

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

### 1.1 Test Result

#### 1.1.1 B2\_1.4MHz\_EIRP

| Band: 2 / Bandwidth: 1.4MHz / NTV        |                 |               |        |                       |            |            |         |         |
|------------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                               | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                          |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                                     | 1850.7          | 1             | 0      | 21.84                 | 0.91       | 22.75      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.82                 | 0.91       | 22.73      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 21.86                 | 0.91       | 22.77      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 21.78                 | 0.91       | 22.69      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.78                 | 0.91       | 22.69      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 21.75                 | 0.91       | 22.66      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 20.74                 | 0.91       | 21.65      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 21.59                 | 0.91       | 22.50      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.64                 | 0.91       | 22.55      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 21.58                 | 0.91       | 22.49      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 21.54                 | 0.91       | 22.45      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.59                 | 0.91       | 22.50      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 21.55                 | 0.91       | 22.46      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 20.53                 | 0.91       | 21.44      | <=33.01 | Pass    |
|                                          | 1909.3          | 1             | 0      | 21.41                 | 0.91       | 22.32      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.51                 | 0.91       | 22.42      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 21.43                 | 0.91       | 22.34      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 21.40                 | 0.91       | 22.31      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.46                 | 0.91       | 22.37      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 21.39                 | 0.91       | 22.30      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 20.48                 | 0.91       | 21.39      | <=33.01 | Pass    |
| 16QAM                                    | 1850.7          | 1             | 0      | 21.48                 | 0.91       | 22.39      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.50                 | 0.91       | 22.41      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 21.52                 | 0.91       | 22.43      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 20.98                 | 0.91       | 21.89      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 20.94                 | 0.91       | 21.85      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 21.03                 | 0.91       | 21.94      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 20.01                 | 0.91       | 20.92      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 21.00                 | 0.91       | 21.91      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 21.03                 | 0.91       | 21.94      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 21.11                 | 0.91       | 22.02      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 20.43                 | 0.91       | 21.34      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 20.52                 | 0.91       | 21.43      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 20.57                 | 0.91       | 21.48      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 19.95                 | 0.91       | 20.86      | <=33.01 | Pass    |
|                                          | 1909.3          | 1             | 0      | 20.48                 | 0.91       | 21.39      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 20.42                 | 0.91       | 21.33      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 20.53                 | 0.91       | 21.44      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 20.32                 | 0.91       | 21.23      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 20.24                 | 0.91       | 21.15      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 20.33                 | 0.91       | 21.24      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 20.00                 | 0.91       | 20.91      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

#### 1.1.2 B2\_3MHz\_EIRP

|                                  |
|----------------------------------|
| Band: 2 / Bandwidth: 3MHz / NTNV |
|----------------------------------|

| Modulation                               | Frequency<br>(MHz) | RB Allocation |        | Conducted Power<br>(dBm) | Gain<br>(dBi) | EIRP (dBm) |         | Verdict |      |
|------------------------------------------|--------------------|---------------|--------|--------------------------|---------------|------------|---------|---------|------|
|                                          |                    | Size          | Offset |                          |               | Result     | Limit   |         |      |
| QPSK                                     | 1851.5             | 1             | 0      | 21.66                    | 0.91          | 22.57      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 21.63                    | 0.91          | 22.54      | <=33.01 | Pass    |      |
|                                          |                    |               | 14     | 21.52                    | 0.91          | 22.43      | <=33.01 | Pass    |      |
|                                          |                    | 8             | 0      | 20.68                    | 0.91          | 21.59      | <=33.01 | Pass    |      |
|                                          |                    |               | 4      | 20.73                    | 0.91          | 21.64      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 20.56                    | 0.91          | 21.47      | <=33.01 | Pass    |      |
|                                          |                    | 15            | 0      | 20.74                    | 0.91          | 21.65      | <=33.01 | Pass    |      |
|                                          |                    | 1880          | 1      | 0                        | 21.37         | 0.91       | 22.28   | <=33.01 | Pass |
|                                          |                    |               |        | 7                        | 21.32         | 0.91       | 22.23   | <=33.01 | Pass |
|                                          | 14                 |               |        | 21.40                    | 0.91          | 22.31      | <=33.01 | Pass    |      |
|                                          | 8                  |               | 0      | 20.51                    | 0.91          | 21.42      | <=33.01 | Pass    |      |
|                                          |                    |               | 4      | 20.52                    | 0.91          | 21.43      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 20.46                    | 0.91          | 21.37      | <=33.01 | Pass    |      |
|                                          | 15                 | 0             | 20.46  | 0.91                     | 21.37         | <=33.01    | Pass    |         |      |
|                                          | 1908.5             | 1             | 0      | 21.42                    | 0.91          | 22.33      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 21.35                    | 0.91          | 22.26      | <=33.01 | Pass    |      |
|                                          |                    |               | 14     | 21.37                    | 0.91          | 22.28      | <=33.01 | Pass    |      |
|                                          |                    | 8             | 0      | 20.42                    | 0.91          | 21.33      | <=33.01 | Pass    |      |
|                                          |                    |               | 4      | 20.43                    | 0.91          | 21.34      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 20.37                    | 0.91          | 21.28      | <=33.01 | Pass    |      |
|                                          |                    | 15            | 0      | 20.40                    | 0.91          | 21.31      | <=33.01 | Pass    |      |
| 16QAM                                    |                    | 1851.5        | 1      | 0                        | 20.68         | 0.91       | 21.59   | <=33.01 | Pass |
|                                          |                    |               |        | 7                        | 20.67         | 0.91       | 21.58   | <=33.01 | Pass |
|                                          | 14                 |               |        | 20.60                    | 0.91          | 21.51      | <=33.01 | Pass    |      |
|                                          | 8                  |               | 0      | 19.99                    | 0.91          | 20.90      | <=33.01 | Pass    |      |
|                                          |                    |               | 4      | 20.04                    | 0.91          | 20.95      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 20.28                    | 0.91          | 21.19      | <=33.01 | Pass    |      |
|                                          | 15                 |               | 0      | 19.82                    | 0.91          | 20.73      | <=33.01 | Pass    |      |
|                                          | 1880               |               | 1      | 0                        | 21.48         | 0.91       | 22.39   | <=33.01 | Pass |
|                                          |                    |               |        | 7                        | 21.44         | 0.91       | 22.35   | <=33.01 | Pass |
|                                          |                    | 14            |        | 21.46                    | 0.91          | 22.37      | <=33.01 | Pass    |      |
|                                          |                    | 8             | 0      | 20.04                    | 0.91          | 20.95      | <=33.01 | Pass    |      |
|                                          |                    |               | 4      | 20.05                    | 0.91          | 20.96      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 20.05                    | 0.91          | 20.96      | <=33.01 | Pass    |      |
|                                          | 15                 | 0             | 19.95  | 0.91                     | 20.86         | <=33.01    | Pass    |         |      |
|                                          | 1908.5             | 1             | 0      | 21.34                    | 0.91          | 22.25      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 21.34                    | 0.91          | 22.25      | <=33.01 | Pass    |      |
|                                          |                    |               | 14     | 21.30                    | 0.91          | 22.21      | <=33.01 | Pass    |      |
|                                          |                    | 8             | 0      | 20.15                    | 0.91          | 21.06      | <=33.01 | Pass    |      |
|                                          |                    |               | 4      | 20.20                    | 0.91          | 21.11      | <=33.01 | Pass    |      |
|                                          |                    |               | 7      | 20.17                    | 0.91          | 21.08      | <=33.01 | Pass    |      |
|                                          |                    | 15            | 0      | 19.99                    | 0.91          | 20.90      | <=33.01 | Pass    |      |
| Note1: EIRP=Conducted Power+Antenna Gain |                    |               |        |                          |               |            |         |         |      |

### 1.1.3 B2\_5MHz\_EIRP

| Band: 2 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 1852.5          | 1             | 0      | 21.48                 | 0.91       | 22.39      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.36                 | 0.91       | 22.27      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 21.44                 | 0.91       | 22.35      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 20.66                 | 0.91       | 21.57      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 20.54                 | 0.91       | 21.45      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 20.55                 | 0.91       | 21.46      | <=33.01 | Pass    |

|       |        |    |    |       |      |       |         |      |
|-------|--------|----|----|-------|------|-------|---------|------|
| 16QAM | 1880   | 25 | 0  | 20.49 | 0.91 | 21.40 | <=33.01 | Pass |
|       |        | 1  | 0  | 21.39 | 0.91 | 22.30 | <=33.01 | Pass |
|       |        |    | 13 | 21.49 | 0.91 | 22.40 | <=33.01 | Pass |
|       |        |    | 24 | 21.43 | 0.91 | 22.34 | <=33.01 | Pass |
|       |        | 12 | 0  | 20.45 | 0.91 | 21.36 | <=33.01 | Pass |
|       |        |    | 6  | 20.49 | 0.91 | 21.40 | <=33.01 | Pass |
|       |        |    | 13 | 20.53 | 0.91 | 21.44 | <=33.01 | Pass |
|       |        | 25 | 0  | 20.55 | 0.91 | 21.46 | <=33.01 | Pass |
|       | 1907.5 | 1  | 0  | 21.44 | 0.91 | 22.35 | <=33.01 | Pass |
|       |        |    | 13 | 21.40 | 0.91 | 22.31 | <=33.01 | Pass |
|       |        |    | 24 | 21.42 | 0.91 | 22.33 | <=33.01 | Pass |
|       |        | 12 | 0  | 20.36 | 0.91 | 21.27 | <=33.01 | Pass |
|       |        |    | 6  | 20.49 | 0.91 | 21.40 | <=33.01 | Pass |
|       |        |    | 13 | 20.44 | 0.91 | 21.35 | <=33.01 | Pass |
|       |        | 25 | 0  | 20.46 | 0.91 | 21.37 | <=33.01 | Pass |
|       | 1852.5 | 1  | 0  | 21.25 | 0.91 | 22.16 | <=33.01 | Pass |
|       |        |    | 13 | 21.14 | 0.91 | 22.05 | <=33.01 | Pass |
|       |        |    | 24 | 21.16 | 0.91 | 22.07 | <=33.01 | Pass |
|       |        | 12 | 0  | 19.74 | 0.91 | 20.65 | <=33.01 | Pass |
|       |        |    | 6  | 20.06 | 0.91 | 20.97 | <=33.01 | Pass |
|       |        |    | 13 | 20.06 | 0.91 | 20.97 | <=33.01 | Pass |
|       |        | 25 | 0  | 20.08 | 0.91 | 20.99 | <=33.01 | Pass |
|       | 1880   | 1  | 0  | 21.02 | 0.91 | 21.93 | <=33.01 | Pass |
|       |        |    | 13 | 21.13 | 0.91 | 22.04 | <=33.01 | Pass |
|       |        |    | 24 | 21.05 | 0.91 | 21.96 | <=33.01 | Pass |
|       |        | 12 | 0  | 19.98 | 0.91 | 20.89 | <=33.01 | Pass |
|       |        |    | 6  | 20.05 | 0.91 | 20.96 | <=33.01 | Pass |
|       |        |    | 13 | 20.00 | 0.91 | 20.91 | <=33.01 | Pass |
|       |        | 25 | 0  | 19.96 | 0.91 | 20.87 | <=33.01 | Pass |
|       | 1907.5 | 1  | 0  | 19.93 | 0.91 | 20.84 | <=33.01 | Pass |
|       |        |    | 13 | 19.96 | 0.91 | 20.87 | <=33.01 | Pass |
|       |        |    | 24 | 19.92 | 0.91 | 20.83 | <=33.01 | Pass |
|       |        | 12 | 0  | 19.87 | 0.91 | 20.78 | <=33.01 | Pass |
|       |        |    | 6  | 19.91 | 0.91 | 20.82 | <=33.01 | Pass |
|       |        |    | 13 | 19.90 | 0.91 | 20.81 | <=33.01 | Pass |
|       |        | 25 | 0  | 19.96 | 0.91 | 20.87 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.4 B2\_10MHz\_EIRP

| Band: 2 / Bandwidth: 10MHz / NTNv |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1855            | 1             | 0      | 21.55                 | 0.91       | 22.46      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.41                 | 0.91       | 22.32      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 21.43                 | 0.91       | 22.34      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 20.57                 | 0.91       | 21.48      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 20.52                 | 0.91       | 21.43      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 20.52                 | 0.91       | 21.43      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 20.58                 | 0.91       | 21.49      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 21.53                 | 0.91       | 22.44      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.53                 | 0.91       | 22.44      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 21.60                 | 0.91       | 22.51      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 20.45                 | 0.91       | 21.36      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 20.47                 | 0.91       | 21.38      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 20.43                 | 0.91       | 21.34      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 20.51                 | 0.91       | 21.42      | <=33.01 | Pass    |

|       |      |    |    |       |      |       |         |      |
|-------|------|----|----|-------|------|-------|---------|------|
| 16QAM | 1905 | 1  | 0  | 21.31 | 0.91 | 22.22 | <=33.01 | Pass |
|       |      |    | 25 | 21.32 | 0.91 | 22.23 | <=33.01 | Pass |
|       |      |    | 49 | 21.28 | 0.91 | 22.19 | <=33.01 | Pass |
|       |      | 25 | 0  | 20.40 | 0.91 | 21.31 | <=33.01 | Pass |
|       |      |    | 13 | 20.49 | 0.91 | 21.40 | <=33.01 | Pass |
|       |      |    | 25 | 20.34 | 0.91 | 21.25 | <=33.01 | Pass |
|       |      | 50 | 0  | 20.40 | 0.91 | 21.31 | <=33.01 | Pass |
|       | 1855 | 1  | 0  | 20.92 | 0.91 | 21.83 | <=33.01 | Pass |
|       |      |    | 25 | 20.75 | 0.91 | 21.66 | <=33.01 | Pass |
|       |      |    | 49 | 20.77 | 0.91 | 21.68 | <=33.01 | Pass |
|       |      | 25 | 0  | 20.18 | 0.91 | 21.09 | <=33.01 | Pass |
|       |      |    | 13 | 19.79 | 0.91 | 20.70 | <=33.01 | Pass |
|       |      |    | 25 | 19.84 | 0.91 | 20.75 | <=33.01 | Pass |
|       |      | 50 | 0  | 19.63 | 0.91 | 20.54 | <=33.01 | Pass |
|       | 1880 | 1  | 0  | 21.13 | 0.91 | 22.04 | <=33.01 | Pass |
|       |      |    | 25 | 21.19 | 0.91 | 22.10 | <=33.01 | Pass |
|       |      |    | 49 | 21.16 | 0.91 | 22.07 | <=33.01 | Pass |
|       |      | 25 | 0  | 19.65 | 0.91 | 20.56 | <=33.01 | Pass |
|       |      |    | 13 | 20.05 | 0.91 | 20.96 | <=33.01 | Pass |
|       |      |    | 25 | 20.04 | 0.91 | 20.95 | <=33.01 | Pass |
|       |      | 50 | 0  | 20.06 | 0.91 | 20.97 | <=33.01 | Pass |
|       | 1905 | 1  | 0  | 21.09 | 0.91 | 22.00 | <=33.01 | Pass |
|       |      |    | 25 | 21.13 | 0.91 | 22.04 | <=33.01 | Pass |
|       |      |    | 49 | 21.07 | 0.91 | 21.98 | <=33.01 | Pass |
|       |      | 25 | 0  | 19.93 | 0.91 | 20.84 | <=33.01 | Pass |
|       |      |    | 13 | 19.50 | 0.91 | 20.41 | <=33.01 | Pass |
|       |      |    | 25 | 19.92 | 0.91 | 20.83 | <=33.01 | Pass |
|       |      | 50 | 0  | 19.52 | 0.91 | 20.43 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.5 B2\_15MHz\_EIRP

| Band: 2 / Bandwidth: 15MHz / NTNv |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1857.5          | 1             | 0      | 21.42                 | 0.91       | 22.33      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.35                 | 0.91       | 22.26      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.30                 | 0.91       | 22.21      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.57                 | 0.91       | 21.48      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.57                 | 0.91       | 21.48      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 20.53                 | 0.91       | 21.44      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.57                 | 0.91       | 21.48      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 21.47                 | 0.91       | 22.38      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.48                 | 0.91       | 22.39      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.52                 | 0.91       | 22.43      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.35                 | 0.91       | 21.26      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.49                 | 0.91       | 21.40      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 20.37                 | 0.91       | 21.28      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.39                 | 0.91       | 21.30      | <=33.01 | Pass    |
|                                   | 1902.5          | 1             | 0      | 21.25                 | 0.91       | 22.16      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.30                 | 0.91       | 22.21      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.26                 | 0.91       | 22.17      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.51                 | 0.91       | 21.42      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.43                 | 0.91       | 21.34      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 20.43                 | 0.91       | 21.34      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.43                 | 0.91       | 21.34      | <=33.01 | Pass    |
| 16QAM                             | 1857.5          | 1             | 0      | 21.20                 | 0.91       | 22.11      | <=33.01 | Pass    |

|  |        |      |    |       |       |       |         |         |
|--|--------|------|----|-------|-------|-------|---------|---------|
|  |        |      | 38 | 21.12 | 0.91  | 22.03 | <=33.01 | Pass    |
|  |        |      | 74 | 21.17 | 0.91  | 22.08 | <=33.01 | Pass    |
|  |        | 36   | 0  | 19.68 | 0.91  | 20.59 | <=33.01 | Pass    |
|  |        |      | 18 | 19.59 | 0.91  | 20.50 | <=33.01 | Pass    |
|  |        |      | 39 | 20.01 | 0.91  | 20.92 | <=33.01 | Pass    |
|  |        |      | 75 | 0     | 19.61 | 0.91  | 20.52   | <=33.01 |
|  |        | 1880 | 1  | 0     | 21.04 | 0.91  | 21.95   | <=33.01 |
|  | 38     |      |    | 21.02 | 0.91  | 21.93 | <=33.01 | Pass    |
|  | 74     |      |    | 21.06 | 0.91  | 21.97 | <=33.01 | Pass    |
|  | 36     |      | 0  | 19.59 | 0.91  | 20.50 | <=33.01 | Pass    |
|  |        |      | 18 | 20.07 | 0.91  | 20.98 | <=33.01 | Pass    |
|  |        |      | 39 | 20.05 | 0.91  | 20.96 | <=33.01 | Pass    |
|  | 75     |      | 0  | 19.99 | 0.91  | 20.90 | <=33.01 | Pass    |
|  | 1902.5 | 1    | 0  | 21.12 | 0.91  | 22.03 | <=33.01 | Pass    |
|  |        |      | 38 | 21.09 | 0.91  | 22.00 | <=33.01 | Pass    |
|  |        |      | 74 | 21.12 | 0.91  | 22.03 | <=33.01 | Pass    |
|  |        | 36   | 0  | 19.93 | 0.91  | 20.84 | <=33.01 | Pass    |
|  |        |      | 18 | 19.99 | 0.91  | 20.90 | <=33.01 | Pass    |
|  |        |      | 39 | 19.97 | 0.91  | 20.88 | <=33.01 | Pass    |
|  |        | 75   | 0  | 19.99 | 0.91  | 20.90 | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.6 B2\_20MHz\_EIRP

| Band: 2 / Bandwidth: 20MHz / NTN |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 1860            | 1             | 0      | 21.58                 | 0.91       | 22.49      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 21.47                 | 0.91       | 22.38      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 21.49                 | 0.91       | 22.40      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 20.55                 | 0.91       | 21.46      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 20.58                 | 0.91       | 21.49      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 20.43                 | 0.91       | 21.34      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 20.48                 | 0.91       | 21.39      | <=33.01 | Pass    |
|                                  |                 | 1             | 0      | 21.47                 | 0.91       | 22.38      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 21.47                 | 0.91       | 22.38      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 21.53                 | 0.91       | 22.44      | <=33.01 | Pass    |
|                                  |                 |               | 0      | 20.46                 | 0.91       | 21.37      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 20.51                 | 0.91       | 21.42      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 20.48                 | 0.91       | 21.39      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 20.45                 | 0.91       | 21.36      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 21.49                 | 0.91       | 22.40      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 21.51                 | 0.91       | 22.42      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 21.46                 | 0.91       | 22.37      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 20.43                 | 0.91       | 21.34      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 20.51                 | 0.91       | 21.42      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 20.48                 | 0.91       | 21.39      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 20.43                 | 0.91       | 21.34      | <=33.01 | Pass    |
|                                  | 1900            | 1             | 0      | 21.92                 | 0.91       | 22.83      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 21.80                 | 0.91       | 22.71      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 21.80                 | 0.91       | 22.71      | <=33.01 | Pass    |
|                                  |                 | 50            | 0      | 19.58                 | 0.91       | 20.49      | <=33.01 | Pass    |
|                                  |                 |               | 25     | 19.97                 | 0.91       | 20.88      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 19.92                 | 0.91       | 20.83      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 20.00                 | 0.91       | 20.91      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 20.95                 | 0.91       | 21.86      | <=33.01 | Pass    |
|                                  |                 |               | 50     | 20.88                 | 0.91       | 21.79      | <=33.01 | Pass    |

|                                          |      |     |    |       |      |       |         |      |
|------------------------------------------|------|-----|----|-------|------|-------|---------|------|
|                                          |      |     | 99 | 20.88 | 0.91 | 21.79 | <=33.01 | Pass |
|                                          |      | 50  | 0  | 19.99 | 0.91 | 20.90 | <=33.01 | Pass |
|                                          |      |     | 25 | 19.99 | 0.91 | 20.90 | <=33.01 | Pass |
|                                          |      |     | 50 | 20.00 | 0.91 | 20.91 | <=33.01 | Pass |
|                                          |      | 100 | 0  | 19.97 | 0.91 | 20.88 | <=33.01 | Pass |
|                                          | 1900 | 1   | 0  | 20.86 | 0.91 | 21.77 | <=33.01 | Pass |
|                                          |      |     | 50 | 20.92 | 0.91 | 21.83 | <=33.01 | Pass |
|                                          |      |     | 99 | 20.86 | 0.91 | 21.77 | <=33.01 | Pass |
|                                          |      | 50  | 0  | 19.56 | 0.91 | 20.47 | <=33.01 | Pass |
|                                          |      |     | 25 | 19.91 | 0.91 | 20.82 | <=33.01 | Pass |
|                                          |      |     | 50 | 19.52 | 0.91 | 20.43 | <=33.01 | Pass |
|                                          |      | 100 | 0  | 19.87 | 0.91 | 20.78 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |      |     |    |       |      |       |         |      |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B2\_1.4MHz

| Band: 2 / Bandwidth: 1.4MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1850.7          | 6             | 0      | 20         | 3.27          | -52.257          | -0.0282               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.572            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -36.793          | -0.0199               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -28.653          | -0.0155               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -40.441          | -0.0219               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 9.198            | 0.0050                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 3.104            | 0.0017                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 36.707           | 0.0198                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 39.568           | 0.0214                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 10.757           | 0.0058                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | 29.683           | 0.0160                | -2.5 to 2.5 | Pass    |
|                             | 1880            | 6             | 0      | 20         | 3.27          | 12.517           | 0.0067                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -16.551          | -0.0088               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -0.744           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -39.525          | -0.0210               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -21.343          | -0.0114               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -12.374          | -0.0066               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 32.830           | 0.0175                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 30.456           | 0.0162                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 45.590           | 0.0243                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 35.462           | 0.0189                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | 15.206           | 0.0081                | -2.5 to 2.5 | Pass    |
|                             | 1909.3          | 6             | 0      | 20         | 3.27          | 43.817           | 0.0229                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 25.678           | 0.0134                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 18.253           | 0.0096                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 21.701           | 0.0114                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 43.001           | 0.0225                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 20.256           | 0.0106                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 28.181           | 0.0148                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 23.704           | 0.0124                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 30.699           | 0.0161                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 44.360           | 0.0232                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | 10.328           | 0.0054                | -2.5 to 2.5 | Pass    |

|       |        |   |   |     |      |         |         |             |      |
|-------|--------|---|---|-----|------|---------|---------|-------------|------|
| 16QAM | 1850.7 | 6 | 0 | 20  | 3.27 | 37.179  | 0.0201  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | 9.341   | 0.0050  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | 7.453   | 0.0040  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | 2.289   | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | 48.008  | 0.0259  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | 25.334  | 0.0137  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | -39.668 | -0.0214 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | -2.761  | -0.0015 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | 5.708   | 0.0031  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | 29.182  | 0.0158  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | 10.386  | 0.0056  | -2.5 to 2.5 | Pass |
|       | 1880   | 6 | 0 | 20  | 3.27 | 24.261  | 0.0129  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | 1.616   | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | -28.095 | -0.0149 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | 36.736  | 0.0195  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | 26.979  | 0.0144  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | 29.783  | 0.0158  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | 14.577  | 0.0078  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | 20.471  | 0.0109  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | 41.313  | 0.0220  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | 25.635  | 0.0136  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | 29.311  | 0.0156  | -2.5 to 2.5 | Pass |
|       | 1909.3 | 6 | 0 | 20  | 3.27 | 2.818   | 0.0015  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | 7.081   | 0.0037  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | 30.413  | 0.0159  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | 40.627  | 0.0213  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | 39.668  | 0.0208  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | 13.061  | 0.0068  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | 26.078  | 0.0137  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | 23.718  | 0.0124  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | 21.472  | 0.0112  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | 39.411  | 0.0206  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | -9.699  | -0.0051 | -2.5 to 2.5 | Pass |

## 2.1.2 B2\_3MHz

| Band: 2 / Bandwidth: 3MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 1851.5          | 15            | 0      | 20         | 3.27          | -13.733          | -0.0074               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -25.120          | -0.0136               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -1.302           | -0.0007               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | 43.931           | 0.0237                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | 36.979           | 0.0200                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -7.167           | -0.0039               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | 11.101           | 0.0060                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | 52.843           | 0.0285                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | 0.114            | 0.0001                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | 45.905           | 0.0248                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | 47.994           | 0.0259                | -2.5 to 2.5 | Pass    |
|                           | 1880            | 15            | 0      | 20         | 3.27          | -40.083          | -0.0213               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -23.603          | -0.0126               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -27.623          | -0.0147               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -7.339           | -0.0039               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -45.247          | -0.0241               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -21.672          | -0.0115               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -31.486          | -0.0167               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
|       |        |    |   | 10  | 3.85 | 3.262   | 0.0017  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -4.020  | -0.0021 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 10.972  | 0.0058  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 35.634  | 0.0190  | -2.5 to 2.5 | Pass |
|       | 1908.5 | 15 | 0 | 20  | 3.27 | -0.429  | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -17.996 | -0.0094 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 5.221   | 0.0027  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -17.409 | -0.0091 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 33.946  | 0.0178  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 33.259  | 0.0174  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 18.954  | 0.0099  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 2.089   | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 33.903  | 0.0178  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 29.125  | 0.0153  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 50.383  | 0.0264  | -2.5 to 2.5 | Pass |
| 16QAM | 1851.5 | 15 | 0 | 20  | 3.27 | 1.516   | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 32.945  | 0.0178  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -17.424 | -0.0094 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -51.026 | -0.0276 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -32.659 | -0.0176 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -28.882 | -0.0156 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -2.890  | -0.0016 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -32.444 | -0.0175 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -39.024 | -0.0211 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -36.578 | -0.0198 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -16.065 | -0.0087 | -2.5 to 2.5 | Pass |
|       | 1880   | 15 | 0 | 20  | 3.27 | 34.890  | 0.0186  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 22.945  | 0.0122  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 15.006  | 0.0080  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 40.140  | 0.0214  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 22.860  | 0.0122  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 28.410  | 0.0151  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 24.948  | 0.0133  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -12.188 | -0.0065 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -36.464 | -0.0194 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -27.552 | -0.0147 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -45.075 | -0.0240 | -2.5 to 2.5 | Pass |
|       | 1908.5 | 15 | 0 | 20  | 3.27 | 31.600  | 0.0166  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 24.920  | 0.0131  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 32.501  | 0.0170  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 36.707  | 0.0192  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 23.232  | 0.0122  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -42.501 | -0.0223 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -34.347 | -0.0180 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -10.657 | -0.0056 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -9.298  | -0.0049 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -14.234 | -0.0075 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -33.545 | -0.0176 | -2.5 to 2.5 | Pass |

### 2.1.3 B2\_5MHz

| Band: 2 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 1852.5          | 25            | 0      | 20         | 3.27          | -33.717          | -0.0182               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | 3.705            | 0.0020                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | 40.412           | 0.0218                | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
|       |        |    |   | -30 | 3.85 | 46.320  | 0.0250  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 16.723  | 0.0090  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 44.518  | 0.0240  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 21.343  | 0.0115  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 15.450  | 0.0083  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 38.867  | 0.0210  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 42.586  | 0.0230  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 13.003  | 0.0070  | -2.5 to 2.5 | Pass |
|       | 1880   | 25 | 0 | 20  | 3.27 | 23.074  | 0.0123  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -25.792 | -0.0137 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -25.749 | -0.0137 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.558  | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.516  | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 1.731   | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 25.606  | 0.0136  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 16.336  | 0.0087  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -35.720 | -0.0190 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -17.538 | -0.0093 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -12.445 | -0.0066 | -2.5 to 2.5 | Pass |
|       | 1907.5 | 25 | 0 | 20  | 3.27 | -24.662 | -0.0129 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -29.082 | -0.0152 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -22.860 | -0.0120 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -18.382 | -0.0096 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -17.266 | -0.0091 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 1.945   | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 19.040  | 0.0100  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 12.546  | 0.0066  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 7.167   | 0.0038  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.730   | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 11.172  | 0.0059  | -2.5 to 2.5 | Pass |
| 16QAM | 1852.5 | 25 | 0 | 20  | 3.27 | 35.920  | 0.0194  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 18.053  | 0.0097  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 23.689  | 0.0128  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 44.346  | 0.0239  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 16.980  | 0.0092  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 13.661  | 0.0074  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 44.274  | 0.0239  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 11.258  | 0.0061  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 8.111   | 0.0044  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 8.082   | 0.0044  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 31.571  | 0.0170  | -2.5 to 2.5 | Pass |
|       | 1880   | 25 | 0 | 20  | 3.27 | -31.142 | -0.0166 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -30.770 | -0.0164 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 14.763  | 0.0079  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 21.329  | 0.0113  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 14.706  | 0.0078  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 24.190  | 0.0129  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 2.089   | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 43.516  | 0.0231  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 41.986  | 0.0223  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 4.692   | 0.0025  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 38.595  | 0.0205  | -2.5 to 2.5 | Pass |
|       | 1907.5 | 25 | 0 | 20  | 3.27 | 7.625   | 0.0040  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -33.889 | -0.0178 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -28.667 | -0.0150 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -22.502 | -0.0118 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -17.695 | -0.0093 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -22.330 | -0.0117 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 4.106   | 0.0022  | -2.5 to 2.5 | Pass |

|  |  |  |  |    |      |         |         |             |      |
|--|--|--|--|----|------|---------|---------|-------------|------|
|  |  |  |  | 10 | 3.85 | -3.977  | -0.0021 | -2.5 to 2.5 | Pass |
|  |  |  |  | 30 | 3.85 | -25.277 | -0.0133 | -2.5 to 2.5 | Pass |
|  |  |  |  | 40 | 3.85 | -19.355 | -0.0101 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50 | 3.85 | -9.670  | -0.0051 | -2.5 to 2.5 | Pass |

## 2.1.4 B2\_10MHz

| Band: 2 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1855            | 50            | 0      | 20         | 3.27          | -21.844          | -0.0118               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -48.537          | -0.0262               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 12.589           | 0.0068                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 2.217            | 0.0012                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -2.732           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 15.035           | 0.0081                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 15.521           | 0.0084                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 38.853           | 0.0209                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 44.746           | 0.0241                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 12.817           | 0.0069                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 7.796            | 0.0042                | -2.5 to 2.5 | Pass    |
|                            | 1880            | 50            | 0      | 20         | 3.27          | -10.042          | -0.0053               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -18.153          | -0.0097               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -45.719          | -0.0243               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -27.766          | -0.0148               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -44.618          | -0.0237               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -19.655          | -0.0105               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -25.091          | -0.0133               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -28.424          | -0.0151               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -23.160          | -0.0123               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -4.478           | -0.0024               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 2.174            | 0.0012                | -2.5 to 2.5 | Pass    |
|                            | 1905            | 50            | 0      | 20         | 3.27          | 1.817            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -29.812          | -0.0156               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 2.532            | 0.0013                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -5.951           | -0.0031               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -17.166          | -0.0090               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -29.569          | -0.0155               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -30.813          | -0.0162               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -36.049          | -0.0189               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -31.085          | -0.0163               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -35.491          | -0.0186               | -2.5 to 2.5 | Pass    |
| 16QAM                      | 1855            | 50            | 0      | 20         | 3.27          | -14.005          | -0.0075               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -21.830          | -0.0118               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -22.573          | -0.0122               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -17.424          | -0.0094               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 1.602            | 0.0009                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 14.248           | 0.0077                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -0.930           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -15.807          | -0.0085               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -25.649          | -0.0138               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -11.730          | -0.0063               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 10.629           | 0.0057                | -2.5 to 2.5 | Pass    |
|                            | 1880            | 50            | 0      | 20         | 3.27          | 35.276           | 0.0188                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 35.505           | 0.0189                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 29.211           | 0.0155                | -2.5 to 2.5 | Pass    |

|  |      |    |   |     |      |         |         |             |      |
|--|------|----|---|-----|------|---------|---------|-------------|------|
|  |      |    |   | -30 | 3.85 | 21.214  | 0.0113  | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.85 | 1.960   | 0.0010  | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.85 | -14.219 | -0.0076 | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.85 | 2.060   | 0.0011  | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.85 | -2.990  | -0.0016 | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.85 | 0.572   | 0.0003  | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.85 | 2.003   | 0.0011  | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.85 | -5.078  | -0.0027 | -2.5 to 2.5 | Pass |
|  | 1905 | 50 | 0 | 20  | 3.27 | 8.898   | 0.0047  | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 3.85 | 37.422  | 0.0196  | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 4.43 | -24.776 | -0.0130 | -2.5 to 2.5 | Pass |
|  |      |    |   | -30 | 3.85 | -37.737 | -0.0198 | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.85 | -39.039 | -0.0205 | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.85 | -8.683  | -0.0046 | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.85 | -31.085 | -0.0163 | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.85 | -44.875 | -0.0236 | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.85 | -14.749 | -0.0077 | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.85 | -10.099 | -0.0053 | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.85 | -25.735 | -0.0135 | -2.5 to 2.5 | Pass |

## 2.1.5 B2\_15MHz

| Band: 2 / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1857.5          | 75            | 0      | 20         | 3.27          | 11.187           | 0.0060                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -15.521          | -0.0084               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -17.610          | -0.0095               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 0.844            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 13.175           | 0.0071                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 20.957           | 0.0113                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 35.234           | 0.0190                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 10.600           | 0.0057                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 1.631            | 0.0009                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 27.609           | 0.0149                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 32.730           | 0.0176                | -2.5 to 2.5 | Pass    |
|                            | 1880            | 75            | 0      | 20         | 3.27          | 4.148            | 0.0022                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -20.657          | -0.0110               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 49.424           | 0.0263                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 21.758           | 0.0116                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 13.890           | 0.0074                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 13.318           | 0.0071                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 46.034           | 0.0245                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 24.934           | 0.0133                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 37.107           | 0.0197                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 10.457           | 0.0056                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 22.802           | 0.0121                | -2.5 to 2.5 | Pass    |
|                            | 1902.5          | 75            | 0      | 20         | 3.27          | -23.947          | -0.0126               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -2.918           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -30.098          | -0.0158               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -39.811          | -0.0209               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 11.716           | 0.0062                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -13.676          | -0.0072               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 19.612           | 0.0103                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -37.694          | -0.0198               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -42.915          | -0.0226               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -45.590          | -0.0240               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
| 16QAM | 1857.5 | 75 | 0 | 50  | 3.85 | -33.431 | -0.0176 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | 37.122  | 0.0200  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 44.560  | 0.0240  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 51.084  | 0.0275  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 7.081   | 0.0038  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -2.918  | -0.0016 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 4.277   | 0.0023  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 15.264  | 0.0082  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 25.492  | 0.0137  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -5.693  | -0.0031 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 10.986  | 0.0059  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 7.882   | 0.0042  | -2.5 to 2.5 | Pass |
|       | 1880   | 75 | 0 | 20  | 3.27 | 23.003  | 0.0122  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -30.627 | -0.0163 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 20.442  | 0.0109  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -23.417 | -0.0125 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 9.098   | 0.0048  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 37.837  | 0.0201  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 11.401  | 0.0061  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 7.825   | 0.0042  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 27.266  | 0.0145  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -26.307 | -0.0140 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -28.782 | -0.0153 | -2.5 to 2.5 | Pass |
|       | 1902.5 | 75 | 0 | 20  | 3.27 | -15.421 | -0.0081 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 8.183   | 0.0043  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 15.063  | 0.0079  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 6.709   | 0.0035  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -29.011 | -0.0152 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -12.631 | -0.0066 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -5.751  | -0.0030 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -7.038  | -0.0037 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 1.388   | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 9.685   | 0.0051  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 8.998   | 0.0047  | -2.5 to 2.5 | Pass |

## 2.1.6 B2\_20MHz

| Band: 2 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1860            | 100           | 0      | 20         | 3.27          | -27.552          | -0.0148               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -20.270          | -0.0109               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -1.917           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 6.022            | 0.0032                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 12.016           | 0.0065                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 3.648            | 0.0020                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 20.185           | 0.0109                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 46.563           | 0.0250                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 2.561            | 0.0014                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 34.032           | 0.0183                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 45.719           | 0.0246                | -2.5 to 2.5 | Pass    |
|                            | 1880            | 100           | 0      | 20         | 3.27          | -13.633          | -0.0073               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -39.725          | -0.0211               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -14.648          | -0.0078               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -26.722          | -0.0142               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -28.138          | -0.0150               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -4.363           | -0.0023               | -2.5 to 2.5 | Pass    |

|       |      |     |   |     |      |         |         |             |      |
|-------|------|-----|---|-----|------|---------|---------|-------------|------|
|       |      |     |   | 0   | 3.85 | 22.373  | 0.0119  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | 8.969   | 0.0048  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -9.670  | -0.0051 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | 6.337   | 0.0034  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 30.642  | 0.0163  | -2.5 to 2.5 | Pass |
|       | 1900 | 100 | 0 | 20  | 3.27 | -36.807 | -0.0194 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -19.684 | -0.0104 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -45.161 | -0.0238 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | 13.289  | 0.0070  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | 37.823  | 0.0199  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | 16.909  | 0.0089  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | 0.687   | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -20.986 | -0.0110 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -3.848  | -0.0020 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | 33.031  | 0.0174  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 16.937  | 0.0089  | -2.5 to 2.5 | Pass |
| 16QAM | 1860 | 100 | 0 | 20  | 3.27 | 18.897  | 0.0102  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | 30.870  | 0.0166  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | 4.864   | 0.0026  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | 26.493  | 0.0142  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -9.012  | -0.0048 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -0.930  | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -39.783 | -0.0214 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -19.484 | -0.0105 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -17.438 | -0.0094 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -19.913 | -0.0107 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -9.198  | -0.0049 | -2.5 to 2.5 | Pass |
|       | 1880 | 100 | 0 | 20  | 3.27 | 20.614  | 0.0110  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -25.578 | -0.0136 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -32.701 | -0.0174 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | 10.829  | 0.0058  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | 19.240  | 0.0102  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -32.873 | -0.0175 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -51.870 | -0.0276 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -10.571 | -0.0056 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | 5.136   | 0.0027  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | 31.371  | 0.0167  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 12.474  | 0.0066  | -2.5 to 2.5 | Pass |
|       | 1900 | 100 | 0 | 20  | 3.27 | 28.782  | 0.0151  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | 15.607  | 0.0082  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | 19.827  | 0.0104  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | 8.183   | 0.0043  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | 2.446   | 0.0013  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -10.242 | -0.0054 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -9.570  | -0.0050 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | 25.635  | 0.0135  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | 38.567  | 0.0203  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -29.283 | -0.0154 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 16.508  | 0.0087  | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

#### 3.1 Test Result

##### 3.1.1 B2\_1.4MHz

| Band: 2 / Bandwidth: 1.4MHz / NTV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 1880            | 6             | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 1880            | 6             | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.2 B2\_3MHz

| Band: 2 / Bandwidth: 3MHz / NTNV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1880            | 15            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1880            | 15            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.3 B2\_5MHz

| Band: 2 / Bandwidth: 5MHz / NTV |                 |               |        |                            |       |         |
|---------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                 |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                            | 1880            | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                           | 1880            | 25            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.4 B2\_10MHz

| Band: 2 / Bandwidth: 10MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1880            | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1880            | 50            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.5 B2\_15MHz

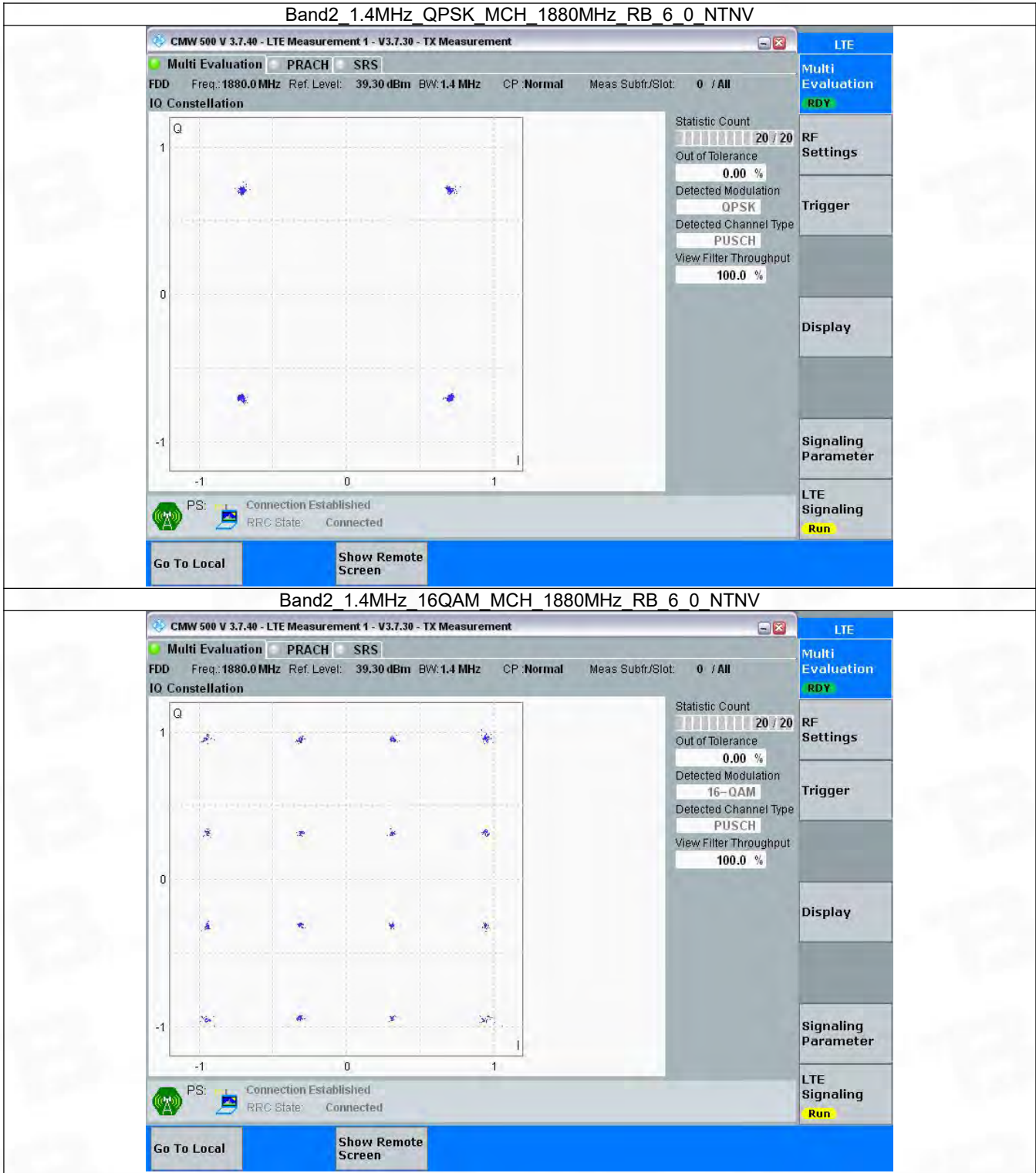
| Band: 2 / Bandwidth: 15MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1880            | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1880            | 75            | 0      | Refer To Test Graph        |       | Pass    |

### 3.1.6 B2\_20MHz

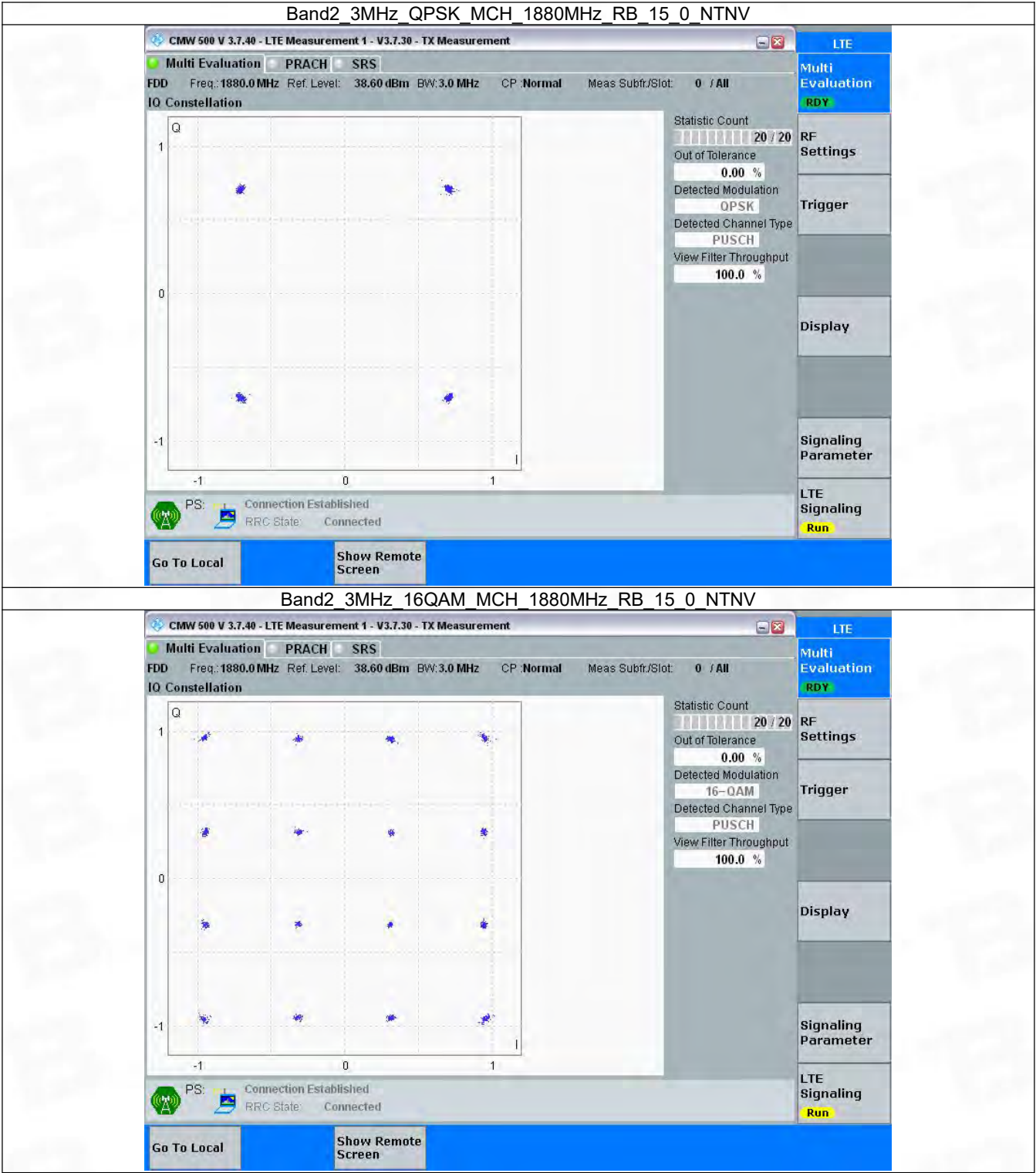
| Band: 2 / Bandwidth: 20MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1880            | 100           | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1880            | 100           | 0      | Refer To Test Graph        |       | Pass    |

3.2 Test Graph

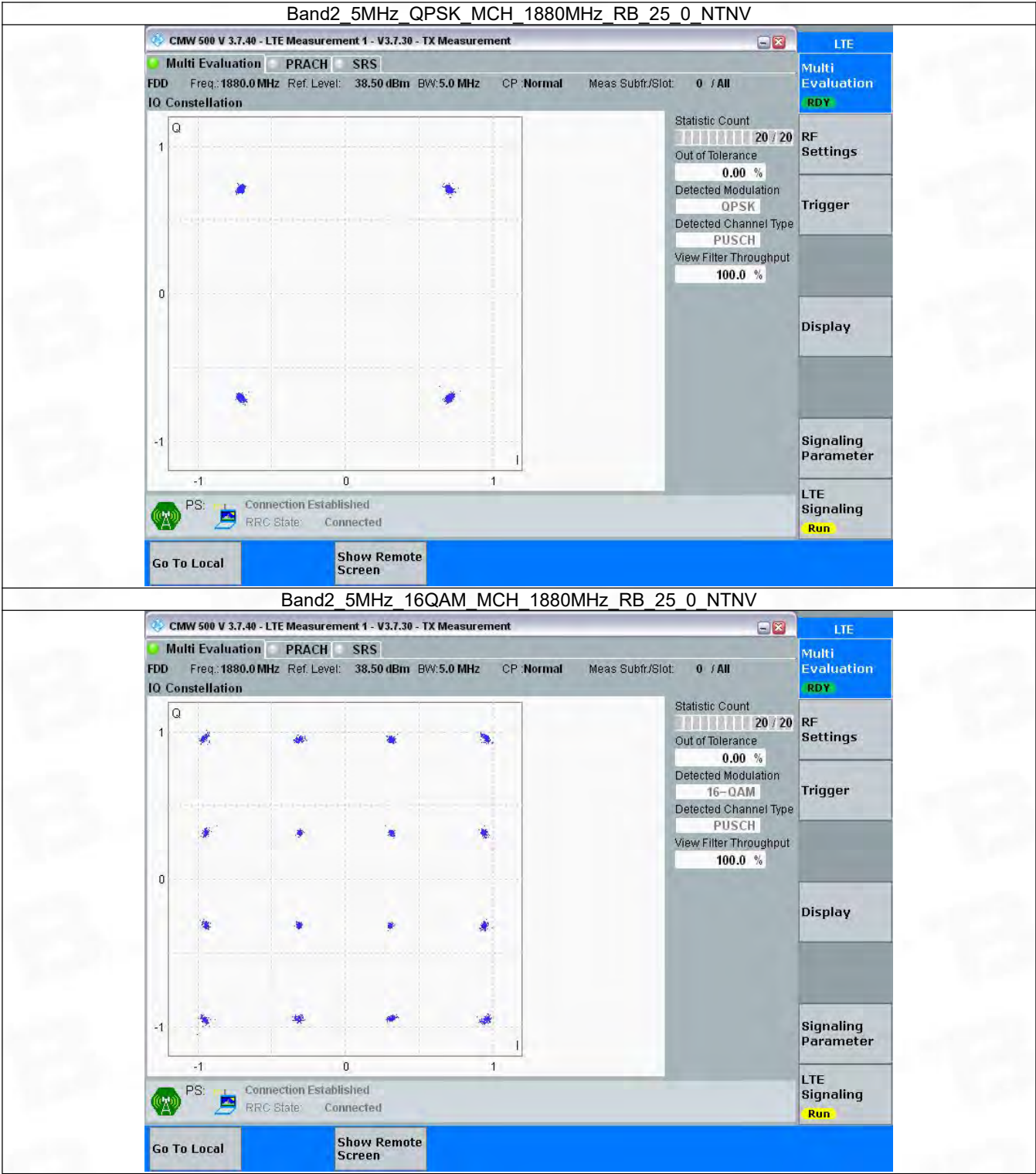
3.2.1 B2\_1.4MHz



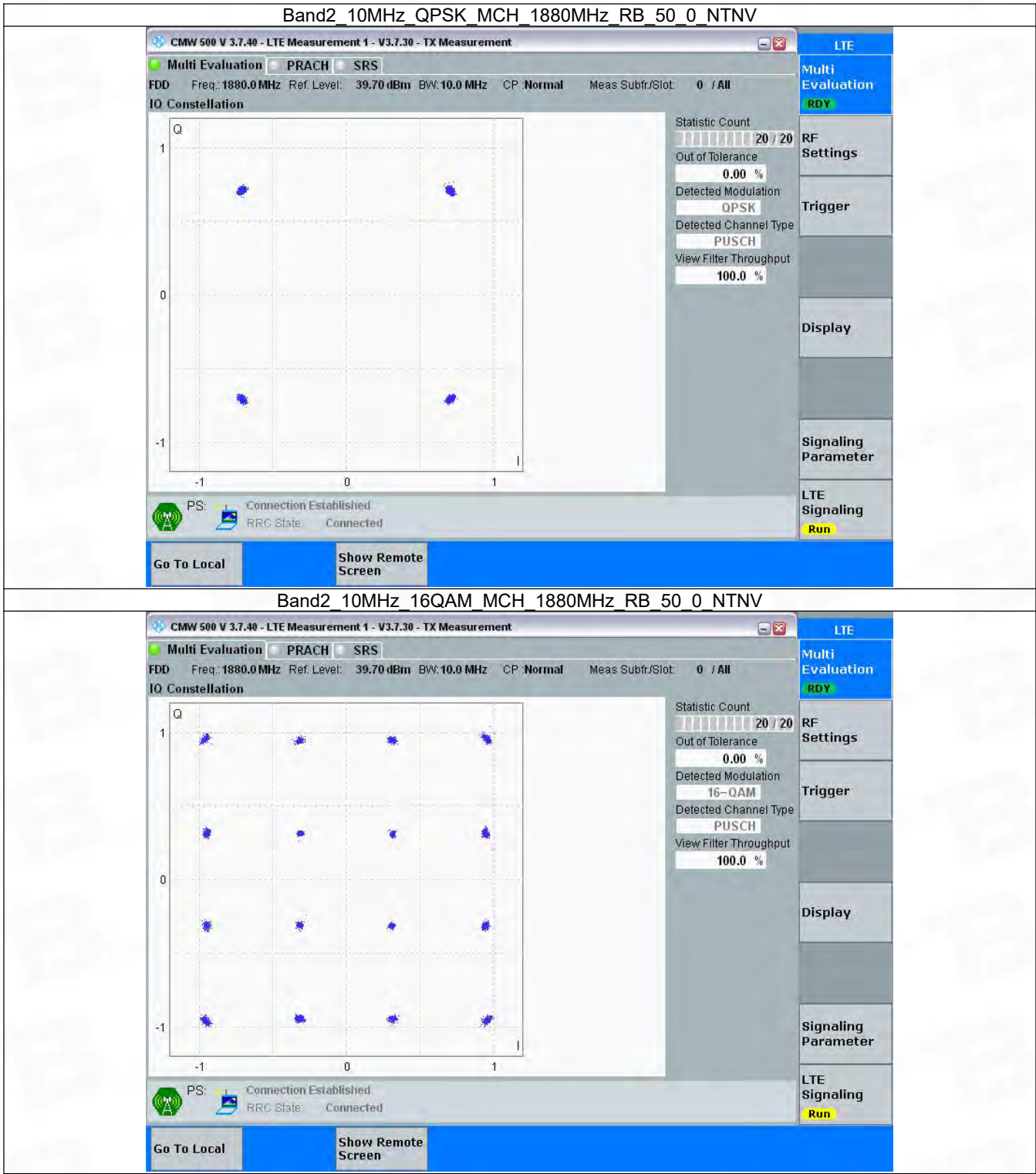
### 3.2.2 B2\_3MHz



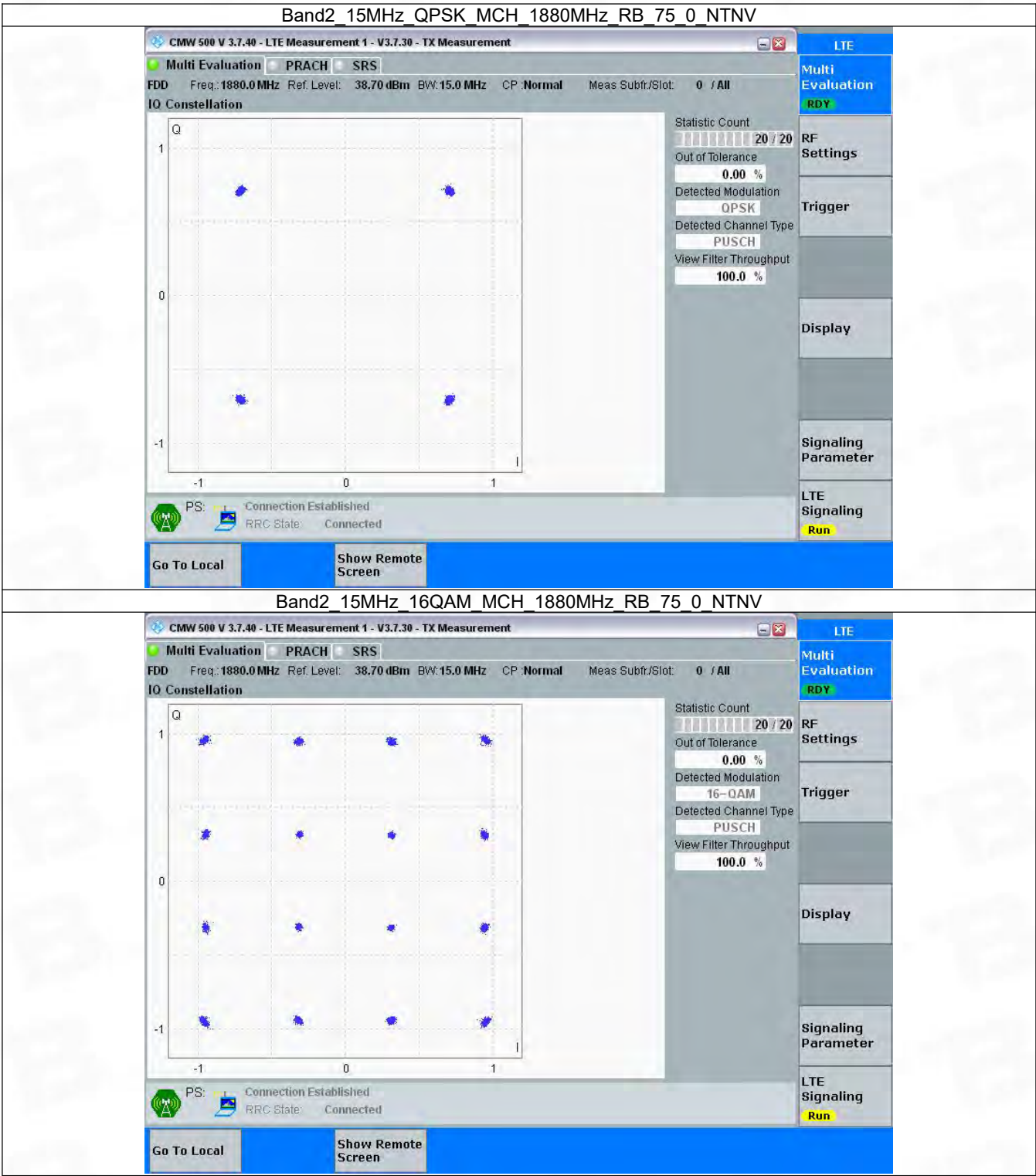
3.2.3 B2\_5MHz



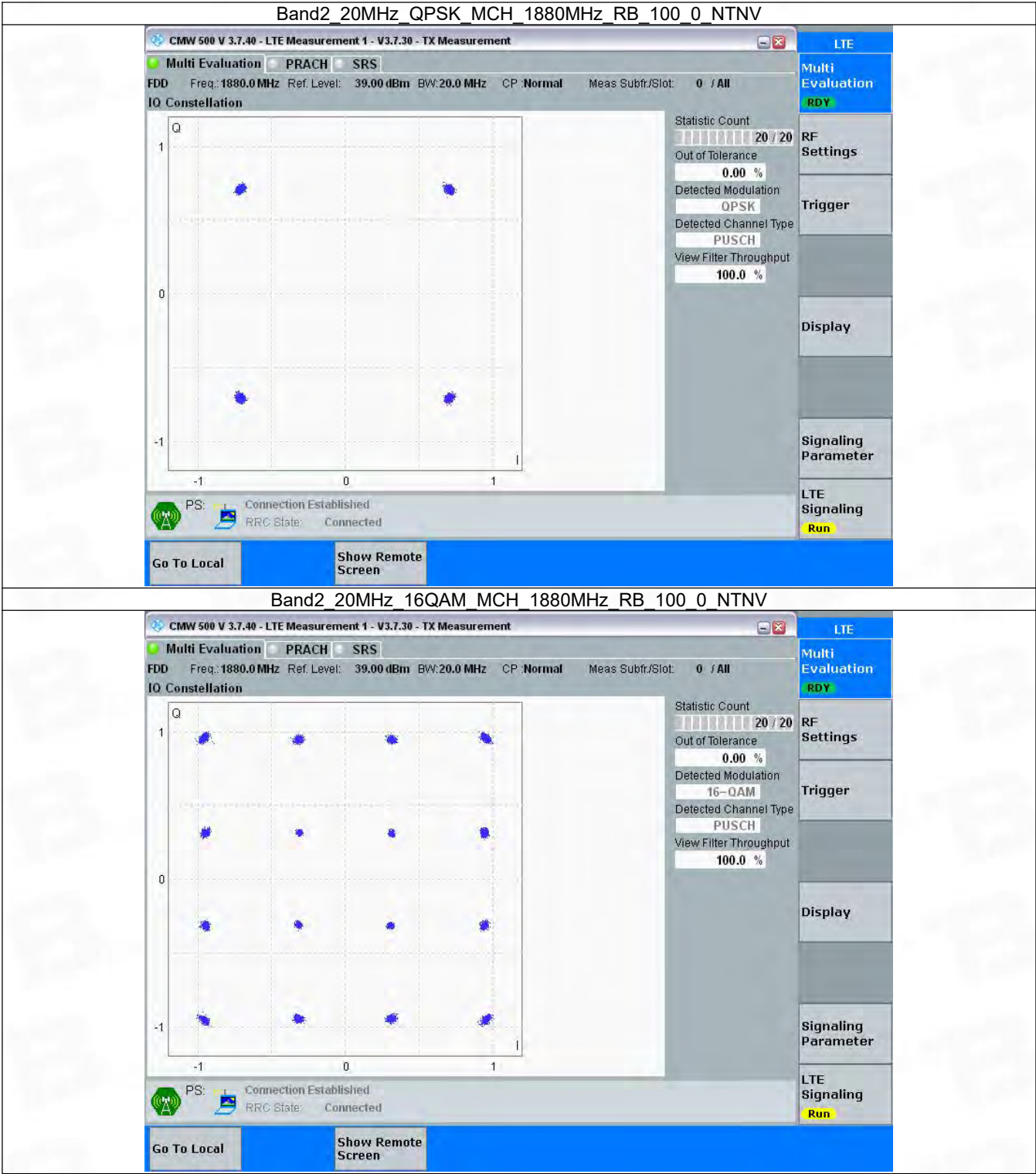
3.2.4 B2\_10MHz



3.2.5 B2\_15MHz



3.2.6 B2\_20MHz



## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band2\_OBW

| Band: 2 / NTNV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 1.112                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.115                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.121                        | /     | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 1.113                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.112                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.116                        | /     | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 2.752                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.756                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.751                        | /     | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 2.762                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.752                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.754                        | /     | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 4.568                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.552                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.543                        | /     | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 4.538                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.570                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.573                        | /     | Pass    |
| 10              | QPSK       | 1855            | 50            | 0      | 9.087                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.055                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.080                        | /     | Pass    |
|                 | 16QAM      | 1855            | 50            | 0      | 9.075                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.071                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.071                        | /     | Pass    |
| 15              | QPSK       | 1857.5          | 75            | 0      | 13.563                       | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 13.626                       | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.613                       | /     | Pass    |
|                 | 16QAM      | 1857.5          | 75            | 0      | 13.622                       | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 13.659                       | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.629                       | /     | Pass    |
| 20              | QPSK       | 1860            | 100           | 0      | 18.133                       | /     | Pass    |
|                 |            | 1880            | 100           | 0      | 18.220                       | /     | Pass    |
|                 |            | 1900            | 100           | 0      | 18.078                       | /     | Pass    |
|                 | 16QAM      | 1860            | 100           | 0      | 18.174                       | /     | Pass    |
|                 |            | 1880            | 100           | 0      | 18.204                       | /     | Pass    |
|                 |            | 1900            | 100           | 0      | 18.140                       | /     | Pass    |

