

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

### 1.1 Test Result

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

| Band: 2 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 1850.7          | 1             | 0      | 21.73                 | -5.01      | 16.72      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 21.76                 | -5.01      | 16.75      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 21.80                 | -5.01      | 16.79      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 21.84                 | -5.01      | 16.83      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 21.77                 | -5.01      | 16.76      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 21.82                 | -5.01      | 16.81      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 20.65                 | -5.01      | 15.64      | <=33.01 | Pass    |
|                                    | 1880            | 1             | 0      | 21.75                 | -5.01      | 16.74      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 21.71                 | -5.01      | 16.70      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 21.72                 | -5.01      | 16.71      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 21.80                 | -5.01      | 16.79      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 21.82                 | -5.01      | 16.81      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 21.76                 | -5.01      | 16.75      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 20.80                 | -5.01      | 15.79      | <=33.01 | Pass    |
|                                    | 1909.3          | 1             | 0      | 21.77                 | -5.01      | 16.76      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 21.75                 | -5.01      | 16.74      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 21.71                 | -5.01      | 16.70      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 21.87                 | -5.01      | 16.86      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 21.81                 | -5.01      | 16.80      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 21.79                 | -5.01      | 16.78      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 20.73                 | -5.01      | 15.72      | <=33.01 | Pass    |
| 16QAM                              | 1850.7          | 1             | 0      | 20.81                 | -5.01      | 15.80      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 20.85                 | -5.01      | 15.84      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 20.83                 | -5.01      | 15.82      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 20.69                 | -5.01      | 15.68      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 20.68                 | -5.01      | 15.67      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 20.68                 | -5.01      | 15.67      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 19.86                 | -5.01      | 14.85      | <=33.01 | Pass    |
|                                    | 1880            | 1             | 0      | 20.47                 | -5.01      | 15.46      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 20.47                 | -5.01      | 15.46      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 20.45                 | -5.01      | 15.44      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 20.61                 | -5.01      | 15.60      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 20.63                 | -5.01      | 15.62      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 20.66                 | -5.01      | 15.65      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 19.74                 | -5.01      | 14.73      | <=33.01 | Pass    |
|                                    | 1909.3          | 1             | 0      | 20.98                 | -5.01      | 15.97      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 20.93                 | -5.01      | 15.92      | <=33.01 | Pass    |
|                                    |                 |               | 5      | 20.95                 | -5.01      | 15.94      | <=33.01 | Pass    |
|                                    |                 | 3             | 0      | 20.97                 | -5.01      | 15.96      | <=33.01 | Pass    |
|                                    |                 |               | 2      | 20.97                 | -5.01      | 15.96      | <=33.01 | Pass    |
|                                    |                 |               | 3      | 20.98                 | -5.01      | 15.97      | <=33.01 | Pass    |
|                                    |                 | 6             | 0      | 20.00                 | -5.01      | 14.99      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.2 B2\_3MHz\_EIRP

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

| Modulation | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
|            |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK       | 1851.5          | 1             | 0      | 21.77                 | -5.01      | 16.76      | <=33.01 | Pass    |
|            |                 |               | 7      | 21.73                 | -5.01      | 16.72      | <=33.01 | Pass    |
|            |                 |               | 14     | 21.73                 | -5.01      | 16.72      | <=33.01 | Pass    |
|            |                 | 8             | 0      | 20.73                 | -5.01      | 15.72      | <=33.01 | Pass    |
|            |                 |               | 4      | 20.76                 | -5.01      | 15.75      | <=33.01 | Pass    |
|            |                 |               | 7      | 20.77                 | -5.01      | 15.76      | <=33.01 | Pass    |
|            |                 | 15            | 0      | 20.76                 | -5.01      | 15.75      | <=33.01 | Pass    |
|            | 1880            | 1             | 0      | 21.63                 | -5.01      | 16.62      | <=33.01 | Pass    |
|            |                 |               | 7      | 21.64                 | -5.01      | 16.63      | <=33.01 | Pass    |
|            |                 |               | 14     | 21.62                 | -5.01      | 16.61      | <=33.01 | Pass    |
|            |                 | 8             | 0      | 20.71                 | -5.01      | 15.70      | <=33.01 | Pass    |
|            |                 |               | 4      | 20.72                 | -5.01      | 15.71      | <=33.01 | Pass    |
|            |                 |               | 7      | 20.66                 | -5.01      | 15.65      | <=33.01 | Pass    |
|            |                 | 15            | 0      | 20.72                 | -5.01      | 15.71      | <=33.01 | Pass    |
|            | 1908.5          | 1             | 0      | 21.75                 | -5.01      | 16.74      | <=33.01 | Pass    |
|            |                 |               | 7      | 21.72                 | -5.01      | 16.71      | <=33.01 | Pass    |
|            |                 |               | 14     | 21.69                 | -5.01      | 16.68      | <=33.01 | Pass    |
|            |                 | 8             | 0      | 20.84                 | -5.01      | 15.83      | <=33.01 | Pass    |
|            |                 |               | 4      | 20.79                 | -5.01      | 15.78      | <=33.01 | Pass    |
|            |                 |               | 7      | 20.72                 | -5.01      | 15.71      | <=33.01 | Pass    |
|            |                 | 15            | 0      | 20.74                 | -5.01      | 15.73      | <=33.01 | Pass    |
| 16QAM      | 1851.5          | 1             | 0      | 20.30                 | -5.01      | 15.29      | <=33.01 | Pass    |
|            |                 |               | 7      | 20.26                 | -5.01      | 15.25      | <=33.01 | Pass    |
|            |                 |               | 14     | 20.27                 | -5.01      | 15.26      | <=33.01 | Pass    |
|            |                 | 8             | 0      | 20.01                 | -5.01      | 15.00      | <=33.01 | Pass    |
|            |                 |               | 4      | 20.04                 | -5.01      | 15.03      | <=33.01 | Pass    |
|            |                 |               | 7      | 19.99                 | -5.01      | 14.98      | <=33.01 | Pass    |
|            |                 | 15            | 0      | 19.92                 | -5.01      | 14.91      | <=33.01 | Pass    |
|            | 1880            | 1             | 0      | 21.25                 | -5.01      | 16.24      | <=33.01 | Pass    |
|            |                 |               | 7      | 21.23                 | -5.01      | 16.22      | <=33.01 | Pass    |
|            |                 |               | 14     | 21.21                 | -5.01      | 16.20      | <=33.01 | Pass    |
|            |                 | 8             | 0      | 19.90                 | -5.01      | 14.89      | <=33.01 | Pass    |
|            |                 |               | 4      | 19.90                 | -5.01      | 14.89      | <=33.01 | Pass    |
|            |                 |               | 7      | 19.84                 | -5.01      | 14.83      | <=33.01 | Pass    |
|            |                 | 15            | 0      | 19.84                 | -5.01      | 14.83      | <=33.01 | Pass    |
|            | 1908.5          | 1             | 0      | 21.22                 | -5.01      | 16.21      | <=33.01 | Pass    |
|            |                 |               | 7      | 21.15                 | -5.01      | 16.14      | <=33.01 | Pass    |
|            |                 |               | 14     | 21.10                 | -5.01      | 16.09      | <=33.01 | Pass    |
|            |                 | 8             | 0      | 20.13                 | -5.01      | 15.12      | <=33.01 | Pass    |
|            |                 |               | 4      | 20.15                 | -5.01      | 15.14      | <=33.01 | Pass    |
|            |                 |               | 7      | 20.13                 | -5.01      | 15.12      | <=33.01 | Pass    |
|            |                 | 15            | 0      | 20.00                 | -5.01      | 14.99      | <=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      | 21.69                 | -5.01      | 16.68      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 21.62                 | -5.01      | 16.61      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 21.59                 | -5.01      | 16.58      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 20.67                 | -5.01      | 15.66      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 20.73                 | -5.01      | 15.72      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 20.70                 | -5.01      | 15.69      | <=33.01 | Pass    |

|       |        |        |       |       |       |         |         |         |         |
|-------|--------|--------|-------|-------|-------|---------|---------|---------|---------|
| 16QAM | 1880   | 25     | 0     | 20.69 | -5.01 | 15.68   | <=33.01 | Pass    |         |
|       |        |        | 1     | 0     | 21.65 | -5.01   | 16.64   | <=33.01 | Pass    |
|       |        |        |       | 13    | 21.63 | -5.01   | 16.62   | <=33.01 | Pass    |
|       |        |        |       | 24    | 21.69 | -5.01   | 16.68   | <=33.01 | Pass    |
|       |        | 12     |       | 0     | 20.61 | -5.01   | 15.60   | <=33.01 | Pass    |
|       |        |        | 6     | 20.70 | -5.01 | 15.69   | <=33.01 | Pass    |         |
|       |        |        | 13    | 20.65 | -5.01 | 15.64   | <=33.01 | Pass    |         |
|       |        |        | 25    | 0     | 20.69 | -5.01   | 15.68   | <=33.01 | Pass    |
|       |        | 1907.5 | 1     | 0     | 21.68 | -5.01   | 16.67   | <=33.01 | Pass    |
|       |        |        |       | 13    | 21.73 | -5.01   | 16.72   | <=33.01 | Pass    |
|       |        |        |       | 24    | 21.69 | -5.01   | 16.68   | <=33.01 | Pass    |
|       |        |        |       | 12    | 0     | 20.71   | -5.01   | 15.70   | <=33.01 |
|       | 6      |        | 20.72 |       | -5.01 | 15.71   | <=33.01 | Pass    |         |
|       | 13     |        | 20.83 |       | -5.01 | 15.82   | <=33.01 | Pass    |         |
|       | 25     |        | 0     |       | 20.81 | -5.01   | 15.80   | <=33.01 | Pass    |
|       | 1852.5 |        | 1     | 0     | 20.04 | -5.01   | 15.03   | <=33.01 | Pass    |
| 13    |        | 20.02  |       | -5.01 | 15.01 | <=33.01 | Pass    |         |         |
| 24    |        | 19.99  |       | -5.01 | 14.98 | <=33.01 | Pass    |         |         |
| 12    |        | 0      |       | 19.85 | -5.01 | 14.84   | <=33.01 | Pass    |         |
|       |        | 6      |       | 19.56 | -5.01 | 14.55   | <=33.01 | Pass    |         |
|       |        | 13     |       | 19.68 | -5.01 | 14.67   | <=33.01 | Pass    |         |
|       |        | 25     |       | 0     | 19.77 | -5.01   | 14.76   | <=33.01 | Pass    |
| 1880  |        | 1      |       | 0     | 20.74 | -5.01   | 15.73   | <=33.01 | Pass    |
|       |        |        | 13    | 20.82 | -5.01 | 15.81   | <=33.01 | Pass    |         |
|       |        |        | 24    | 20.84 | -5.01 | 15.83   | <=33.01 | Pass    |         |
|       |        |        | 12    | 0     | 19.71 | -5.01   | 14.70   | <=33.01 | Pass    |
|       |        | 6      |       | 19.67 | -5.01 | 14.66   | <=33.01 | Pass    |         |
|       |        | 13     |       | 19.70 | -5.01 | 14.69   | <=33.01 | Pass    |         |
|       |        | 25     |       | 0     | 19.73 | -5.01   | 14.72   | <=33.01 | Pass    |
|       |        | 1907.5 | 1     | 0     | 19.87 | -5.01   | 14.86   | <=33.01 | Pass    |
| 13    |        |        |       | 19.93 | -5.01 | 14.92   | <=33.01 | Pass    |         |
| 24    |        |        |       | 19.99 | -5.01 | 14.98   | <=33.01 | Pass    |         |
| 12    |        |        |       | 0     | 19.88 | -5.01   | 14.87   | <=33.01 | Pass    |
|       |        |        | 6     | 19.89 | -5.01 | 14.88   | <=33.01 | Pass    |         |
|       |        |        | 13    | 19.87 | -5.01 | 14.86   | <=33.01 | Pass    |         |
|       | 25     |        | 0     | 19.96 | -5.01 | 14.95   | <=33.01 | Pass    |         |

Note1: EIRP=Conducted Power+Antenna Gain

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      | 21.65                 | -5.01      | 16.64      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 21.65                 | -5.01      | 16.64      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 21.57                 | -5.01      | 16.56      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 20.67                 | -5.01      | 15.66      | <=33.01 | Pass    |
|                                   |                 | 25            | 13     | 20.63                 | -5.01      | 15.62      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 20.59                 | -5.01      | 15.58      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 20.70                 | -5.01      | 15.69      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 21.72                 | -5.01      | 16.71      | <=33.01 | Pass    |
|                                   |                 | 1             | 25     | 21.76                 | -5.01      | 16.75      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 21.78                 | -5.01      | 16.77      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 20.63                 | -5.01      | 15.62      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 20.61                 | -5.01      | 15.60      | <=33.01 | Pass    |
|                                   | 1880            | 25            | 25     | 20.63                 | -5.01      | 15.62      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 20.62                 | -5.01      | 15.61      | <=33.01 | Pass    |

|       |      |    |    |       |       |       |         |      |
|-------|------|----|----|-------|-------|-------|---------|------|
| 16QAM | 1905 | 1  | 0  | 21.63 | -5.01 | 16.62 | <=33.01 | Pass |
|       |      |    | 25 | 21.65 | -5.01 | 16.64 | <=33.01 | Pass |
|       |      |    | 49 | 21.70 | -5.01 | 16.69 | <=33.01 | Pass |
|       |      | 25 | 0  | 20.73 | -5.01 | 15.72 | <=33.01 | Pass |
|       |      |    | 13 | 20.76 | -5.01 | 15.75 | <=33.01 | Pass |
|       |      |    | 25 | 20.72 | -5.01 | 15.71 | <=33.01 | Pass |
|       |      | 50 | 0  | 20.81 | -5.01 | 15.80 | <=33.01 | Pass |
|       | 1855 | 1  | 0  | 20.52 | -5.01 | 15.51 | <=33.01 | Pass |
|       |      |    | 25 | 20.44 | -5.01 | 15.43 | <=33.01 | Pass |
|       |      |    | 49 | 20.47 | -5.01 | 15.46 | <=33.01 | Pass |
|       |      | 25 | 0  | 19.93 | -5.01 | 14.92 | <=33.01 | Pass |
|       |      |    | 13 | 19.87 | -5.01 | 14.86 | <=33.01 | Pass |
|       |      |    | 25 | 19.98 | -5.01 | 14.97 | <=33.01 | Pass |
|       |      | 50 | 0  | 19.80 | -5.01 | 14.79 | <=33.01 | Pass |
|       | 1880 | 1  | 0  | 20.83 | -5.01 | 15.82 | <=33.01 | Pass |
|       |      |    | 25 | 20.86 | -5.01 | 15.85 | <=33.01 | Pass |
|       |      |    | 49 | 20.92 | -5.01 | 15.91 | <=33.01 | Pass |
|       |      | 25 | 0  | 19.89 | -5.01 | 14.88 | <=33.01 | Pass |
|       |      |    | 13 | 19.89 | -5.01 | 14.88 | <=33.01 | Pass |
|       |      |    | 25 | 19.90 | -5.01 | 14.89 | <=33.01 | Pass |
|       |      | 50 | 0  | 19.87 | -5.01 | 14.86 | <=33.01 | Pass |
|       | 1905 | 1  | 0  | 21.22 | -5.01 | 16.21 | <=33.01 | Pass |
|       |      |    | 25 | 21.24 | -5.01 | 16.23 | <=33.01 | Pass |
|       |      |    | 49 | 21.20 | -5.01 | 16.19 | <=33.01 | Pass |
|       |      | 25 | 0  | 19.90 | -5.01 | 14.89 | <=33.01 | Pass |
|       |      |    | 13 | 19.87 | -5.01 | 14.86 | <=33.01 | Pass |
|       |      |    | 25 | 19.87 | -5.01 | 14.86 | <=33.01 | Pass |
|       |      | 50 | 0  | 19.87 | -5.01 | 14.86 | <=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      | 21.45                 | -5.01      | 16.44      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.45                 | -5.01      | 16.44      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.49                 | -5.01      | 16.48      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.45                 | -5.01      | 15.44      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.53                 | -5.01      | 15.52      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 20.51                 | -5.01      | 15.50      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.52                 | -5.01      | 15.51      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 21.41                 | -5.01      | 16.40      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.51                 | -5.01      | 16.50      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.51                 | -5.01      | 16.50      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.52                 | -5.01      | 15.51      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.66                 | -5.01      | 15.65      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 20.56                 | -5.01      | 15.55      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.68                 | -5.01      | 15.67      | <=33.01 | Pass    |
|                                   | 1902.5          | 1             | 0      | 21.72                 | -5.01      | 16.71      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 21.83                 | -5.01      | 16.82      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 21.86                 | -5.01      | 16.85      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 20.73                 | -5.01      | 15.72      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 20.79                 | -5.01      | 15.78      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 20.84                 | -5.01      | 15.83      | <=33.01 | Pass    |
|                                   |                 | 75            | 0      | 20.83                 | -5.01      | 15.82      | <=33.01 | Pass    |
| 16QAM                             | 1857.5          | 1             | 0      | 20.99                 | -5.01      | 15.98      | <=33.01 | Pass    |

