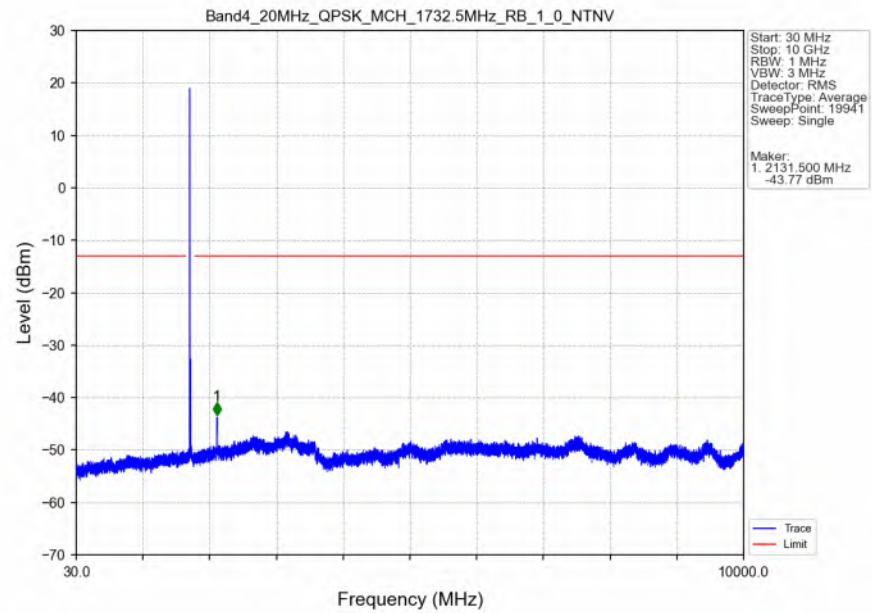


# Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTN

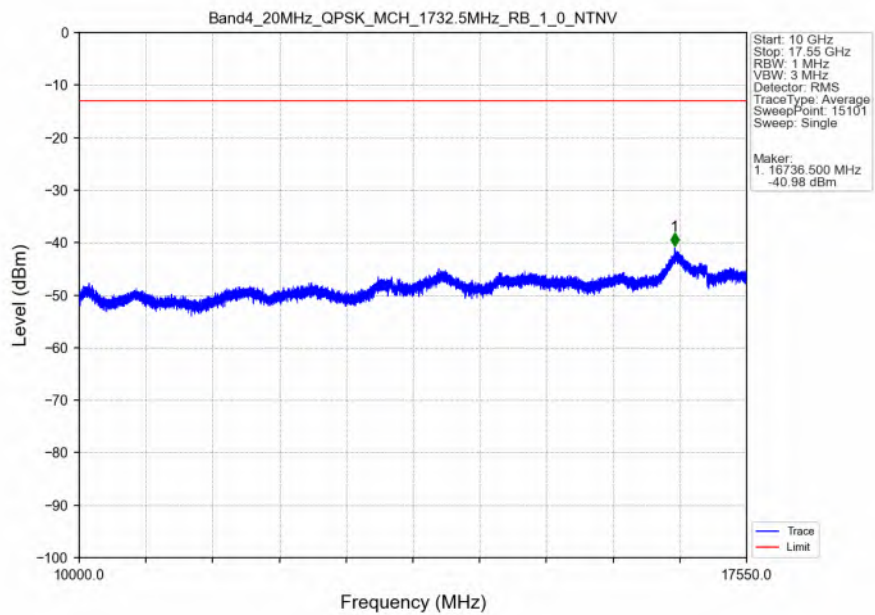


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1690        | 1709       | 1         | CHP    | 1          | 1708.480   | -29.50      | -13         | Pass   |
| 1709        | 1710       | 0.201     | CHP    | 2          | 1709.960   | -33.77      | -13         | Pass   |
| 1710        | 1730       | 0.201     | CHP    | /          | /          | /           | /           | /      |

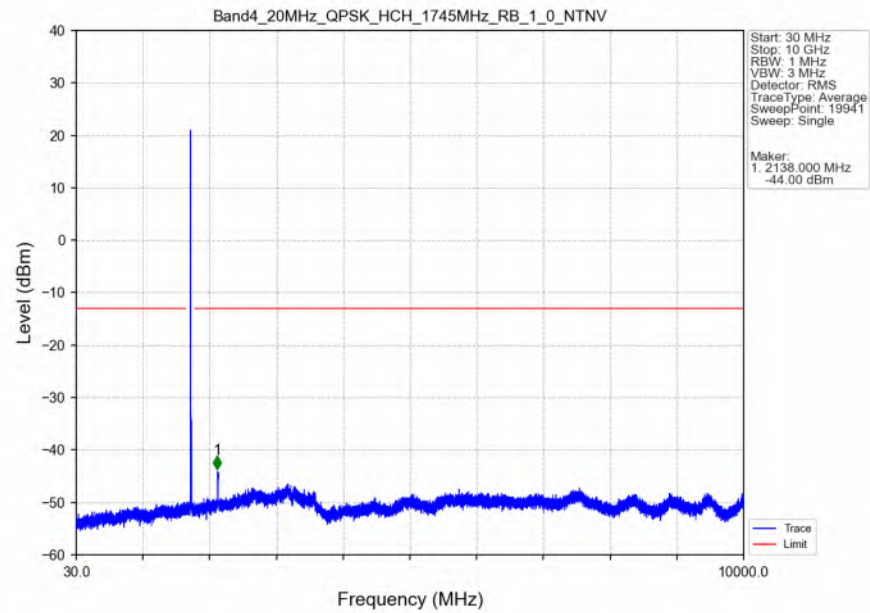
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