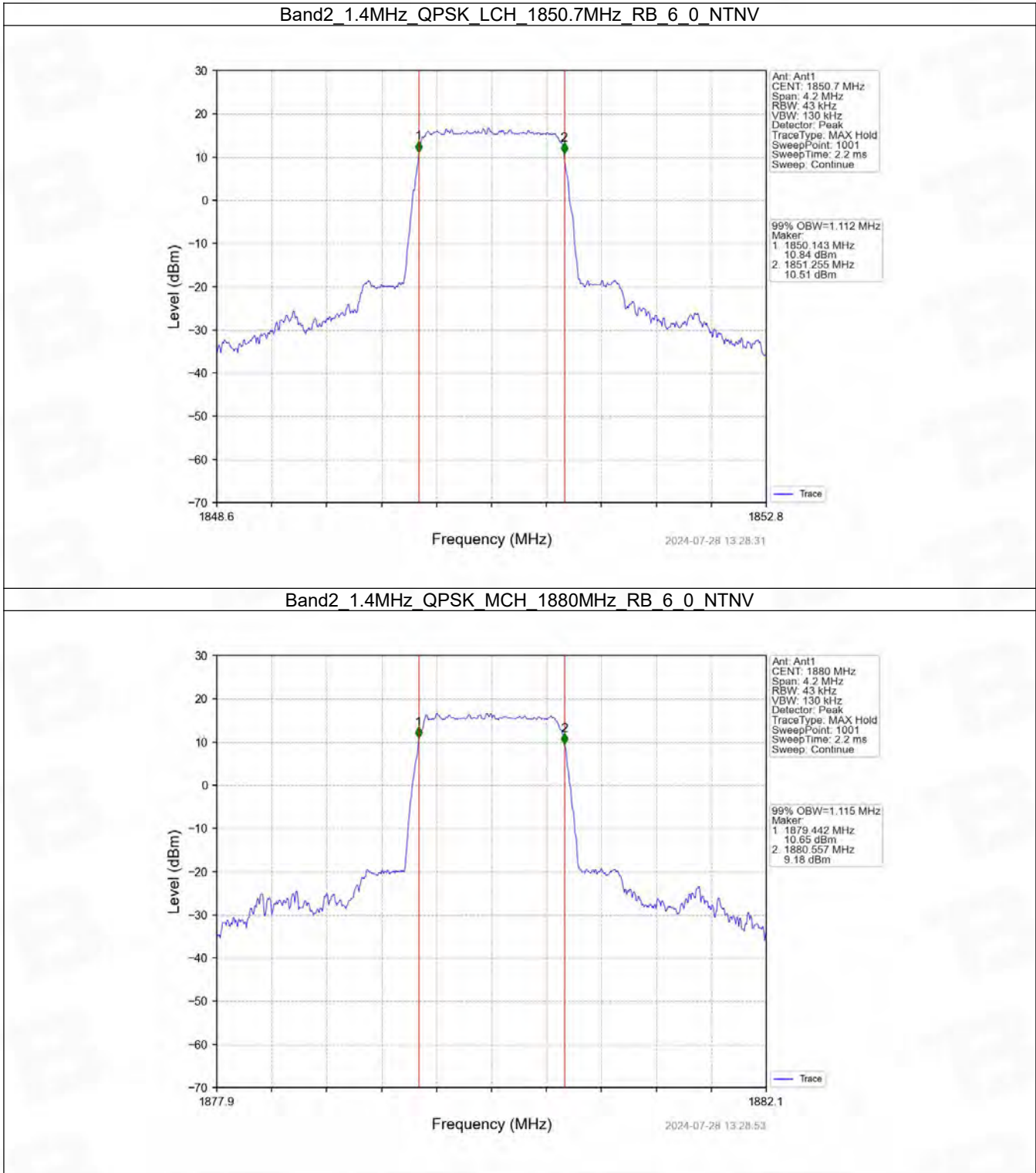
#### 4.1.2 Band2\_XDB

| Band: 2 / NTNV  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 1.270                | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.271                | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.279                | /     | Pass    |

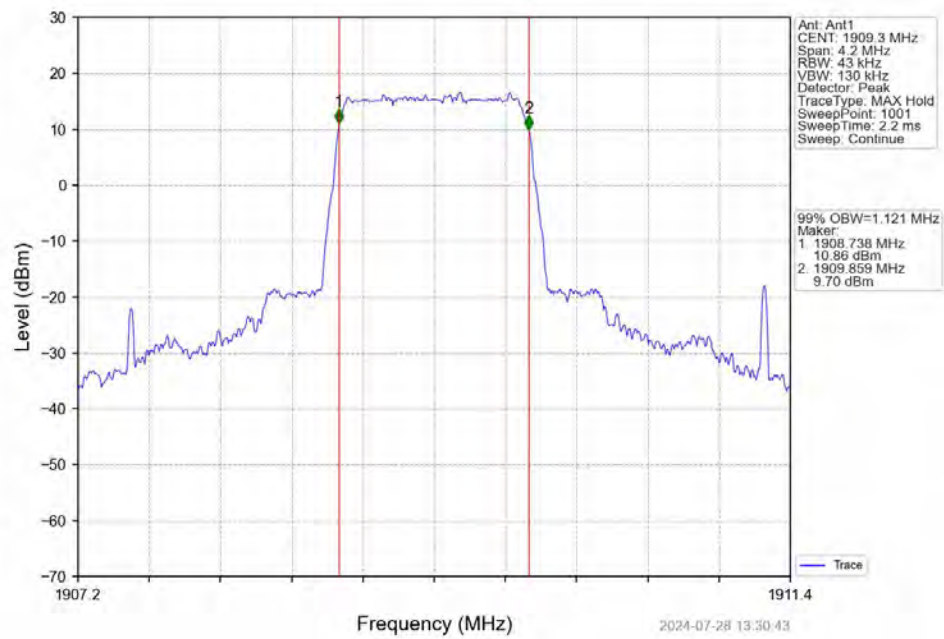
|    |       |        |     |   |        |   |      |
|----|-------|--------|-----|---|--------|---|------|
|    | 16QAM | 1850.7 | 6   | 0 | 1.273  | / | Pass |
|    |       | 1880   | 6   | 0 | 1.270  | / | Pass |
|    |       | 1909.3 | 6   | 0 | 1.265  | / | Pass |
| 3  | QPSK  | 1851.5 | 15  | 0 | 3.101  | / | Pass |
|    |       | 1880   | 15  | 0 | 3.100  | / | Pass |
|    |       | 1908.5 | 15  | 0 | 3.082  | / | Pass |
|    | 16QAM | 1851.5 | 15  | 0 | 3.103  | / | Pass |
|    |       | 1880   | 15  | 0 | 3.125  | / | Pass |
|    |       | 1908.5 | 15  | 0 | 3.102  | / | Pass |
| 5  | QPSK  | 1852.5 | 25  | 0 | 5.052  | / | Pass |
|    |       | 1880   | 25  | 0 | 5.043  | / | Pass |
|    |       | 1907.5 | 25  | 0 | 5.059  | / | Pass |
|    | 16QAM | 1852.5 | 25  | 0 | 5.046  | / | Pass |
|    |       | 1880   | 25  | 0 | 5.053  | / | Pass |
|    |       | 1907.5 | 25  | 0 | 5.057  | / | Pass |
| 10 | QPSK  | 1855   | 50  | 0 | 10.093 | / | Pass |
|    |       | 1880   | 50  | 0 | 10.028 | / | Pass |
|    |       | 1905   | 50  | 0 | 10.042 | / | Pass |
|    | 16QAM | 1855   | 50  | 0 | 10.051 | / | Pass |
|    |       | 1880   | 50  | 0 | 10.079 | / | Pass |
|    |       | 1905   | 50  | 0 | 10.048 | / | Pass |
| 15 | QPSK  | 1857.5 | 75  | 0 | 15.191 | / | Pass |
|    |       | 1880   | 75  | 0 | 15.163 | / | Pass |
|    |       | 1902.5 | 75  | 0 | 15.180 | / | Pass |
|    | 16QAM | 1857.5 | 75  | 0 | 15.191 | / | Pass |
|    |       | 1880   | 75  | 0 | 15.223 | / | Pass |
|    |       | 1902.5 | 75  | 0 | 15.213 | / | Pass |
| 20 | QPSK  | 1860   | 100 | 0 | 19.929 | / | Pass |
|    |       | 1880   | 100 | 0 | 20.176 | / | Pass |
|    |       | 1900   | 100 | 0 | 19.898 | / | Pass |
|    | 16QAM | 1860   | 100 | 0 | 20.045 | / | Pass |
|    |       | 1880   | 100 | 0 | 20.055 | / | Pass |
|    |       | 1900   | 100 | 0 | 20.121 | / | Pass |

4.2 Test Graph

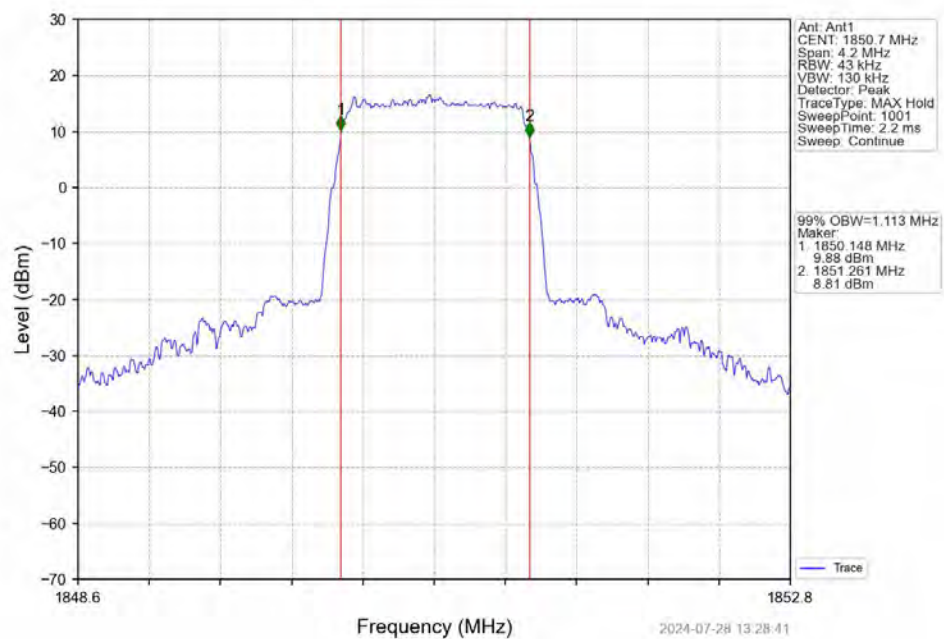
4.2.1 Band2\_OBW



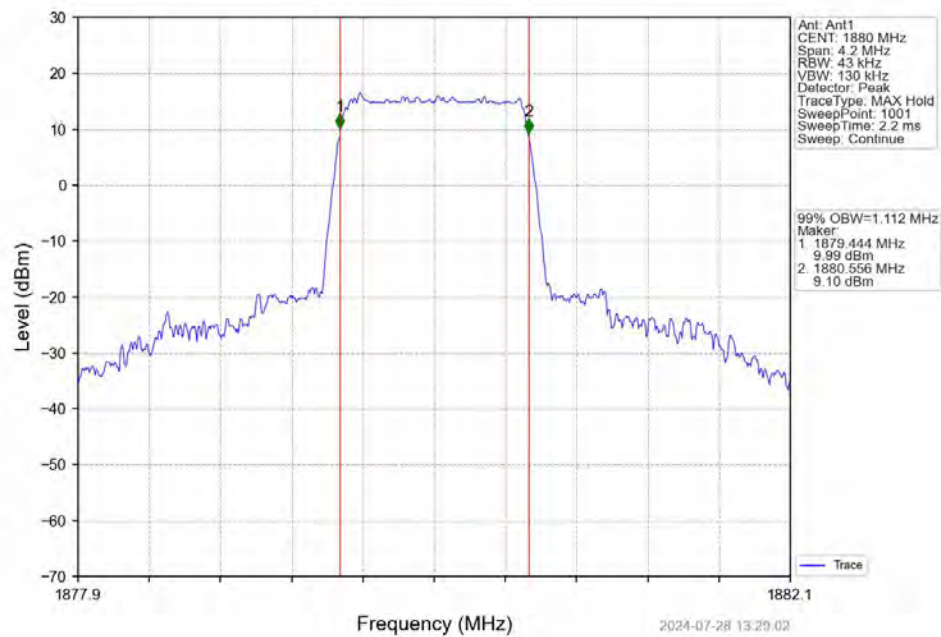
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



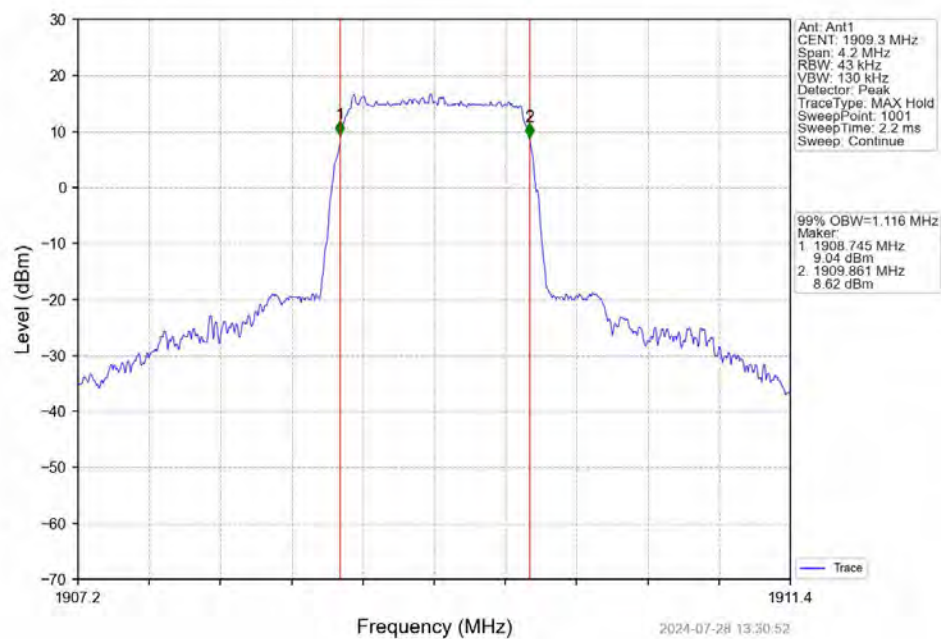
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



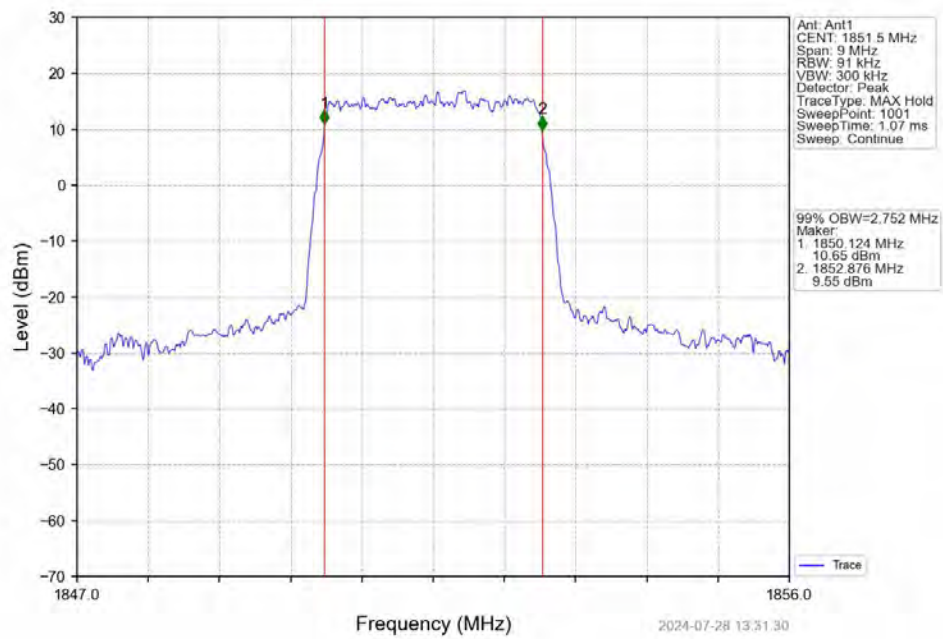
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



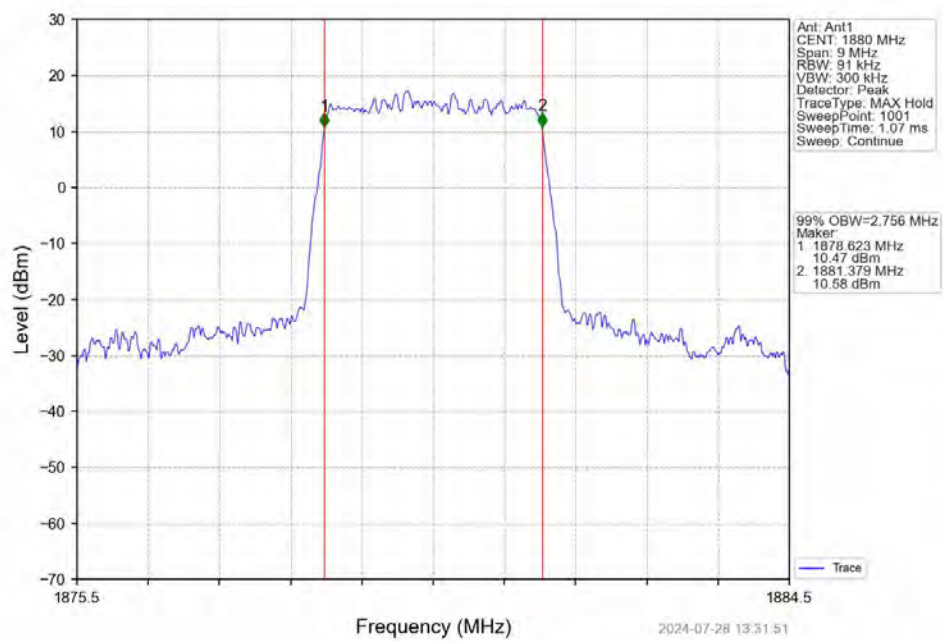
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



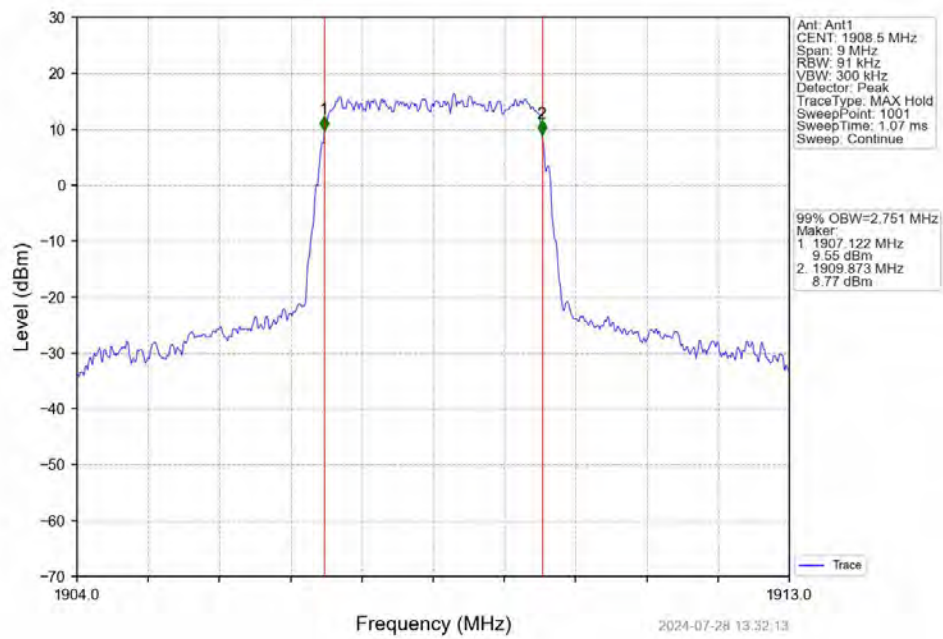
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



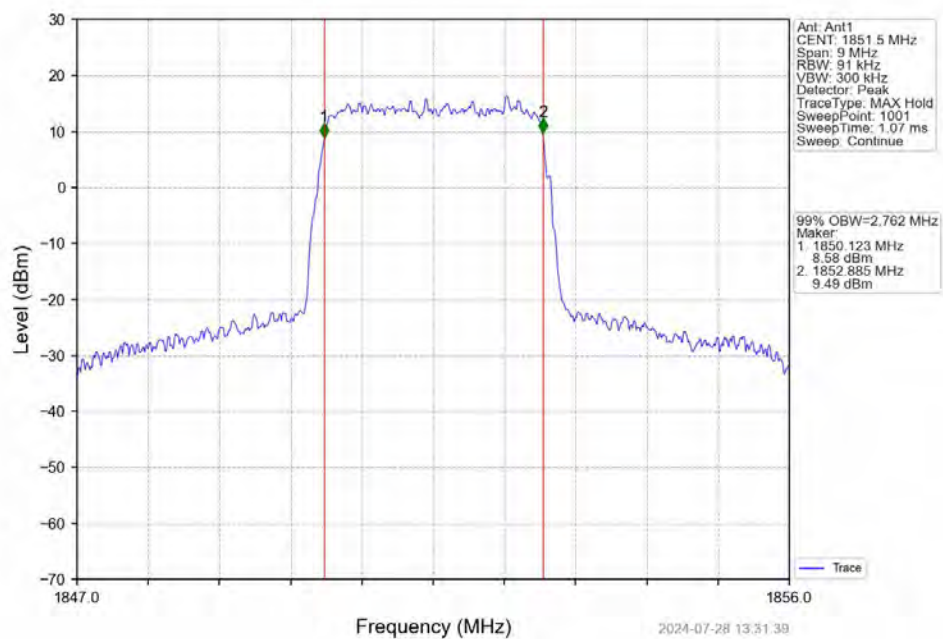
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



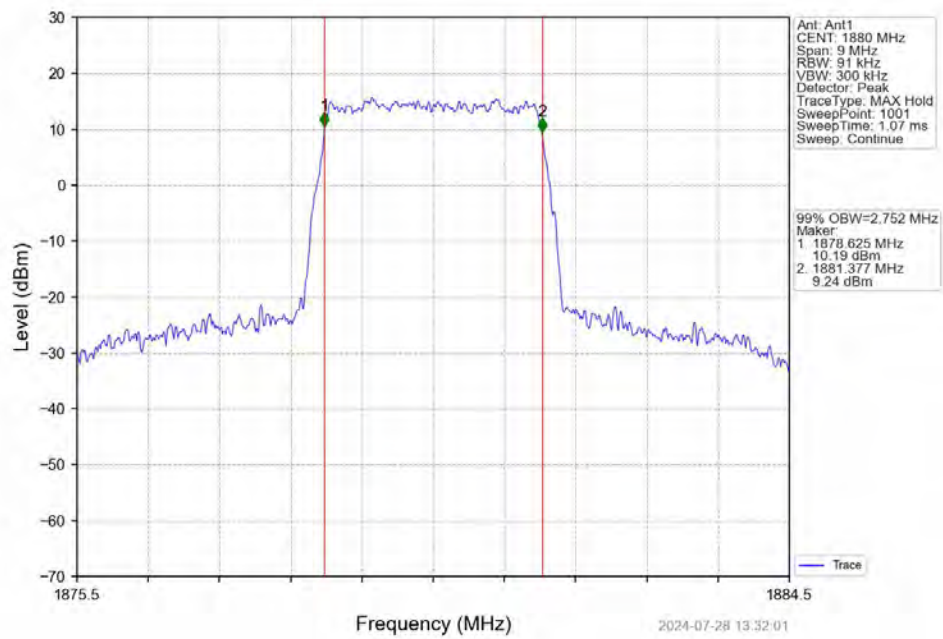
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



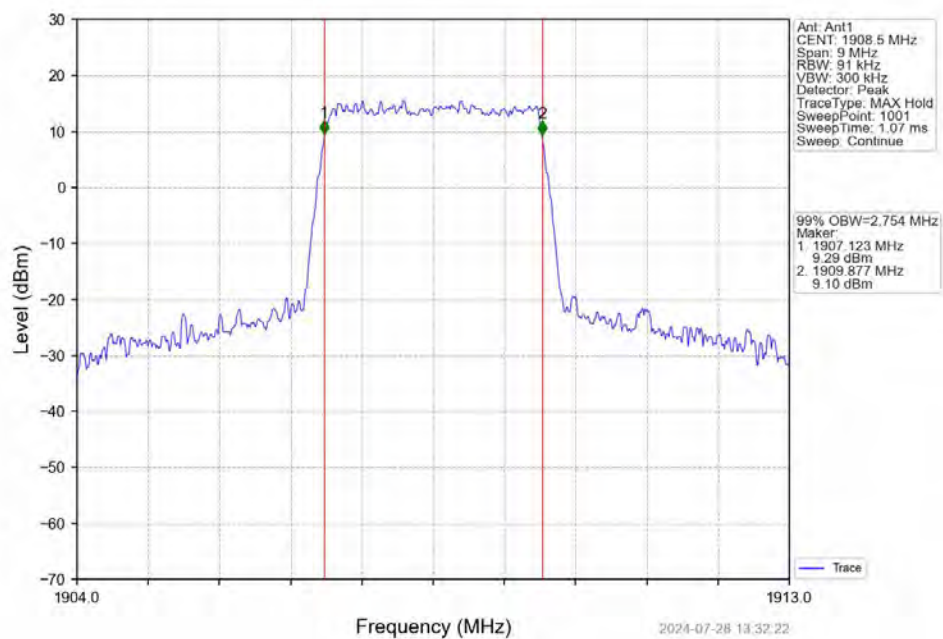
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



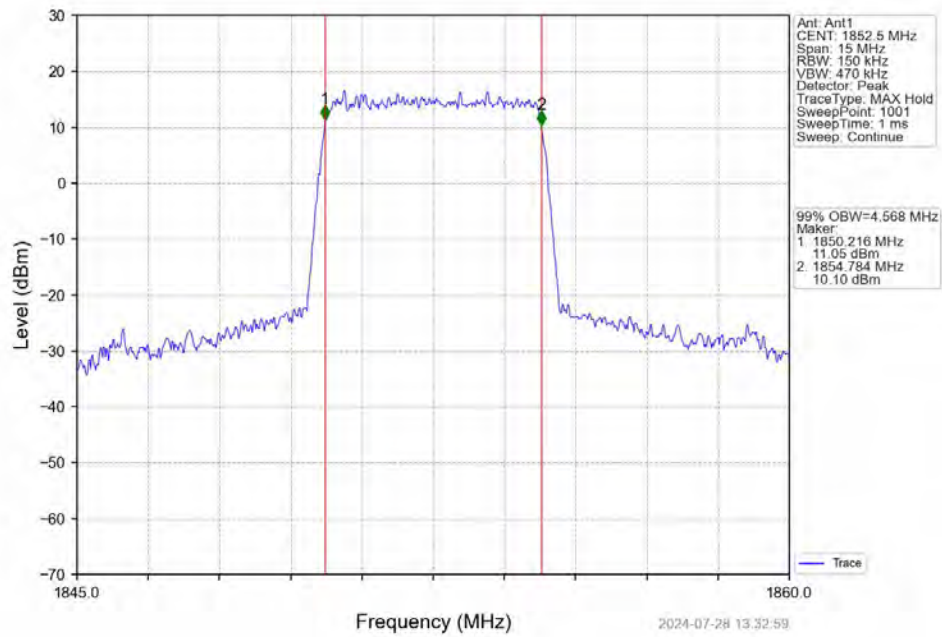
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



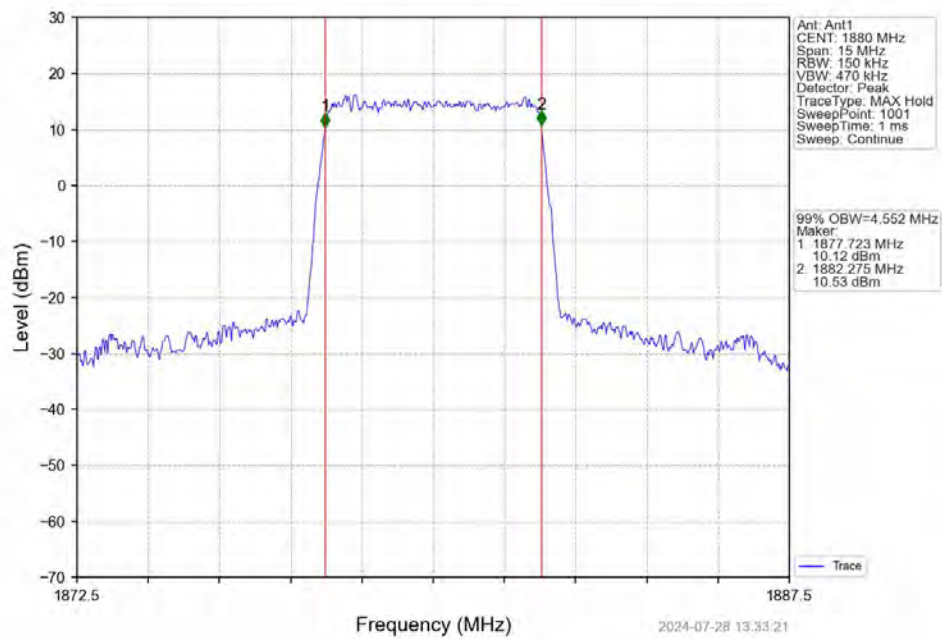
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



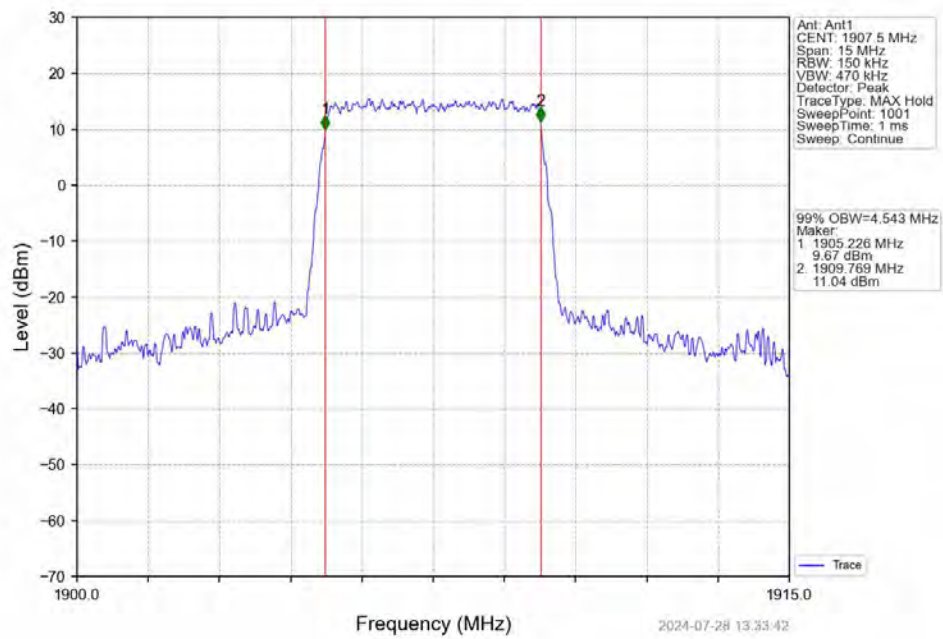
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



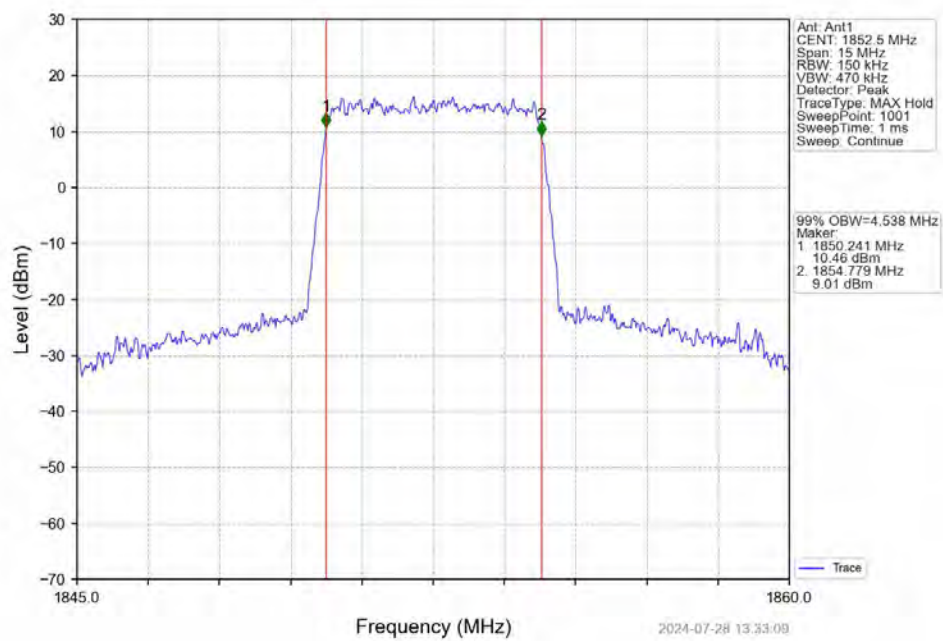
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



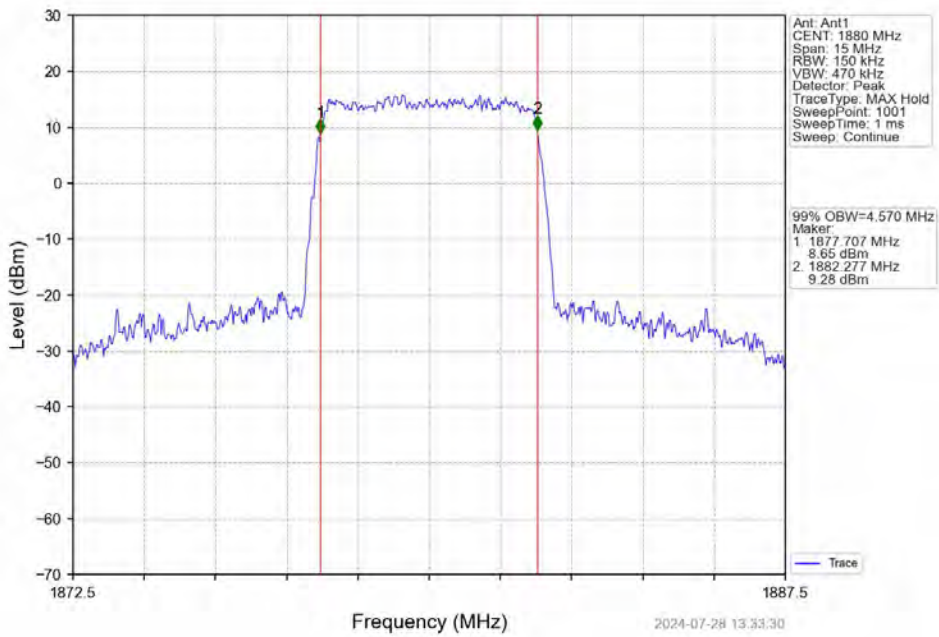
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



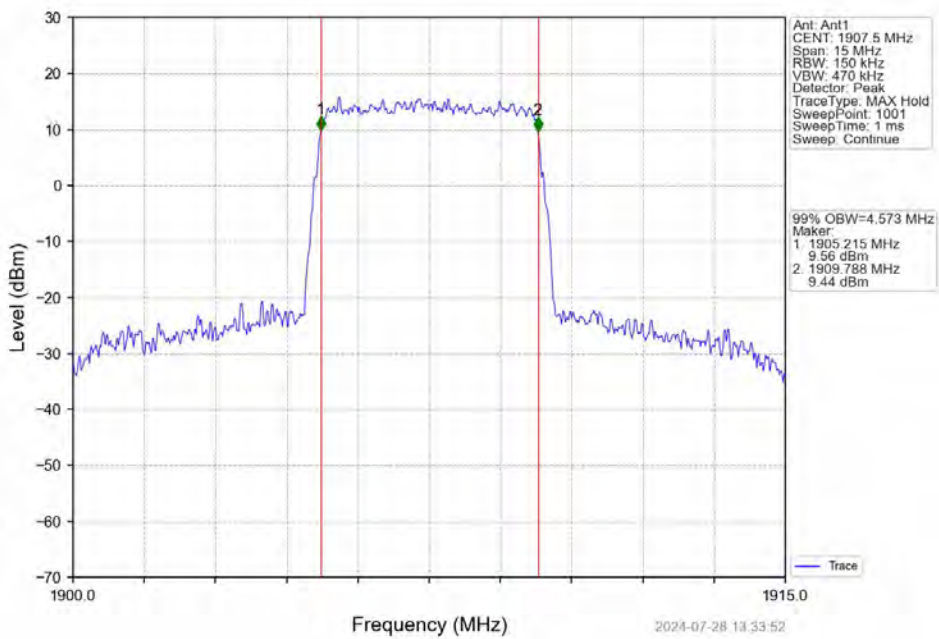
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



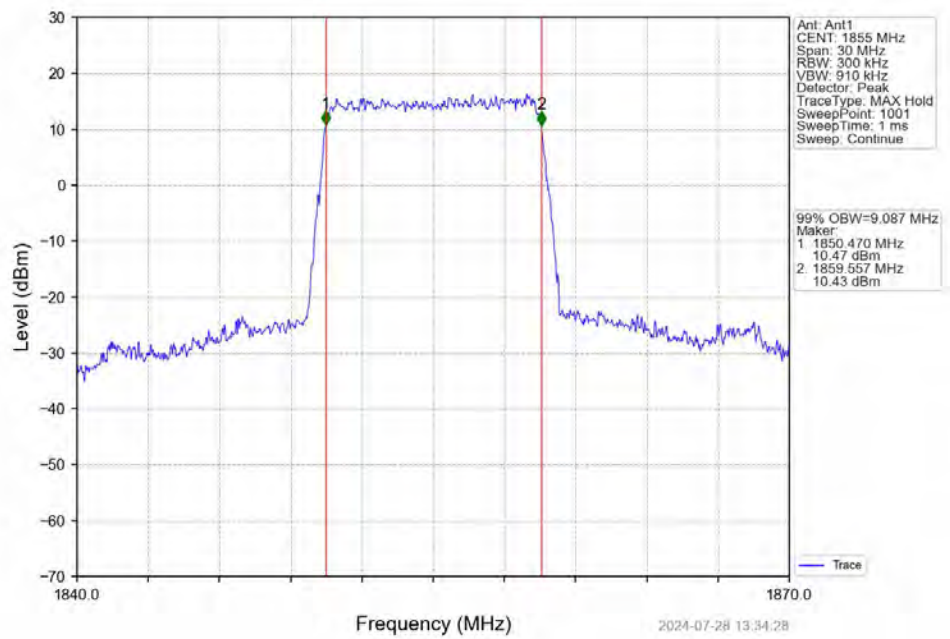
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



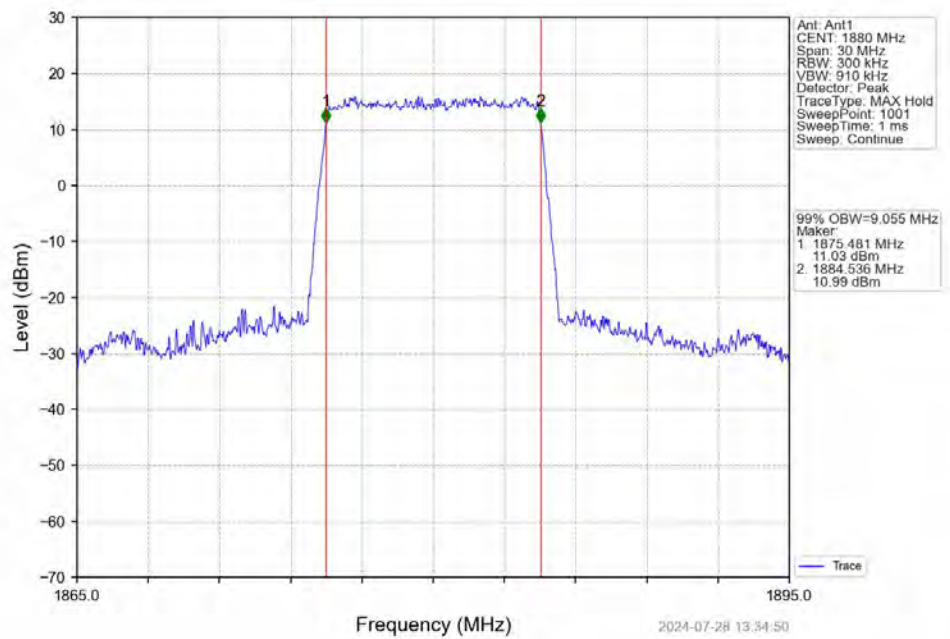
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



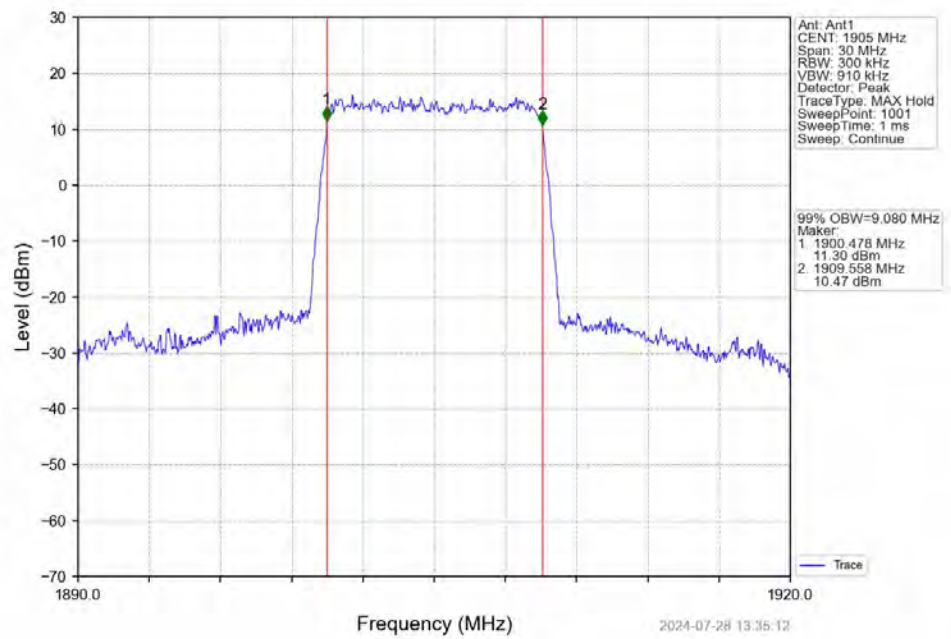
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



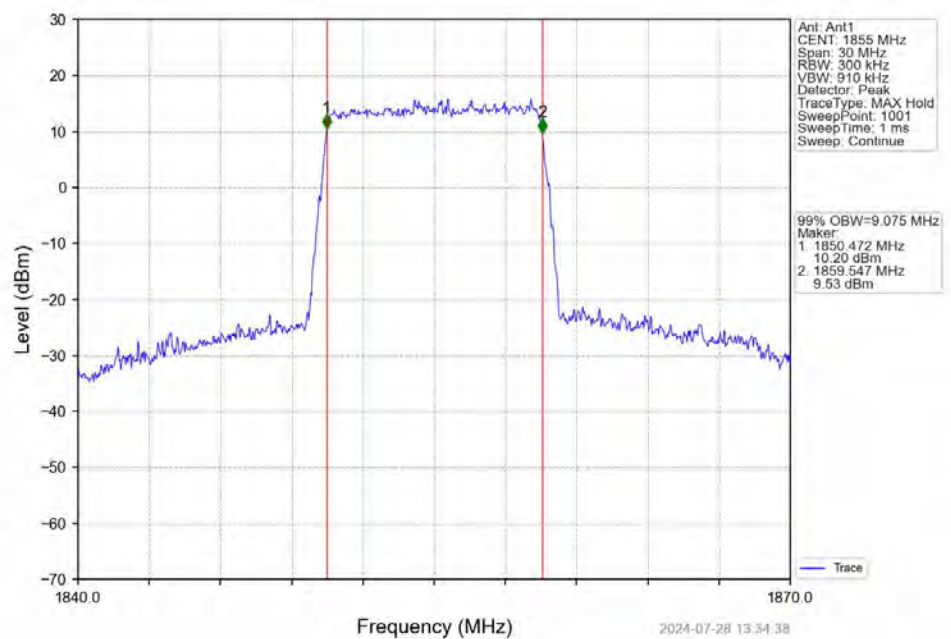
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



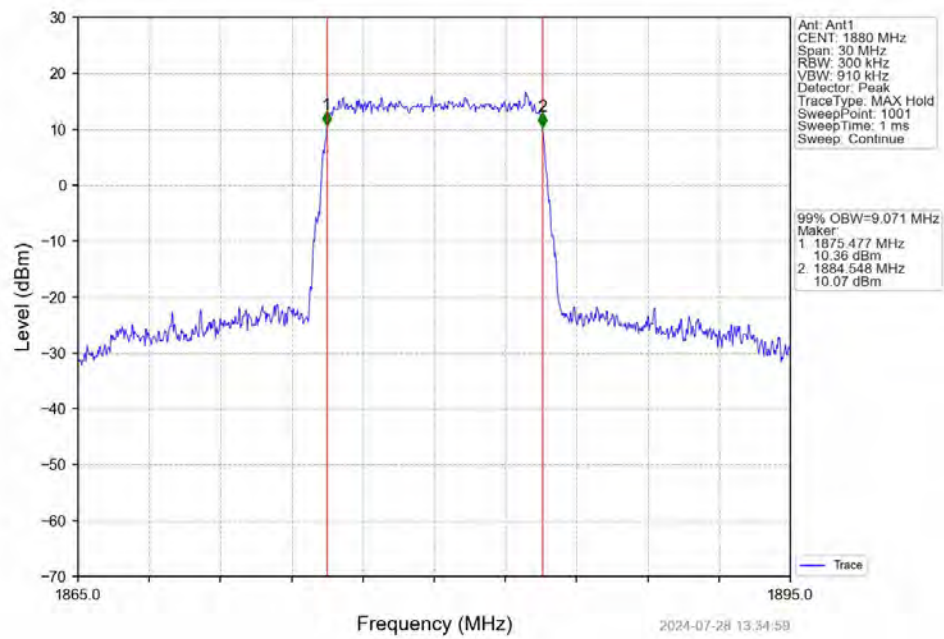
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



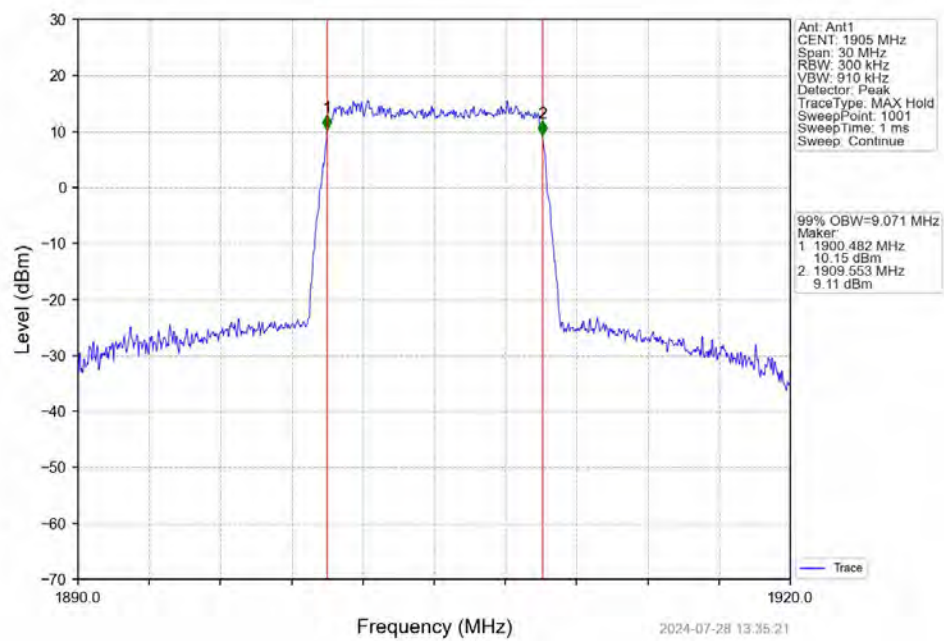
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



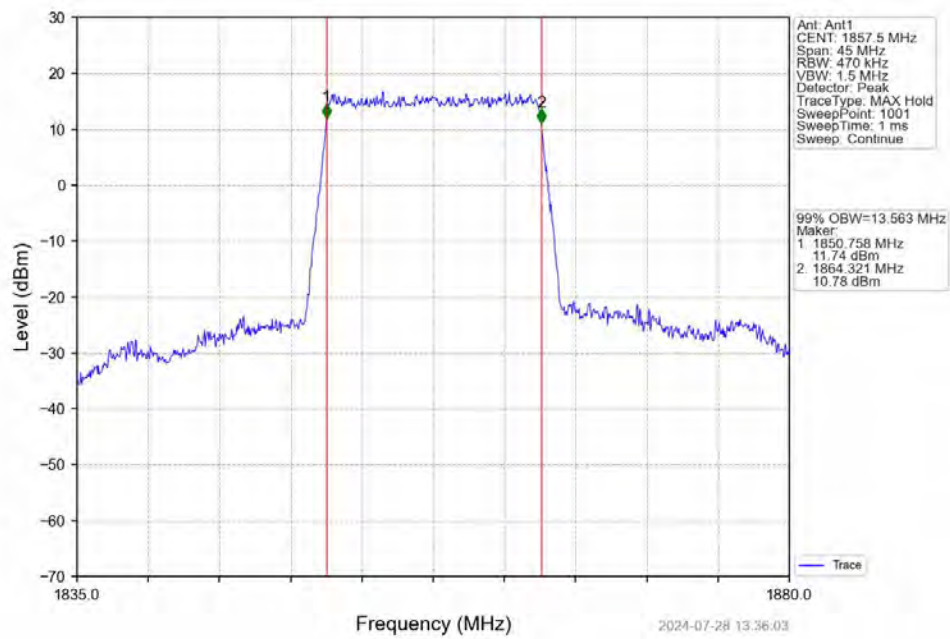
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



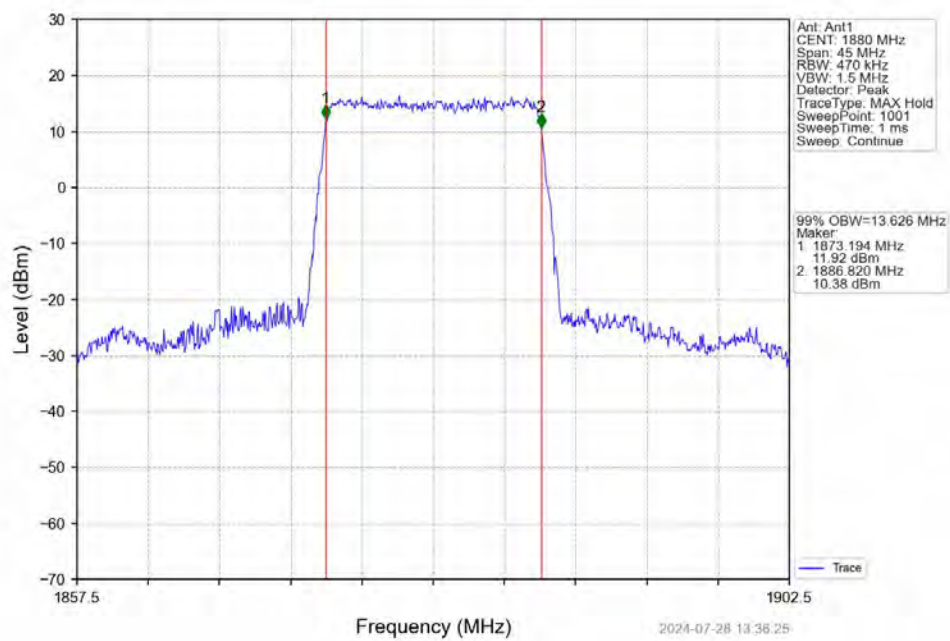
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



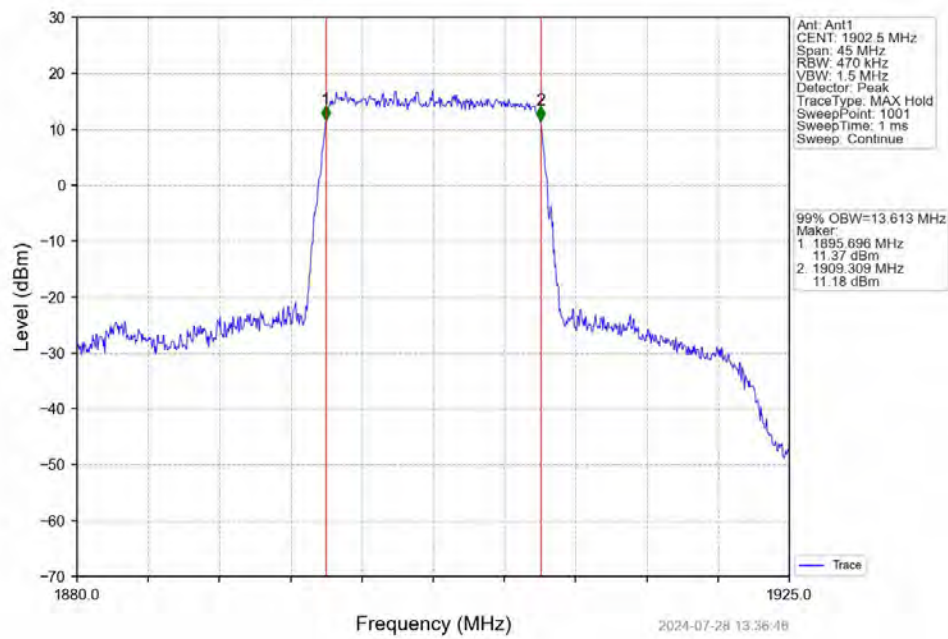
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



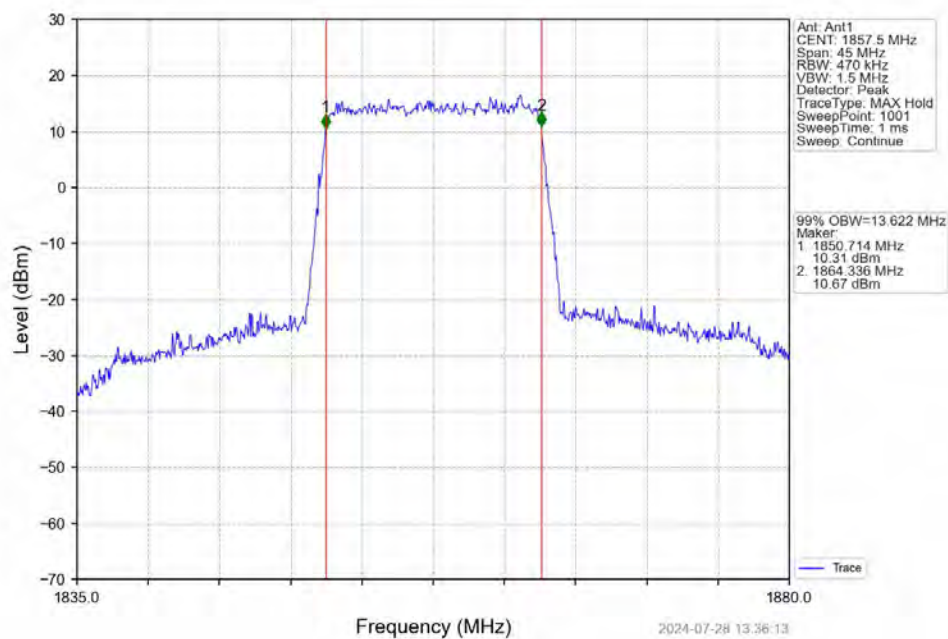
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



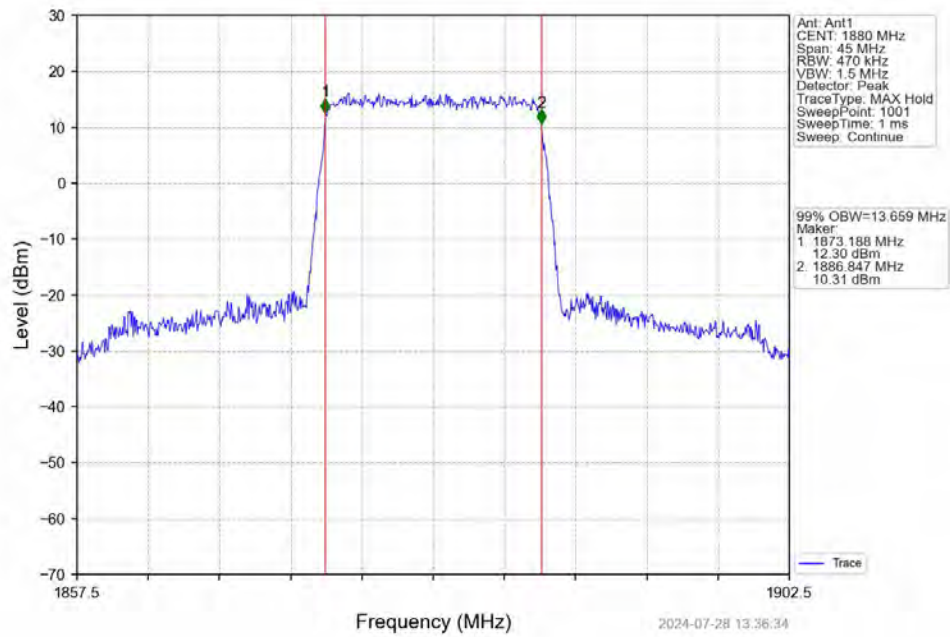
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



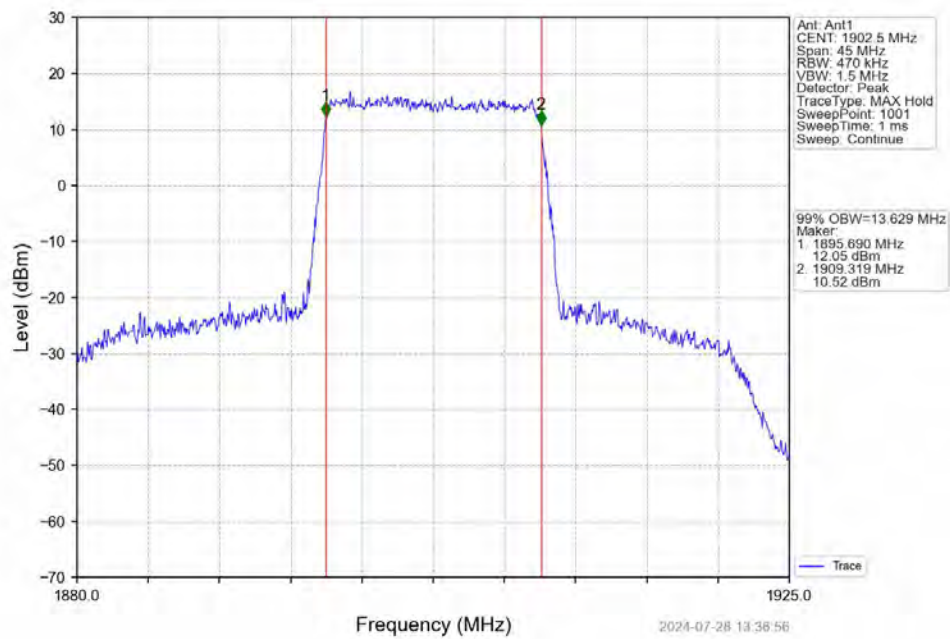
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



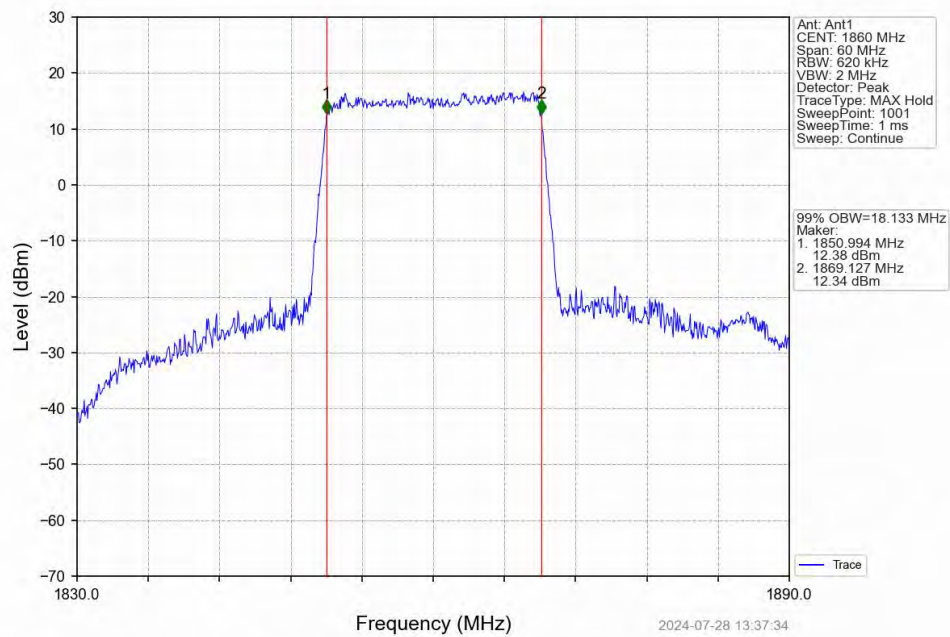
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