|  |        |    |       |       |       |         |         |      |
|--|--------|----|-------|-------|-------|---------|---------|------|
|  |        |    | 38    | 21.03 | -5.01 | 16.02   | <=33.01 | Pass |
|  |        |    | 74    | 21.05 | -5.01 | 16.04   | <=33.01 | Pass |
|  |        | 36 | 0     | 19.65 | -5.01 | 14.64   | <=33.01 | Pass |
|  |        |    | 18    | 19.62 | -5.01 | 14.61   | <=33.01 | Pass |
|  |        |    | 39    | 19.68 | -5.01 | 14.67   | <=33.01 | Pass |
|  |        | 75 | 0     | 19.65 | -5.01 | 14.64   | <=33.01 | Pass |
|  | 1880   | 1  | 0     | 20.76 | -5.01 | 15.75   | <=33.01 | Pass |
|  |        |    | 38    | 20.87 | -5.01 | 15.86   | <=33.01 | Pass |
|  |        |    | 74    | 20.89 | -5.01 | 15.88   | <=33.01 | Pass |
|  |        | 36 | 0     | 19.68 | -5.01 | 14.67   | <=33.01 | Pass |
|  |        |    | 18    | 19.76 | -5.01 | 14.75   | <=33.01 | Pass |
|  |        |    | 39    | 19.74 | -5.01 | 14.73   | <=33.01 | Pass |
|  | 75     | 0  | 19.71 | -5.01 | 14.70 | <=33.01 | Pass    |      |
|  | 1902.5 | 1  | 0     | 20.90 | -5.01 | 15.89   | <=33.01 | Pass |
|  |        |    | 38    | 21.03 | -5.01 | 16.02   | <=33.01 | Pass |
|  |        |    | 74    | 21.03 | -5.01 | 16.02   | <=33.01 | Pass |
|  |        | 36 | 0     | 19.94 | -5.01 | 14.93   | <=33.01 | Pass |
|  |        |    | 18    | 19.93 | -5.01 | 14.92   | <=33.01 | Pass |
|  |        |    | 39    | 19.96 | -5.01 | 14.95   | <=33.01 | Pass |
|  | 75     | 0  | 19.89 | -5.01 | 14.88 | <=33.01 | Pass    |      |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.6 B2\_20MHz\_EIRP

| Band: 2 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1860            | 1             | 0      | 21.80                 | -5.01      | 16.79      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 21.72                 | -5.01      | 16.71      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 21.83                 | -5.01      | 16.82      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 20.68                 | -5.01      | 15.67      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 20.81                 | -5.01      | 15.80      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 20.73                 | -5.01      | 15.72      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 20.82                 | -5.01      | 15.81      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 21.79                 | -5.01      | 16.78      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 21.84                 | -5.01      | 16.83      | <=33.01 | Pass    |
|                                   |                 | 1880          | 99     | 21.95                 | -5.01      | 16.94      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 20.80                 | -5.01      | 15.79      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 20.80                 | -5.01      | 15.79      | <=33.01 | Pass    |
|                                   | 1900            | 50            | 50     | 20.90                 | -5.01      | 15.89      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 20.85                 | -5.01      | 15.84      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 21.96                 | -5.01      | 16.95      | <=33.01 | Pass    |
|                                   |                 | 1             | 50     | 22.04                 | -5.01      | 17.03      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 21.98                 | -5.01      | 16.97      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 20.94                 | -5.01      | 15.93      | <=33.01 | Pass    |
|                                   |                 | 50            | 25     | 20.91                 | -5.01      | 15.90      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 21.02                 | -5.01      | 16.01      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 20.92                 | -5.01      | 15.91      | <=33.01 | Pass    |
| 16QAM                             | 1860            | 1             | 0      | 21.54                 | -5.01      | 16.53      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 21.56                 | -5.01      | 16.55      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 21.54                 | -5.01      | 16.53      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 19.80                 | -5.01      | 14.79      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 19.85                 | -5.01      | 14.84      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 19.94                 | -5.01      | 14.93      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 19.95                 | -5.01      | 14.94      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 20.73                 | -5.01      | 15.72      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 20.83                 | -5.01      | 15.82      | <=33.01 | Pass    |
|                                   | 1880            | 1             |        |                       |            |            |         |         |

|  |                                          |     |    |       |       |       |         |      |
|--|------------------------------------------|-----|----|-------|-------|-------|---------|------|
|  |                                          |     | 99 | 20.84 | -5.01 | 15.83 | <=33.01 | Pass |
|  |                                          | 50  | 0  | 19.92 | -5.01 | 14.91 | <=33.01 | Pass |
|  |                                          |     | 25 | 19.98 | -5.01 | 14.97 | <=33.01 | Pass |
|  |                                          |     | 50 | 19.92 | -5.01 | 14.91 | <=33.01 | Pass |
|  |                                          | 100 | 0  | 19.87 | -5.01 | 14.86 | <=33.01 | Pass |
|  | 1900                                     | 1   | 0  | 21.02 | -5.01 | 16.01 | <=33.01 | Pass |
|  |                                          |     | 50 | 21.08 | -5.01 | 16.07 | <=33.01 | Pass |
|  |                                          |     | 99 | 21.17 | -5.01 | 16.16 | <=33.01 | Pass |
|  |                                          | 50  | 0  | 20.06 | -5.01 | 15.05 | <=33.01 | Pass |
|  |                                          |     | 25 | 20.07 | -5.01 | 15.06 | <=33.01 | Pass |
|  |                                          |     | 50 | 20.14 | -5.01 | 15.13 | <=33.01 | Pass |
|  |                                          | 100 | 0  | 20.07 | -5.01 | 15.06 | <=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          | 11.272           | 0.0061                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 17.924           | 0.0097                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 17.853           | 0.0096                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 34.261           | 0.0185                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -7.253           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 9.069            | 0.0049                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 26.293           | 0.0142                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 6.709            | 0.0036                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 18.797           | 0.0102                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 29.054           | 0.0157                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | 43.788           | 0.0237                | -2.5 to 2.5 | Pass    |
|                             | 1880            | 6             | 0      | 20         | 3.27          | -0.029           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 4.292            | 0.0023                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 4.821            | 0.0026                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -1.788           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -2.990           | -0.0016               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -2.332           | -0.0012               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -7.353           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -9.155           | -0.0049               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -10.185          | -0.0054               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -13.433          | -0.0071               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -17.052          | -0.0091               | -2.5 to 2.5 | Pass    |
|                             | 1909.3          | 6             | 0      | 20         | 3.27          | -8.154           | -0.0043               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -15.879          | -0.0083               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -25.792          | -0.0135               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -29.855          | -0.0156               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -38.180          | -0.0200               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -43.659          | -0.0229               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -46.248          | -0.0242               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 11.072           | 0.0058                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 4.077            | 0.0021                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 1.845            | 0.0010                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -1.731           | -0.0009               | -2.5 to 2.5 | Pass    |

|       |        |   |   |     |      |         |         |             |      |
|-------|--------|---|---|-----|------|---------|---------|-------------|------|
| 16QAM | 1850.7 | 6 | 0 | 20  | 3.27 | 4.020   | 0.0022  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | 7.653   | 0.0041  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | 13.103  | 0.0071  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | 16.565  | 0.0090  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | 16.265  | 0.0088  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | 20.142  | 0.0109  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | 23.689  | 0.0128  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | 21.214  | 0.0115  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | 23.732  | 0.0128  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | 25.020  | 0.0135  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | 21.086  | 0.0114  | -2.5 to 2.5 | Pass |
|       | 1880   | 6 | 0 | 20  | 3.27 | -17.052 | -0.0091 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | -15.707 | -0.0084 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | -13.418 | -0.0071 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | -3.519  | -0.0019 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | 3.104   | 0.0017  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | -5.908  | -0.0031 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | -9.899  | -0.0053 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | -15.106 | -0.0080 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | -23.217 | -0.0123 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | -25.806 | -0.0137 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | -29.039 | -0.0154 | -2.5 to 2.5 | Pass |
|       | 1909.3 | 6 | 0 | 20  | 3.27 | -8.183  | -0.0043 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | -12.259 | -0.0064 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | -13.046 | -0.0068 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | -19.798 | -0.0104 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | -21.014 | -0.0110 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | -20.943 | -0.0110 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | -27.881 | -0.0146 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | -30.670 | -0.0161 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | -28.567 | -0.0150 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | -26.050 | -0.0136 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | -28.267 | -0.0148 | -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          | 5.393            | 0.0029                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -14.405          | -0.0078               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -24.047          | -0.0130               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -9.842           | -0.0053               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -10.371          | -0.0056               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -10.800          | -0.0058               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -7.267           | -0.0039               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | -6.208           | -0.0034               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -5.665           | -0.0031               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | -5.193           | -0.0028               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | -2.804           | -0.0015               | -2.5 to 2.5 | Pass    |
|                           | 1880            | 15            | 0      | 20         | 3.27          | 6.566            | 0.0035                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | 0.787            | 0.0004                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -4.692           | -0.0025               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -5.465           | -0.0029               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -0.887           | -0.0005               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | 4.163            | 0.0022                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | 11.530           | 0.0061                | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
| 16QAM | 1908.5 | 15 | 0 | 10  | 3.85 | 19.956  | 0.0106  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 28.210  | 0.0150  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 36.721  | 0.0195  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 44.317  | 0.0236  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | -13.347 | -0.0070 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -17.724 | -0.0093 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -21.386 | -0.0112 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -18.711 | -0.0098 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -13.232 | -0.0069 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -7.081  | -0.0037 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -1.273  | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 3.648   | 0.0019  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 9.856   | 0.0052  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 15.321  | 0.0080  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 19.984  | 0.0105  | -2.5 to 2.5 | Pass |
|       | 1851.5 | 15 | 0 | 20  | 3.27 | -1.059  | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 1.116   | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 4.177   | 0.0023  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 5.450   | 0.0029  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 7.210   | 0.0039  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 7.911   | 0.0043  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -17.395 | -0.0094 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -37.808 | -0.0204 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 10.271  | 0.0055  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 2.861   | 0.0015  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -1.574  | -0.0009 | -2.5 to 2.5 | Pass |
|       | 1880   | 15 | 0 | 20  | 3.27 | 52.056  | 0.0277  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 21.544  | 0.0115  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 25.549  | 0.0136  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 26.436  | 0.0141  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 27.394  | 0.0146  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 31.385  | 0.0167  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 33.417  | 0.0178  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 35.791  | 0.0190  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 38.824  | 0.0207  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 32.716  | 0.0174  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 36.292  | 0.0193  | -2.5 to 2.5 | Pass |
|       | 1908.5 | 15 | 0 | 20  | 3.27 | 22.717  | 0.0119  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 29.597  | 0.0155  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 33.317  | 0.0175  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 34.103  | 0.0179  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 35.305  | 0.0185  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 37.408  | 0.0196  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 2.260   | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 2.232   | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 3.877   | 0.0020  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 4.663   | 0.0024  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 7.224   | 0.0038  | -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          | -10.657          | -0.0058               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -29.655          | -0.0160               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | 9.055            | 0.0049                | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
| 16QAM | 1880   | 25 | 0 | -30 | 3.85 | 5.293   | 0.0029  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 28.052  | 0.0151  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 12.774  | 0.0069  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 25.449  | 0.0137  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 44.489  | 0.0240  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 10.757  | 0.0058  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 23.117  | 0.0125  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 37.837  | 0.0204  | -2.5 to 2.5 | Pass |
|       | 1907.5 | 25 | 0 | 20  | 3.27 | 6.008   | 0.0032  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.85 | 9.198   | 0.0049  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 9.212   | 0.0049  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 10.157  | 0.0054  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 13.247  | 0.0070  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 15.893  | 0.0085  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -16.909 | -0.0090 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -11.487 | -0.0061 | -2.5 to 2.5 | Pass |
|       | 1907.5 | 25 | 0 | 30  | 3.85 | 19.012  | 0.0101  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 11.716  | 0.0062  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 16.050  | 0.0085  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | 25.792  | 0.0135  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.85 | 38.452  | 0.0202  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 34.060  | 0.0179  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 37.422  | 0.0196  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 48.552  | 0.0255  | -2.5 to 2.5 | Pass |
|       | 1852.5 | 25 | 0 | -10 | 3.85 | -3.448  | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 7.753   | 0.0041  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 16.866  | 0.0088  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 24.920  | 0.0131  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 37.007  | 0.0194  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 46.206  | 0.0242  | -2.5 to 2.5 | Pass |
|       | 1880   | 25 | 0 | 20  | 3.27 | 0.386   | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.85 | 12.202  | 0.0066  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 22.259  | 0.0120  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 33.646  | 0.0182  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 36.592  | 0.0198  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -1.130  | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 4.492   | 0.0024  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 9.069   | 0.0049  | -2.5 to 2.5 | Pass |
|       | 1880   | 25 | 0 | 30  | 3.85 | 13.661  | 0.0074  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 17.524  | 0.0095  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 23.146  | 0.0125  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | 18.582  | 0.0099  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.85 | 23.274  | 0.0124  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 27.623  | 0.0147  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 30.370  | 0.0162  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 32.387  | 0.0172  | -2.5 to 2.5 | Pass |
|       | 1907.5 | 25 | 0 | -10 | 3.85 | 34.919  | 0.0186  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 37.594  | 0.0200  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 40.140  | 0.0214  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 4.950   | 0.0026  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 11.315  | 0.0060  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -18.682 | -0.0099 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | 20.113  | 0.0105  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.85 | -24.290 | -0.0127 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -3.791  | -0.0020 | -2.5 to 2.5 | Pass |
|       | 1907.5 | 25 | 0 | -30 | 3.85 | 5.622   | 0.0029  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -10.085 | -0.0053 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 19.856  | 0.0104  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 40.426  | 0.0212  | -2.5 to 2.5 | Pass |

|  |  |  |  |    |      |        |         |             |      |
|--|--|--|--|----|------|--------|---------|-------------|------|
|  |  |  |  | 10 | 3.85 | 18.353 | 0.0096  | -2.5 to 2.5 | Pass |
|  |  |  |  | 30 | 3.85 | 37.651 | 0.0197  | -2.5 to 2.5 | Pass |
|  |  |  |  | 40 | 3.85 | -8.368 | -0.0044 | -2.5 to 2.5 | Pass |
|  |  |  |  | 50 | 3.85 | 4.292  | 0.0023  | -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          | -21.629          | -0.0117               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -11.158          | -0.0060               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 19.112           | 0.0103                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 30.527           | 0.0165                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 5.894            | 0.0032                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 29.025           | 0.0156                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 15.850           | 0.0085                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 19.026           | 0.0103                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 35.849           | 0.0193                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 1.144            | 0.0006                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 14.148           | 0.0076                | -2.5 to 2.5 | Pass    |
|                            | 1880            | 50            | 0      | 20         | 3.27          | 2.861            | 0.0015                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 0.072            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 2.718            | 0.0014                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 4.663            | 0.0025                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 9.112            | 0.0048                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 14.148           | 0.0075                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 18.997           | 0.0101                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 25.563           | 0.0136                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 30.513           | 0.0162                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 37.808           | 0.0201                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -7.854           | -0.0042               | -2.5 to 2.5 | Pass    |
|                            | 1905            | 50            | 0      | 20         | 3.27          | 14.505           | 0.0076                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 6.824            | 0.0036                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 21.272           | 0.0112                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -3.676           | -0.0019               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 32.015           | 0.0168                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 23.389           | 0.0123                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 45.419           | 0.0238                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 10.114           | 0.0053                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 21.286           | 0.0112                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 29.569           | 0.0155                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 37.508           | 0.0197                | -2.5 to 2.5 | Pass    |
| 16QAM                      | 1855            | 50            | 0      | 20         | 3.27          | 27.523           | 0.0148                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 41.370           | 0.0223                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 13.518           | 0.0073                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 21.815           | 0.0118                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 26.822           | 0.0145                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 31.729           | 0.0171                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 37.136           | 0.0200                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 43.502           | 0.0235                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 51.756           | 0.0279                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -5.450           | -0.0029               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 2.260            | 0.0012                | -2.5 to 2.5 | Pass    |
|                            | 1880            | 50            | 0      | 20         | 3.27          | -11.358          | -0.0060               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -13.390          | -0.0071               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -21.243          | -0.0113               | -2.5 to 2.5 | Pass    |

