

# 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      | 24.16                 | -1.75      | 22.41      | <=30  | Pass    |
|                                    |                 |               | 2      | 24.01                 | -1.75      | 22.26      | <=30  | Pass    |
|                                    |                 |               | 5      | 24.14                 | -1.75      | 22.39      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 24.06                 | -1.75      | 22.31      | <=30  | Pass    |
|                                    |                 |               | 2      | 24.04                 | -1.75      | 22.29      | <=30  | Pass    |
|                                    |                 |               | 3      | 24.14                 | -1.75      | 22.39      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 23.13                 | -1.75      | 21.38      | <=30  | Pass    |
|                                    | 1732.5          | 1             | 0      | 23.82                 | -1.75      | 22.07      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.76                 | -1.75      | 22.01      | <=30  | Pass    |
|                                    |                 |               | 5      | 23.76                 | -1.75      | 22.01      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 23.84                 | -1.75      | 22.09      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.71                 | -1.75      | 21.96      | <=30  | Pass    |
|                                    |                 |               | 3      | 23.72                 | -1.75      | 21.97      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 22.79                 | -1.75      | 21.04      | <=30  | Pass    |
|                                    | 1754.3          | 1             | 0      | 23.48                 | -1.75      | 21.73      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.47                 | -1.75      | 21.72      | <=30  | Pass    |
|                                    |                 |               | 5      | 23.55                 | -1.75      | 21.80      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 23.53                 | -1.75      | 21.78      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.51                 | -1.75      | 21.76      | <=30  | Pass    |
|                                    |                 |               | 3      | 23.57                 | -1.75      | 21.82      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 22.59                 | -1.75      | 20.84      | <=30  | Pass    |
| 16QAM                              | 1710.7          | 1             | 0      | 23.38                 | -1.75      | 21.63      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.22                 | -1.75      | 21.47      | <=30  | Pass    |
|                                    |                 |               | 5      | 23.00                 | -1.75      | 21.25      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 23.20                 | -1.75      | 21.45      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.15                 | -1.75      | 21.40      | <=30  | Pass    |
|                                    |                 |               | 3      | 23.24                 | -1.75      | 21.49      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 22.12                 | -1.75      | 20.37      | <=30  | Pass    |
|                                    | 1732.5          | 1             | 0      | 23.01                 | -1.75      | 21.26      | <=30  | Pass    |
|                                    |                 |               | 2      | 23.00                 | -1.75      | 21.25      | <=30  | Pass    |
|                                    |                 |               | 5      | 22.89                 | -1.75      | 21.14      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.72                 | -1.75      | 20.97      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.80                 | -1.75      | 21.05      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.85                 | -1.75      | 21.10      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 21.87                 | -1.75      | 20.12      | <=30  | Pass    |
|                                    | 1754.3          | 1             | 0      | 22.70                 | -1.75      | 20.95      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.78                 | -1.75      | 21.03      | <=30  | Pass    |
|                                    |                 |               | 5      | 22.77                 | -1.75      | 21.02      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.62                 | -1.75      | 20.87      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.59                 | -1.75      | 20.84      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.57                 | -1.75      | 20.82      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 21.66                 | -1.75      | 19.91      | <=30  | Pass    |
| 64QAM                              | 1710.7          | 1             | 0      | 22.26                 | -1.75      | 20.51      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.29                 | -1.75      | 20.54      | <=30  | Pass    |
|                                    |                 |               | 5      | 22.21                 | -1.75      | 20.46      | <=30  | Pass    |
|                                    |                 | 3             | 0      | 22.12                 | -1.75      | 20.37      | <=30  | Pass    |
|                                    |                 |               | 2      | 22.30                 | -1.75      | 20.55      | <=30  | Pass    |
|                                    |                 |               | 3      | 22.20                 | -1.75      | 20.45      | <=30  | Pass    |
|                                    |                 | 6             | 0      | 21.22                 | -1.75      | 19.47      | <=30  | Pass    |

|        |        |   |   |       |       |       |      |      |
|--------|--------|---|---|-------|-------|-------|------|------|
|        | 1732.5 | 1 | 0 | 22.03 | -1.75 | 20.28 | <=30 | Pass |
|        |        |   | 2 | 22.01 | -1.75 | 20.26 | <=30 | Pass |
|        |        |   | 5 | 22.02 | -1.75 | 20.27 | <=30 | Pass |
|        |        | 3 | 0 | 21.89 | -1.75 | 20.14 | <=30 | Pass |
|        |        |   | 2 | 21.81 | -1.75 | 20.06 | <=30 | Pass |
|        |        |   | 3 | 21.85 | -1.75 | 20.10 | <=30 | Pass |
|        |        | 6 | 0 | 20.88 | -1.75 | 19.13 | <=30 | Pass |
|        | 1754.3 | 1 | 0 | 21.69 | -1.75 | 19.94 | <=30 | Pass |
|        |        |   | 2 | 21.83 | -1.75 | 20.08 | <=30 | Pass |
|        |        |   | 5 | 21.75 | -1.75 | 20.00 | <=30 | Pass |
|        |        | 3 | 0 | 21.69 | -1.75 | 19.94 | <=30 | Pass |
|        |        |   | 2 | 21.57 | -1.75 | 19.82 | <=30 | Pass |
|        |        |   | 3 | 21.59 | -1.75 | 19.84 | <=30 | Pass |
|        |        | 6 | 0 | 20.72 | -1.75 | 18.97 | <=30 | Pass |
| 256QAM | 1710.7 | 1 | 0 | 19.30 | -1.75 | 17.55 | <=30 | Pass |
|        |        |   | 2 | 19.29 | -1.75 | 17.54 | <=30 | Pass |
|        |        |   | 5 | 19.33 | -1.75 | 17.58 | <=30 | Pass |
|        |        | 3 | 0 | 19.37 | -1.75 | 17.62 | <=30 | Pass |
|        |        |   | 2 | 19.31 | -1.75 | 17.56 | <=30 | Pass |
|        |        |   | 3 | 19.30 | -1.75 | 17.55 | <=30 | Pass |
|        |        | 6 | 0 | 19.18 | -1.75 | 17.43 | <=30 | Pass |
|        | 1732.5 | 1 | 0 | 19.01 | -1.75 | 17.26 | <=30 | Pass |
|        |        |   | 2 | 19.03 | -1.75 | 17.28 | <=30 | Pass |
|        |        |   | 5 | 19.03 | -1.75 | 17.28 | <=30 | Pass |
|        |        | 3 | 0 | 18.94 | -1.75 | 17.19 | <=30 | Pass |
|        |        |   | 2 | 18.99 | -1.75 | 17.24 | <=30 | Pass |
|        |        |   | 3 | 18.98 | -1.75 | 17.23 | <=30 | Pass |
|        |        | 6 | 0 | 18.90 | -1.75 | 17.15 | <=30 | Pass |
|        | 1754.3 | 1 | 0 | 18.91 | -1.75 | 17.16 | <=30 | Pass |
|        |        |   | 2 | 18.90 | -1.75 | 17.15 | <=30 | Pass |
|        |        |   | 5 | 18.91 | -1.75 | 17.16 | <=30 | Pass |
|        |        | 3 | 0 | 18.88 | -1.75 | 17.13 | <=30 | Pass |
|        |        |   | 2 | 18.87 | -1.75 | 17.12 | <=30 | Pass |
|        |        |   | 3 | 18.82 | -1.75 | 17.07 | <=30 | Pass |
|        |        | 6 | 0 | 18.81 | -1.75 | 17.06 | <=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      | 24.30                 | -1.75      | 22.55      | <=30  | Pass    |
|                                  |                 |               | 7      | 24.32                 | -1.75      | 22.57      | <=30  | Pass    |
|                                  |                 |               | 14     | 24.17                 | -1.75      | 22.42      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 23.14                 | -1.75      | 21.39      | <=30  | Pass    |
|                                  |                 |               | 4      | 23.12                 | -1.75      | 21.37      | <=30  | Pass    |
|                                  |                 |               | 7      | 23.20                 | -1.75      | 21.45      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 23.12                 | -1.75      | 21.37      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 23.69                 | -1.75      | 21.94      | <=30  | Pass    |
|                                  |                 |               | 7      | 23.71                 | -1.75      | 21.96      | <=30  | Pass    |
|                                  |                 |               | 14     | 23.71                 | -1.75      | 21.96      | <=30  | Pass    |
|                                  |                 | 8             | 0      | 22.73                 | -1.75      | 20.98      | <=30  | Pass    |
|                                  |                 |               | 4      | 22.80                 | -1.75      | 21.05      | <=30  | Pass    |
|                                  |                 |               | 7      | 22.75                 | -1.75      | 21.00      | <=30  | Pass    |
|                                  |                 | 15            | 0      | 22.85                 | -1.75      | 21.10      | <=30  | Pass    |
|                                  | 1753.5          | 1             | 0      | 23.52                 | -1.75      | 21.77      | <=30  | Pass    |

|        |        |    |    |       |       |       |      |      |
|--------|--------|----|----|-------|-------|-------|------|------|
|        |        | 8  | 7  | 23.56 | -1.75 | 21.81 | <=30 | Pass |
|        |        |    | 14 | 23.47 | -1.75 | 21.72 | <=30 | Pass |
|        |        |    | 0  | 22.56 | -1.75 | 20.81 | <=30 | Pass |
|        |        |    | 4  | 22.59 | -1.75 | 20.84 | <=30 | Pass |
|        |        |    | 7  | 22.51 | -1.75 | 20.76 | <=30 | Pass |
|        |        | 15 | 0  | 22.51 | -1.75 | 20.76 | <=30 | Pass |
| 16QAM  | 1711.5 | 1  | 0  | 23.29 | -1.75 | 21.54 | <=30 | Pass |
|        |        |    | 7  | 23.24 | -1.75 | 21.49 | <=30 | Pass |
|        |        |    | 14 | 23.32 | -1.75 | 21.57 | <=30 | Pass |
|        |        | 8  | 0  | 22.24 | -1.75 | 20.49 | <=30 | Pass |
|        |        |    | 4  | 22.10 | -1.75 | 20.35 | <=30 | Pass |
|        |        |    | 7  | 22.24 | -1.75 | 20.49 | <=30 | Pass |
|        |        | 15 | 0  | 22.19 | -1.75 | 20.44 | <=30 | Pass |
|        | 1732.5 | 1  | 0  | 22.93 | -1.75 | 21.18 | <=30 | Pass |
|        |        |    | 7  | 23.08 | -1.75 | 21.33 | <=30 | Pass |
|        |        |    | 14 | 23.13 | -1.75 | 21.38 | <=30 | Pass |
|        |        | 8  | 0  | 21.87 | -1.75 | 20.12 | <=30 | Pass |
|        |        |    | 4  | 21.86 | -1.75 | 20.11 | <=30 | Pass |
|        |        |    | 7  | 21.89 | -1.75 | 20.14 | <=30 | Pass |
|        |        | 15 | 0  | 21.80 | -1.75 | 20.05 | <=30 | Pass |
|        | 1753.5 | 1  | 0  | 22.69 | -1.75 | 20.94 | <=30 | Pass |
|        |        |    | 7  | 22.72 | -1.75 | 20.97 | <=30 | Pass |
|        |        |    | 14 | 22.82 | -1.75 | 21.07 | <=30 | Pass |
|        |        | 8  | 0  | 21.61 | -1.75 | 19.86 | <=30 | Pass |
|        |        |    | 4  | 21.60 | -1.75 | 19.85 | <=30 | Pass |
|        |        |    | 7  | 21.62 | -1.75 | 19.87 | <=30 | Pass |
|        |        | 15 | 0  | 21.60 | -1.75 | 19.85 | <=30 | Pass |
| 64QAM  | 1711.5 | 1  | 0  | 22.34 | -1.75 | 20.59 | <=30 | Pass |
|        |        |    | 7  | 22.32 | -1.75 | 20.57 | <=30 | Pass |
|        |        |    | 14 | 22.23 | -1.75 | 20.48 | <=30 | Pass |
|        |        | 8  | 0  | 21.29 | -1.75 | 19.54 | <=30 | Pass |
|        |        |    | 4  | 21.32 | -1.75 | 19.57 | <=30 | Pass |
|        |        |    | 7  | 21.29 | -1.75 | 19.54 | <=30 | Pass |
|        |        | 15 | 0  | 21.25 | -1.75 | 19.50 | <=30 | Pass |
|        | 1732.5 | 1  | 0  | 21.88 | -1.75 | 20.13 | <=30 | Pass |
|        |        |    | 7  | 22.06 | -1.75 | 20.31 | <=30 | Pass |
|        |        |    | 14 | 21.89 | -1.75 | 20.14 | <=30 | Pass |
|        |        | 8  | 0  | 20.93 | -1.75 | 19.18 | <=30 | Pass |
|        |        |    | 4  | 20.98 | -1.75 | 19.23 | <=30 | Pass |
|        |        |    | 7  | 20.96 | -1.75 | 19.21 | <=30 | Pass |
|        |        | 15 | 0  | 20.89 | -1.75 | 19.14 | <=30 | Pass |
|        | 1753.5 | 1  | 0  | 21.74 | -1.75 | 19.99 | <=30 | Pass |
|        |        |    | 7  | 21.88 | -1.75 | 20.13 | <=30 | Pass |
|        |        |    | 14 | 21.71 | -1.75 | 19.96 | <=30 | Pass |
|        |        | 8  | 0  | 20.91 | -1.75 | 19.16 | <=30 | Pass |
|        |        |    | 4  | 20.88 | -1.75 | 19.13 | <=30 | Pass |
|        |        |    | 7  | 20.81 | -1.75 | 19.06 | <=30 | Pass |
|        |        | 15 | 0  | 20.79 | -1.75 | 19.04 | <=30 | Pass |
| 256QAM | 1711.5 | 1  | 0  | 19.26 | -1.75 | 17.51 | <=30 | Pass |
|        |        |    | 7  | 19.24 | -1.75 | 17.49 | <=30 | Pass |
|        |        |    | 14 | 19.30 | -1.75 | 17.55 | <=30 | Pass |
|        |        | 8  | 0  | 19.25 | -1.75 | 17.50 | <=30 | Pass |
|        |        |    | 4  | 19.24 | -1.75 | 17.49 | <=30 | Pass |
|        |        |    | 7  | 19.24 | -1.75 | 17.49 | <=30 | Pass |
|        |        | 15 | 0  | 19.23 | -1.75 | 17.48 | <=30 | Pass |
|        | 1732.5 | 1  | 0  | 18.92 | -1.75 | 17.17 | <=30 | Pass |
|        |        |    | 7  | 18.90 | -1.75 | 17.15 | <=30 | Pass |
|        |        |    | 14 | 18.99 | -1.75 | 17.24 | <=30 | Pass |
|        |        | 8  | 0  | 18.88 | -1.75 | 17.13 | <=30 | Pass |

|                                          |        |    |    |       |       |       |      |      |
|------------------------------------------|--------|----|----|-------|-------|-------|------|------|
|                                          |        |    | 4  | 18.88 | -1.75 | 17.13 | <=30 | Pass |
|                                          |        |    | 7  | 18.91 | -1.75 | 17.16 | <=30 | Pass |
|                                          |        | 15 | 0  | 18.85 | -1.75 | 17.10 | <=30 | Pass |
|                                          | 1753.5 | 1  | 0  | 18.90 | -1.75 | 17.15 | <=30 | Pass |
|                                          |        |    | 7  | 18.94 | -1.75 | 17.19 | <=30 | Pass |
|                                          |        |    | 14 | 18.87 | -1.75 | 17.12 | <=30 | Pass |
|                                          |        | 8  | 0  | 18.83 | -1.75 | 17.08 | <=30 | Pass |
|                                          |        |    | 4  | 18.77 | -1.75 | 17.02 | <=30 | Pass |
|                                          |        |    | 7  | 18.73 | -1.75 | 16.98 | <=30 | Pass |
|                                          |        | 15 | 0  | 18.78 | -1.75 | 17.03 | <=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      | 24.10                 | -1.75      | 22.35      | <=30  | Pass    |
|                                  |                 |               | 13     | 24.27                 | -1.75      | 22.52      | <=30  | Pass    |
|                                  |                 |               | 24     | 24.22                 | -1.75      | 22.47      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 23.16                 | -1.75      | 21.41      | <=30  | Pass    |
|                                  |                 |               | 6      | 23.24                 | -1.75      | 21.49      | <=30  | Pass    |
|                                  |                 |               | 13     | 23.20                 | -1.75      | 21.45      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 23.24                 | -1.75      | 21.49      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 23.80                 | -1.75      | 22.05      | <=30  | Pass    |
|                                  |                 |               | 13     | 23.80                 | -1.75      | 22.05      | <=30  | Pass    |
|                                  |                 |               | 24     | 23.73                 | -1.75      | 21.98      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 22.86                 | -1.75      | 21.11      | <=30  | Pass    |
|                                  |                 |               | 6      | 22.81                 | -1.75      | 21.06      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.83                 | -1.75      | 21.08      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 22.88                 | -1.75      | 21.13      | <=30  | Pass    |
|                                  | 1752.5          | 1             | 0      | 23.52                 | -1.75      | 21.77      | <=30  | Pass    |
|                                  |                 |               | 13     | 23.48                 | -1.75      | 21.73      | <=30  | Pass    |
|                                  |                 |               | 24     | 23.61                 | -1.75      | 21.86      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 22.69                 | -1.75      | 20.94      | <=30  | Pass    |
|                                  |                 |               | 6      | 22.67                 | -1.75      | 20.92      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.64                 | -1.75      | 20.89      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 22.68                 | -1.75      | 20.93      | <=30  | Pass    |
| 16QAM                            | 1712.5          | 1             | 0      | 23.42                 | -1.75      | 21.67      | <=30  | Pass    |
|                                  |                 |               | 13     | 23.31                 | -1.75      | 21.56      | <=30  | Pass    |
|                                  |                 |               | 24     | 23.32                 | -1.75      | 21.57      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 22.09                 | -1.75      | 20.34      | <=30  | Pass    |
|                                  |                 |               | 6      | 22.12                 | -1.75      | 20.37      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.15                 | -1.75      | 20.40      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 22.26                 | -1.75      | 20.51      | <=30  | Pass    |
|                                  | 1732.5          | 1             | 0      | 23.10                 | -1.75      | 21.35      | <=30  | Pass    |
|                                  |                 |               | 13     | 23.20                 | -1.75      | 21.45      | <=30  | Pass    |
|                                  |                 |               | 24     | 22.96                 | -1.75      | 21.21      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 21.86                 | -1.75      | 20.11      | <=30  | Pass    |
|                                  |                 |               | 6      | 21.84                 | -1.75      | 20.09      | <=30  | Pass    |
|                                  |                 |               | 13     | 21.86                 | -1.75      | 20.11      | <=30  | Pass    |
|                                  |                 | 25            | 0      | 21.90                 | -1.75      | 20.15      | <=30  | Pass    |
|                                  | 1752.5          | 1             | 0      | 22.52                 | -1.75      | 20.77      | <=30  | Pass    |
|                                  |                 |               | 13     | 22.86                 | -1.75      | 21.11      | <=30  | Pass    |
|                                  |                 |               | 24     | 22.79                 | -1.75      | 21.04      | <=30  | Pass    |
|                                  |                 | 12            | 0      | 21.67                 | -1.75      | 19.92      | <=30  | Pass    |
|                                  |                 |               | 6      | 21.71                 | -1.75      | 19.96      | <=30  | Pass    |

|        |                                          |        |       |       |       |       |       |      |      |
|--------|------------------------------------------|--------|-------|-------|-------|-------|-------|------|------|
|        |                                          |        | 13    | 21.66 | -1.75 | 19.91 | <=30  | Pass |      |
|        |                                          | 25     | 0     | 21.72 | -1.75 | 19.97 | <=30  | Pass |      |
| 64QAM  | 1712.5                                   | 1      | 0     | 22.29 | -1.75 | 20.54 | <=30  | Pass |      |
|        |                                          |        | 13    | 22.18 | -1.75 | 20.43 | <=30  | Pass |      |
|        |                                          |        | 24    | 22.24 | -1.75 | 20.49 | <=30  | Pass |      |
|        |                                          |        | 0     | 21.30 | -1.75 | 19.55 | <=30  | Pass |      |
|        |                                          | 12     | 6     | 21.32 | -1.75 | 19.57 | <=30  | Pass |      |
|        |                                          |        | 13    | 21.31 | -1.75 | 19.56 | <=30  | Pass |      |
|        |                                          |        | 0     | 21.23 | -1.75 | 19.48 | <=30  | Pass |      |
|        |                                          | 25     | 0     | 22.00 | -1.75 | 20.25 | <=30  | Pass |      |
|        |                                          | 1732.5 | 1     | 13    | 21.98 | -1.75 | 20.23 | <=30 | Pass |
|        |                                          |        |       | 24    | 21.94 | -1.75 | 20.19 | <=30 | Pass |
|        | 0                                        |        |       | 20.96 | -1.75 | 19.21 | <=30  | Pass |      |
|        | 6                                        |        |       | 20.95 | -1.75 | 19.20 | <=30  | Pass |      |
|        | 12                                       |        | 13    | 20.98 | -1.75 | 19.23 | <=30  | Pass |      |
|        |                                          |        | 0     | 20.95 | -1.75 | 19.20 | <=30  | Pass |      |
|        |                                          |        | 0     | 21.72 | -1.75 | 19.97 | <=30  | Pass |      |
|        |                                          |        | 13    | 21.70 | -1.75 | 19.95 | <=30  | Pass |      |
|        | 1752.5                                   | 1      | 24    | 21.71 | -1.75 | 19.96 | <=30  | Pass |      |
|        |                                          |        | 0     | 20.91 | -1.75 | 19.16 | <=30  | Pass |      |
|        |                                          |        | 6     | 20.94 | -1.75 | 19.19 | <=30  | Pass |      |
|        |                                          |        | 13    | 20.84 | -1.75 | 19.09 | <=30  | Pass |      |
|        |                                          | 12     | 0     | 20.86 | -1.75 | 19.11 | <=30  | Pass |      |
|        |                                          |        | 0     | 19.37 | -1.75 | 17.62 | <=30  | Pass |      |
|        |                                          |        | 13    | 19.33 | -1.75 | 17.58 | <=30  | Pass |      |
| 24     |                                          |        | 19.30 | -1.75 | 17.55 | <=30  | Pass  |      |      |
| 256QAM | 1712.5                                   | 12     | 0     | 19.18 | -1.75 | 17.43 | <=30  | Pass |      |
|        |                                          |        | 6     | 19.25 | -1.75 | 17.50 | <=30  | Pass |      |
|        |                                          |        | 13    | 19.23 | -1.75 | 17.48 | <=30  | Pass |      |
|        |                                          | 25     | 0     | 19.24 | -1.75 | 17.49 | <=30  | Pass |      |
|        |                                          | 1732.5 | 1     | 0     | 19.04 | -1.75 | 17.29 | <=30 | Pass |
|        |                                          |        |       | 13    | 19.01 | -1.75 | 17.26 | <=30 | Pass |
|        |                                          |        |       | 24    | 19.11 | -1.75 | 17.36 | <=30 | Pass |
|        | 12                                       |        | 0     | 18.91 | -1.75 | 17.16 | <=30  | Pass |      |
|        |                                          |        | 6     | 18.89 | -1.75 | 17.14 | <=30  | Pass |      |
|        |                                          |        | 13    | 18.90 | -1.75 | 17.15 | <=30  | Pass |      |
|        |                                          |        | 25    | 0     | 18.90 | -1.75 | 17.15 | <=30 | Pass |
|        | 1752.5                                   | 1      | 0     | 18.90 | -1.75 | 17.15 | <=30  | Pass |      |
|        |                                          |        | 13    | 18.93 | -1.75 | 17.18 | <=30  | Pass |      |
|        |                                          |        | 24    | 18.91 | -1.75 | 17.16 | <=30  | Pass |      |
|        |                                          | 12     | 0     | 18.83 | -1.75 | 17.08 | <=30  | Pass |      |
|        |                                          |        | 6     | 18.88 | -1.75 | 17.13 | <=30  | Pass |      |
|        |                                          |        | 13    | 18.79 | -1.75 | 17.04 | <=30  | Pass |      |
|        |                                          |        | 25    | 0     | 18.88 | -1.75 | 17.13 | <=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      | 24.23                 | -1.75      | 22.48      | <=30  | Pass    |
|                                   |                 |               | 25     | 24.07                 | -1.75      | 22.32      | <=30  | Pass    |
|                                   |                 |               | 49     | 24.13                 | -1.75      | 22.38      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 23.19                 | -1.75      | 21.44      | <=30  | Pass    |
|                                   |                 |               | 13     | 23.16                 | -1.75      | 21.41      | <=30  | Pass    |
|                                   |                 |               | 25     | 23.11                 | -1.75      | 21.36      | <=30  | Pass    |