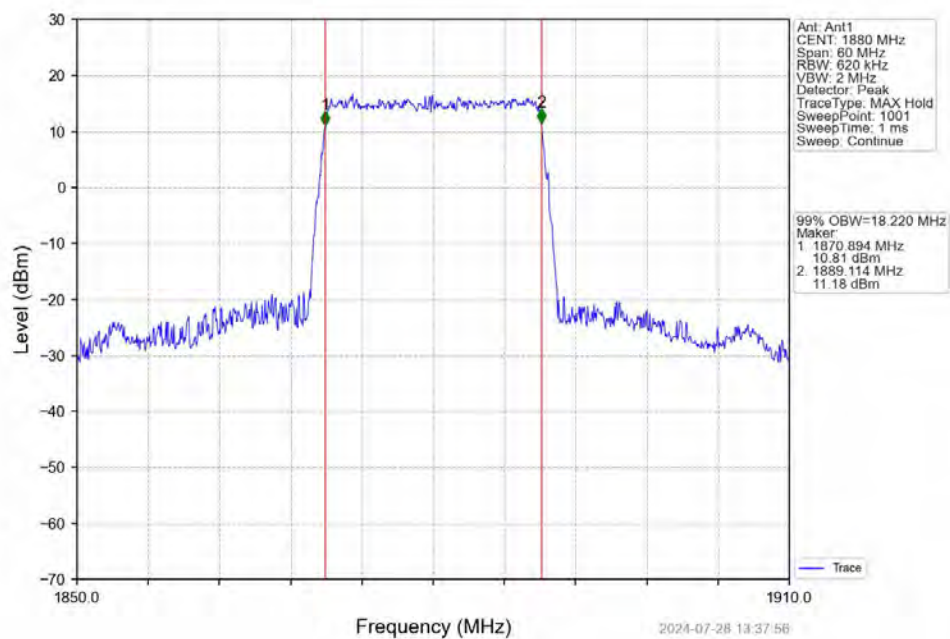
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



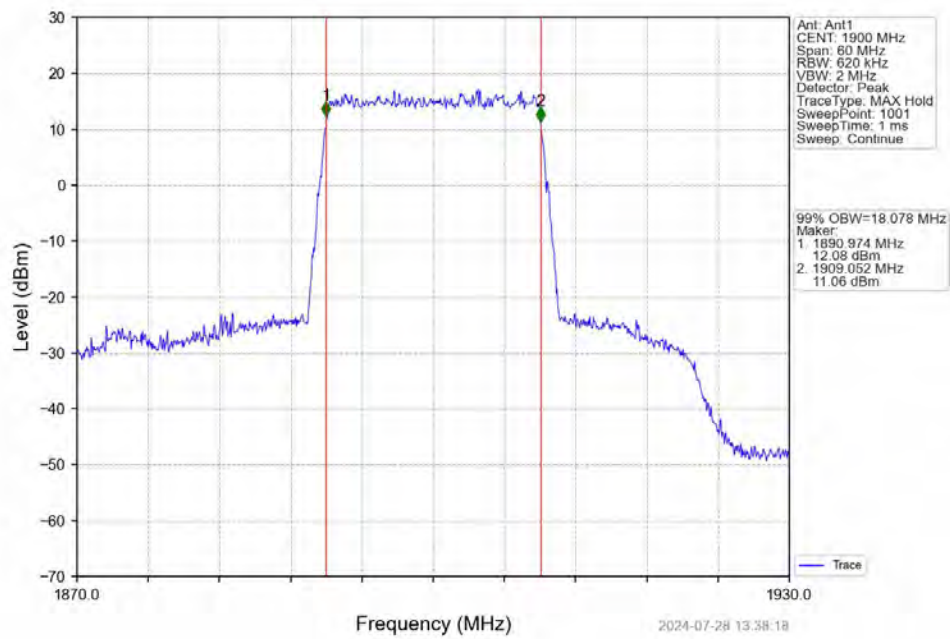
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



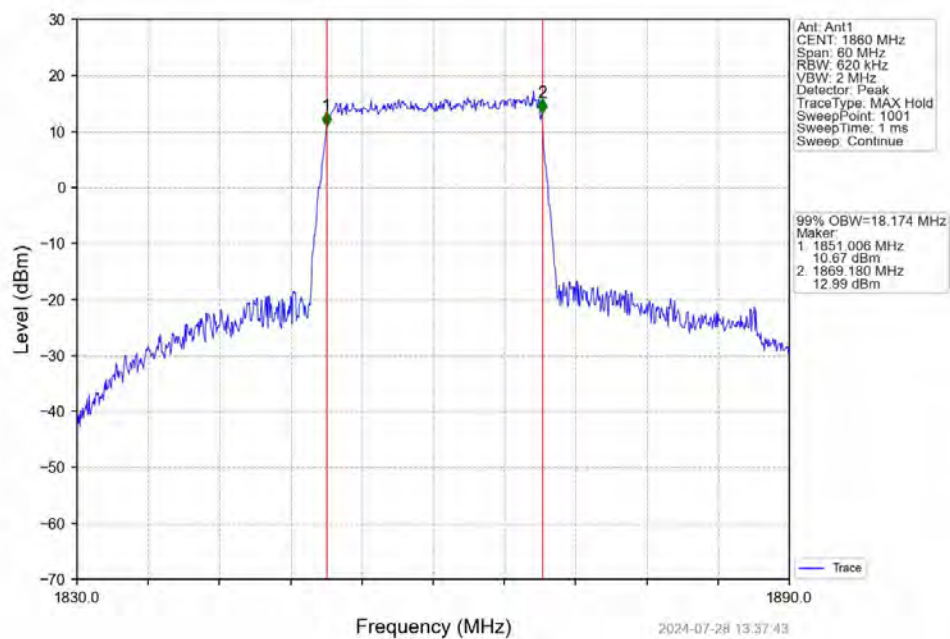
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV

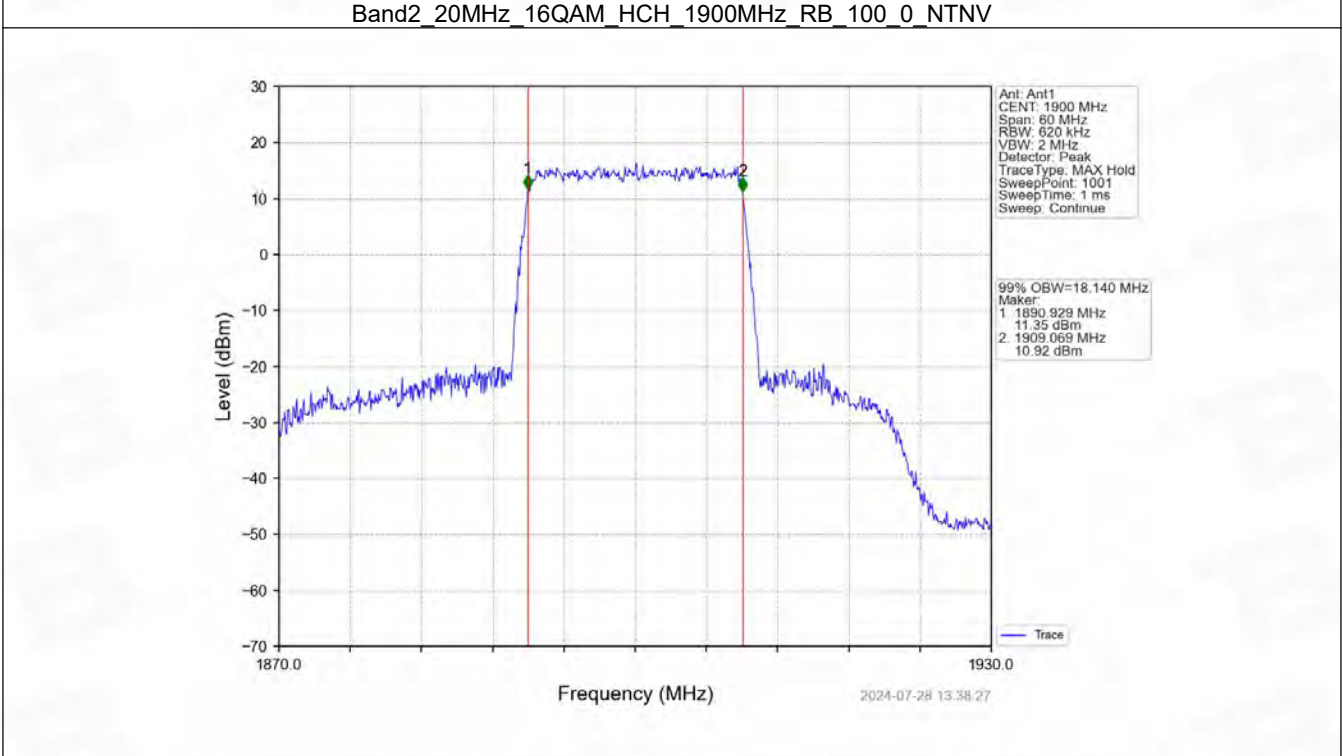
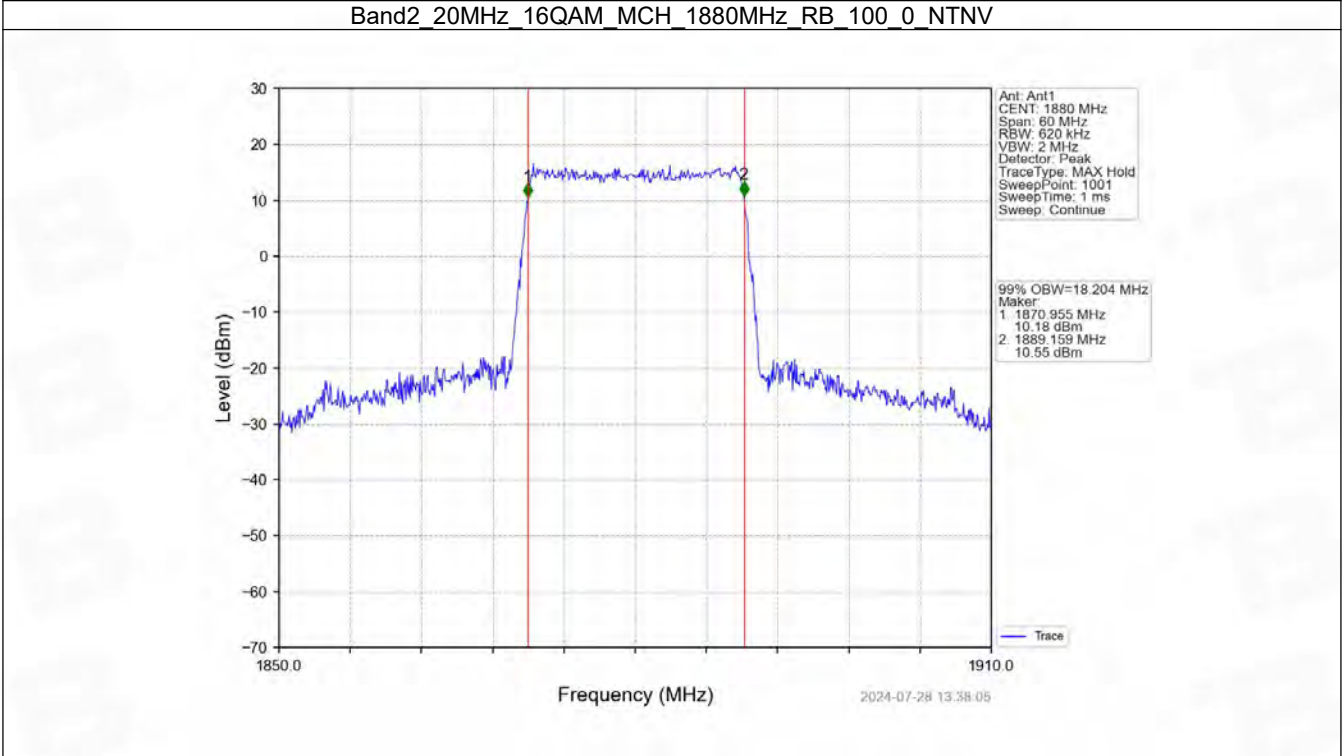


Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV

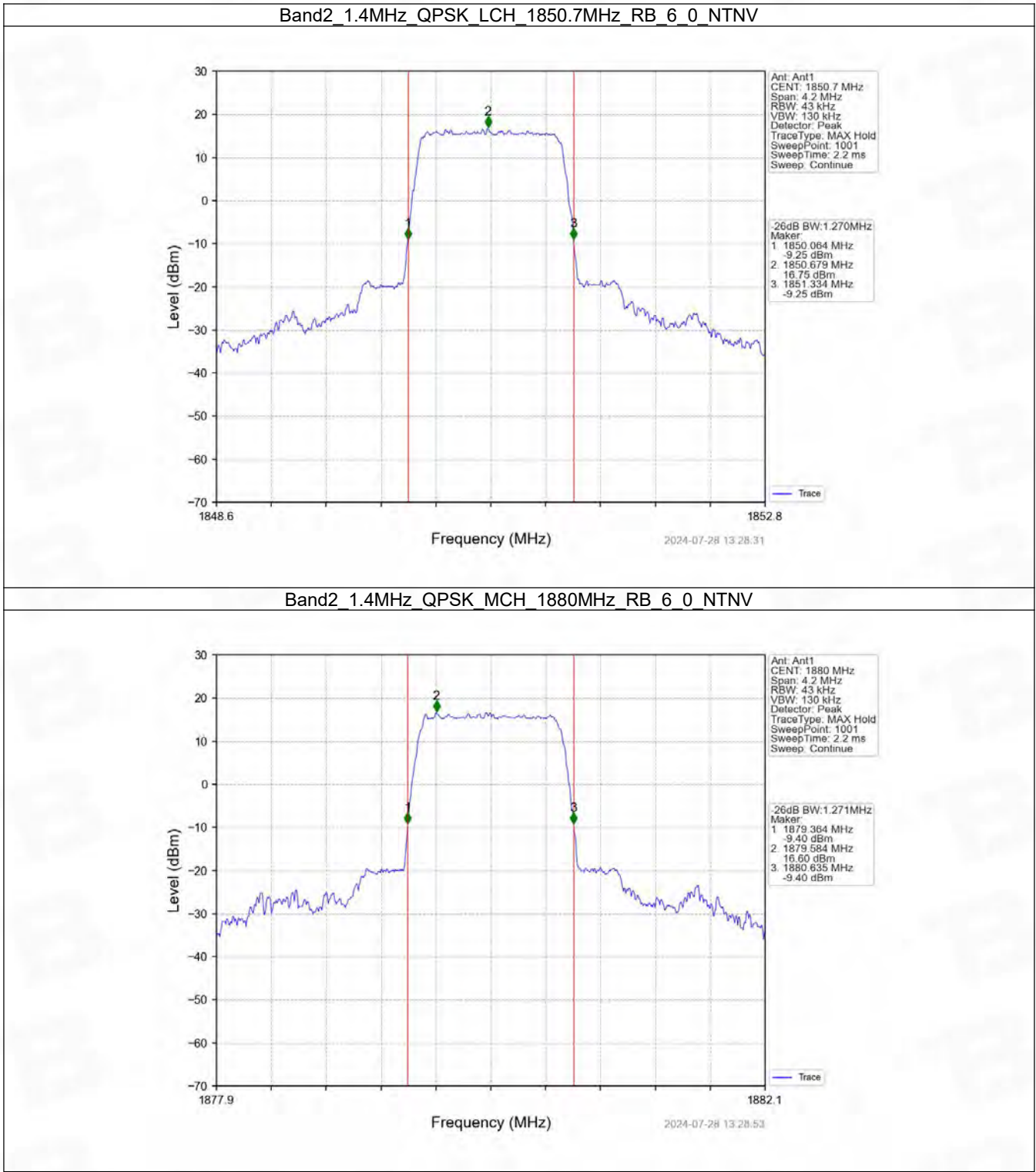


Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

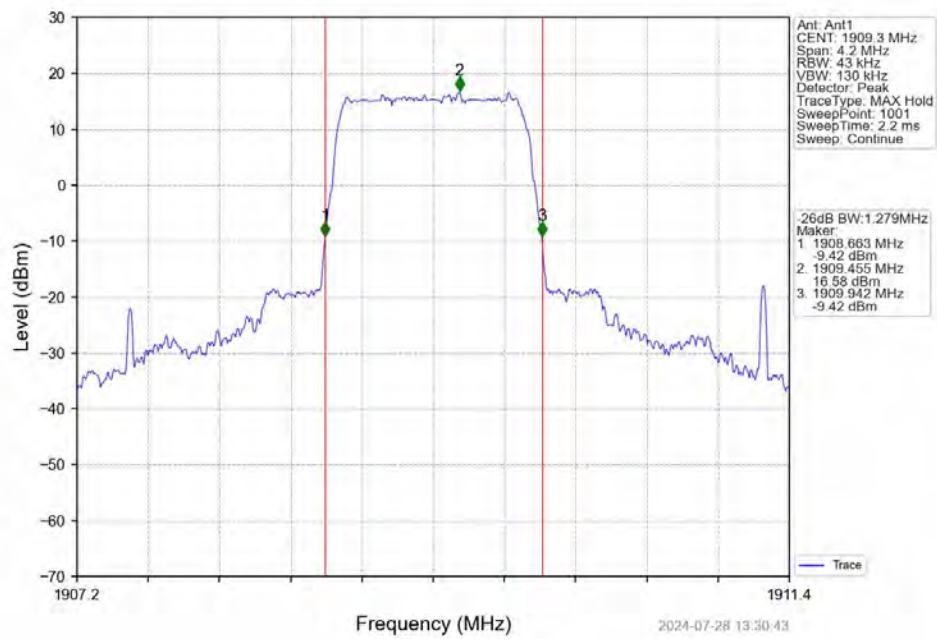




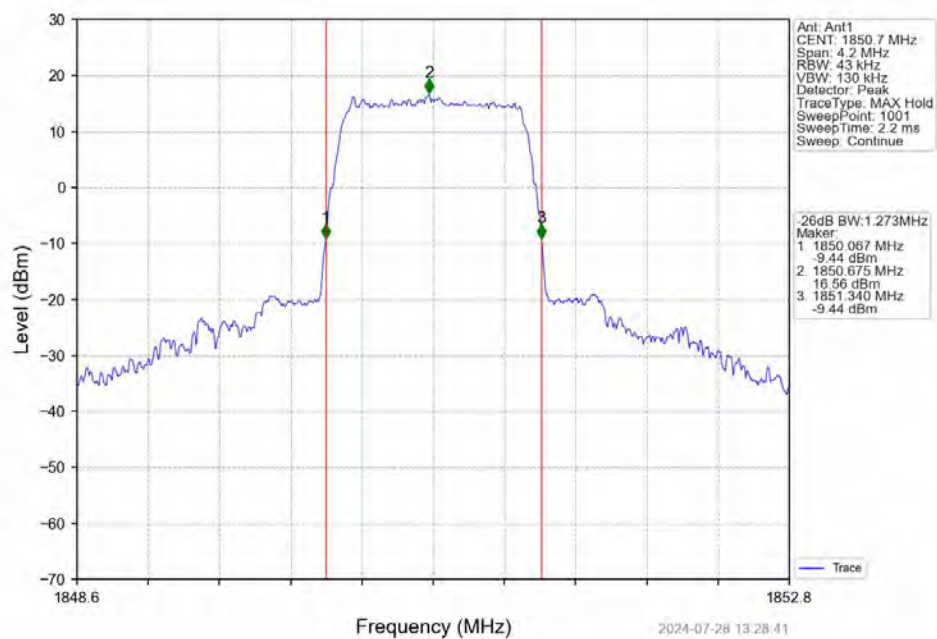
4.2.2 Band2\_XDB



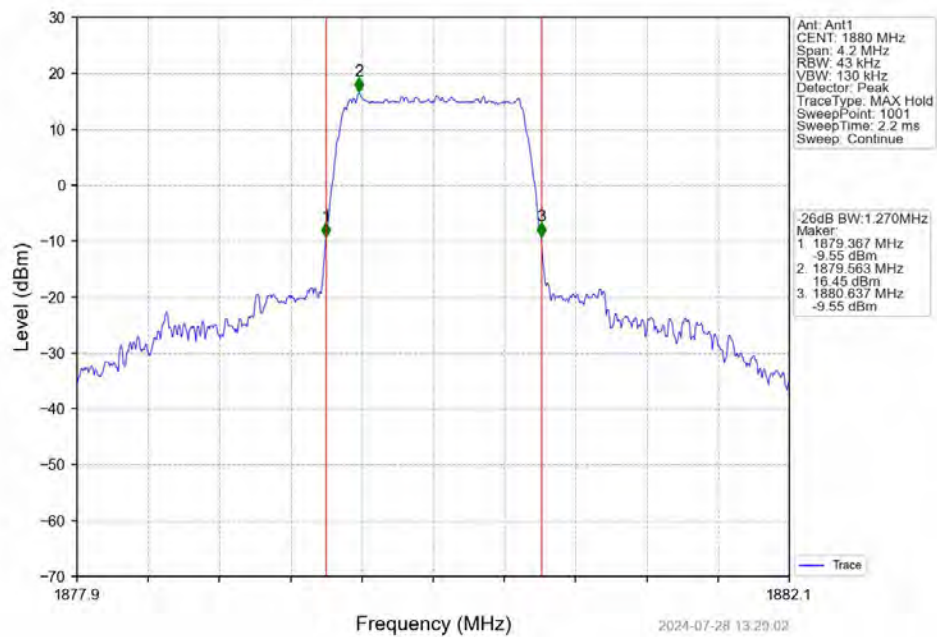
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



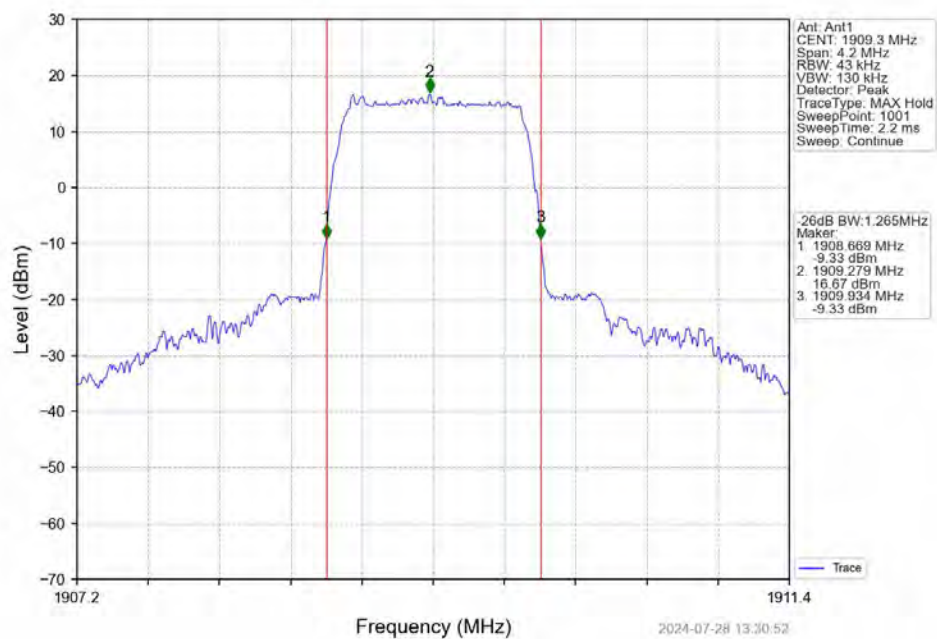
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



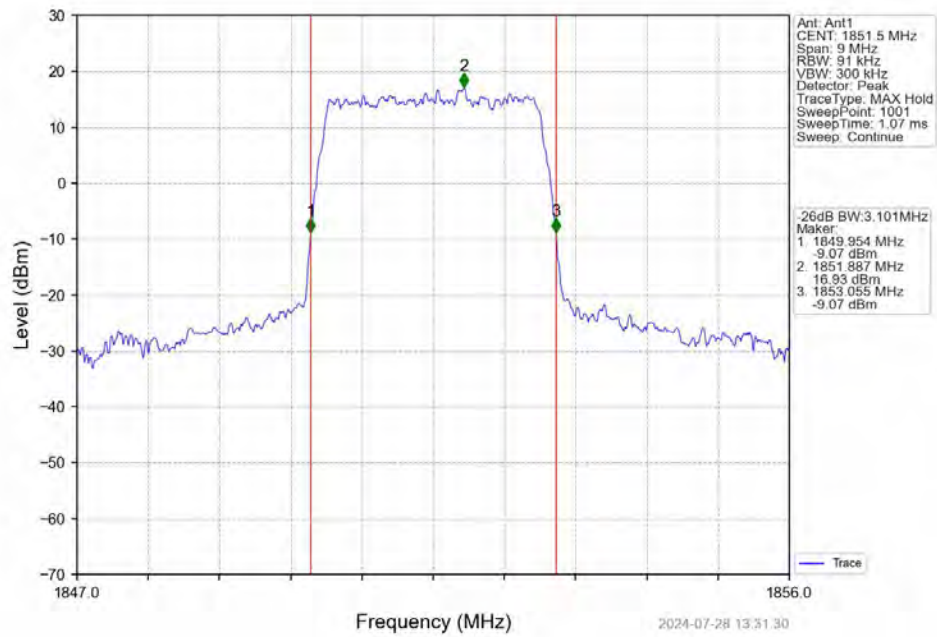
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



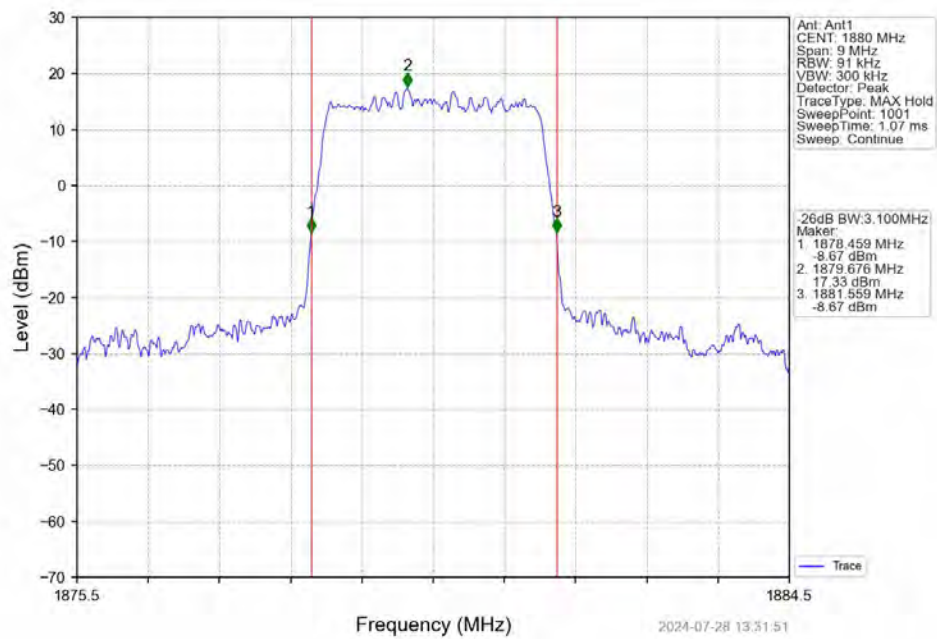
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



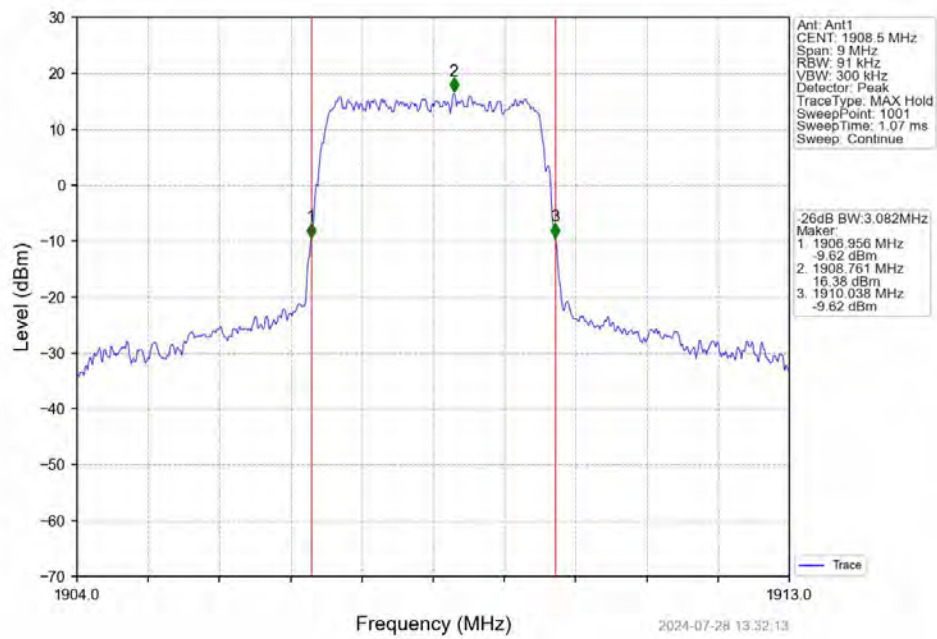
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



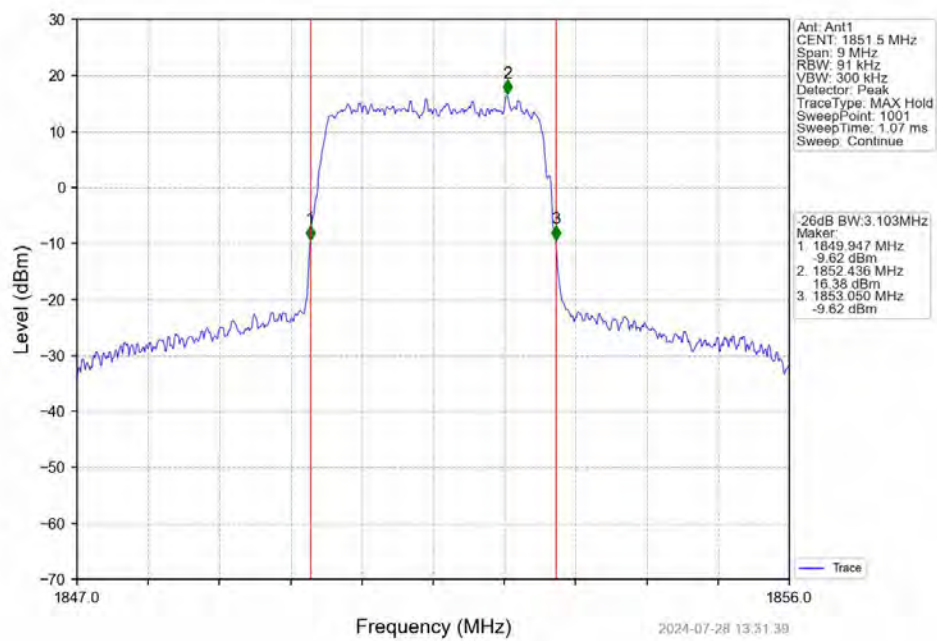
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



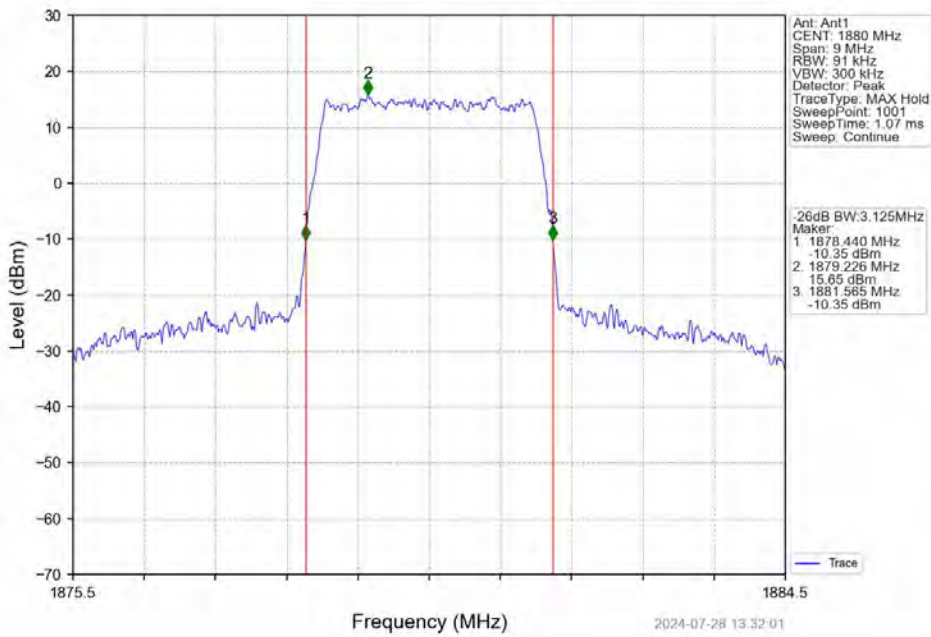
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



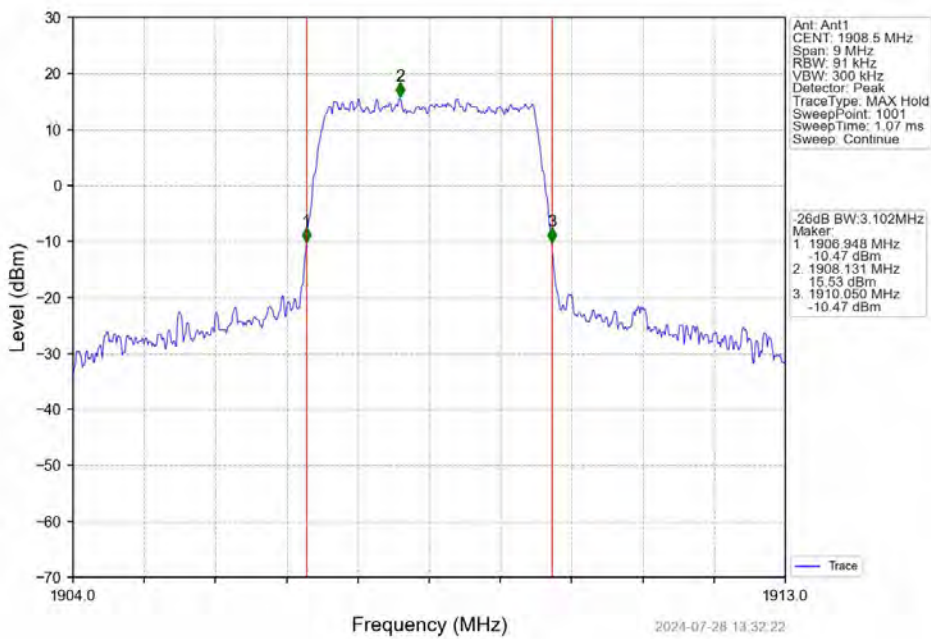
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



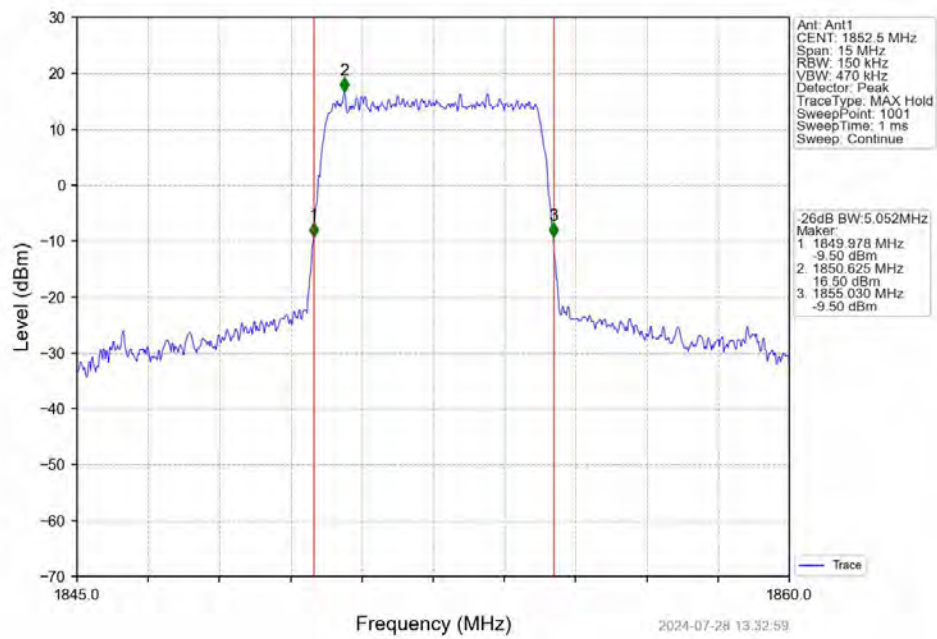
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



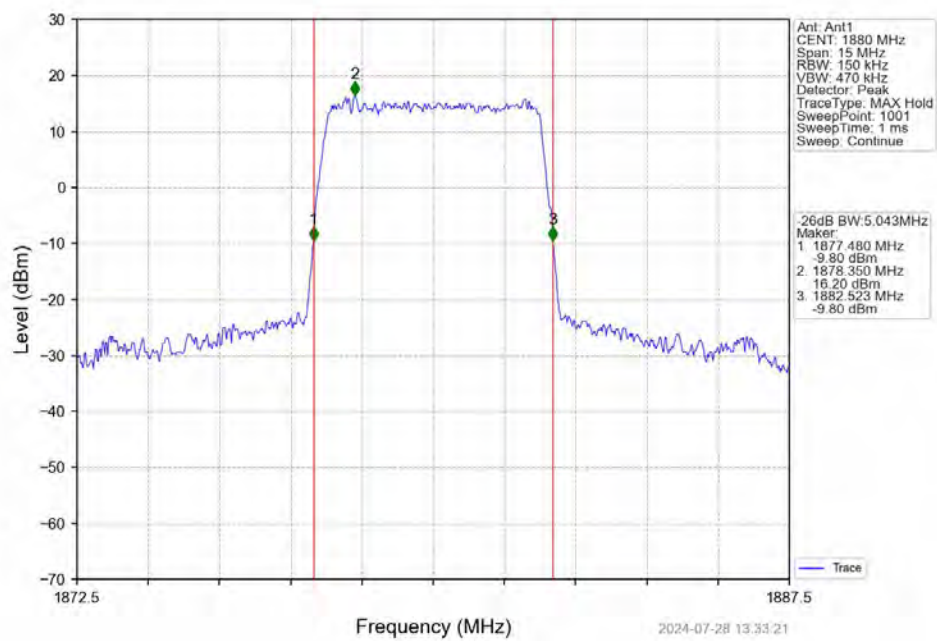
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



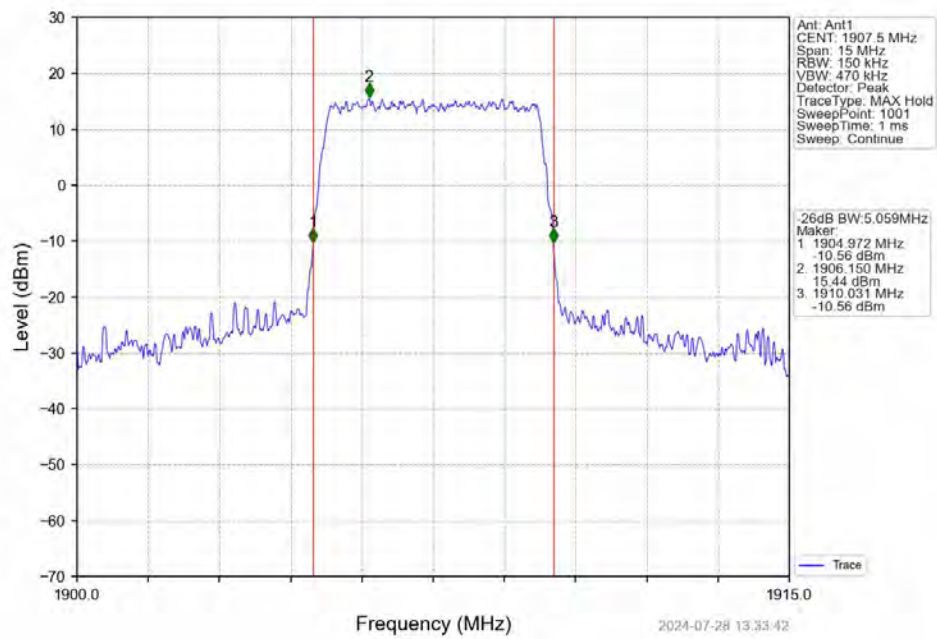
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



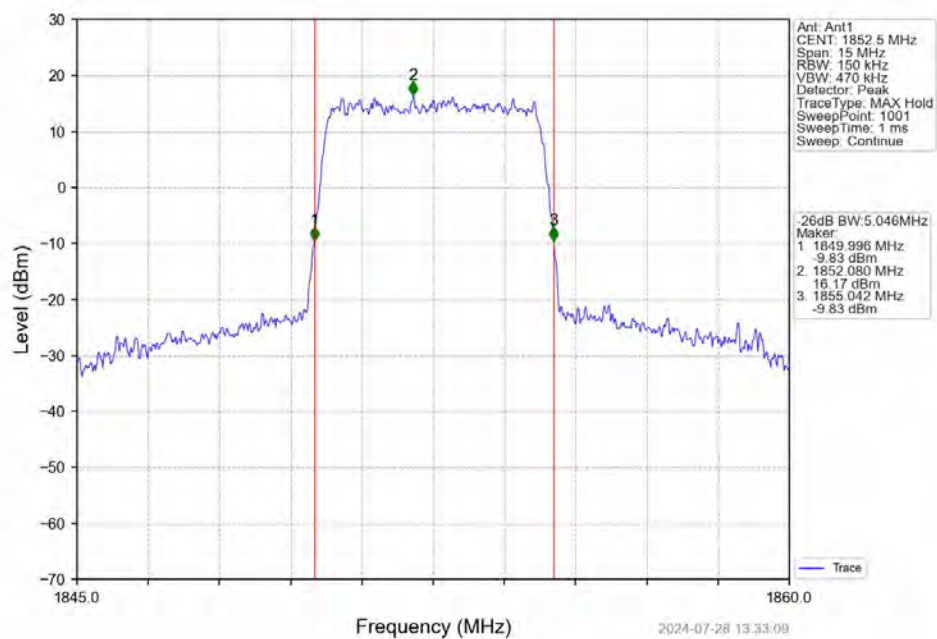
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



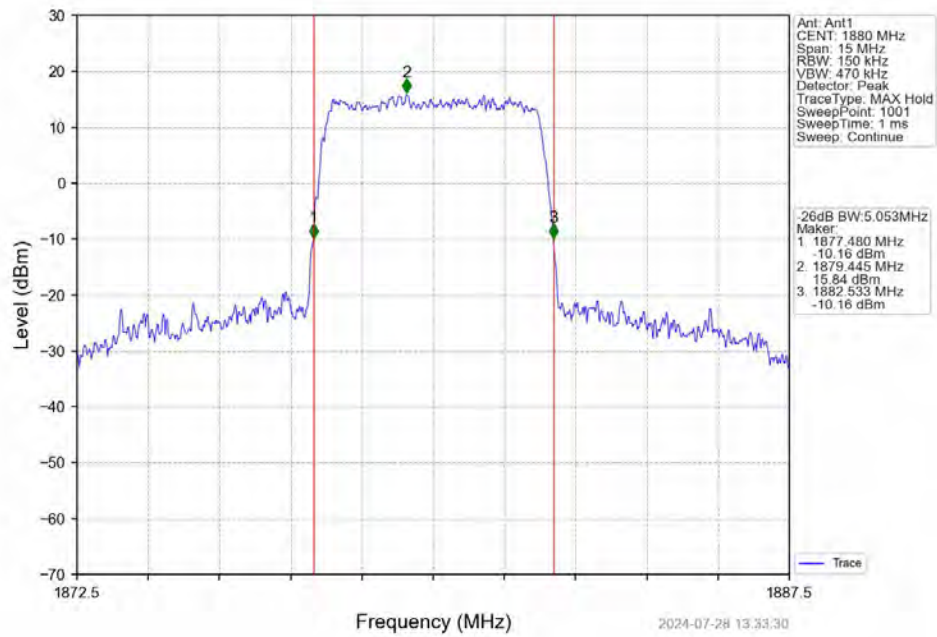
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



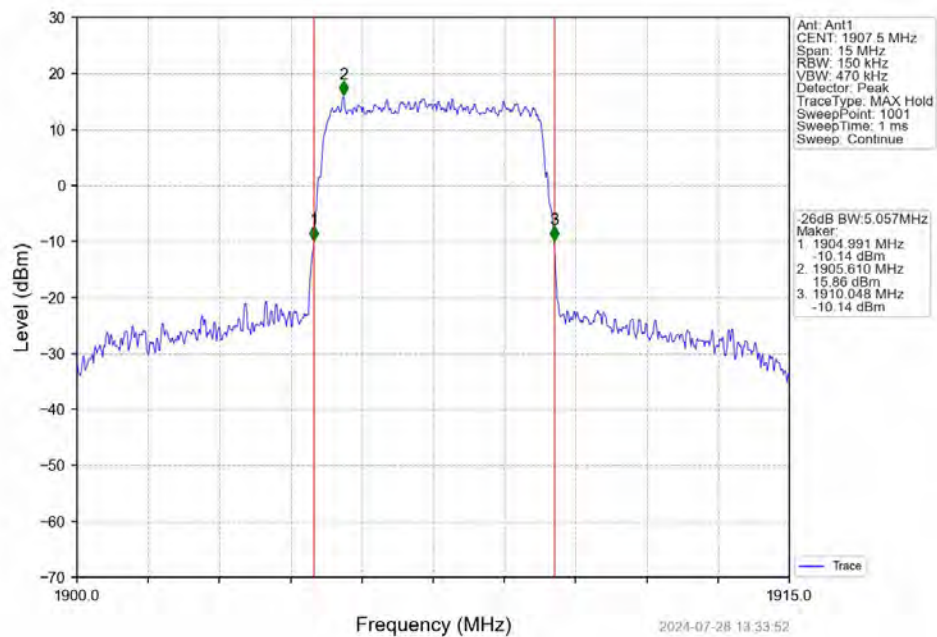
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



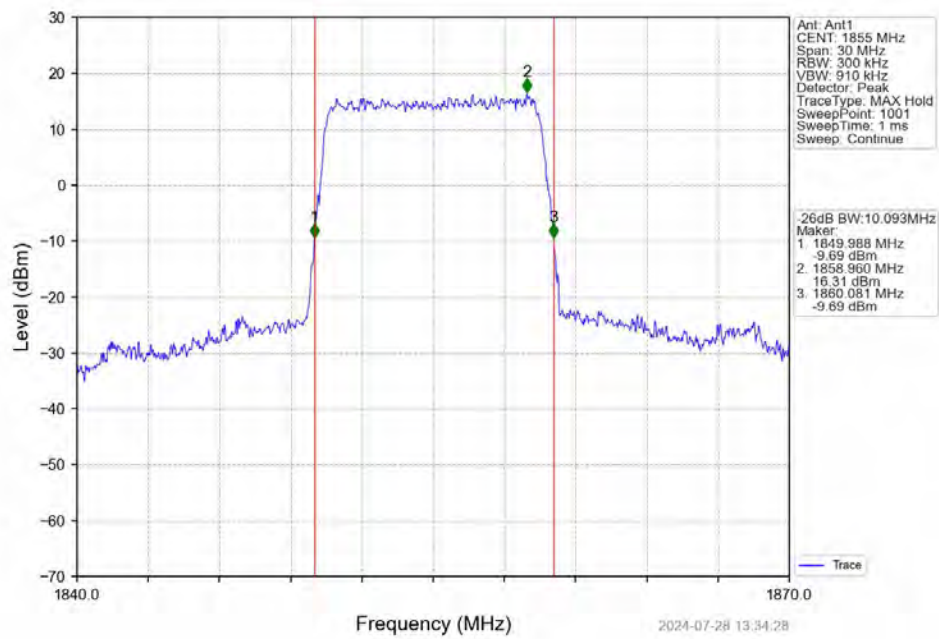
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



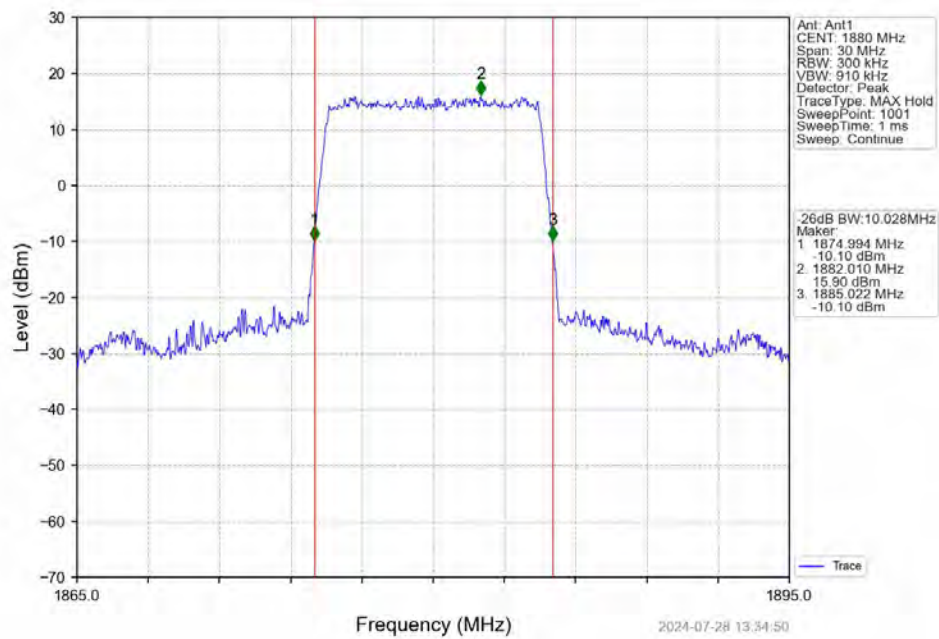
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



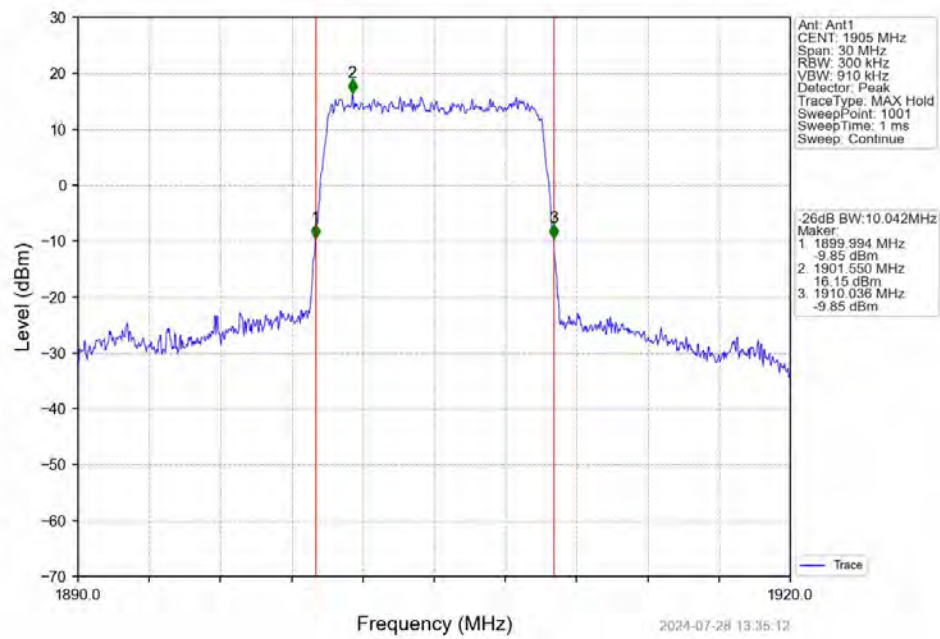
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



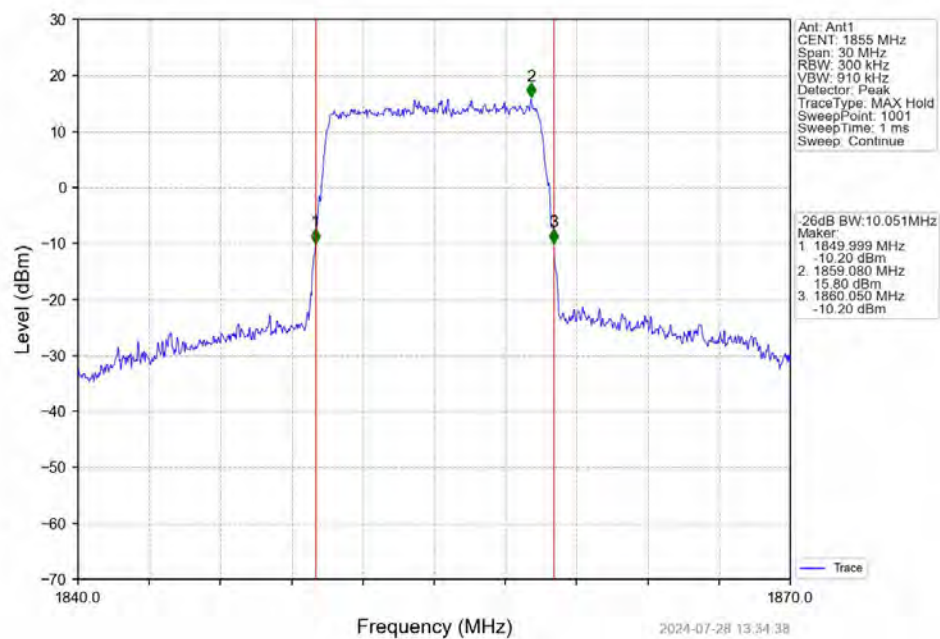
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



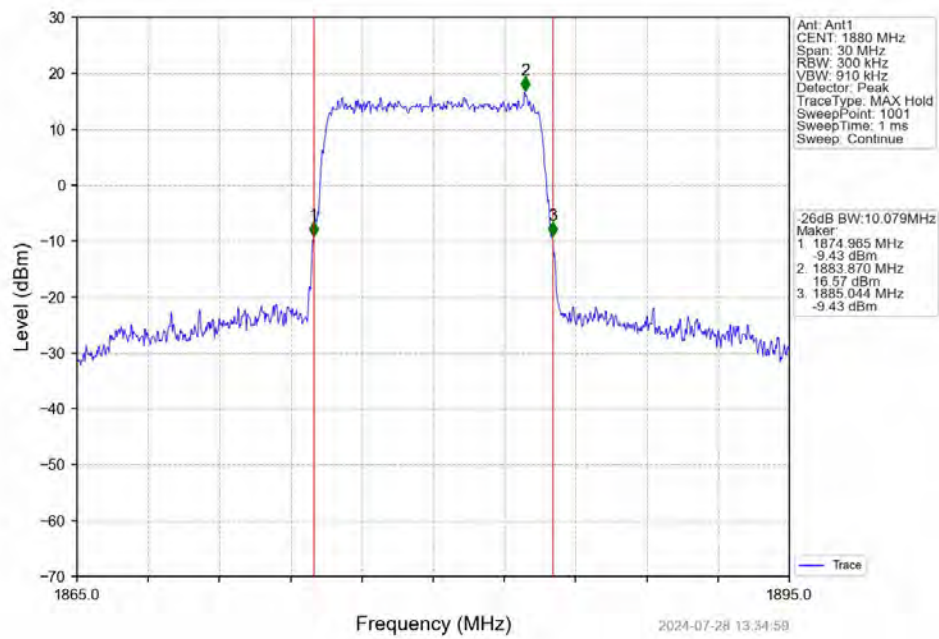
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



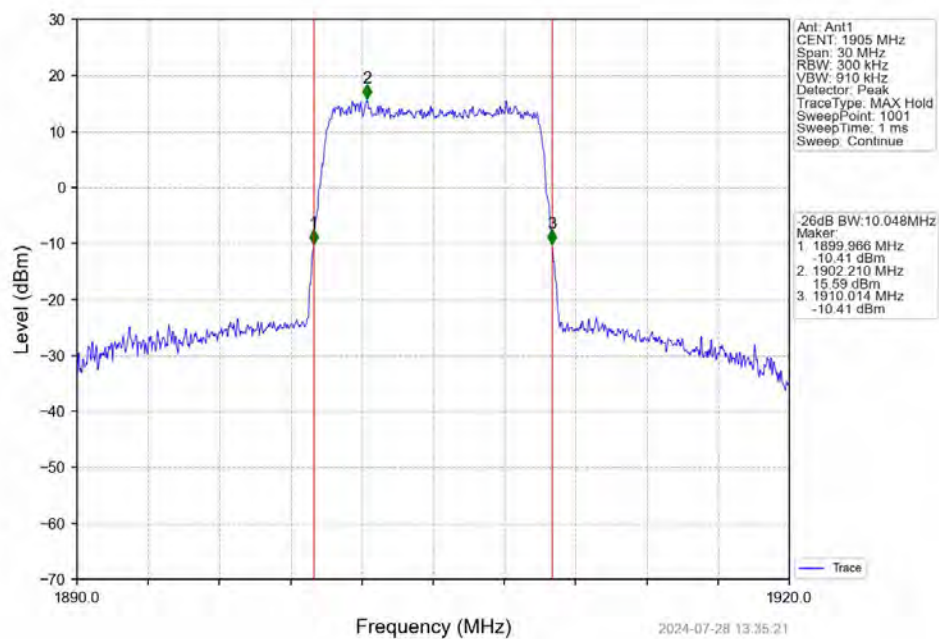
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



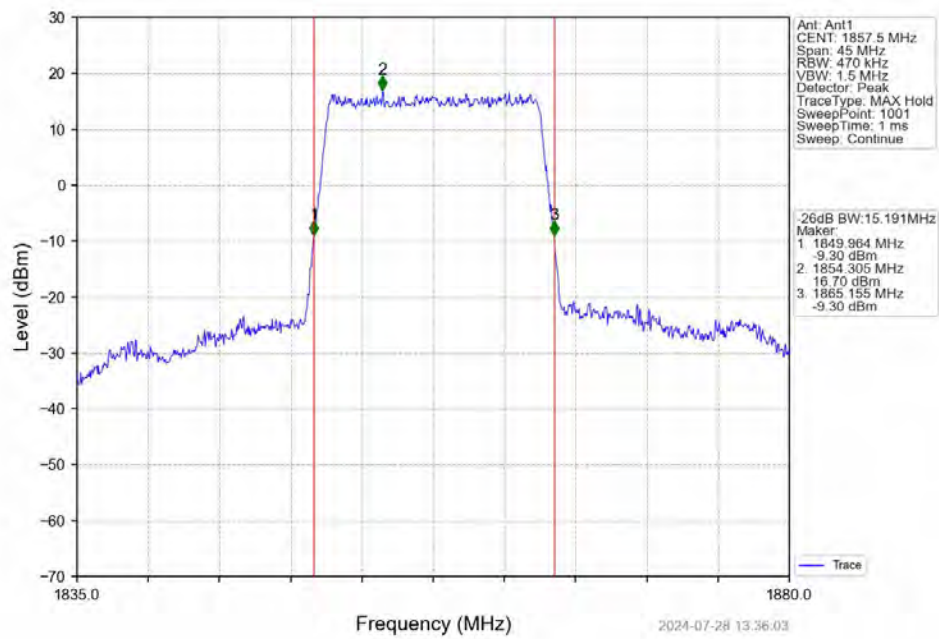
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



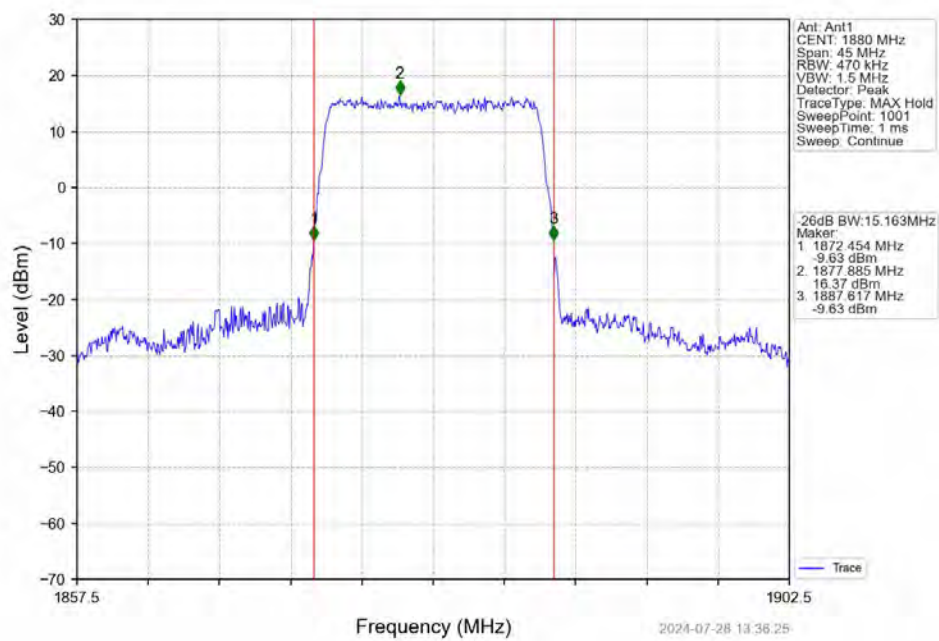
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



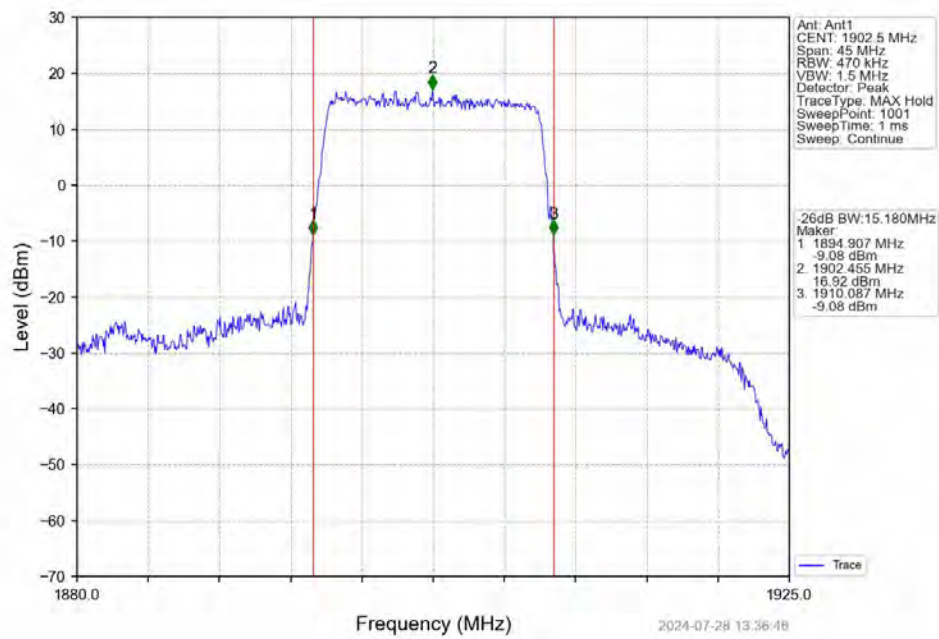
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



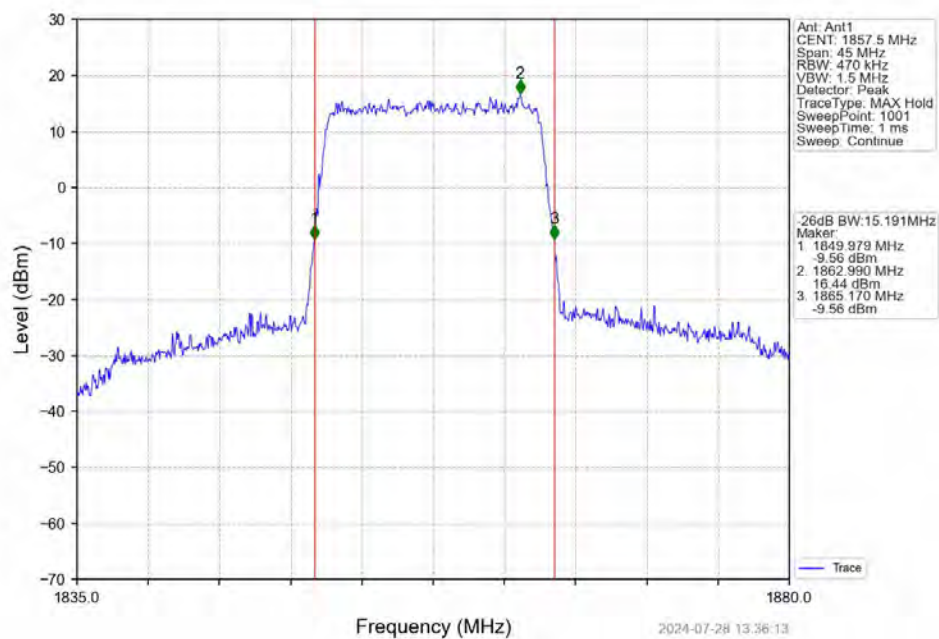
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