|  |      |    |   |     |      |         |         |             |      |
|--|------|----|---|-----|------|---------|---------|-------------|------|
|  |      |    |   | -30 | 3.85 | -47.164 | -0.0251 | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.85 | -2.303  | -0.0012 | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.85 | -15.249 | -0.0081 | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.85 | -21.987 | -0.0117 | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.85 | -29.054 | -0.0155 | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.85 | -35.148 | -0.0187 | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.85 | -39.411 | -0.0210 | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.85 | -42.887 | -0.0228 | -2.5 to 2.5 | Pass |
|  | 1905 | 50 | 0 | 20  | 3.27 | -6.180  | -0.0032 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 3.85 | -0.458  | -0.0002 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 4.43 | 1.473   | 0.0008  | -2.5 to 2.5 | Pass |
|  |      |    |   | -30 | 3.85 | -1.416  | -0.0007 | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.85 | -4.621  | -0.0024 | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.85 | -7.768  | -0.0041 | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.85 | -7.768  | -0.0041 | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.85 | -7.081  | -0.0037 | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.85 | -3.033  | -0.0016 | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.85 | 1.903   | 0.0010  | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.85 | 0.372   | 0.0002  | -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          | -41.499          | -0.0223               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 30.084           | 0.0162                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 42.686           | 0.0230                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 39.768           | 0.0214                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 39.153           | 0.0211                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 6.838            | 0.0037                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 1.616            | 0.0009                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -6.509           | -0.0035               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -14.806          | -0.0080               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -22.388          | -0.0121               | -2.5 to 2.5 | Pass    |
|                            | 1880            | 75            | 0      | 20         | 3.27          | -1.588           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.143           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 17.438           | 0.0093                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 13.018           | 0.0069                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -0.973           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -29.855          | -0.0159               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -20.514          | -0.0109               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 23.632           | 0.0126                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 26.679           | 0.0142                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 23.518           | 0.0125                | -2.5 to 2.5 | Pass    |
|                            | 1902.5          | 75            | 0      | 20         | 3.27          | 8.969            | 0.0047                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 4.478            | 0.0024                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 1.616            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 7.839            | 0.0041                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 16.594           | 0.0087                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 26.636           | 0.0140                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -7.095           | -0.0037               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -43.201          | -0.0227               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 12.817           | 0.0067                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -12.646          | -0.0066               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
| 16QAM | 1857.5 | 75 | 0 | 50  | 3.85 | 5.765   | 0.0030  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | -27.752 | -0.0149 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -35.377 | -0.0190 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -33.302 | -0.0179 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -35.949 | -0.0194 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -42.429 | -0.0228 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -41.227 | -0.0222 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.072   | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -2.761  | -0.0015 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.672   | 0.0004  | -2.5 to 2.5 | Pass |
|       | 1880   | 75 | 0 | 40  | 3.85 | 5.021   | 0.0027  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 10.486  | 0.0056  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | 13.332  | 0.0071  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 10.200  | 0.0054  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 3.762   | 0.0020  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -2.203  | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -5.765  | -0.0031 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -10.600 | -0.0056 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -41.714 | -0.0222 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -28.167 | -0.0150 | -2.5 to 2.5 | Pass |
|       | 1902.5 | 75 | 0 | 30  | 3.85 | -30.313 | -0.0161 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -31.257 | -0.0166 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -32.873 | -0.0175 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | 26.894  | 0.0141  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 13.347  | 0.0070  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 29.397  | 0.0155  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 42.801  | 0.0225  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -5.851  | -0.0031 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 9.270   | 0.0049  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 22.416  | 0.0118  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 35.977  | 0.0189  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 22.445  | 0.0118  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 21.715  | 0.0114  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 34.719  | 0.0182  | -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          | -34.189          | -0.0184               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -15.693          | -0.0084               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 14.462           | 0.0078                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 13.204           | 0.0071                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 47.035           | 0.0253                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 15.621           | 0.0084                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -19.240          | -0.0103               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -29.926          | -0.0161               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -32.587          | -0.0175               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -32.630          | -0.0175               | -2.5 to 2.5 | Pass    |
|                            | 1880            | 100           | 0      | 50         | 3.85          | -32.001          | -0.0172               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 20         | 3.27          | 3.190            | 0.0017                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.887           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -1.402           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -6.337           | -0.0034               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -9.570           | -0.0051               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -10.800          | -0.0057               | -2.5 to 2.5 | Pass    |

|       |      |     |   |     |      |         |         |             |      |
|-------|------|-----|---|-----|------|---------|---------|-------------|------|
|       |      |     |   | 0   | 3.85 | -15.550 | -0.0083 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -18.926 | -0.0101 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -22.316 | -0.0119 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -29.712 | -0.0158 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -33.903 | -0.0180 | -2.5 to 2.5 | Pass |
|       | 1900 | 100 | 0 | 20  | 3.27 | 4.849   | 0.0026  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -24.161 | -0.0127 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -25.778 | -0.0136 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -19.369 | -0.0102 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -38.724 | -0.0204 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | 11.086  | 0.0058  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | 3.204   | 0.0017  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | 0.057   | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -1.016  | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | 2.503   | 0.0013  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 11.616  | 0.0061  | -2.5 to 2.5 | Pass |
| 16QAM | 1860 | 100 | 0 | 20  | 3.27 | -26.236 | -0.0141 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -18.525 | -0.0100 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -15.836 | -0.0085 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -10.414 | -0.0056 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -7.567  | -0.0041 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -5.751  | -0.0031 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | 0.315   | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | 1.802   | 0.0010  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | 0.215   | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | 1.531   | 0.0008  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -1.431  | -0.0008 | -2.5 to 2.5 | Pass |
|       | 1880 | 100 | 0 | 20  | 3.27 | -38.109 | -0.0203 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | 4.449   | 0.0024  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | 1.216   | 0.0006  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | 2.546   | 0.0014  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | 10.057  | 0.0053  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | 14.091  | 0.0075  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | 5.307   | 0.0028  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | -7.696  | -0.0041 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -14.620 | -0.0078 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -22.817 | -0.0121 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -31.614 | -0.0168 | -2.5 to 2.5 | Pass |
|       | 1900 | 100 | 0 | 20  | 3.27 | 21.057  | 0.0111  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | 28.768  | 0.0151  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | 28.825  | 0.0152  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | 25.148  | 0.0132  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | 28.768  | 0.0151  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | 33.903  | 0.0178  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | 40.970  | 0.0216  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | 36.321  | 0.0191  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -5.221  | -0.0027 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | 8.440   | 0.0044  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 19.426  | 0.0102  | -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 / NTNV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| 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 / NTNV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| 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

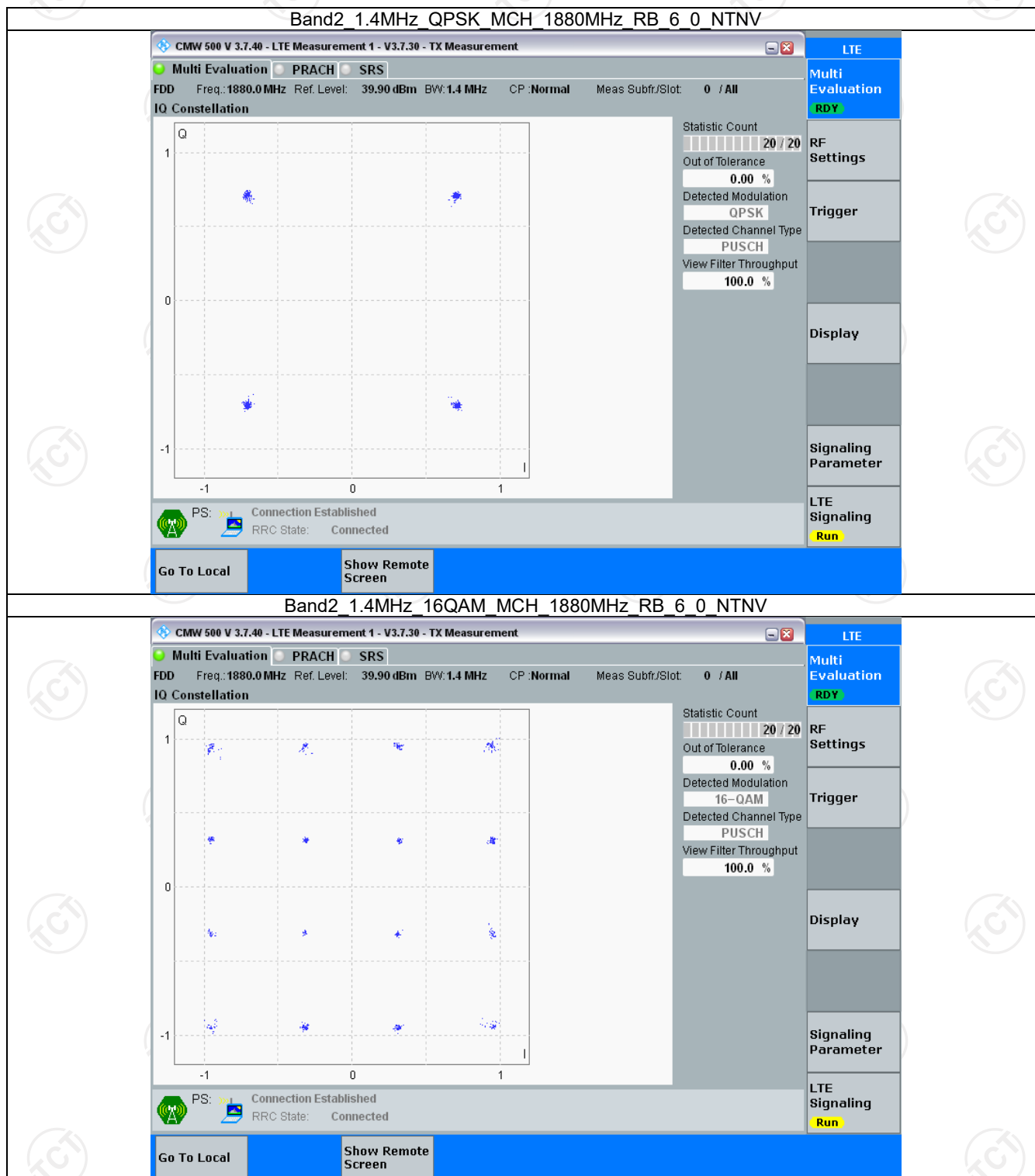
| Band: 2 / Bandwidth: 15MHz / NTNV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (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

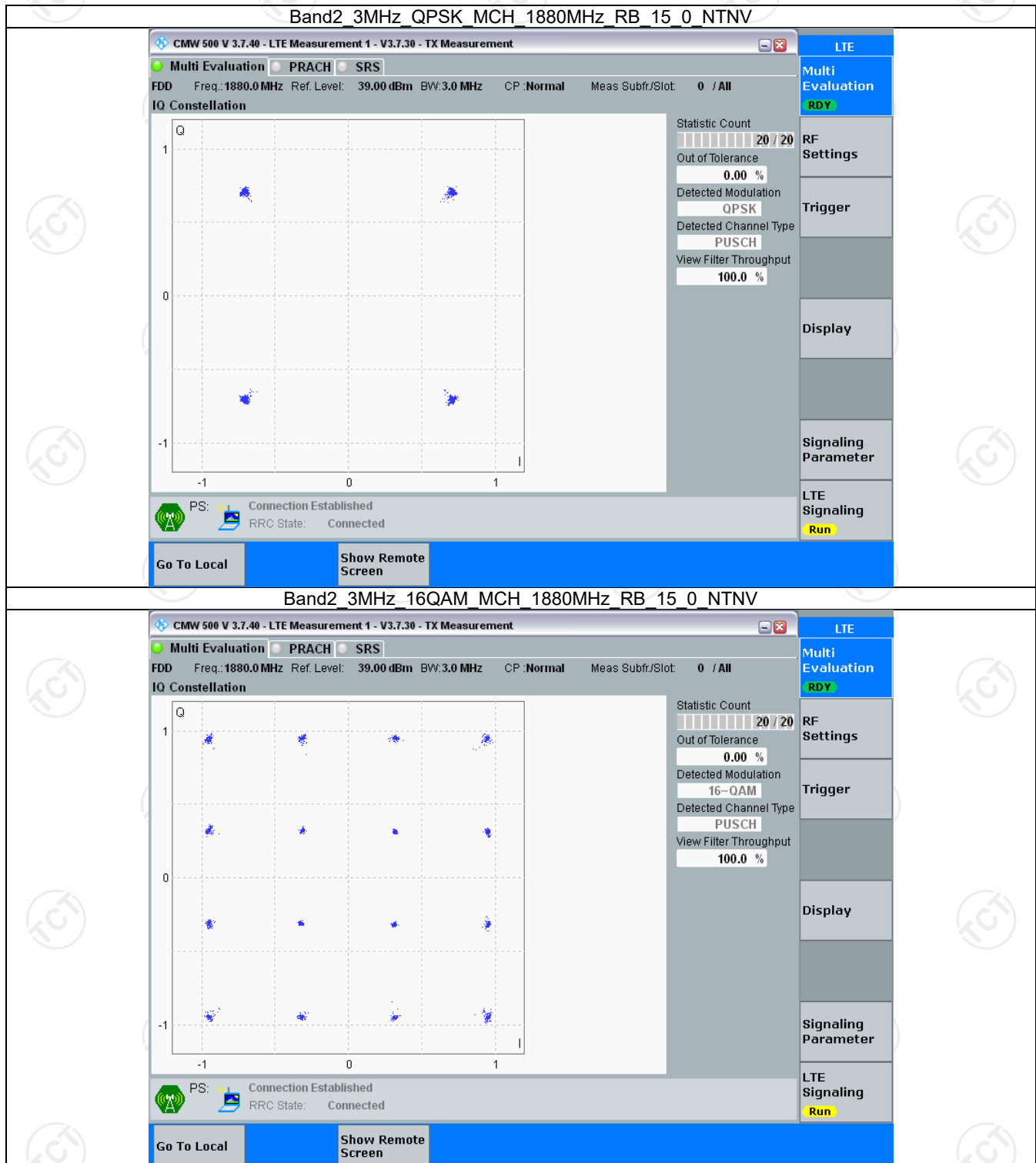
| Band: 2 / Bandwidth: 20MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (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