|        |        |        |       |       |       |       |       |       |      |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|------|
|        |        | 50     | 0     | 23.11 | -1.75 | 21.36 | <=30  | Pass  |      |
|        | 1732.5 | 1      | 0     | 23.96 | -1.75 | 22.21 | <=30  | Pass  |      |
|        |        |        | 25    | 23.81 | -1.75 | 22.06 | <=30  | Pass  |      |
|        |        |        | 49    | 23.90 | -1.75 | 22.15 | <=30  | Pass  |      |
|        |        |        | 0     | 22.92 | -1.75 | 21.17 | <=30  | Pass  |      |
|        |        | 25     | 13    | 22.91 | -1.75 | 21.16 | <=30  | Pass  |      |
|        |        |        | 25    | 22.88 | -1.75 | 21.13 | <=30  | Pass  |      |
|        | 1750   | 50     | 0     | 22.91 | -1.75 | 21.16 | <=30  | Pass  |      |
|        |        | 1      | 0     | 23.63 | -1.75 | 21.88 | <=30  | Pass  |      |
|        |        |        | 25    | 23.57 | -1.75 | 21.82 | <=30  | Pass  |      |
|        |        |        | 49    | 23.73 | -1.75 | 21.98 | <=30  | Pass  |      |
|        |        | 25     | 0     | 22.67 | -1.75 | 20.92 | <=30  | Pass  |      |
|        |        |        | 13    | 22.66 | -1.75 | 20.91 | <=30  | Pass  |      |
|        |        |        | 25    | 22.67 | -1.75 | 20.92 | <=30  | Pass  |      |
|        |        | 50     | 0     | 22.64 | -1.75 | 20.89 | <=30  | Pass  |      |
|        |        | 16QAM  | 1715  | 1     | 0     | 23.29 | -1.75 | 21.54 | <=30 |
| 25     |        |        |       |       | 23.10 | -1.75 | 21.35 | <=30  | Pass |
| 49     | 23.27  |        |       |       | -1.75 | 21.52 | <=30  | Pass  |      |
| 25     | 0      |        |       | 22.19 | -1.75 | 20.44 | <=30  | Pass  |      |
|        | 13     |        |       | 22.16 | -1.75 | 20.41 | <=30  | Pass  |      |
|        | 25     |        |       | 22.11 | -1.75 | 20.36 | <=30  | Pass  |      |
| 50     | 0      |        | 22.11 | -1.75 | 20.36 | <=30  | Pass  |       |      |
| 1732.5 | 1      |        | 0     | 23.16 | -1.75 | 21.41 | <=30  | Pass  |      |
|        |        |        | 25    | 23.04 | -1.75 | 21.29 | <=30  | Pass  |      |
|        |        |        | 49    | 22.91 | -1.75 | 21.16 | <=30  | Pass  |      |
|        | 25     |        | 0     | 21.93 | -1.75 | 20.18 | <=30  | Pass  |      |
|        |        |        | 13    | 21.86 | -1.75 | 20.11 | <=30  | Pass  |      |
|        |        |        | 25    | 21.89 | -1.75 | 20.14 | <=30  | Pass  |      |
| 50     | 0      |        | 21.88 | -1.75 | 20.13 | <=30  | Pass  |       |      |
| 1750   | 1      |        | 0     | 22.67 | -1.75 | 20.92 | <=30  | Pass  |      |
|        |        |        | 25    | 22.68 | -1.75 | 20.93 | <=30  | Pass  |      |
|        |        |        | 49    | 22.85 | -1.75 | 21.10 | <=30  | Pass  |      |
|        | 25     |        | 0     | 21.74 | -1.75 | 19.99 | <=30  | Pass  |      |
|        |        |        | 13    | 21.68 | -1.75 | 19.93 | <=30  | Pass  |      |
|        |        |        | 25    | 21.68 | -1.75 | 19.93 | <=30  | Pass  |      |
|        | 50     |        | 0     | 21.64 | -1.75 | 19.89 | <=30  | Pass  |      |
|        | 64QAM  |        | 1715  | 1     | 0     | 22.29 | -1.75 | 20.54 | <=30 |
| 25     |        |        |       |       | 22.17 | -1.75 | 20.42 | <=30  | Pass |
| 49     |        |        |       |       | 22.29 | -1.75 | 20.54 | <=30  | Pass |
| 25     |        | 0      |       | 21.22 | -1.75 | 19.47 | <=30  | Pass  |      |
|        |        | 13     |       | 21.19 | -1.75 | 19.44 | <=30  | Pass  |      |
|        |        | 25     |       | 21.10 | -1.75 | 19.35 | <=30  | Pass  |      |
| 50     |        | 0      | 21.15 | -1.75 | 19.40 | <=30  | Pass  |       |      |
| 1732.5 |        | 1      | 0     | 22.01 | -1.75 | 20.26 | <=30  | Pass  |      |
|        |        |        | 25    | 22.02 | -1.75 | 20.27 | <=30  | Pass  |      |
|        |        |        | 49    | 22.06 | -1.75 | 20.31 | <=30  | Pass  |      |
|        |        | 25     | 0     | 20.99 | -1.75 | 19.24 | <=30  | Pass  |      |
|        |        |        | 13    | 20.97 | -1.75 | 19.22 | <=30  | Pass  |      |
|        |        |        | 25    | 20.97 | -1.75 | 19.22 | <=30  | Pass  |      |
| 50     |        | 0      | 20.95 | -1.75 | 19.20 | <=30  | Pass  |       |      |
| 1750   |        | 1      | 0     | 21.64 | -1.75 | 19.89 | <=30  | Pass  |      |
|        |        |        | 25    | 21.73 | -1.75 | 19.98 | <=30  | Pass  |      |
|        |        |        | 49    | 21.90 | -1.75 | 20.15 | <=30  | Pass  |      |
|        |        | 25     | 0     | 20.84 | -1.75 | 19.09 | <=30  | Pass  |      |
|        |        |        | 13    | 20.86 | -1.75 | 19.11 | <=30  | Pass  |      |
|        |        |        | 25    | 20.84 | -1.75 | 19.09 | <=30  | Pass  |      |
|        |        | 50     | 0     | 20.83 | -1.75 | 19.08 | <=30  | Pass  |      |
|        |        | 256QAM | 1715  | 1     | 0     | 19.41 | -1.75 | 17.66 | <=30 |
| 25     |        |        |       |       | 19.26 | -1.75 | 17.51 | <=30  | Pass |

|                                          |        |    |    |       |       |       |      |      |
|------------------------------------------|--------|----|----|-------|-------|-------|------|------|
|                                          |        |    | 49 | 19.18 | -1.75 | 17.43 | <=30 | Pass |
|                                          |        | 25 | 0  | 19.18 | -1.75 | 17.43 | <=30 | Pass |
|                                          |        |    | 13 | 19.15 | -1.75 | 17.40 | <=30 | Pass |
|                                          |        |    | 25 | 19.10 | -1.75 | 17.35 | <=30 | Pass |
|                                          |        | 50 | 0  | 19.10 | -1.75 | 17.35 | <=30 | Pass |
|                                          | 1732.5 | 1  | 0  | 19.09 | -1.75 | 17.34 | <=30 | Pass |
|                                          |        |    | 25 | 19.14 | -1.75 | 17.39 | <=30 | Pass |
|                                          |        |    | 49 | 19.09 | -1.75 | 17.34 | <=30 | Pass |
|                                          |        | 25 | 0  | 18.96 | -1.75 | 17.21 | <=30 | Pass |
|                                          |        |    | 13 | 18.91 | -1.75 | 17.16 | <=30 | Pass |
|                                          |        |    | 25 | 18.96 | -1.75 | 17.21 | <=30 | Pass |
|                                          |        | 50 | 0  | 18.95 | -1.75 | 17.20 | <=30 | Pass |
|                                          | 1750   | 1  | 0  | 18.95 | -1.75 | 17.20 | <=30 | Pass |
|                                          |        |    | 25 | 18.88 | -1.75 | 17.13 | <=30 | Pass |
|                                          |        |    | 49 | 19.00 | -1.75 | 17.25 | <=30 | Pass |
|                                          |        | 25 | 0  | 18.81 | -1.75 | 17.06 | <=30 | Pass |
|                                          |        |    | 13 | 18.83 | -1.75 | 17.08 | <=30 | Pass |
|                                          |        |    | 25 | 18.79 | -1.75 | 17.04 | <=30 | Pass |
|                                          |        | 50 | 0  | 18.80 | -1.75 | 17.05 | <=30 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |        |    |    |       |       |       |      |      |

### 1.1.5 B4\_15MHz\_EIRP

| Band: 4 / Bandwidth: 15MHz / NTN/V |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 1717.5          | 1             | 0      | 24.25                 | -1.75      | 22.50      | <=30  | Pass    |
|                                    |                 |               | 38     | 24.24                 | -1.75      | 22.49      | <=30  | Pass    |
|                                    |                 |               | 74     | 24.07                 | -1.75      | 22.32      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 23.14                 | -1.75      | 21.39      | <=30  | Pass    |
|                                    |                 |               | 18     | 23.07                 | -1.75      | 21.32      | <=30  | Pass    |
|                                    |                 |               | 39     | 23.00                 | -1.75      | 21.25      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 23.15                 | -1.75      | 21.40      | <=30  | Pass    |
|                                    | 1732.5          | 1             | 0      | 23.88                 | -1.75      | 22.13      | <=30  | Pass    |
|                                    |                 |               | 38     | 23.81                 | -1.75      | 22.06      | <=30  | Pass    |
|                                    |                 |               | 74     | 23.76                 | -1.75      | 22.01      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 22.90                 | -1.75      | 21.15      | <=30  | Pass    |
|                                    |                 |               | 18     | 22.84                 | -1.75      | 21.09      | <=30  | Pass    |
|                                    |                 |               | 39     | 22.88                 | -1.75      | 21.13      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 22.94                 | -1.75      | 21.19      | <=30  | Pass    |
|                                    | 1747.5          | 1             | 0      | 23.67                 | -1.75      | 21.92      | <=30  | Pass    |
|                                    |                 |               | 38     | 23.53                 | -1.75      | 21.78      | <=30  | Pass    |
|                                    |                 |               | 74     | 23.61                 | -1.75      | 21.86      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 22.69                 | -1.75      | 20.94      | <=30  | Pass    |
|                                    |                 |               | 18     | 22.70                 | -1.75      | 20.95      | <=30  | Pass    |
|                                    |                 |               | 39     | 22.71                 | -1.75      | 20.96      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 22.69                 | -1.75      | 20.94      | <=30  | Pass    |
| 16QAM                              | 1717.5          | 1             | 0      | 23.29                 | -1.75      | 21.54      | <=30  | Pass    |
|                                    |                 |               | 38     | 23.19                 | -1.75      | 21.44      | <=30  | Pass    |
|                                    |                 |               | 74     | 23.34                 | -1.75      | 21.59      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 22.15                 | -1.75      | 20.40      | <=30  | Pass    |
|                                    |                 |               | 18     | 22.07                 | -1.75      | 20.32      | <=30  | Pass    |
|                                    |                 |               | 39     | 21.99                 | -1.75      | 20.24      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 22.16                 | -1.75      | 20.41      | <=30  | Pass    |
|                                    | 1732.5          | 1             | 0      | 23.17                 | -1.75      | 21.42      | <=30  | Pass    |
|                                    |                 |               | 38     | 23.07                 | -1.75      | 21.32      | <=30  | Pass    |
|                                    |                 |               | 74     | 23.01                 | -1.75      | 21.26      | <=30  | Pass    |

|                                          |        |    |    |       |       |       |      |      |
|------------------------------------------|--------|----|----|-------|-------|-------|------|------|
|                                          |        | 36 | 0  | 21.90 | -1.75 | 20.15 | <=30 | Pass |
|                                          |        |    | 18 | 21.83 | -1.75 | 20.08 | <=30 | Pass |
|                                          |        |    | 39 | 21.86 | -1.75 | 20.11 | <=30 | Pass |
|                                          |        | 75 | 0  | 21.97 | -1.75 | 20.22 | <=30 | Pass |
|                                          | 1747.5 | 1  | 0  | 22.89 | -1.75 | 21.14 | <=30 | Pass |
|                                          |        |    | 38 | 22.76 | -1.75 | 21.01 | <=30 | Pass |
|                                          |        |    | 74 | 22.81 | -1.75 | 21.06 | <=30 | Pass |
|                                          |        | 36 | 0  | 21.72 | -1.75 | 19.97 | <=30 | Pass |
|                                          |        |    | 18 | 21.71 | -1.75 | 19.96 | <=30 | Pass |
|                                          |        |    | 39 | 21.70 | -1.75 | 19.95 | <=30 | Pass |
|                                          |        | 75 | 0  | 21.71 | -1.75 | 19.96 | <=30 | Pass |
| 64QAM                                    | 1717.5 | 1  | 0  | 22.37 | -1.75 | 20.62 | <=30 | Pass |
|                                          |        |    | 38 | 22.33 | -1.75 | 20.58 | <=30 | Pass |
|                                          |        |    | 74 | 22.19 | -1.75 | 20.44 | <=30 | Pass |
|                                          |        | 36 | 0  | 21.22 | -1.75 | 19.47 | <=30 | Pass |
|                                          |        |    | 18 | 21.14 | -1.75 | 19.39 | <=30 | Pass |
|                                          |        |    | 39 | 21.03 | -1.75 | 19.28 | <=30 | Pass |
|                                          |        | 75 | 0  | 21.15 | -1.75 | 19.40 | <=30 | Pass |
|                                          | 1732.5 | 1  | 0  | 22.06 | -1.75 | 20.31 | <=30 | Pass |
|                                          |        |    | 38 | 21.99 | -1.75 | 20.24 | <=30 | Pass |
|                                          |        |    | 74 | 21.99 | -1.75 | 20.24 | <=30 | Pass |
|                                          |        | 36 | 0  | 20.98 | -1.75 | 19.23 | <=30 | Pass |
|                                          |        |    | 18 | 21.00 | -1.75 | 19.25 | <=30 | Pass |
|                                          |        |    | 39 | 21.00 | -1.75 | 19.25 | <=30 | Pass |
|                                          |        | 75 | 0  | 21.01 | -1.75 | 19.26 | <=30 | Pass |
|                                          | 1747.5 | 1  | 0  | 21.89 | -1.75 | 20.14 | <=30 | Pass |
|                                          |        |    | 38 | 21.87 | -1.75 | 20.12 | <=30 | Pass |
|                                          |        |    | 74 | 21.91 | -1.75 | 20.16 | <=30 | Pass |
|                                          |        | 36 | 0  | 20.85 | -1.75 | 19.10 | <=30 | Pass |
|                                          |        |    | 18 | 20.90 | -1.75 | 19.15 | <=30 | Pass |
|                                          |        |    | 39 | 20.93 | -1.75 | 19.18 | <=30 | Pass |
|                                          |        | 75 | 0  | 20.85 | -1.75 | 19.10 | <=30 | Pass |
| 256QAM                                   | 1717.5 | 1  | 0  | 19.32 | -1.75 | 17.57 | <=30 | Pass |
|                                          |        |    | 38 | 19.24 | -1.75 | 17.49 | <=30 | Pass |
|                                          |        |    | 74 | 19.21 | -1.75 | 17.46 | <=30 | Pass |
|                                          |        | 36 | 0  | 19.15 | -1.75 | 17.40 | <=30 | Pass |
|                                          |        |    | 18 | 19.09 | -1.75 | 17.34 | <=30 | Pass |
|                                          |        |    | 39 | 18.97 | -1.75 | 17.22 | <=30 | Pass |
|                                          |        | 75 | 0  | 19.13 | -1.75 | 17.38 | <=30 | Pass |
|                                          | 1732.5 | 1  | 0  | 18.91 | -1.75 | 17.16 | <=30 | Pass |
|                                          |        |    | 38 | 19.10 | -1.75 | 17.35 | <=30 | Pass |
|                                          |        |    | 74 | 19.10 | -1.75 | 17.35 | <=30 | Pass |
|                                          |        | 36 | 0  | 18.92 | -1.75 | 17.17 | <=30 | Pass |
|                                          |        |    | 18 | 18.93 | -1.75 | 17.18 | <=30 | Pass |
|                                          |        |    | 39 | 18.94 | -1.75 | 17.19 | <=30 | Pass |
|                                          |        | 75 | 0  | 18.98 | -1.75 | 17.23 | <=30 | Pass |
|                                          | 1747.5 | 1  | 0  | 19.05 | -1.75 | 17.30 | <=30 | Pass |
|                                          |        |    | 38 | 18.84 | -1.75 | 17.09 | <=30 | Pass |
|                                          |        |    | 74 | 19.03 | -1.75 | 17.28 | <=30 | Pass |
|                                          |        | 36 | 0  | 18.83 | -1.75 | 17.08 | <=30 | Pass |
|                                          |        |    | 18 | 18.89 | -1.75 | 17.14 | <=30 | Pass |
|                                          |        |    | 39 | 18.88 | -1.75 | 17.13 | <=30 | Pass |
|                                          |        | 75 | 0  | 18.85 | -1.75 | 17.10 | <=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      | 24.25                 | -1.75      | 22.50      | <=30  | Pass    |
|                                   |                 |               | 50     | 24.03                 | -1.75      | 22.28      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.99                 | -1.75      | 22.24      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 23.15                 | -1.75      | 21.40      | <=30  | Pass    |
|                                   |                 |               | 25     | 23.11                 | -1.75      | 21.36      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.91                 | -1.75      | 21.16      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 23.05                 | -1.75      | 21.30      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 23.88                 | -1.75      | 22.13      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.94                 | -1.75      | 22.19      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.74                 | -1.75      | 21.99      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 22.97                 | -1.75      | 21.22      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.96                 | -1.75      | 21.21      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.93                 | -1.75      | 21.18      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 23.00                 | -1.75      | 21.25      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 23.71                 | -1.75      | 21.96      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.58                 | -1.75      | 21.83      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.67                 | -1.75      | 21.92      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 22.73                 | -1.75      | 20.98      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.78                 | -1.75      | 21.03      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.79                 | -1.75      | 21.04      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 22.70                 | -1.75      | 20.95      | <=30  | Pass    |
| 16QAM                             | 1720            | 1             | 0      | 23.22                 | -1.75      | 21.47      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.26                 | -1.75      | 21.51      | <=30  | Pass    |
|                                   |                 |               | 99     | 23.26                 | -1.75      | 21.51      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 22.14                 | -1.75      | 20.39      | <=30  | Pass    |
|                                   |                 |               | 25     | 22.09                 | -1.75      | 20.34      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.98                 | -1.75      | 20.23      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 22.04                 | -1.75      | 20.29      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 23.11                 | -1.75      | 21.36      | <=30  | Pass    |
|                                   |                 |               | 50     | 23.09                 | -1.75      | 21.34      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.91                 | -1.75      | 21.16      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.96                 | -1.75      | 20.21      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.92                 | -1.75      | 20.17      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.95                 | -1.75      | 20.20      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 22.00                 | -1.75      | 20.25      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 22.96                 | -1.75      | 21.21      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.66                 | -1.75      | 20.91      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.73                 | -1.75      | 20.98      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.72                 | -1.75      | 19.97      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.80                 | -1.75      | 20.05      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.76                 | -1.75      | 20.01      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.71                 | -1.75      | 19.96      | <=30  | Pass    |
| 64QAM                             | 1720            | 1             | 0      | 22.28                 | -1.75      | 20.53      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.18                 | -1.75      | 20.43      | <=30  | Pass    |
|                                   |                 |               | 99     | 22.07                 | -1.75      | 20.32      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.14                 | -1.75      | 19.39      | <=30  | Pass    |
|                                   |                 |               | 25     | 21.13                 | -1.75      | 19.38      | <=30  | Pass    |
|                                   |                 |               | 50     | 20.98                 | -1.75      | 19.23      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.04                 | -1.75      | 19.29      | <=30  | Pass    |
|                                   | 1732.5          | 1             | 0      | 22.09                 | -1.75      | 20.34      | <=30  | Pass    |
|                                   |                 |               | 50     | 22.04                 | -1.75      | 20.29      | <=30  | Pass    |
|                                   |                 |               | 99     | 21.91                 | -1.75      | 20.16      | <=30  | Pass    |
|                                   |                 | 50            | 0      | 21.02                 | -1.75      | 19.27      | <=30  | Pass    |
|                                   |                 |               | 25     | 20.98                 | -1.75      | 19.23      | <=30  | Pass    |
|                                   |                 |               | 50     | 21.00                 | -1.75      | 19.25      | <=30  | Pass    |
|                                   |                 | 100           | 0      | 21.00                 | -1.75      | 19.25      | <=30  | Pass    |

|        |                                          |        |       |       |       |       |       |       |      |      |
|--------|------------------------------------------|--------|-------|-------|-------|-------|-------|-------|------|------|
|        | 1745                                     | 1      | 0     | 21.86 | -1.75 | 20.11 | <=30  | Pass  |      |      |
|        |                                          |        | 50    | 21.88 | -1.75 | 20.13 | <=30  | Pass  |      |      |
|        |                                          |        | 99    | 21.91 | -1.75 | 20.16 | <=30  | Pass  |      |      |
|        |                                          | 50     | 0     | 20.82 | -1.75 | 19.07 | <=30  | Pass  |      |      |
|        |                                          |        | 25    | 20.90 | -1.75 | 19.15 | <=30  | Pass  |      |      |
|        |                                          |        | 50    | 20.95 | -1.75 | 19.20 | <=30  | Pass  |      |      |
|        |                                          | 100    | 0     | 20.93 | -1.75 | 19.18 | <=30  | Pass  |      |      |
|        |                                          | 256QAM | 1720  | 1     | 0     | 19.34 | -1.75 | 17.59 | <=30 | Pass |
|        |                                          |        |       |       | 50    | 19.10 | -1.75 | 17.35 | <=30 | Pass |
| 99     | 19.10                                    |        |       |       | -1.75 | 17.35 | <=30  | Pass  |      |      |
| 50     | 0                                        |        |       | 19.13 | -1.75 | 17.38 | <=30  | Pass  |      |      |
|        | 25                                       |        |       | 19.09 | -1.75 | 17.34 | <=30  | Pass  |      |      |
|        | 50                                       |        |       | 18.94 | -1.75 | 17.19 | <=30  | Pass  |      |      |
| 100    | 0                                        |        |       | 19.07 | -1.75 | 17.32 | <=30  | Pass  |      |      |
| 1732.5 | 1                                        |        |       | 0     | 19.10 | -1.75 | 17.35 | <=30  | Pass |      |
|        |                                          |        |       | 50    | 19.08 | -1.75 | 17.33 | <=30  | Pass |      |
|        |                                          |        | 99    | 19.07 | -1.75 | 17.32 | <=30  | Pass  |      |      |
|        | 50                                       |        | 0     | 18.98 | -1.75 | 17.23 | <=30  | Pass  |      |      |
|        |                                          |        | 25    | 18.95 | -1.75 | 17.20 | <=30  | Pass  |      |      |
|        |                                          |        | 50    | 18.98 | -1.75 | 17.23 | <=30  | Pass  |      |      |
| 100    | 0                                        |        | 18.99 | -1.75 | 17.24 | <=30  | Pass  |       |      |      |
| 1745   | 1                                        |        | 0     | 18.99 | -1.75 | 17.24 | <=30  | Pass  |      |      |
|        |                                          |        | 50    | 18.94 | -1.75 | 17.19 | <=30  | Pass  |      |      |
|        |                                          |        | 99    | 19.02 | -1.75 | 17.27 | <=30  | Pass  |      |      |
|        | 50                                       |        | 0     | 18.73 | -1.75 | 16.98 | <=30  | Pass  |      |      |
|        |                                          | 25     | 18.96 | -1.75 | 17.21 | <=30  | Pass  |       |      |      |
|        |                                          | 50     | 18.91 | -1.75 | 17.16 | <=30  | Pass  |       |      |      |
|        | 100                                      | 0      | 18.86 | -1.75 | 17.11 | <=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 (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1732.5          | 50            | 0      | 20         | 3.7           | -12.302          | -0.0071               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.91          | -1.373           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.3           | -1.845           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.91          | -0.873           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.91          | -2.861           | -0.0017               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.91          | -1.931           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.91          | 0.472            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.91          | -3.176           | -0.0018               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.91          | -0.887           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.91          | -4.749           | -0.0027               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.91          | -1.802           | -0.0010               | -2.5 to 2.5 | Pass    |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band4\_OBW

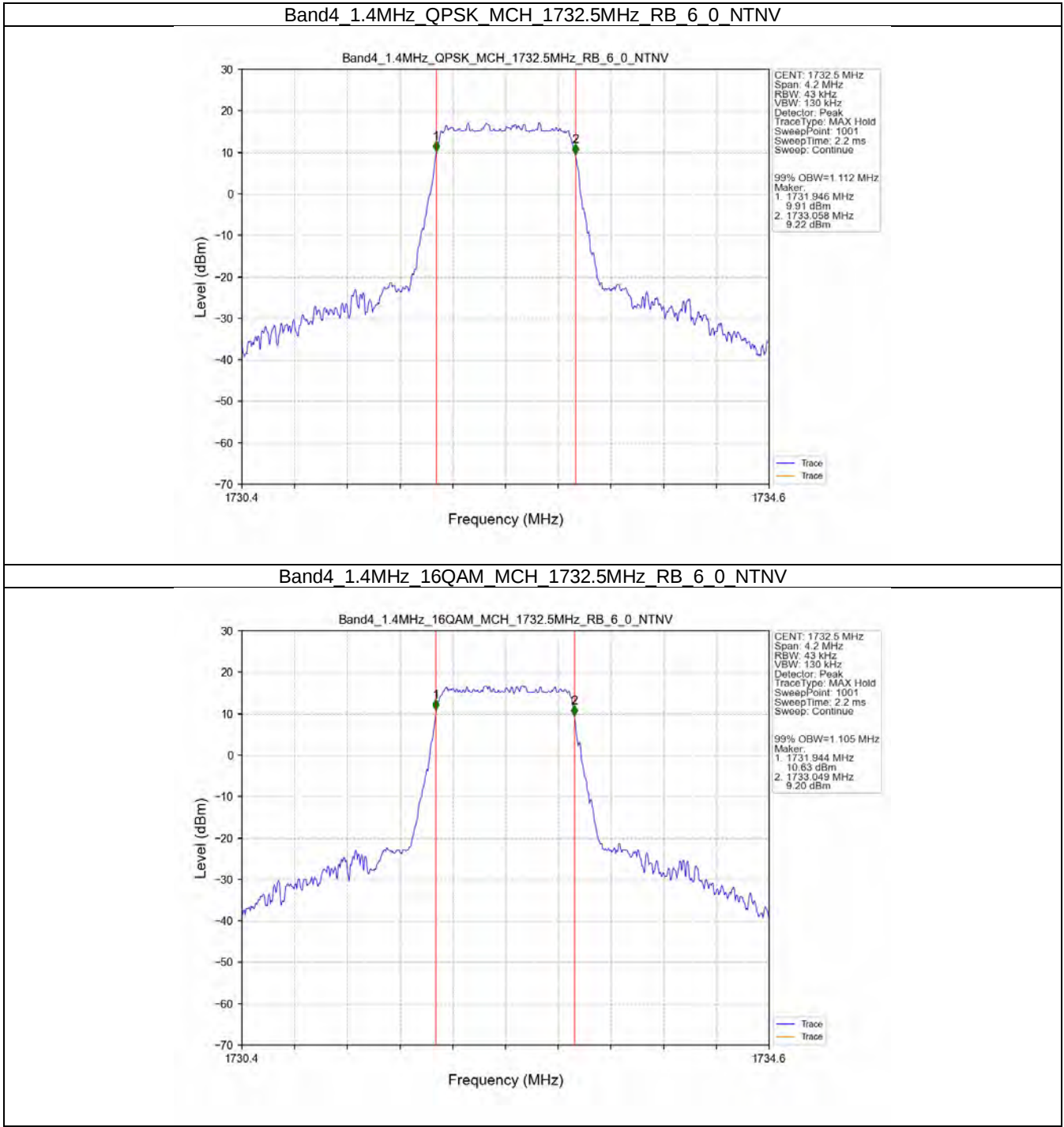
| Band: 4 / NTNV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1732.5          | 6             | 0      | 1.112                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 6             | 0      | 1.105                        | /     | Pass    |
| 3               | QPSK       | 1732.5          | 15            | 0      | 2.732                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 15            | 0      | 2.741                        | /     | Pass    |
| 5               | QPSK       | 1732.5          | 25            | 0      | 4.547                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 25            | 0      | 4.546                        | /     | Pass    |
| 10              | QPSK       | 1732.5          | 50            | 0      | 9.065                        | /     | Pass    |
|                 | 16QAM      | 1732.5          | 50            | 0      | 9.041                        | /     | Pass    |
| 15              | QPSK       | 1732.5          | 75            | 0      | 13.546                       | /     | Pass    |
|                 | 16QAM      | 1732.5          | 75            | 0      | 13.583                       | /     | Pass    |
| 20              | QPSK       | 1732.5          | 100           | 0      | 18.050                       | /     | Pass    |
|                 | 16QAM      | 1732.5          | 100           | 0      | 18.071                       | /     | Pass    |