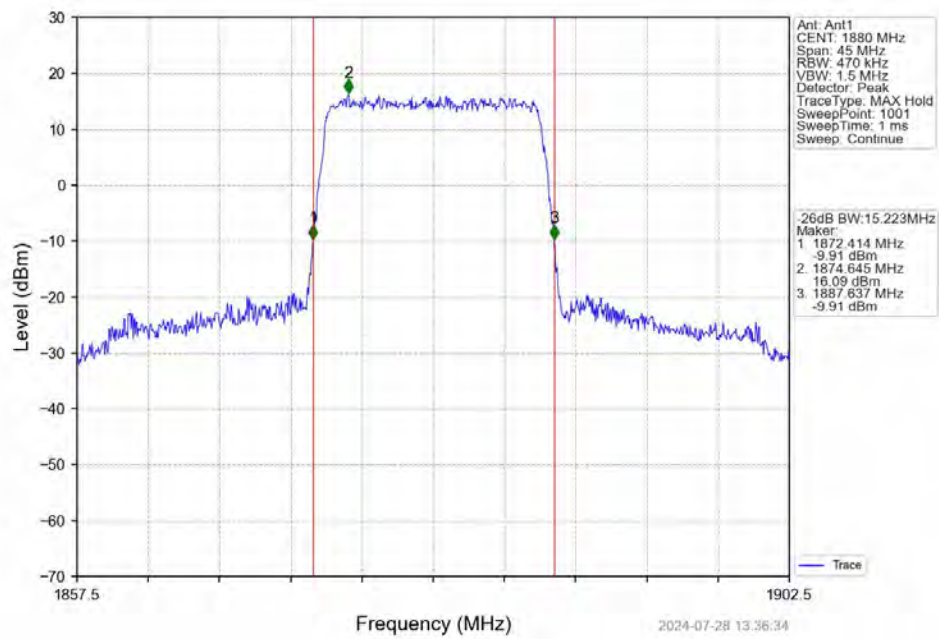
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



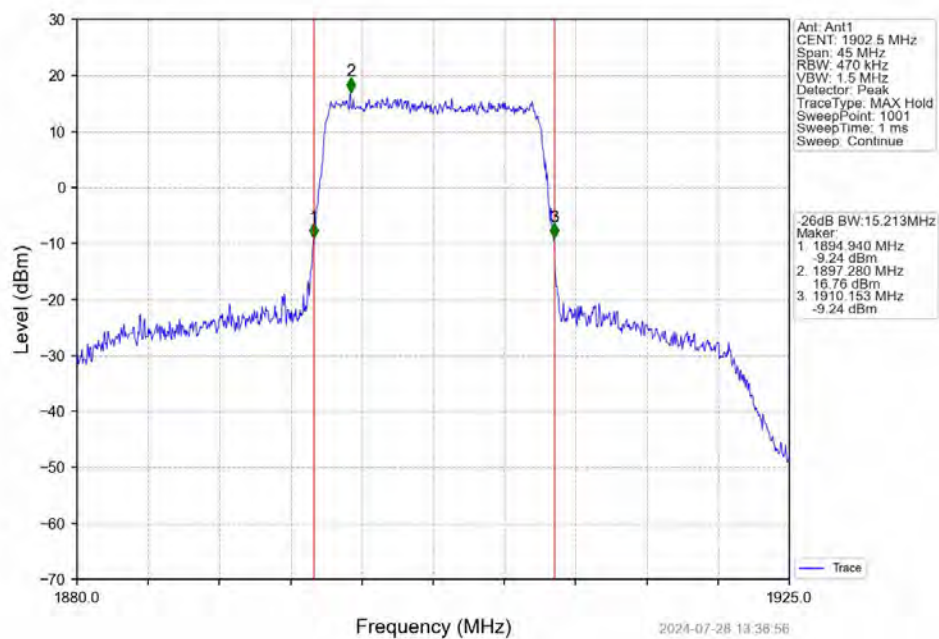
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



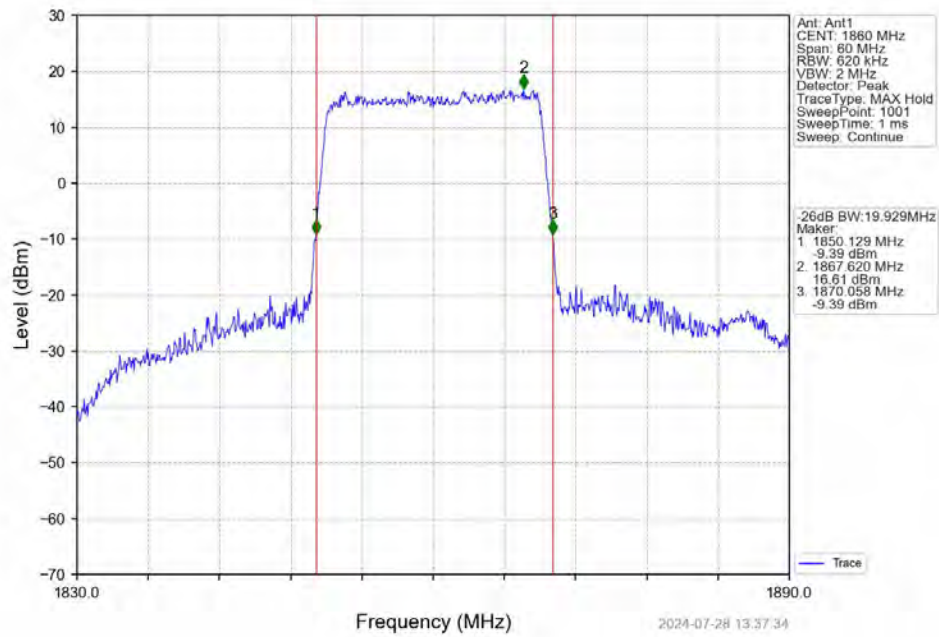
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



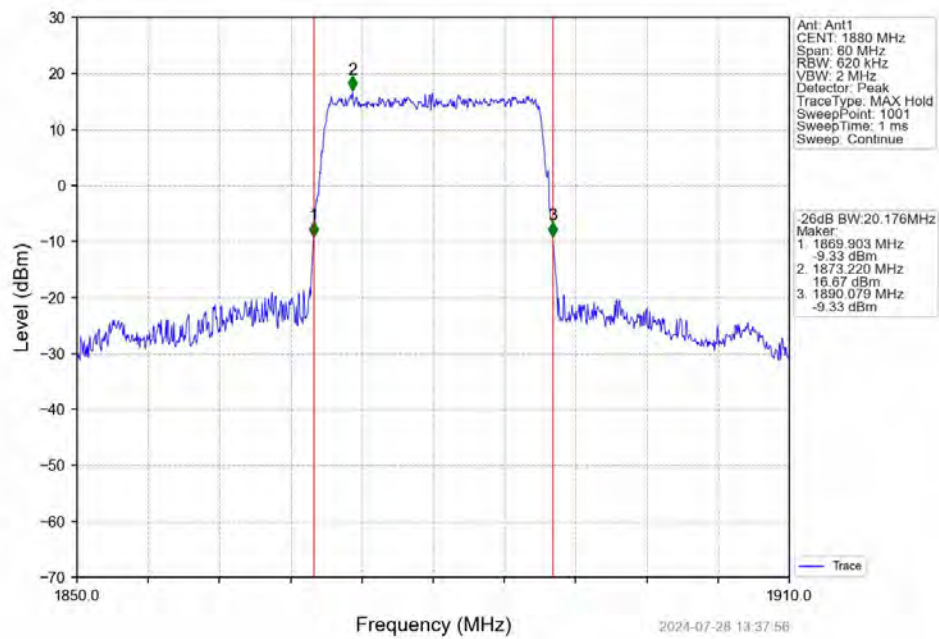
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



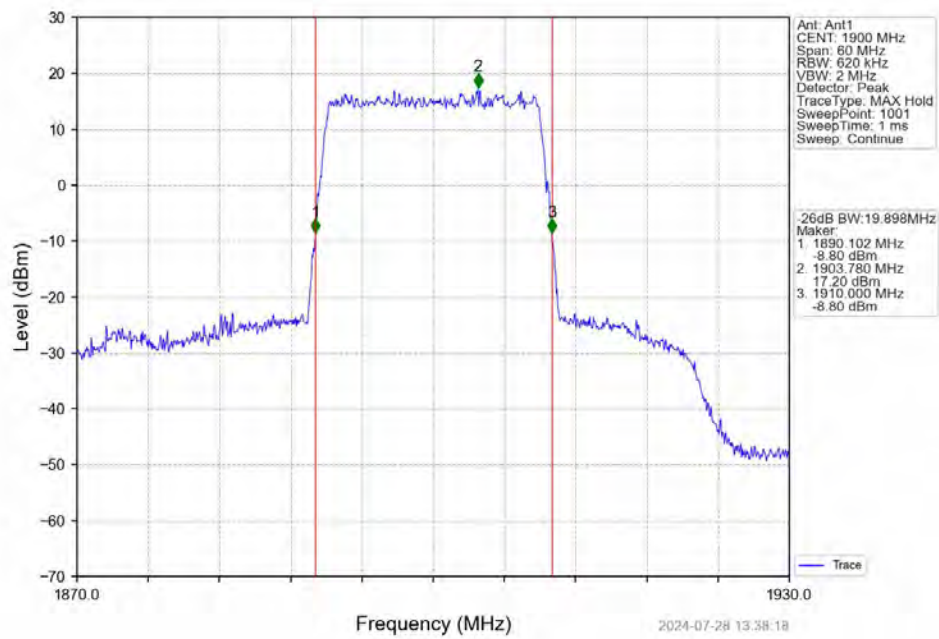
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



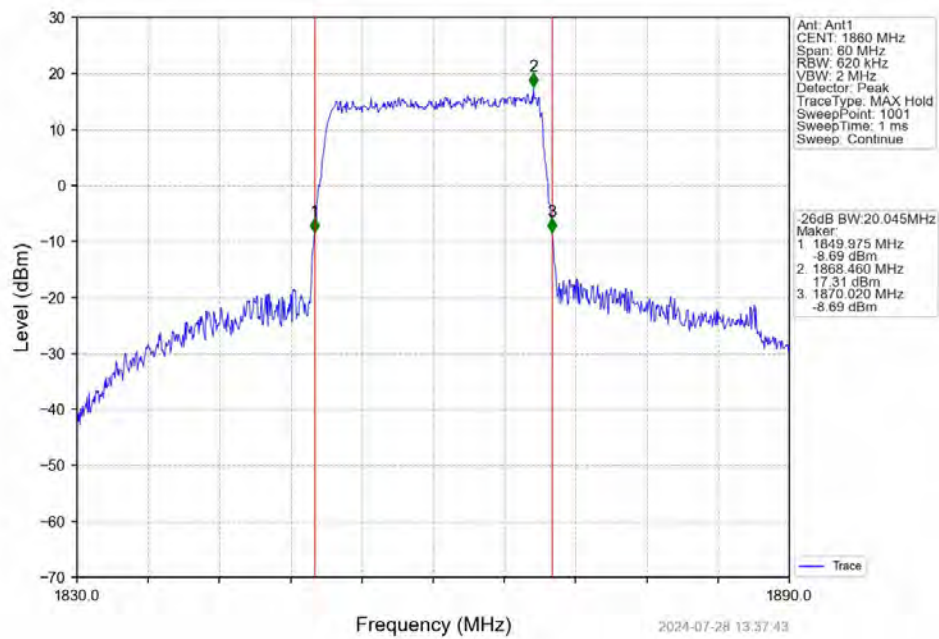
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV

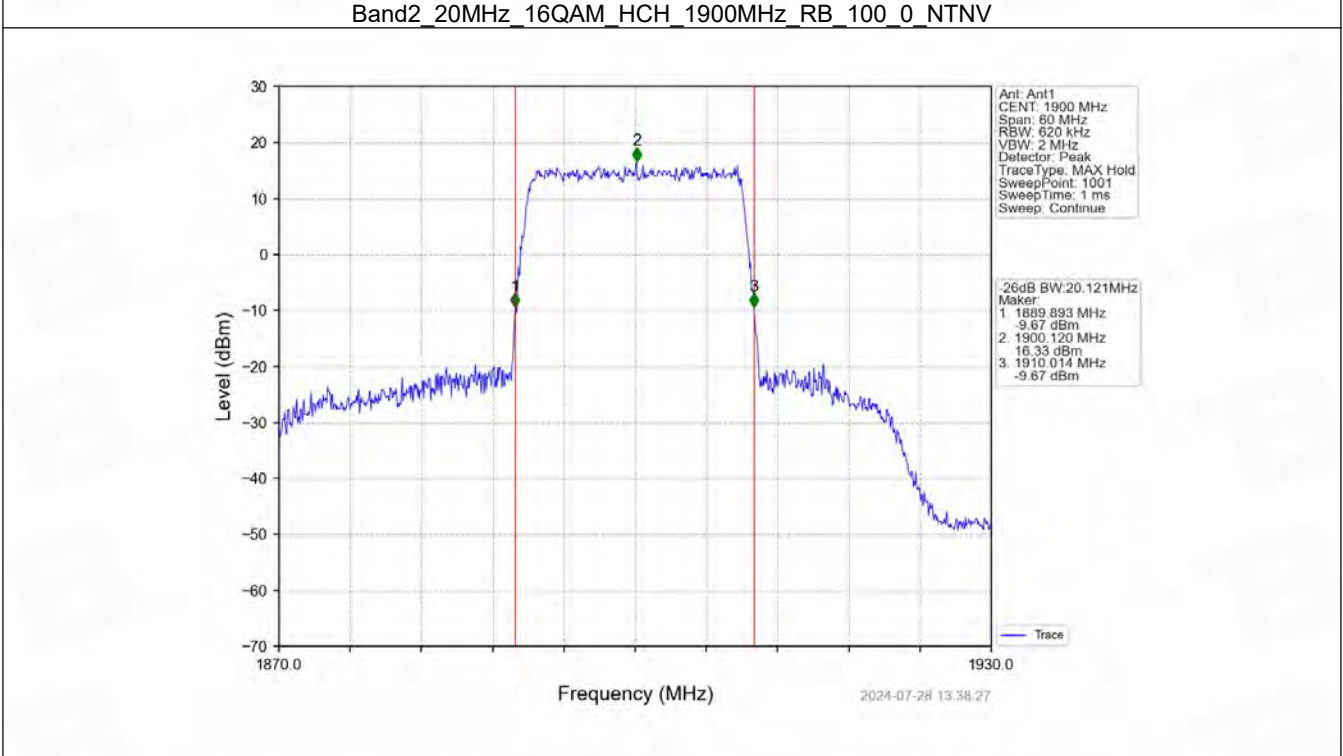
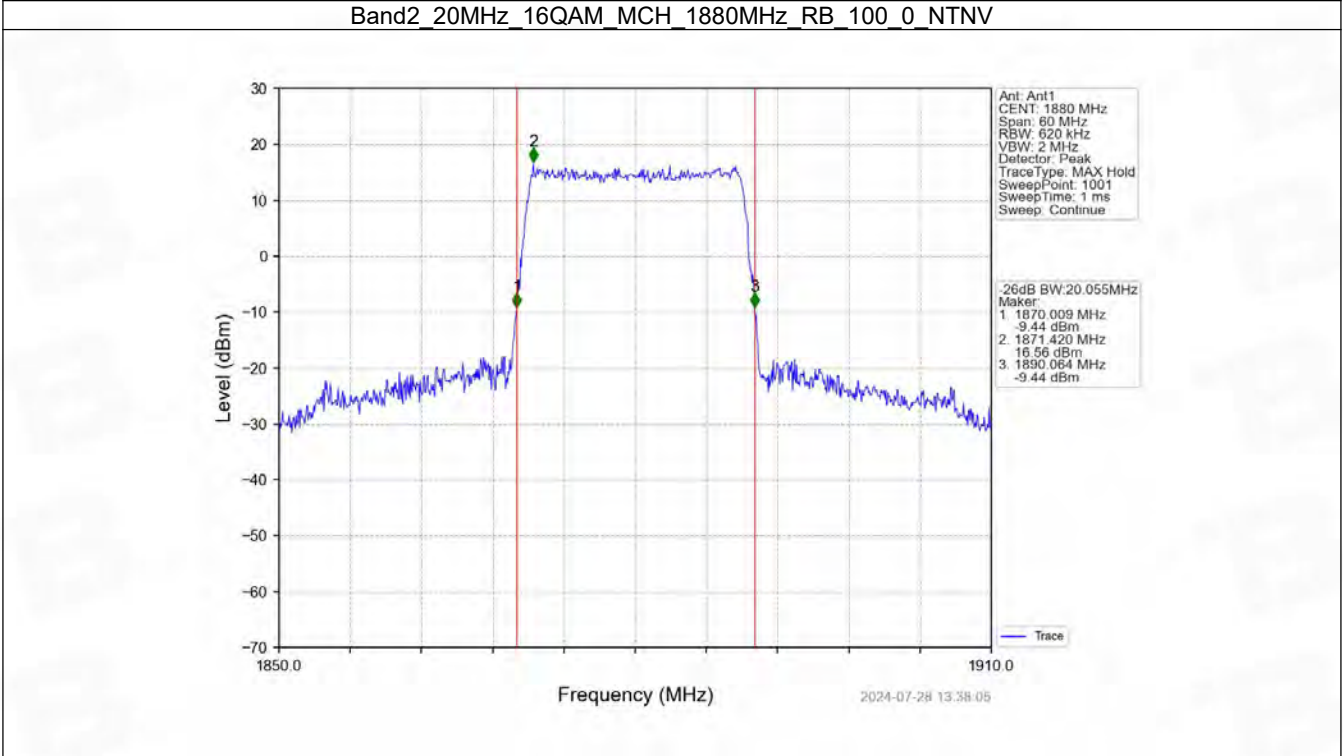


Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV





## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B2\_1.4MHz

| Band: 2 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1850.7          | 6             | 0      | 5.72                    | <=13  | Pass    |
|                                    | 1880            | 6             | 0      | 5.46                    | <=13  | Pass    |
|                                    | 1909.3          | 6             | 0      | 5.73                    | <=13  | Pass    |
| 16QAM                              | 1850.7          | 6             | 0      | 6.42                    | <=13  | Pass    |
|                                    | 1880            | 6             | 0      | 6.17                    | <=13  | Pass    |
|                                    | 1909.3          | 6             | 0      | 6.32                    | <=13  | Pass    |

#### 5.1.2 B2\_3MHz

| Band: 2 / Bandwidth: 3MHz / NTNV |                 |               |        |                         |       |         |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                  |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                             | 1851.5          | 15            | 0      | 5.77                    | <=13  | Pass    |
|                                  | 1880            | 15            | 0      | 5.60                    | <=13  | Pass    |
|                                  | 1908.5          | 15            | 0      | 5.84                    | <=13  | Pass    |
| 16QAM                            | 1851.5          | 15            | 0      | 6.57                    | <=13  | Pass    |
|                                  | 1880            | 15            | 0      | 6.27                    | <=13  | Pass    |
|                                  | 1908.5          | 15            | 0      | 6.47                    | <=13  | Pass    |

#### 5.1.3 B2\_5MHz

| Band: 2 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                  |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                             | 1852.5          | 25            | 0      | 5.77                    | <=13  | Pass    |
|                                  | 1880            | 25            | 0      | 5.68                    | <=13  | Pass    |
|                                  | 1907.5          | 25            | 0      | 5.78                    | <=13  | Pass    |
| 16QAM                            | 1852.5          | 25            | 0      | 6.47                    | <=13  | Pass    |
|                                  | 1880            | 25            | 0      | 6.30                    | <=13  | Pass    |
|                                  | 1907.5          | 25            | 0      | 6.38                    | <=13  | Pass    |

#### 5.1.4 B2\_10MHz

| Band: 2 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1855            | 50            | 0      | 5.74                    | <=13  | Pass    |
|                                   | 1880            | 50            | 0      | 5.68                    | <=13  | Pass    |
|                                   | 1905            | 50            | 0      | 5.70                    | <=13  | Pass    |
| 16QAM                             | 1855            | 50            | 0      | 6.49                    | <=13  | Pass    |
|                                   | 1880            | 50            | 0      | 6.36                    | <=13  | Pass    |

|  |      |    |   |      |      |      |
|--|------|----|---|------|------|------|
|  | 1905 | 50 | 0 | 6.46 | <=13 | Pass |
|--|------|----|---|------|------|------|

5.1.5 B2\_15MHz

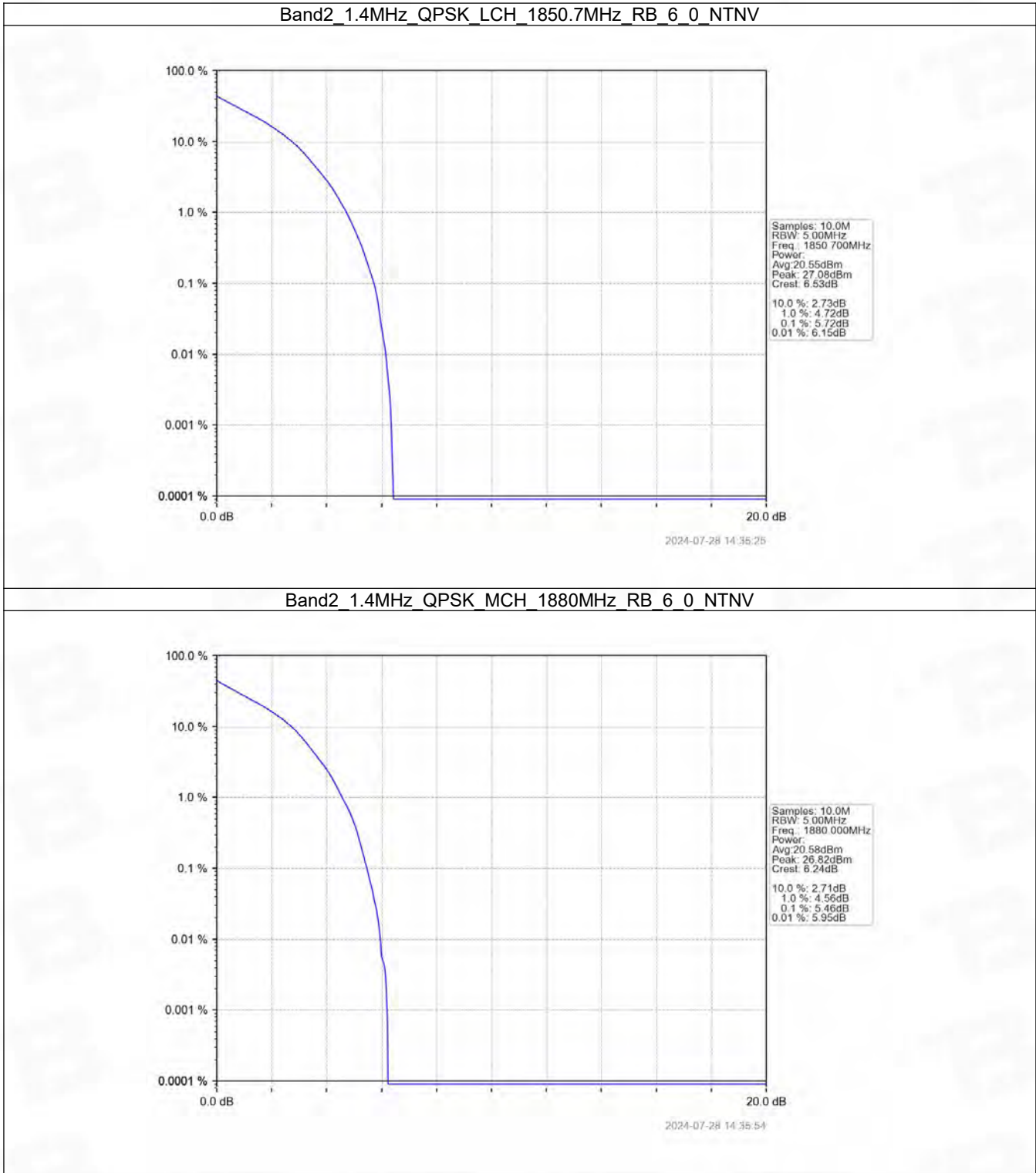
| Band: 2 / Bandwidth: 15MHz / NTN |                 |               |        |                         |       |         |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                  |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                             | 1857.5          | 75            | 0      | 5.94                    | <=13  | Pass    |
|                                  | 1880            | 75            | 0      | 5.91                    | <=13  | Pass    |
|                                  | 1902.5          | 75            | 0      | 5.90                    | <=13  | Pass    |
| 16QAM                            | 1857.5          | 75            | 0      | 6.46                    | <=13  | Pass    |
|                                  | 1880            | 75            | 0      | 6.34                    | <=13  | Pass    |
|                                  | 1902.5          | 75            | 0      | 6.32                    | <=13  | Pass    |

5.1.6 B2\_20MHz

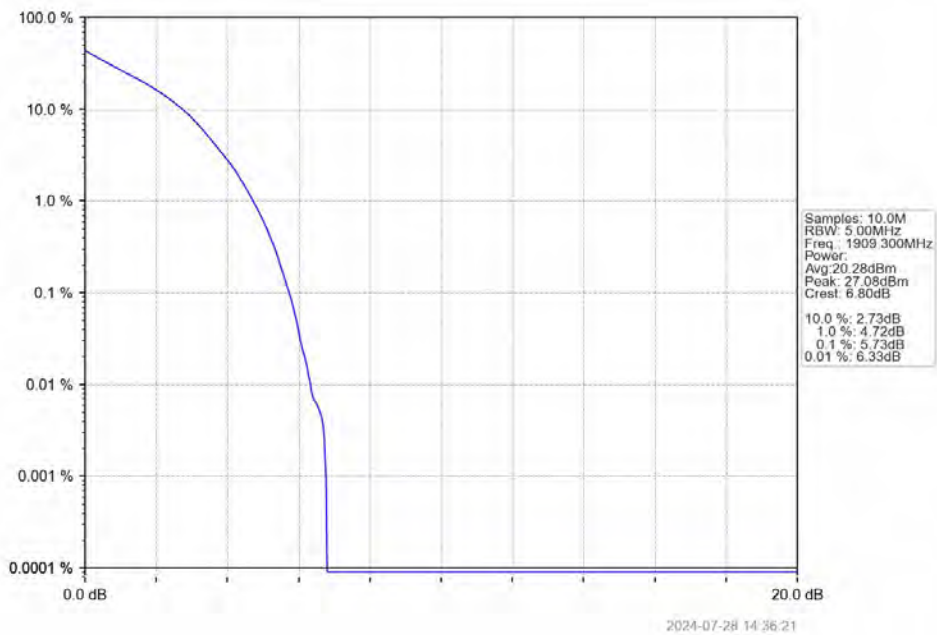
| Band: 2 / Bandwidth: 20MHz / NTN |                 |               |        |                         |       |         |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                  |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                             | 1860            | 100           | 0      | 5.72                    | <=13  | Pass    |
|                                  | 1880            | 100           | 0      | 5.77                    | <=13  | Pass    |
|                                  | 1900            | 100           | 0      | 5.71                    | <=13  | Pass    |
| 16QAM                            | 1860            | 100           | 0      | 6.31                    | <=13  | Pass    |
|                                  | 1880            | 100           | 0      | 6.37                    | <=13  | Pass    |
|                                  | 1900            | 100           | 0      | 6.37                    | <=13  | Pass    |

5.2 Test Graph

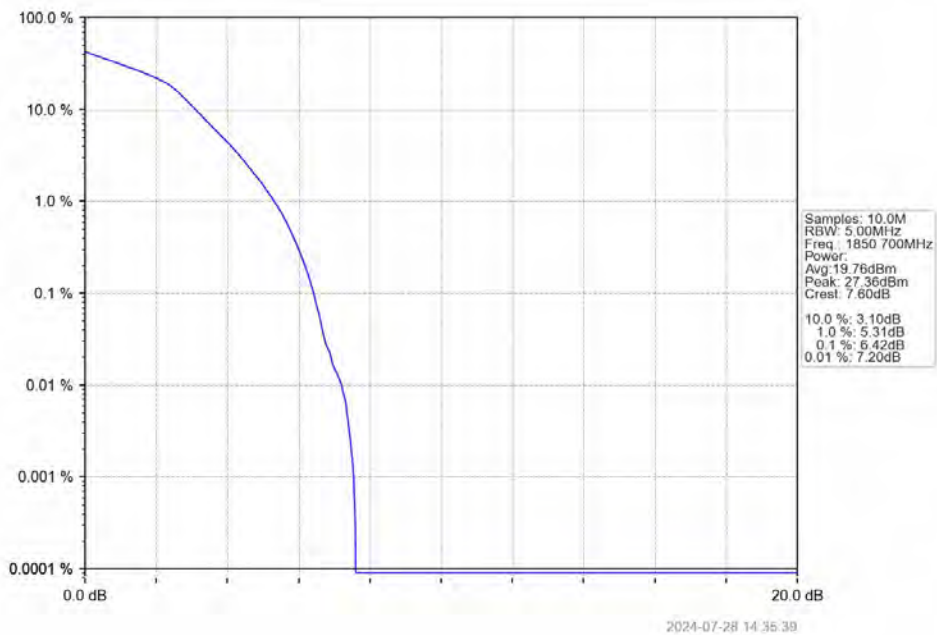
5.2.1 B2\_1.4MHz



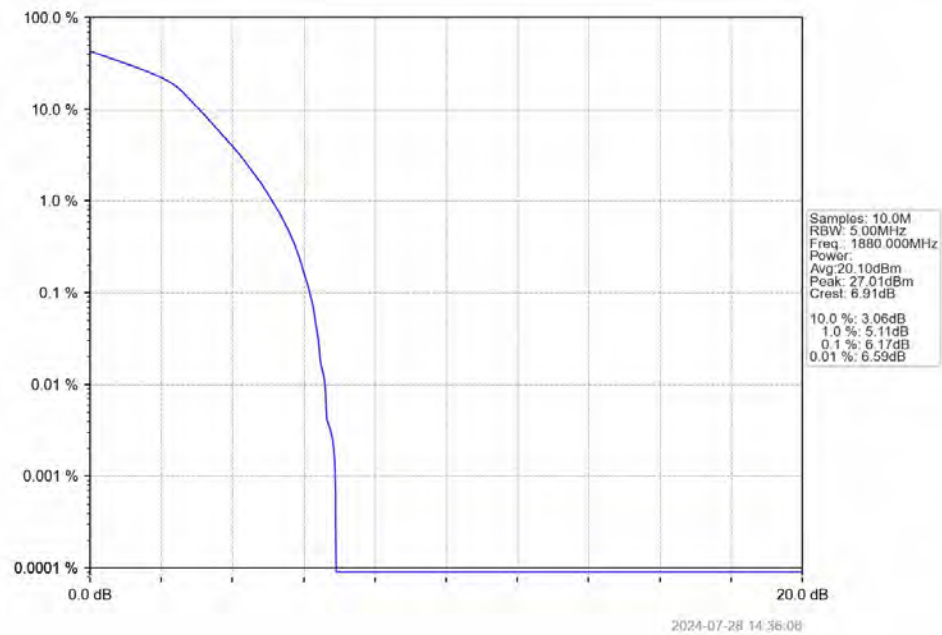
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



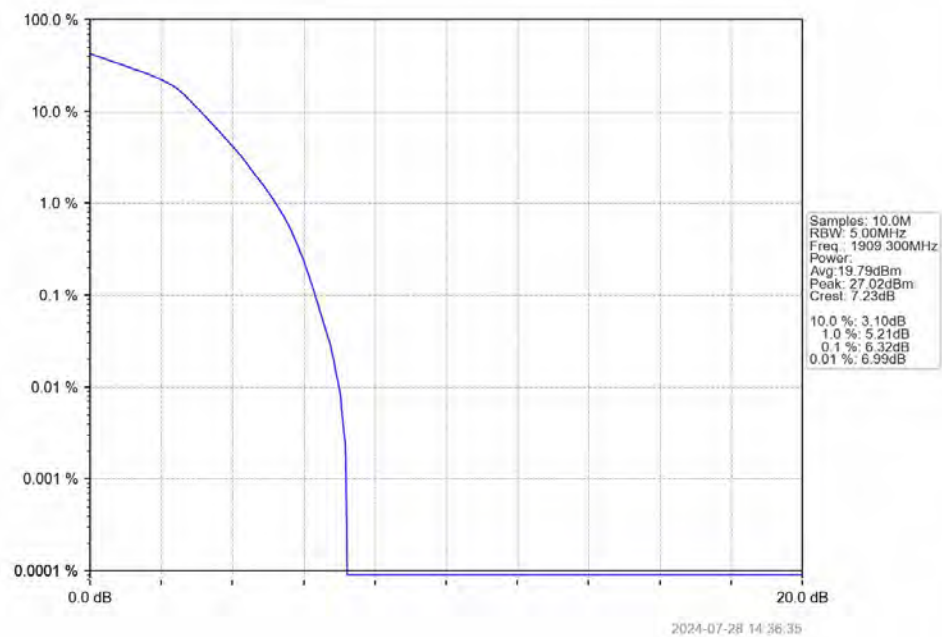
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



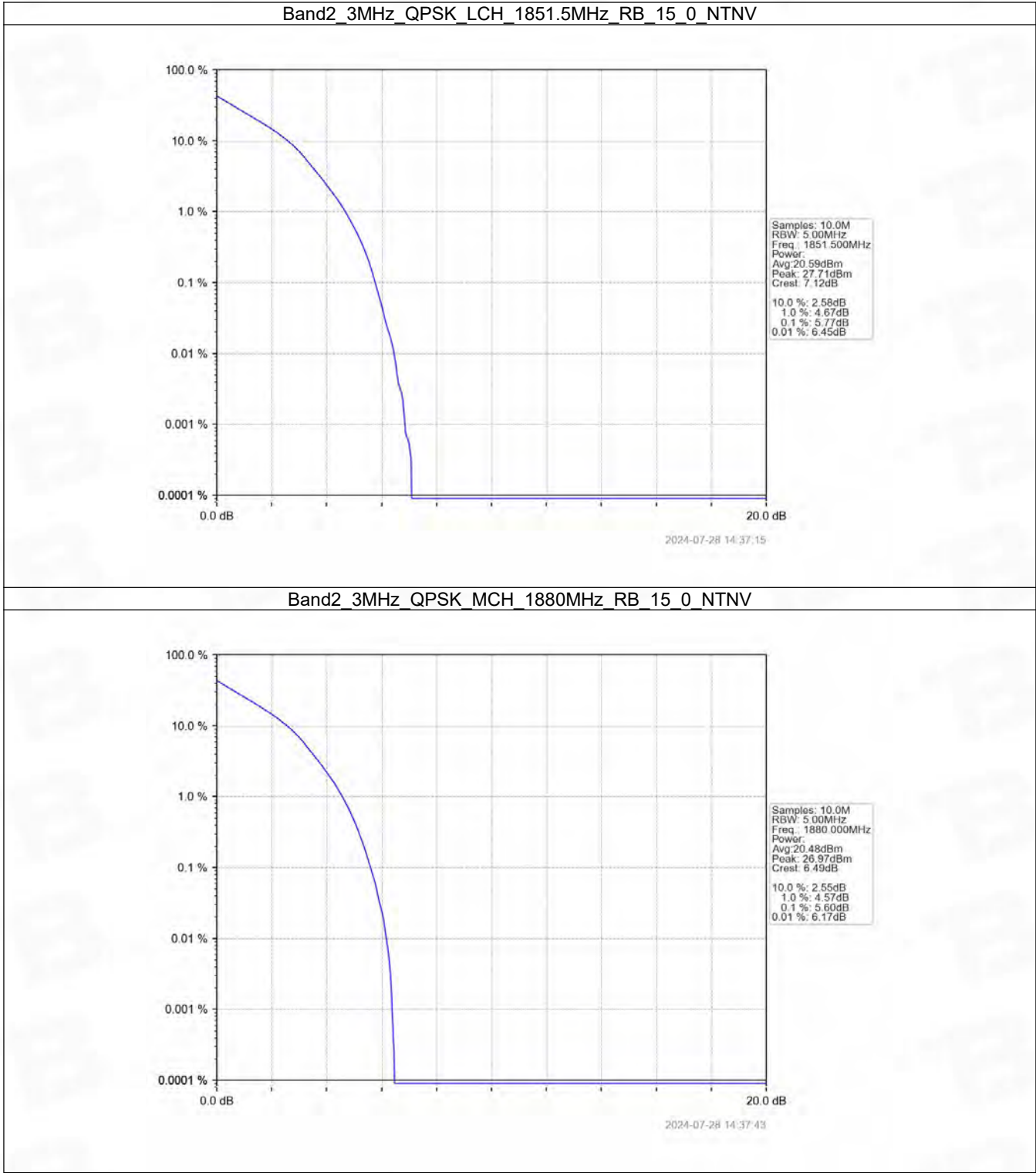
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



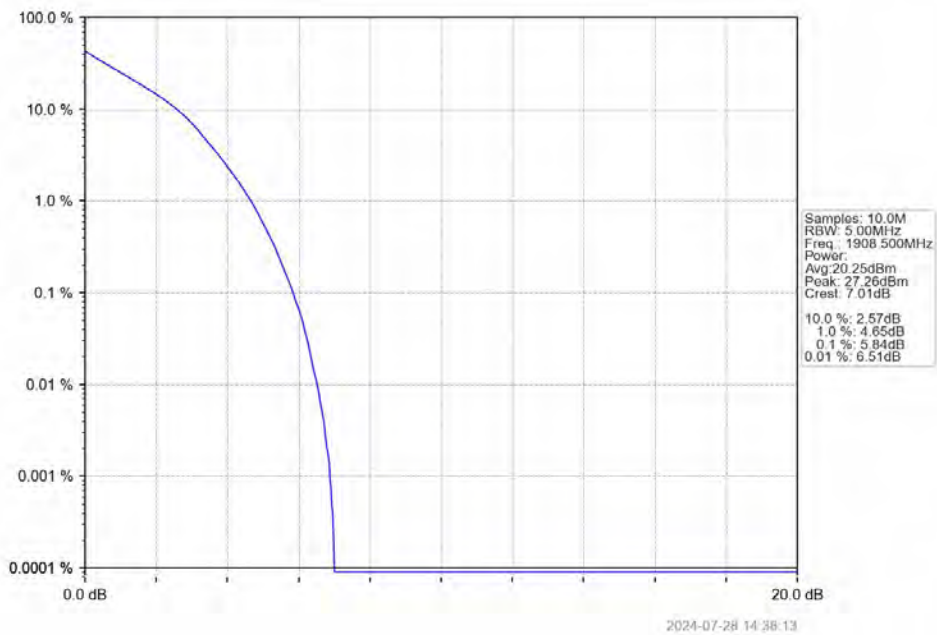
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



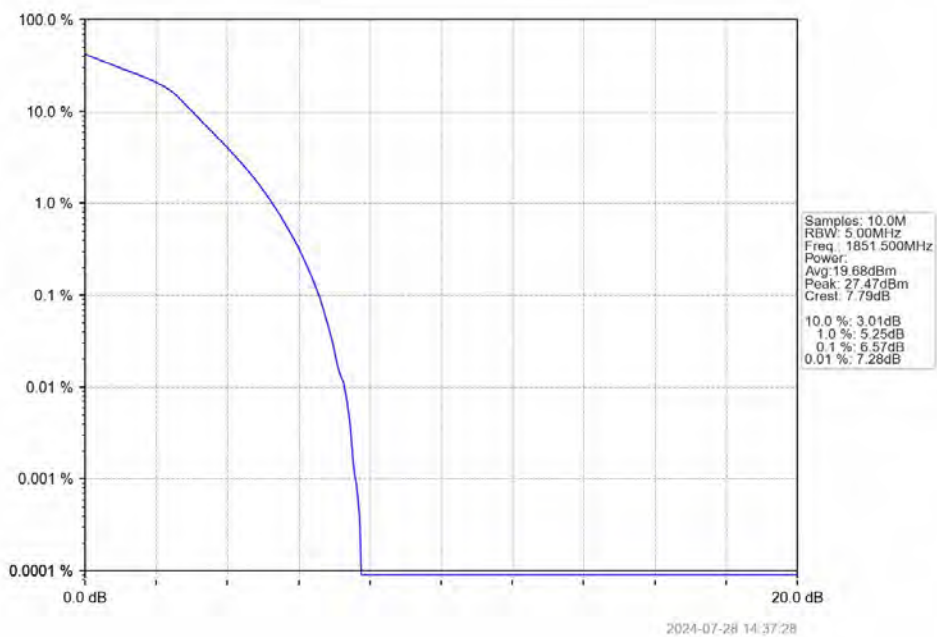
5.2.2 B2\_3MHz



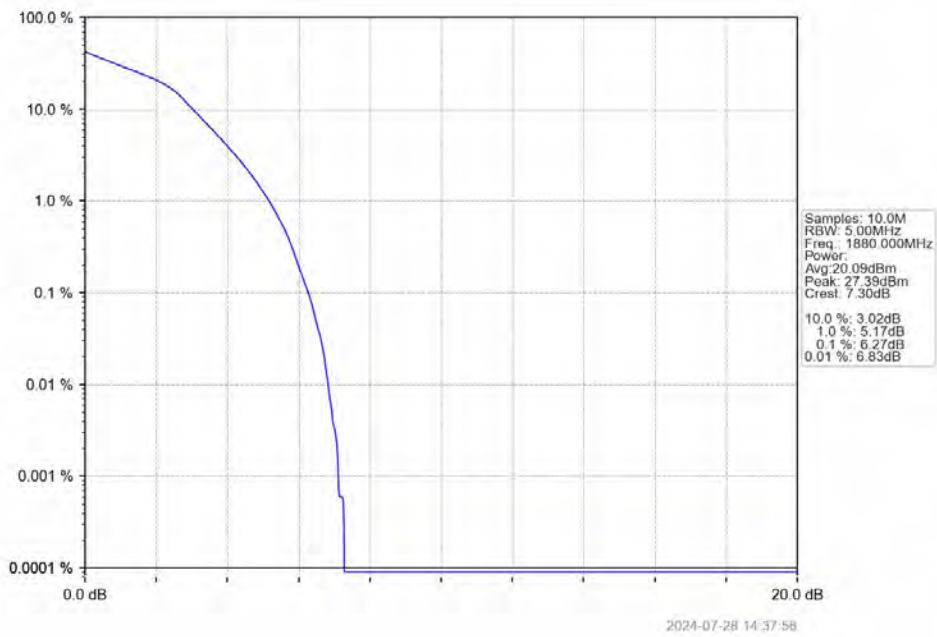
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



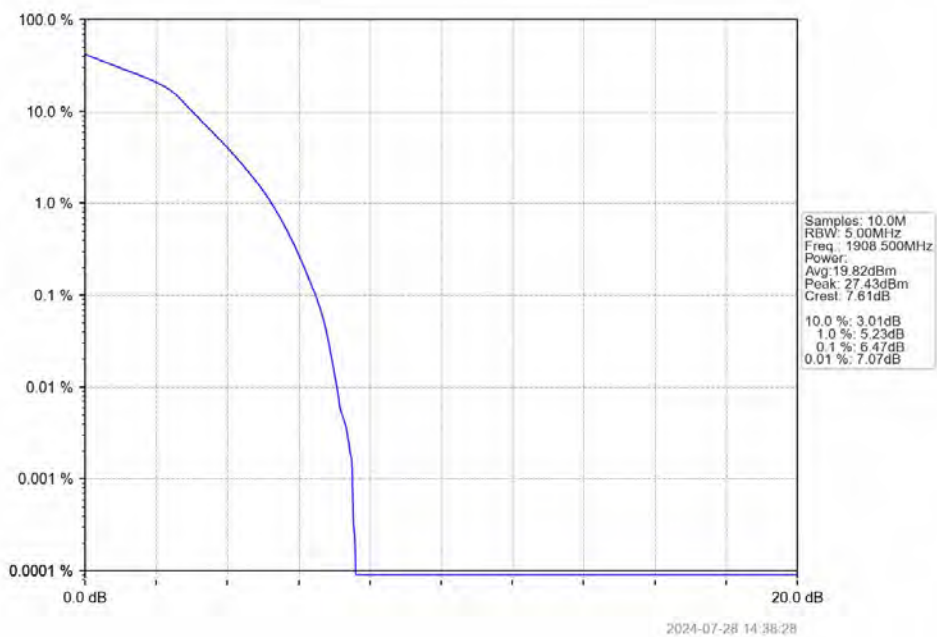
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



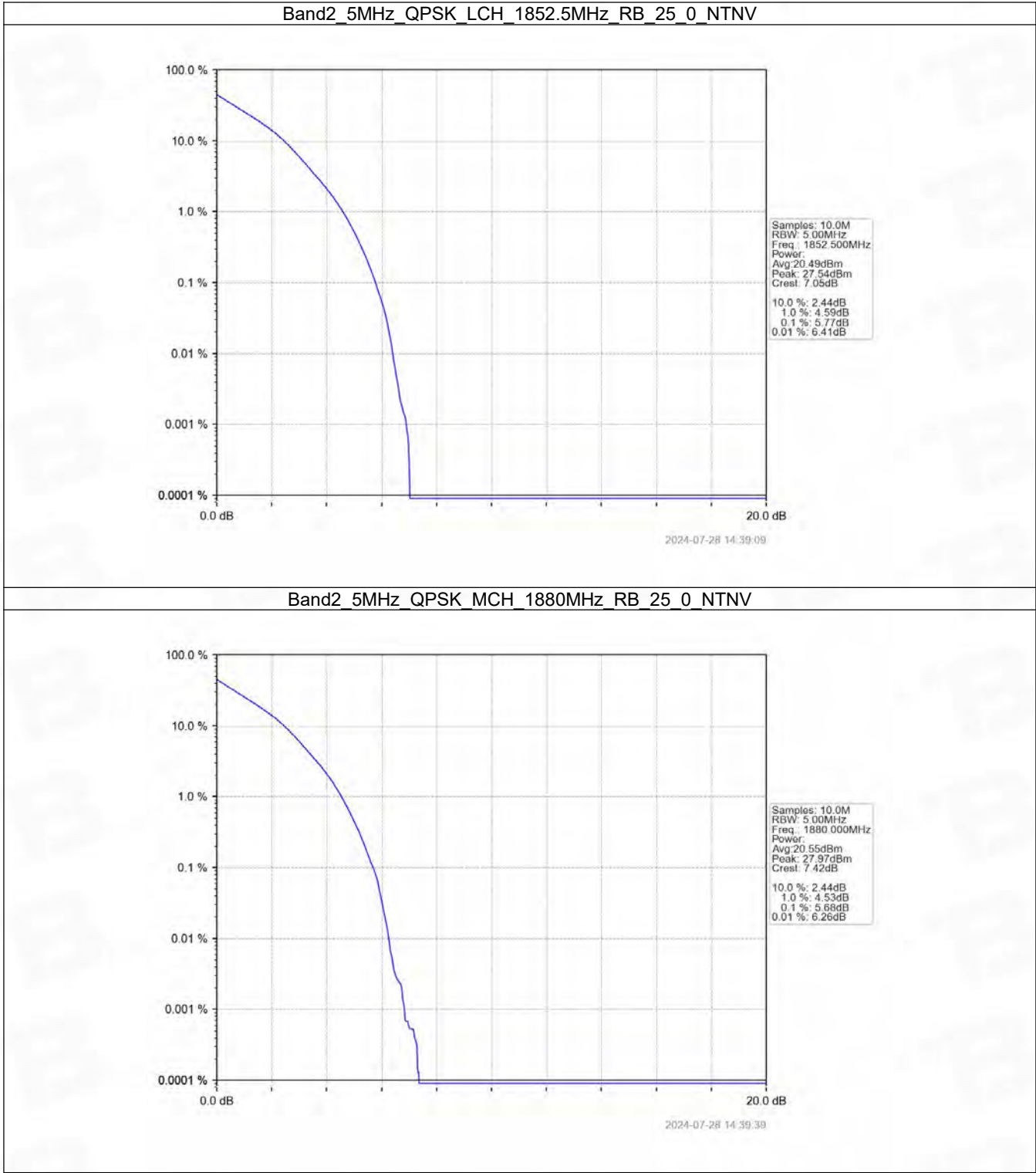
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



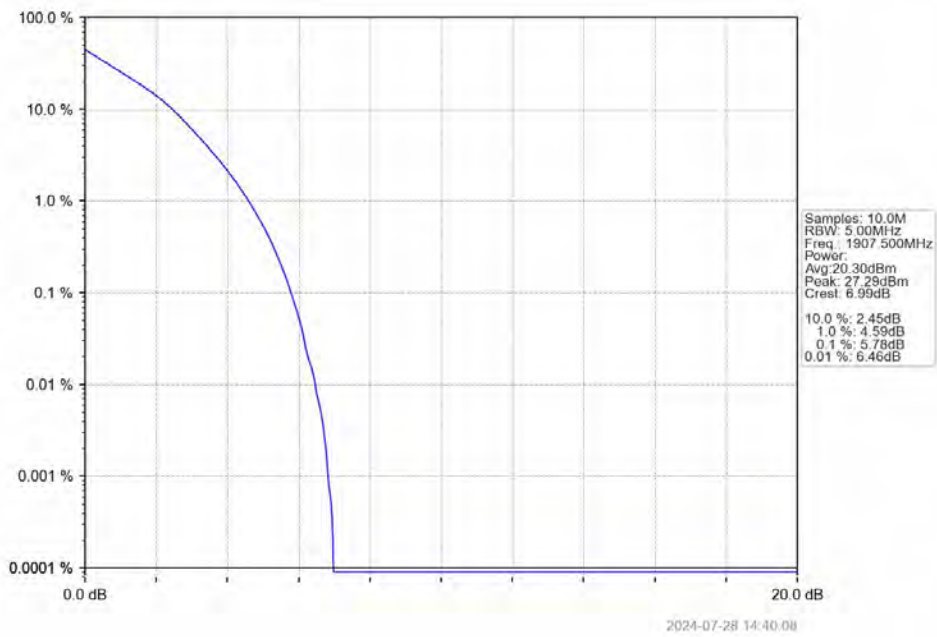
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



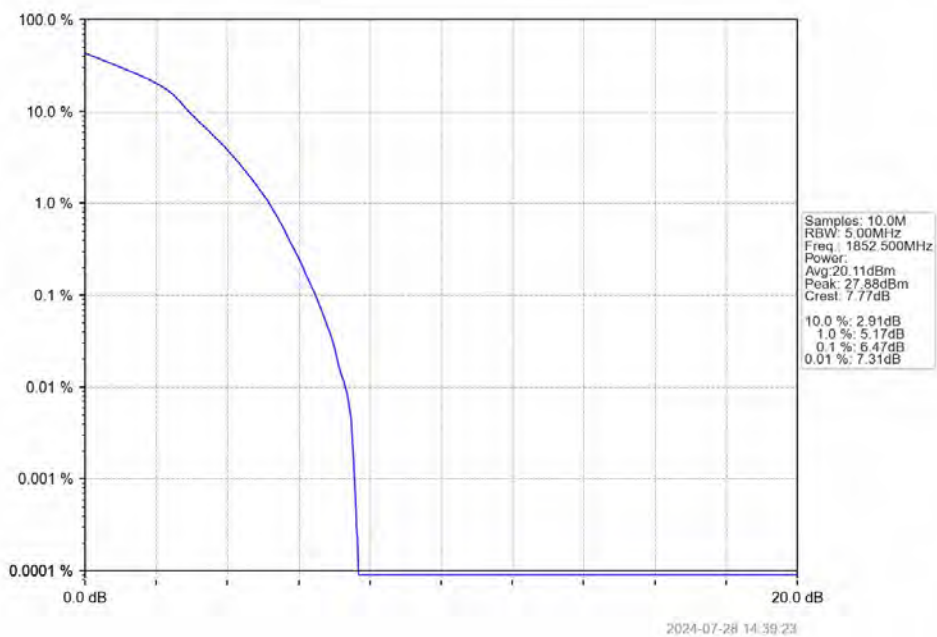
5.2.3 B2\_5MHz



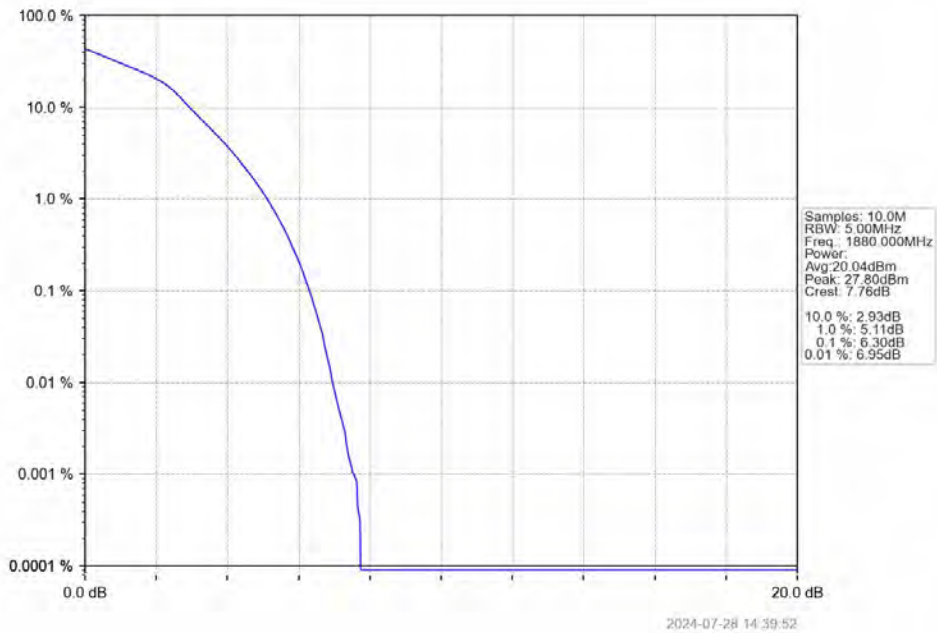
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



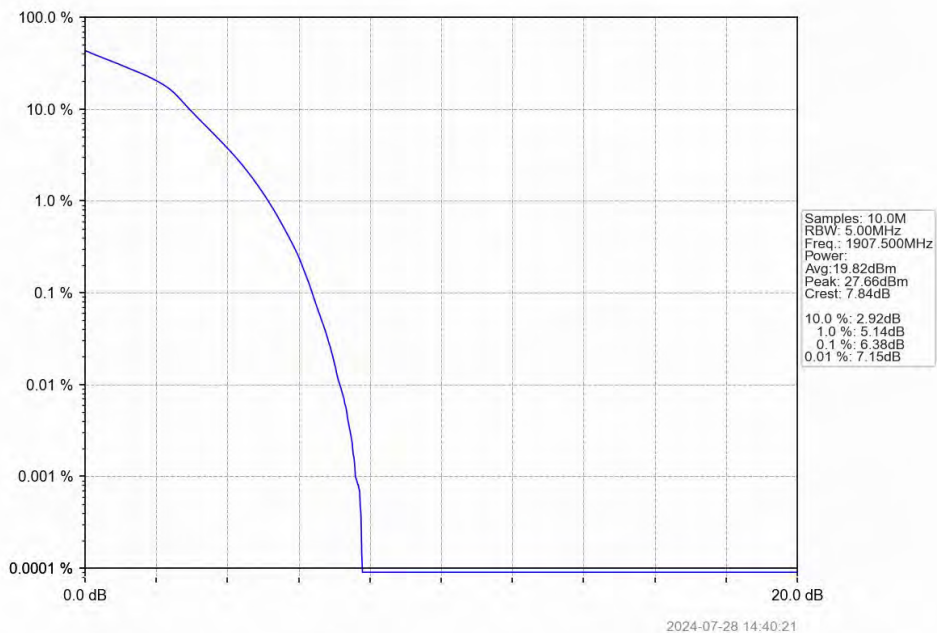
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



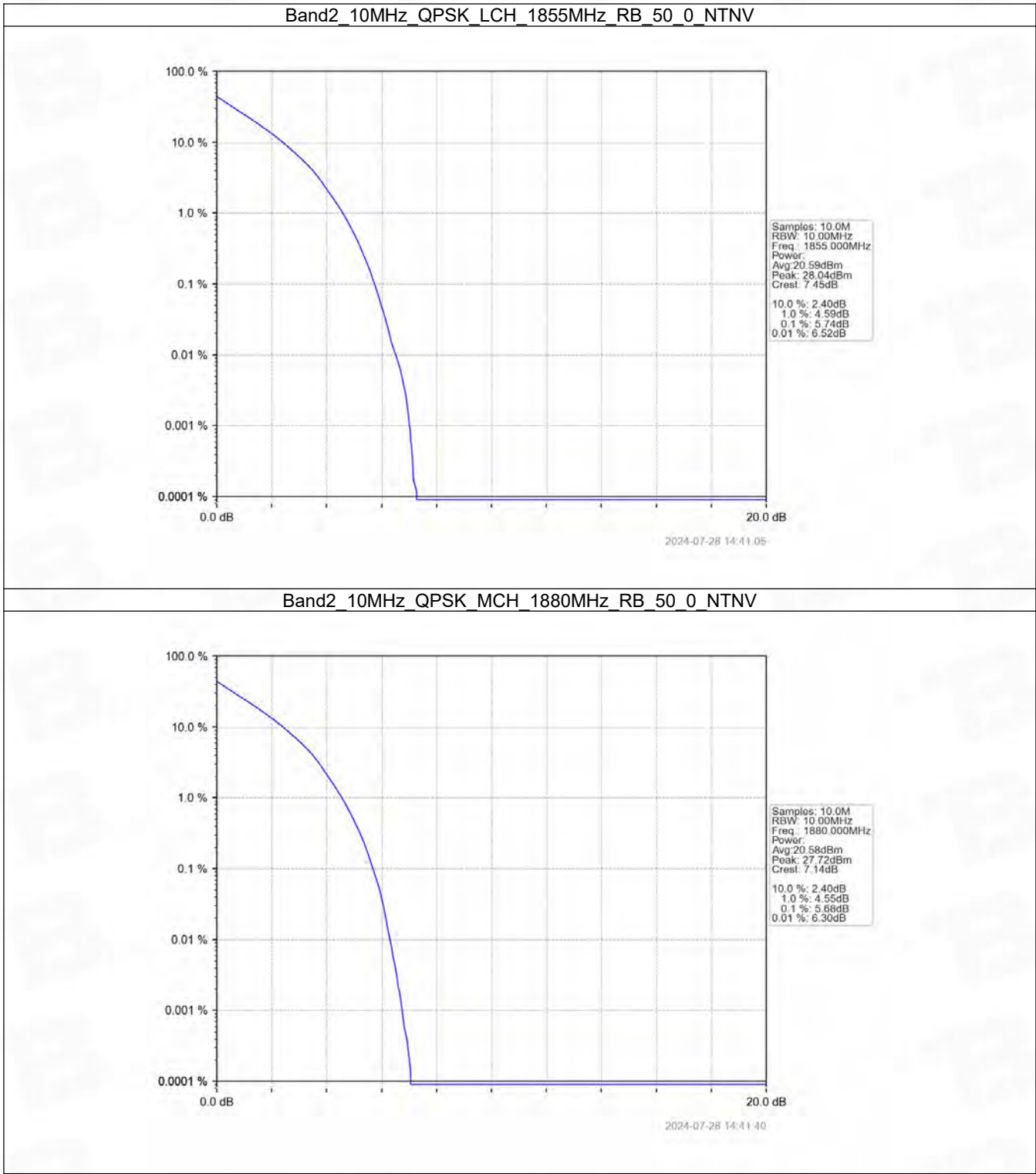
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



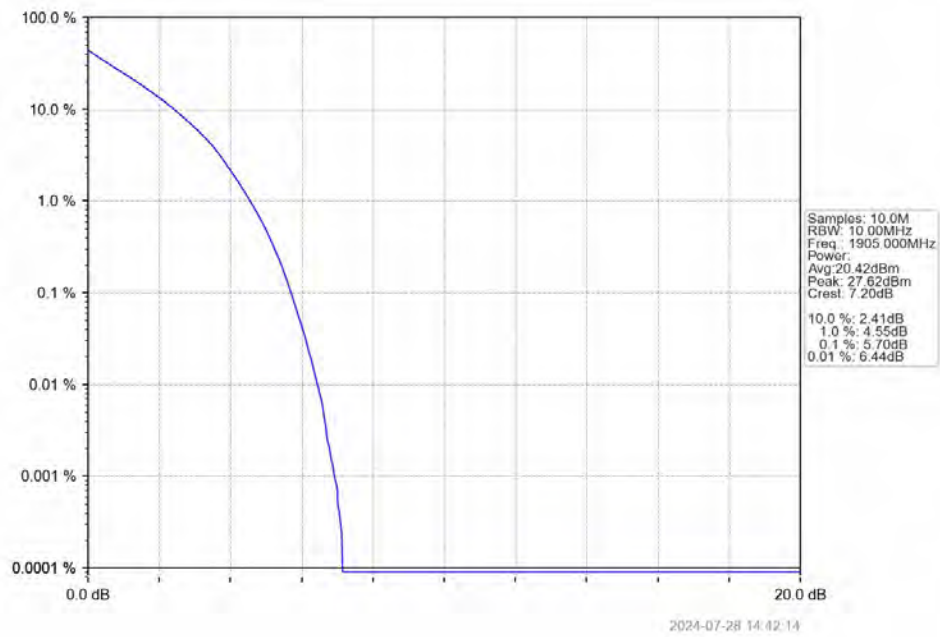
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