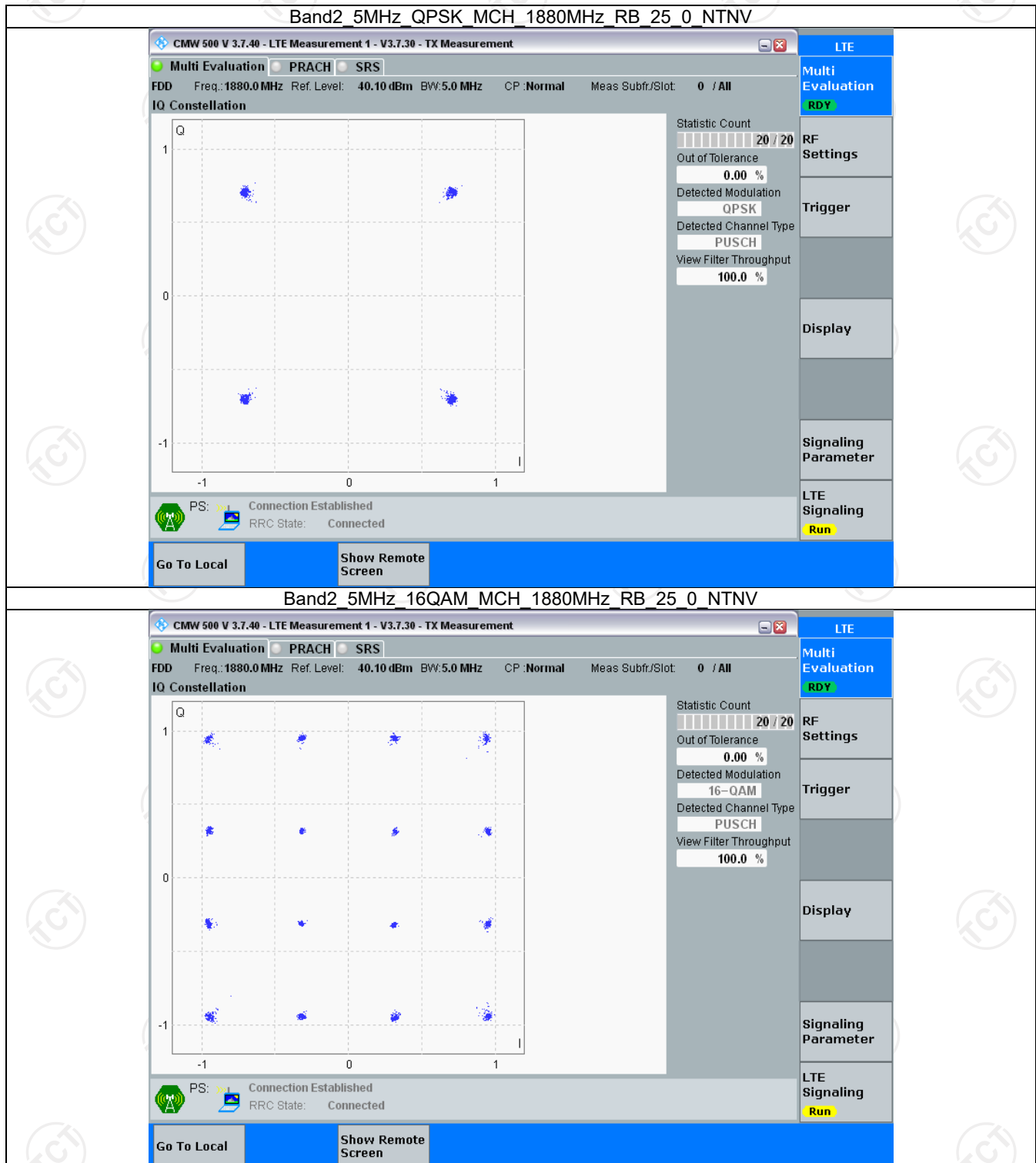
### 3.2.1 B2\_1.4MHz



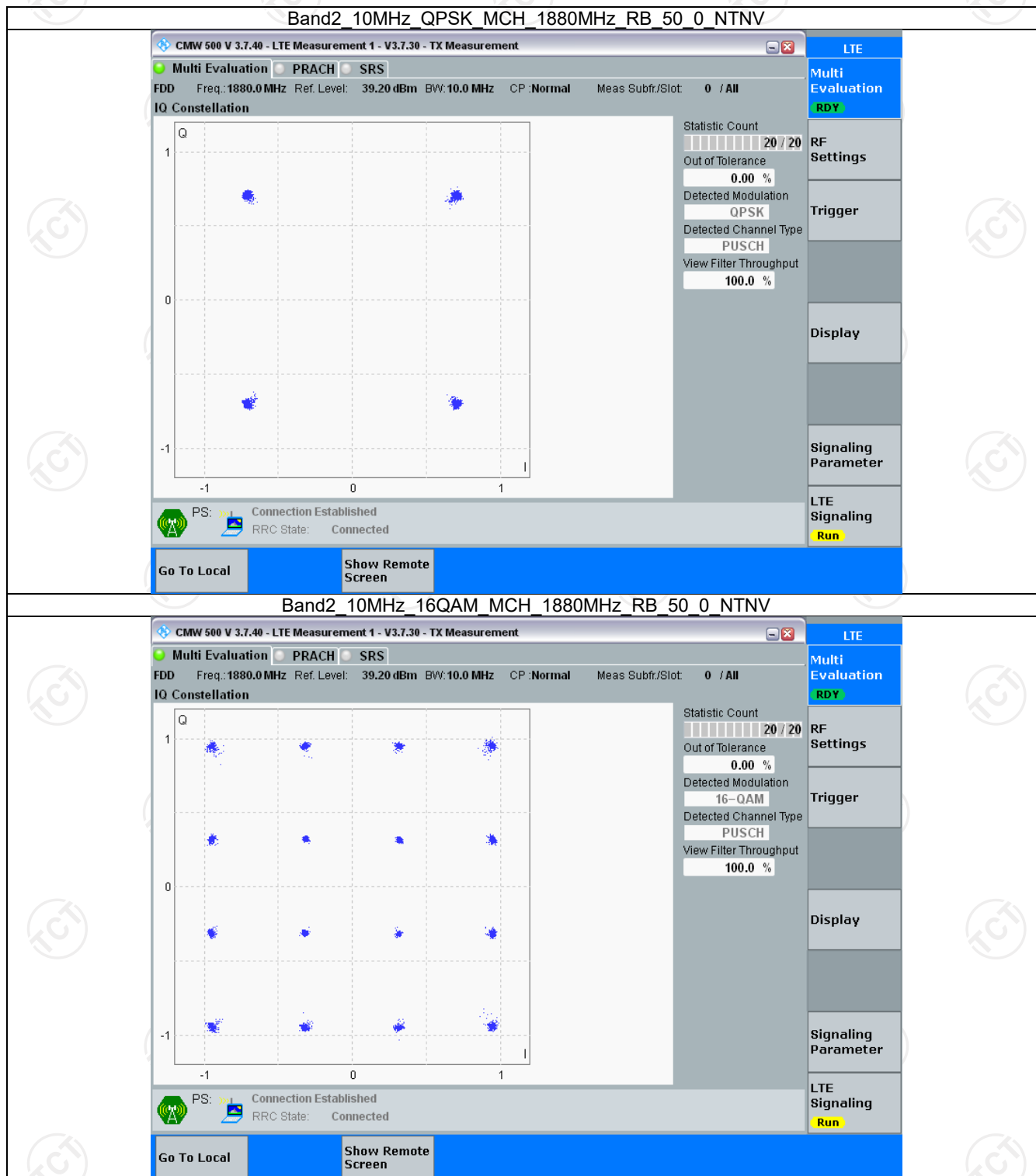
### 3.2.2 B2\_3MHz



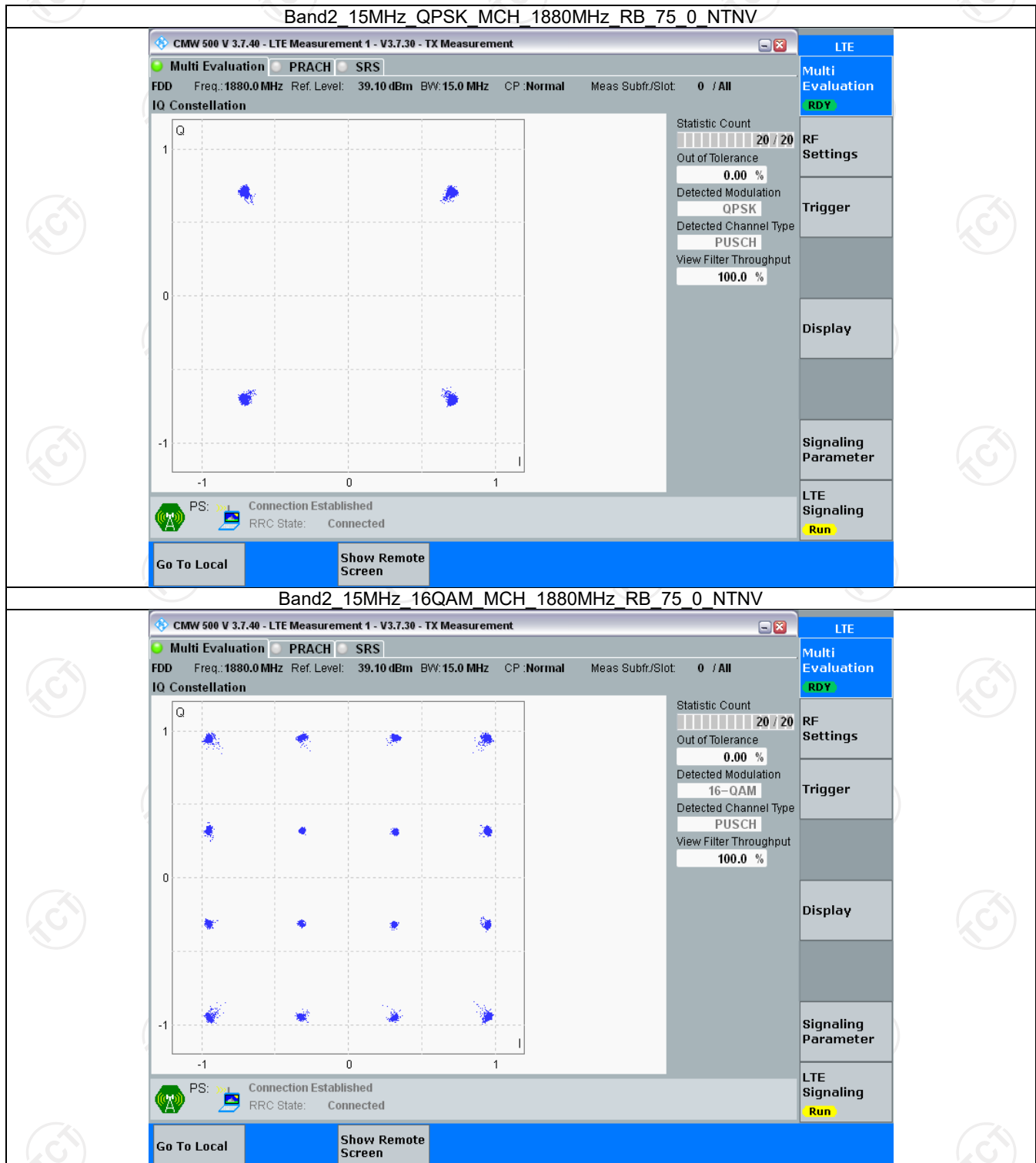
### 3.2.3 B2\_5MHz



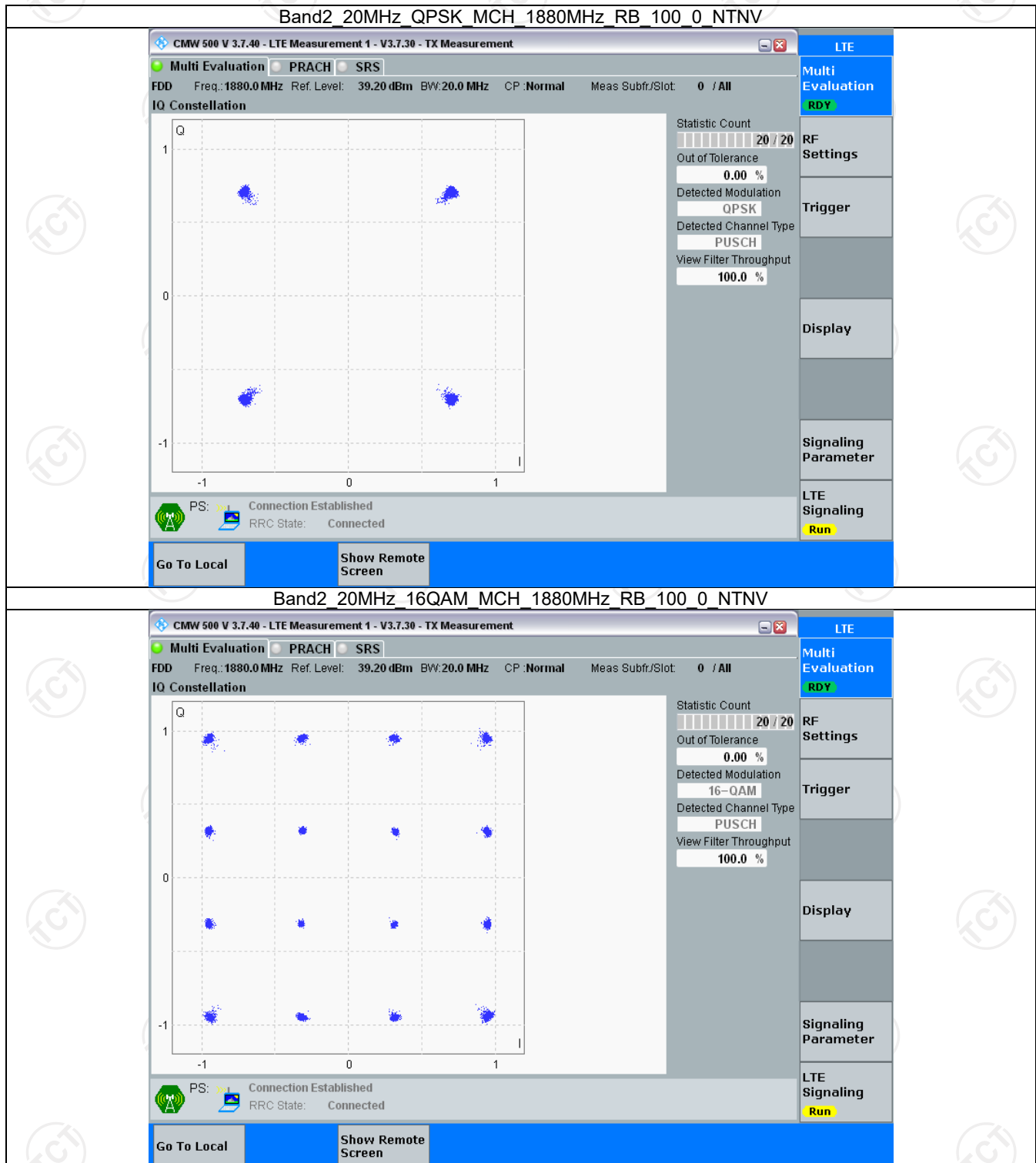
### 3.2.4 B2\_10MHz



### 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      | 1.117                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.114                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.118                        | /     | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 1.121                        | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.112                        | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.105                        | /     | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 2.759                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.750                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.752                        | /     | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 2.764                        | /     | Pass    |
|                 |            | 1880            | 15            | 0      | 2.759                        | /     | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.769                        | /     | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 4.602                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.589                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.570                        | /     | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 4.581                        | /     | Pass    |
|                 |            | 1880            | 25            | 0      | 4.589                        | /     | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.600                        | /     | Pass    |
| 10              | QPSK       | 1855            | 50            | 0      | 9.119                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.049                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.090                        | /     | Pass    |
|                 | 16QAM      | 1855            | 50            | 0      | 9.077                        | /     | Pass    |
|                 |            | 1880            | 50            | 0      | 9.069                        | /     | Pass    |
|                 |            | 1905            | 50            | 0      | 9.090                        | /     | Pass    |
| 15              | QPSK       | 1857.5          | 75            | 0      | 13.628                       | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 13.599                       | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.632                       | /     | Pass    |
|                 | 16QAM      | 1857.5          | 75            | 0      | 13.594                       | /     | Pass    |
|                 |            | 1880            | 75            | 0      | 13.652                       | /     | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.658                       | /     | Pass    |
| 20              | QPSK       | 1860            | 100           | 0      | 18.171                       | /     | Pass    |
|                 |            | 1880            | 100           | 0      | 18.226                       | /     | Pass    |
|                 |            | 1900            | 100           | 0      | 18.126                       | /     | Pass    |
|                 | 16QAM      | 1860            | 100           | 0      | 18.164                       | /     | Pass    |
|                 |            | 1880            | 100           | 0      | 18.212                       | /     | Pass    |
|                 |            | 1900            | 100           | 0      | 18.132                       | /     | Pass    |