##### 3.1.2 Band4\_XDB

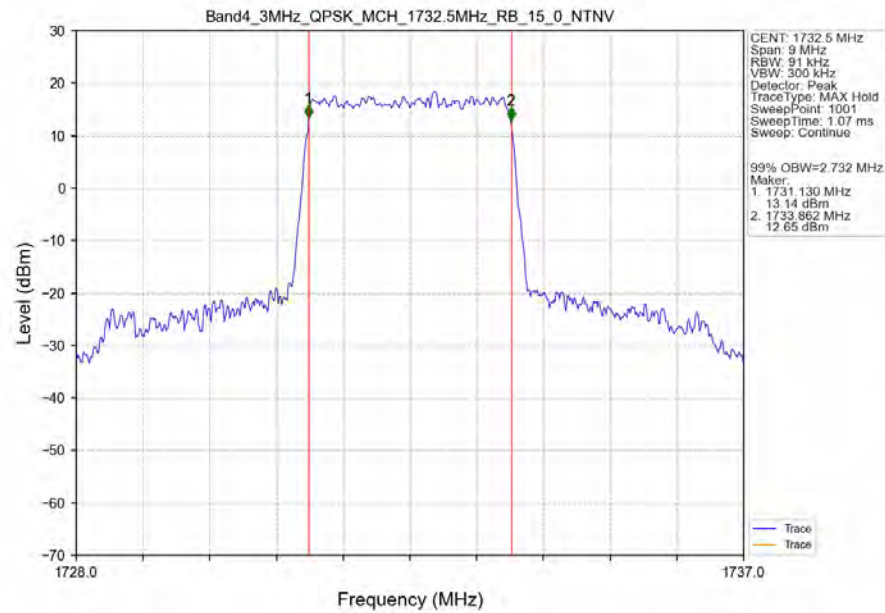
| Band: 4 / NTNV  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1732.5          | 6             | 0      | 1.317                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 6             | 0      | 1.326                | /     | Pass    |
| 3               | QPSK       | 1732.5          | 15            | 0      | 3.012                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 15            | 0      | 3.028                | /     | Pass    |
| 5               | QPSK       | 1732.5          | 25            | 0      | 5.087                | /     | Pass    |
|                 | 16QAM      | 1732.5          | 25            | 0      | 5.029                | /     | Pass    |
| 10              | QPSK       | 1732.5          | 50            | 0      | 10.061               | /     | Pass    |
|                 | 16QAM      | 1732.5          | 50            | 0      | 9.998                | /     | Pass    |
| 15              | QPSK       | 1732.5          | 75            | 0      | 14.916               | /     | Pass    |
|                 | 16QAM      | 1732.5          | 75            | 0      | 15.011               | /     | Pass    |
| 20              | QPSK       | 1732.5          | 100           | 0      | 19.674               | /     | Pass    |
|                 | 16QAM      | 1732.5          | 100           | 0      | 19.699               | /     | Pass    |

3.2 Test Graph

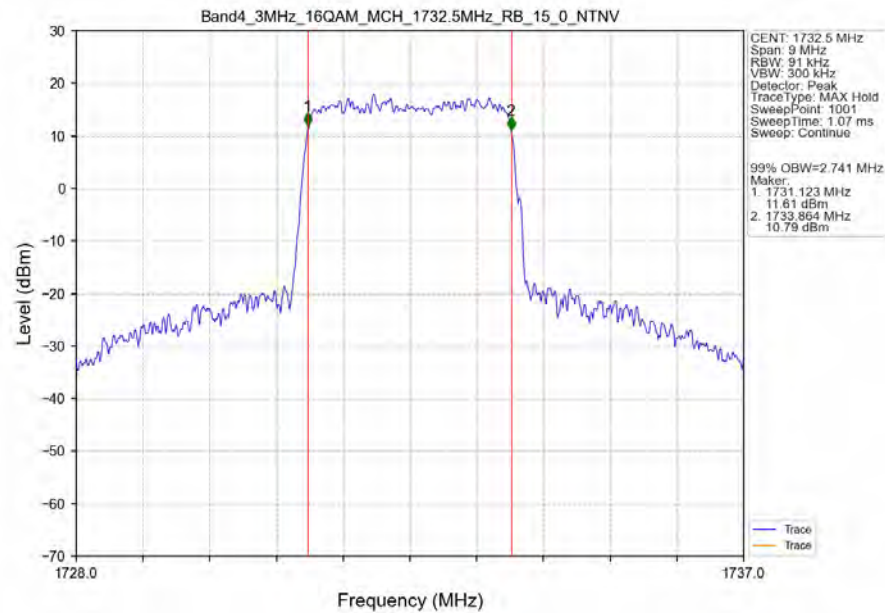
3.2.1 Band4\_OBW



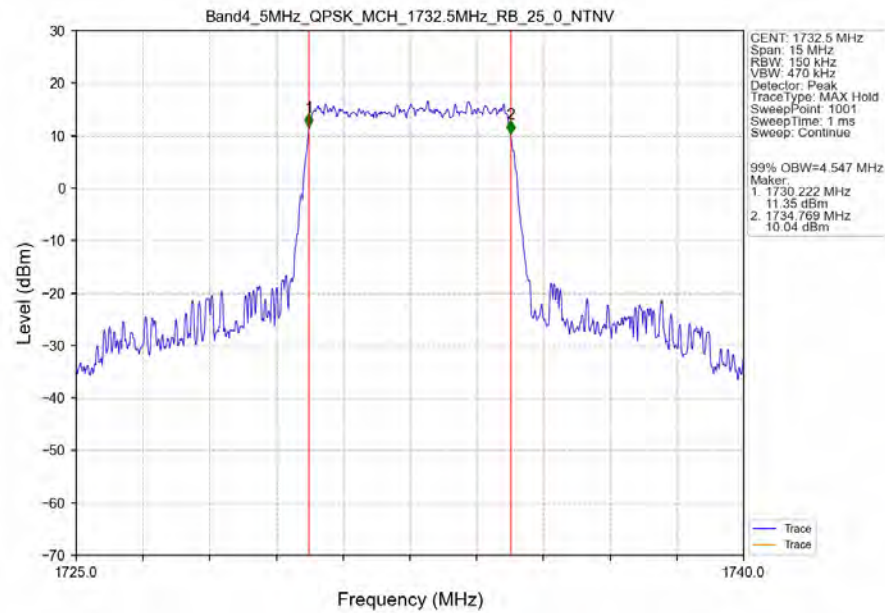
# Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



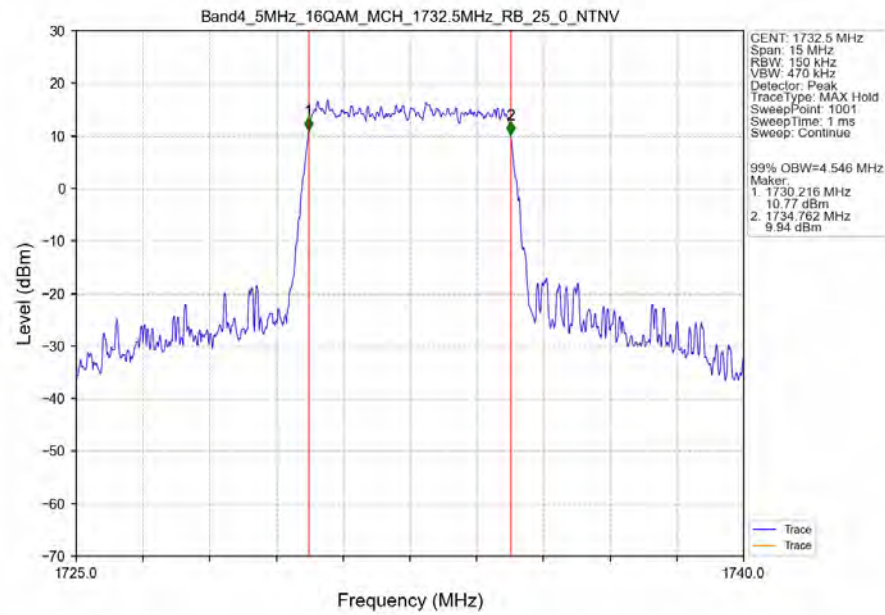
# Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



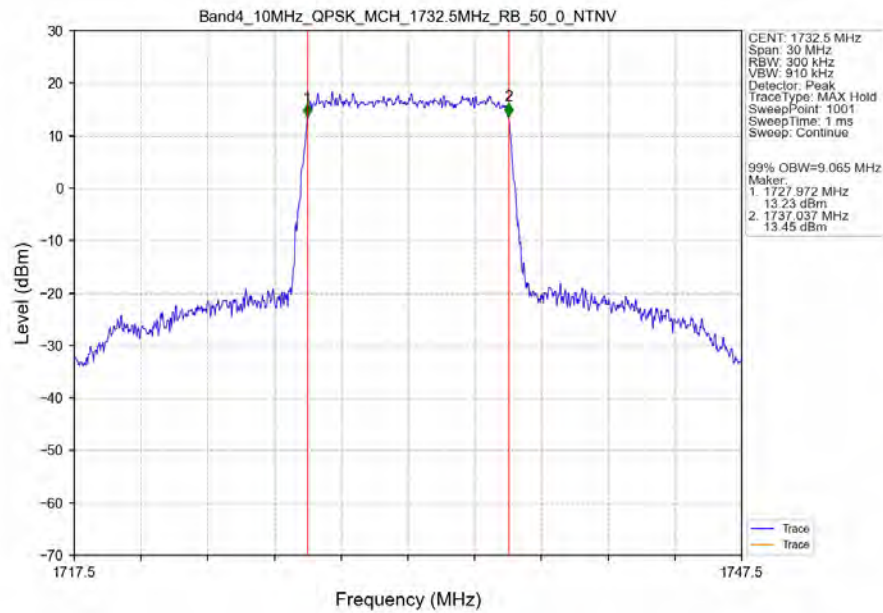
# Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



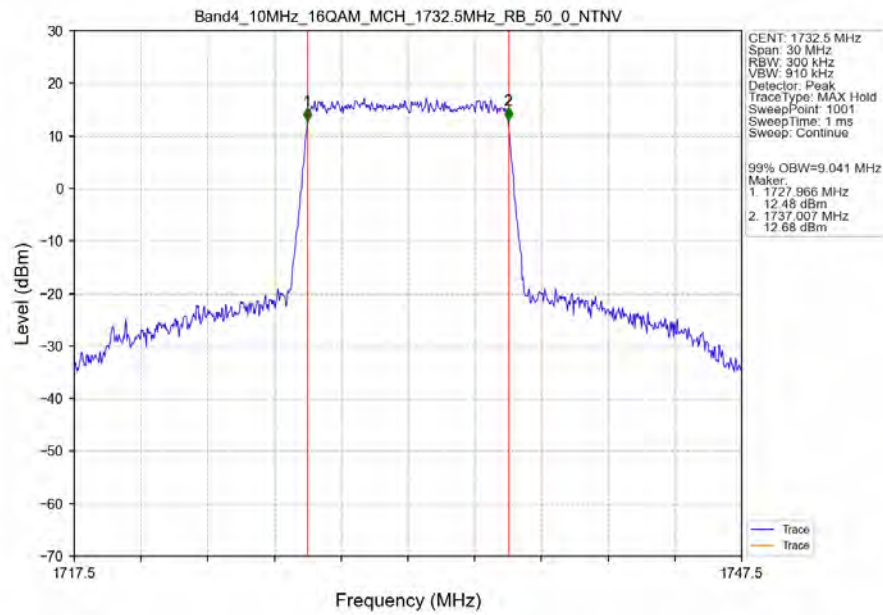
# Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



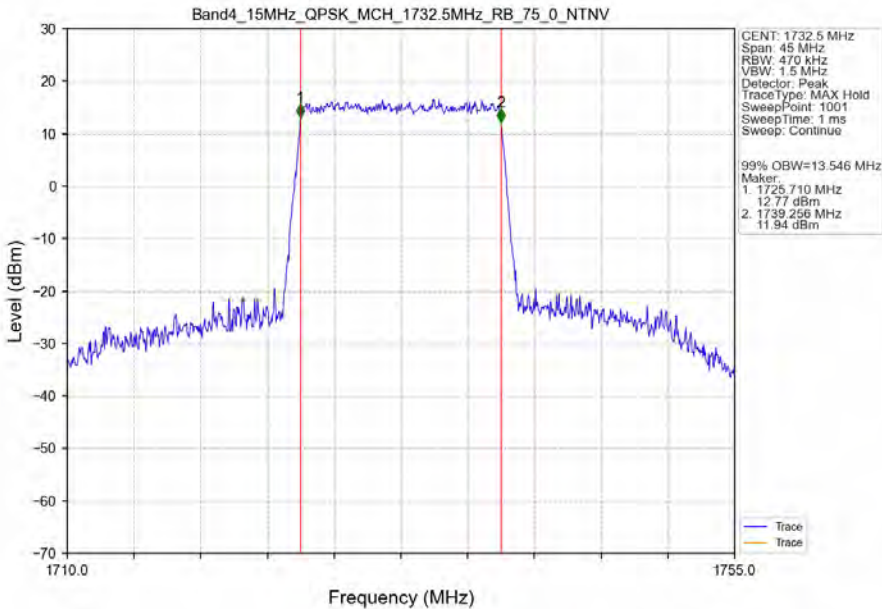
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTN



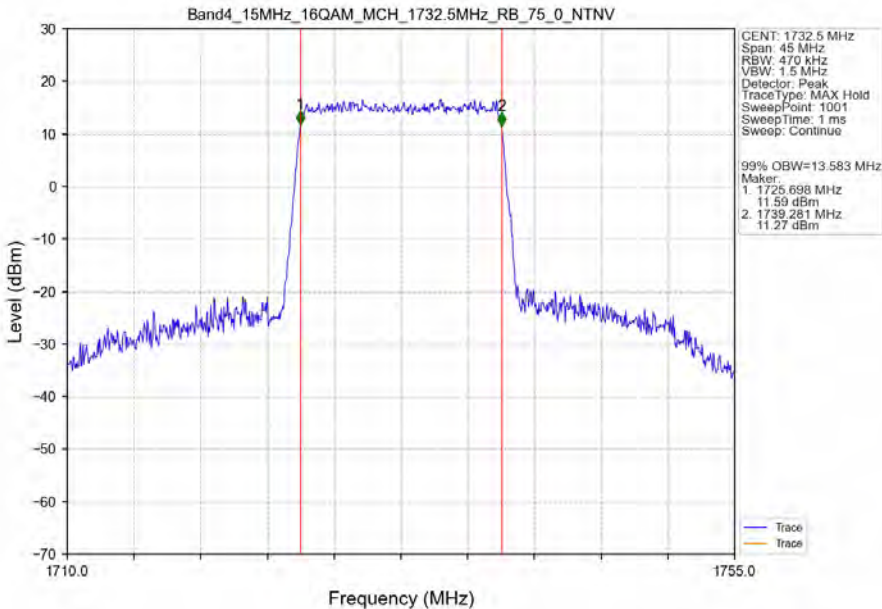
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTN



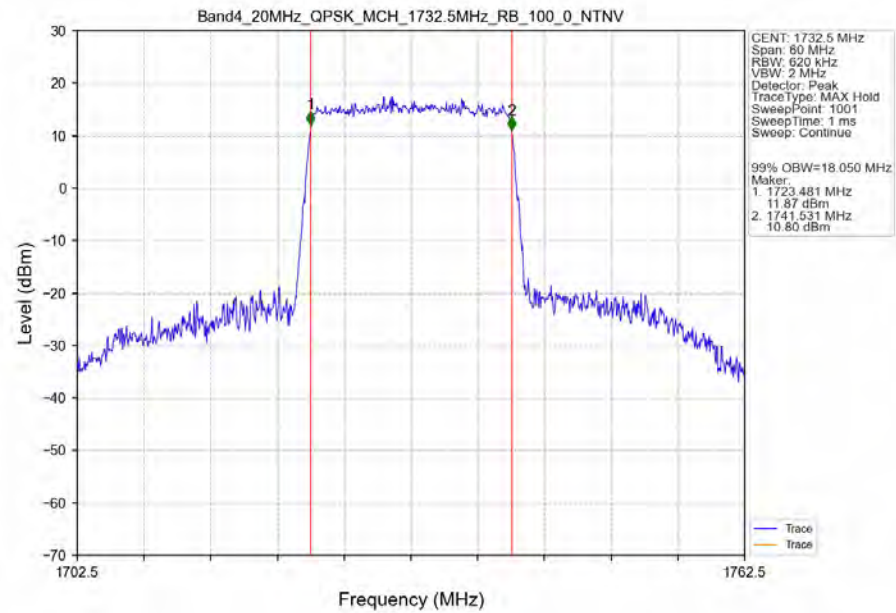
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTV



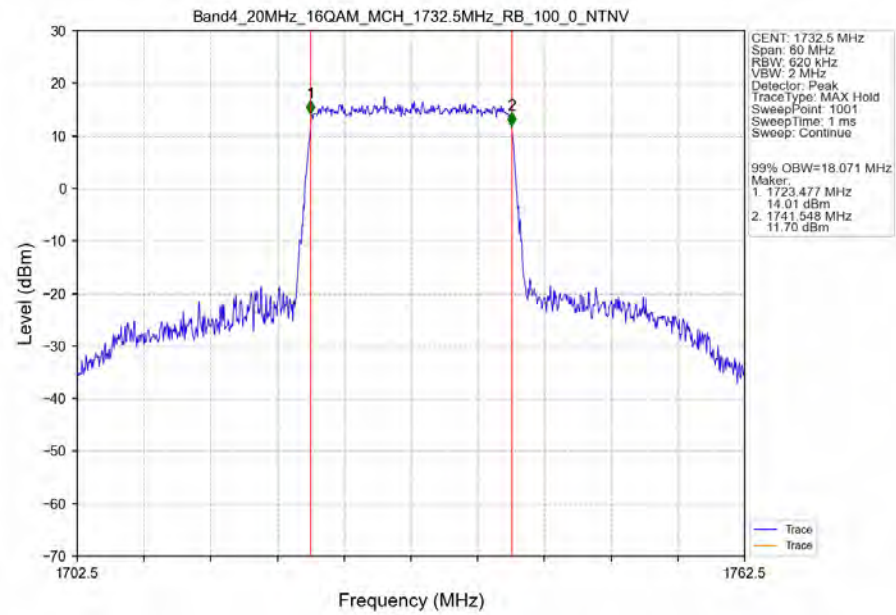
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTV



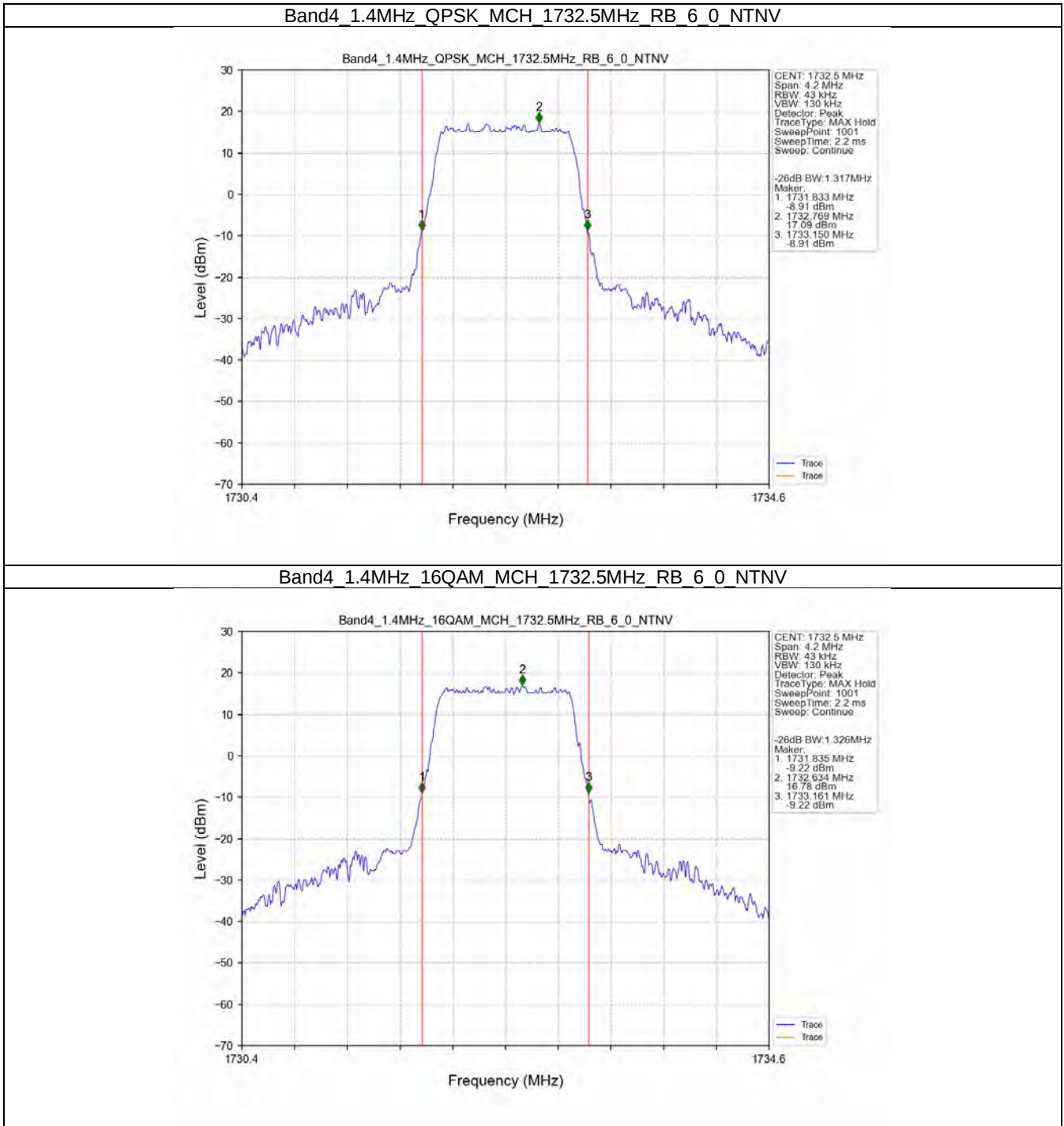
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



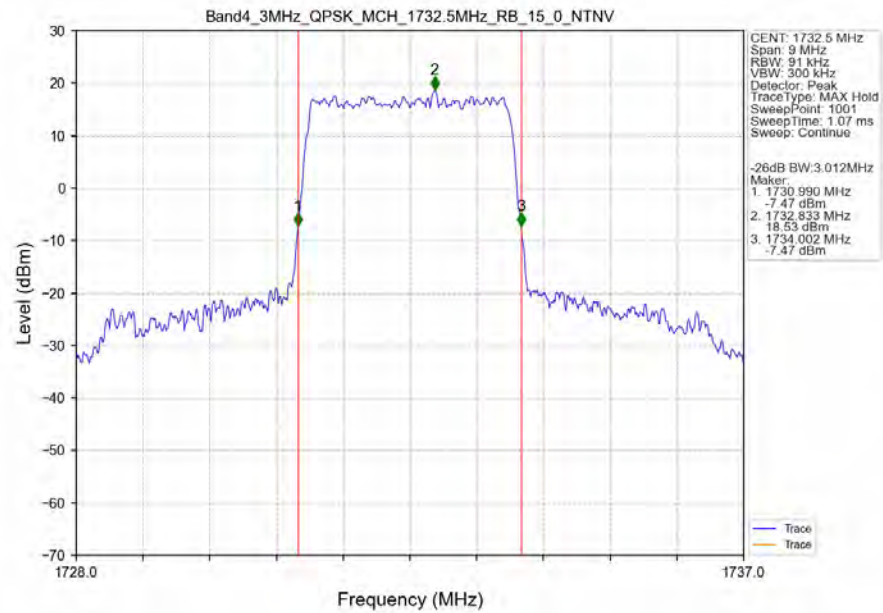
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTN



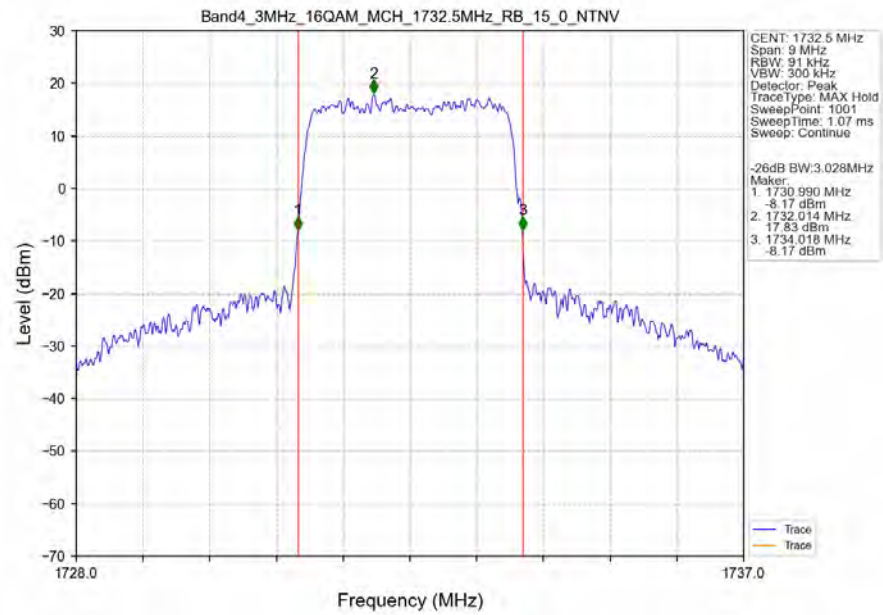
3.2.2 Band4\_XDB



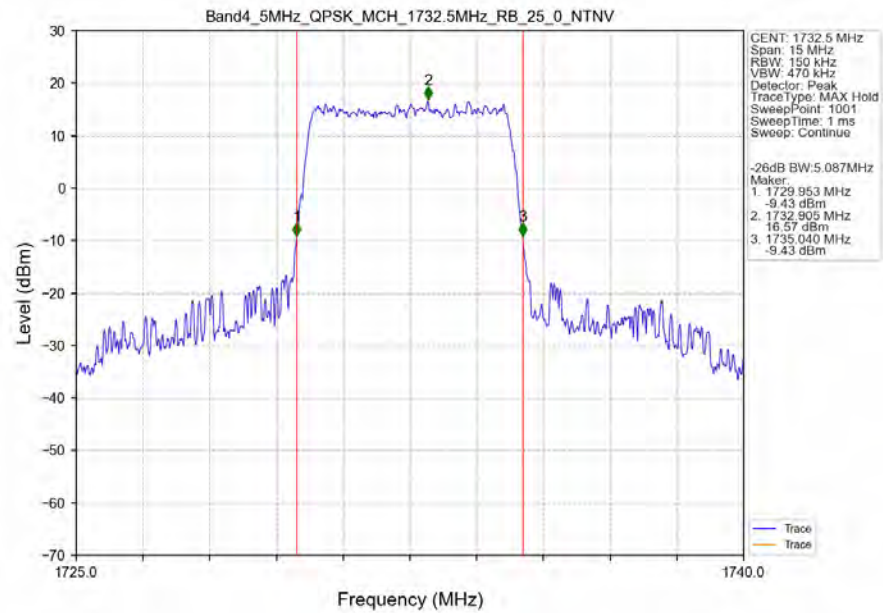
# Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