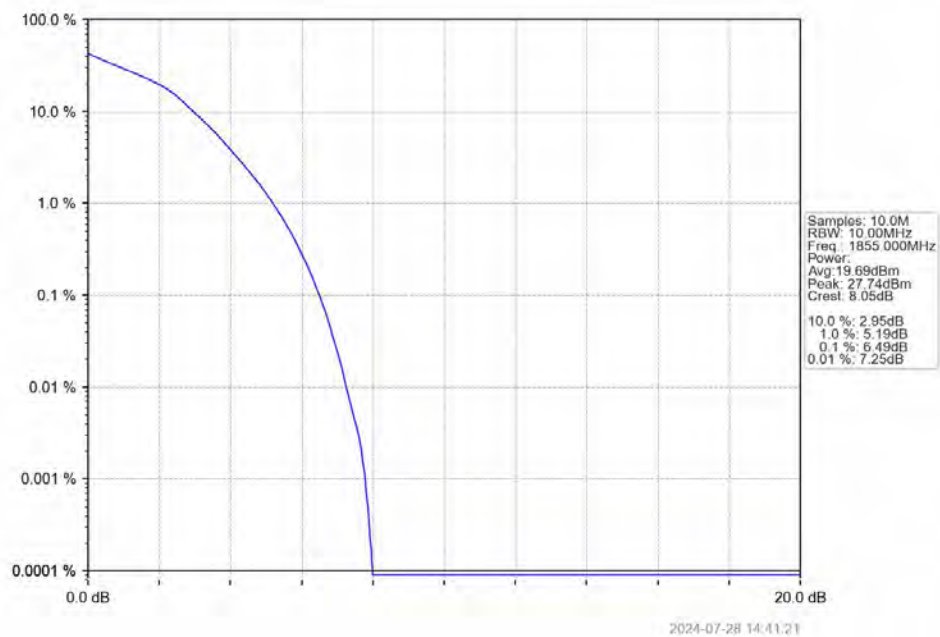
5.2.4 B2\_10MHz



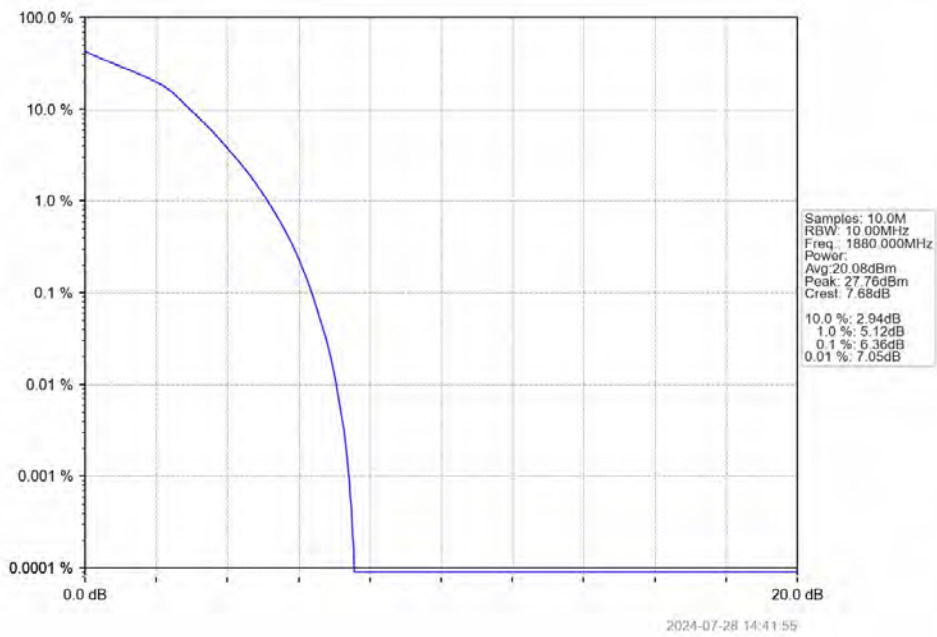
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



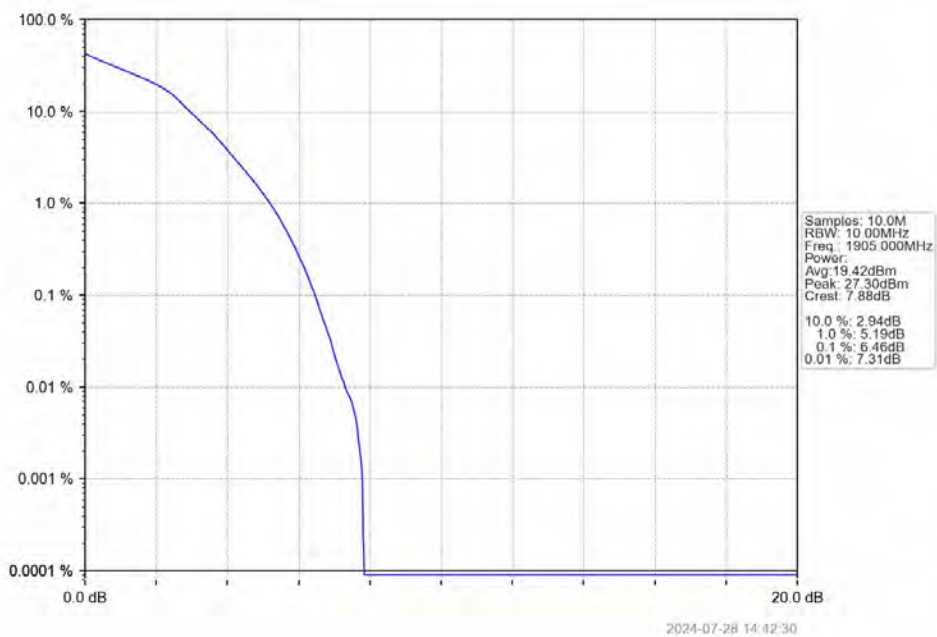
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



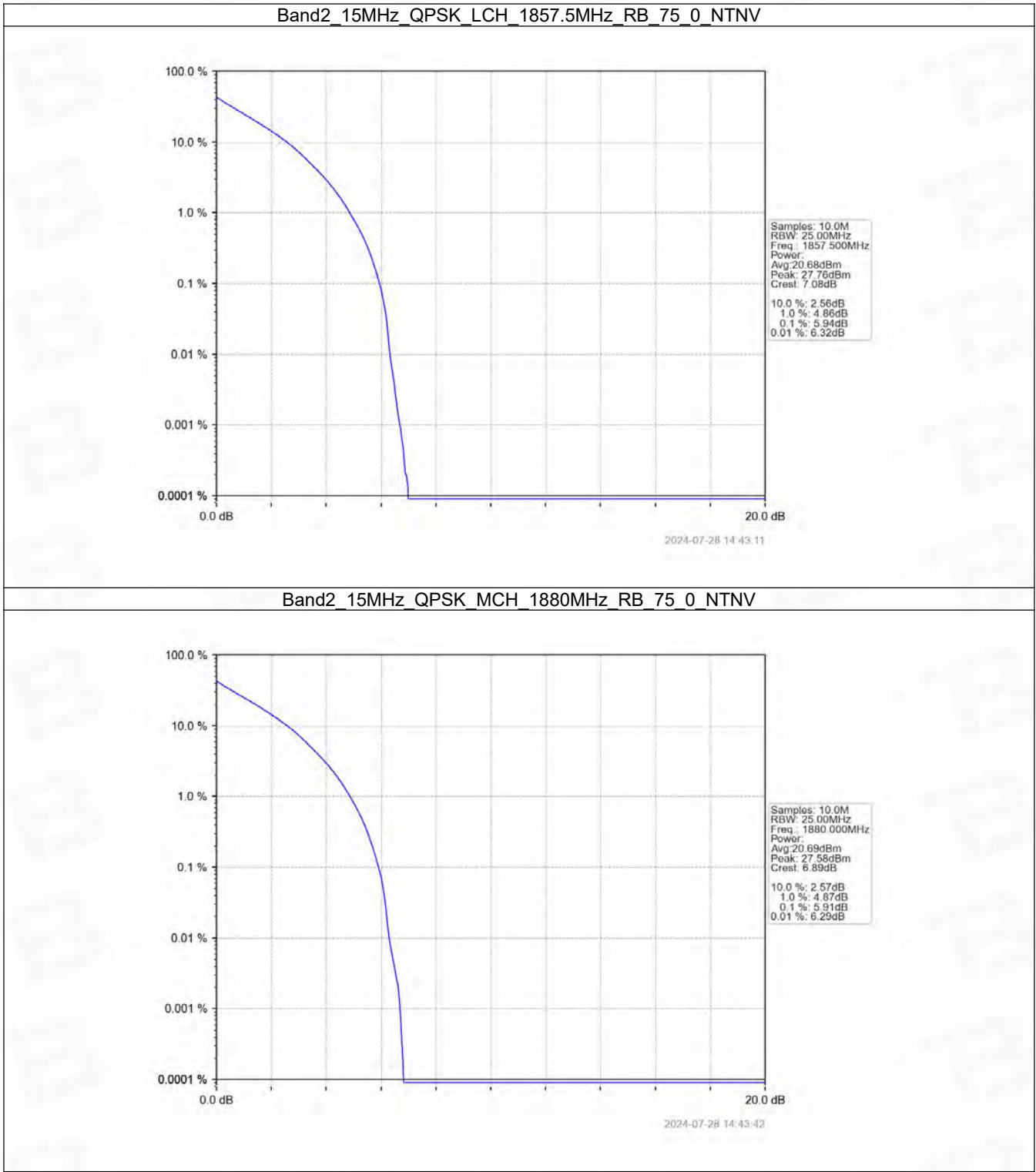
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



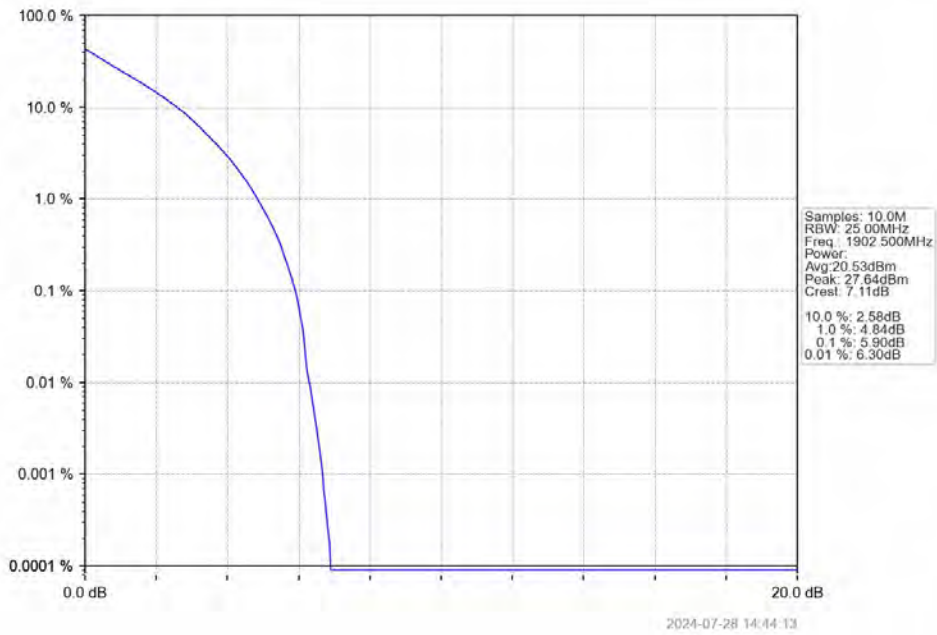
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



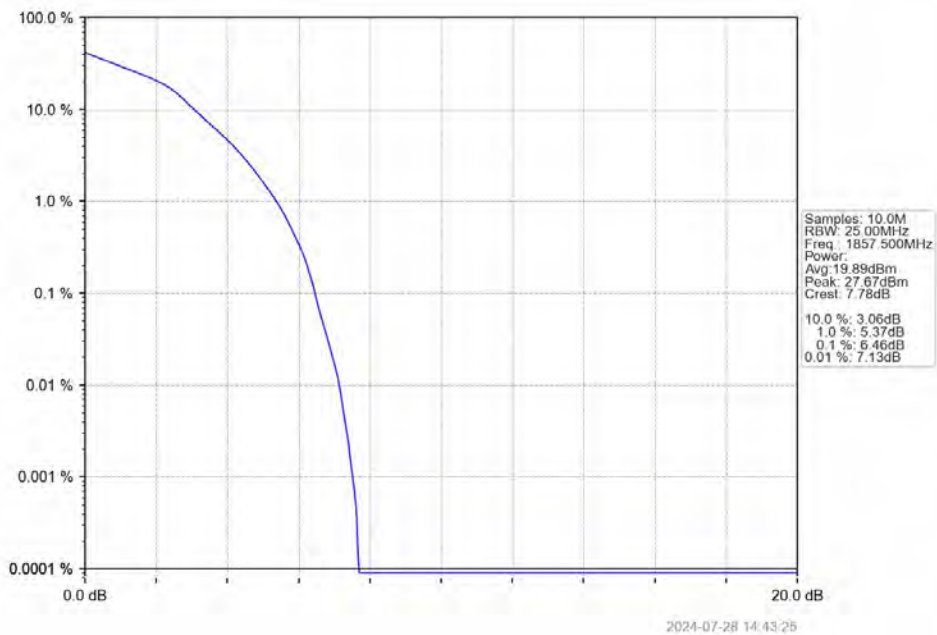
5.2.5 B2\_15MHz



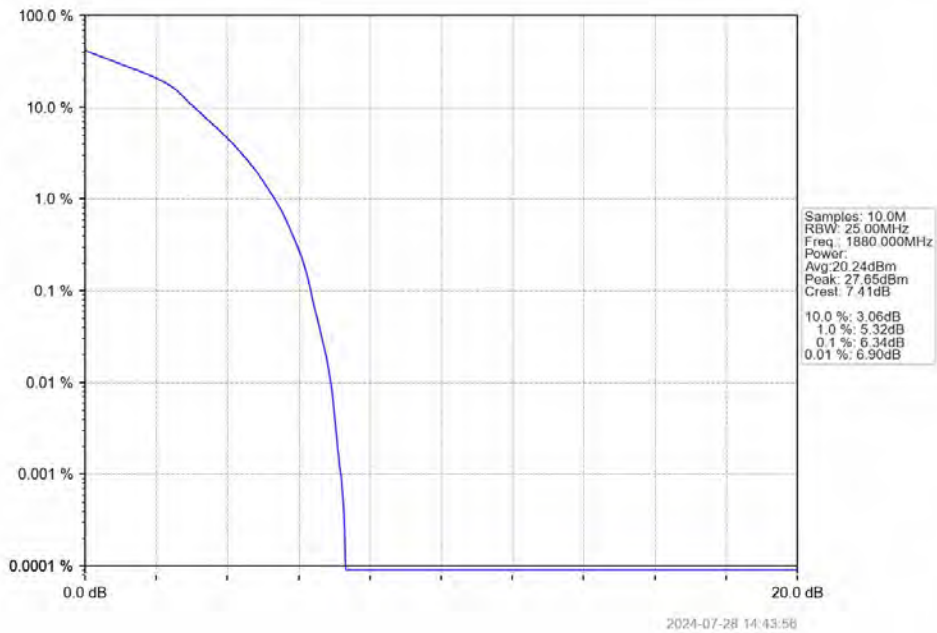
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



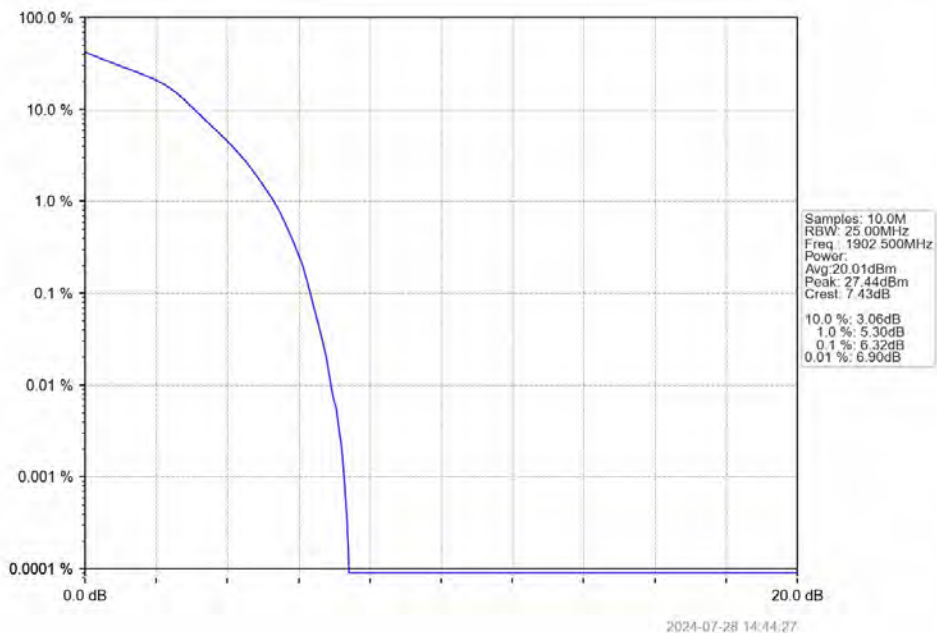
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



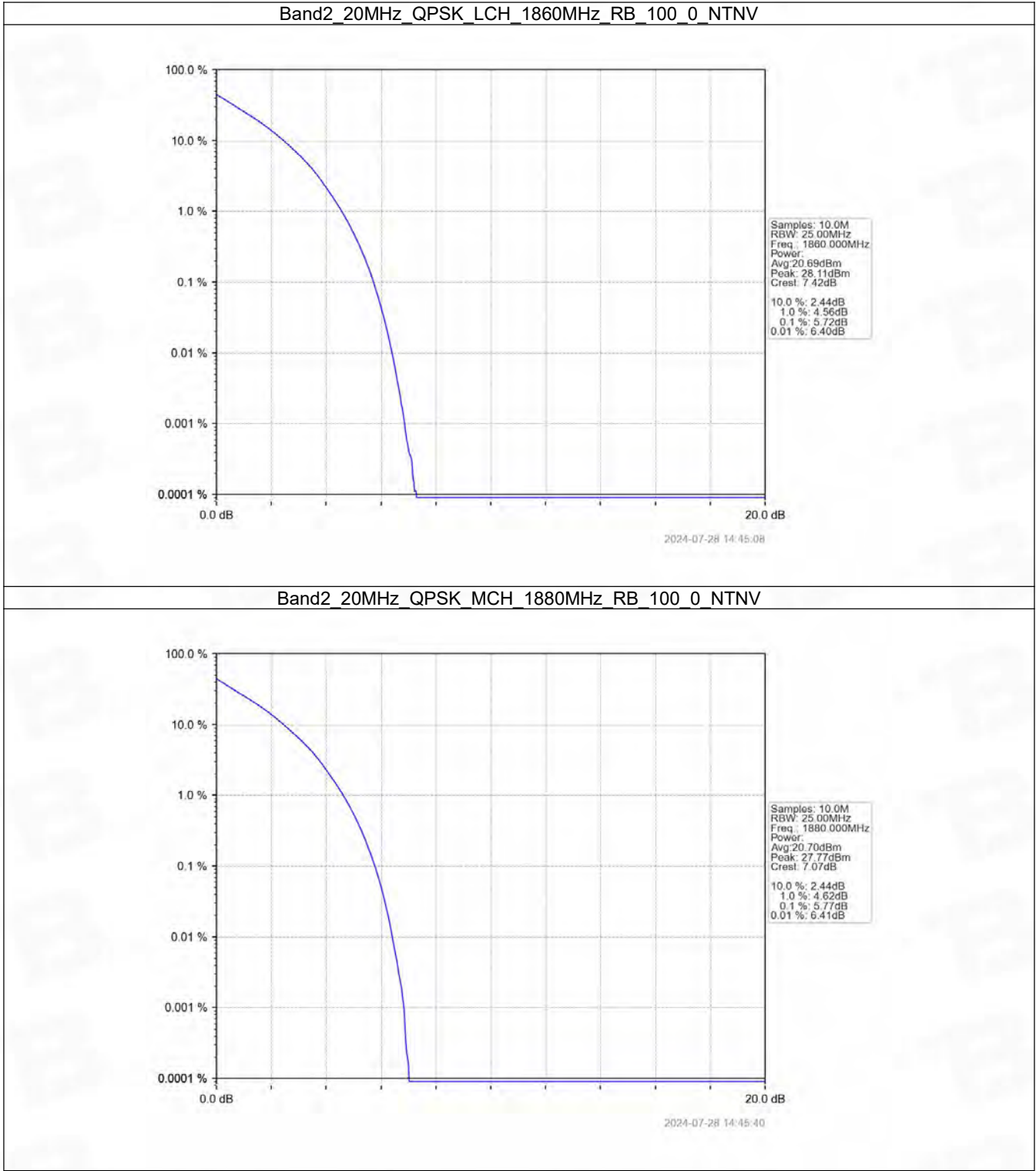
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



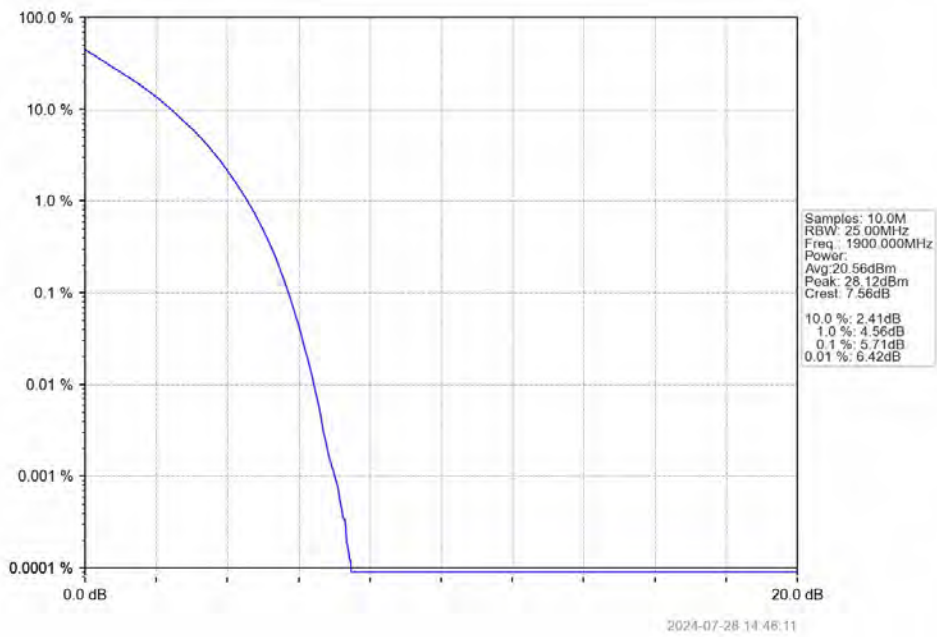
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



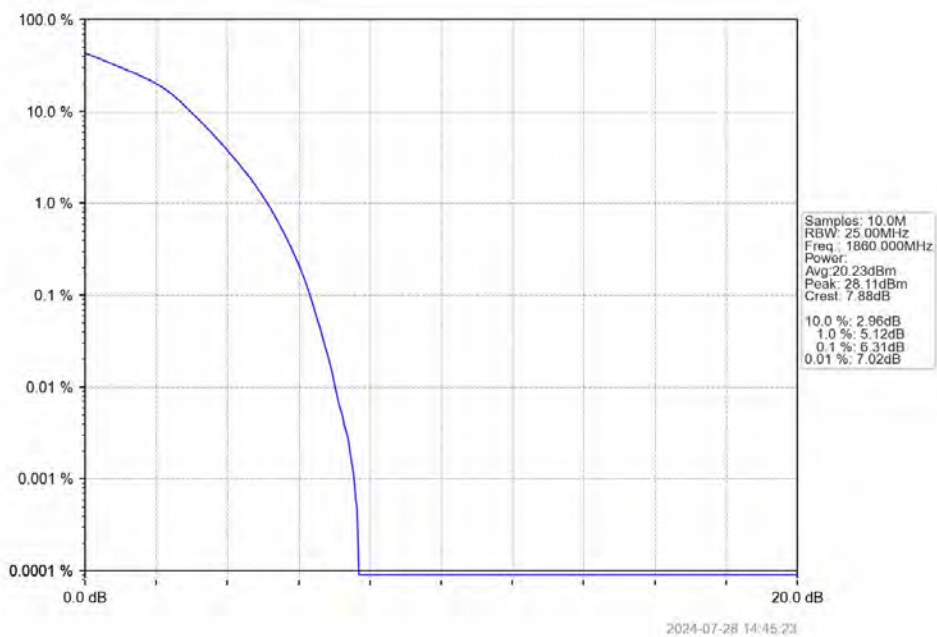
5.2.6 B2\_20MHz



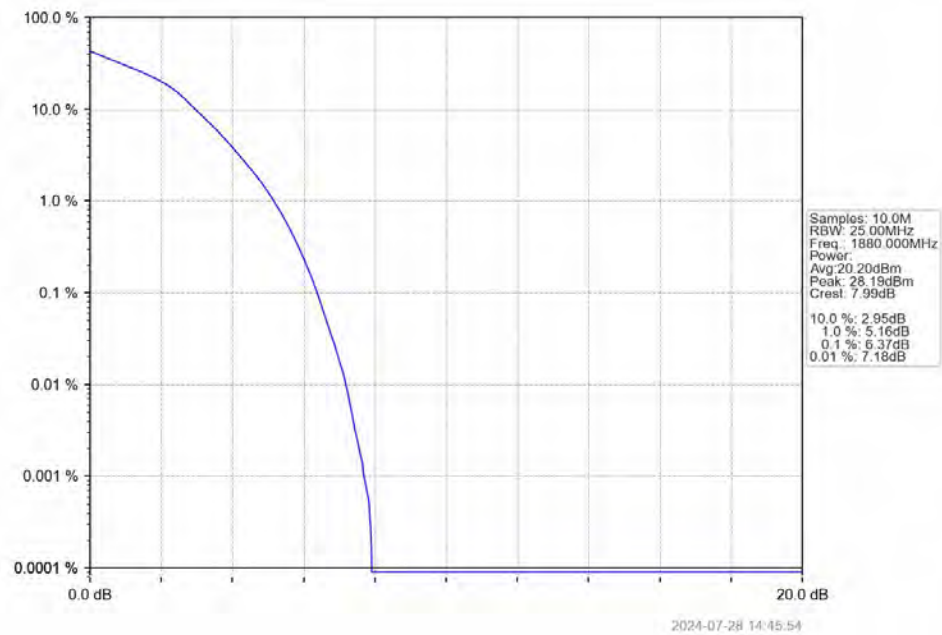
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



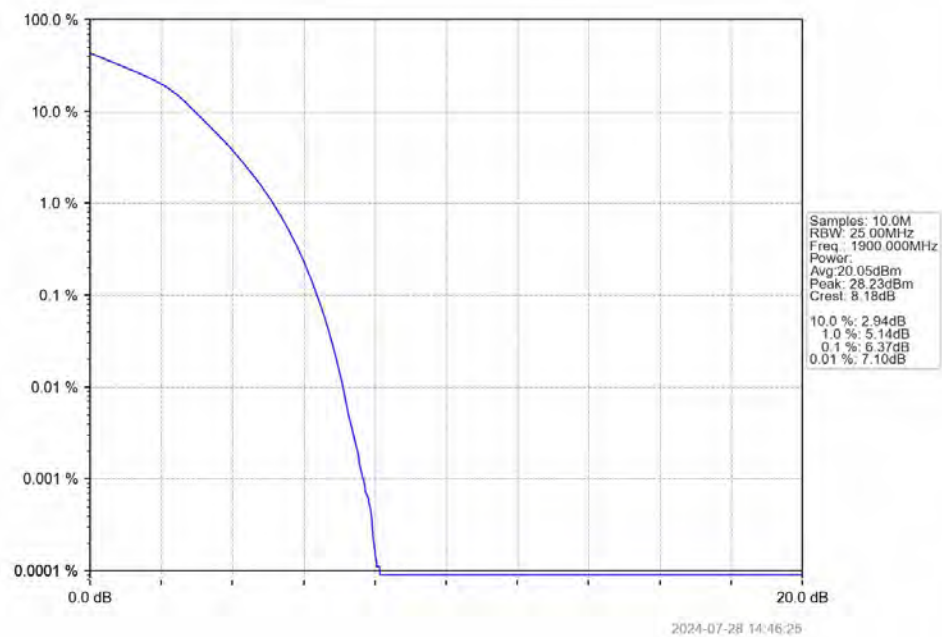
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 B2\_1.4MHz

| Band: 2 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1850.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 1850.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.2 B2\_3MHz

| Band: 2 / Bandwidth: 3MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1851.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                            | 1851.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.3 B2\_5MHz

| Band: 2 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1852.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                            | 1852.5          | 1             | 0      | Refer To Test Graph |       | Pass    |

|  |        |    |    |                     |      |
|--|--------|----|----|---------------------|------|
|  | 1880   | 25 | 0  | Refer To Test Graph | Pass |
|  |        | 1  | 0  | Refer To Test Graph | Pass |
|  | 1907.5 | 1  | 0  | Refer To Test Graph | Pass |
|  |        |    | 24 | Refer To Test Graph | Pass |
|  |        | 25 | 0  | Refer To Test Graph | Pass |

#### 6.1.4 B2\_10MHz

| Band: 2 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                   |                 | Size          | Offset | Result              | Limit |
| QPSK                              | 1855            | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 50            | 0      | Refer To Test Graph | Pass  |
|                                   | 1880            | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 49     | Refer To Test Graph | Pass  |
|                                   |                 | 50            | 0      | Refer To Test Graph | Pass  |
| 16QAM                             | 1855            | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 50            | 0      | Refer To Test Graph | Pass  |
|                                   | 1880            | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 49     | Refer To Test Graph | Pass  |
|                                   |                 | 50            | 0      | Refer To Test Graph | Pass  |

#### 6.1.5 B2\_15MHz

| Band: 2 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                   |                 | Size          | Offset | Result              | Limit |
| QPSK                              | 1857.5          | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 75            | 0      | Refer To Test Graph | Pass  |
|                                   | 1880            | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 74     | Refer To Test Graph | Pass  |
|                                   |                 | 75            | 0      | Refer To Test Graph | Pass  |
| 16QAM                             | 1857.5          | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 75            | 0      | Refer To Test Graph | Pass  |
|                                   | 1880            | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 74     | Refer To Test Graph | Pass  |
|                                   |                 | 75            | 0      | Refer To Test Graph | Pass  |

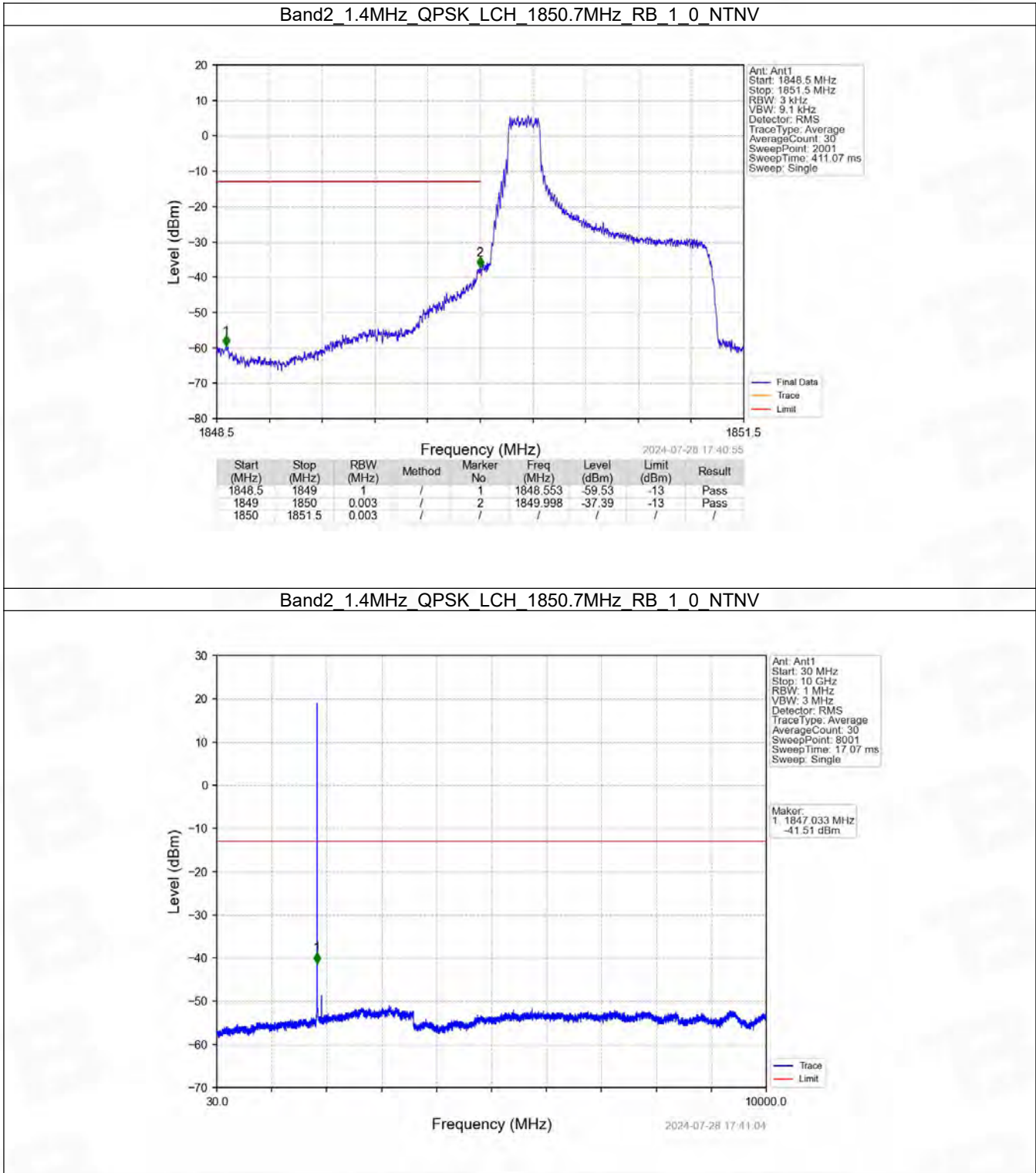
#### 6.1.6 B2\_20MHz

| Band: 2 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                   |                 | Size          | Offset | Result              | Limit |
| QPSK                              | 1860            | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 100           | 0      | Refer To Test Graph | Pass  |
|                                   | 1880            | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                   |                 |               | 99     | Refer To Test Graph | Pass  |
|                                   |                 | 100           | 0      | Refer To Test Graph | Pass  |
| 16QAM                             | 1860            | 1             | 0      | Refer To Test Graph | Pass  |

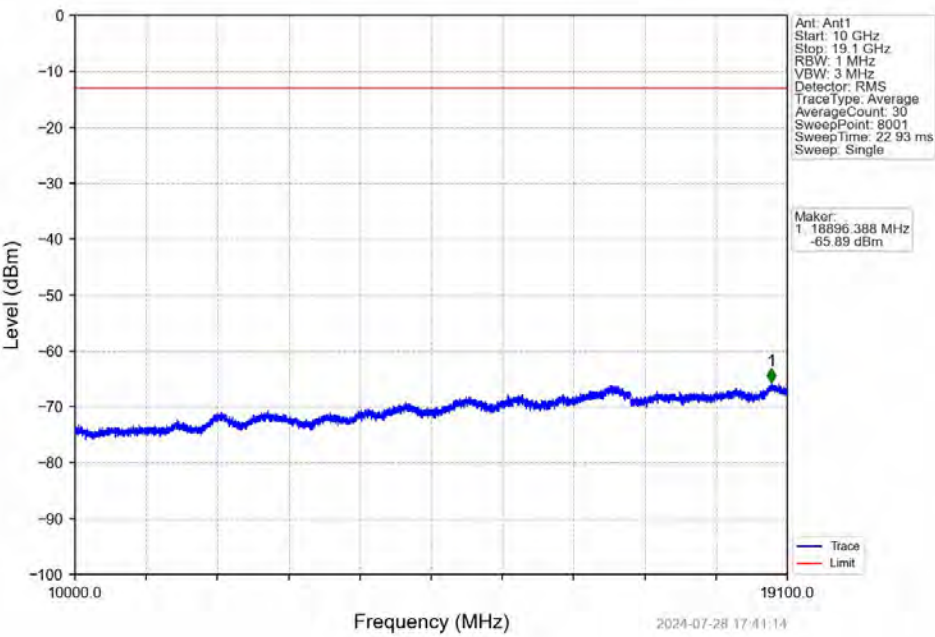
|  |      |     |    |                     |      |
|--|------|-----|----|---------------------|------|
|  |      | 100 | 0  | Refer To Test Graph | Pass |
|  | 1880 | 1   | 0  | Refer To Test Graph | Pass |
|  | 1900 | 1   | 0  | Refer To Test Graph | Pass |
|  |      |     | 99 | Refer To Test Graph | Pass |
|  |      | 100 | 0  | Refer To Test Graph | Pass |

6.2 Test Graph

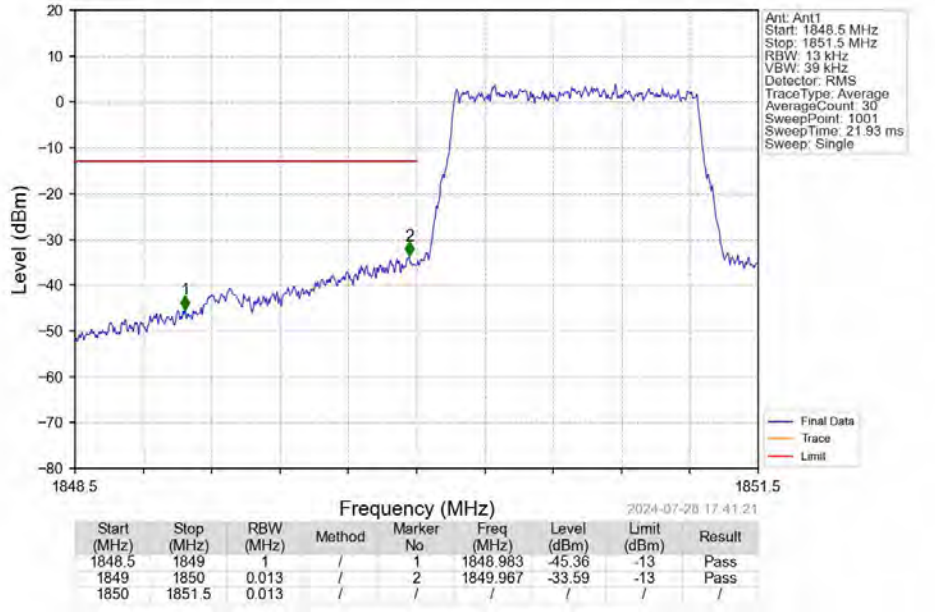
6.2.1 B2\_1.4MHz



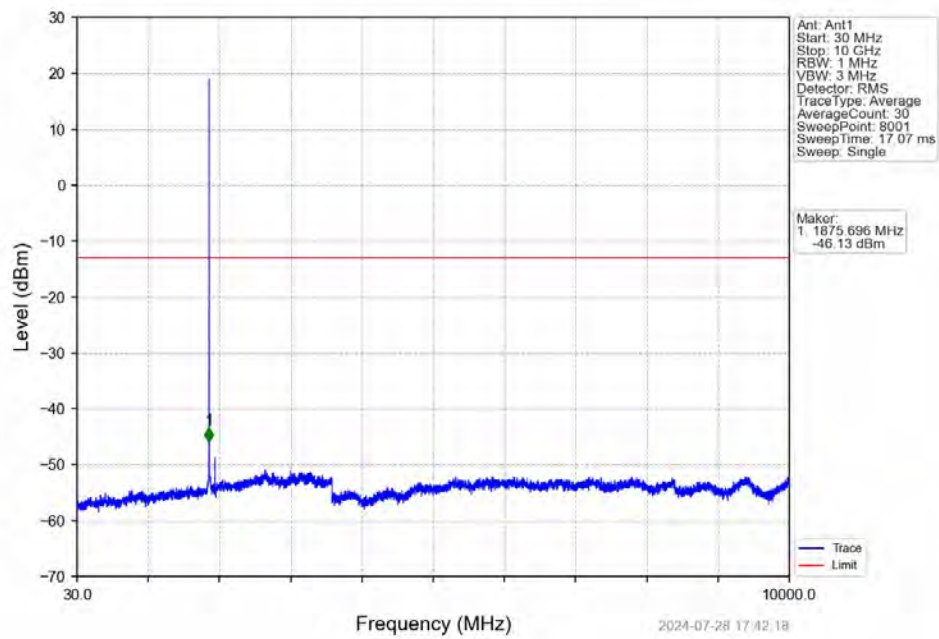
Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



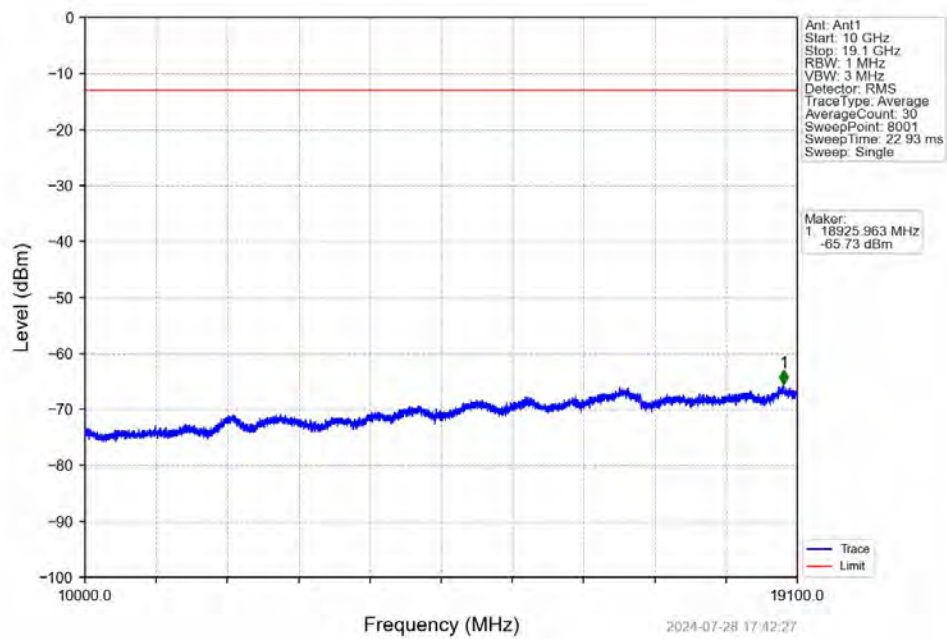
Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



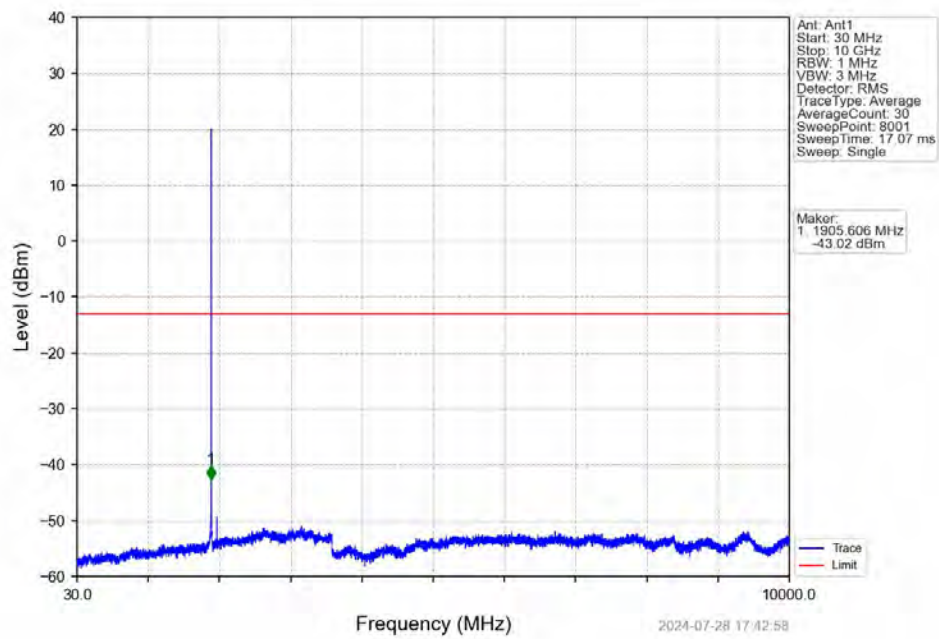
Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



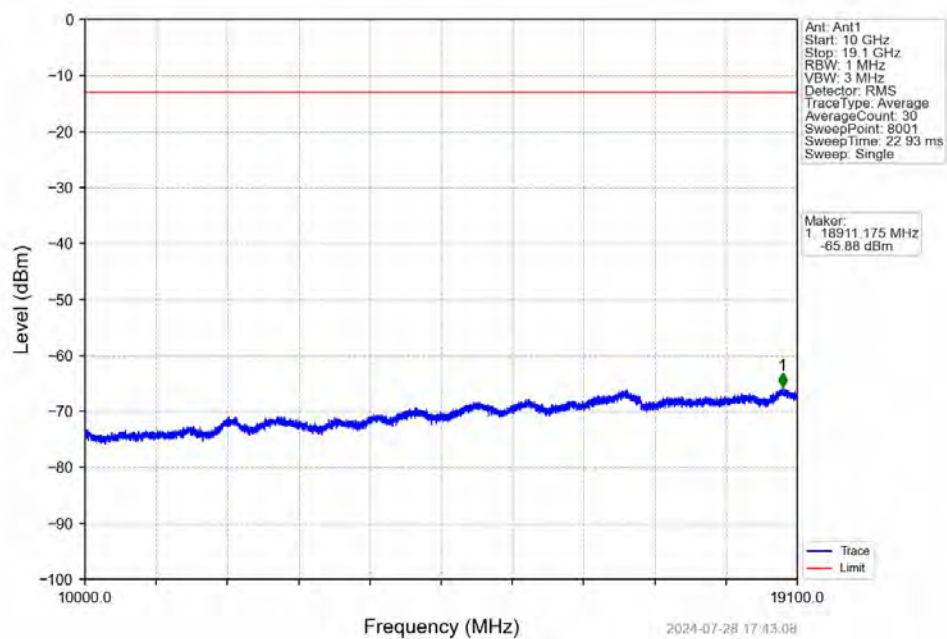
Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



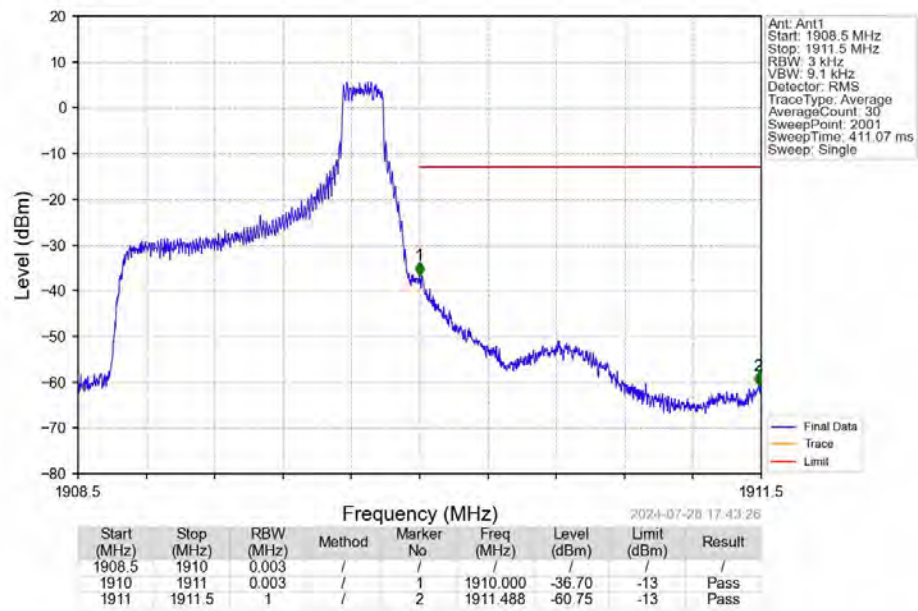
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



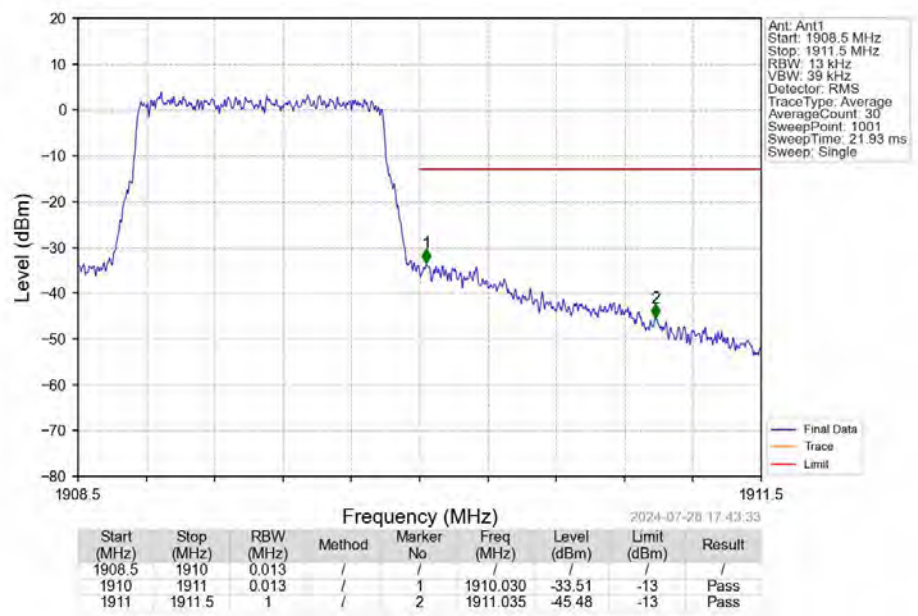
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



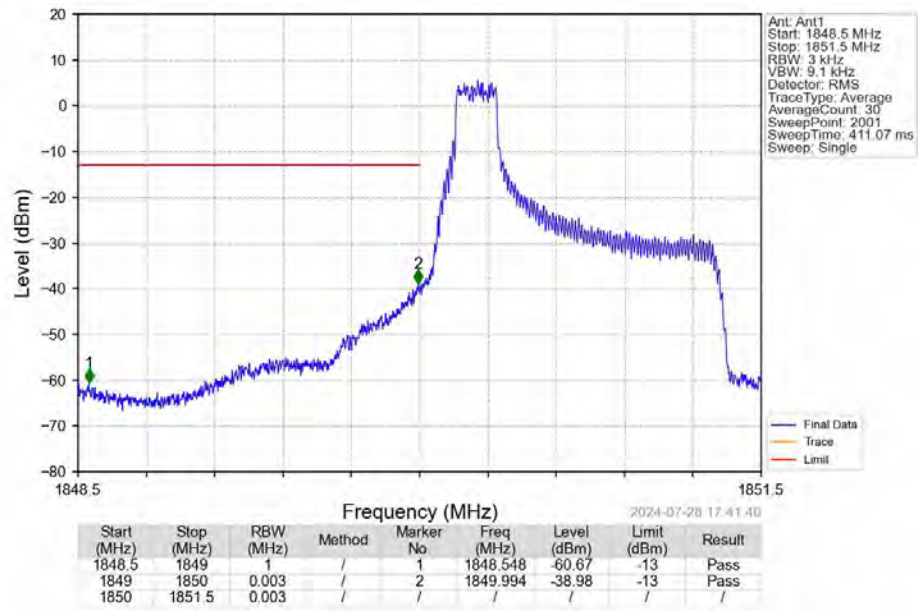
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_5\_NTNV



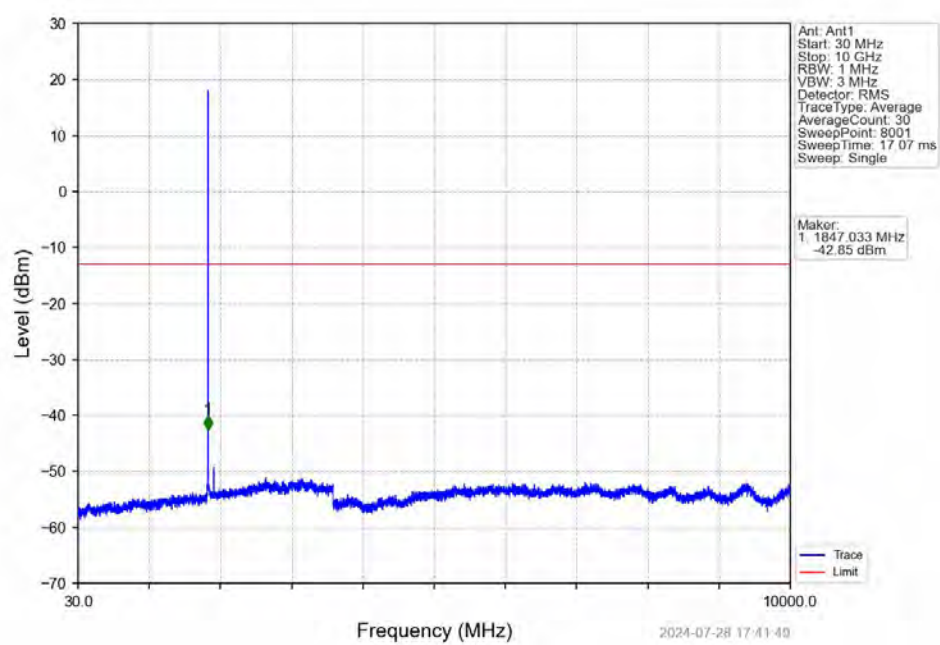
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



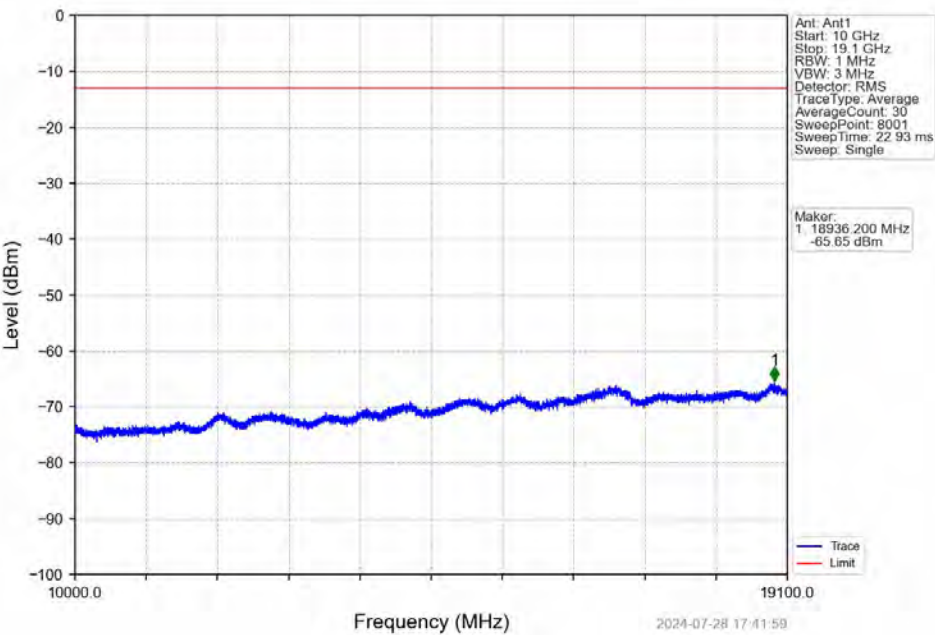
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



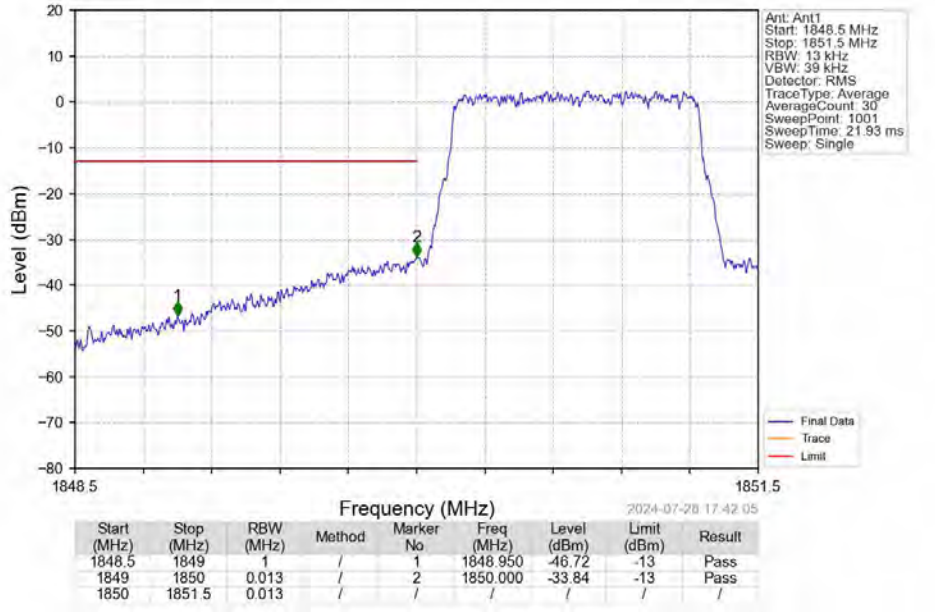
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



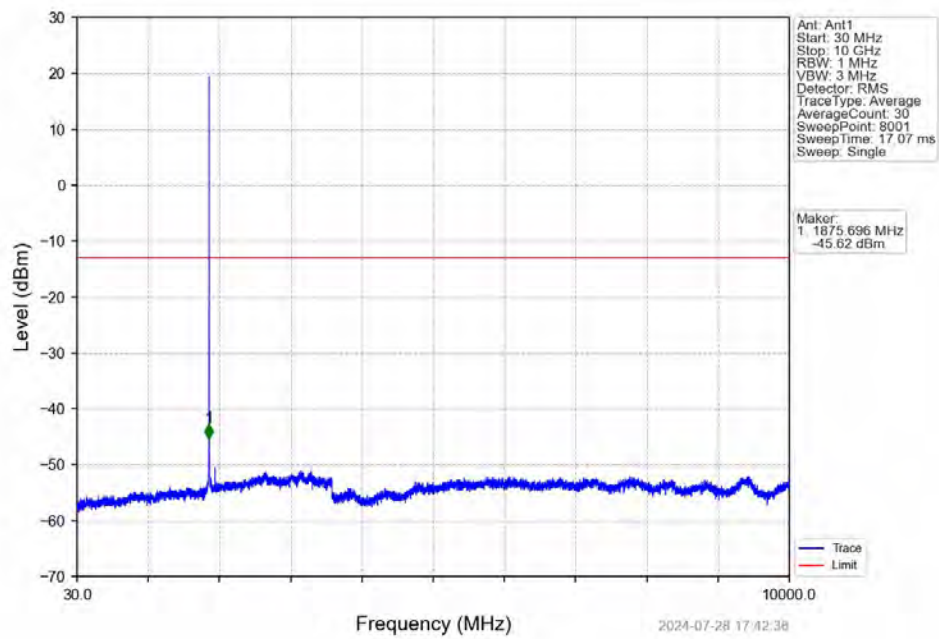
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



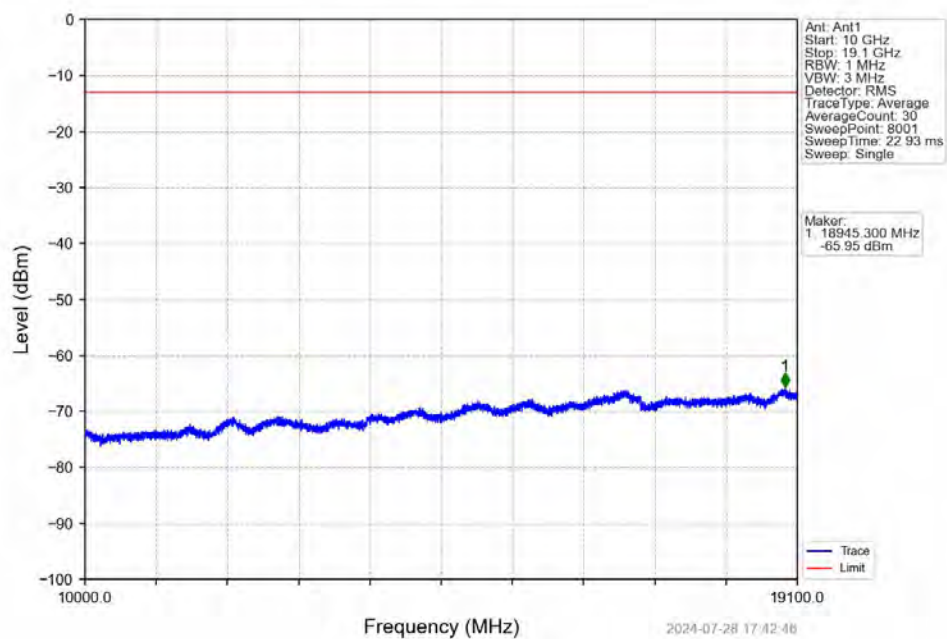
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



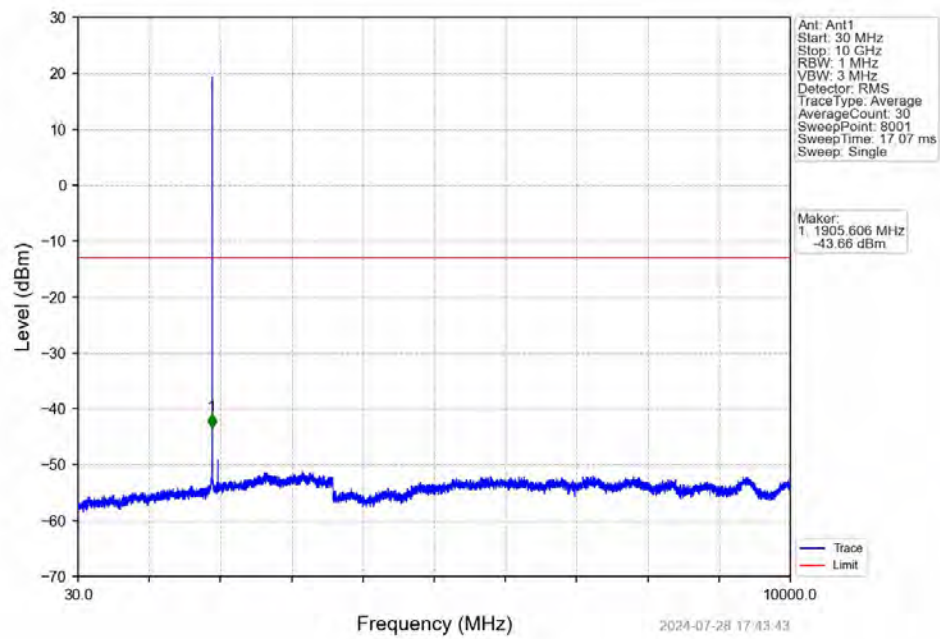
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



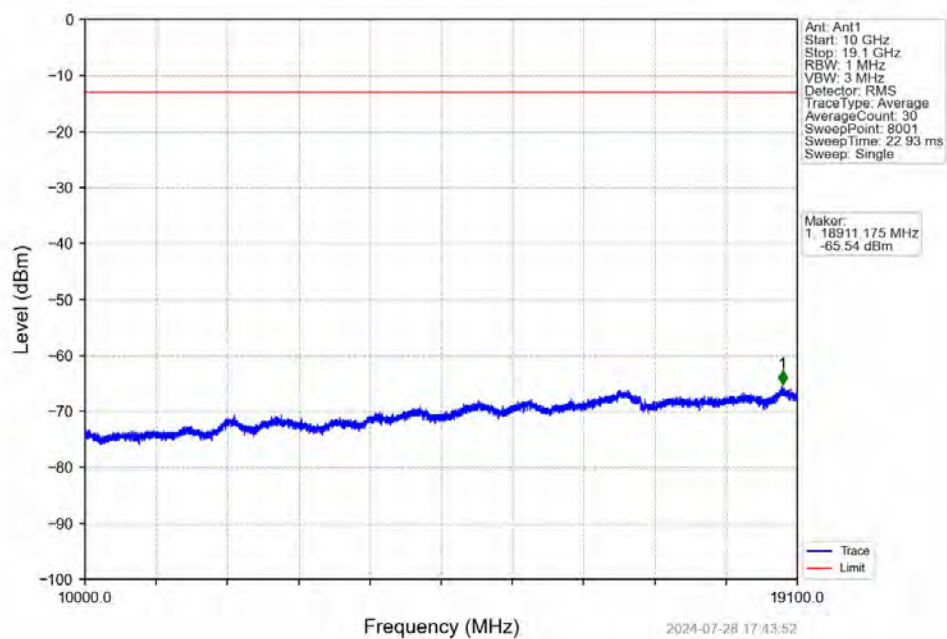
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