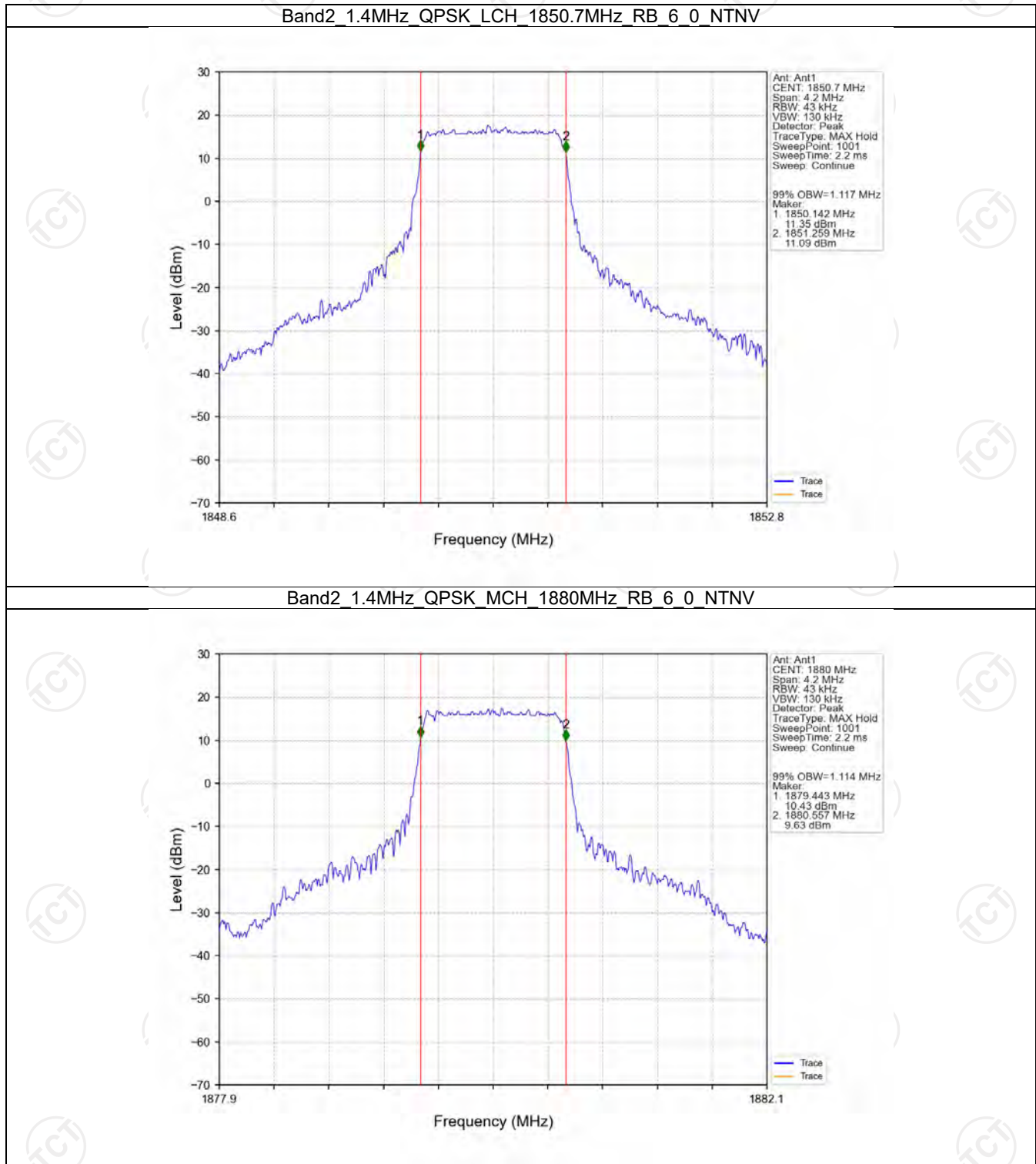
#### 4.1.2 Band2\_XDB

| 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      | 1.346                | /     | Pass    |
|                 |            | 1880            | 6             | 0      | 1.308                | /     | Pass    |
|                 |            | 1909.3          | 6             | 0      | 1.385                | /     | Pass    |

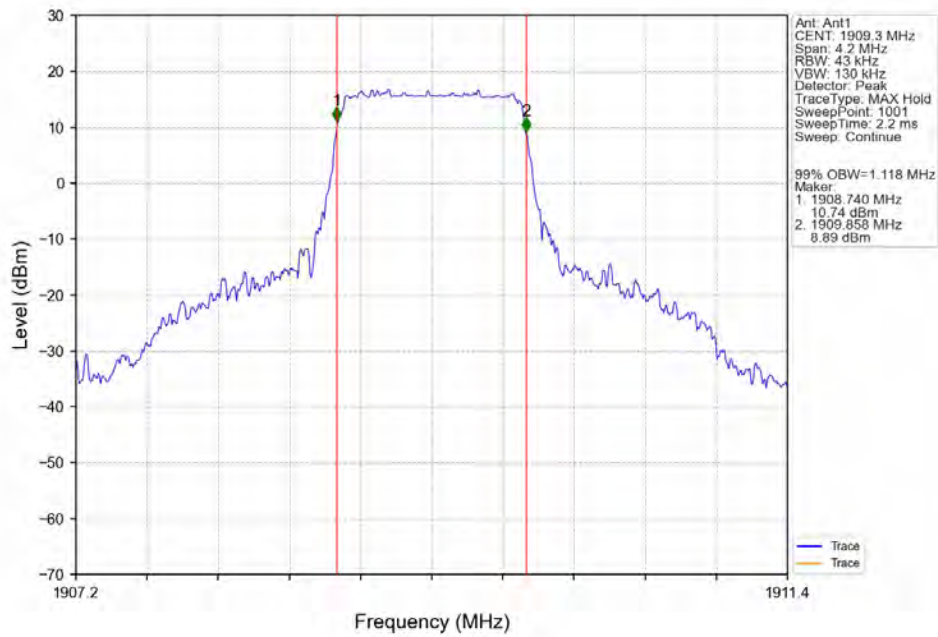
|    |       |        |     |   |        |   |      |
|----|-------|--------|-----|---|--------|---|------|
|    | 16QAM | 1850.7 | 6   | 0 | 1.320  | / | Pass |
|    |       | 1880   | 6   | 0 | 1.361  | / | Pass |
|    |       | 1909.3 | 6   | 0 | 1.318  | / | Pass |
| 3  | QPSK  | 1851.5 | 15  | 0 | 3.133  | / | Pass |
|    |       | 1880   | 15  | 0 | 3.099  | / | Pass |
|    |       | 1908.5 | 15  | 0 | 3.108  | / | Pass |
|    | 16QAM | 1851.5 | 15  | 0 | 3.160  | / | Pass |
|    |       | 1880   | 15  | 0 | 3.102  | / | Pass |
|    |       | 1908.5 | 15  | 0 | 3.116  | / | Pass |
| 5  | QPSK  | 1852.5 | 25  | 0 | 5.551  | / | Pass |
|    |       | 1880   | 25  | 0 | 5.663  | / | Pass |
|    |       | 1907.5 | 25  | 0 | 5.520  | / | Pass |
|    | 16QAM | 1852.5 | 25  | 0 | 5.651  | / | Pass |
|    |       | 1880   | 25  | 0 | 5.282  | / | Pass |
|    |       | 1907.5 | 25  | 0 | 5.556  | / | Pass |
| 10 | QPSK  | 1855   | 50  | 0 | 10.571 | / | Pass |
|    |       | 1880   | 50  | 0 | 10.413 | / | Pass |
|    |       | 1905   | 50  | 0 | 10.241 | / | Pass |
|    | 16QAM | 1855   | 50  | 0 | 10.492 | / | Pass |
|    |       | 1880   | 50  | 0 | 10.348 | / | Pass |
|    |       | 1905   | 50  | 0 | 10.547 | / | Pass |
| 15 | QPSK  | 1857.5 | 75  | 0 | 15.415 | / | Pass |
|    |       | 1880   | 75  | 0 | 15.439 | / | Pass |
|    |       | 1902.5 | 75  | 0 | 15.437 | / | Pass |
|    | 16QAM | 1857.5 | 75  | 0 | 15.173 | / | Pass |
|    |       | 1880   | 75  | 0 | 15.429 | / | Pass |
|    |       | 1902.5 | 75  | 0 | 15.468 | / | Pass |
| 20 | QPSK  | 1860   | 100 | 0 | 20.504 | / | Pass |
|    |       | 1880   | 100 | 0 | 20.366 | / | Pass |
|    |       | 1900   | 100 | 0 | 20.963 | / | Pass |
|    | 16QAM | 1860   | 100 | 0 | 20.314 | / | Pass |
|    |       | 1880   | 100 | 0 | 20.425 | / | Pass |
|    |       | 1900   | 100 | 0 | 20.685 | / | Pass |

## 4.2 Test Graph

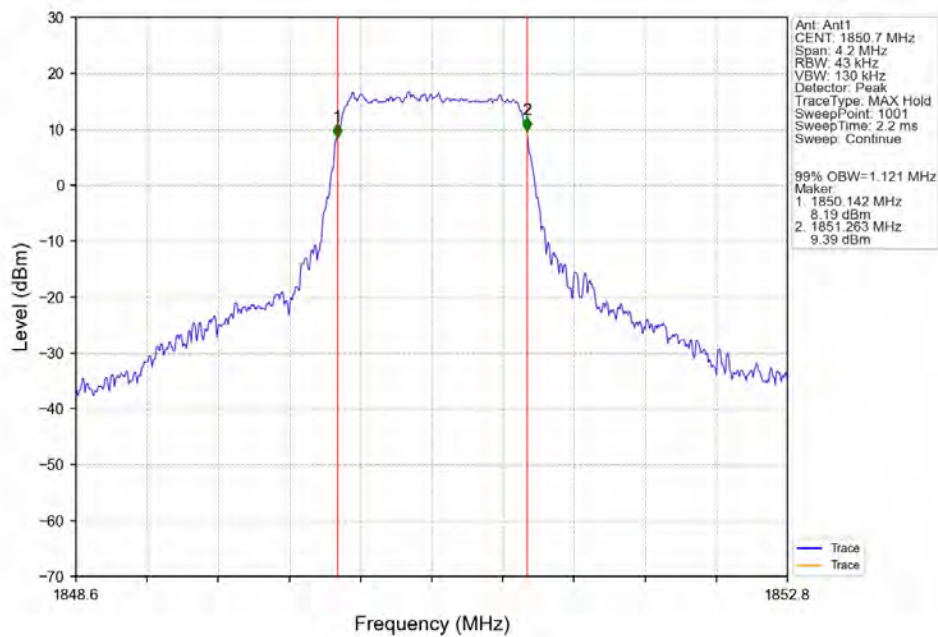
### 4.2.1 Band2\_OBW



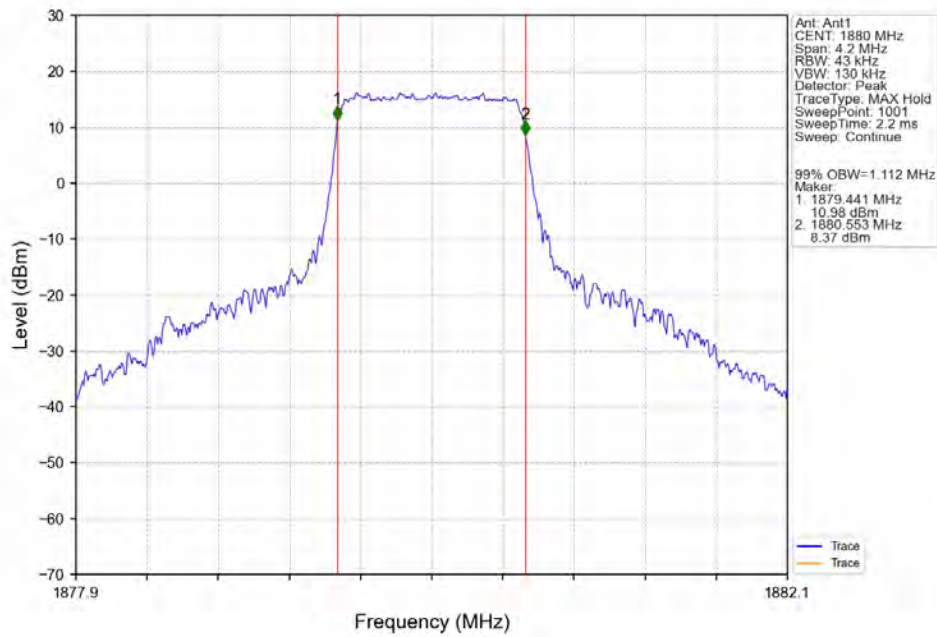
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



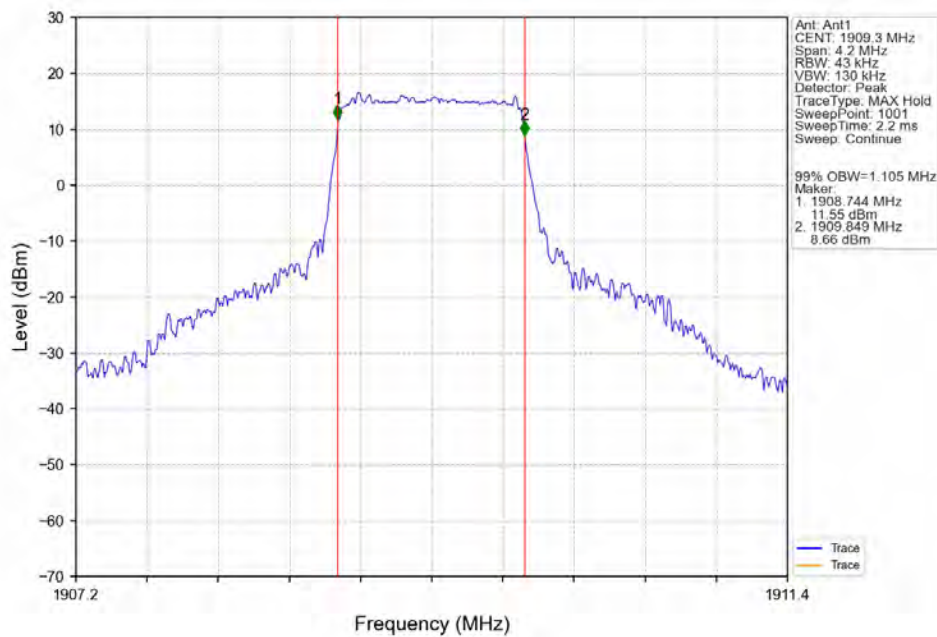
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



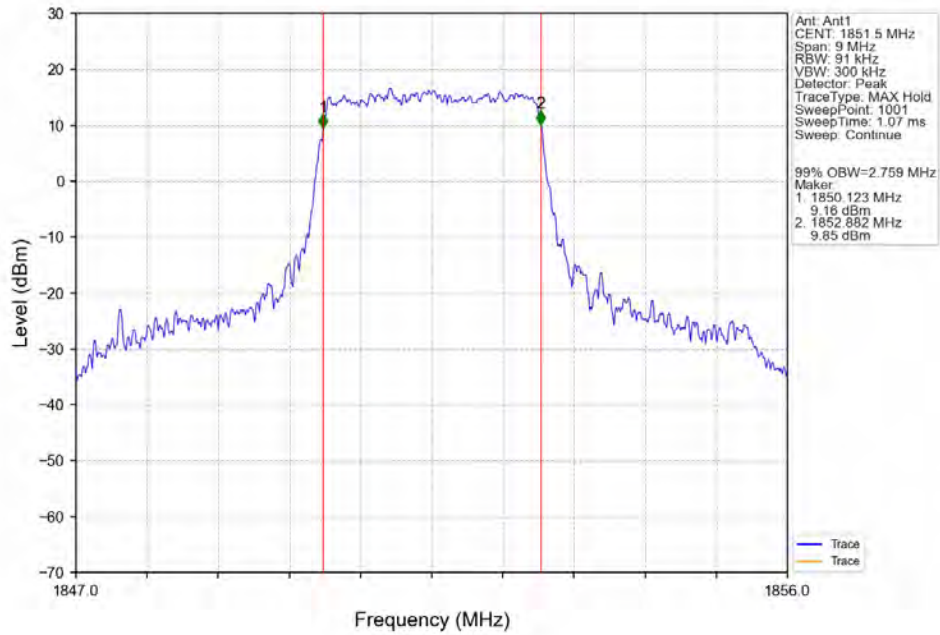
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTV



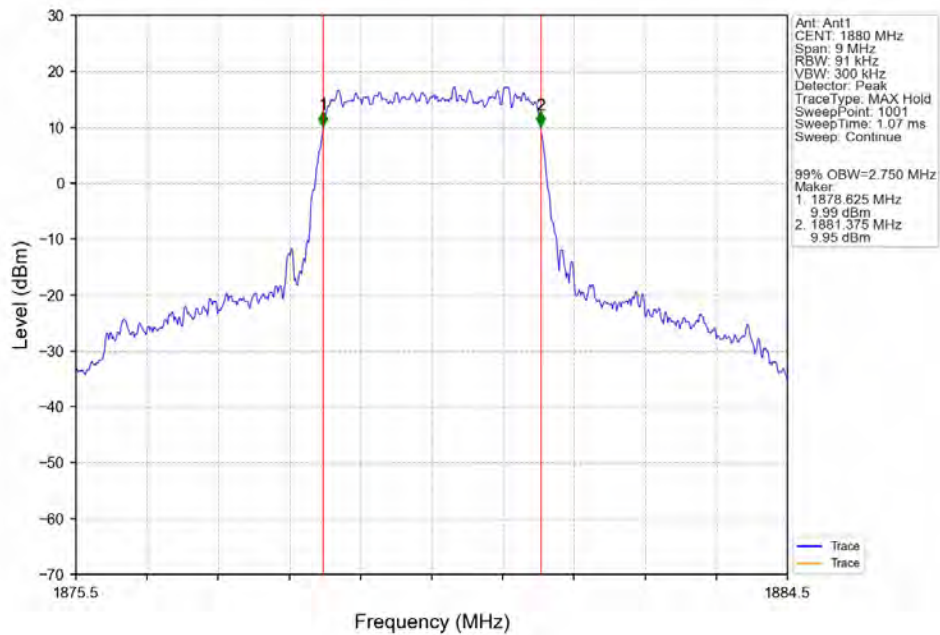
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTV