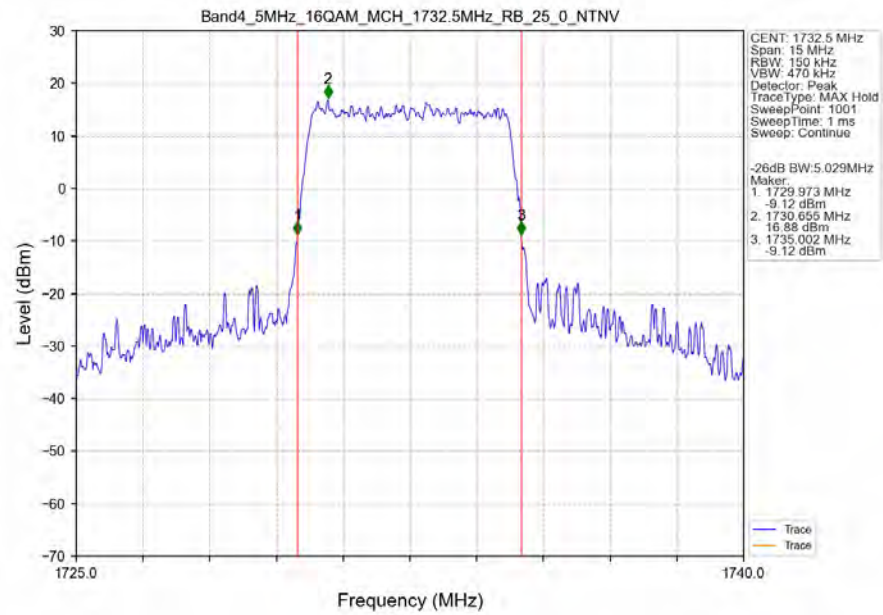
# Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



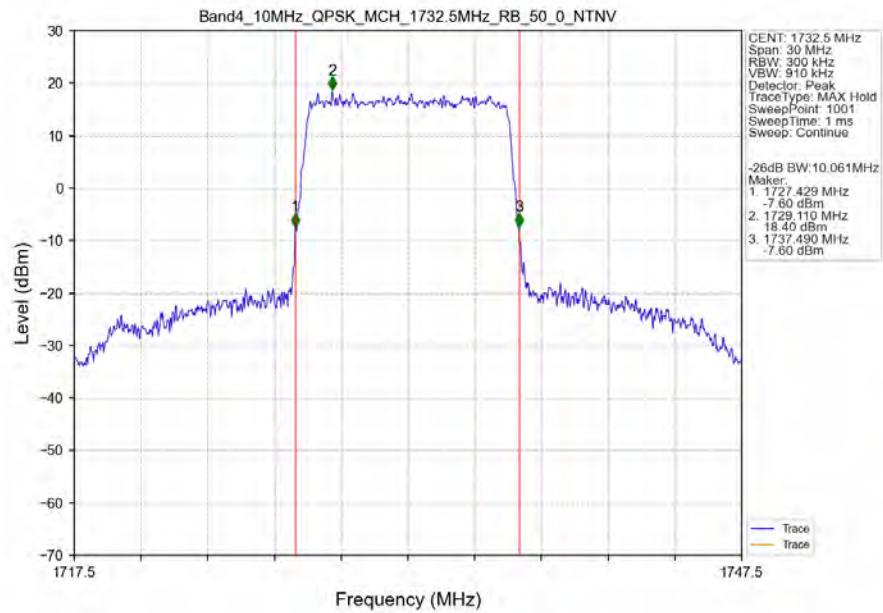
# Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



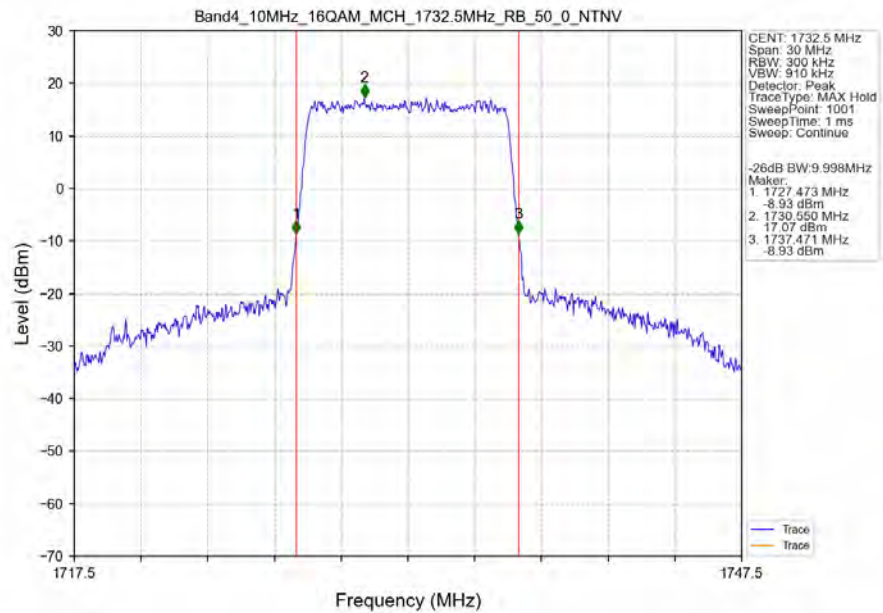
# Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



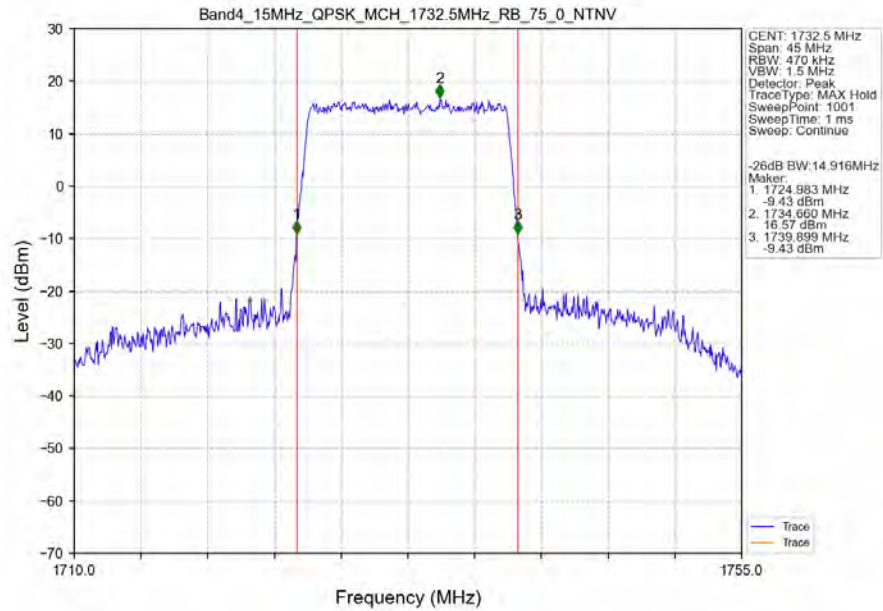
# Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTV



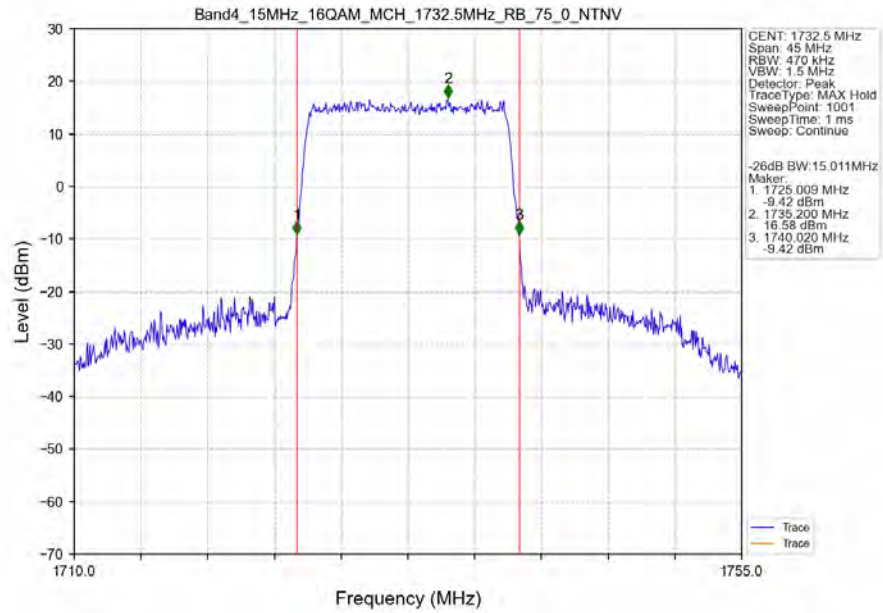
# Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTV



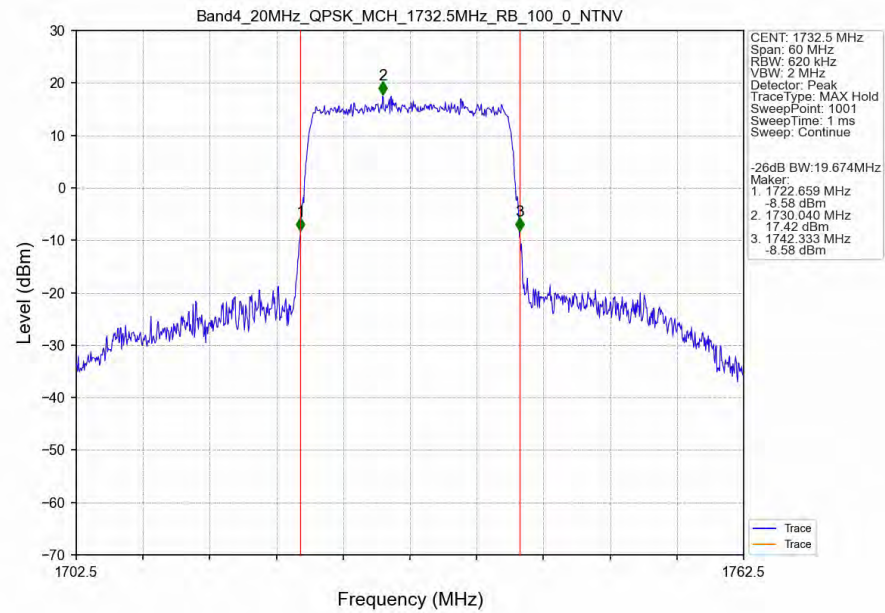
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTV



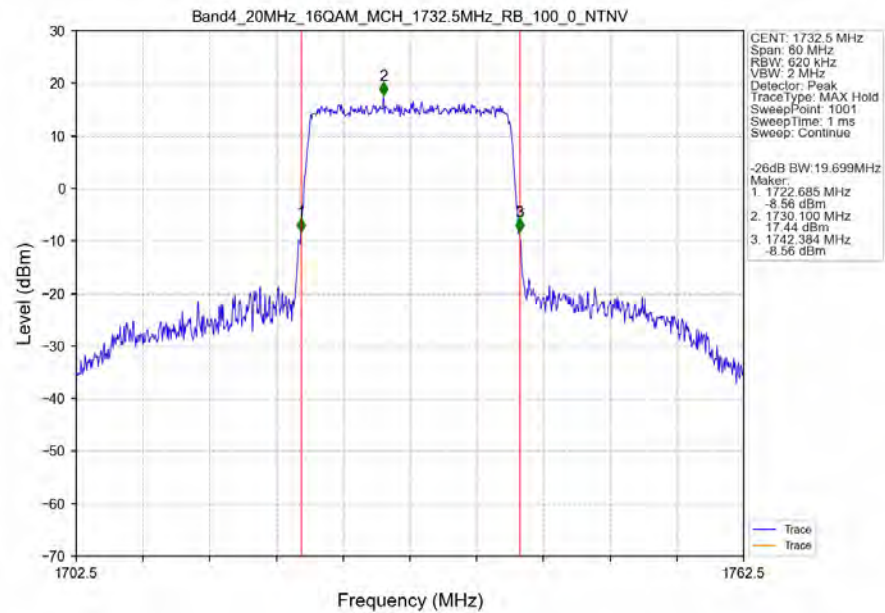
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTV



# Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



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



4. Peak-Average Ratio

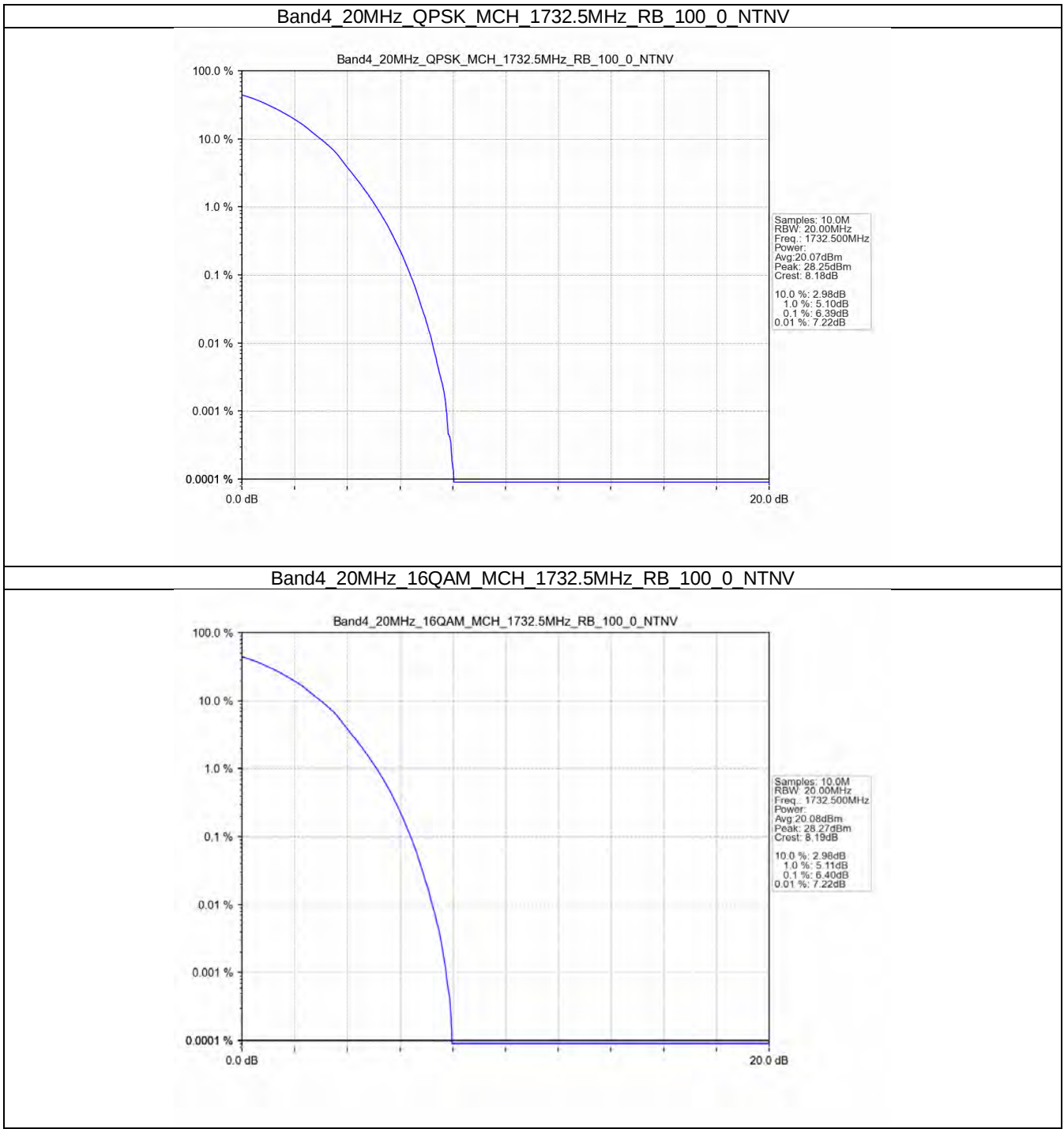
4.1 Test Result

4.1.1 B4\_20MHz

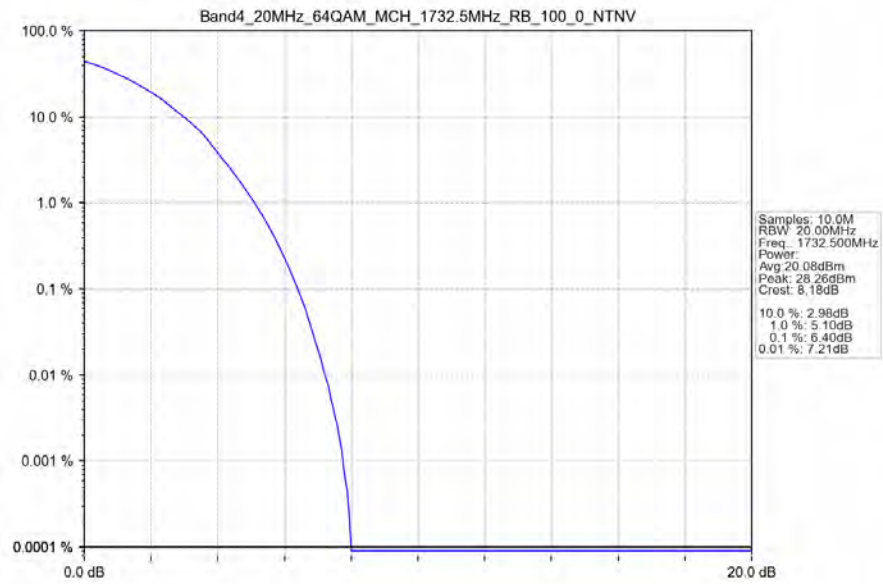
| Band: 4 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1732.5          | 100           | 0      | 6.39                    | <=13  | Pass    |
| 16QAM                             | 1732.5          | 100           | 0      | 6.40                    | <=13  | Pass    |
| 64QAM                             | 1732.5          | 100           | 0      | 6.40                    | <=13  | Pass    |
| 256QAM                            | 1732.5          | 100           | 0      | 6.72                    | <=13  | Pass    |

4.2 Test Graph

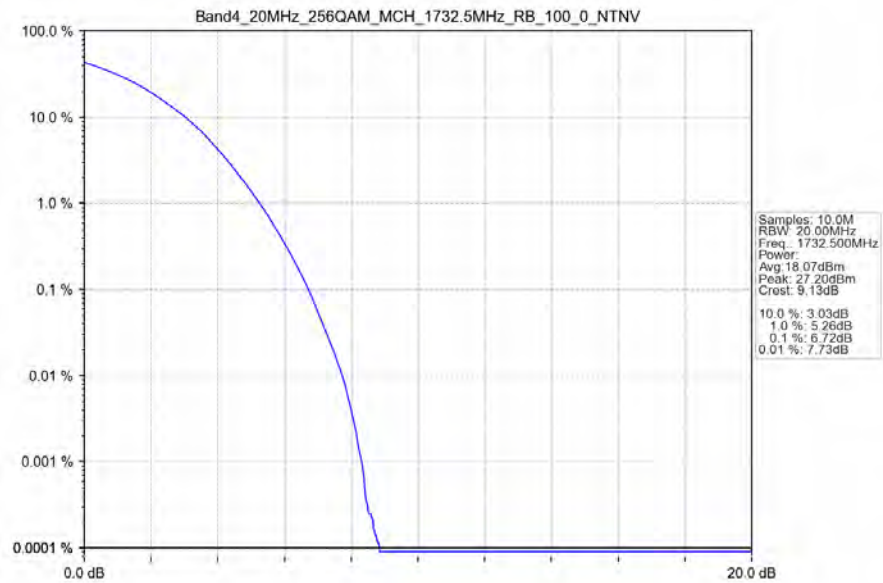
4.2.1 B4\_20MHz



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



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



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B4\_1.4MHz

| Band: 4 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1710.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 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 / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 1715            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 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

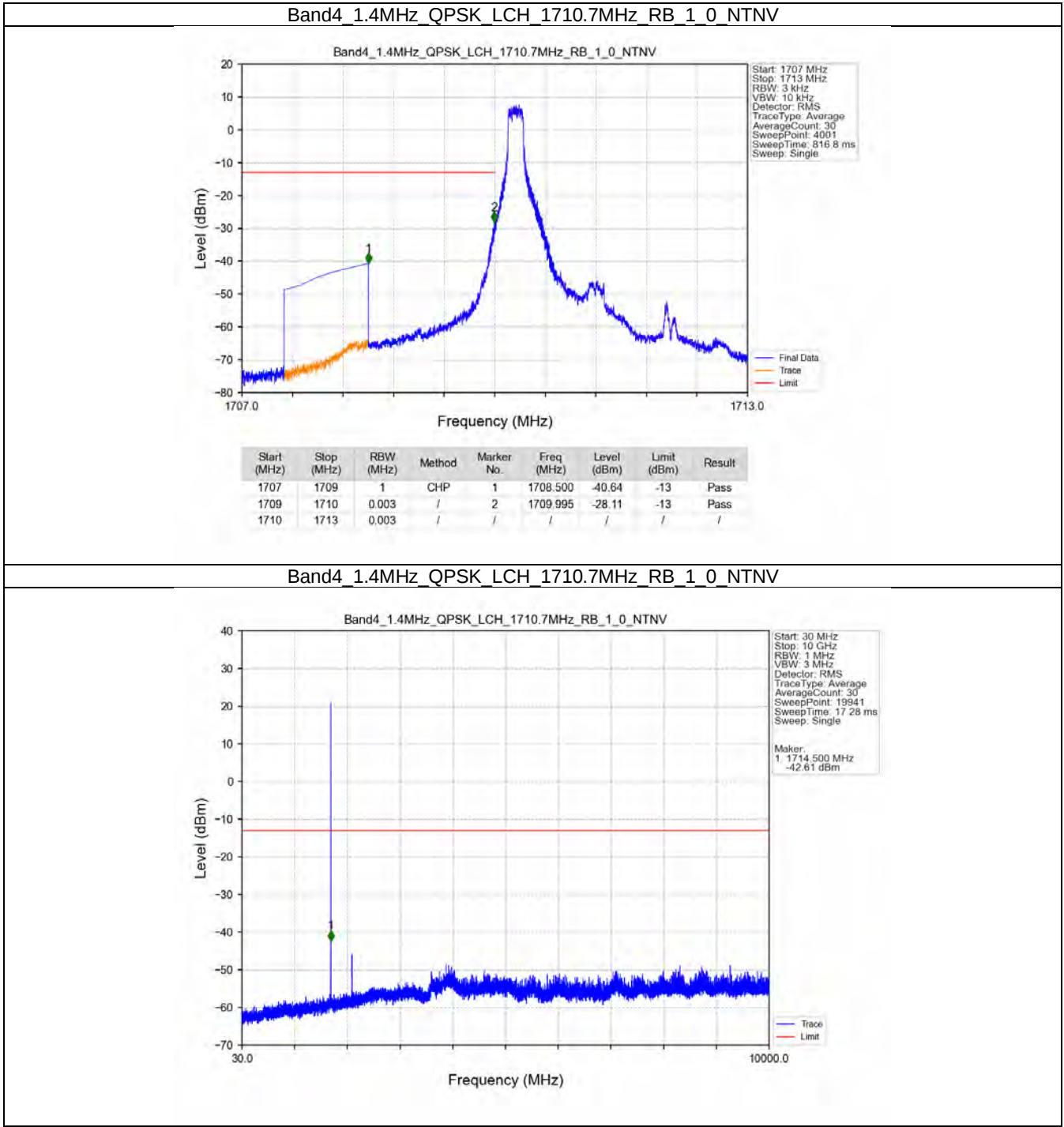
| Band: 4 / Bandwidth: 15MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | 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

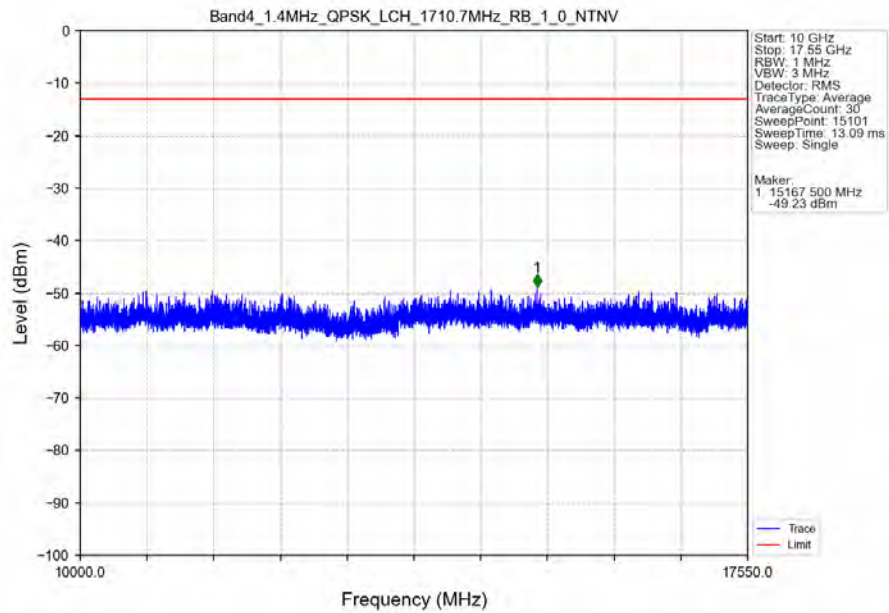
| Band: 4 / Bandwidth: 20MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | 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