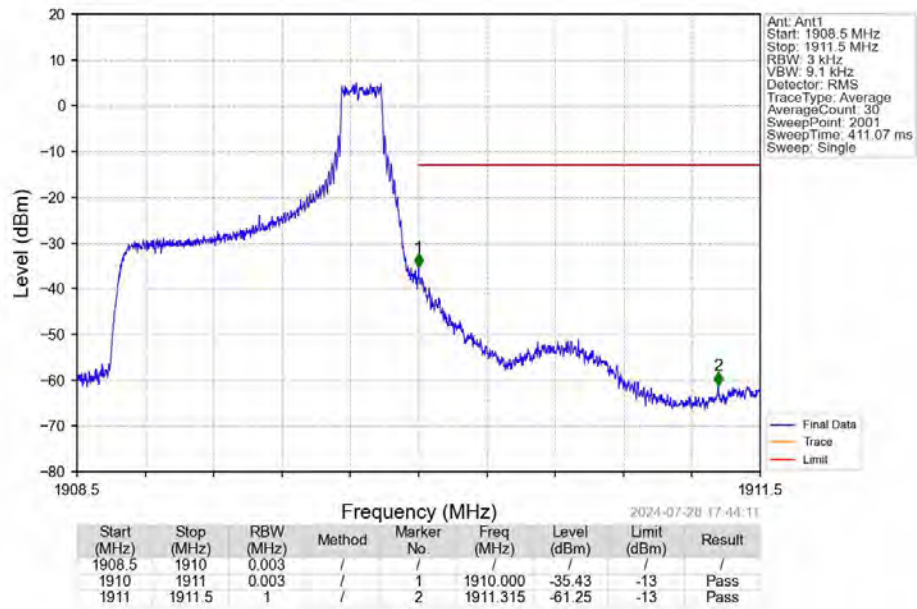
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



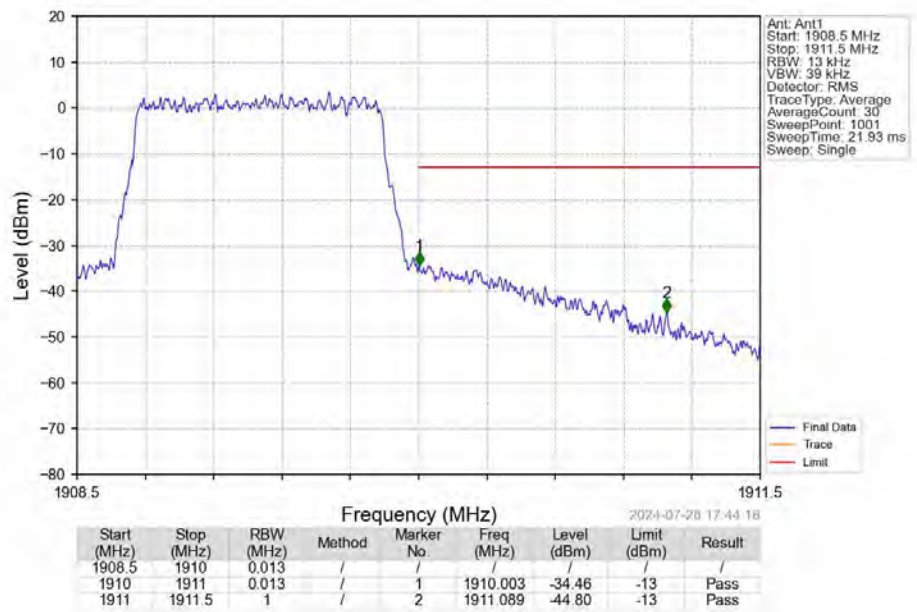
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



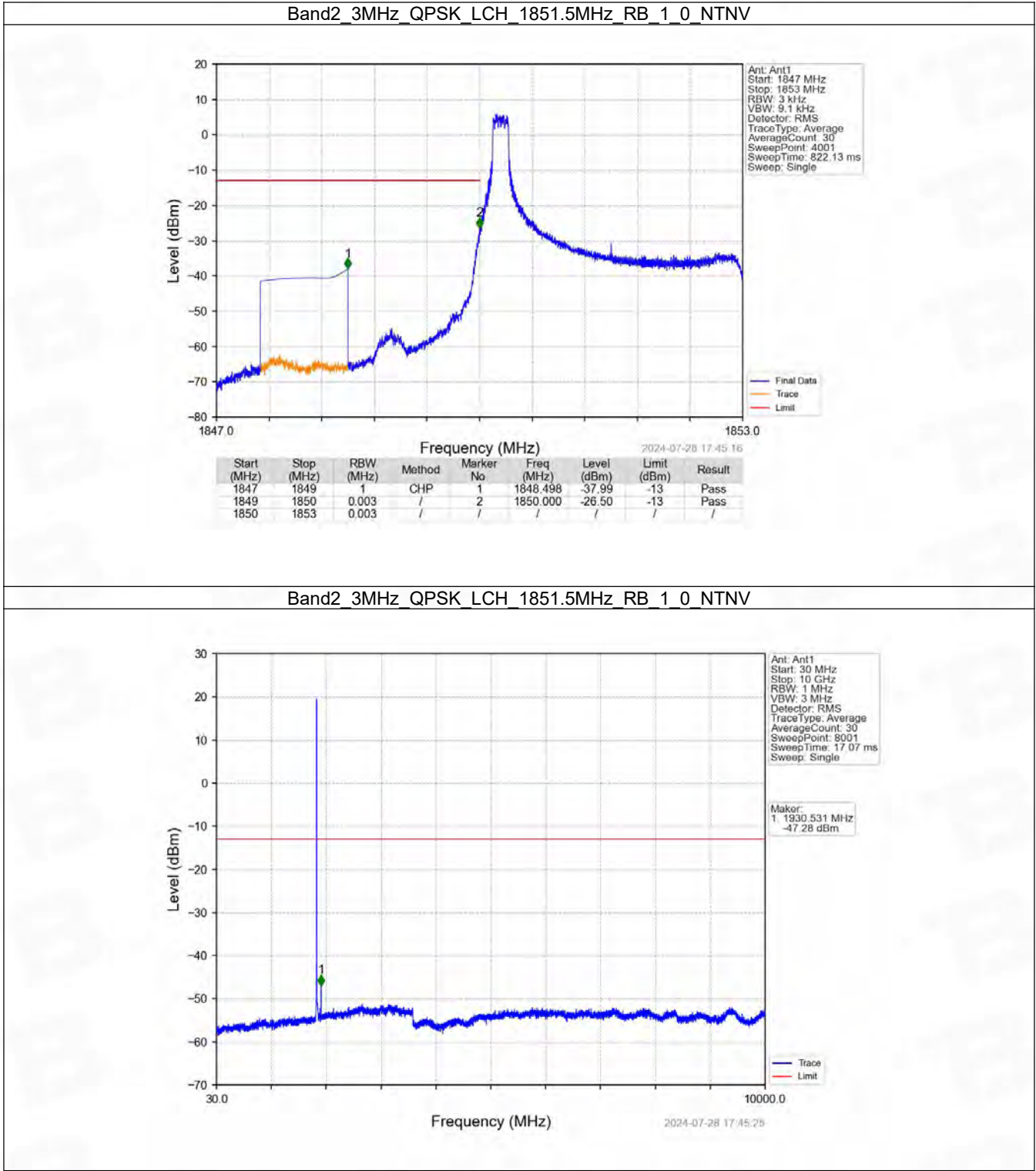
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_1\_5\_NTNV



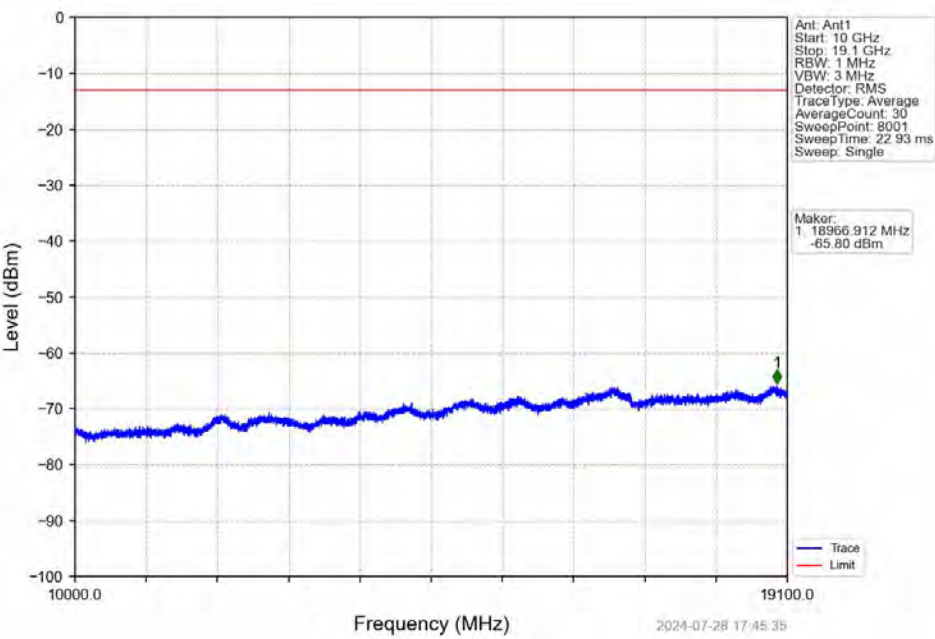
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



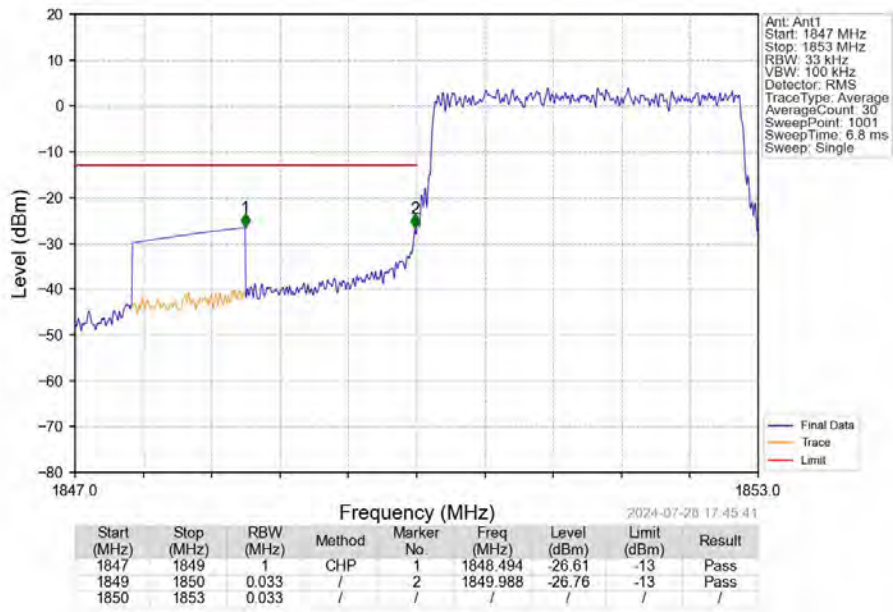
6.2.2 B2\_3MHz



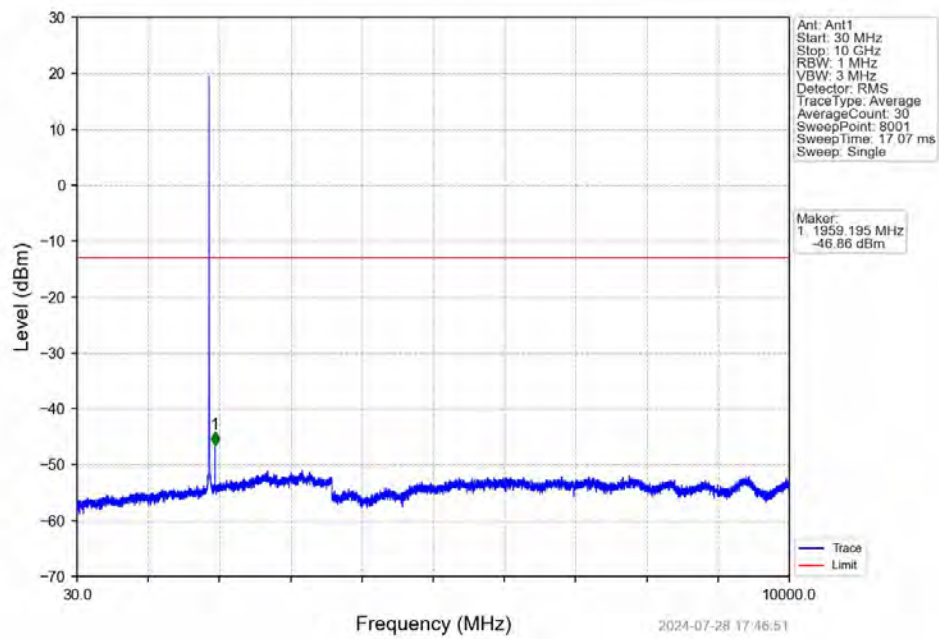
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



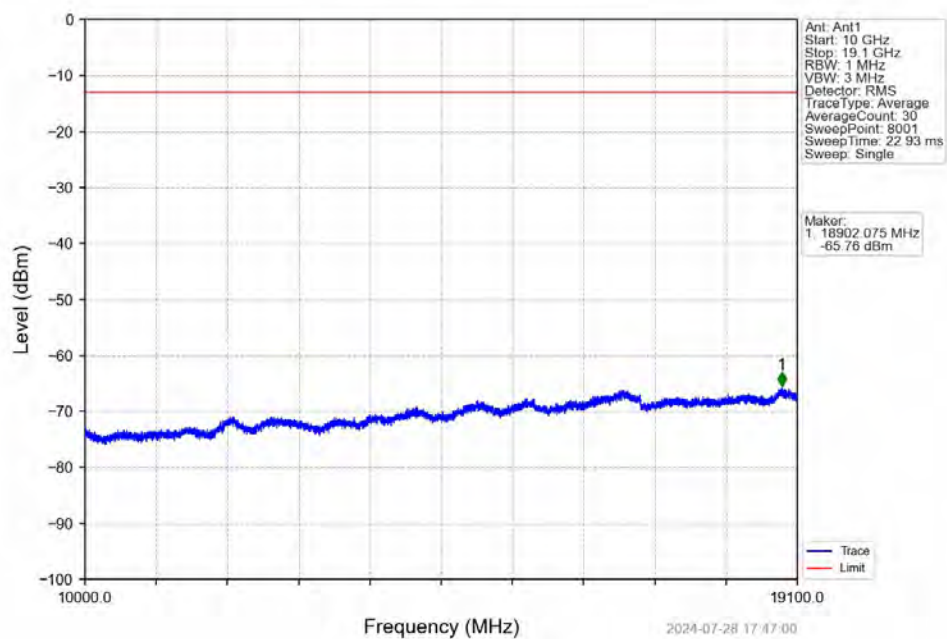
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



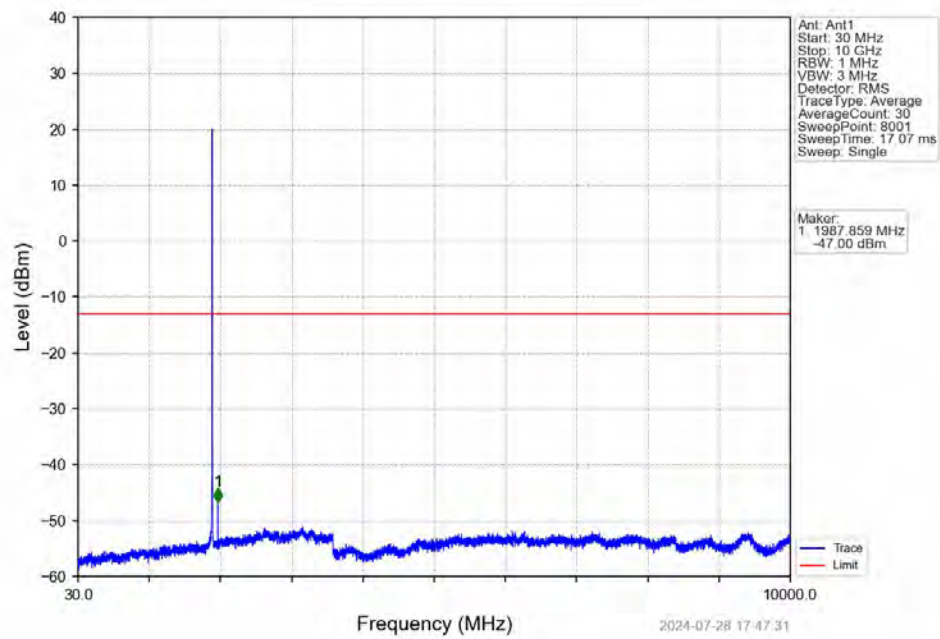
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



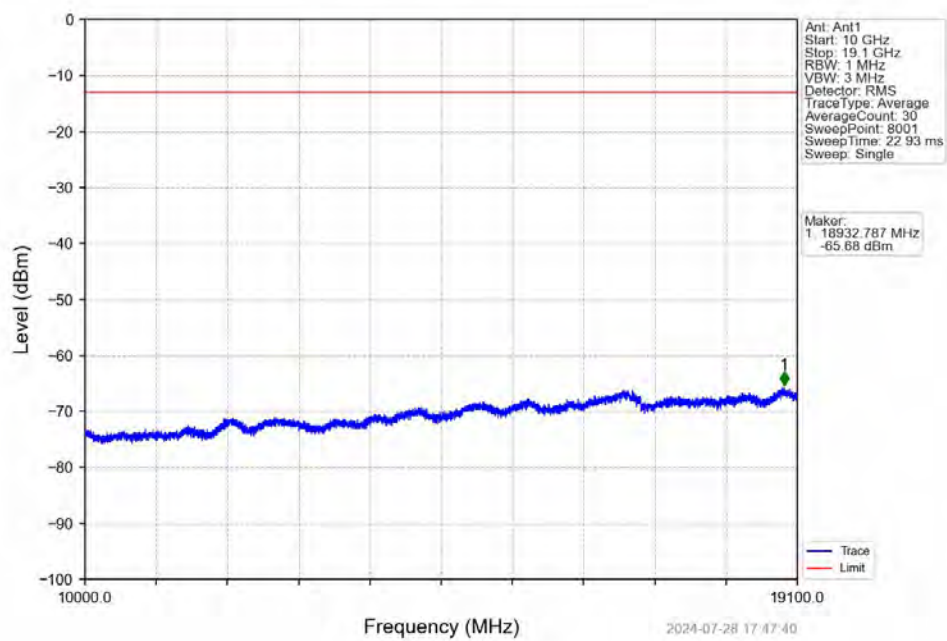
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



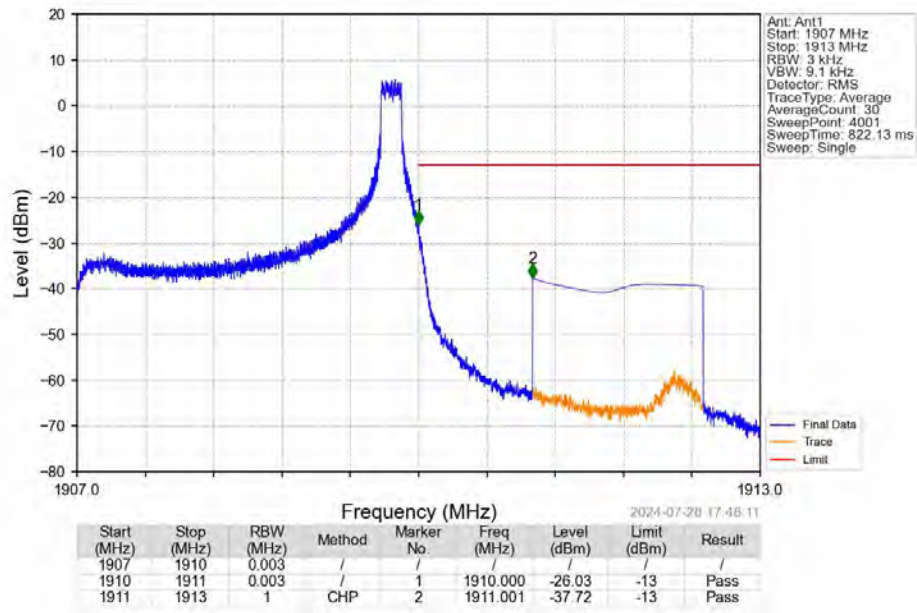
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



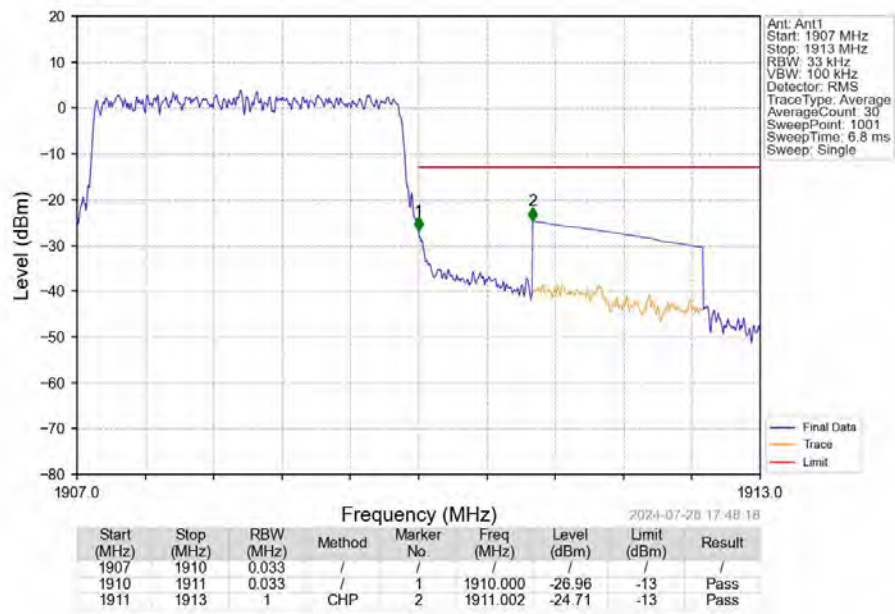
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



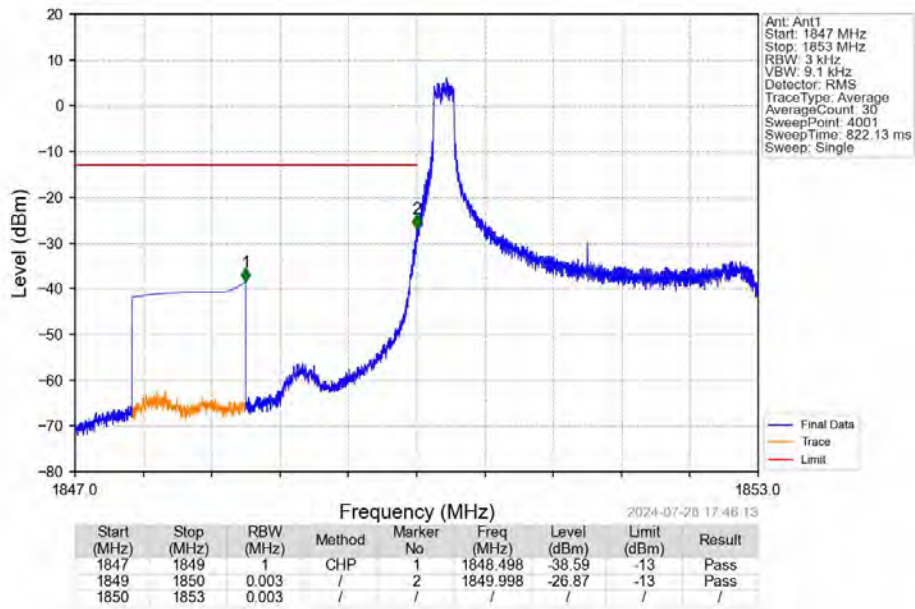
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_14\_NTNV



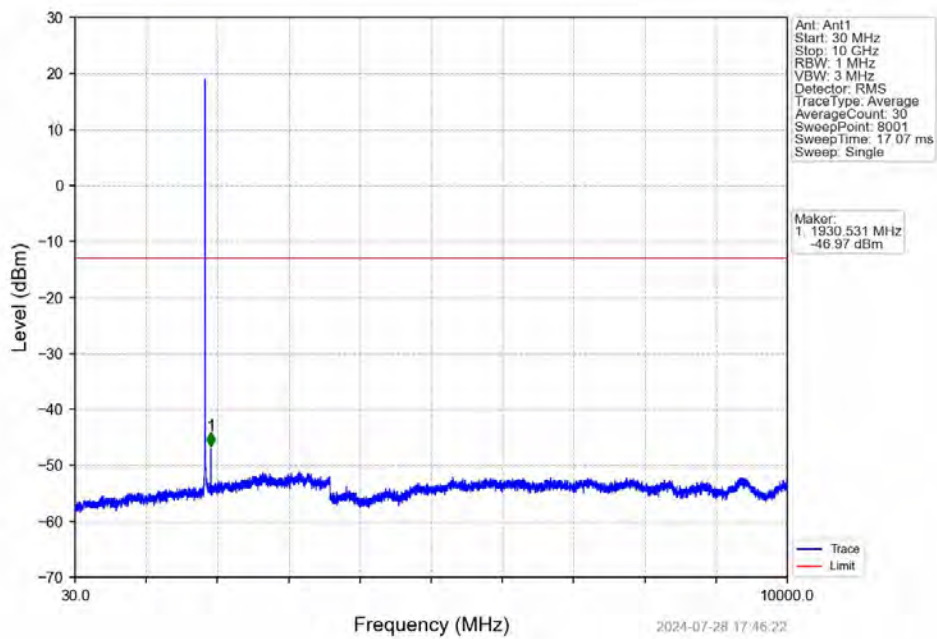
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



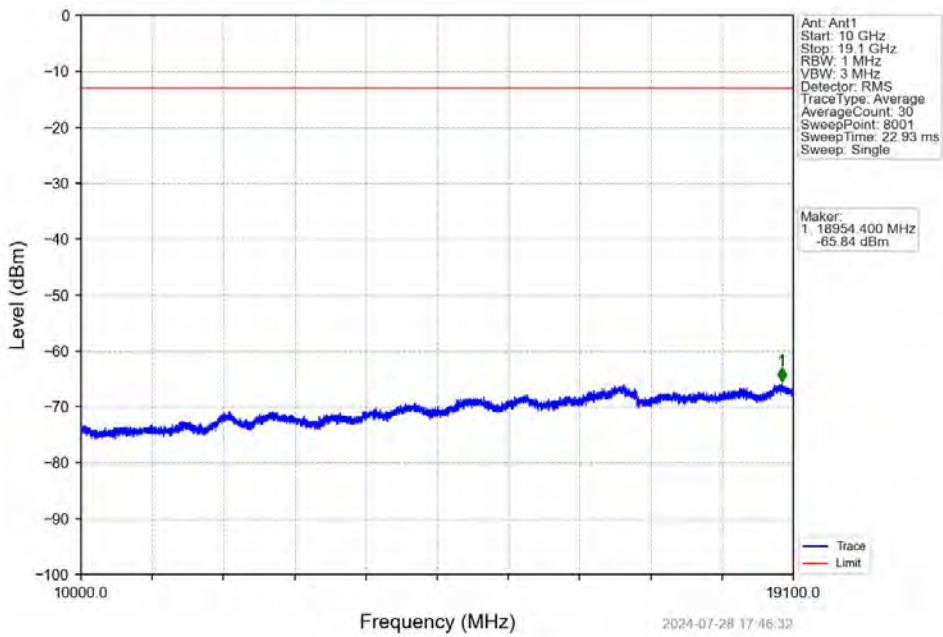
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



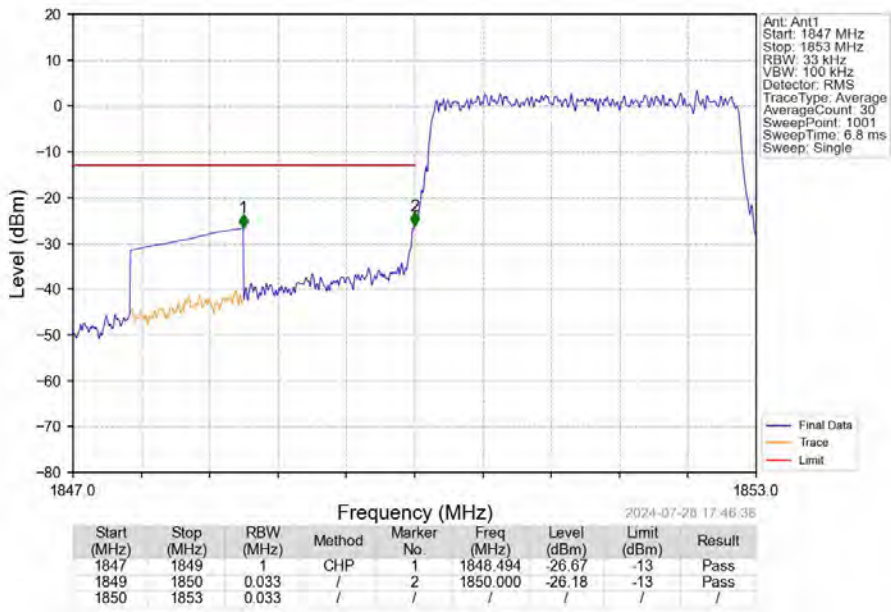
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



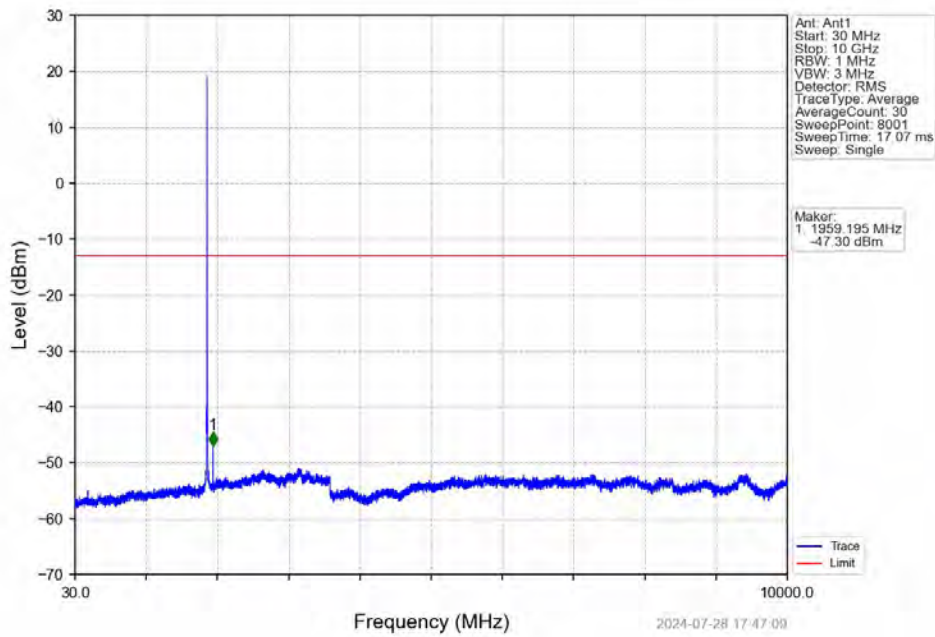
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



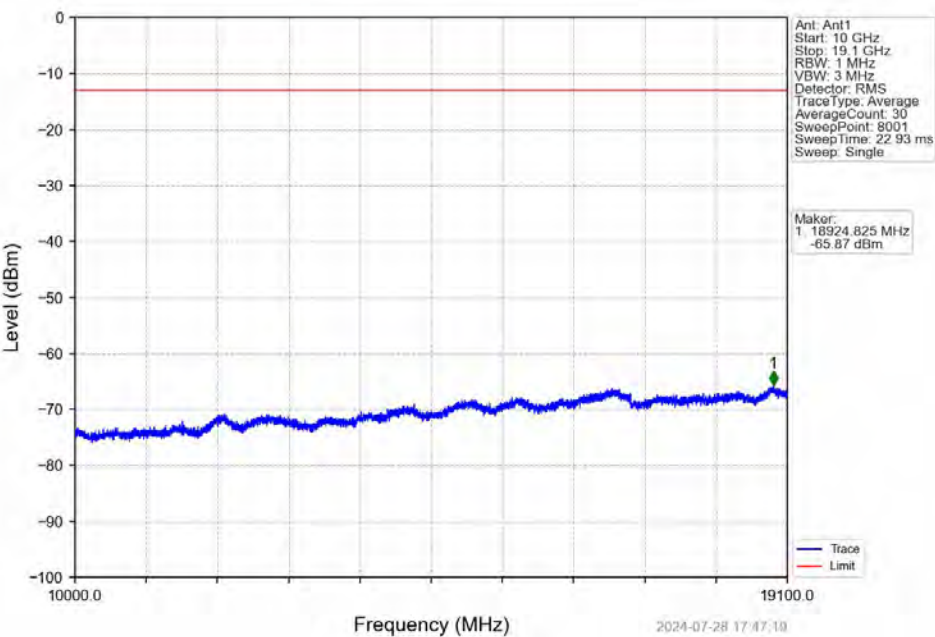
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



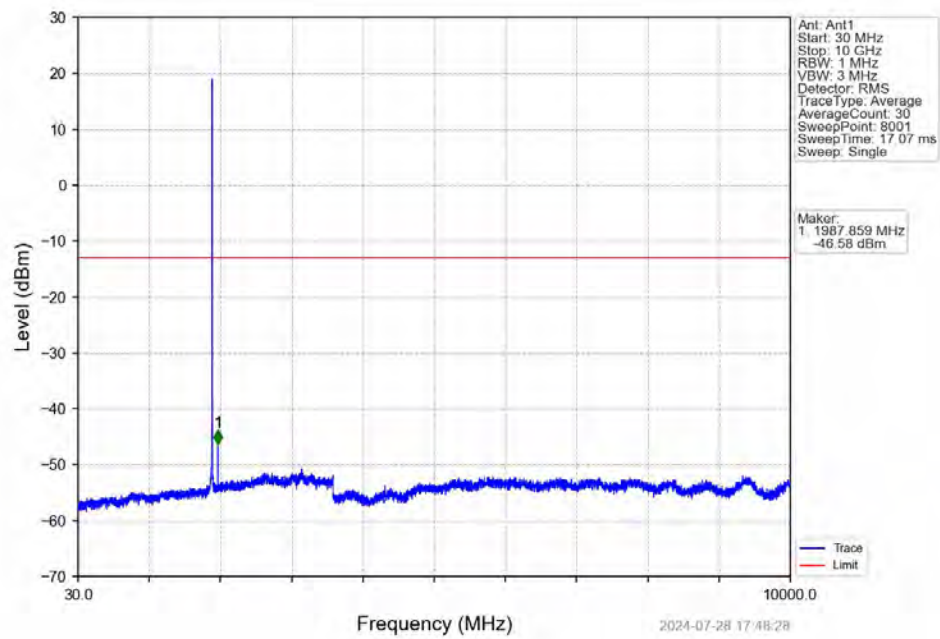
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



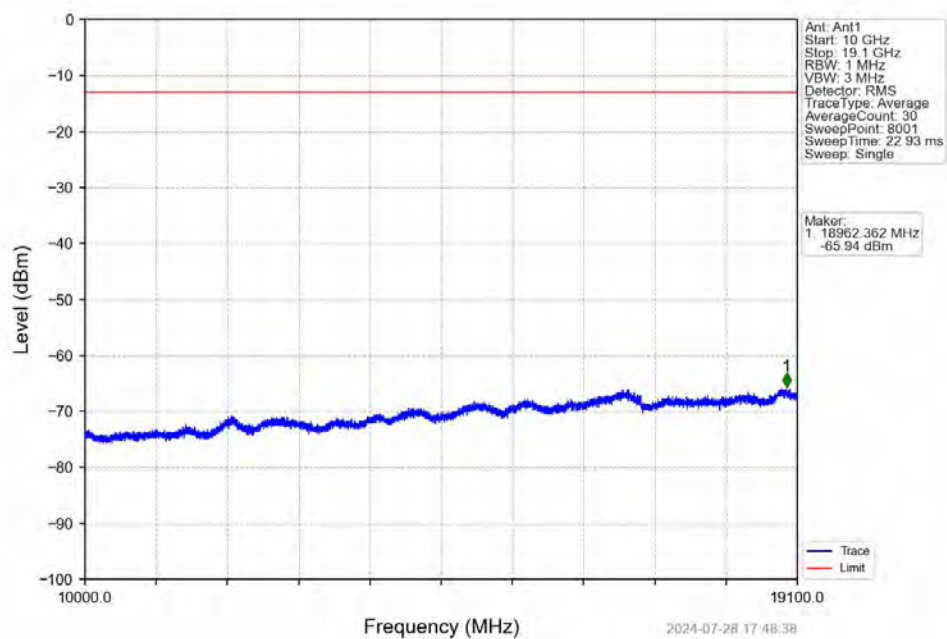
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



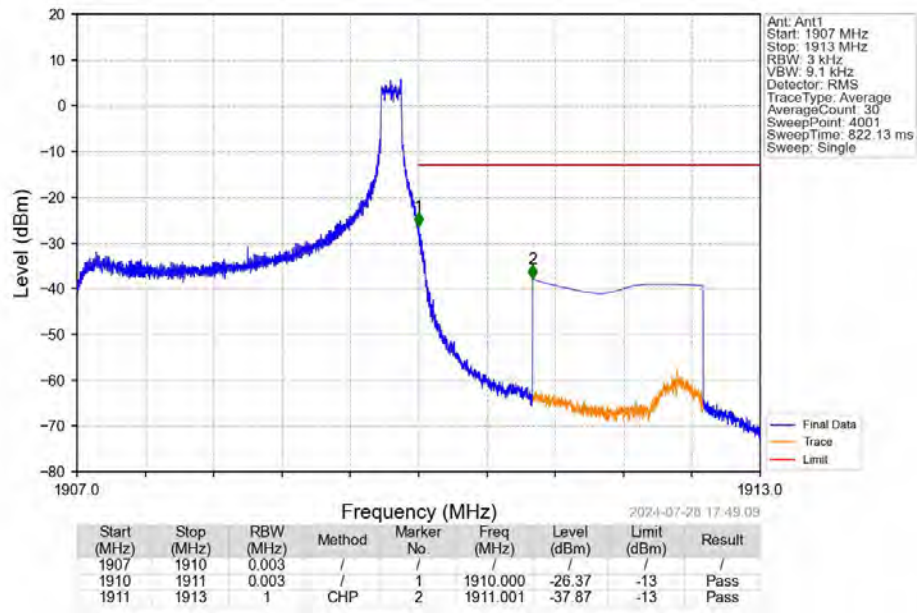
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



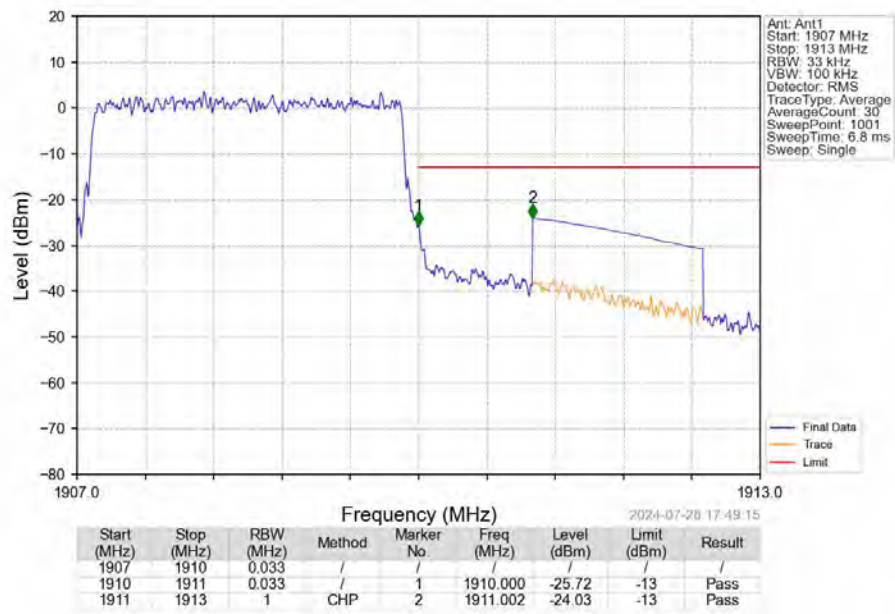
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



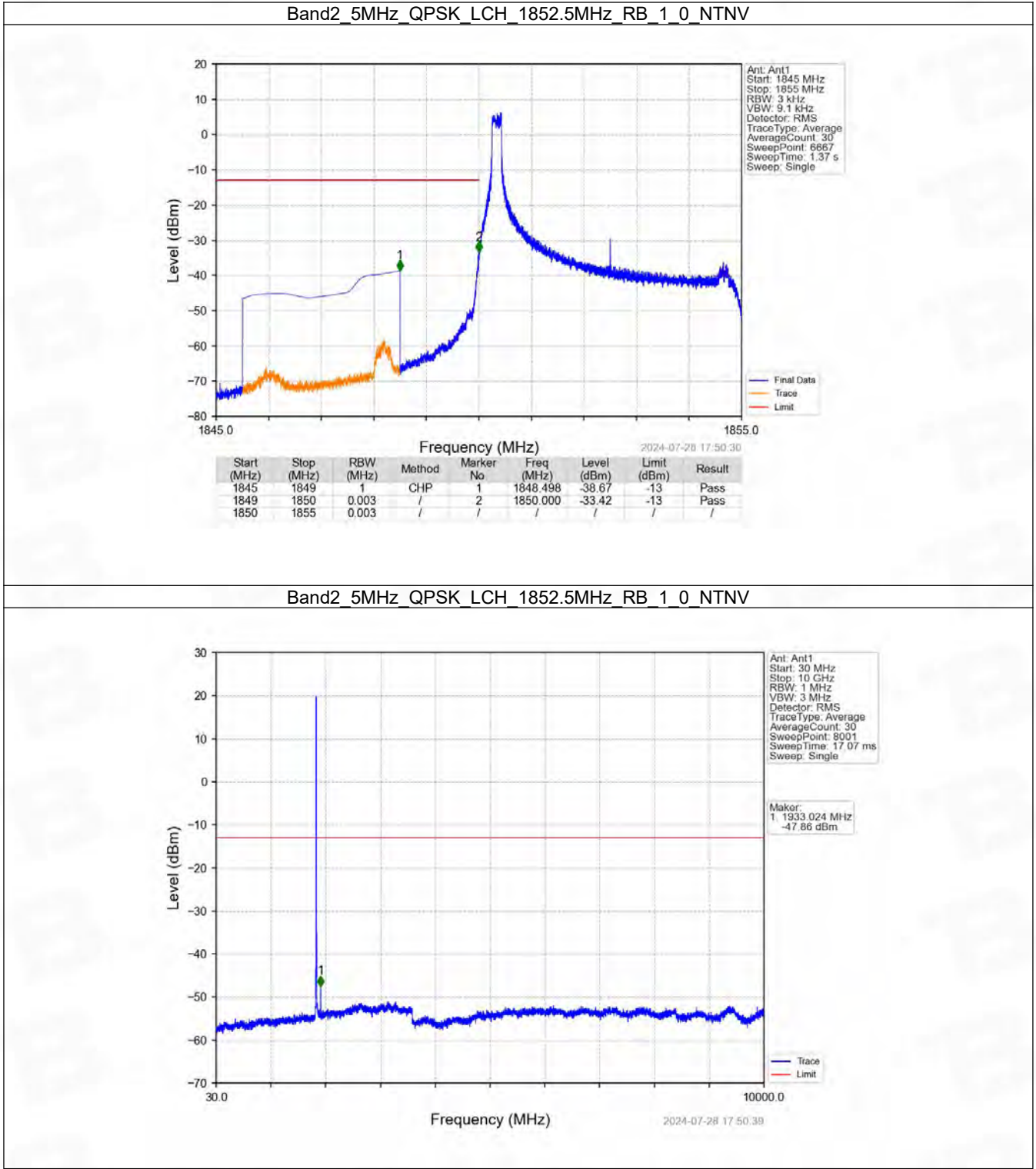
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_1\_14\_NTNV



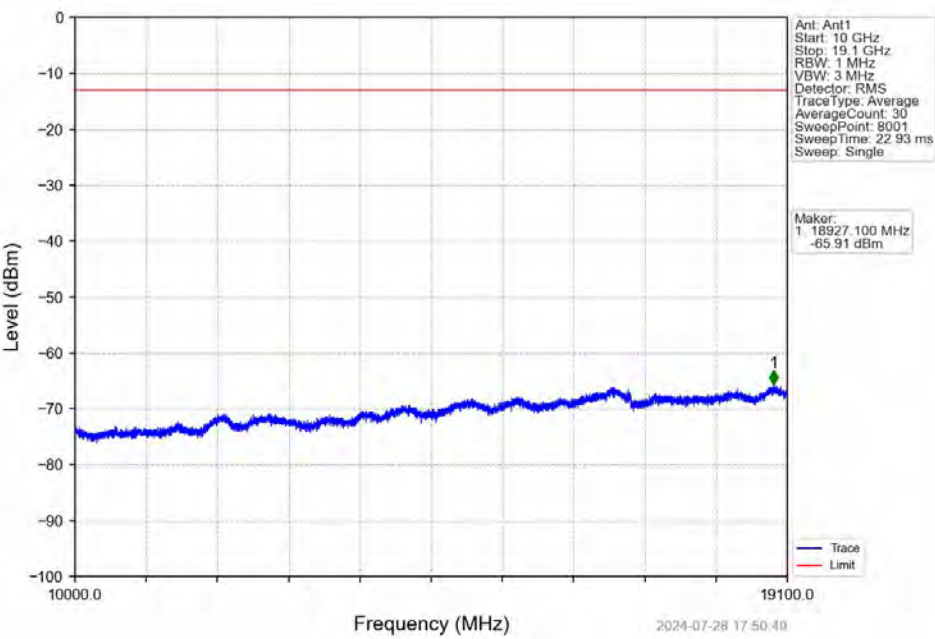
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



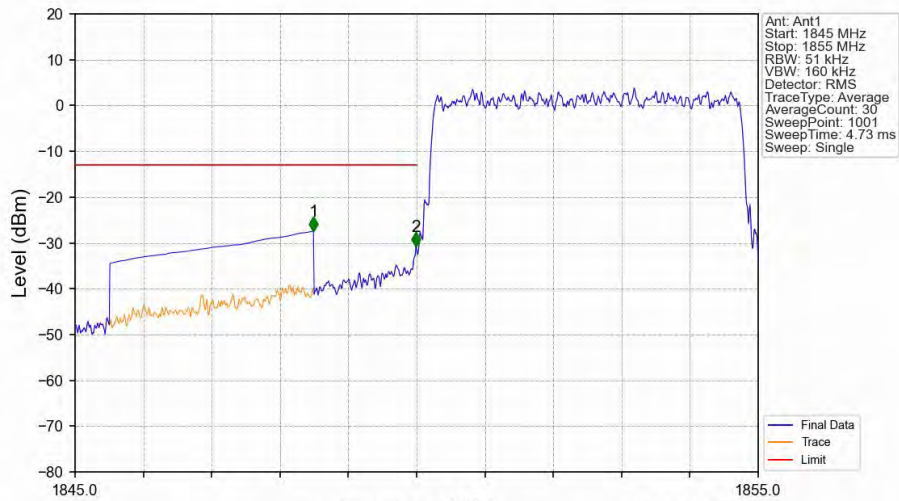
6.2.3 B2\_5MHz



Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV

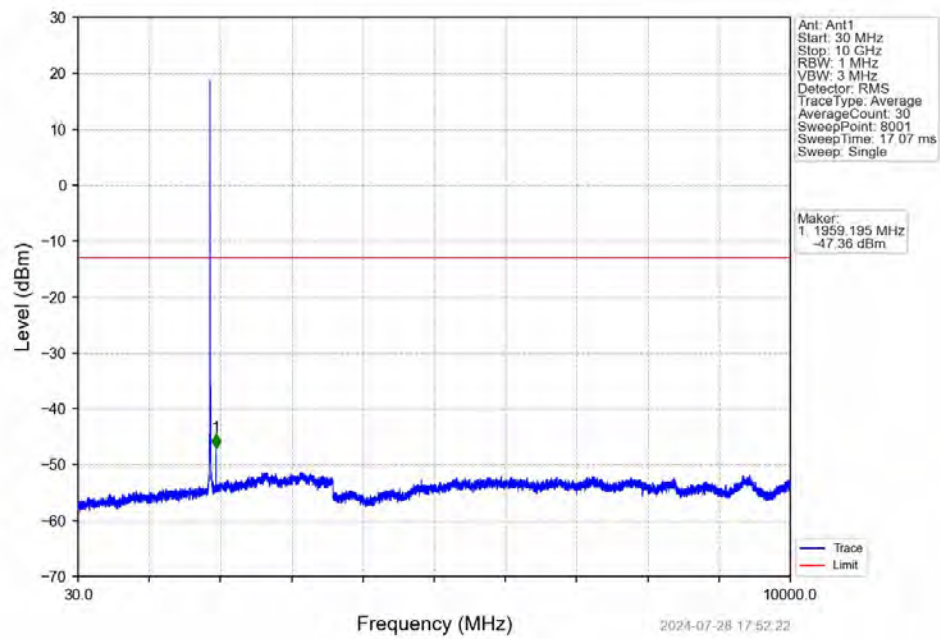


Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

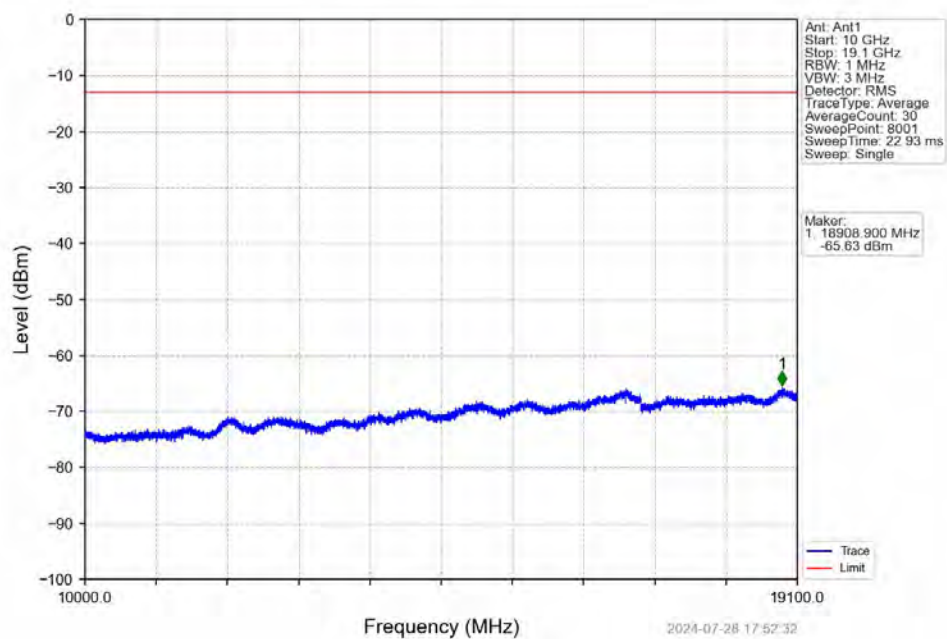


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1848.490   | -27.43      | -13         | Pass   |
| 1849        | 1850       | 0.051     | /      | 2          | 1849.990   | -30.79      | -13         | Pass   |
| 1850        | 1855       | 0.051     | /      | /          | /          | /           | /           | /      |

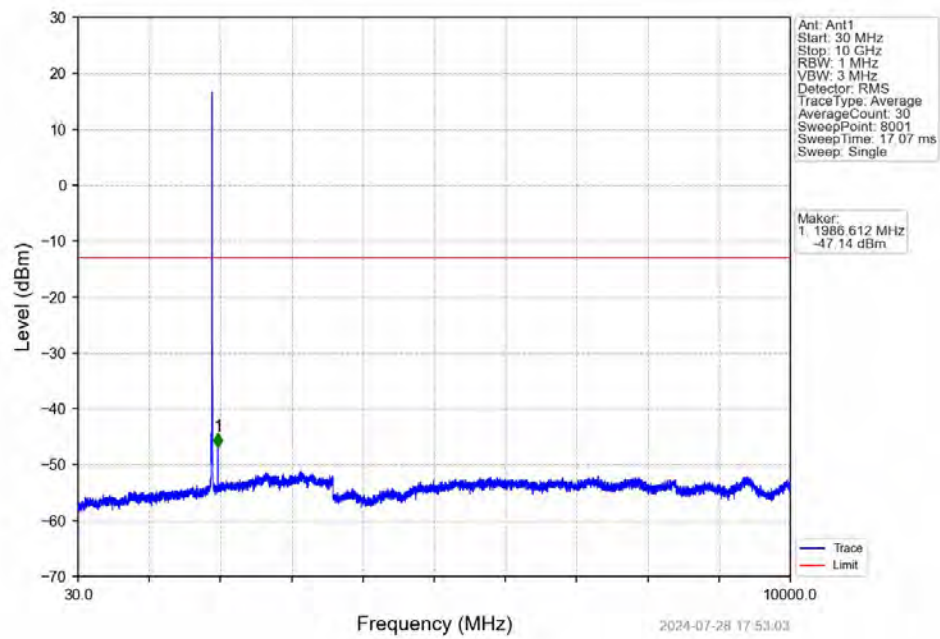
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



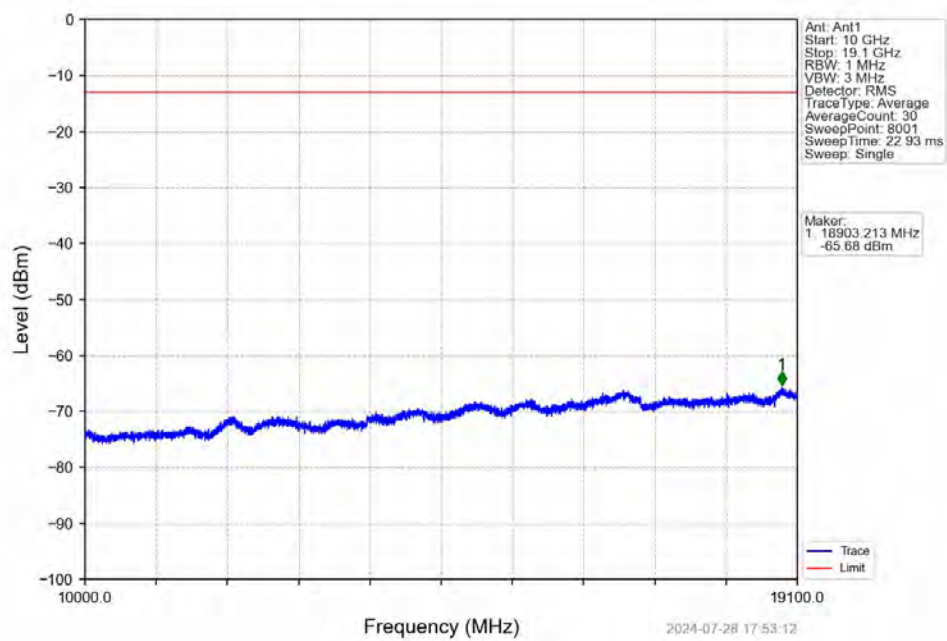
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



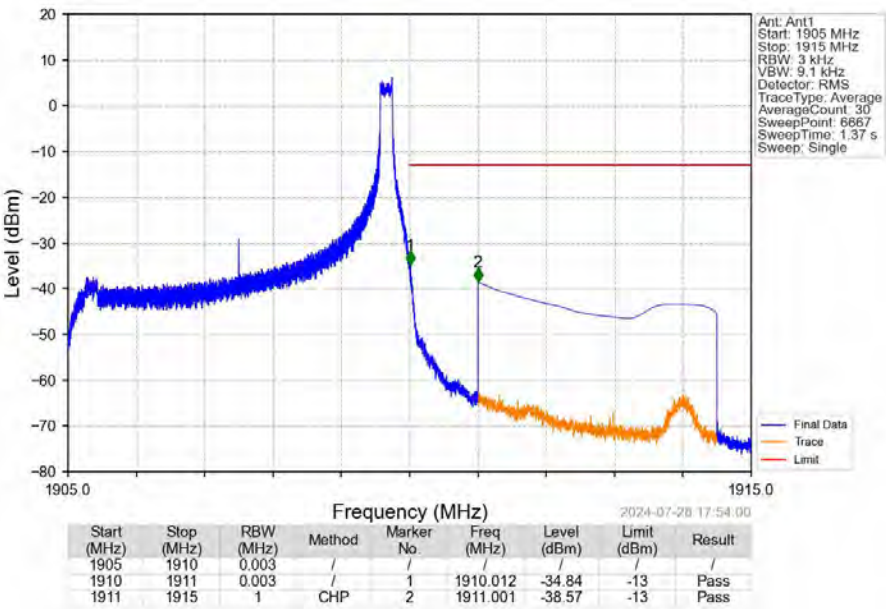
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



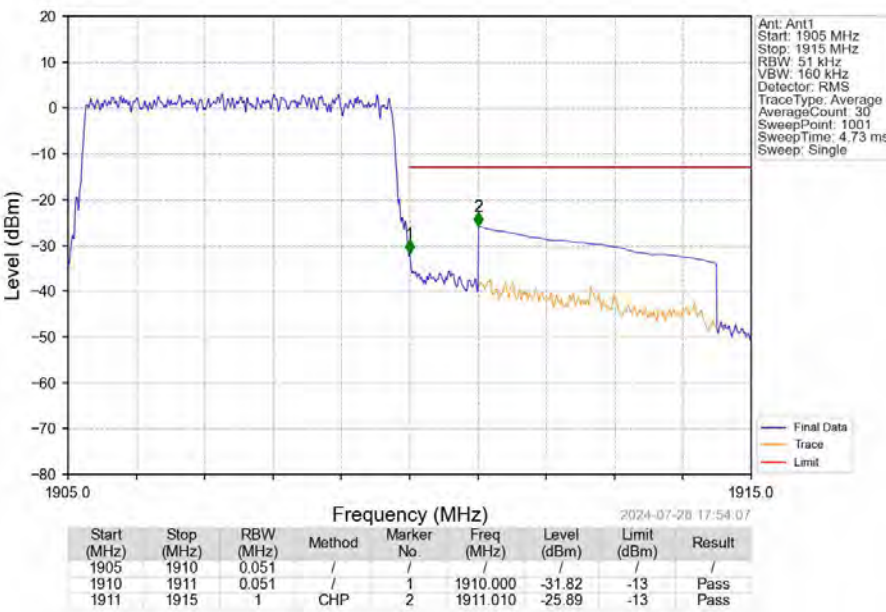
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



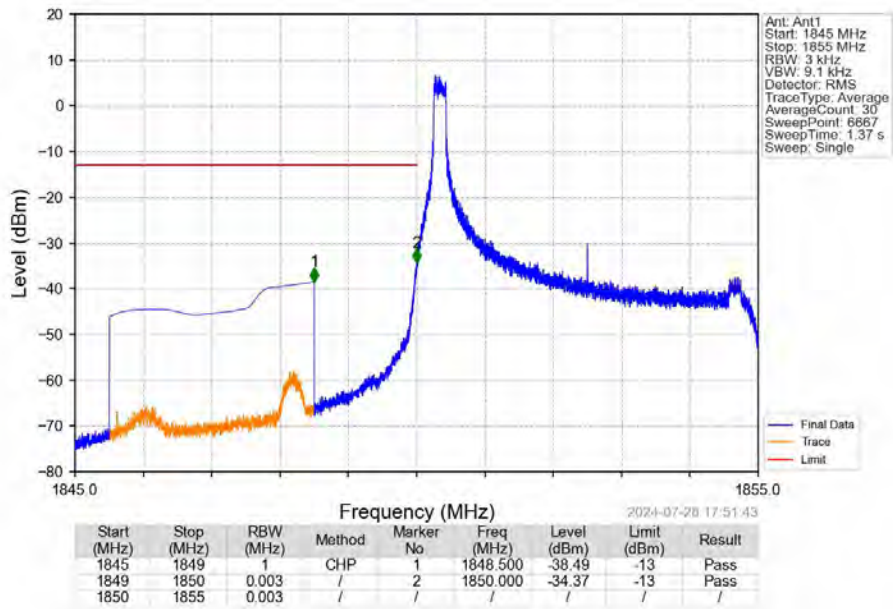
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_24\_NTNV



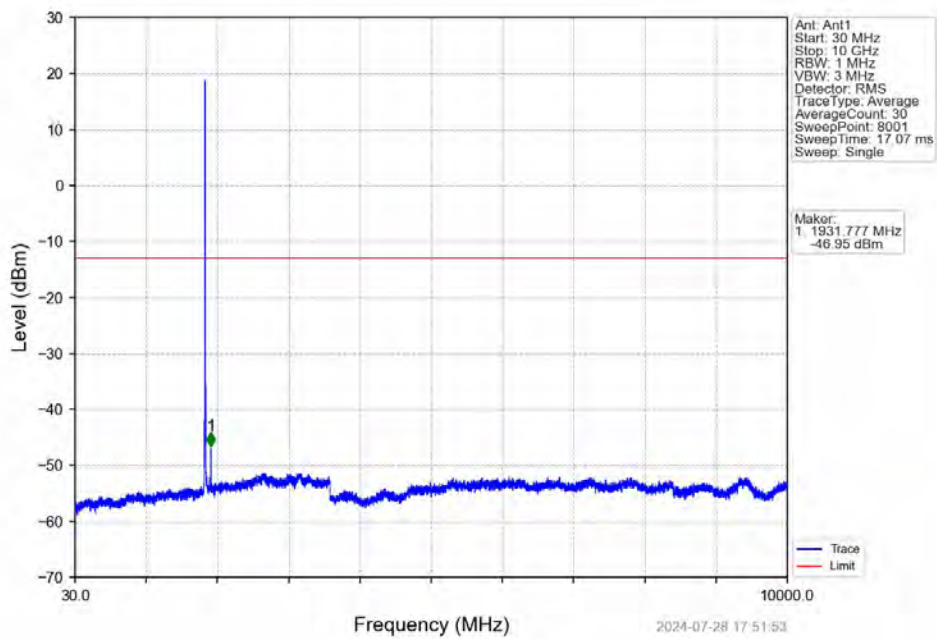
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



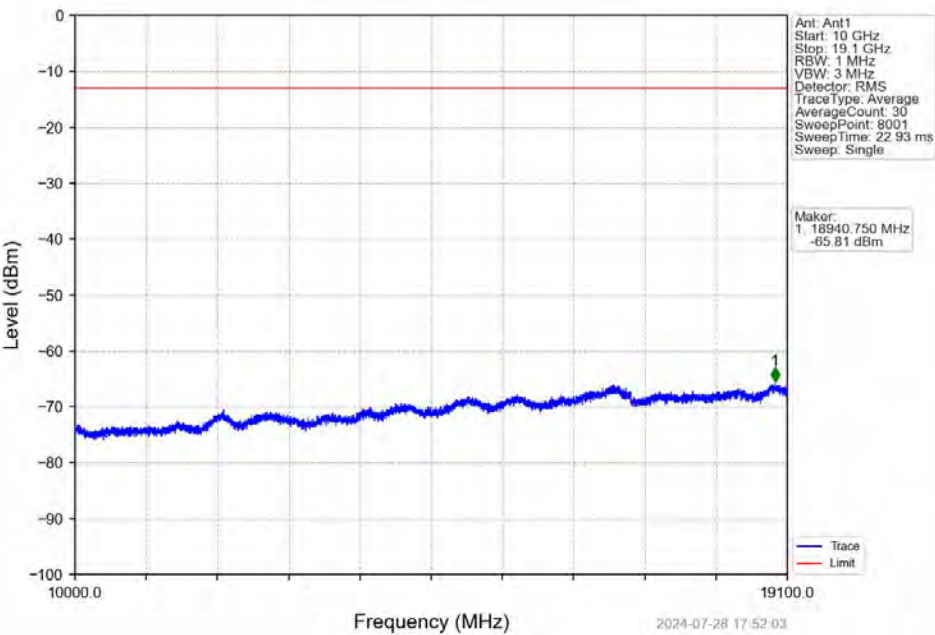
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