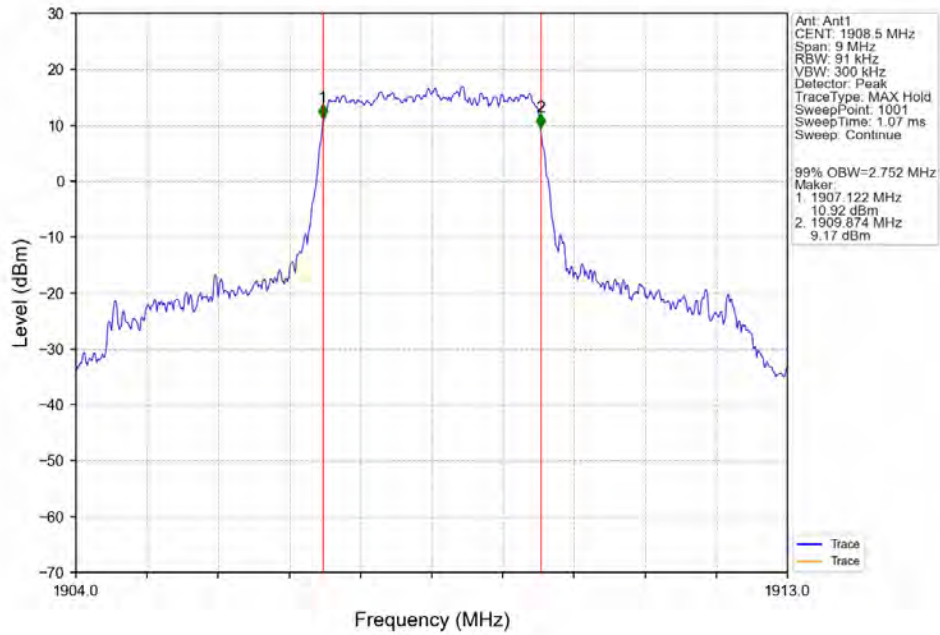
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



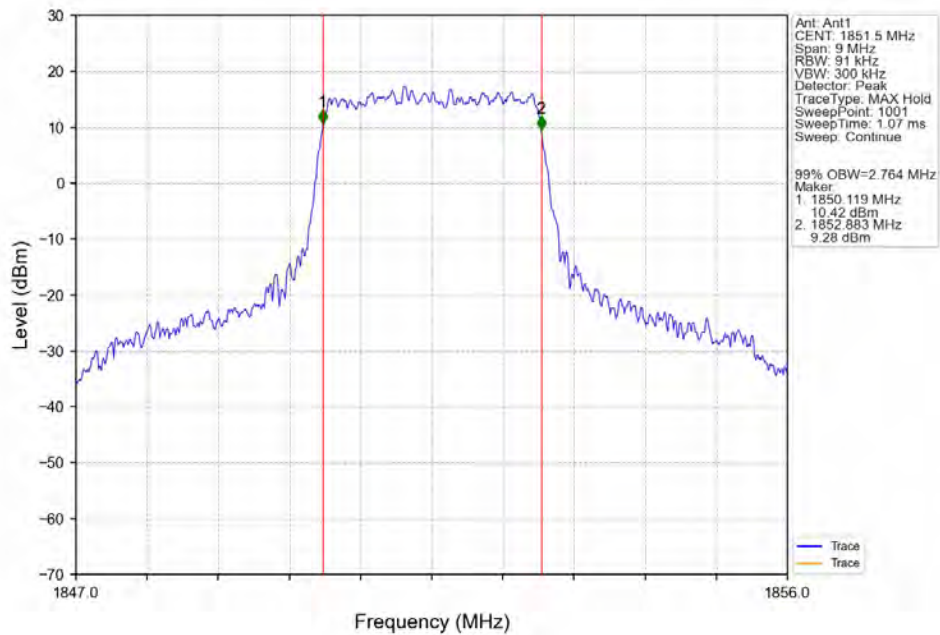
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



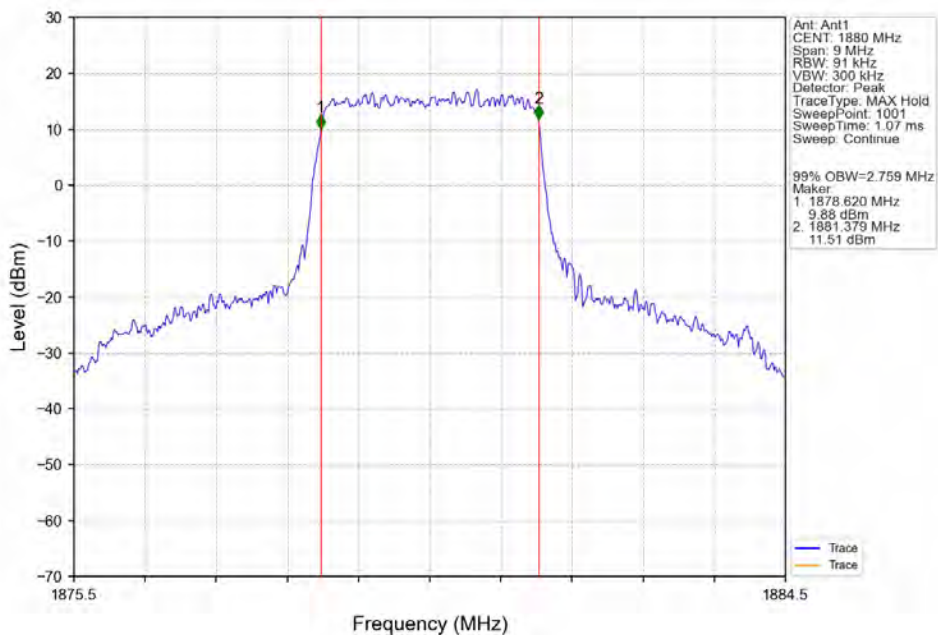
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTV



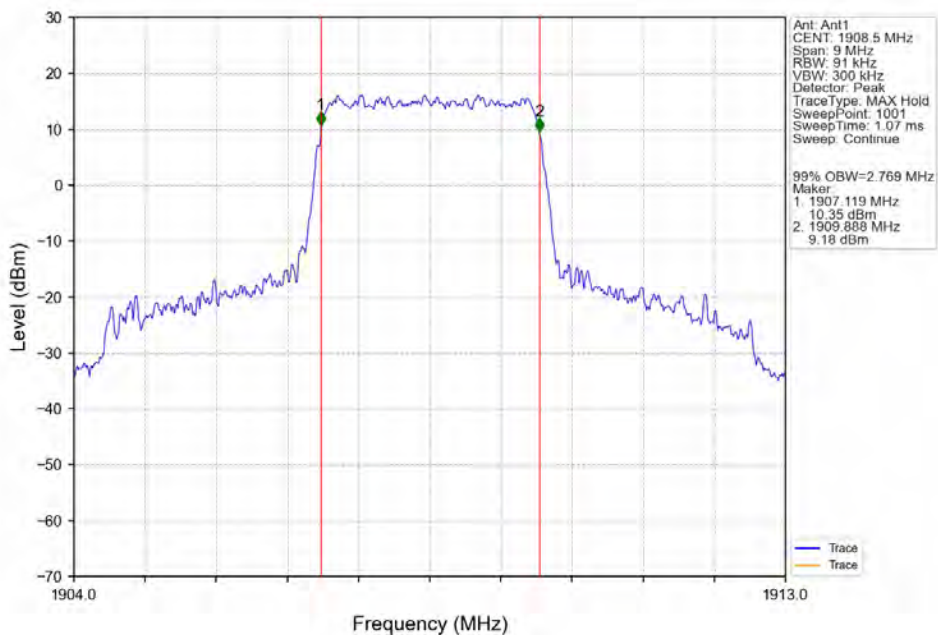
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTV



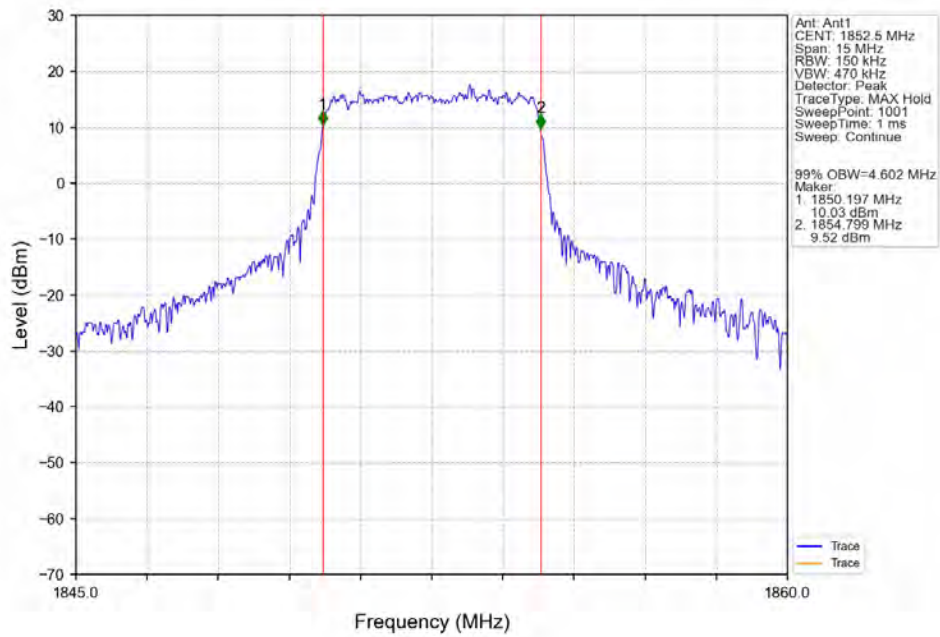
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



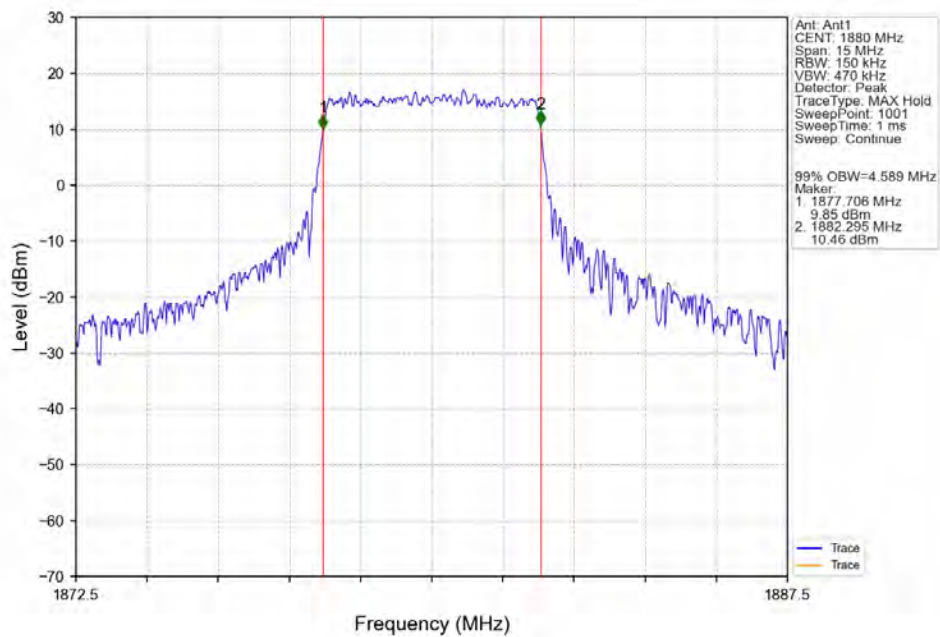
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTNV



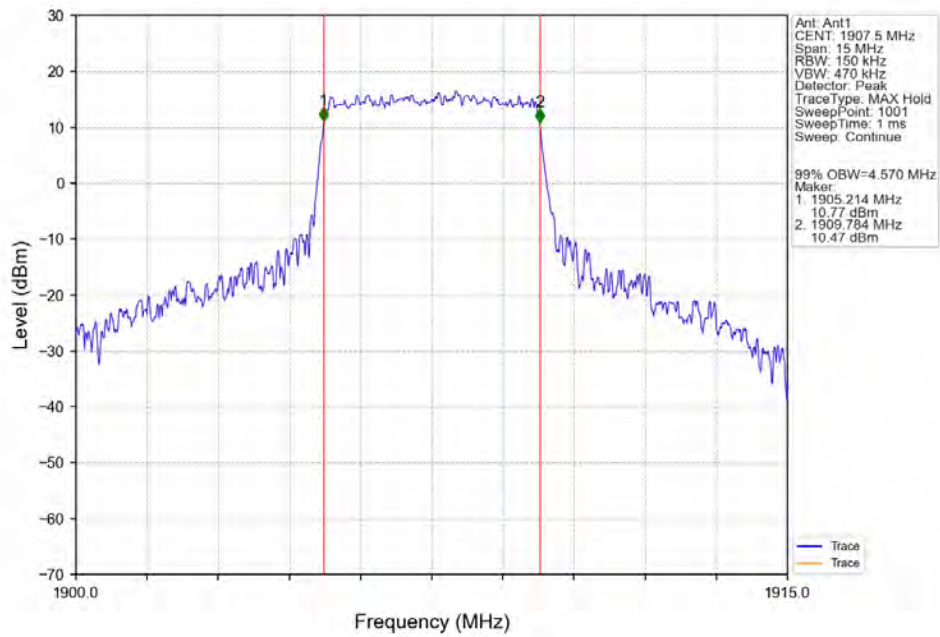
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



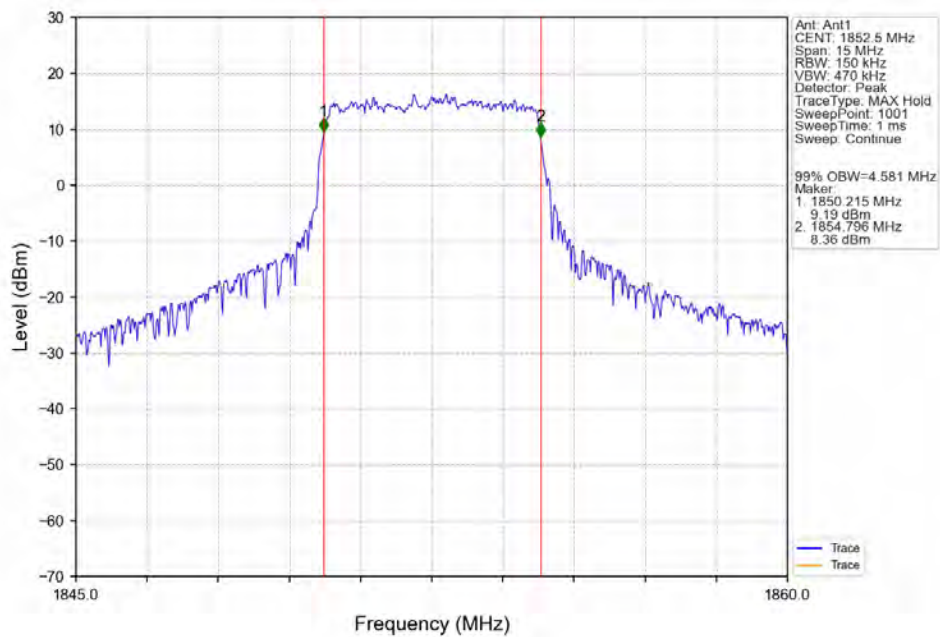
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



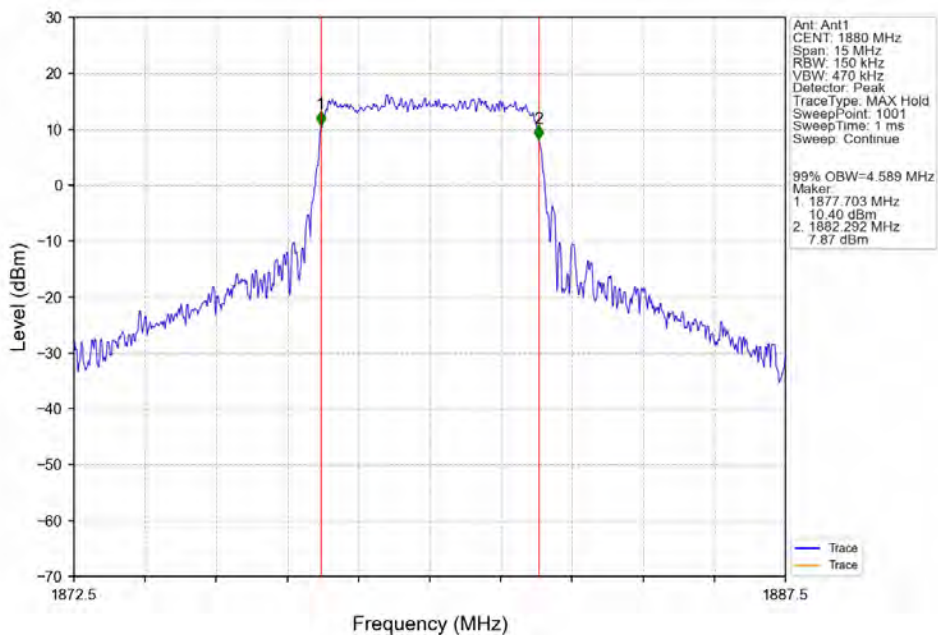
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV