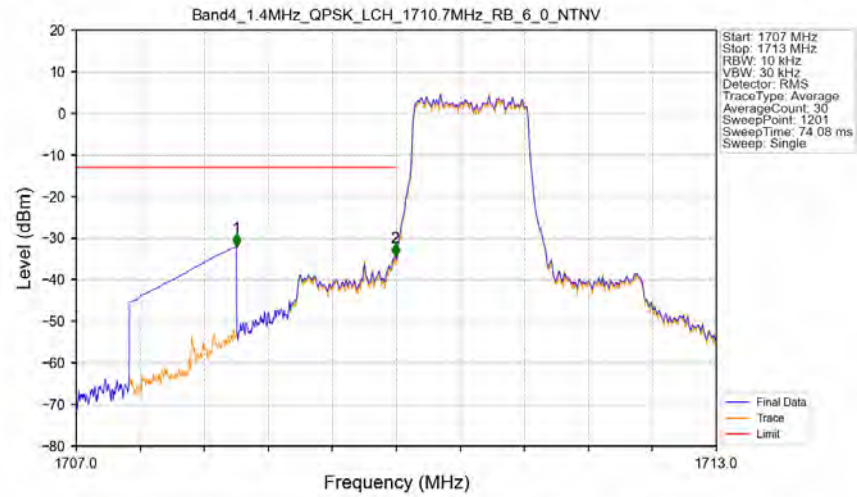
5.2.1 B4\_1.4MHz



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

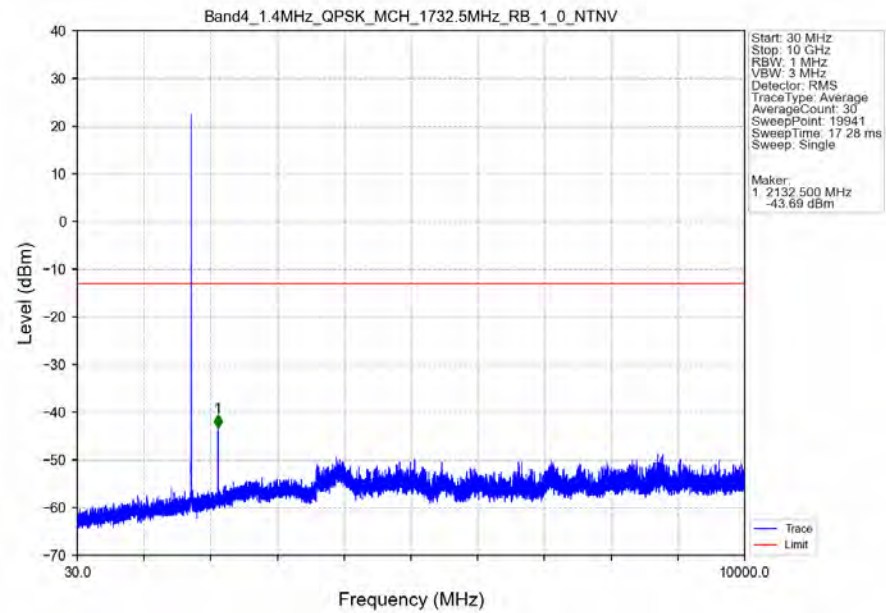


# Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

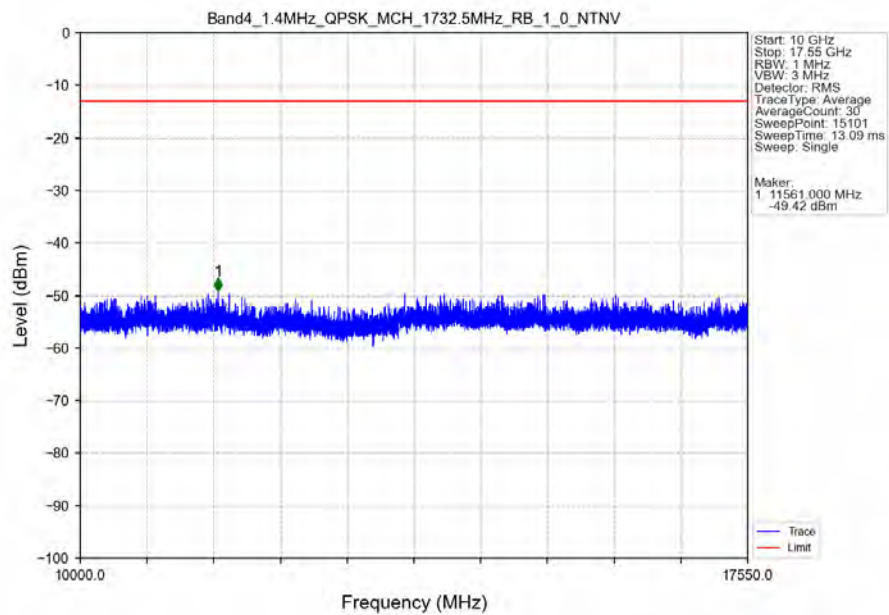


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -32.01      | -13         | Pass   |
| 1709        | 1710       | 0.013     | CHP    | 2          | 1709.990   | -34.34      | -13         | Pass   |
| 1710        | 1713       | 0.013     | CHP    | /          | /          | /           | /           | /      |

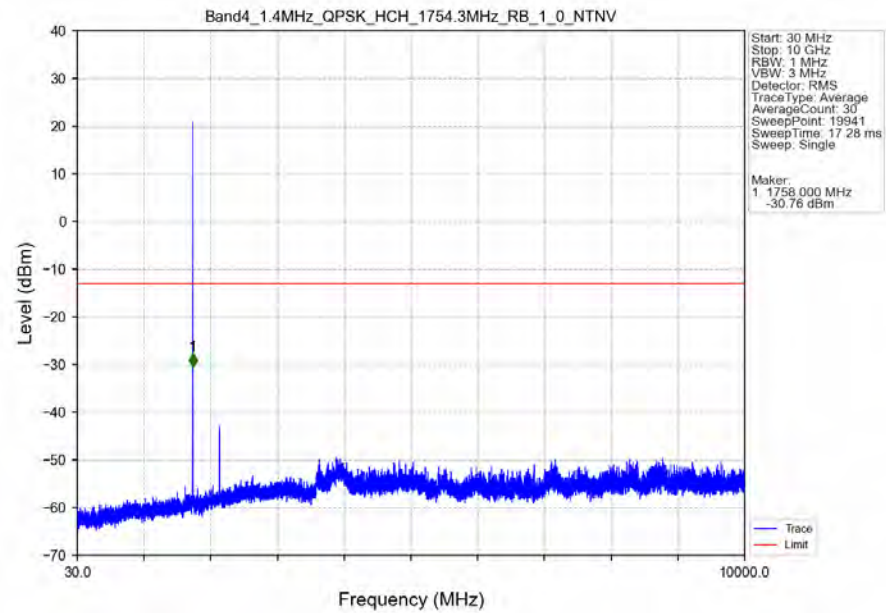
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



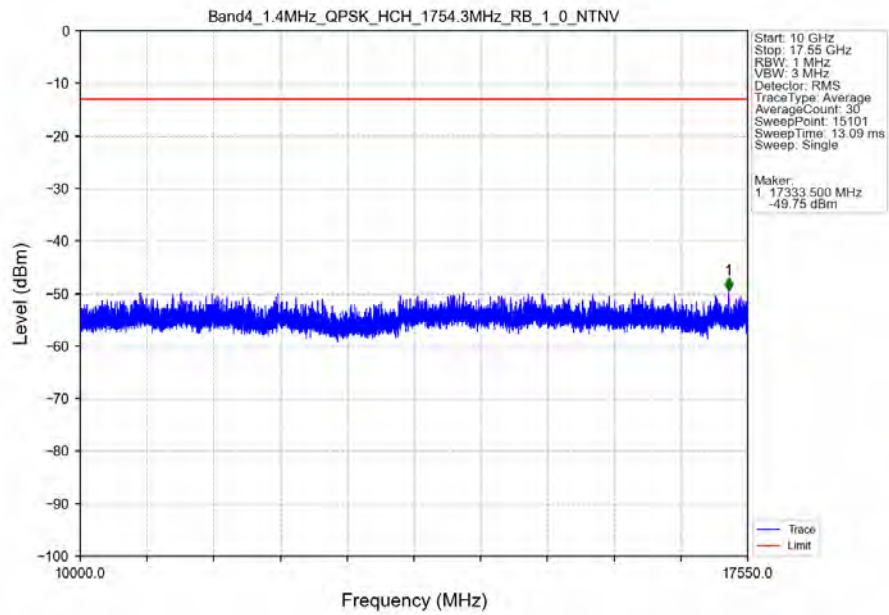
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



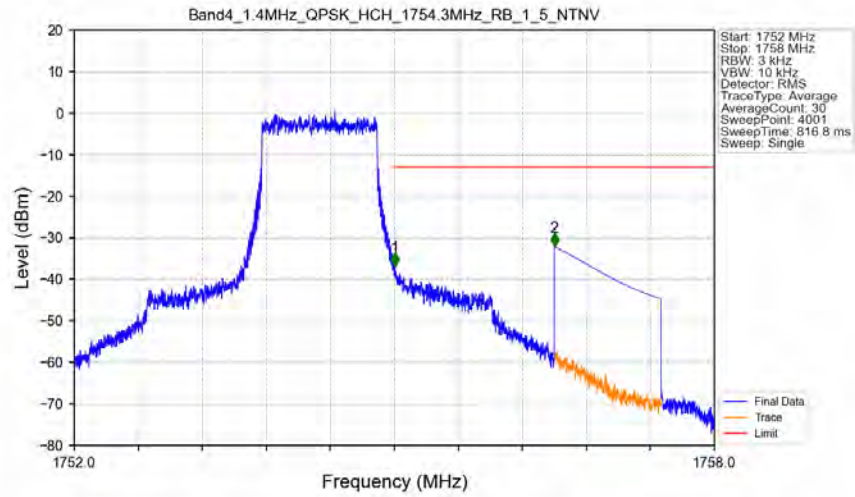
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV

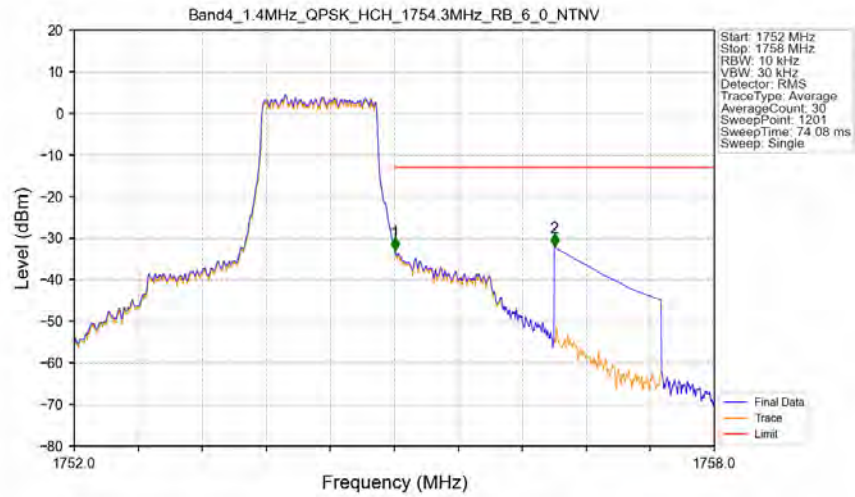


# Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



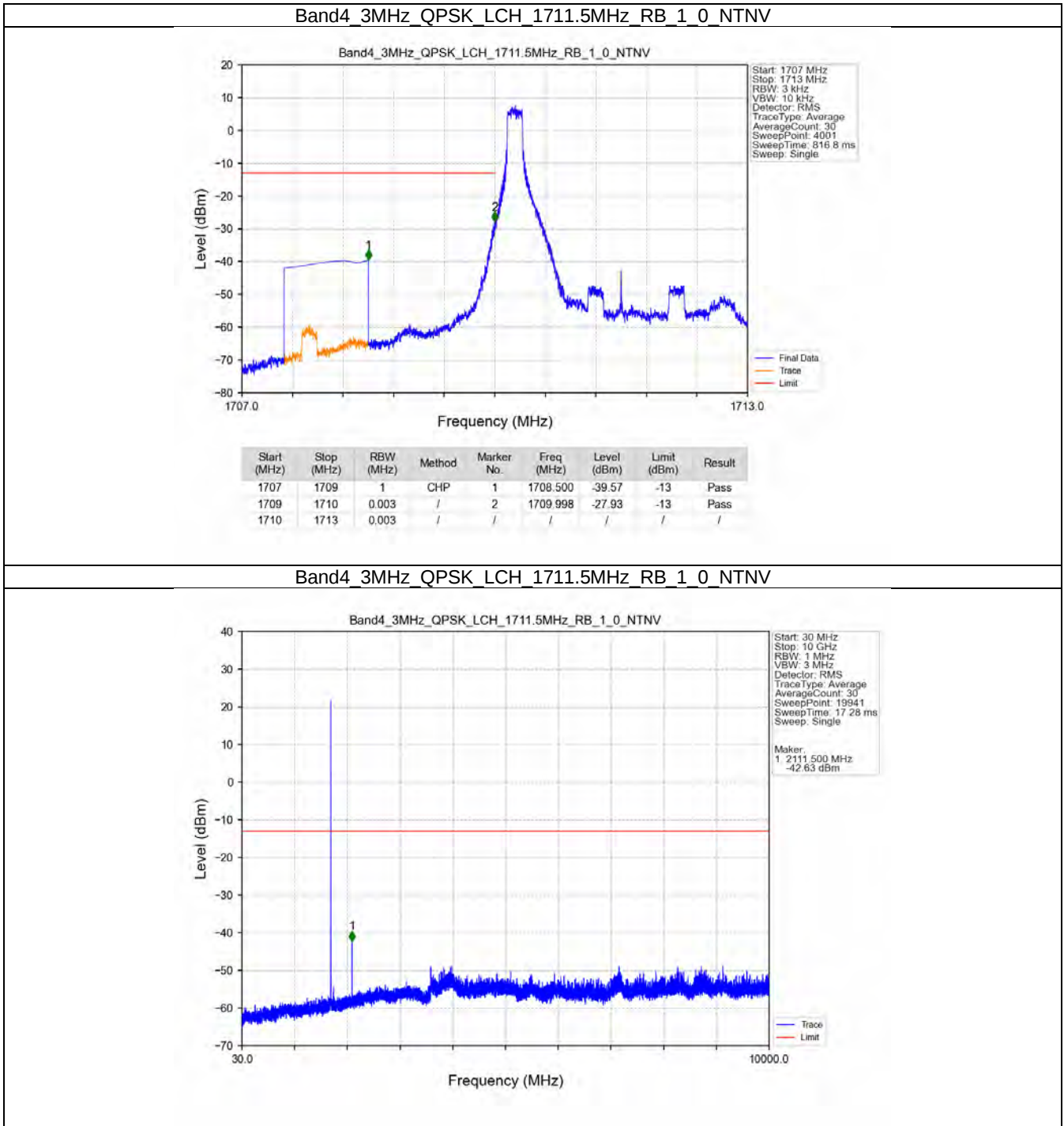
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1752        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.006   | -36.75      | -13         | Pass   |
| 1756        | 1758       | 1         | CHP    | 2          | 1756.500   | -32.01      | -13         | Pass   |

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

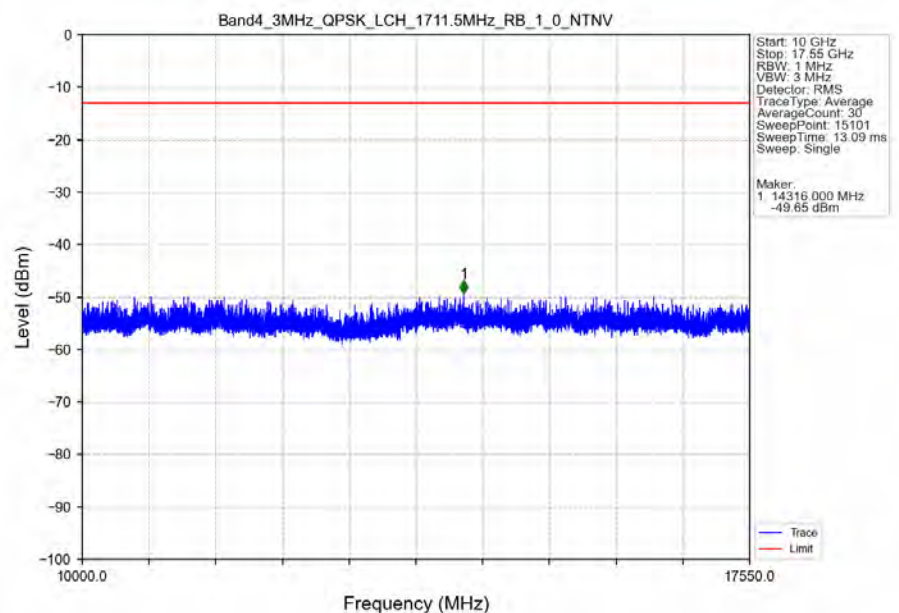


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1752        | 1755       | 0.013     | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.013     | CHP    | 1          | 1755.005   | -32.93      | -13         | Pass   |
| 1756        | 1758       | 1         | CHP    | 2          | 1756.500   | -32.11      | -13         | Pass   |

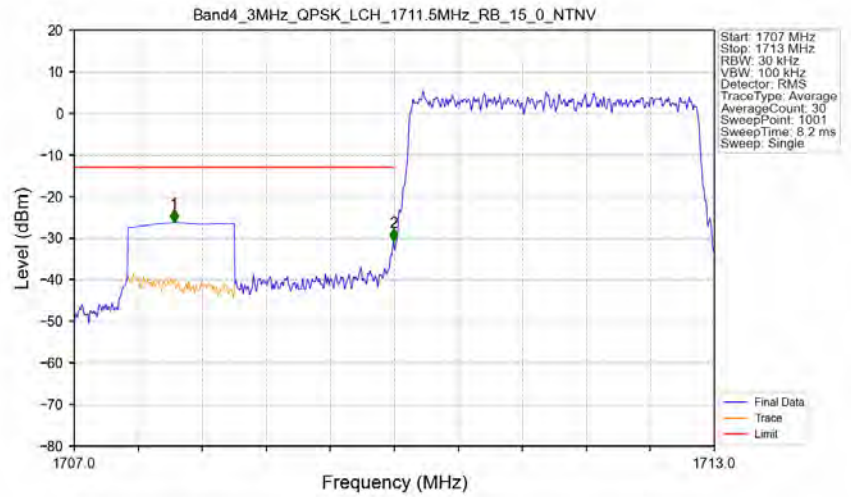
5.2.2 B4\_3MHz



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN

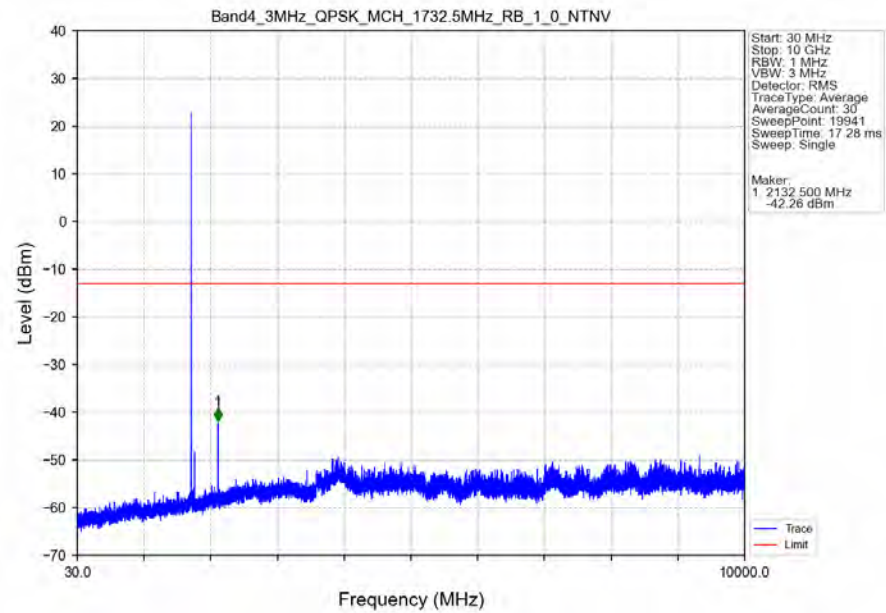


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN

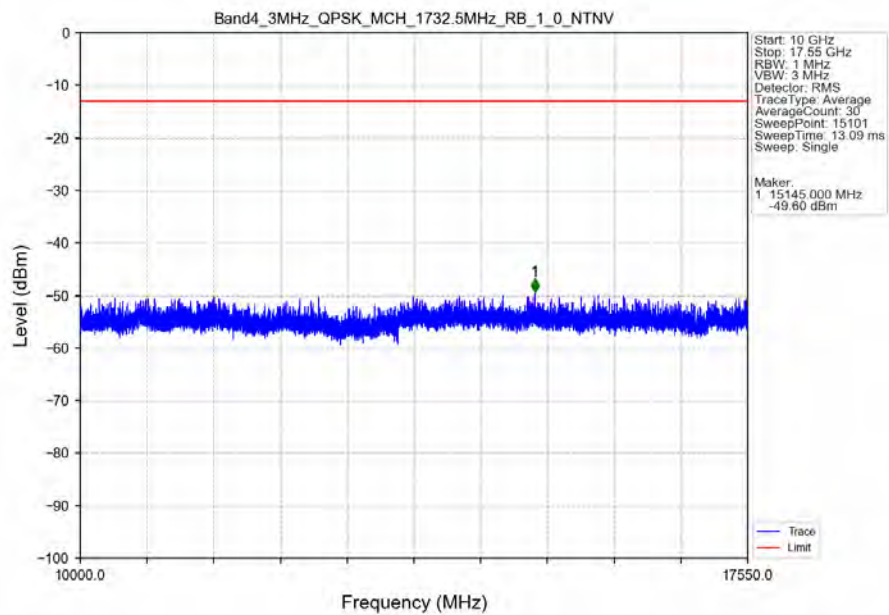


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1707.936   | -26.25      | -13         | Pass   |
| 1709        | 1710       | 0.03      | /      | 2          | 1709.994   | -30.85      | -13         | Pass   |
| 1710        | 1713       | 0.03      | /      | /          | /          | /           | /           | /      |

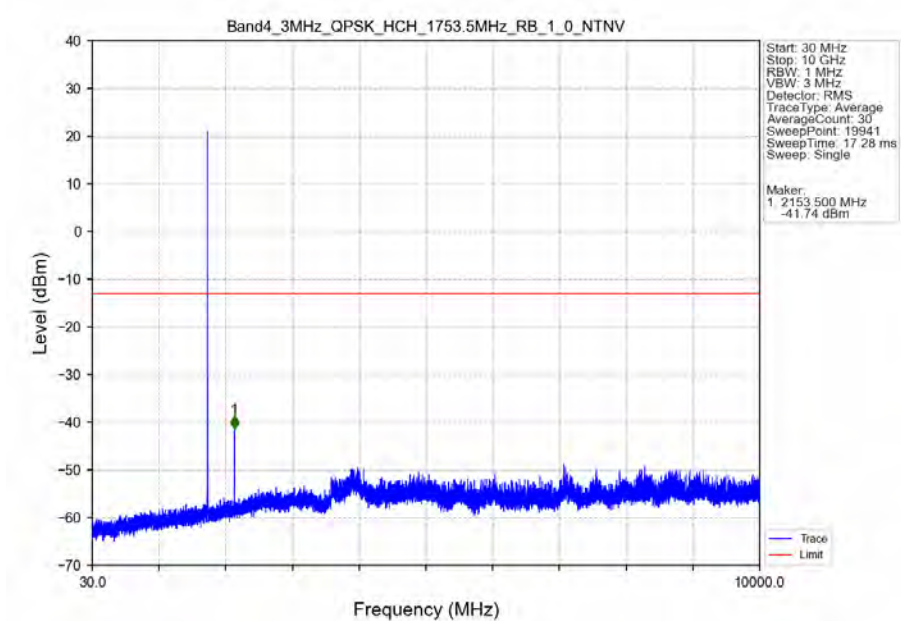
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



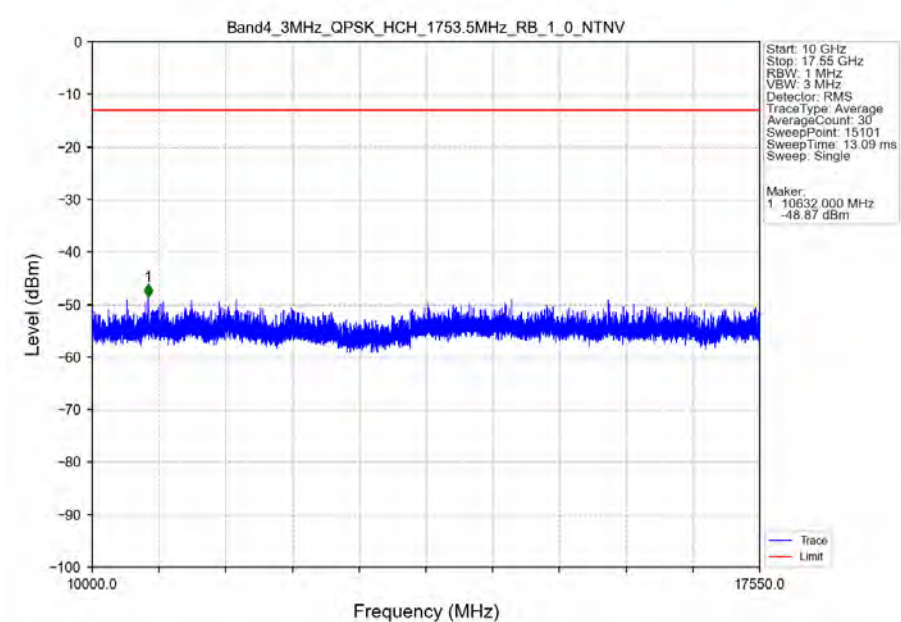
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