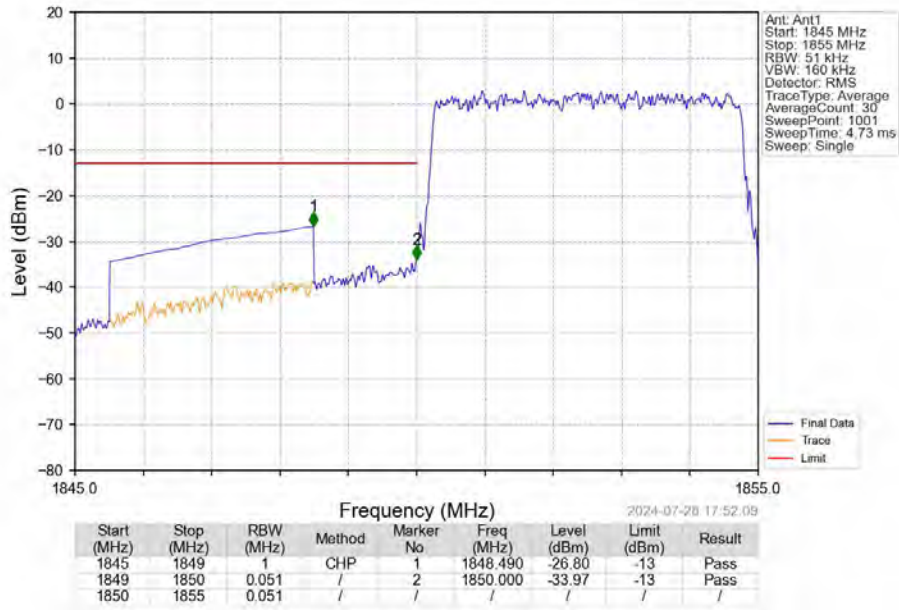
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



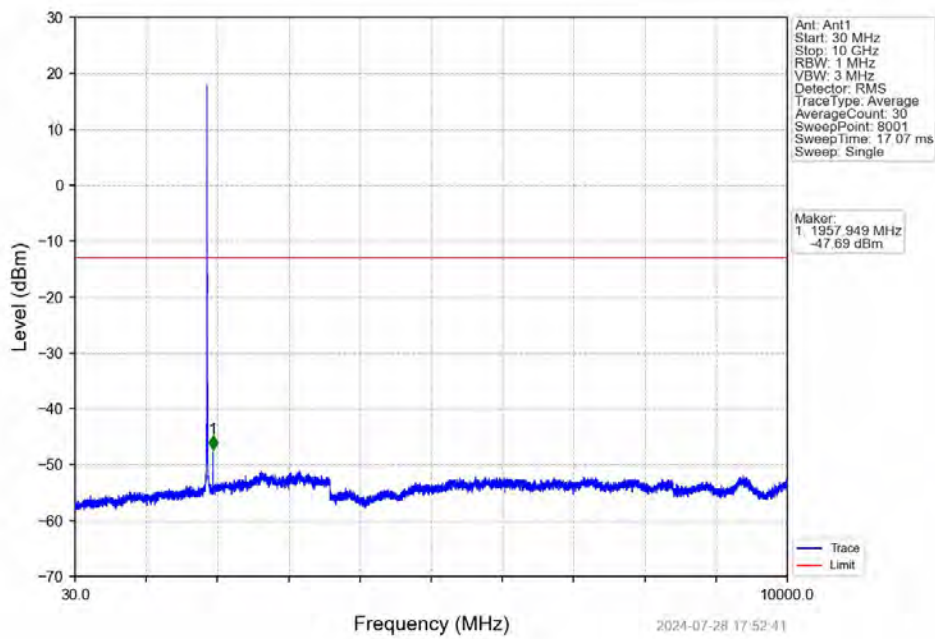
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



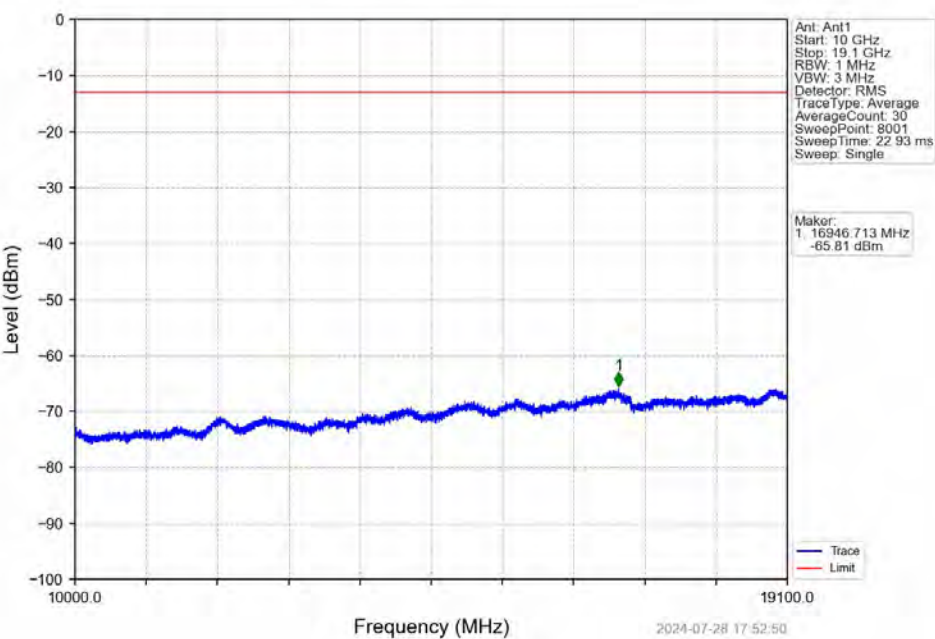
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



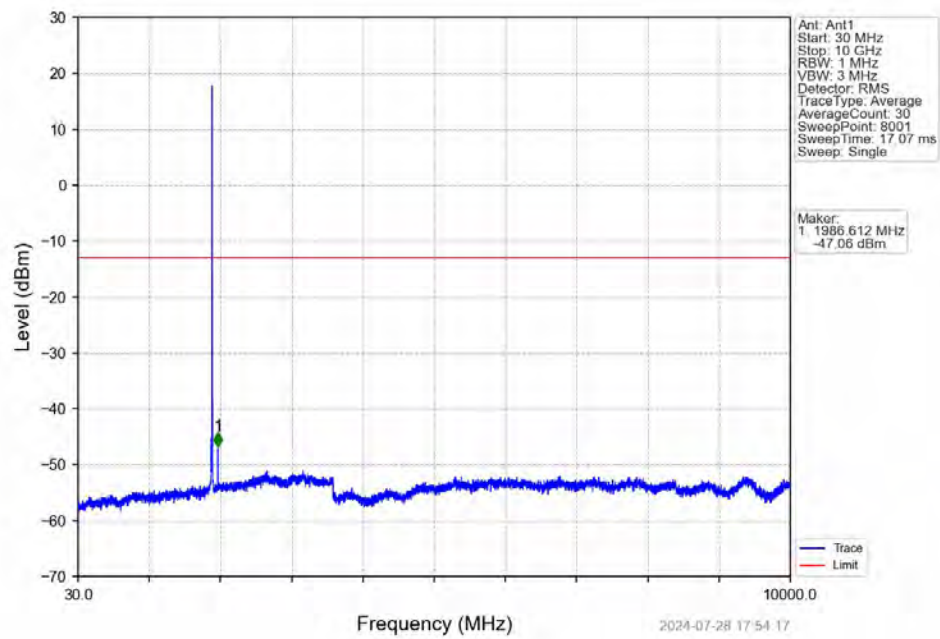
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



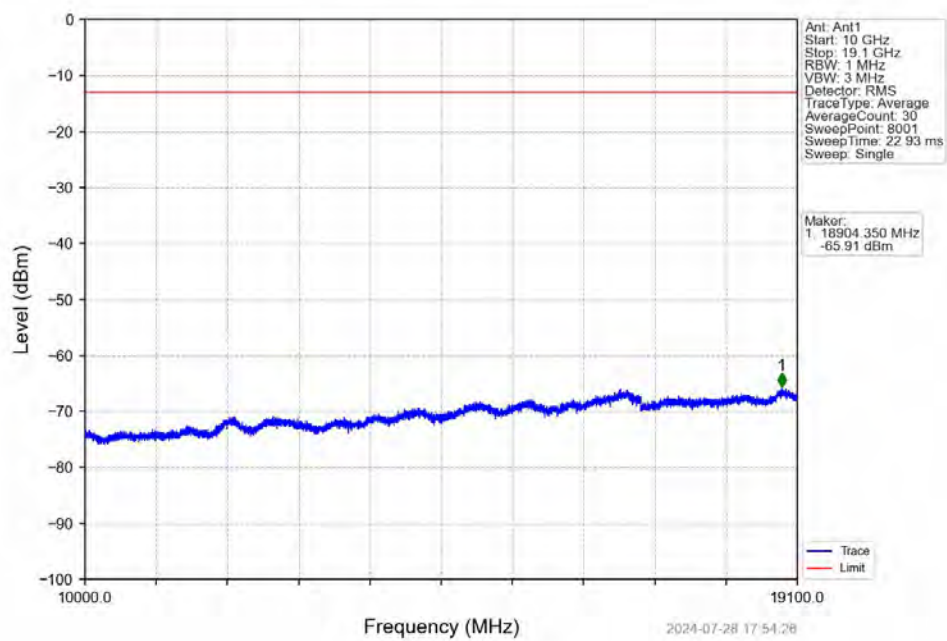
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



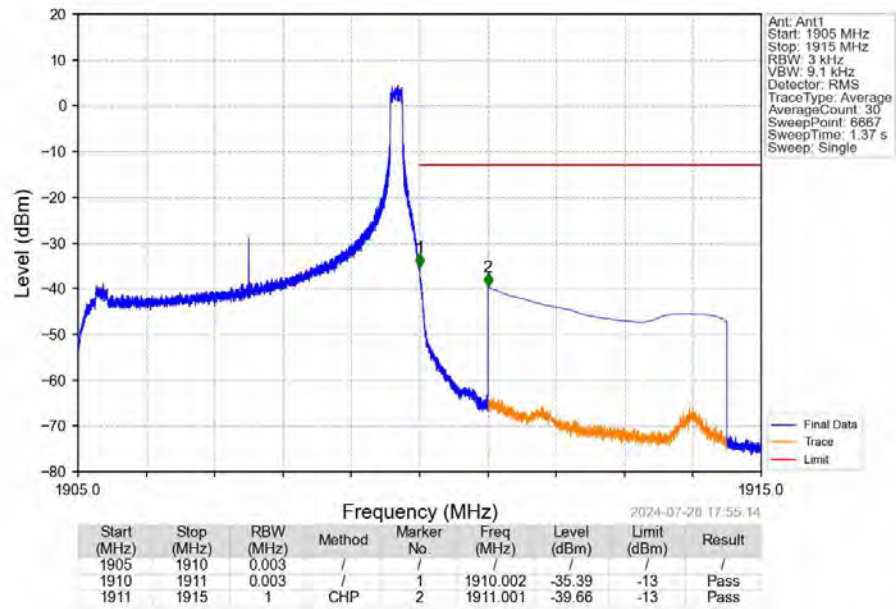
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



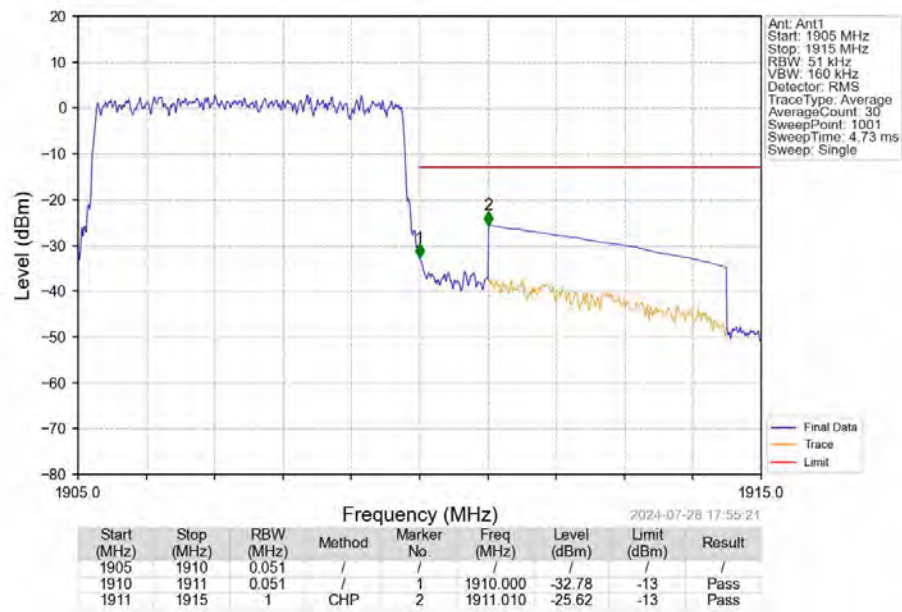
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



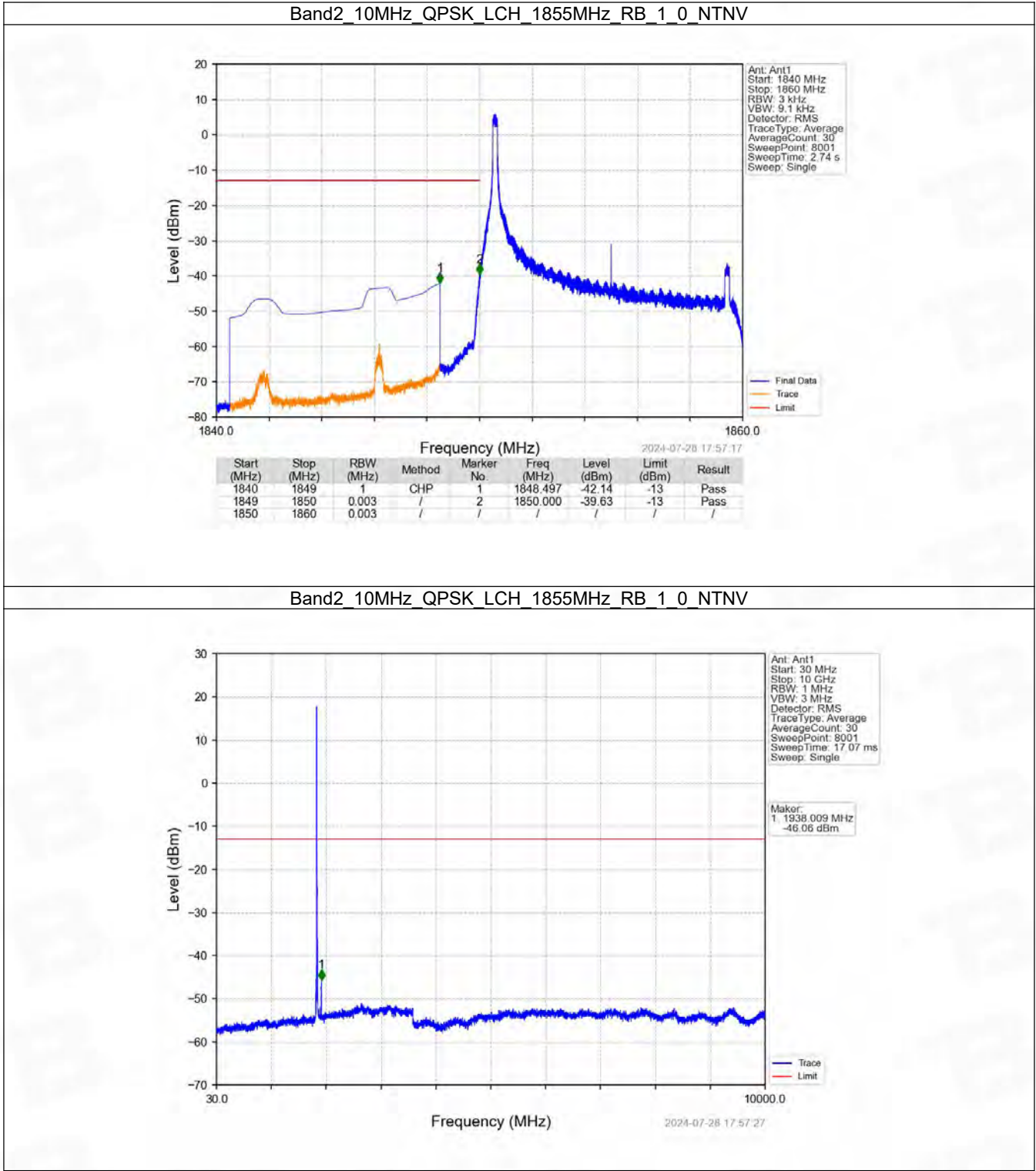
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_24\_NTNV



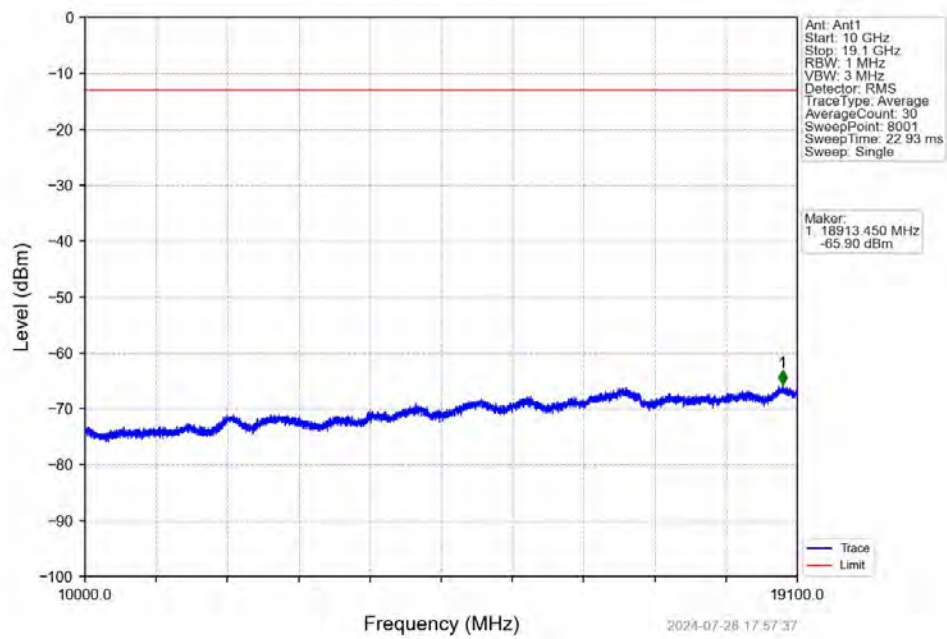
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



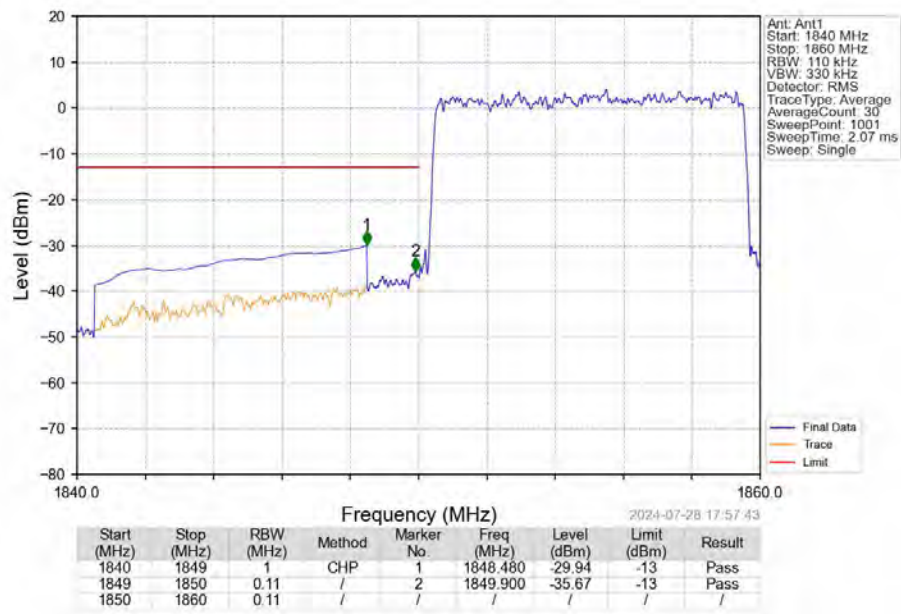
6.2.4 B2\_10MHz



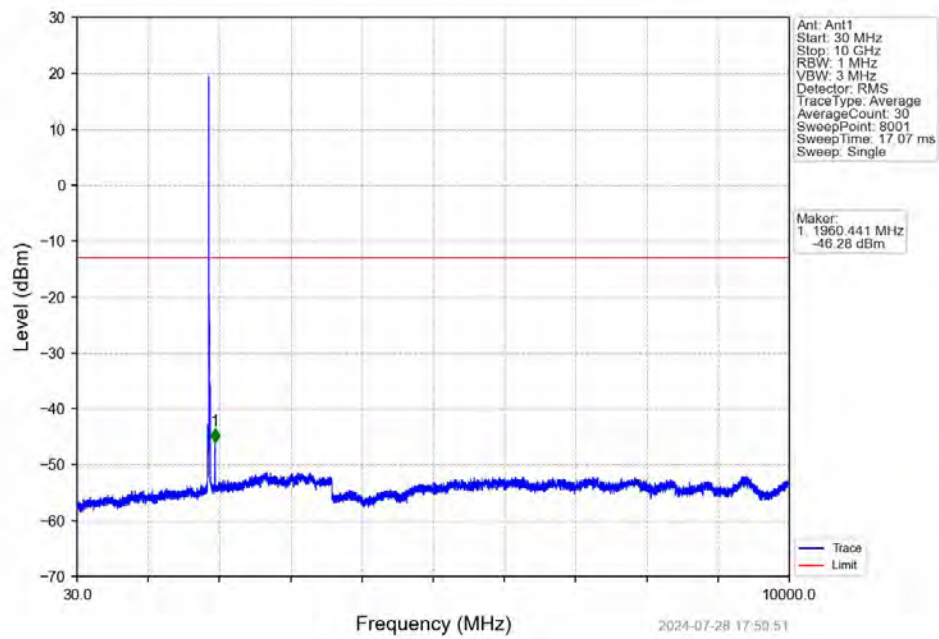
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_1\_0\_NTNV



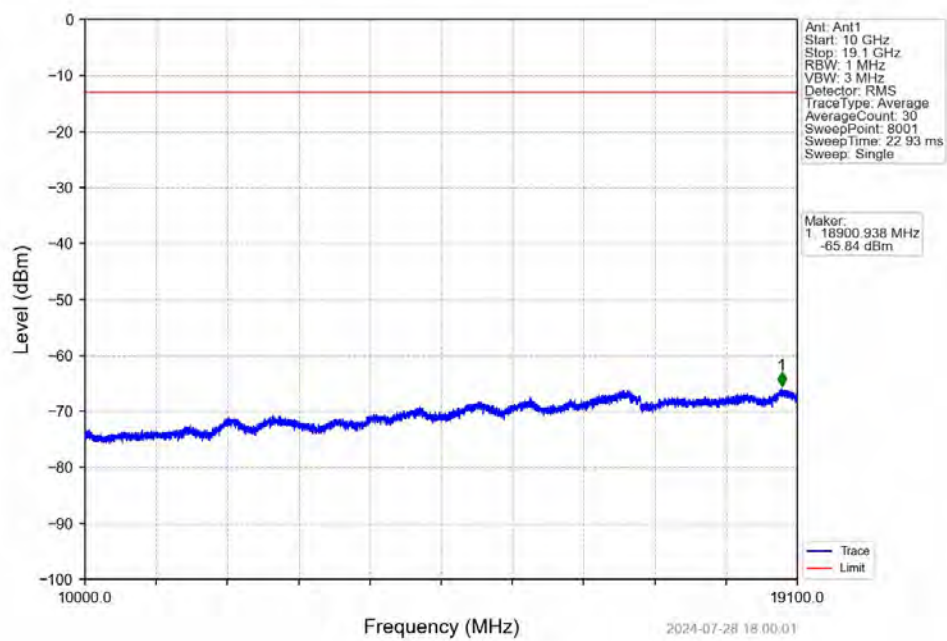
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



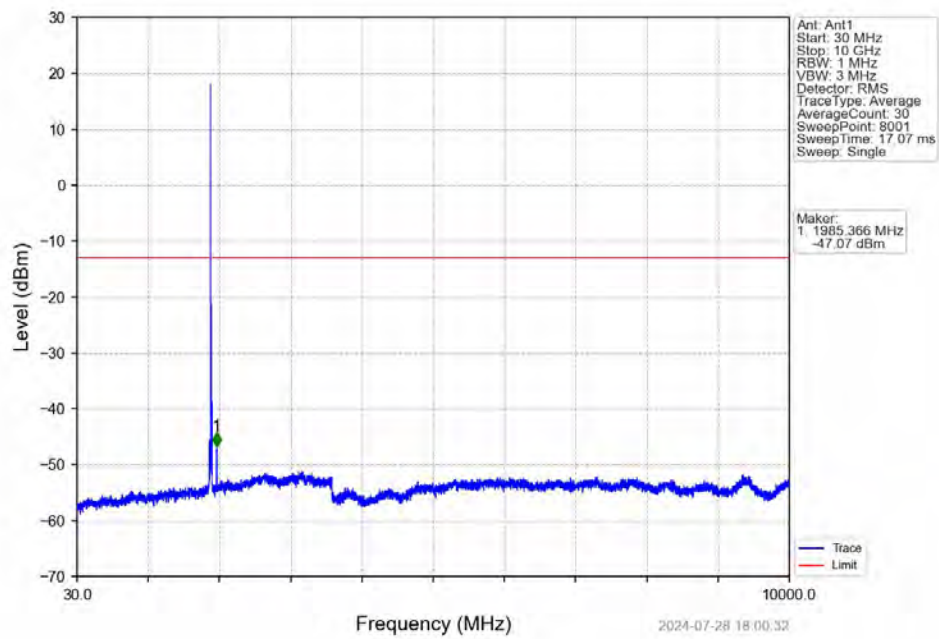
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



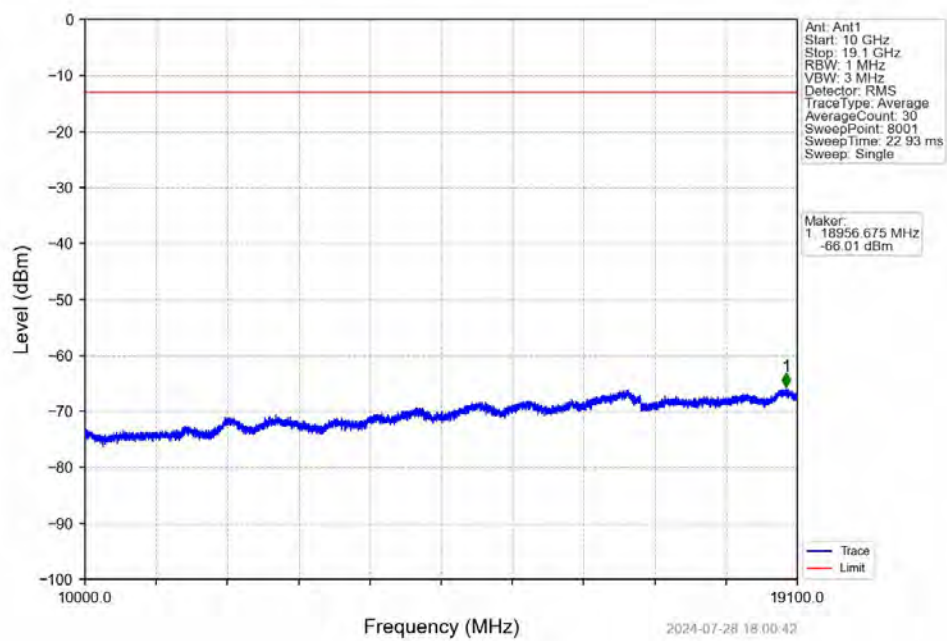
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



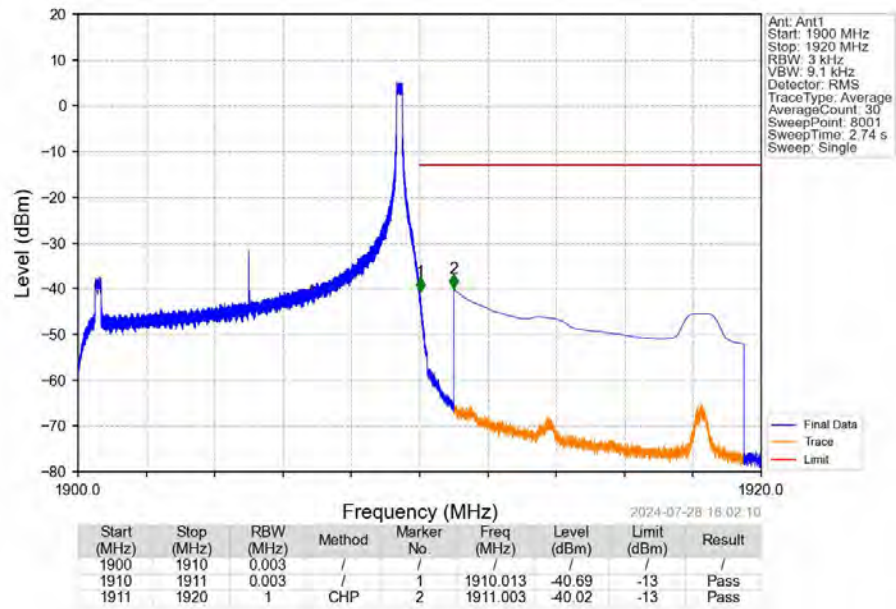
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



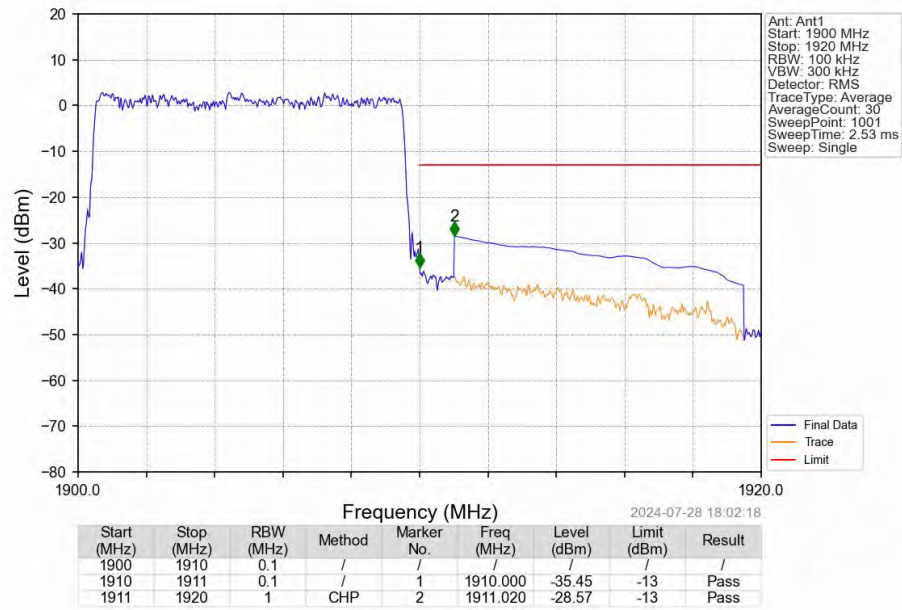
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



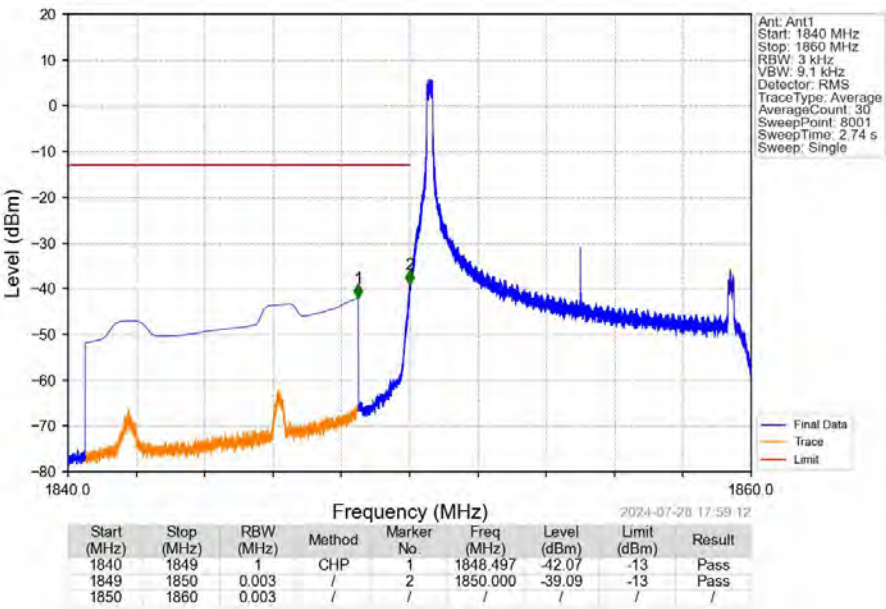
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_49\_NTNV



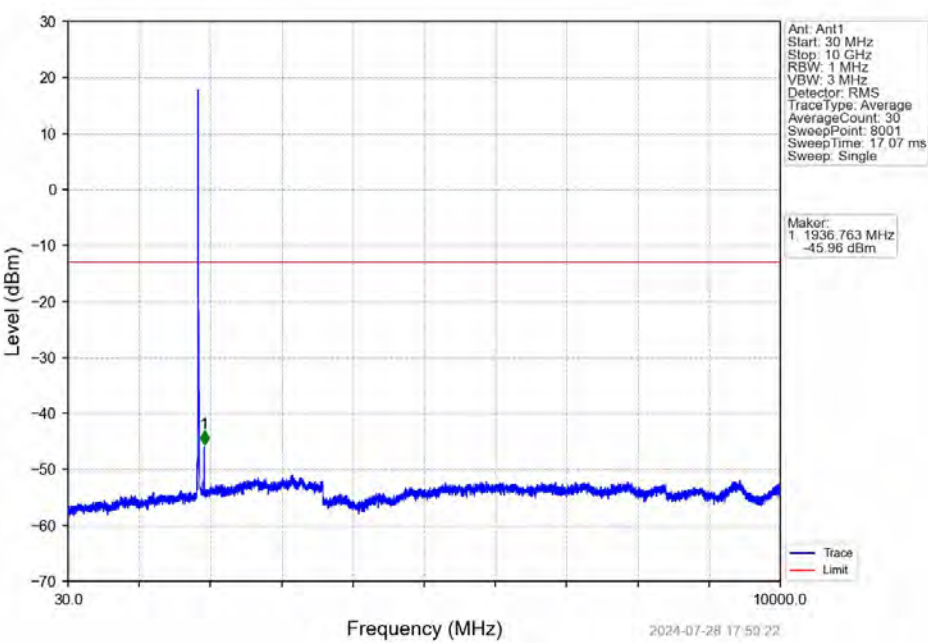
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



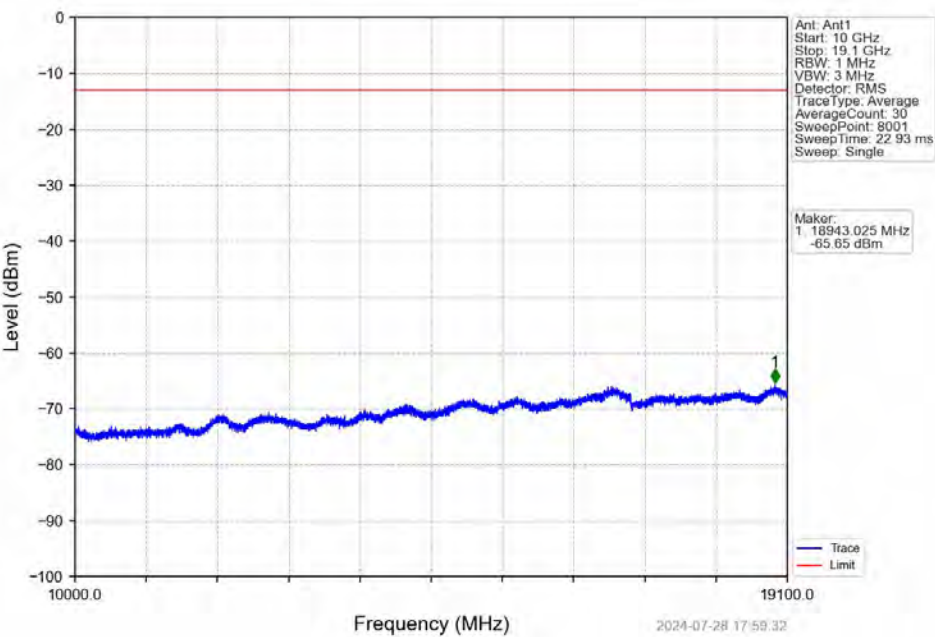
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



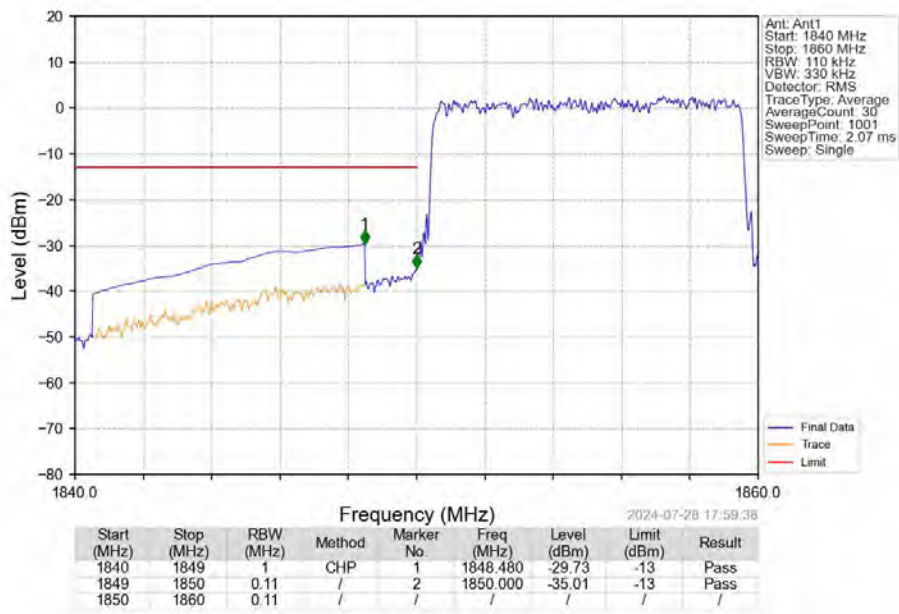
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



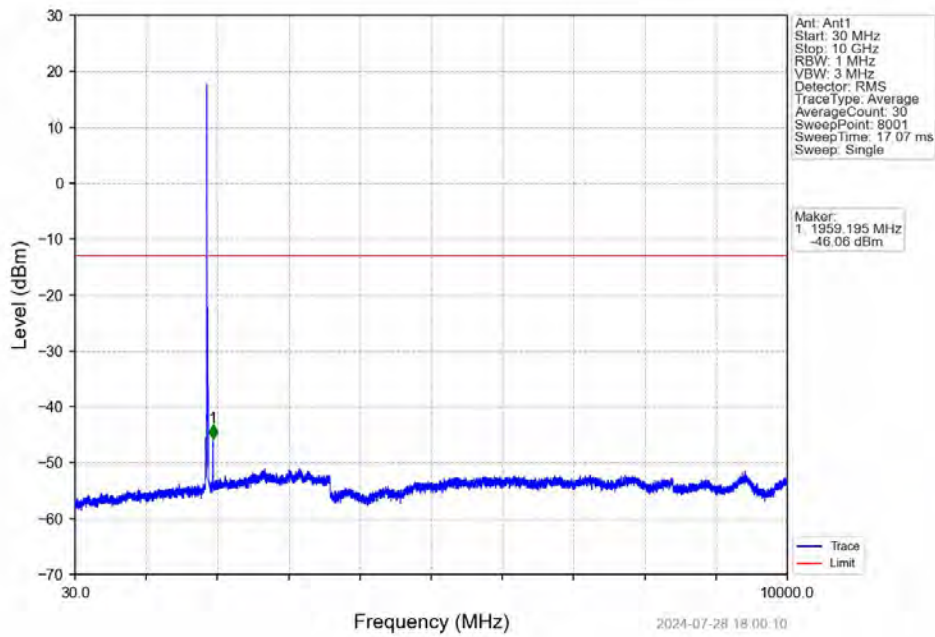
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



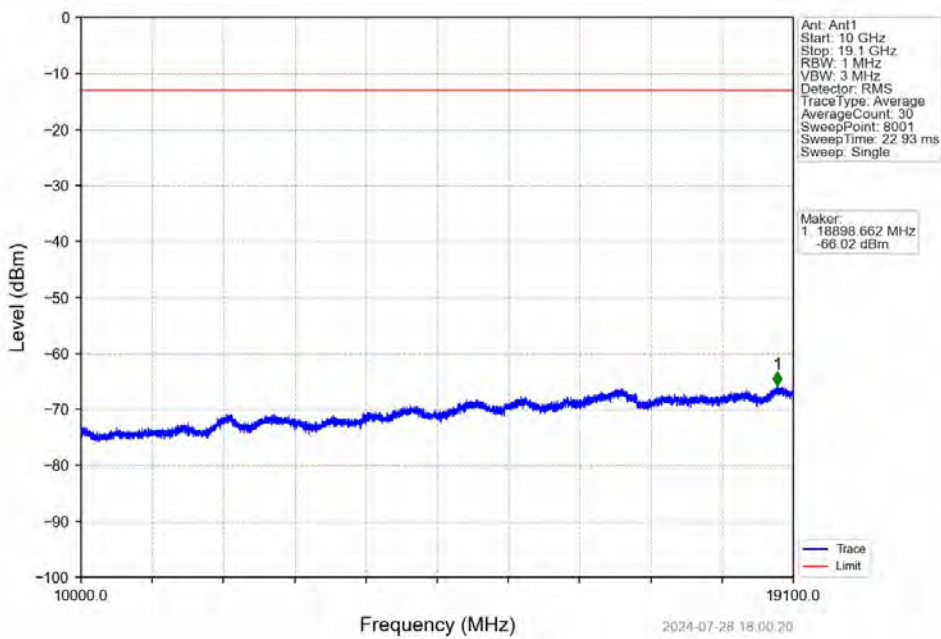
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



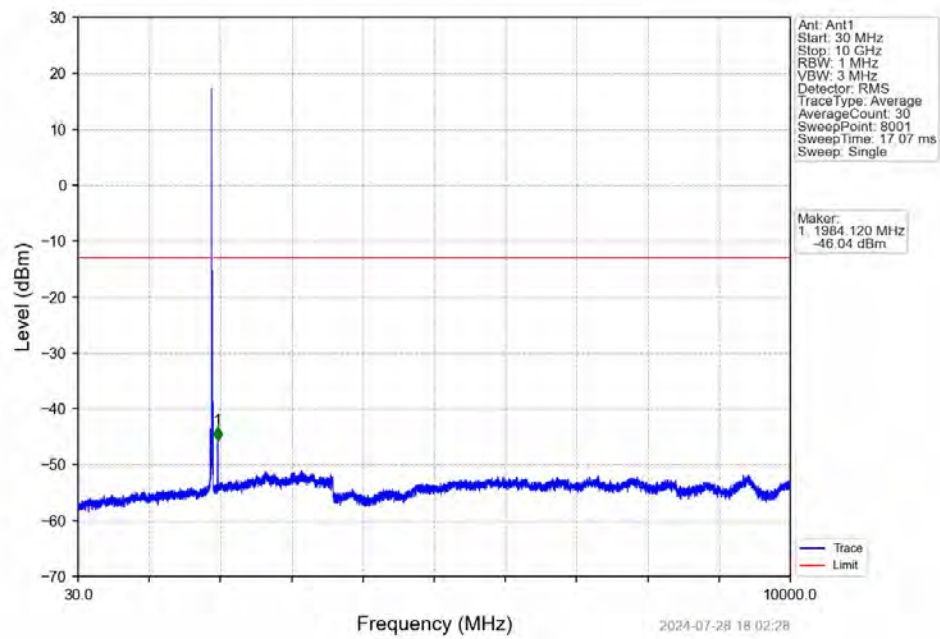
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



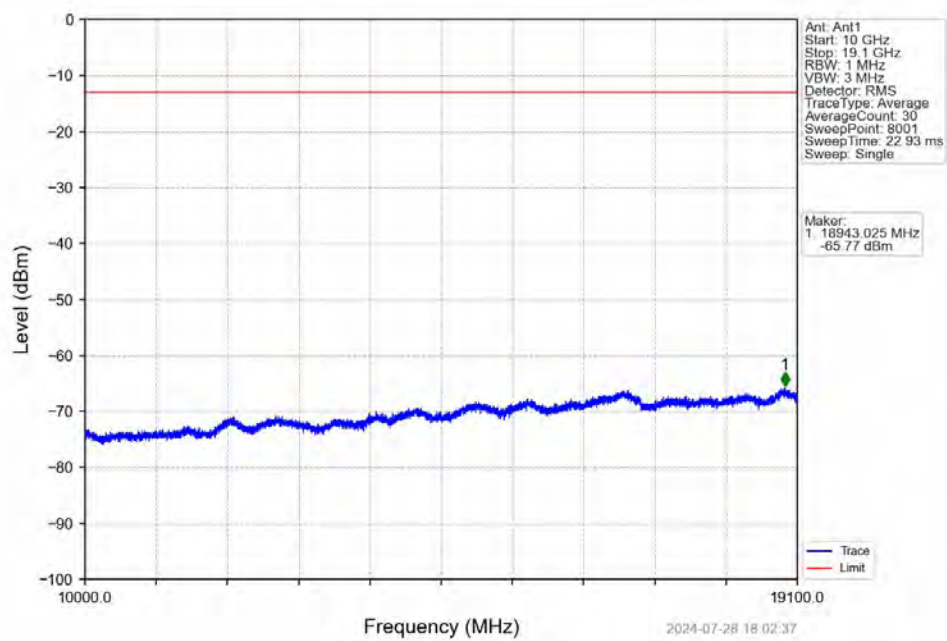
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



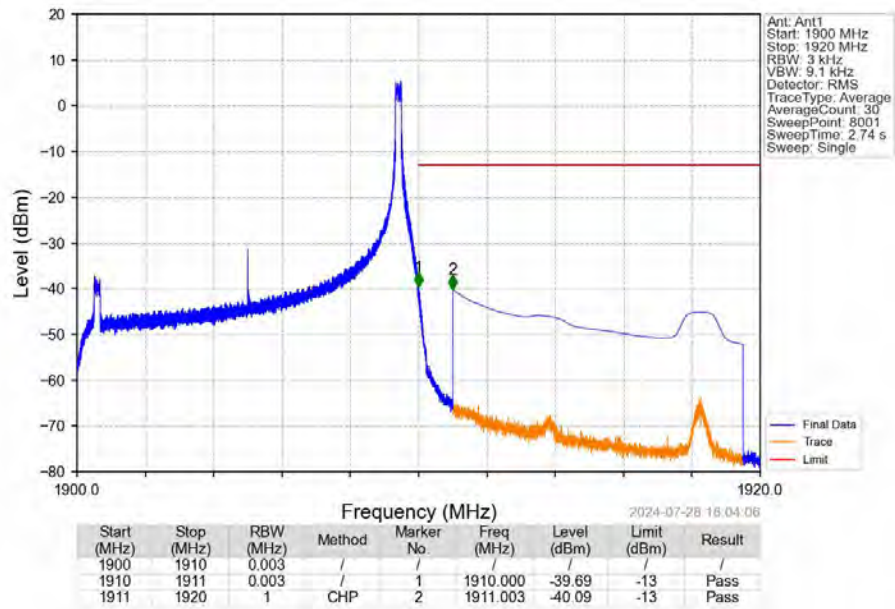
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



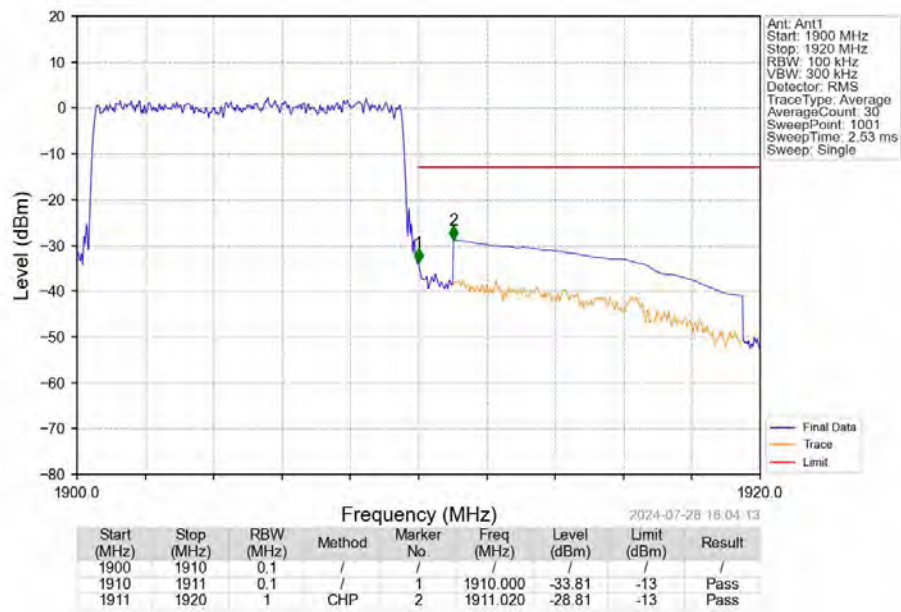
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



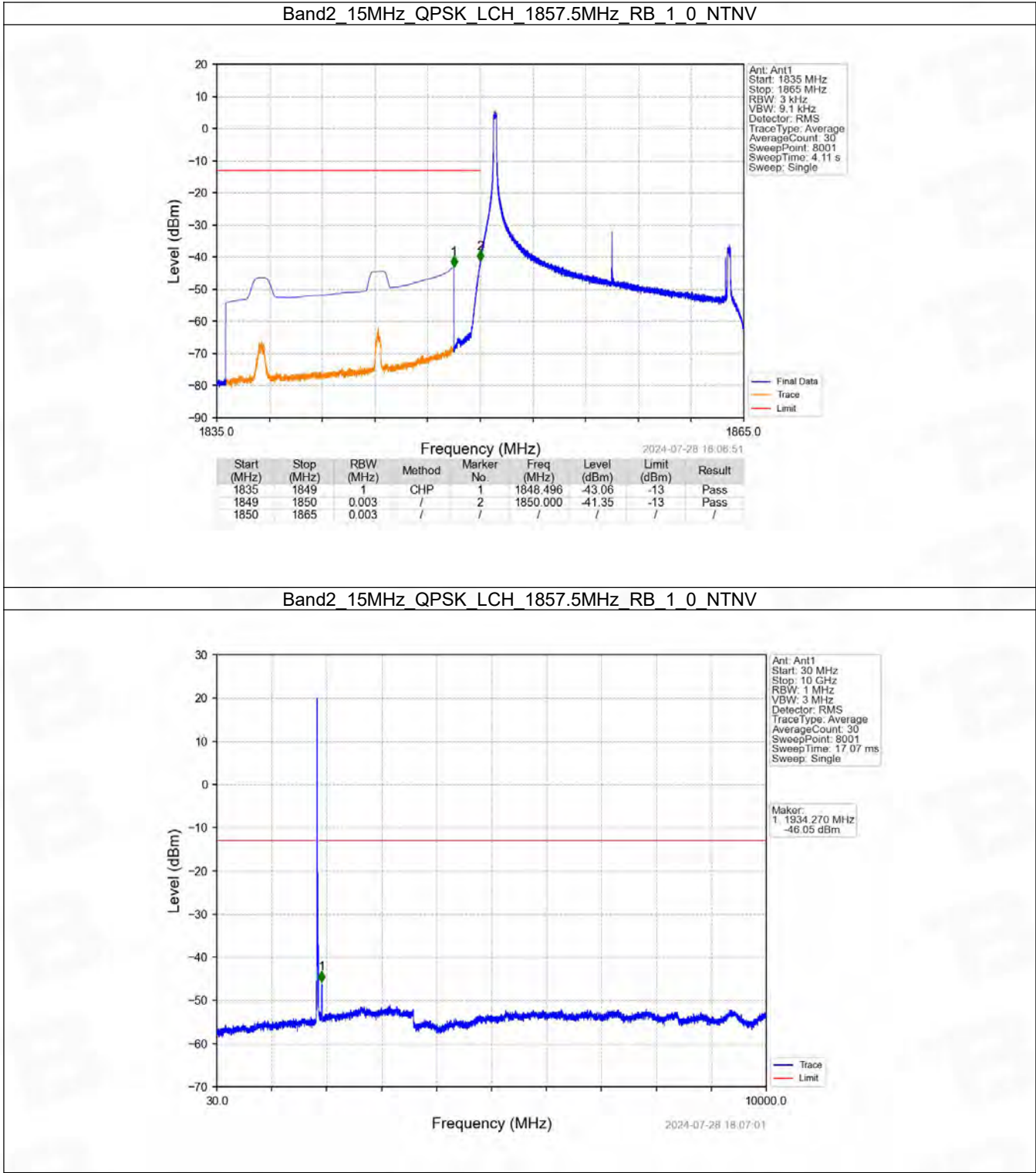
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_49\_NTNV



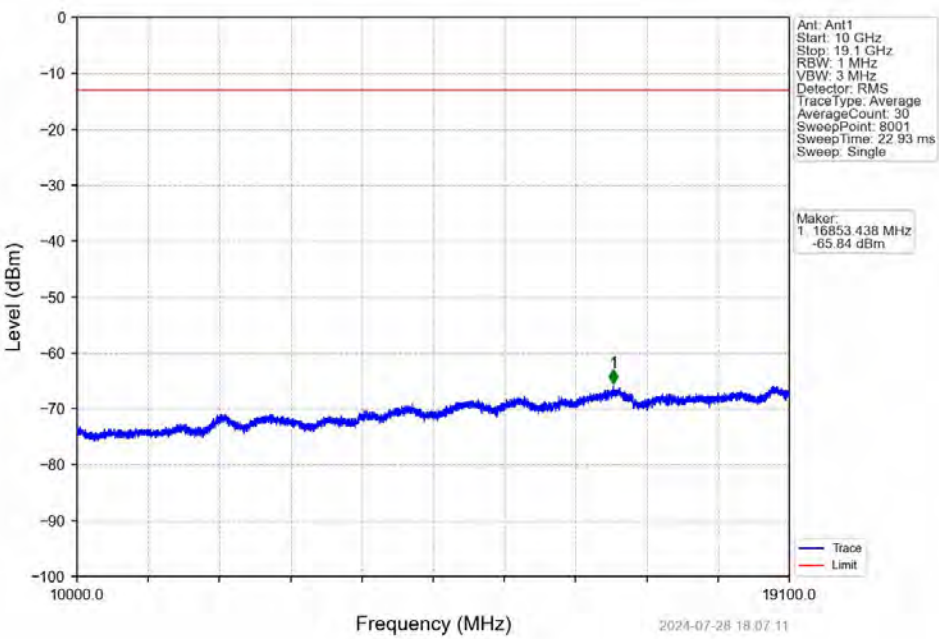
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



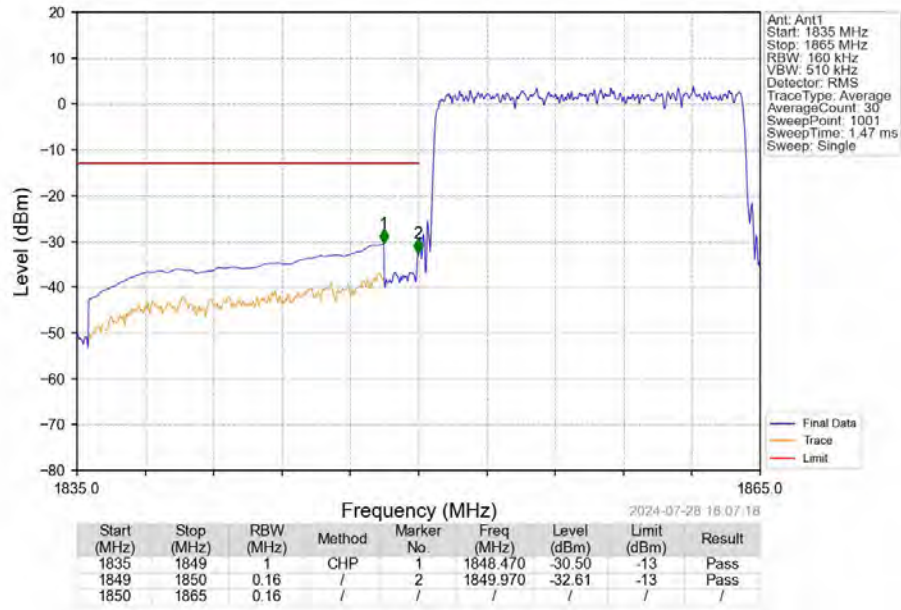
6.2.5 B2\_15MHz



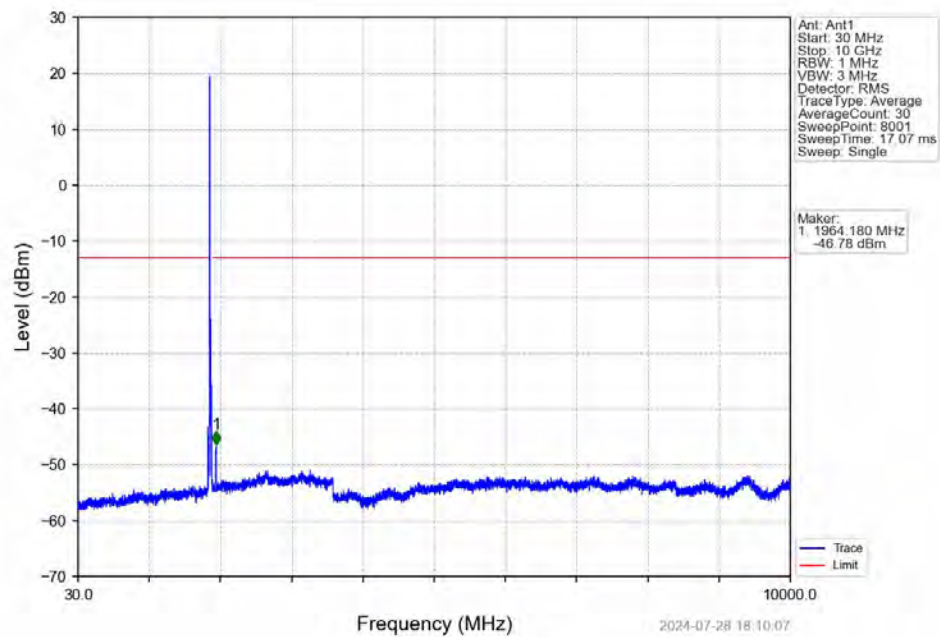
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



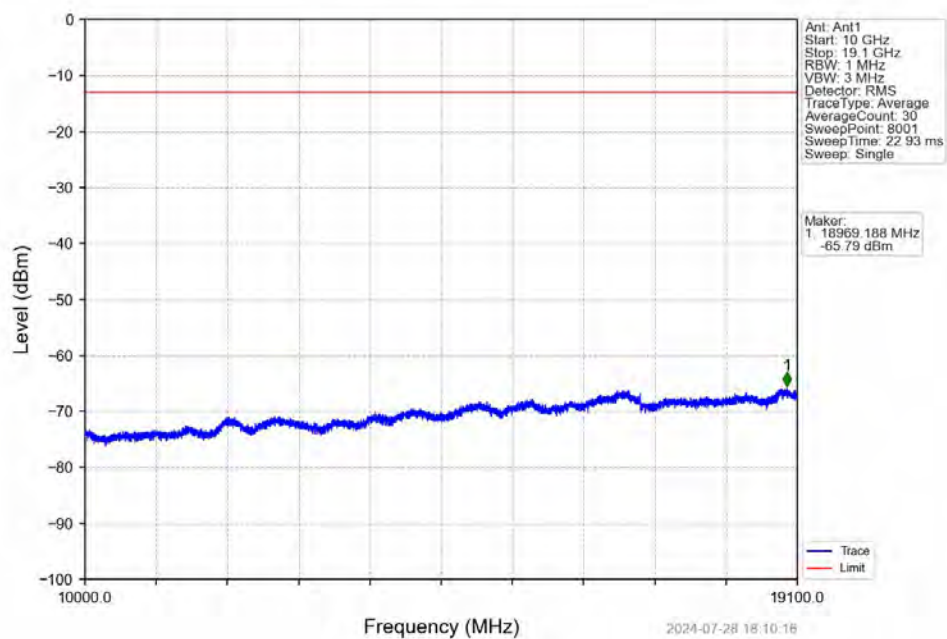
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



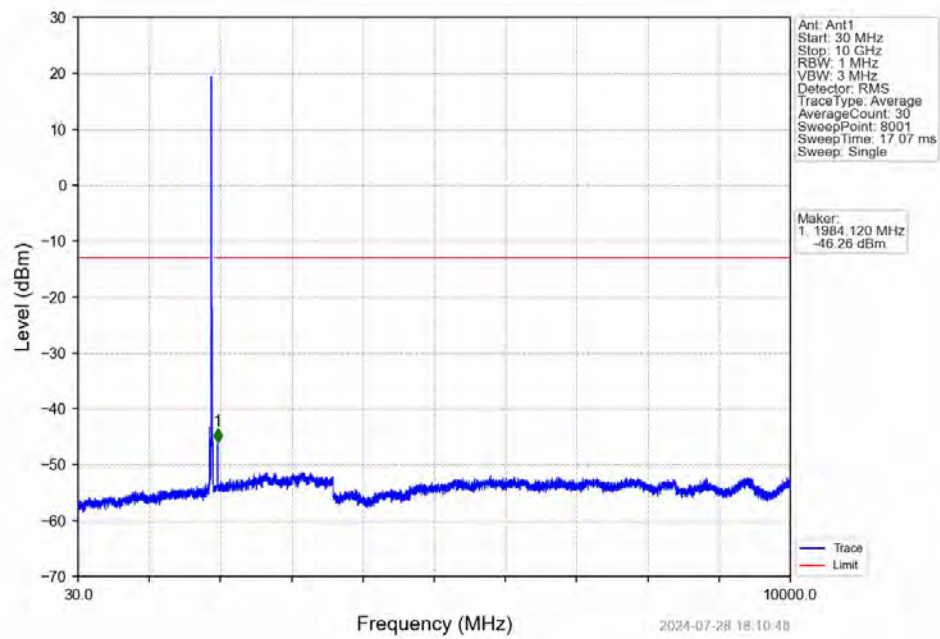
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