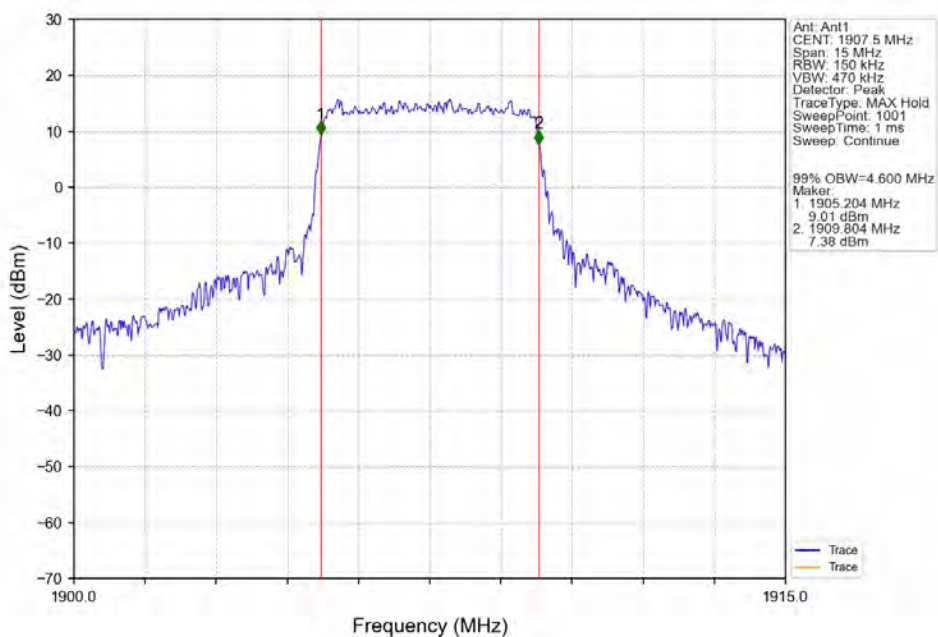
Band2 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



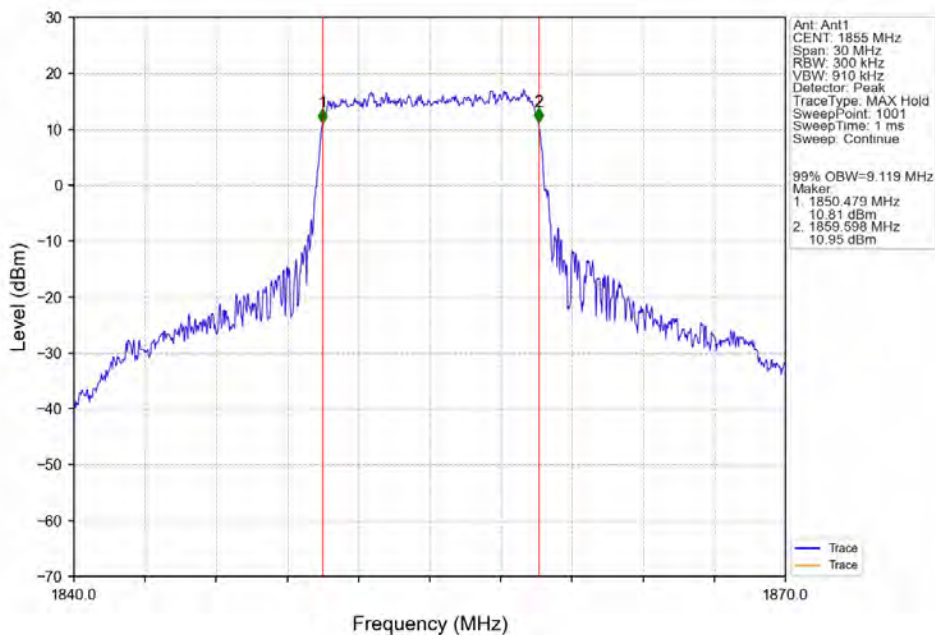
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



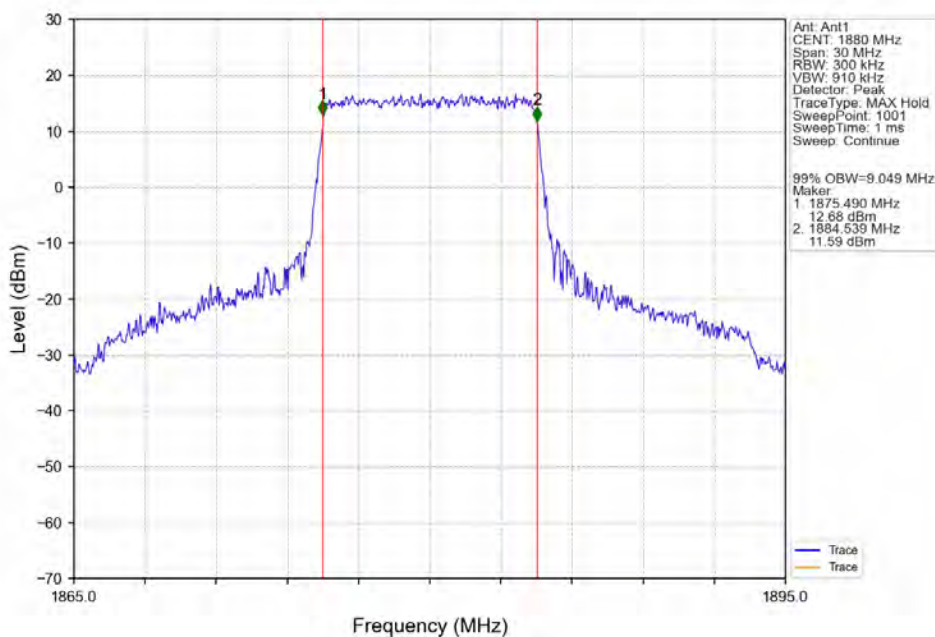
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTNV



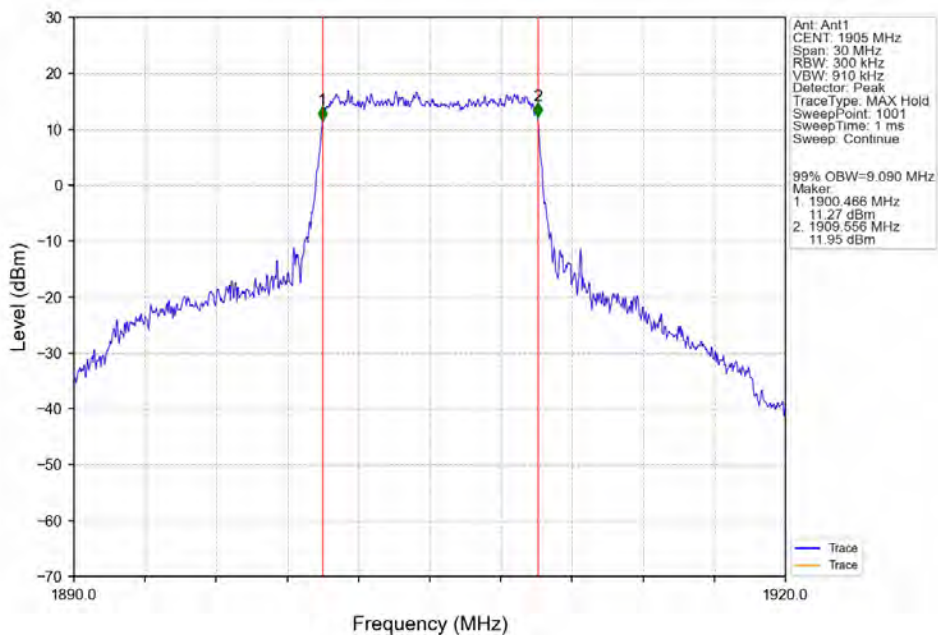
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN



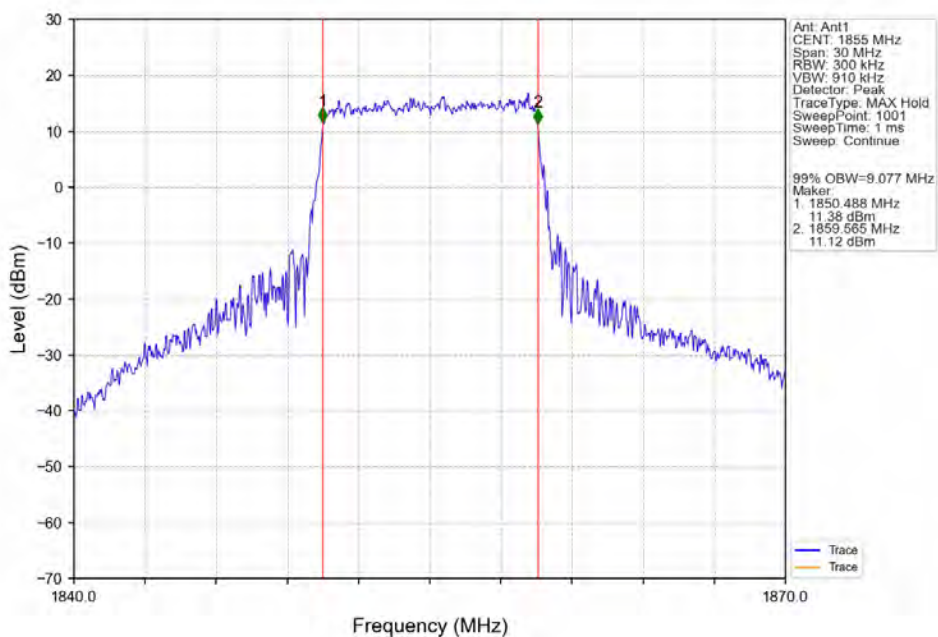
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTN



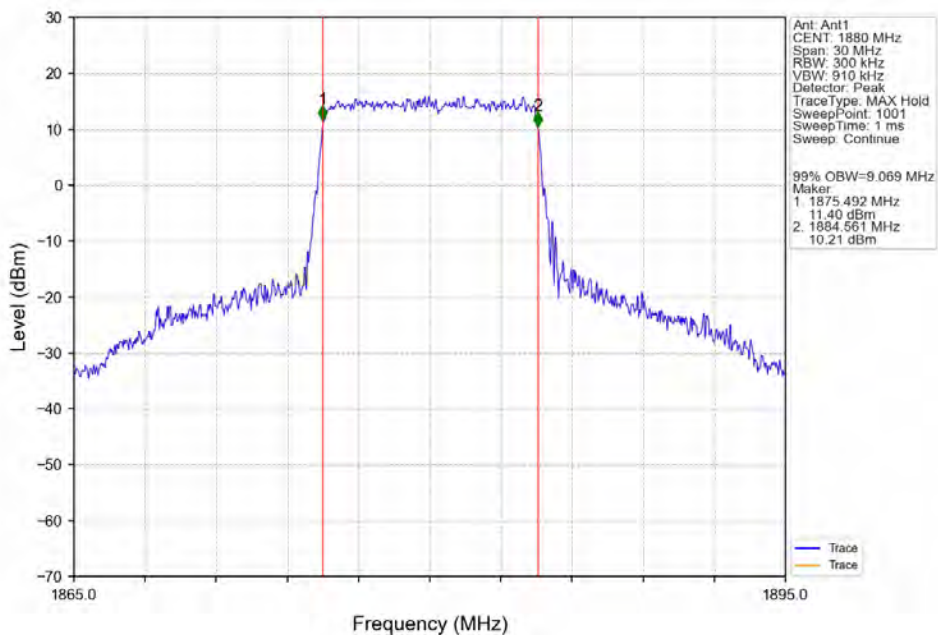
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV



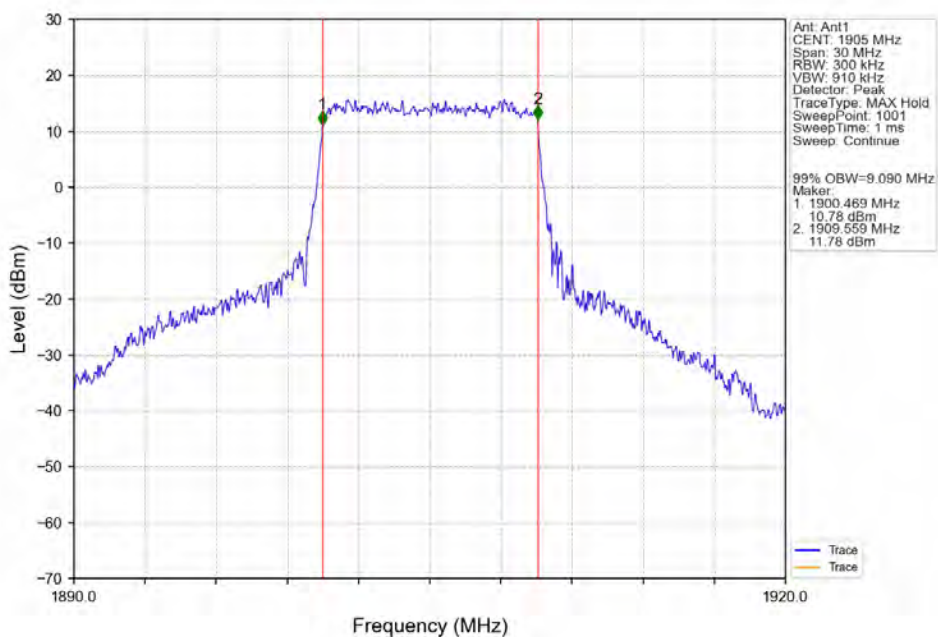
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTNV



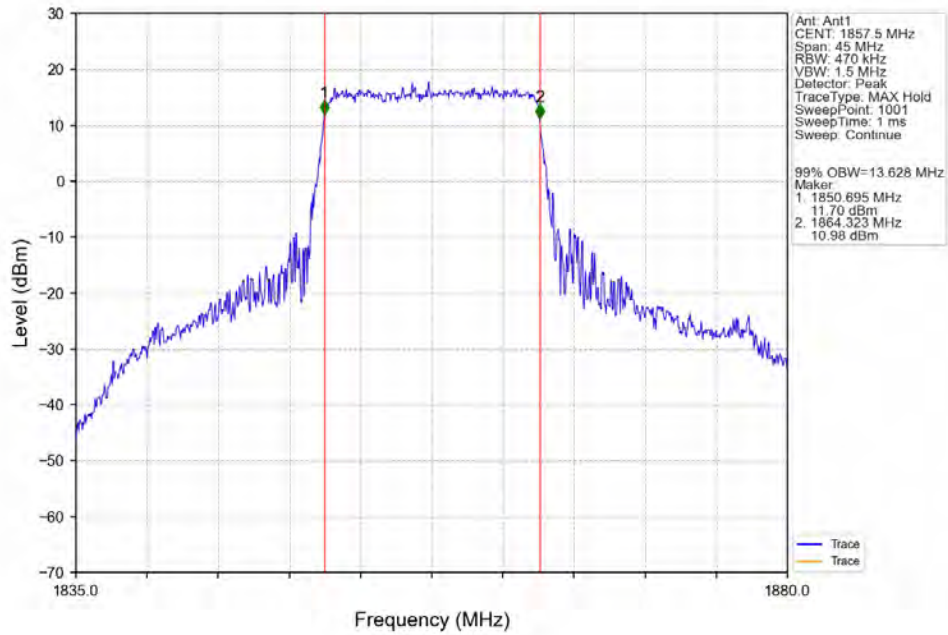
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTV