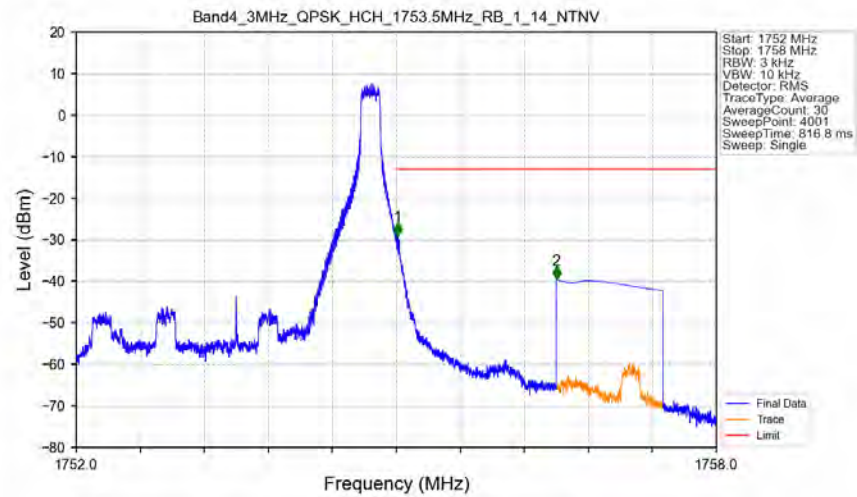
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTNV



Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTNV

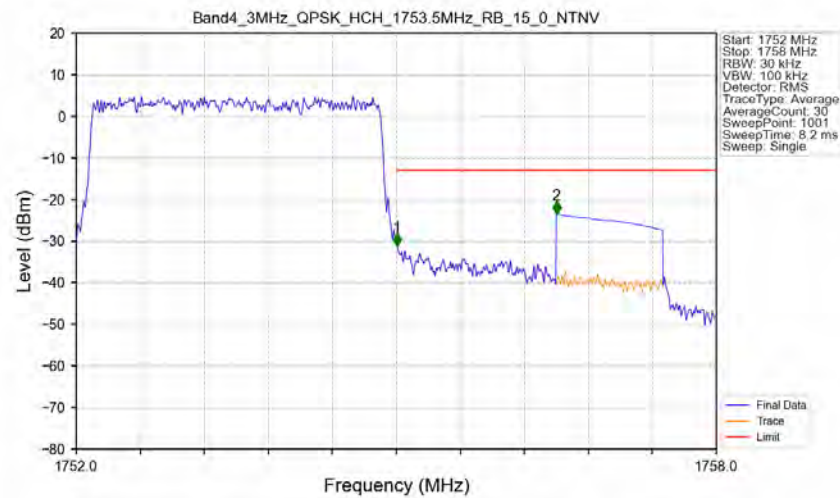


# Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



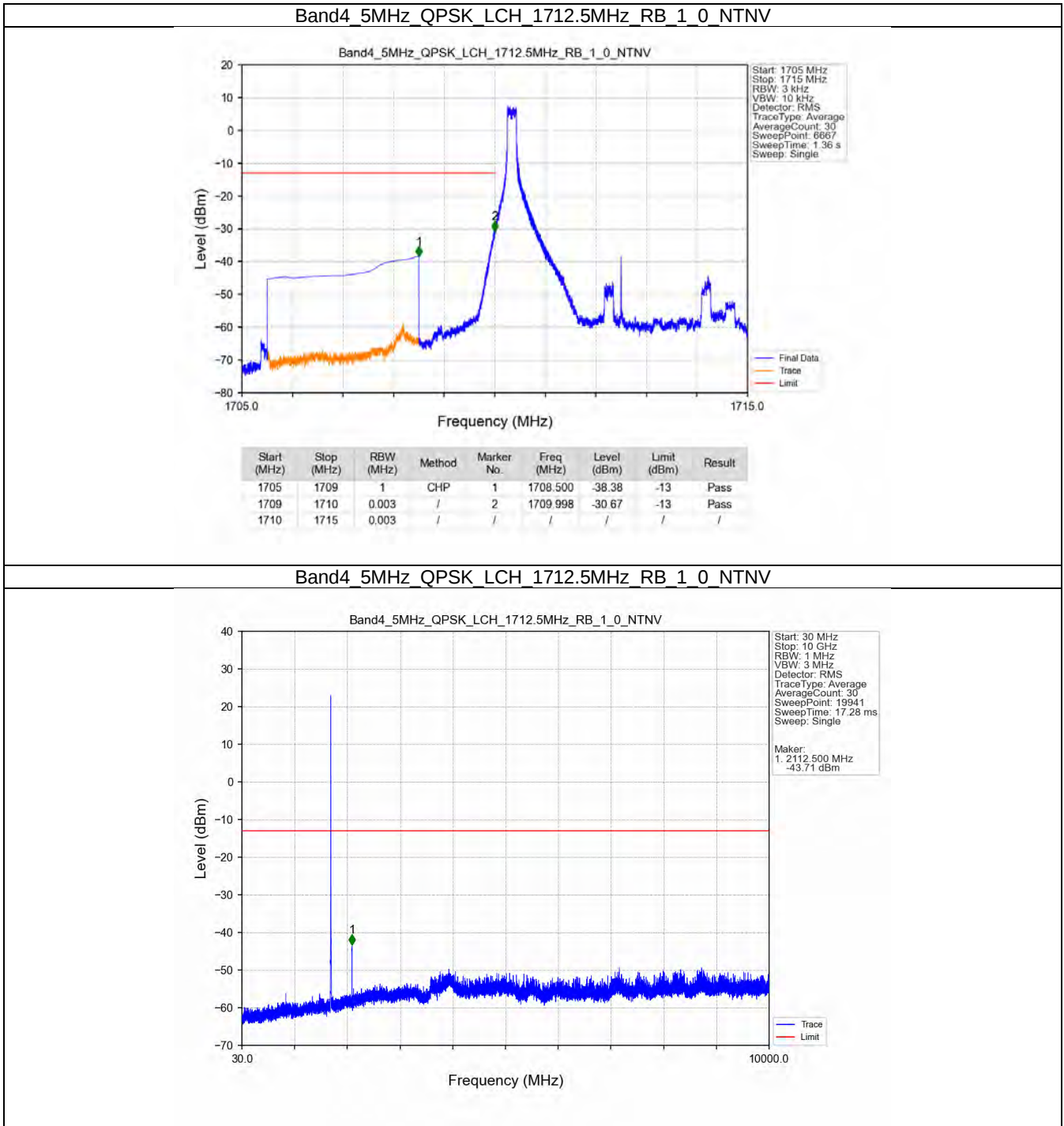
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1752        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.012   | -29.02      | -13         | Pass   |
| 1756        | 1758       | 1         | CHP    | 2          | 1756.500   | -39.51      | -13         | Pass   |

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

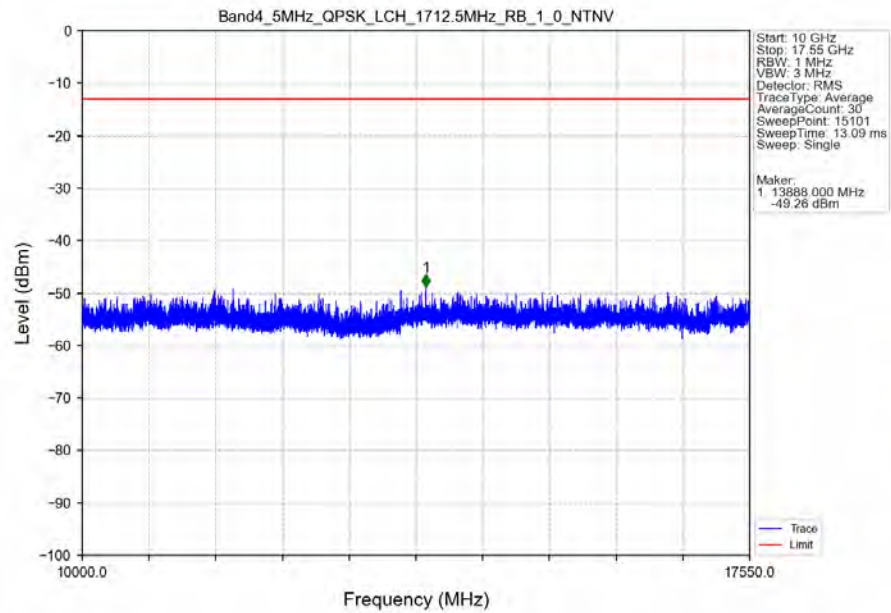


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1752        | 1755       | 0.03      | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.03      | /      | 1          | 1755.006   | -31.18      | -13         | Pass   |
| 1756        | 1758       | 1         | CHP    | 2          | 1756.500   | -23.48      | -13         | Pass   |

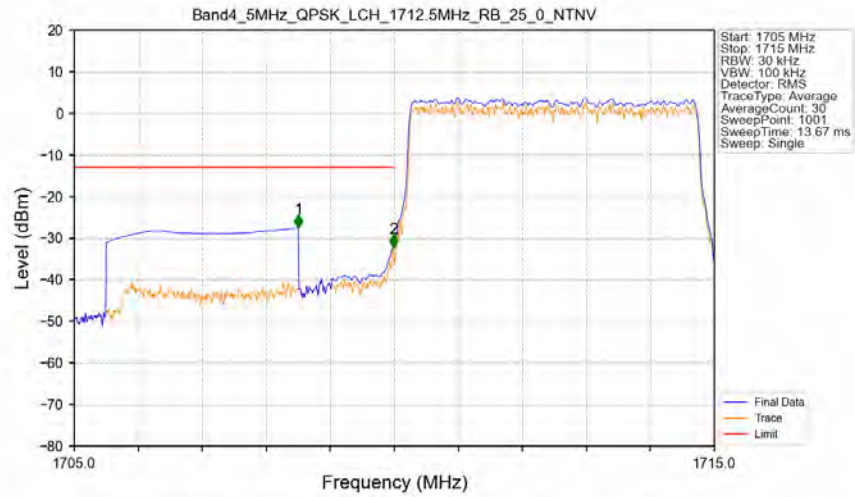
5.2.3 B4\_5MHz



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN

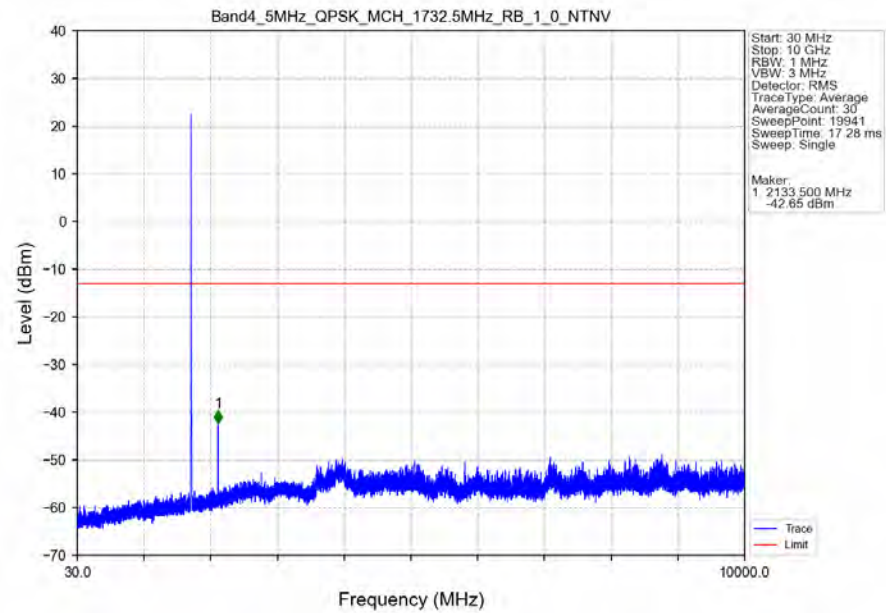


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN

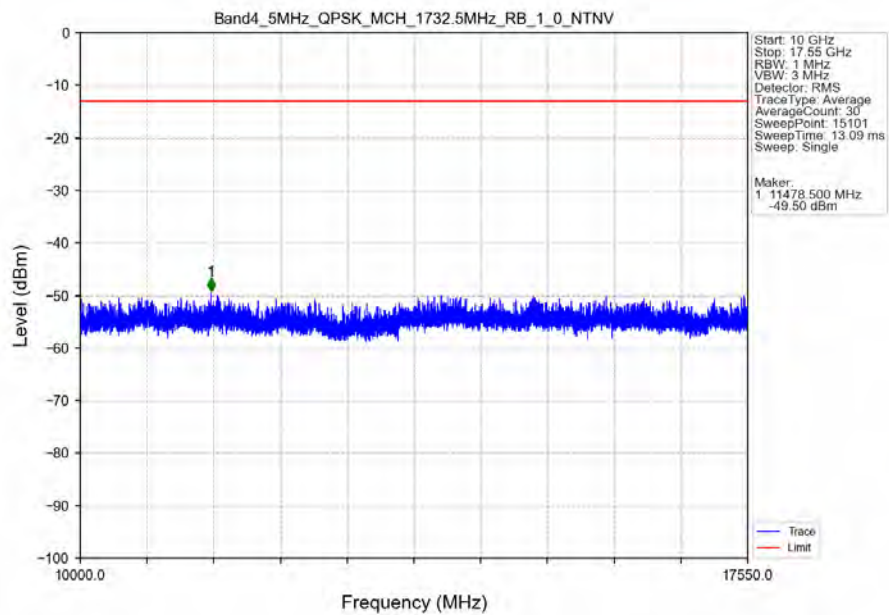


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | CHP    | 1          | 1708.500   | -27.54      | -13         | Pass   |
| 1709        | 1710       | 0.051     | CHP    | 2          | 1709.990   | -32.24      | -13         | Pass   |
| 1710        | 1715       | 0.051     | CHP    | /          | /          | /           | /           | /      |

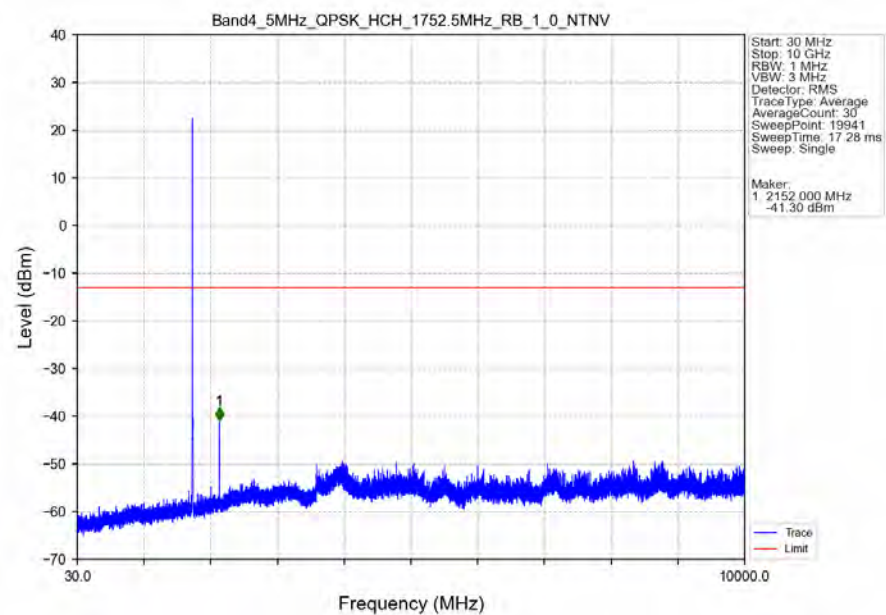
# Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



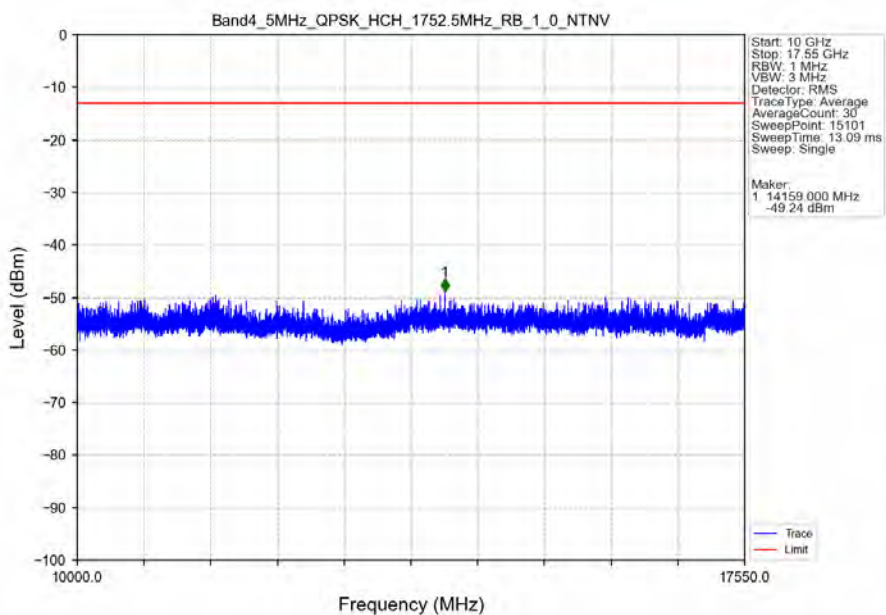
# Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



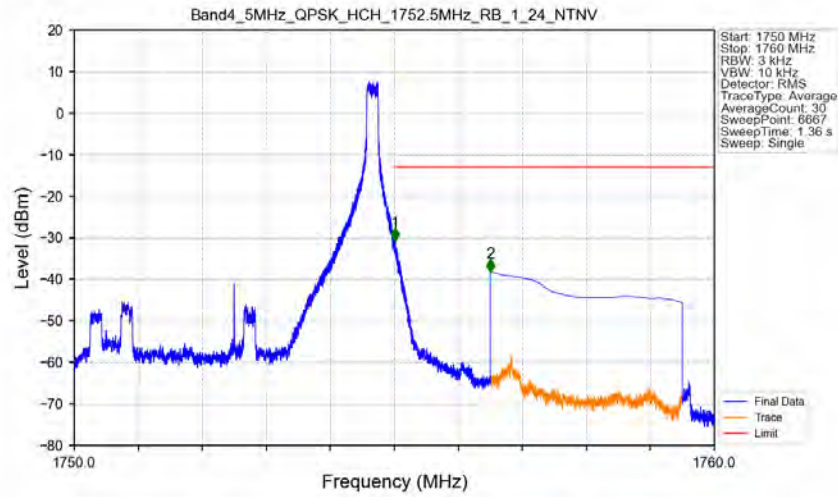
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN

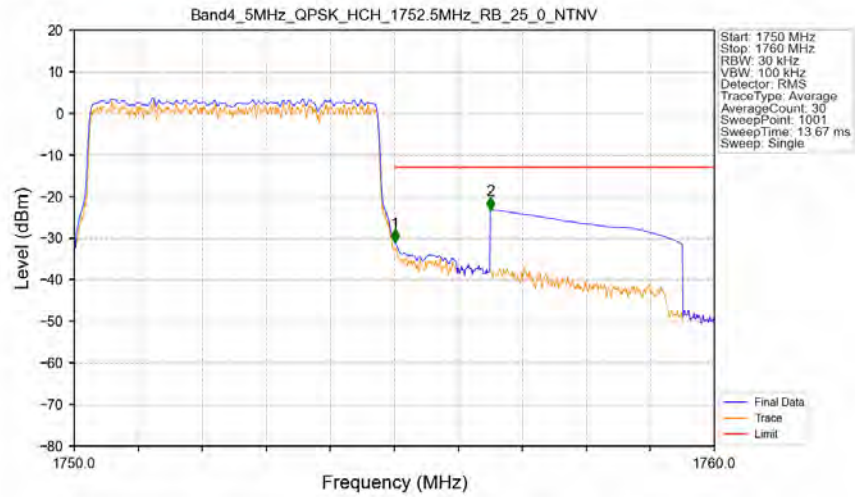


# Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



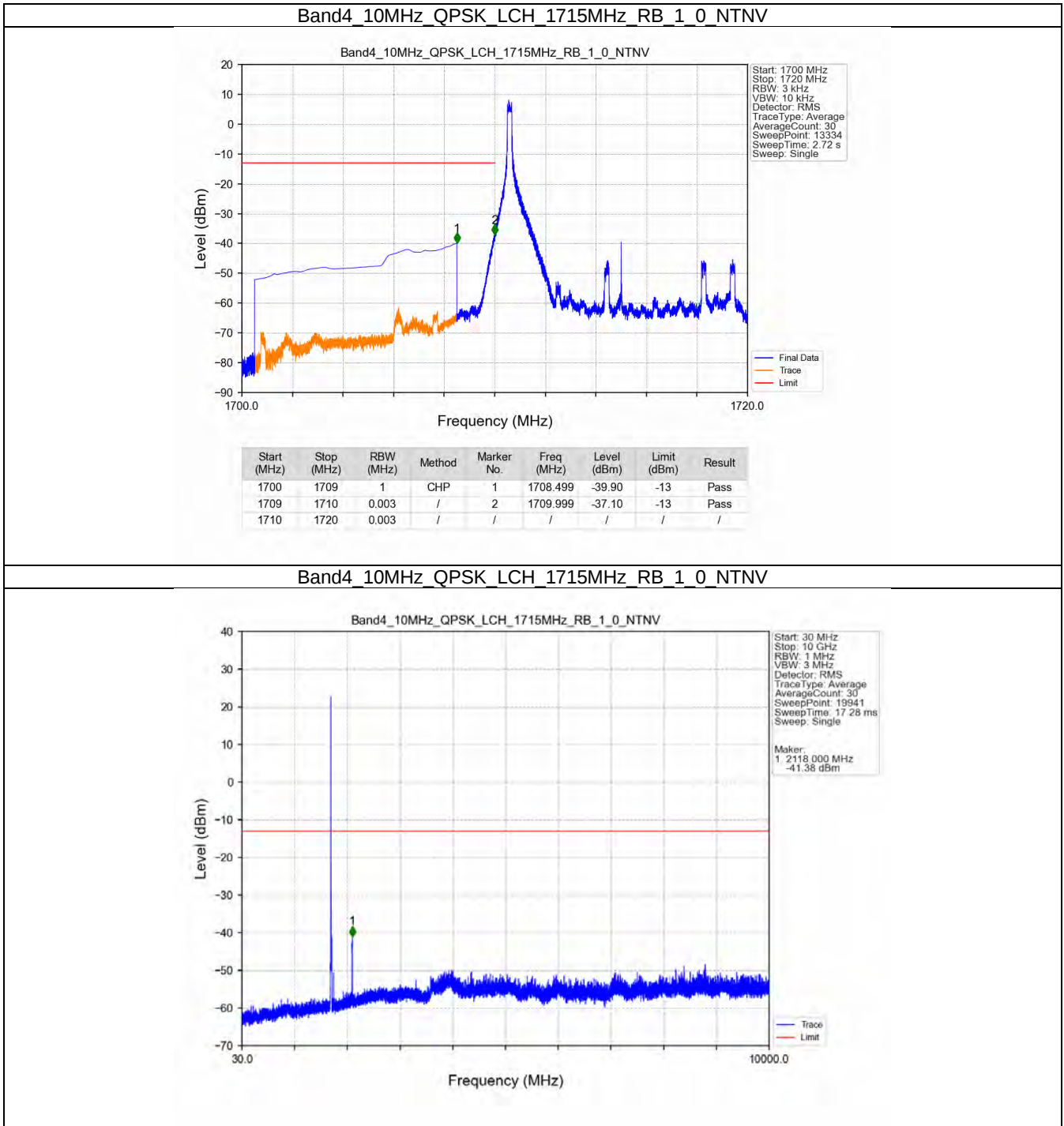
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1750        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.011   | -30.69      | -13         | Pass   |
| 1756        | 1760       | 1         | CHP    | 2          | 1756.500   | -38.22      | -13         | Pass   |

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

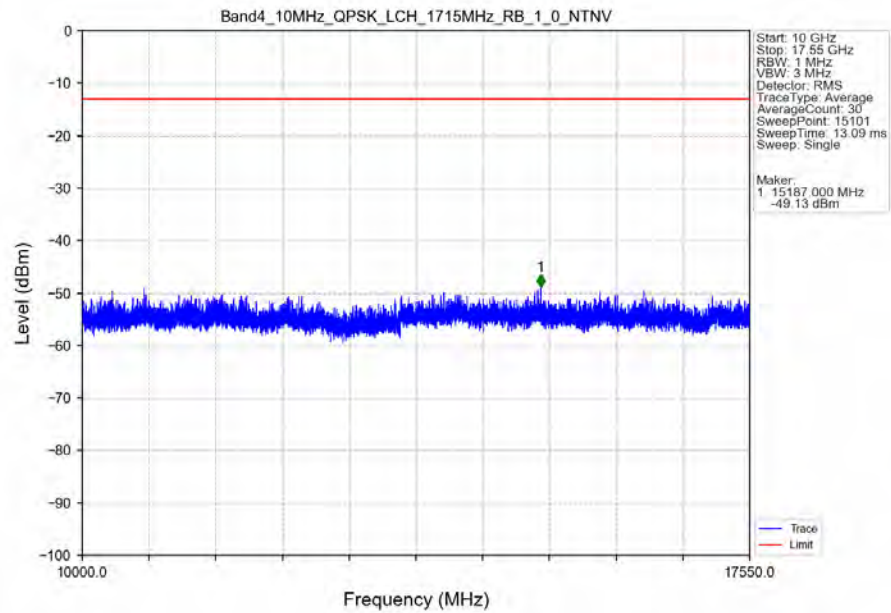


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1750        | 1755       | 0.05      | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.05      | CHP    | 1          | 1755.010   | -31.02      | -13         | Pass   |
| 1756        | 1760       | 1         | CHP    | 2          | 1756.500   | -23.21      | -13         | Pass   |