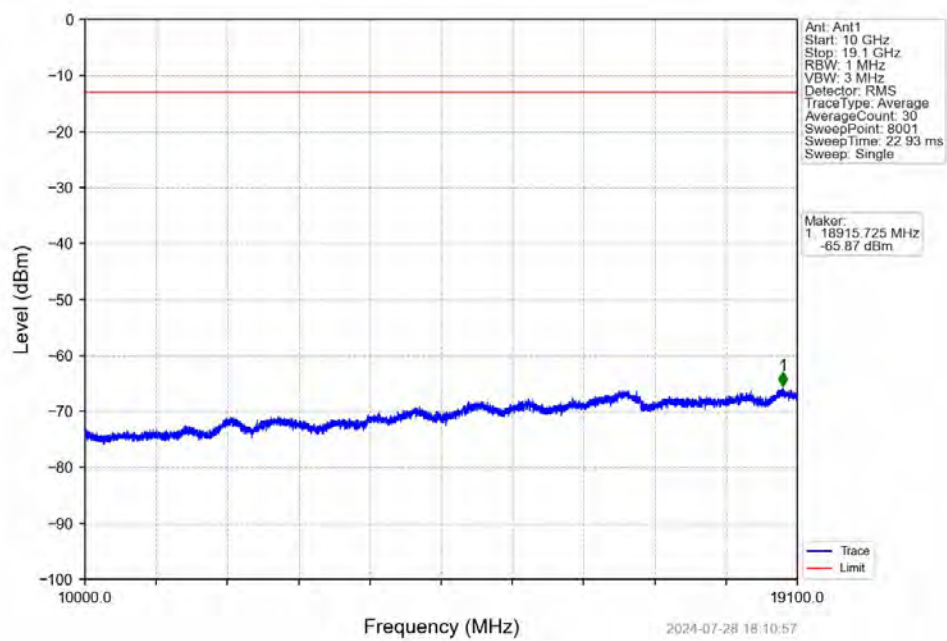
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



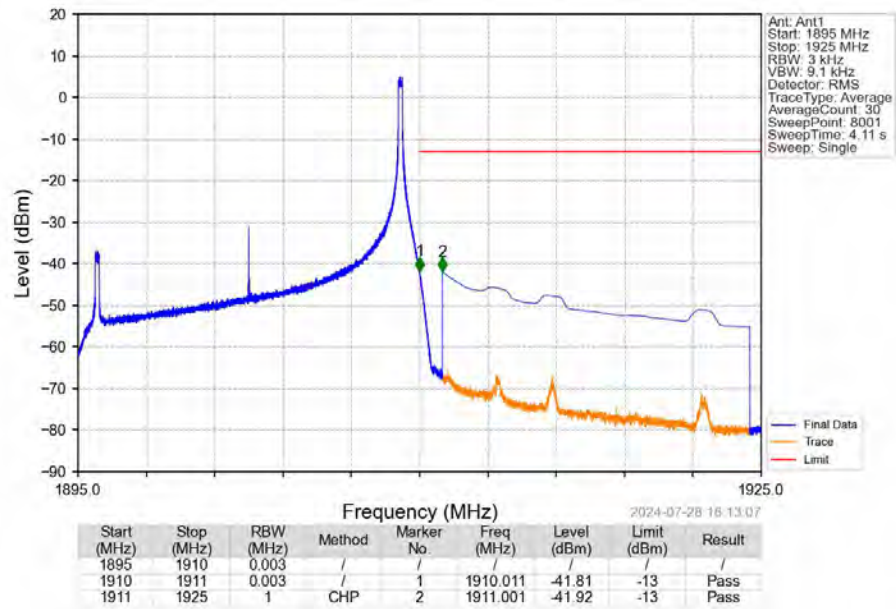
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



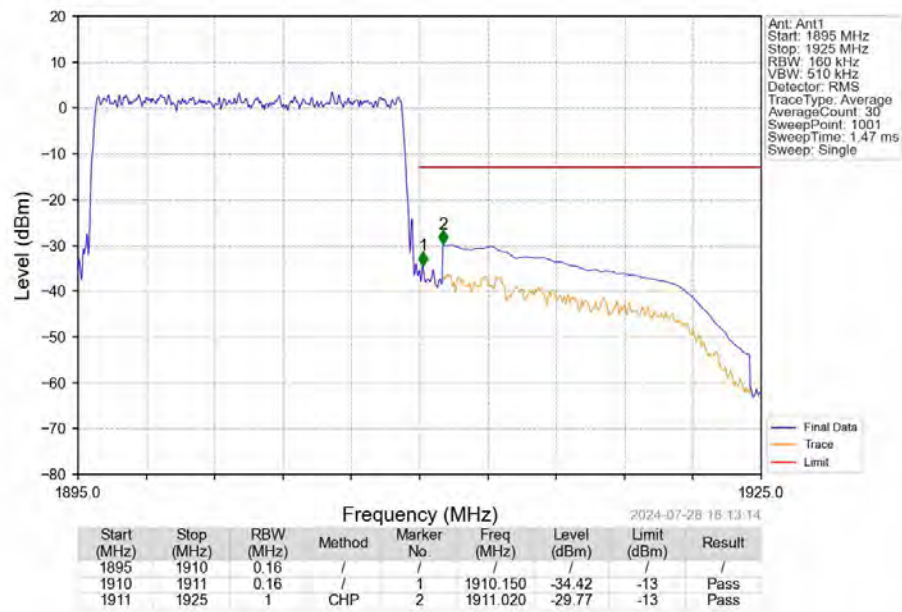
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



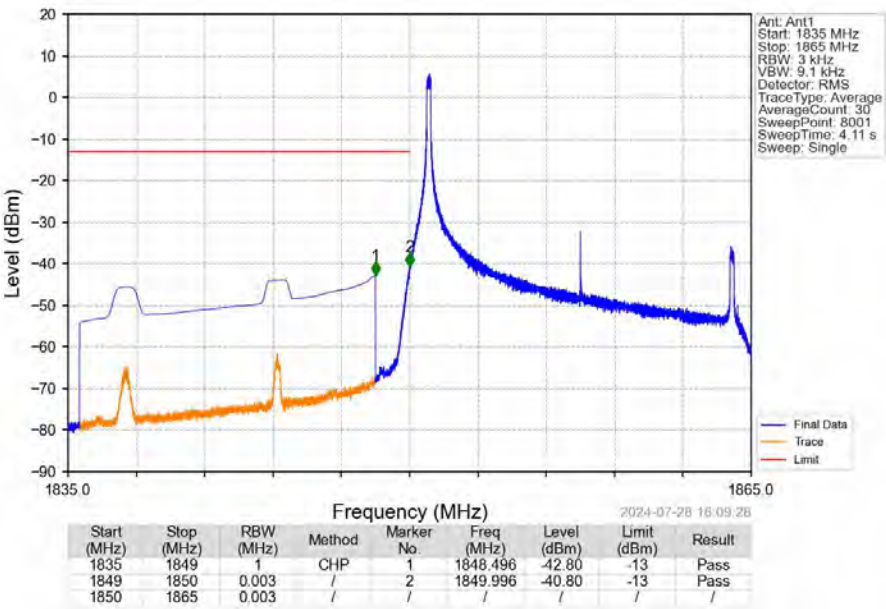
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_74\_NTNV



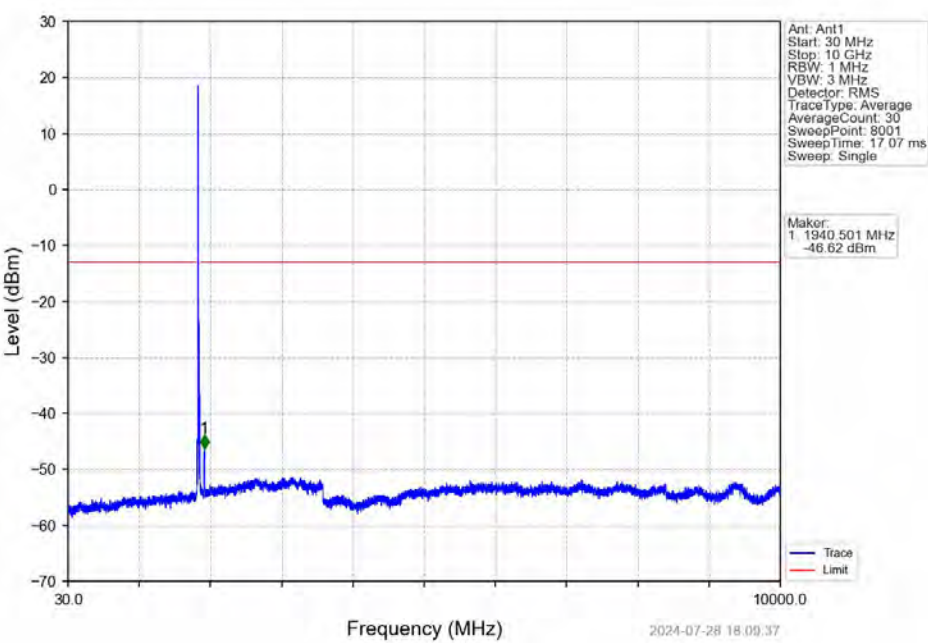
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



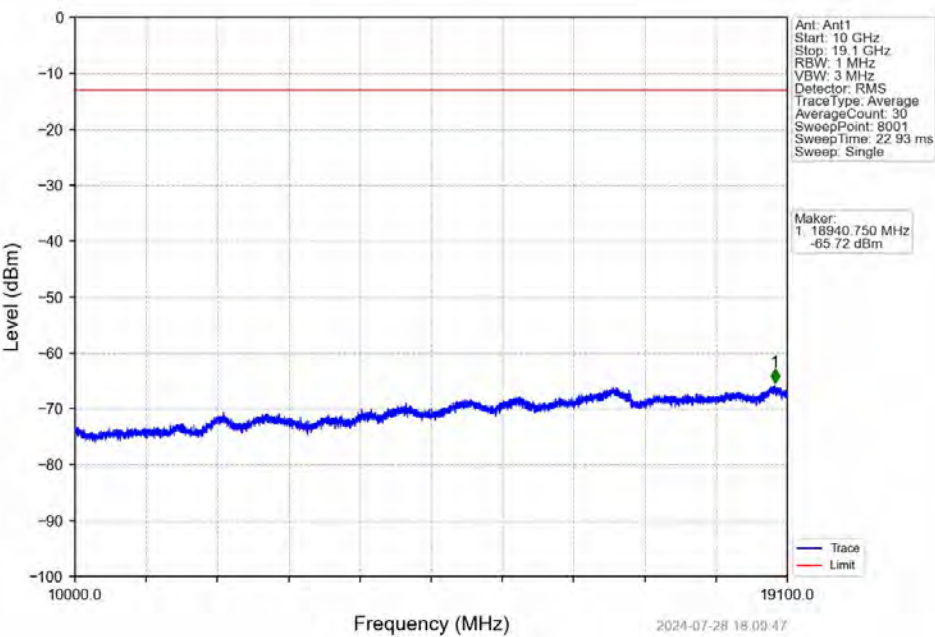
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



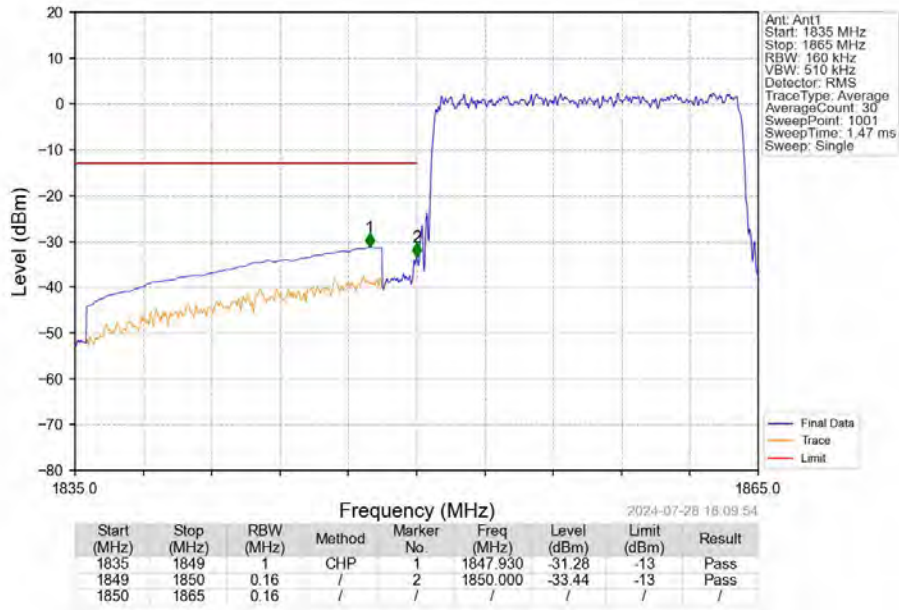
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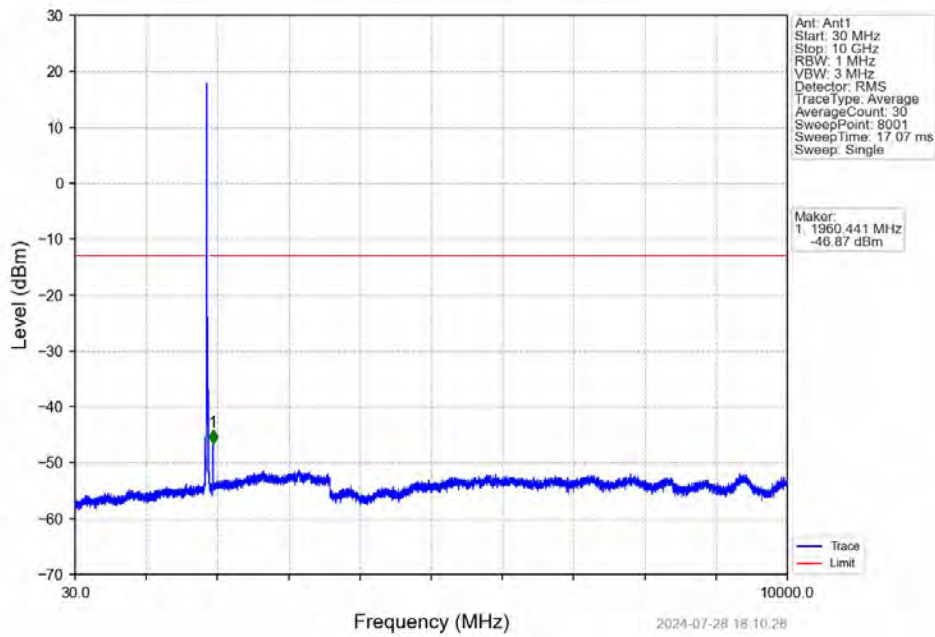
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



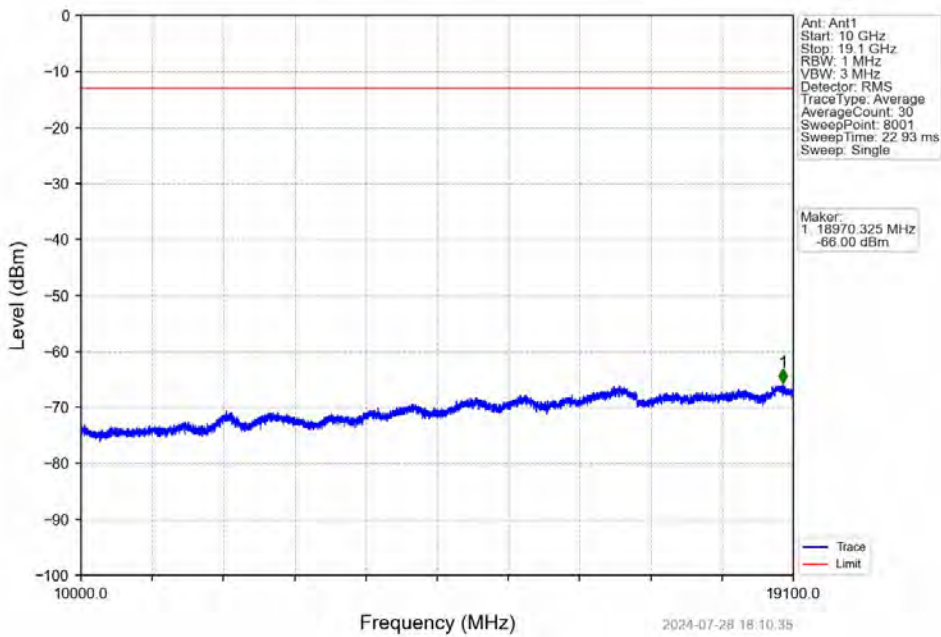
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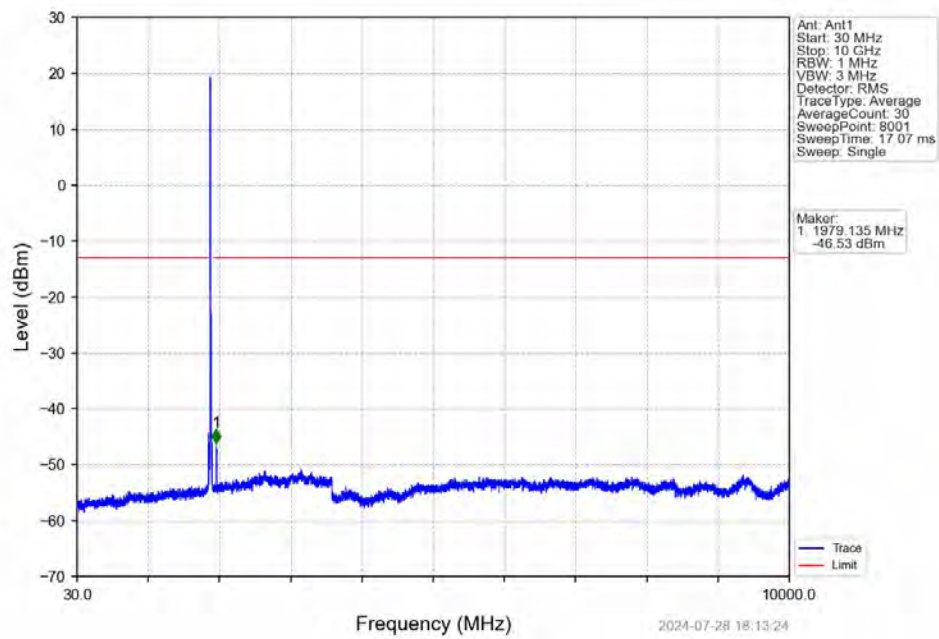
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



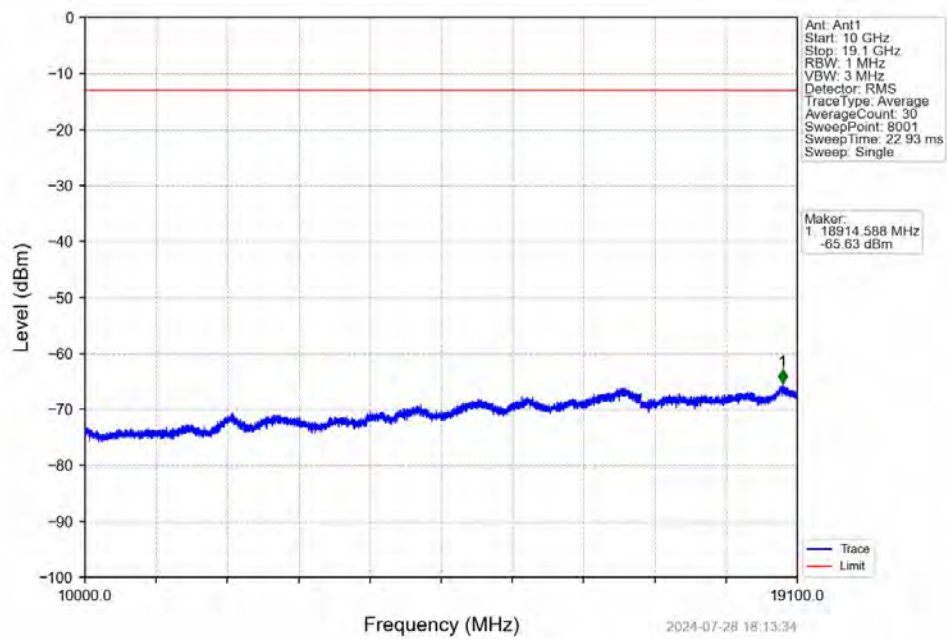
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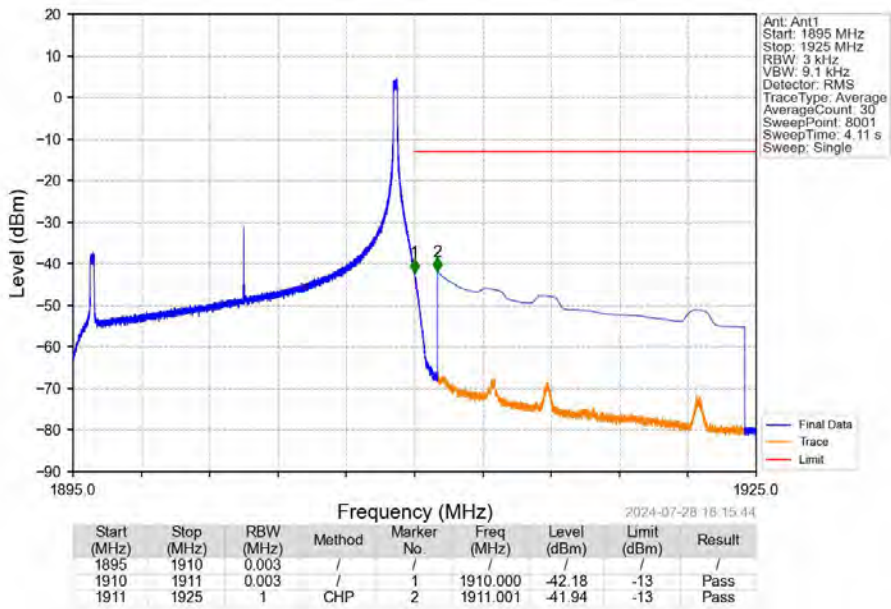
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



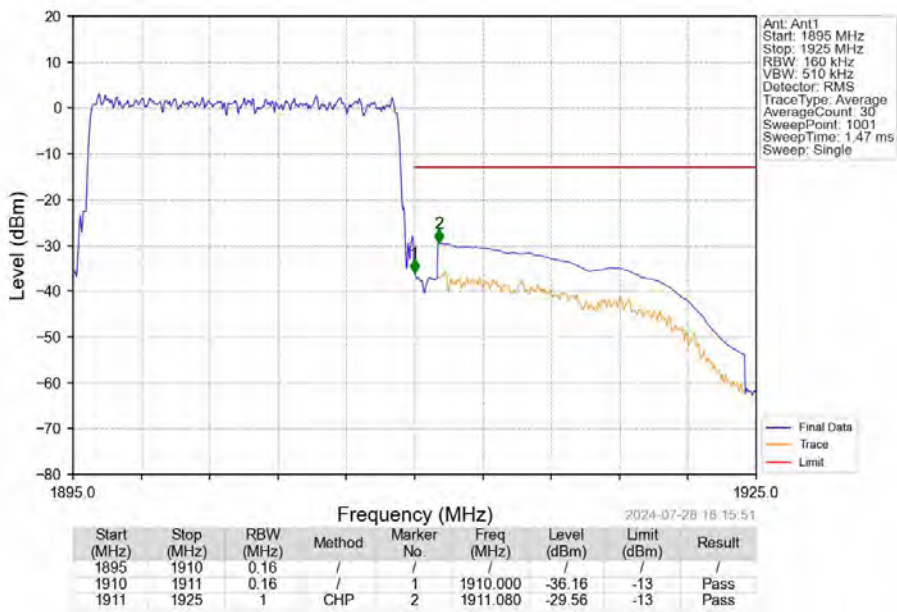
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



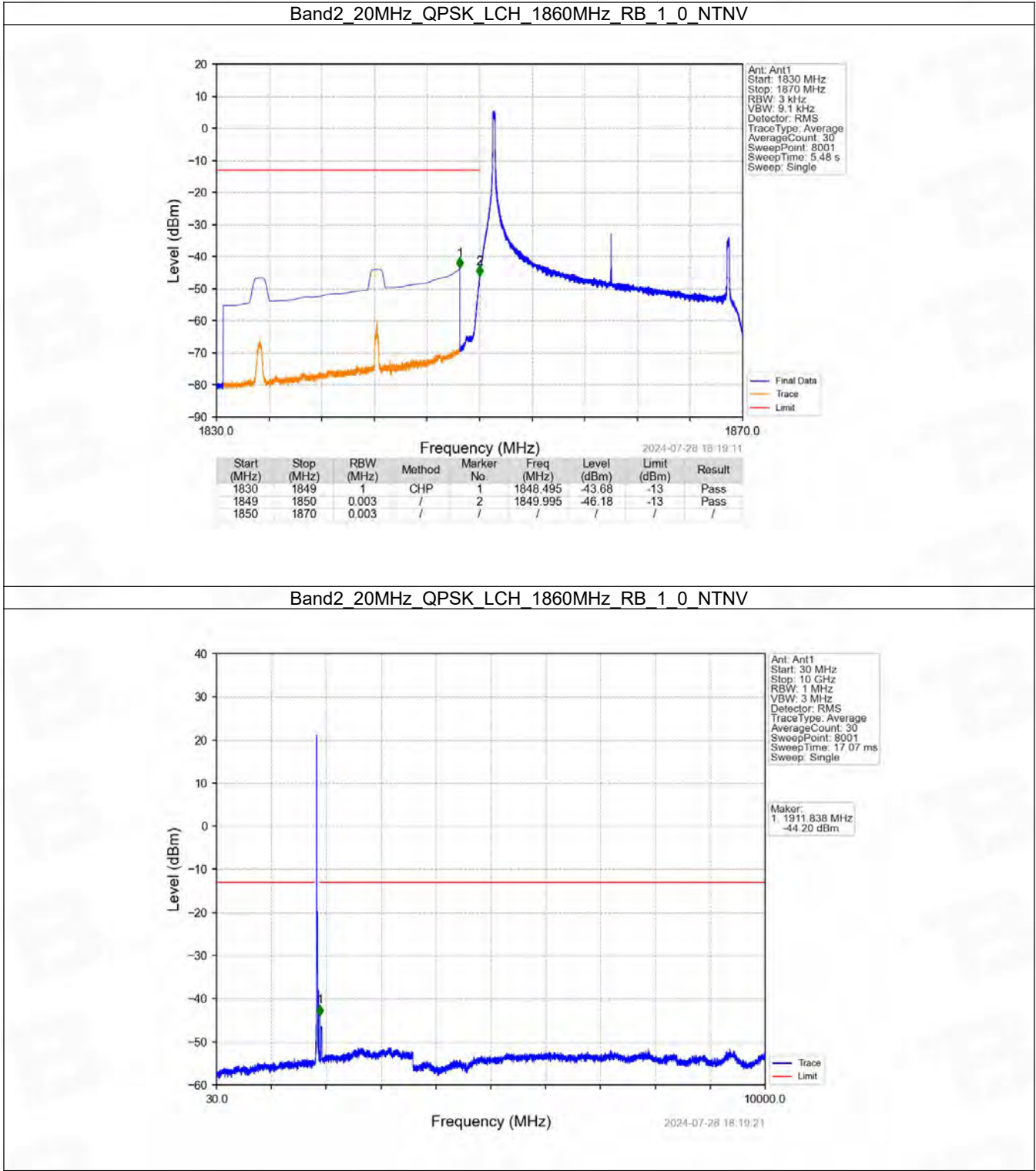
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_1\_74\_NTNV



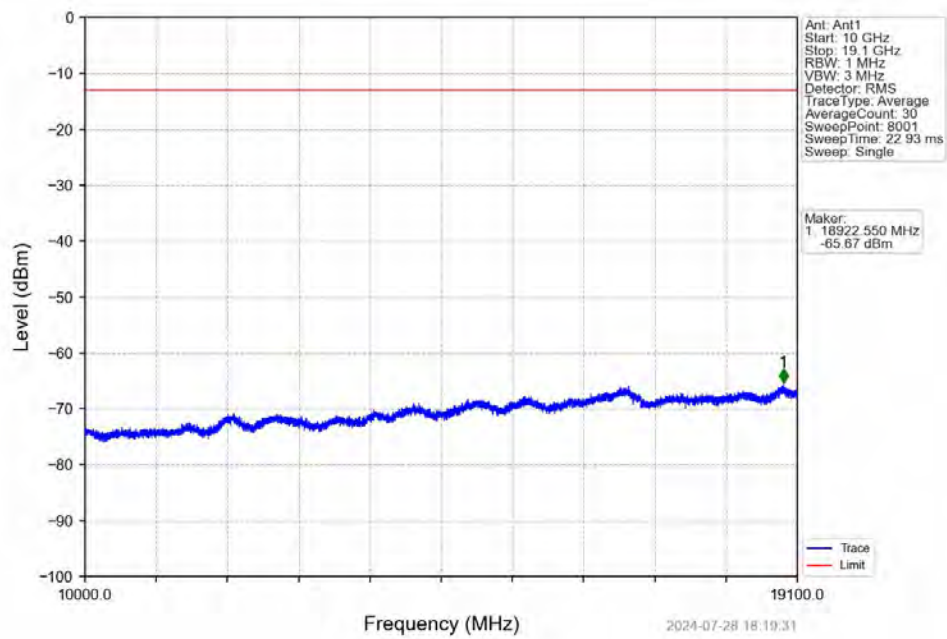
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



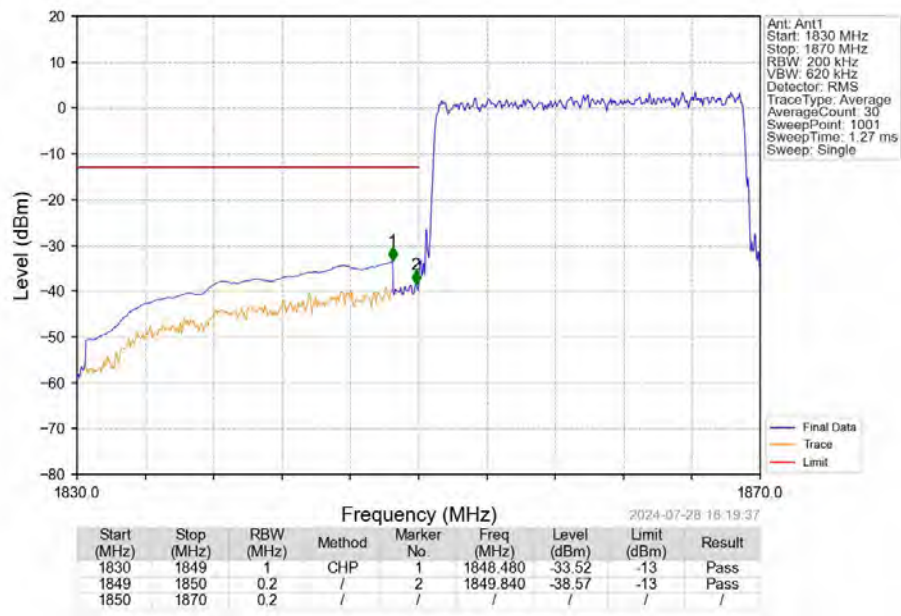
6.2.6 B2\_20MHz



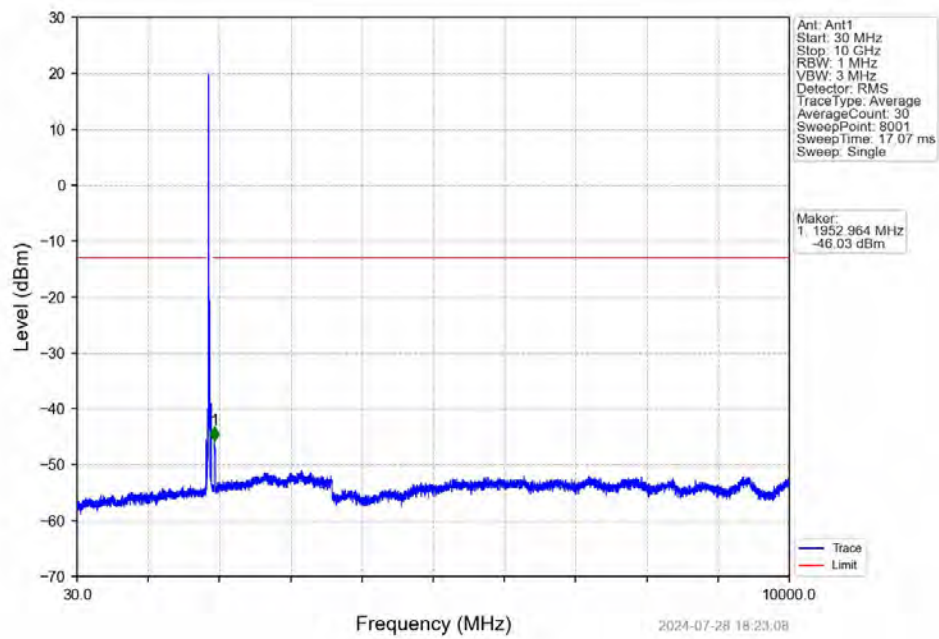
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_1\_0\_NTNV



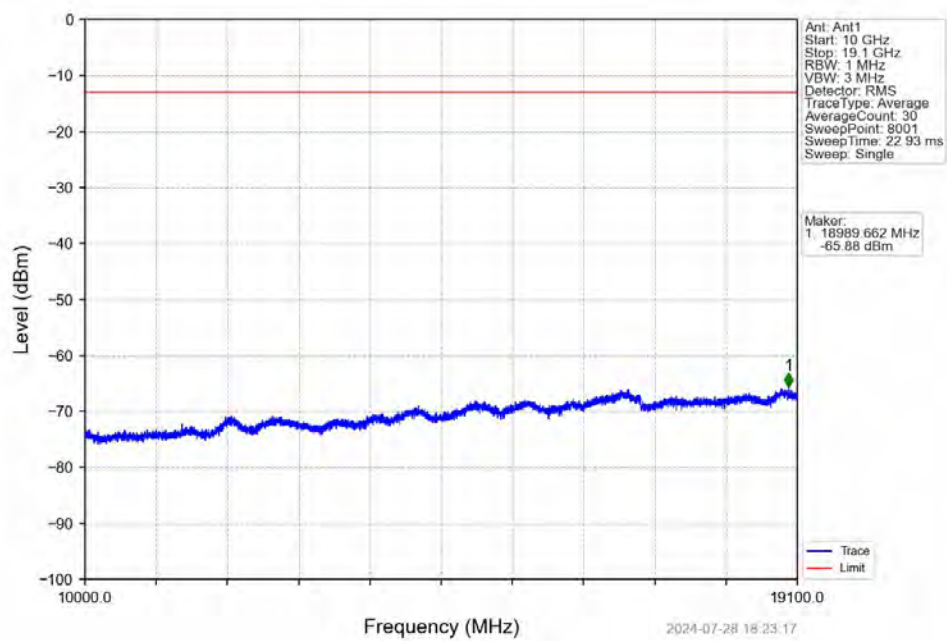
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



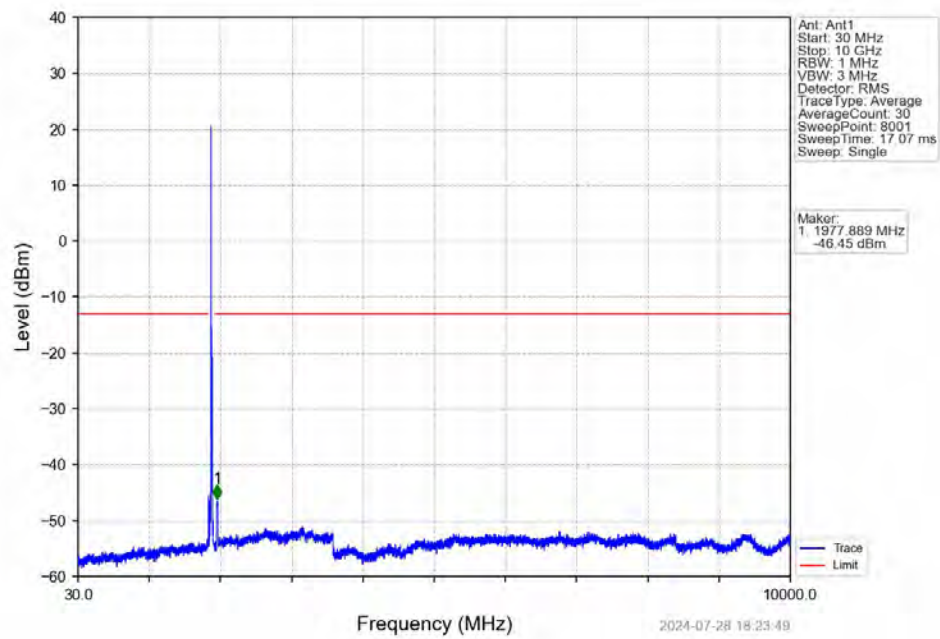
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



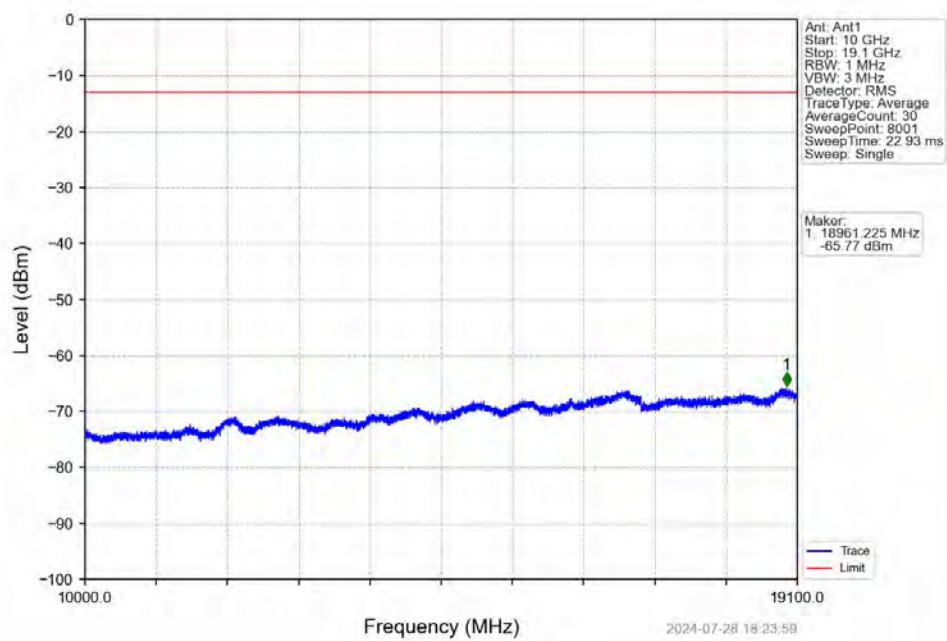
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



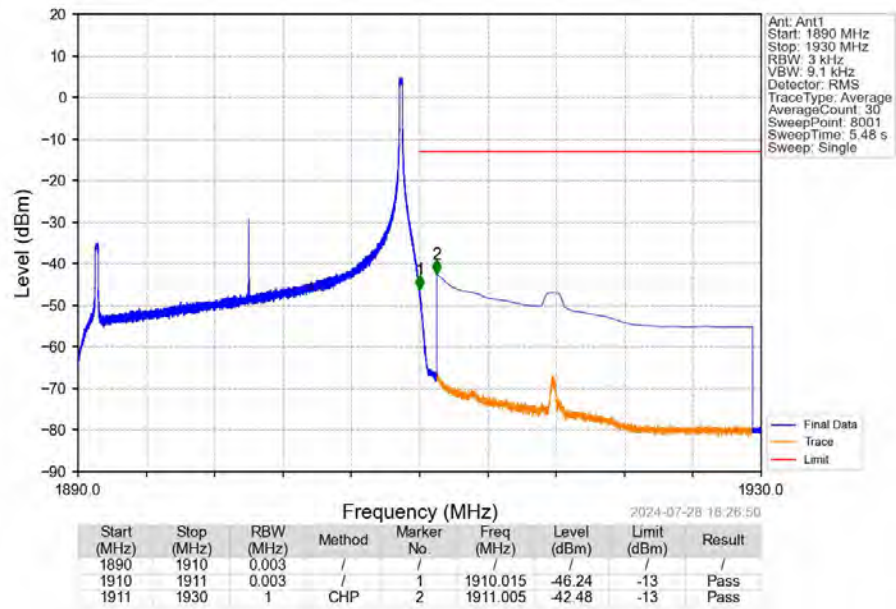
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_0\_NTNV



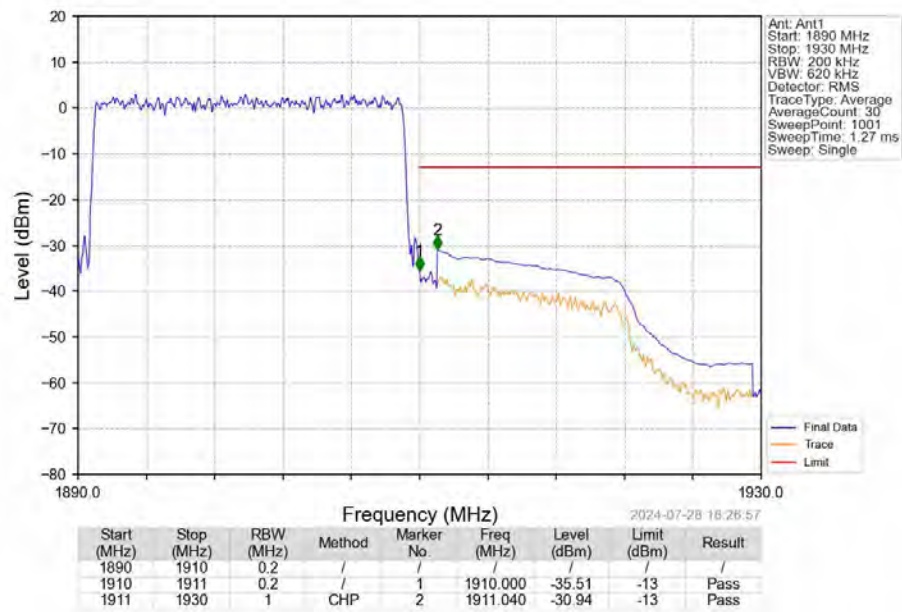
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_0\_NTNV



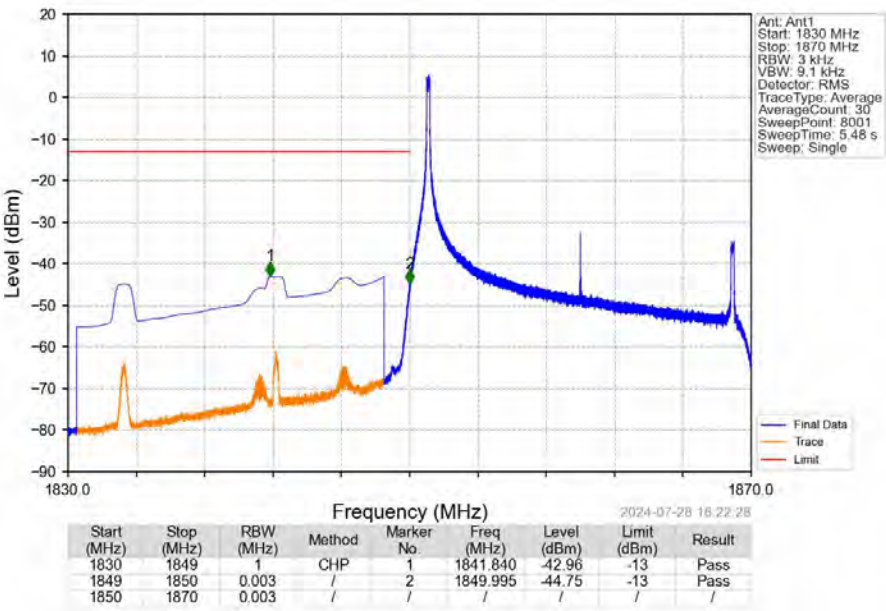
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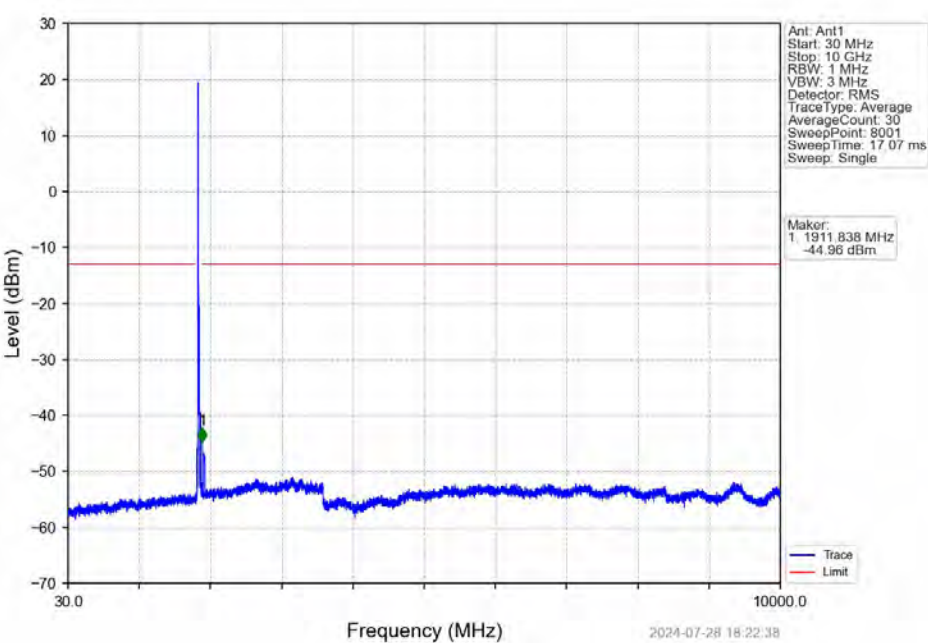
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



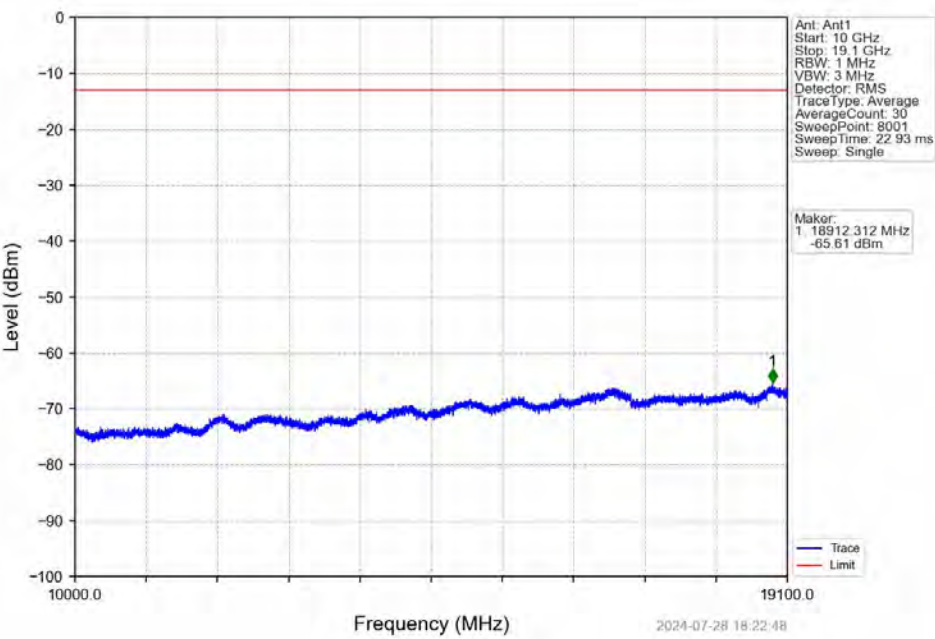
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



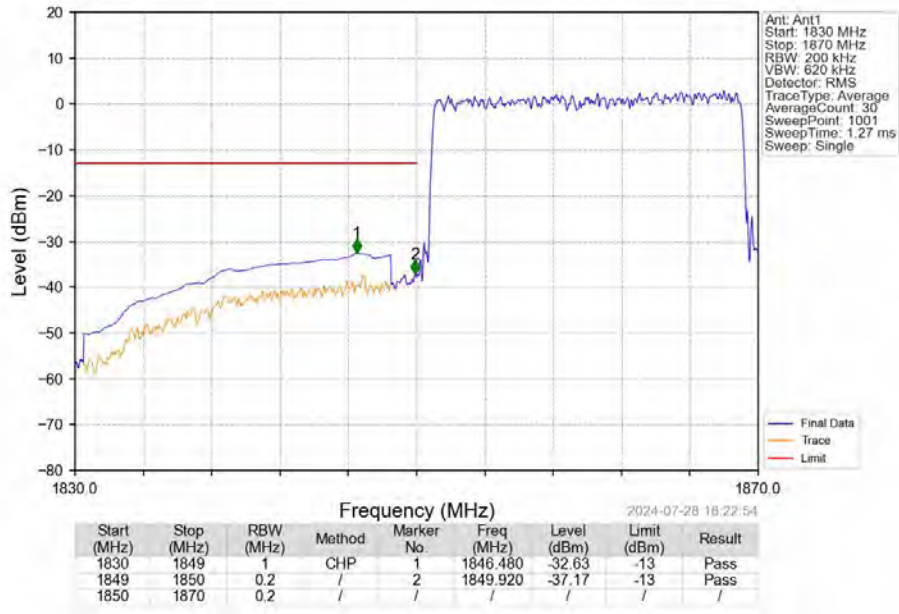
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



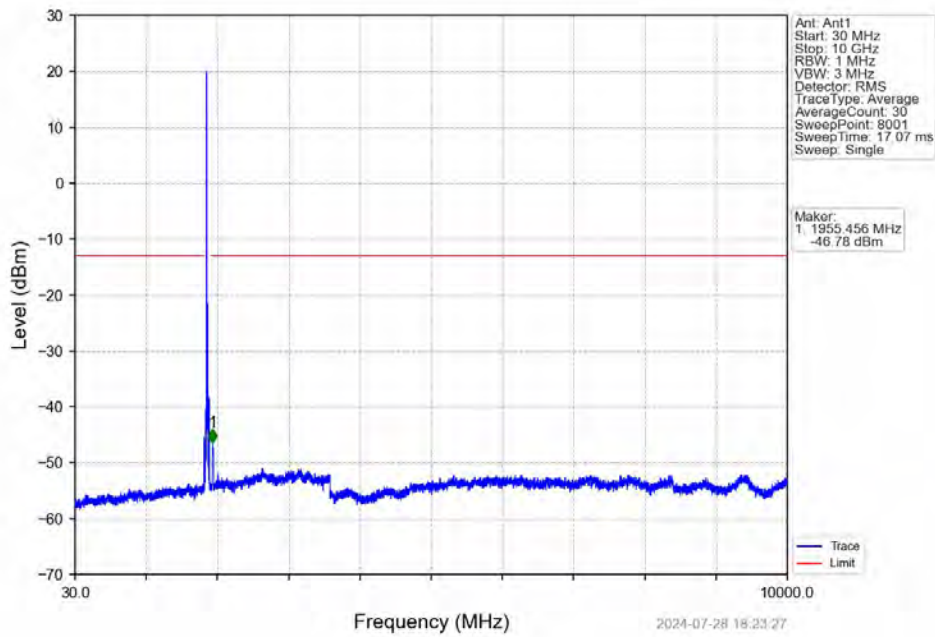
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



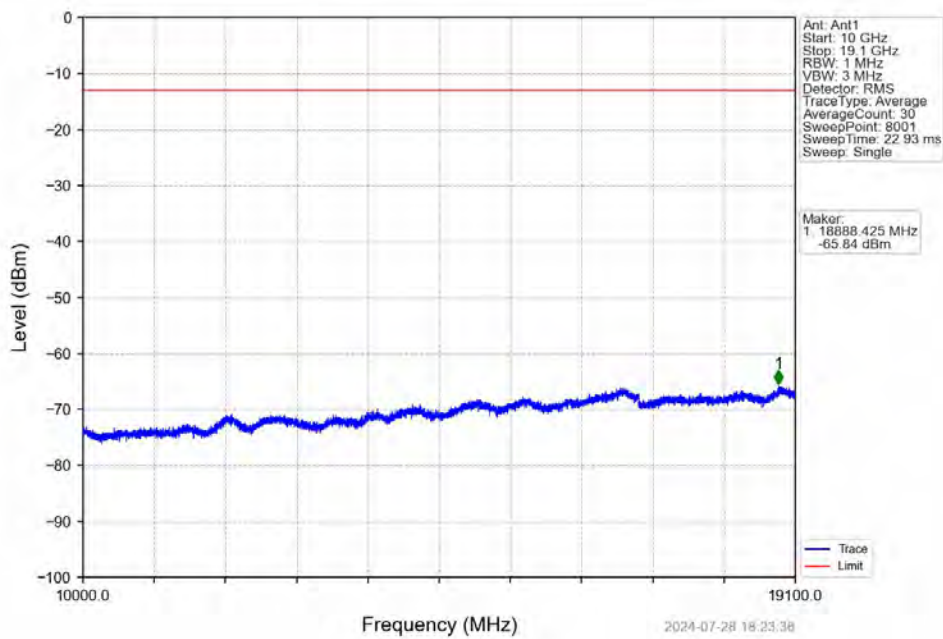
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



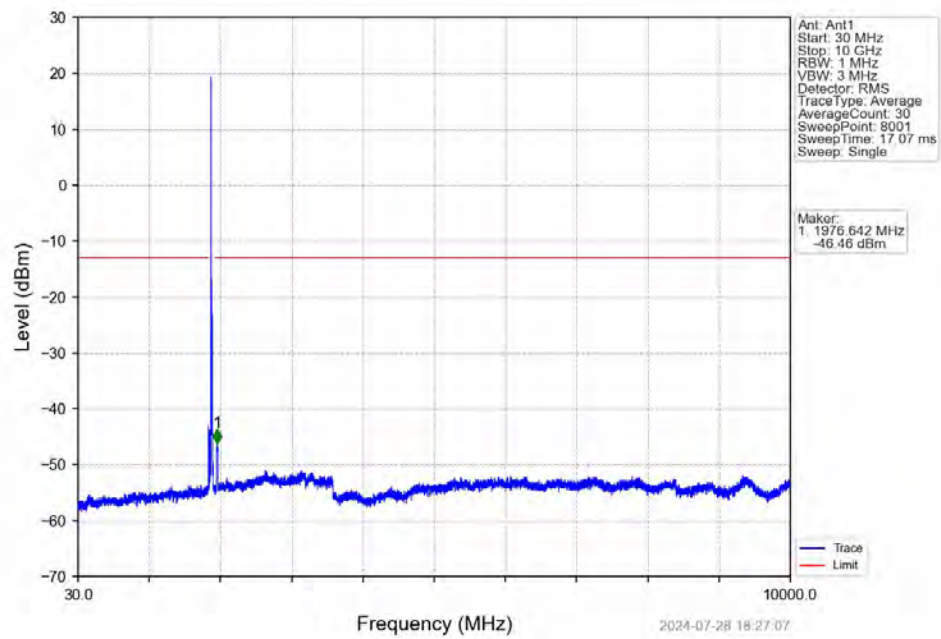
Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



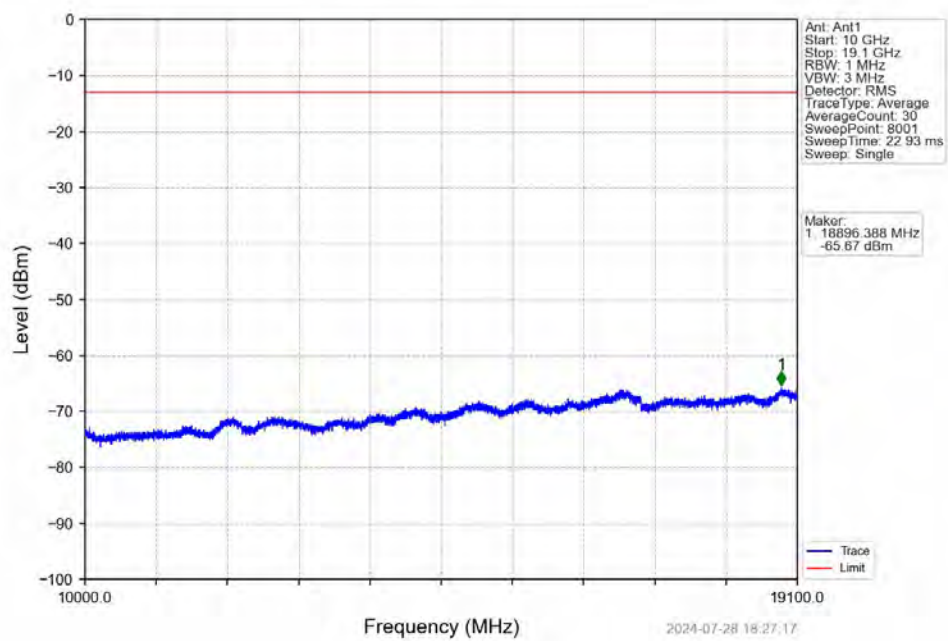
Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



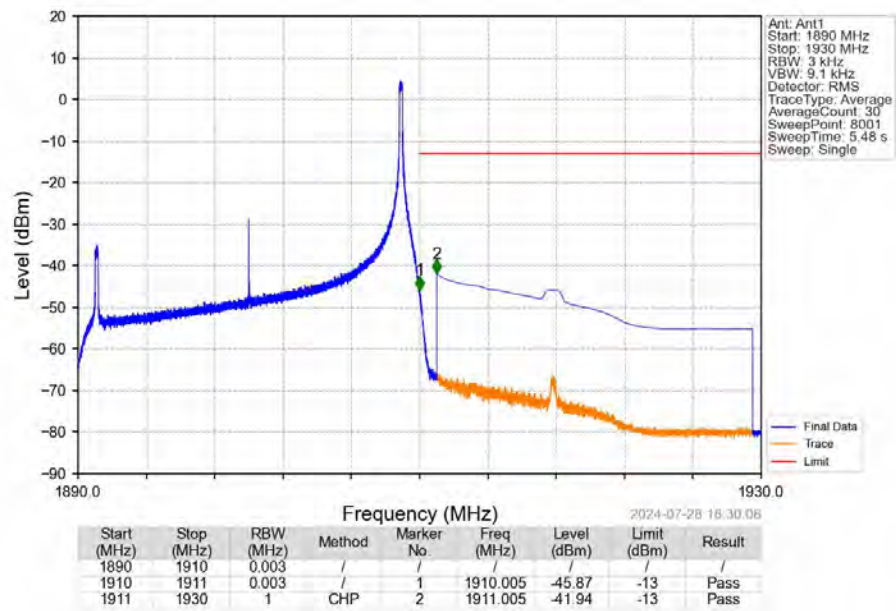
Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_0\_NTNV



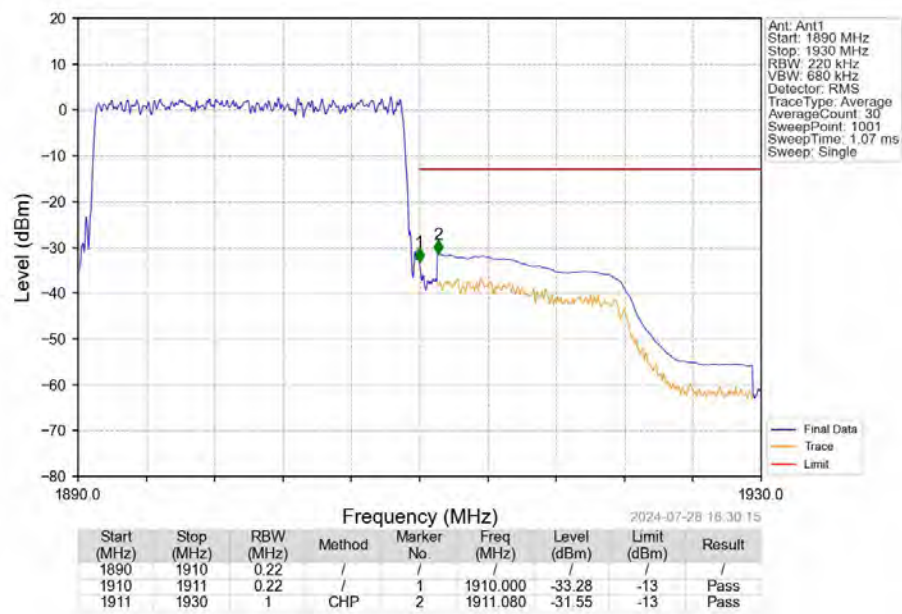
Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_0\_NTNV



Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_99\_NTNV



Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



## 7. Form731

### 7.1 Test Result

#### 7.1.1 Form731\_Power

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 2    | 1.4 | 1850.7     | 1909.3    | 0.1535        | 0.0282 | ppm    | 1M12G7D             | 24E        | 21.86           |
| 2    | 1.4 | 1850.7     | 1909.3    | 0.1419        | 0.0259 | ppm    | 1M12W7D             | 24E        | 21.52           |
| 2    | 3   | 1851.5     | 1908.5    | 0.1466        | 0.0285 | ppm    | 2M76G7D             | 24E        | 21.66           |
| 2    | 3   | 1851.5     | 1908.5    | 0.1406        | 0.0276 | ppm    | 2M76W7D             | 24E        | 21.48           |
| 2    | 5   | 1852.5     | 1907.5    | 0.1409        | 0.0250 | ppm    | 4M57G7D             | 24E        | 21.49           |
| 2    | 5   | 1852.5     | 1907.5    | 0.1334        | 0.0239 | ppm    | 4M57W7D             | 24E        | 21.25           |
| 2    | 10  | 1855       | 1905      | 0.1445        | 0.0262 | ppm    | 9M09G7D             | 24E        | 21.60           |
| 2    | 10  | 1855       | 1905      | 0.1315        | 0.0236 | ppm    | 9M07W7D             | 24E        | 21.19           |
| 2    | 15  | 1857.5     | 1902.5    | 0.1419        | 0.0263 | ppm    | 13M6G7D             | 24E        | 21.52           |
| 2    | 15  | 1857.5     | 1902.5    | 0.1318        | 0.0275 | ppm    | 13M7W7D             | 24E        | 21.20           |
| 2    | 20  | 1860       | 1900      | 0.1439        | 0.0250 | ppm    | 18M2G7D             | 24E        | 21.58           |
| 2    | 20  | 1860       | 1900      | 0.1556        | 0.0276 | ppm    | 18M2W7D             | 24E        | 21.92           |

#### 7.1.2 Form731\_EIRP

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 2    | 1.4 | 1850.7     | 1909.3    | 0.1892        | 0.0282 | ppm    | 1M12G7D             | 24E        | 22.77           |
| 2    | 1.4 | 1850.7     | 1909.3    | 0.1750        | 0.0259 | ppm    | 1M12W7D             | 24E        | 22.43           |
| 2    | 3   | 1851.5     | 1908.5    | 0.1807        | 0.0285 | ppm    | 2M76G7D             | 24E        | 22.57           |
| 2    | 3   | 1851.5     | 1908.5    | 0.1734        | 0.0276 | ppm    | 2M76W7D             | 24E        | 22.39           |
| 2    | 5   | 1852.5     | 1907.5    | 0.1738        | 0.0250 | ppm    | 4M57G7D             | 24E        | 22.40           |
| 2    | 5   | 1852.5     | 1907.5    | 0.1644        | 0.0239 | ppm    | 4M57W7D             | 24E        | 22.16           |
| 2    | 10  | 1855       | 1905      | 0.1782        | 0.0262 | ppm    | 9M09G7D             | 24E        | 22.51           |
| 2    | 10  | 1855       | 1905      | 0.1622        | 0.0236 | ppm    | 9M07W7D             | 24E        | 22.10           |
| 2    | 15  | 1857.5     | 1902.5    | 0.1750        | 0.0263 | ppm    | 13M6G7D             | 24E        | 22.43           |
| 2    | 15  | 1857.5     | 1902.5    | 0.1626        | 0.0275 | ppm    | 13M7W7D             | 24E        | 22.11           |
| 2    | 20  | 1860       | 1900      | 0.1774        | 0.0250 | ppm    | 18M2G7D             | 24E        | 22.49           |
| 2    | 20  | 1860       | 1900      | 0.1919        | 0.0276 | ppm    | 18M2W7D             | 24E        | 22.83           |