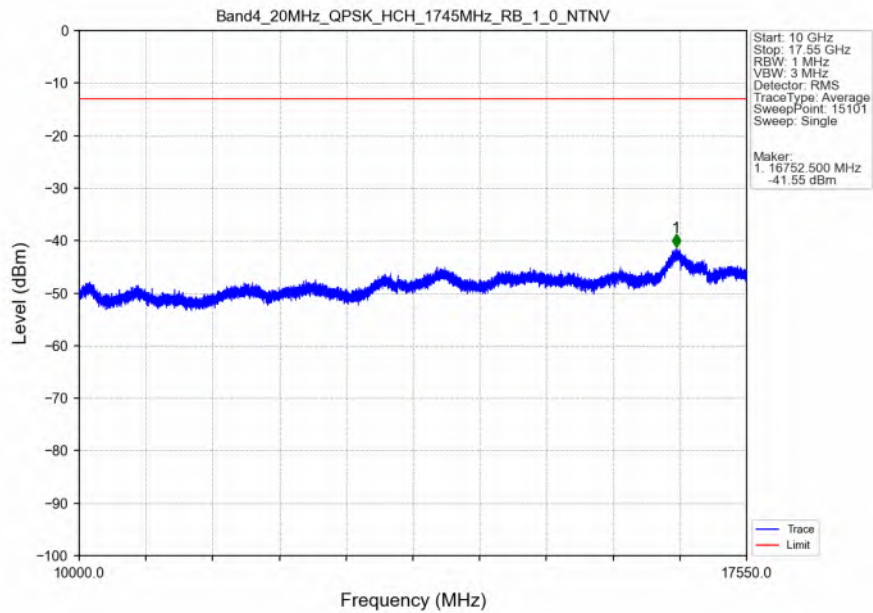
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



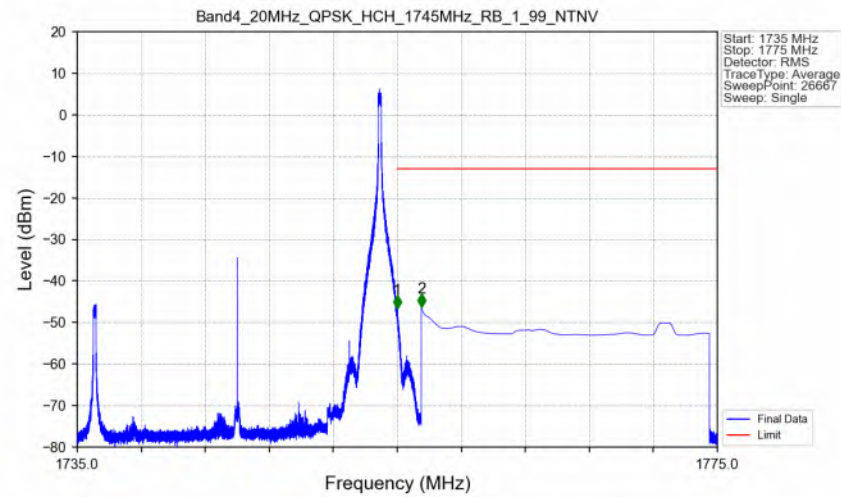
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN

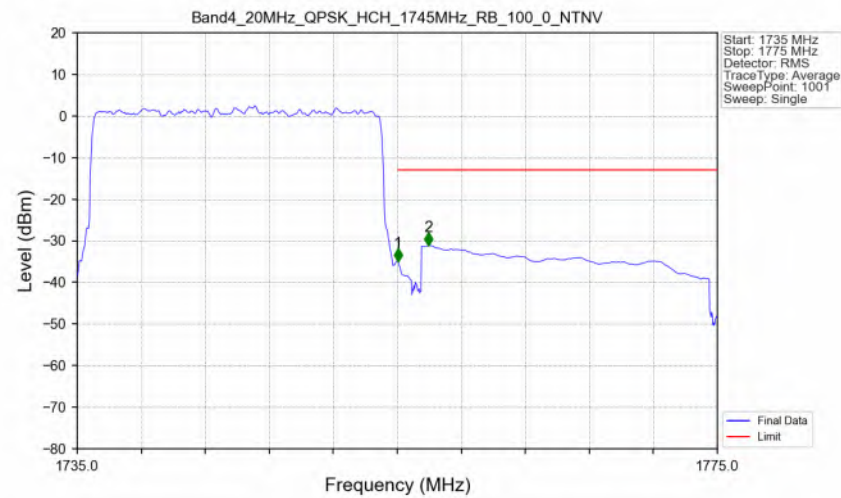


# Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1735        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.002   | -46.65      | -13         | Pass   |
| 1756        | 1775       | 1         | CHP    | 2          | 1756.500   | -46.26      | -13         | Pass   |

# Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1735        | 1755       | 0.202     | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.202     | CHP    | 1          | 1755.040   | -34.94      | -13         | Pass   |
| 1756        | 1775       | 1         | CHP    | 2          | 1756.960   | -31.18      | -13         | Pass   |