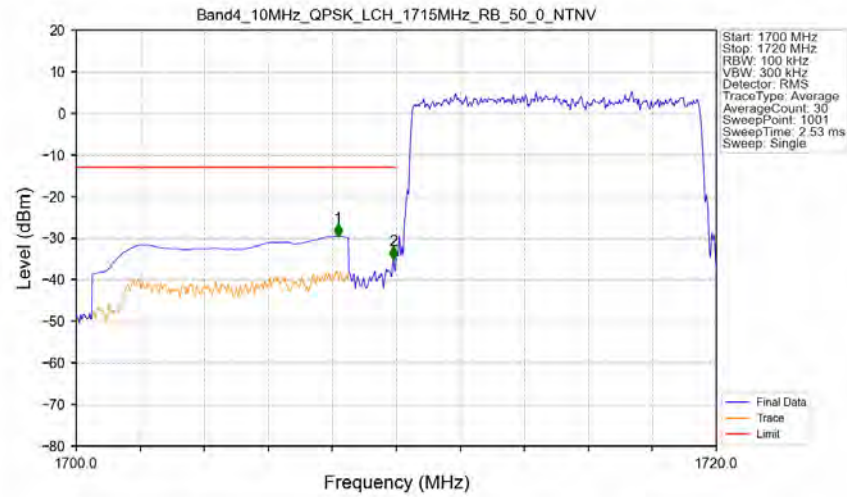
5.2.4 B4\_10MHz



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

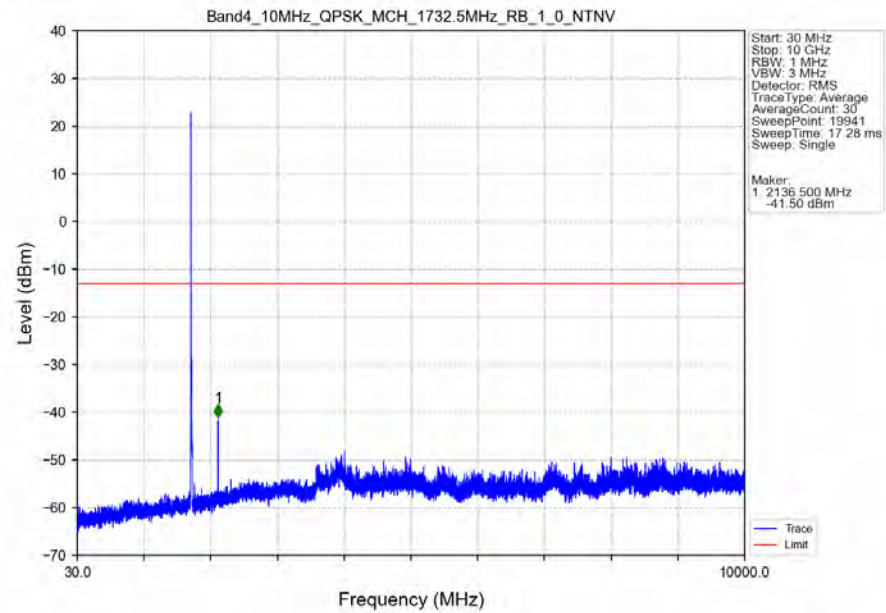


# Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN

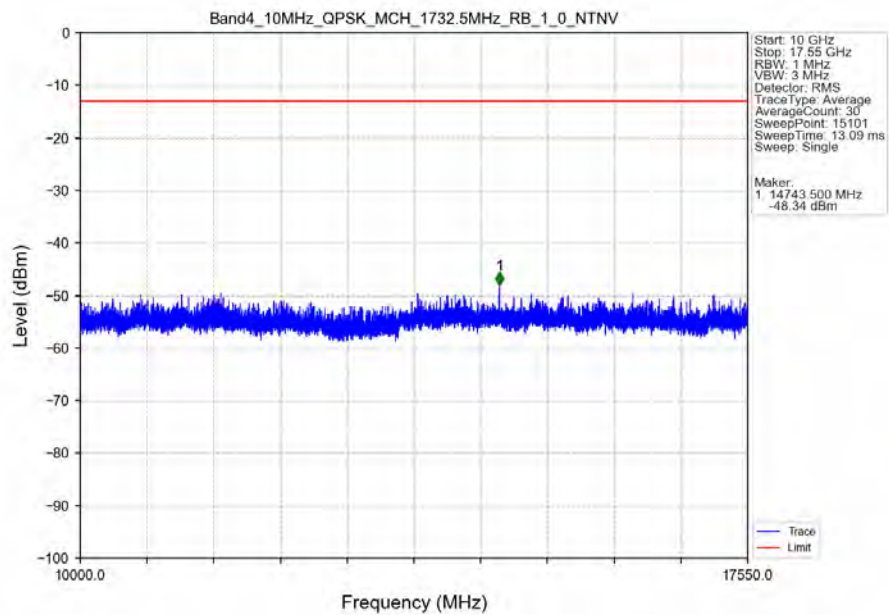


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | CHP    | 1          | 1708.180   | -29.60      | -13         | Pass   |
| 1709        | 1710       | 0.1       | /      | 2          | 1709.900   | -35.22      | -13         | Pass   |
| 1710        | 1720       | 0.1       | /      | /          | /          | /           | /           | /      |

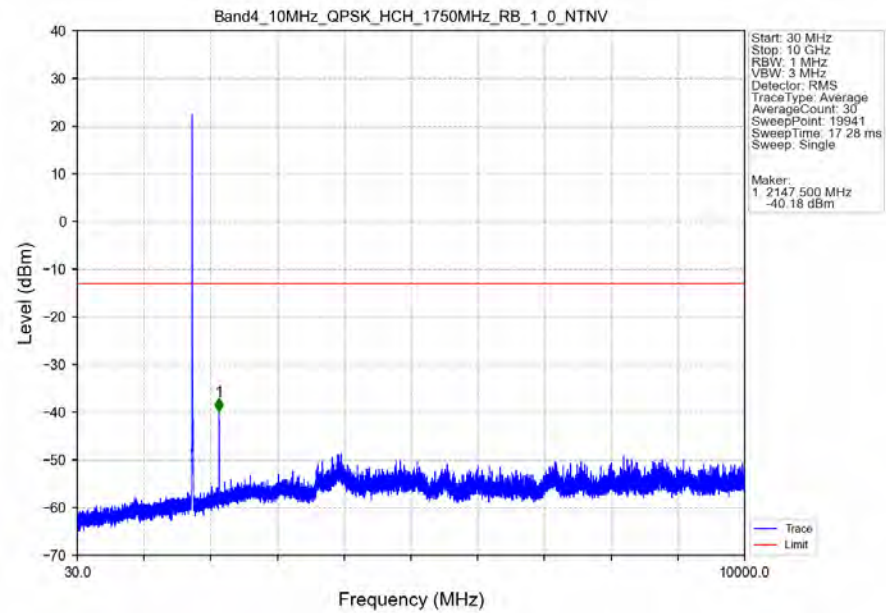
Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



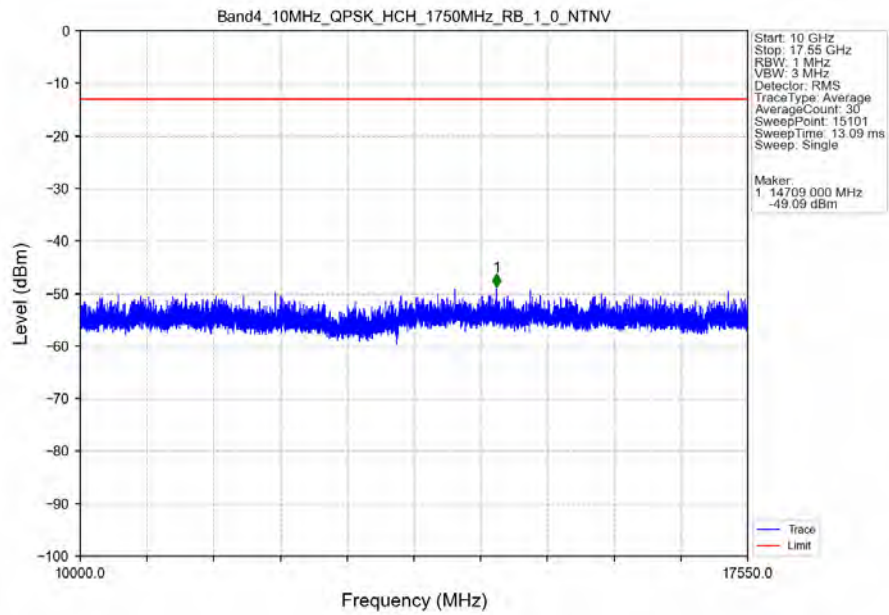
Band4\_10MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



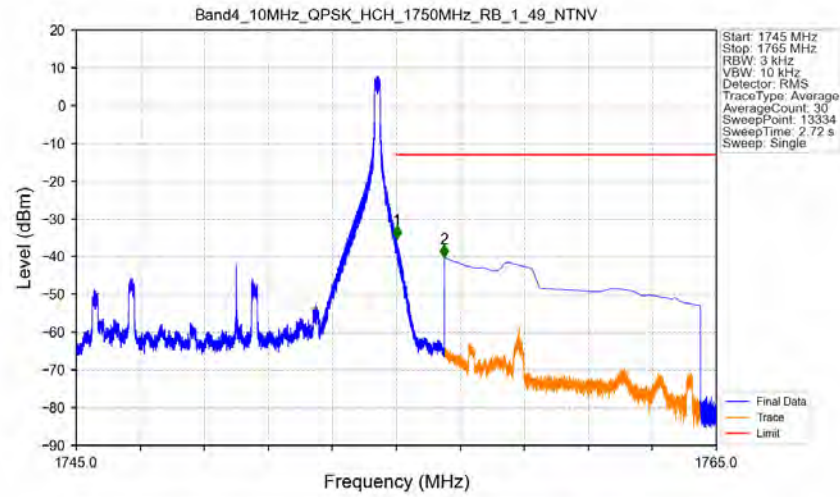
Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_0\_NTNV



Band4\_10MHz\_QPSK\_HCH\_1750MHz\_RB\_1\_0\_NTNV

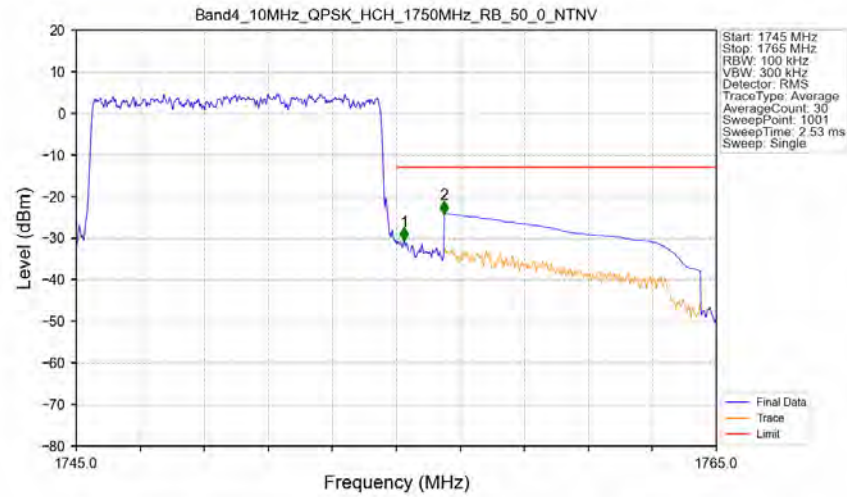


# Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTV



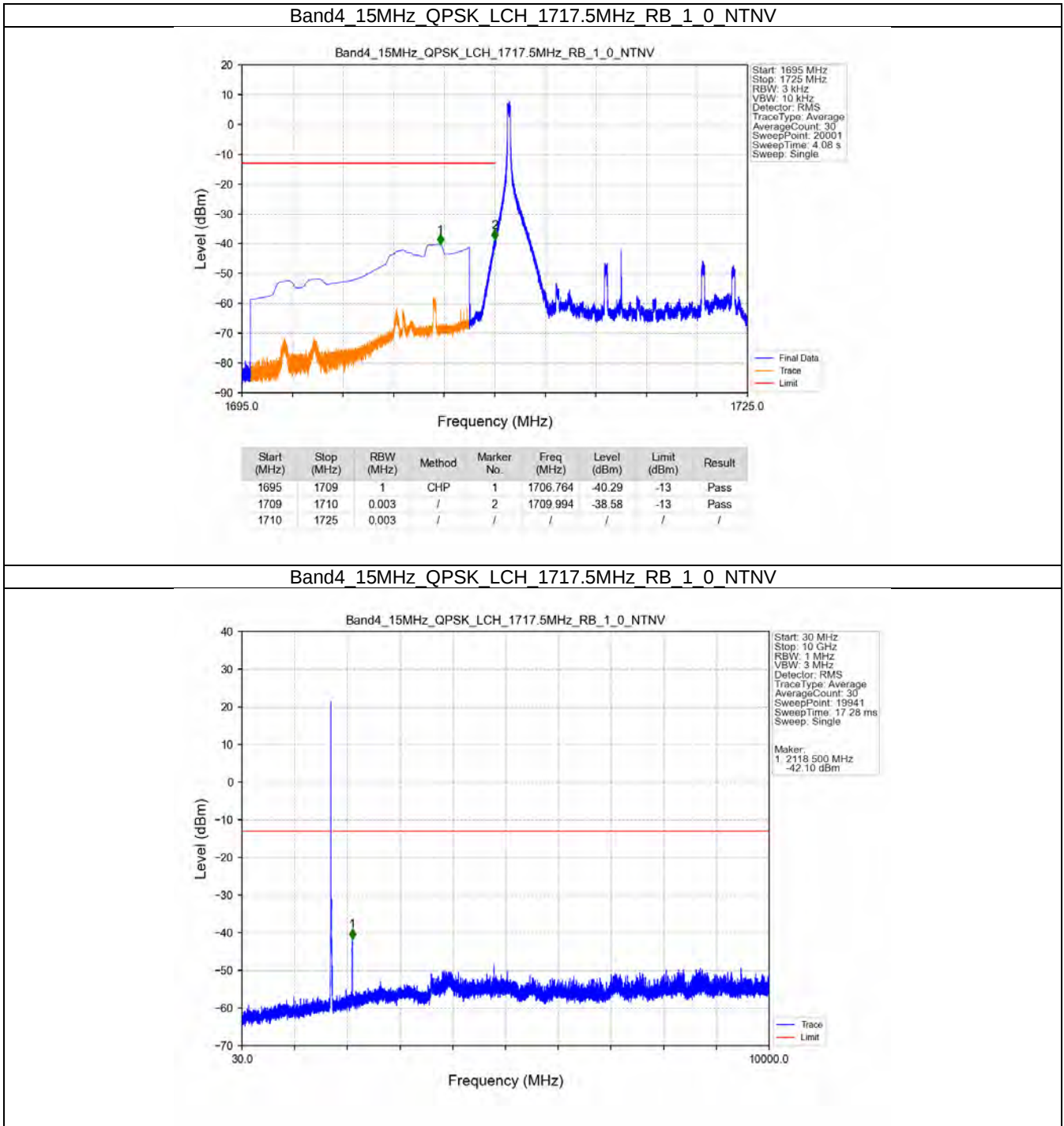
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1745        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.013   | -35.19      | -13         | Pass   |
| 1756        | 1765       | 1         | CHP    | 2          | 1756.501   | -40.24      | -13         | Pass   |

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

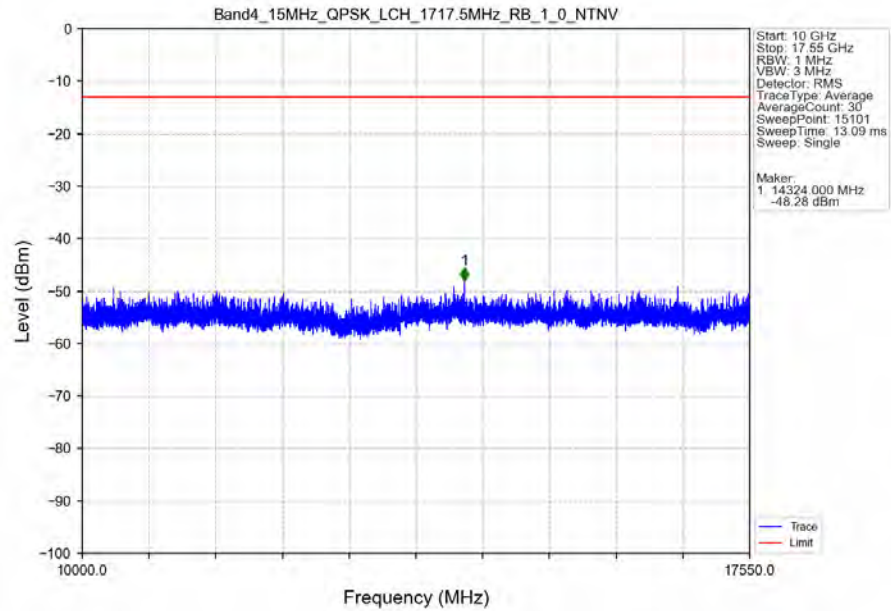


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1745        | 1755       | 0.1       | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.1       | /      | 1          | 1755.240   | -30.53      | -13         | Pass   |
| 1756        | 1765       | 1         | CHP    | 2          | 1756.500   | -24.12      | -13         | Pass   |

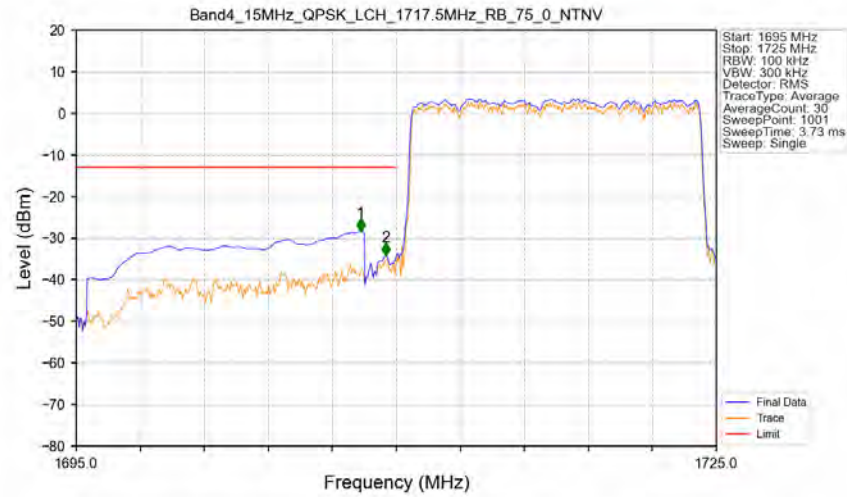
5.2.5 B4\_15MHz



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

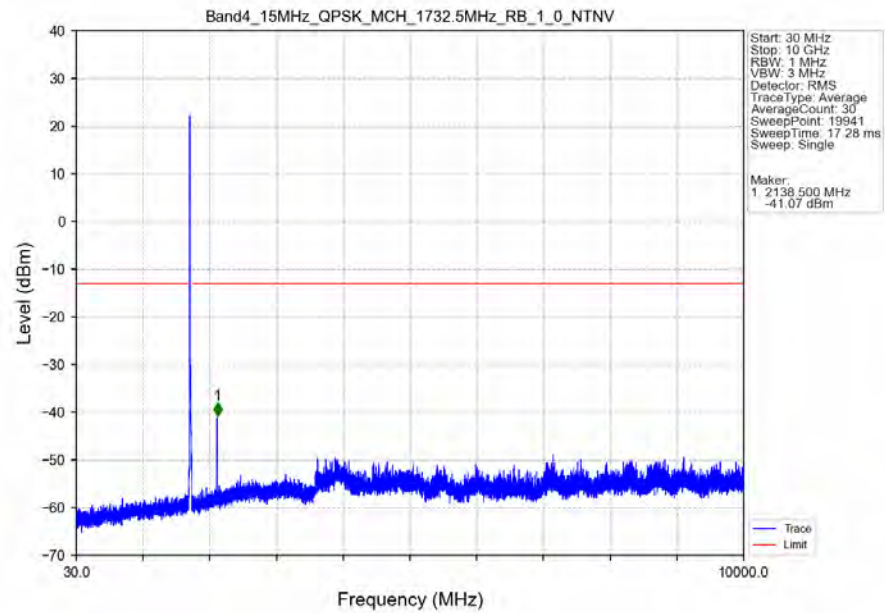


# Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

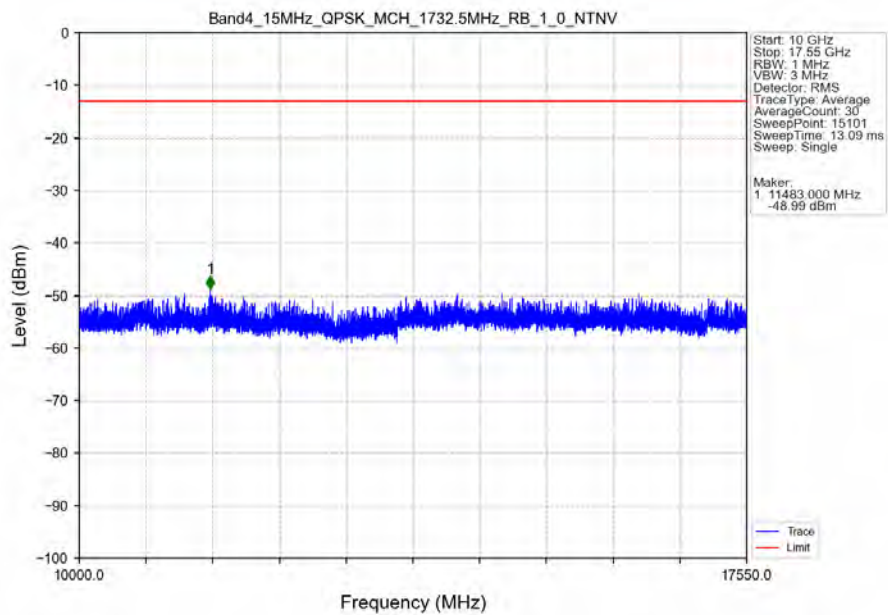


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1695        | 1709       | 1         | CHP    | 1          | 1708.320   | -28.44      | -13         | Pass   |
| 1709        | 1710       | 0.15      | CHP    | 2          | 1709.520   | -34.15      | -13         | Pass   |
| 1710        | 1725       | 0.15      | CHP    | /          | /          | /           | /           | /      |

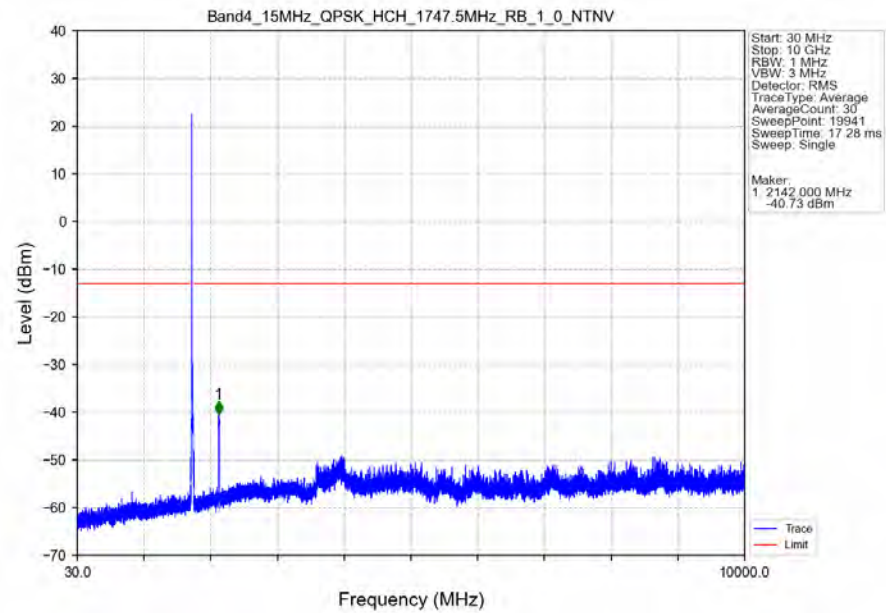
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



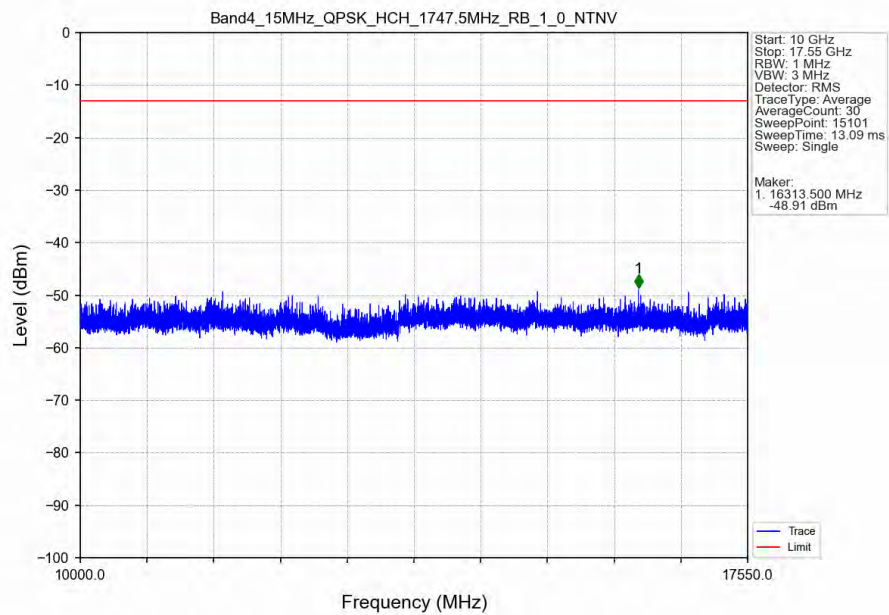
Band4\_15MHz\_QPSK\_MCH\_1732.5MHz\_RB\_1\_0\_NTNV



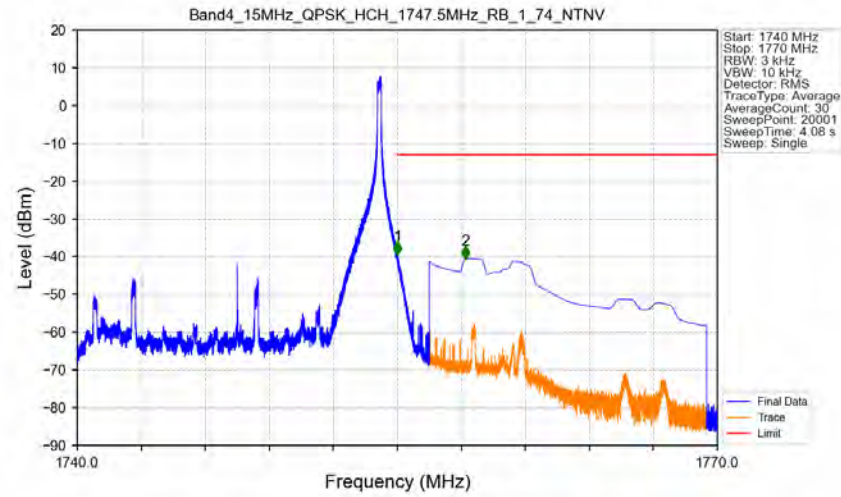
Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV



Band4\_15MHz\_QPSK\_HCH\_1747.5MHz\_RB\_1\_0\_NTNV

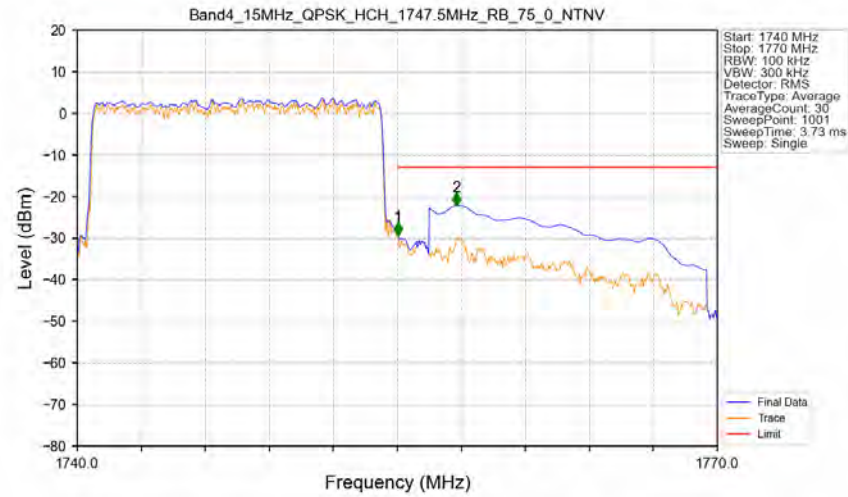


# Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTV



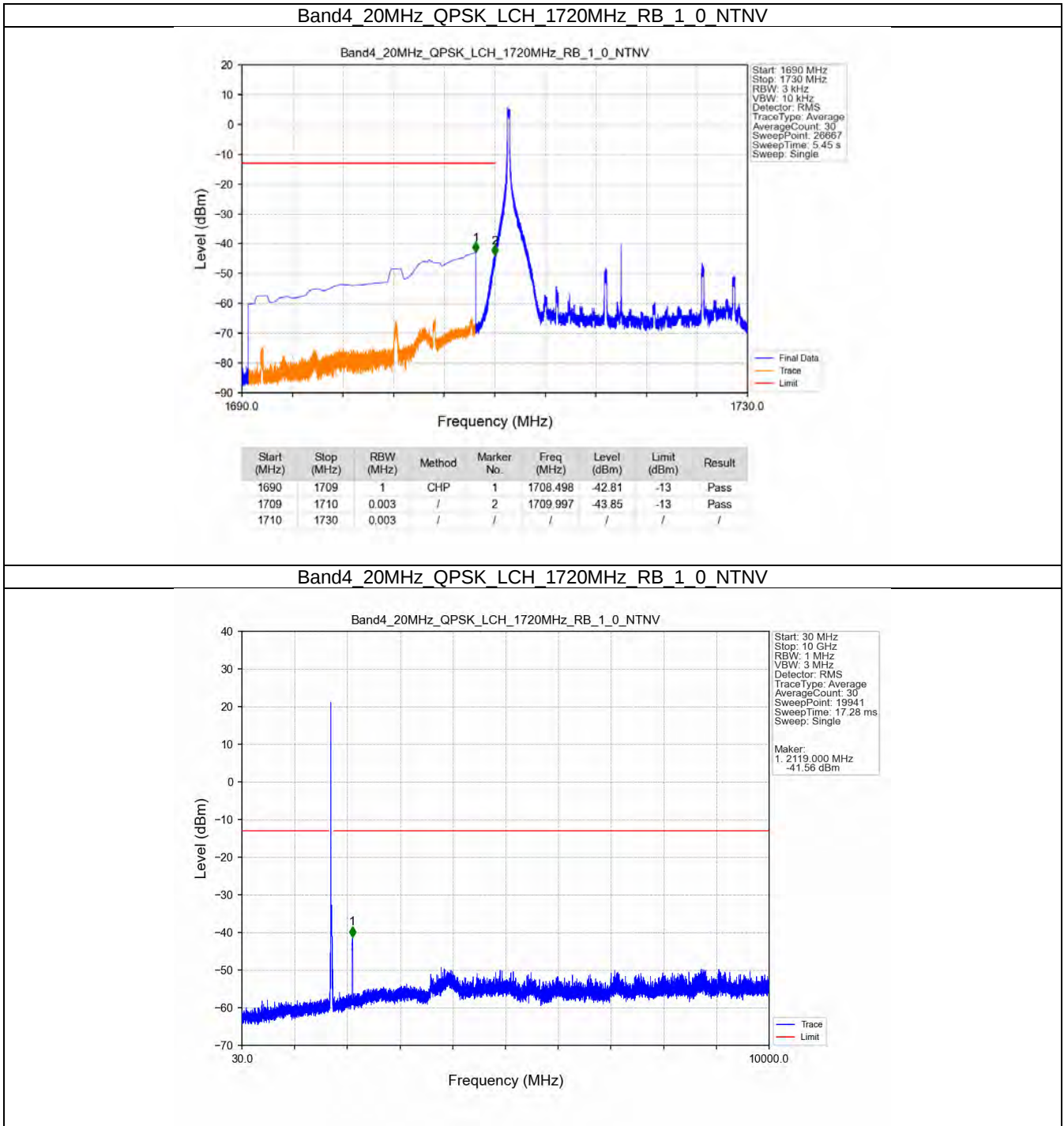
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1740        | 1755       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.003     | /      | 1          | 1755.003   | -39.37      | -13         | Pass   |
| 1756        | 1770       | 1         | CHP    | 2          | 1758.189   | -40.56      | -13         | Pass   |

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

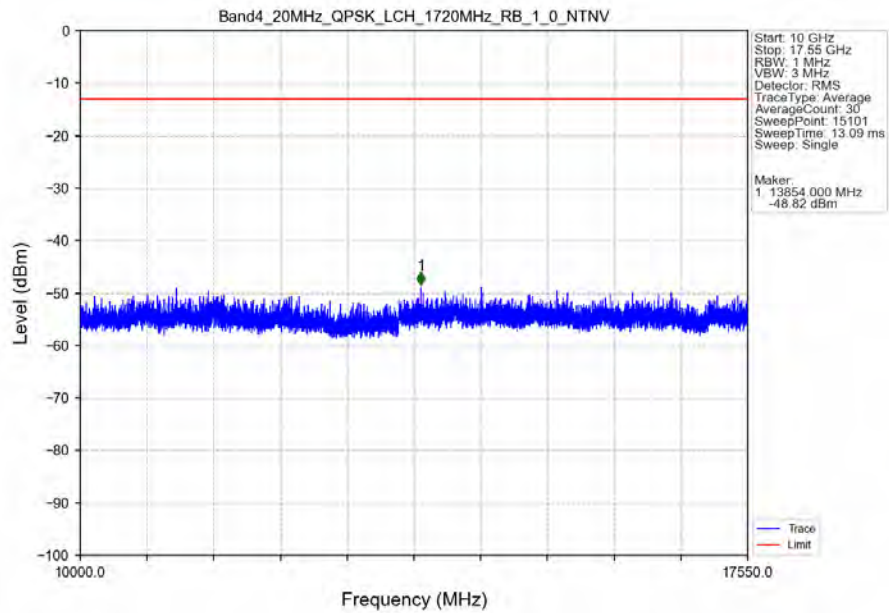


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1740        | 1755       | 0.149     | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.149     | CHP    | 1          | 1755.030   | -29.25      | -13         | Pass   |
| 1756        | 1770       | 1         | CHP    | 2          | 1757.760   | -22.15      | -13         | Pass   |

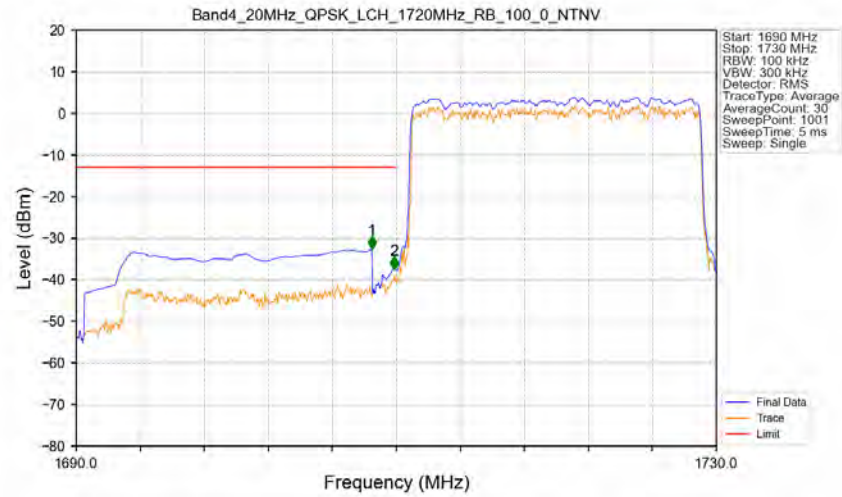
5.2.6 B4\_20MHz



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

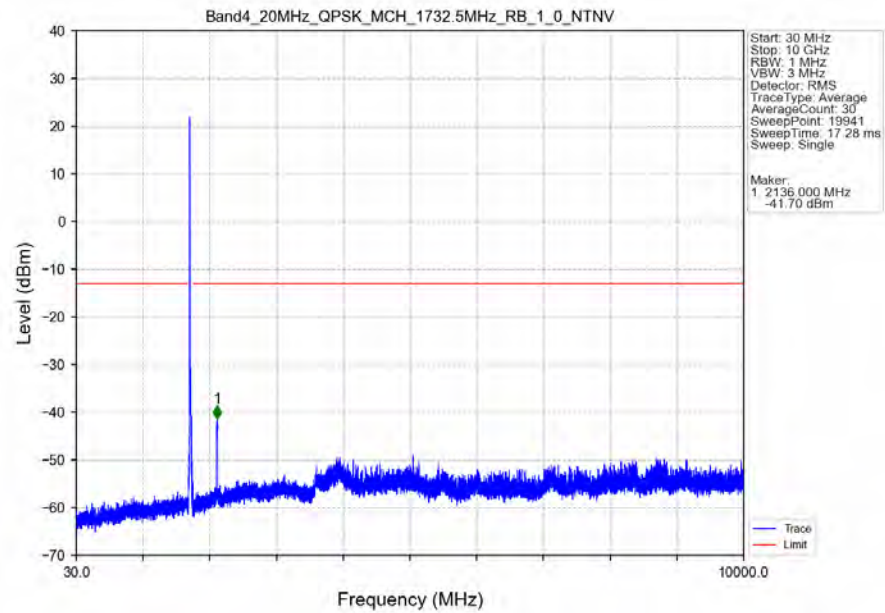


# Band4\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTV

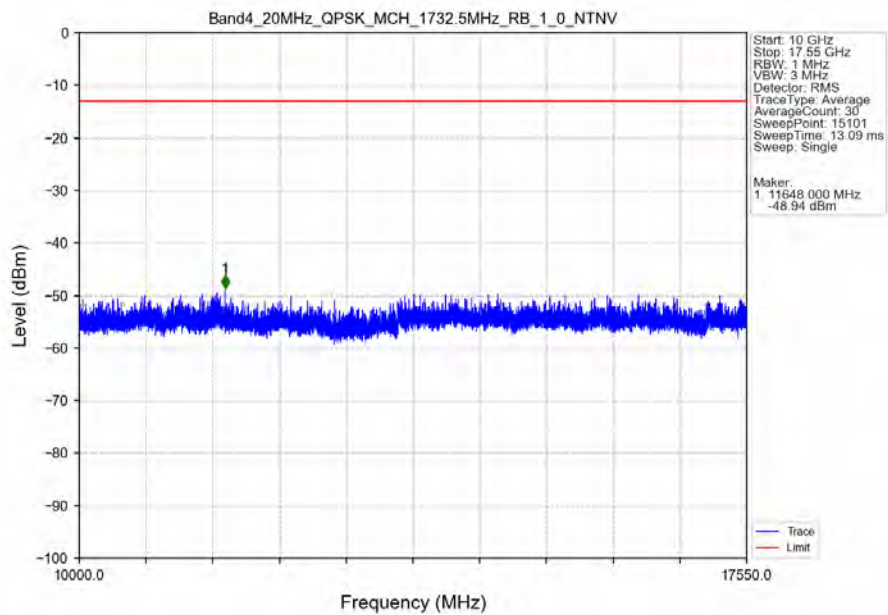


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1690        | 1709       | 1         | CHP    | 1          | 1708.480   | -32.66      | -13         | Pass   |
| 1709        | 1710       | 0.197     | CHP    | 2          | 1709.880   | -37.43      | -13         | Pass   |
| 1710        | 1730       | 0.197     | CHP    | /          | /          | /           | /           | /      |

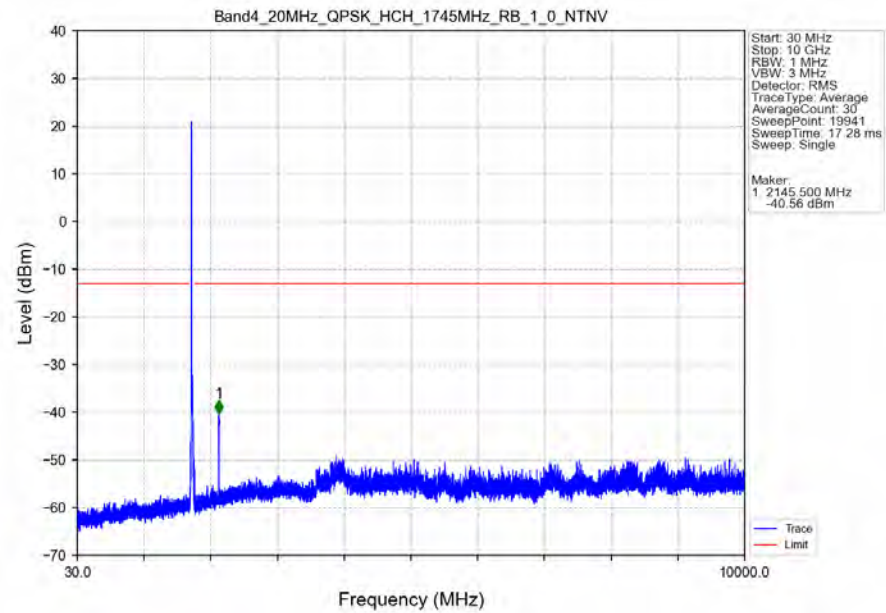
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



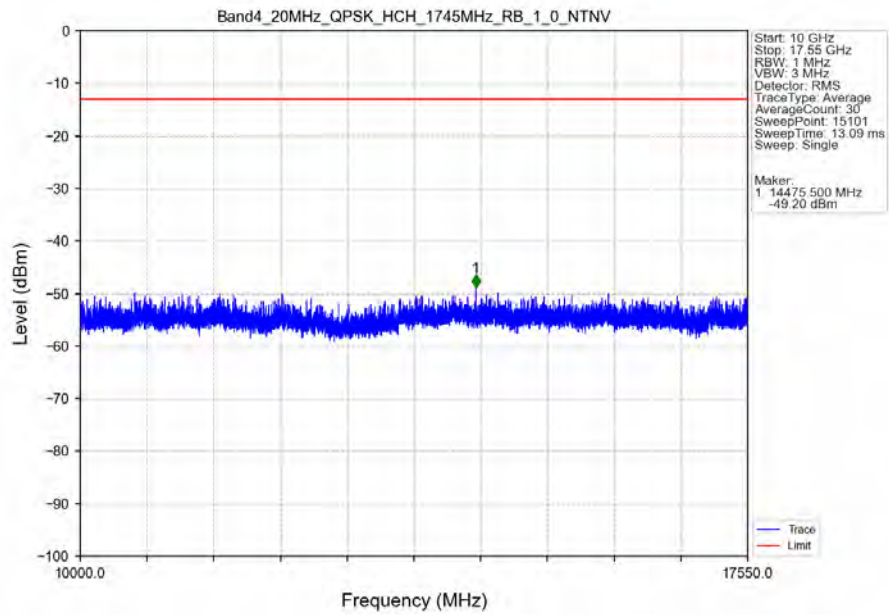
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



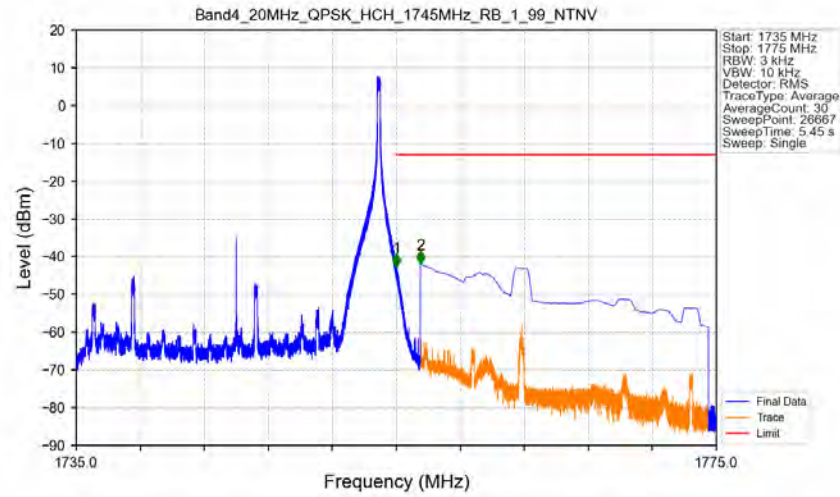
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN

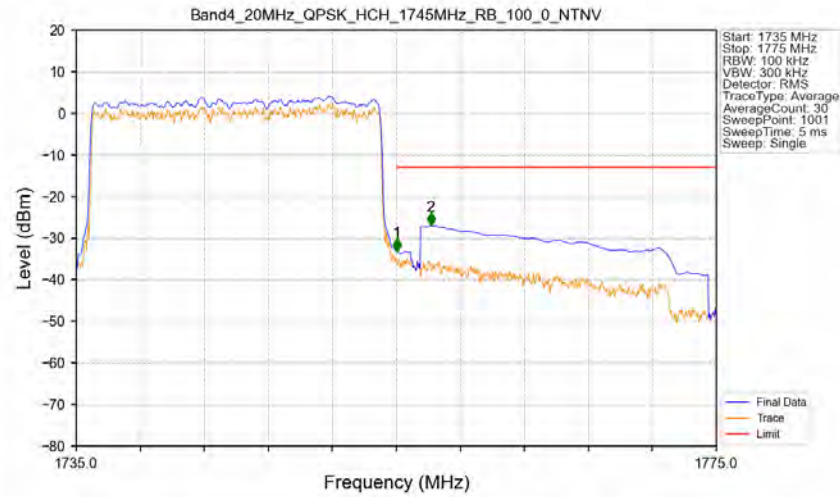


### Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTV



| 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          | 1755.016   | -42.58      | -13         | Pass   |
| 1756        | 1775       | 1         | CHP    | 2          | 1756.500   | -41.76      | -13         | Pass   |

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



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1735        | 1755       | 0.197     | CHP    | /          | /          | /           | /           | /      |
| 1755        | 1756       | 0.197     | CHP    | 1          | 1755.040   | -33.10      | -13         | Pass   |
| 1756        | 1775       | 1         | CHP    | 2          | 1757.160   | -27.02      | -13         | Pass   |

## 6. Field Strength of Spurious Radiation

| LTE Band 4 ANT13-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                        | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3422.0                                                                 | -61.88     | -13         | -48.88          | -66.5            | 3.36            | 7.98               | Horizontal         | Pass   |
| 5133.0                                                                 | -57.66     | -13         | -44.66          | -63.27           | 4.61            | 10.22              | Horizontal         | Pass   |
| 6844.0                                                                 | -55.69     | -13         | -42.69          | -61.72           | 4.9             | 10.93              | Horizontal         | Pass   |
| 3422.0                                                                 | -61.67     | -13         | -48.67          | -66.29           | 3.36            | 7.98               | Vertical           | Pass   |
| 5133.0                                                                 | -58.1      | -13         | -45.1           | -63.71           | 4.61            | 10.22              | Vertical           | Pass   |
| 6844.0                                                                 | -55.89     | -13         | -42.89          | -61.92           | 4.9             | 10.93              | Vertical           | Pass   |

| LTE Band 4 ANT13-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|---------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                           | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3447.0                                                                    | -61.24     | -13         | -48.24          | -65.91           | 3.37            | 8.04               | Horizontal         | Pass   |
| 5170.5                                                                    | -57.26     | -13         | -44.26          | -62.89           | 4.62            | 10.25              | Horizontal         | Pass   |
| 6894.0                                                                    | -55.53     | -13         | -42.53          | -61.62           | 4.9             | 10.99              | Horizontal         | Pass   |
| 3447.0                                                                    | -61.68     | -13         | -48.68          | -66.35           | 3.37            | 8.04               | Vertical           | Pass   |
| 5170.5                                                                    | -57.13     | -13         | -44.13          | -62.76           | 4.62            | 10.25              | Vertical           | Pass   |
| 6894.0                                                                    | -55.73     | -13         | -42.73          | -61.82           | 4.9             | 10.99              | Vertical           | Pass   |

| LTE Band 4 ANT13-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|-------------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                         | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3472.0                                                                  | -62.29     | -13         | -49.29          | -67.0            | 3.39            | 8.1                | Horizontal         | Pass   |
| 5208.0                                                                  | -57.39     | -13         | -44.39          | -63.02           | 4.64            | 10.27              | Horizontal         | Pass   |
| 6944.0                                                                  | -55.93     | -13         | -42.93          | -62.08           | 4.91            | 11.06              | Horizontal         | Pass   |
| 3472.0                                                                  | -62.25     | -13         | -49.25          | -66.96           | 3.39            | 8.1                | Vertical           | Pass   |
| 5208.0                                                                  | -57.86     | -13         | -44.86          | -63.49           | 4.64            | 10.27              | Vertical           | Pass   |
| 6944.0                                                                  | -56.29     | -13         | -43.29          | -62.44           | 4.91            | 11.06              | Vertical           | Pass   |

| CA_4A_5A-Low channel |            |             |                 |                  |                 |                    |                    |        |
|----------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)      | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3422.0               | -66.11     | -13         | -53.11          | -70.73           | 3.36            | 7.98               | Horizontal         | Pass   |
| 5133.0               | -63.18     | -13         | -50.18          | -68.79           | 4.61            | 10.22              | Horizontal         | Pass   |
| 6844.0               | -60.9      | -13         | -47.9           | -66.93           | 4.9             | 10.93              | Horizontal         | Pass   |
| 3422.0               | -66.67     | -13         | -53.67          | -71.29           | 3.36            | 7.98               | Vertical           | Pass   |
| 5133.0               | -63.0      | -13         | -50.0           | -68.61           | 4.61            | 10.22              | Vertical           | Pass   |
| 6844.0               | -61.0      | -13         | -48.0           | -67.03           | 4.9             | 10.93              | Vertical           | Pass   |

| CA_4A_5A-Middle channel |            |             |                 |                  |                 |                    |                    |        |
|-------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)         | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3447.0                  | -66.78     | -13         | -53.78          | -71.45           | 3.37            | 8.04               | Horizontal         | Pass   |
| 5170.5                  | -63.61     | -13         | -50.61          | -69.24           | 4.62            | 10.25              | Horizontal         | Pass   |
| 6894.0                  | -61.39     | -13         | -48.39          | -67.48           | 4.9             | 10.99              | Horizontal         | Pass   |
| 3447.0                  | -66.71     | -13         | -53.71          | -71.38           | 3.37            | 8.04               | Vertical           | Pass   |
| 5170.5                  | -63.59     | -13         | -50.59          | -69.22           | 4.62            | 10.25              | Vertical           | Pass   |
| 6894.0                  | -61.95     | -13         | -48.95          | -68.04           | 4.9             | 10.99              | Vertical           | Pass   |

| CA_4A_5A-High channel |            |             |                 |                  |                 |                    |                    |        |
|-----------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3472.0                | -67.28     | -13         | -54.28          | -71.99           | 3.39            | 8.1                | Horizontal         | Pass   |
| 5208.0                | -63.45     | -13         | -50.45          | -69.08           | 4.64            | 10.27              | Horizontal         | Pass   |
| 6944.0                | -61.7      | -13         | -48.7           | -67.85           | 4.91            | 11.06              | Horizontal         | Pass   |
| 3472.0                | -67.49     | -13         | -54.49          | -72.2            | 3.39            | 8.1                | Vertical           | Pass   |
| 5208.0                | -63.53     | -13         | -50.53          | -69.16           | 4.64            | 10.27              | Vertical           | Pass   |
| 6944.0                | -60.99     | -13         | -47.99          | -67.14           | 4.91            | 11.06              | Vertical           | Pass   |

| CA_4A_7A-Low channel |            |             |                 |                  |                 |                    |                    |        |
|----------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)      | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5002.0               | -61.59     | -25         | -36.59          | -67.16           | 4.57            | 10.14              | Horizontal         | Pass   |
| 7503.0               | -60.5      | -25         | -35.5           | -67.3            | 4.94            | 11.74              | Horizontal         | Pass   |
| 10004.0              | -57.1      | -25         | -32.1           | -64.67           | 5.46            | 13.03              | Horizontal         | Pass   |
| 5002.0               | -61.47     | -25         | -36.47          | -67.04           | 4.57            | 10.14              | Vertical           | Pass   |
| 7503.0               | -60.66     | -25         | -35.66          | -67.46           | 4.94            | 11.74              | Vertical           | Pass   |
| 10004.0              | -57.35     | -25         | -32.35          | -64.92           | 5.46            | 13.03              | Vertical           | Pass   |

| CA_4A_7A-Middle channel |            |             |                 |                  |                 |                    |                    |        |
|-------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)         | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5052.0                  | -63.15     | -25         | -38.15          | -68.73           | 4.59            | 10.17              | Horizontal         | Pass   |
| 7578.0                  | -60.65     | -25         | -35.65          | -67.53           | 4.95            | 11.83              | Horizontal         | Pass   |
| 10104.0                 | -56.83     | -25         | -31.83          | -64.4            | 5.48            | 13.05              | Horizontal         | Pass   |
| 5052.0                  | -63.57     | -25         | -38.57          | -69.15           | 4.59            | 10.17              | Vertical           | Pass   |
| 7578.0                  | -60.62     | -25         | -35.62          | -67.5            | 4.95            | 11.83              | Vertical           | Pass   |
| 10104.0                 | -57.35     | -25         | -32.35          | -64.92           | 5.48            | 13.05              | Vertical           | Pass   |

| CA_4A_7A-High channel |            |             |                 |                  |                 |                    |                    |        |
|-----------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)       | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5102.0                | -63.76     | -25         | -38.76          | -69.36           | 4.6             | 10.2               | Horizontal         | Pass   |
| 7653.0                | -60.48     | -25         | -35.48          | -67.45           | 4.95            | 11.92              | Horizontal         | Pass   |
| 10204.0               | -57.44     | -25         | -32.44          | -65.02           | 5.49            | 13.07              | Horizontal         | Pass   |
| 5102.0                | -63.47     | -25         | -38.47          | -69.07           | 4.6             | 10.2               | Vertical           | Pass   |
| 7653.0                | -60.4      | -25         | -35.4           | -67.37           | 4.95            | 11.92              | Vertical           | Pass   |
| 10204.0               | -56.78     | -25         | -31.78          | -64.36           | 5.49            | 13.07              | Vertical           | Pass   |