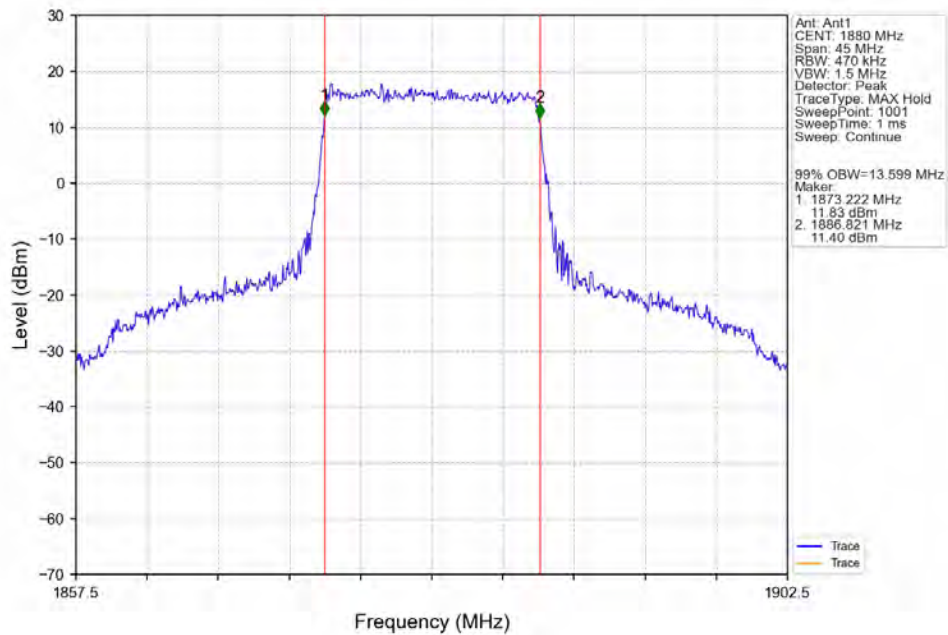
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTV



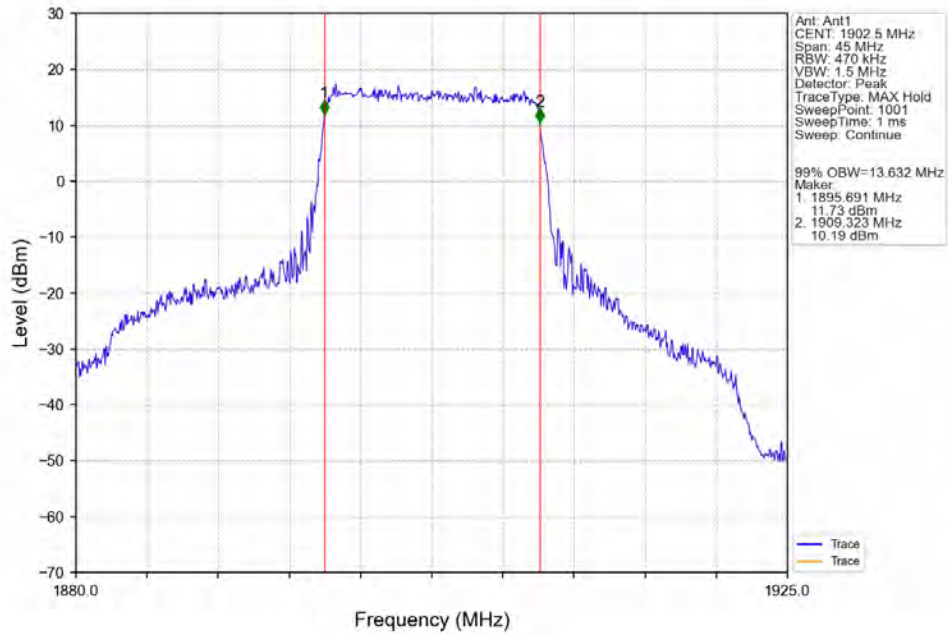
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



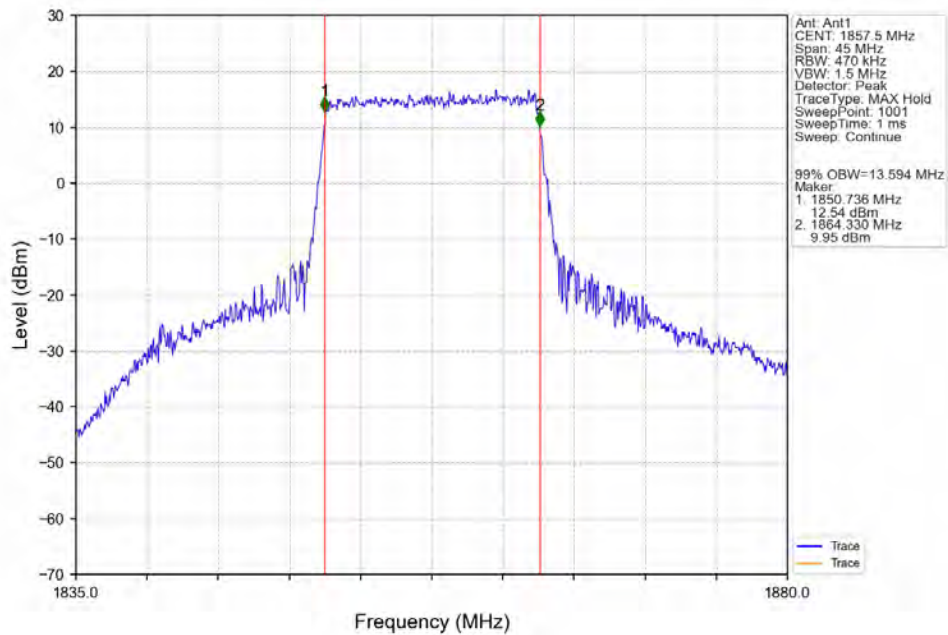
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



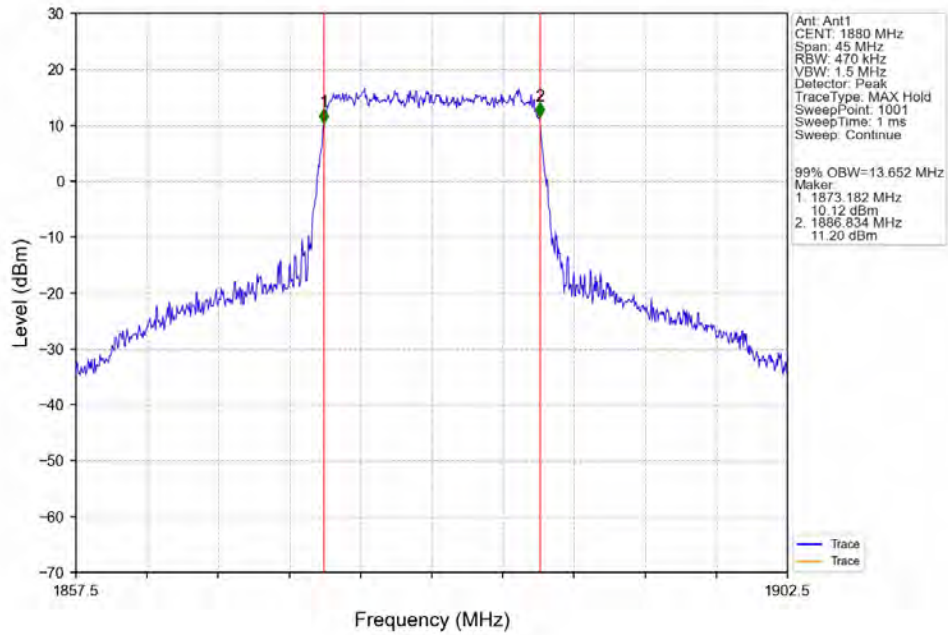
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTV



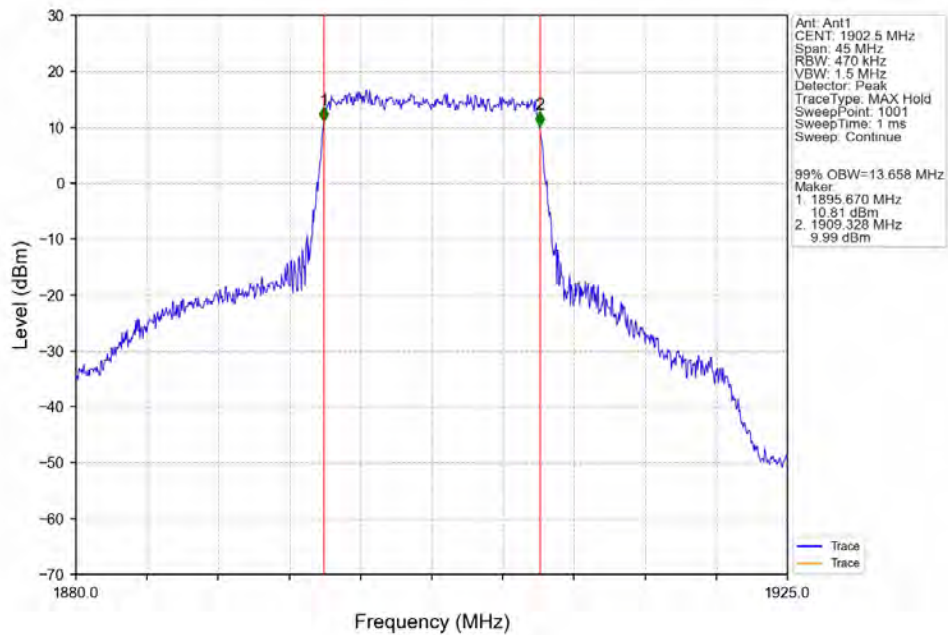
Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTV



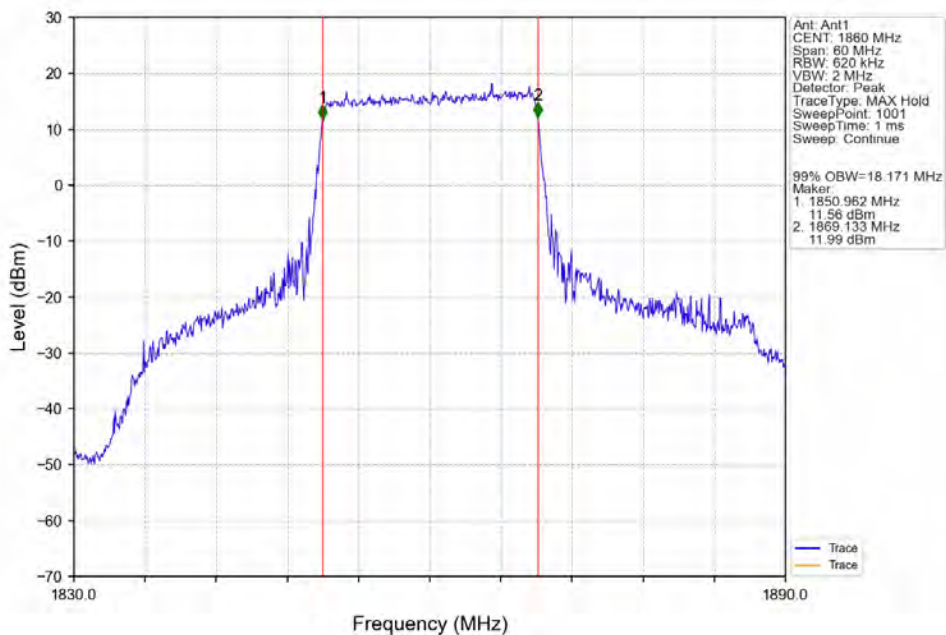
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



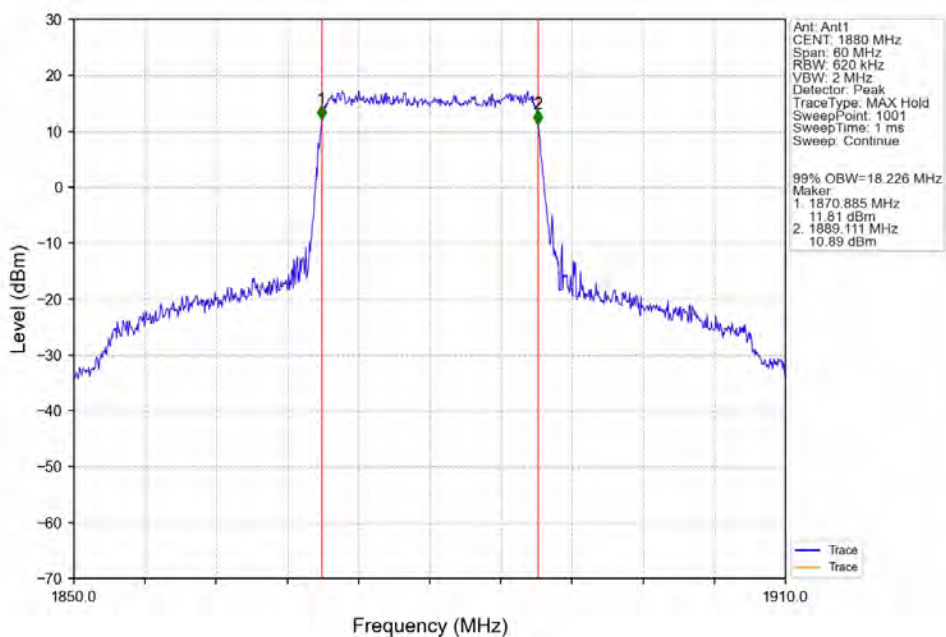
Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTNV



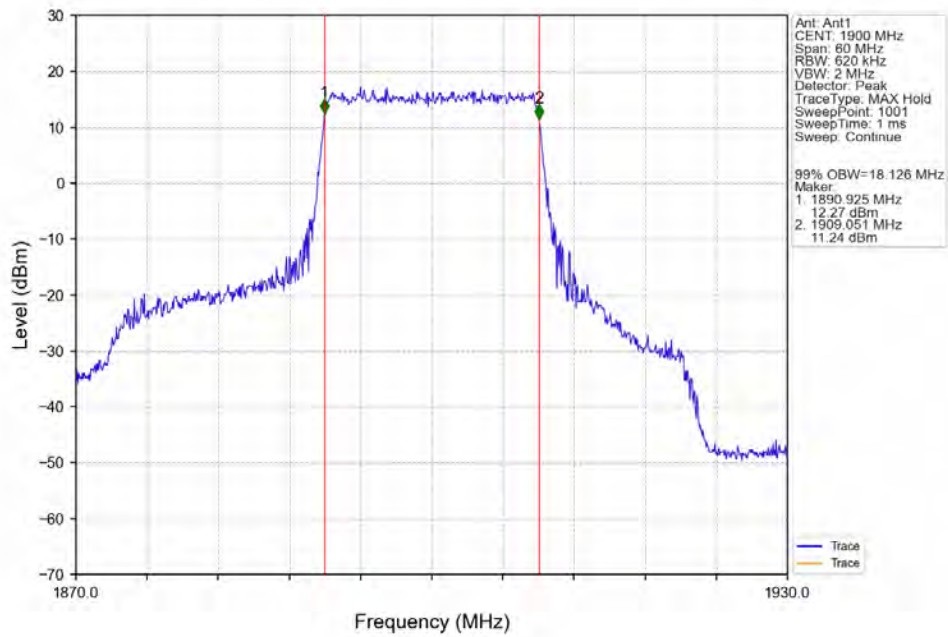
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTV



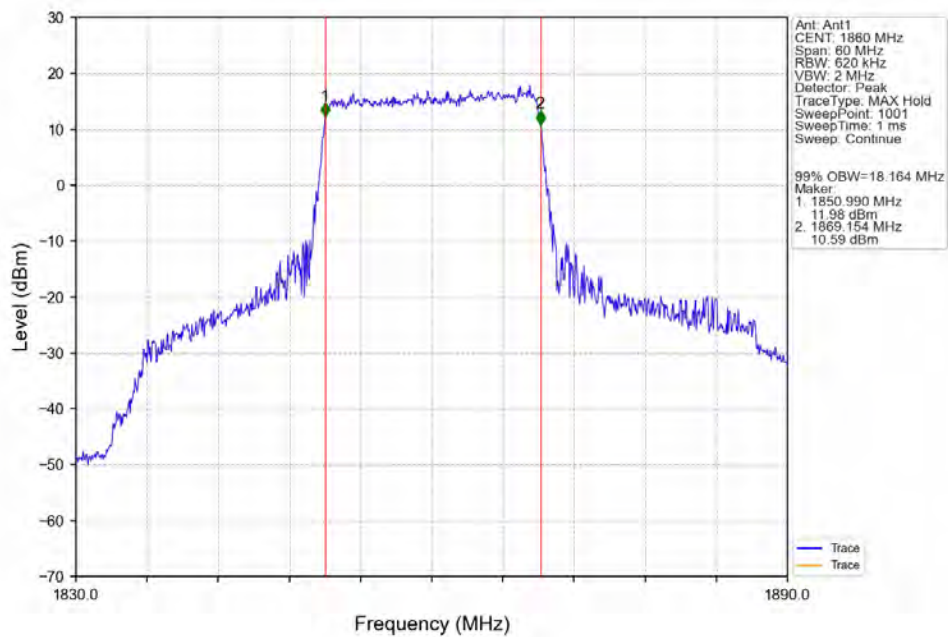
Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTV



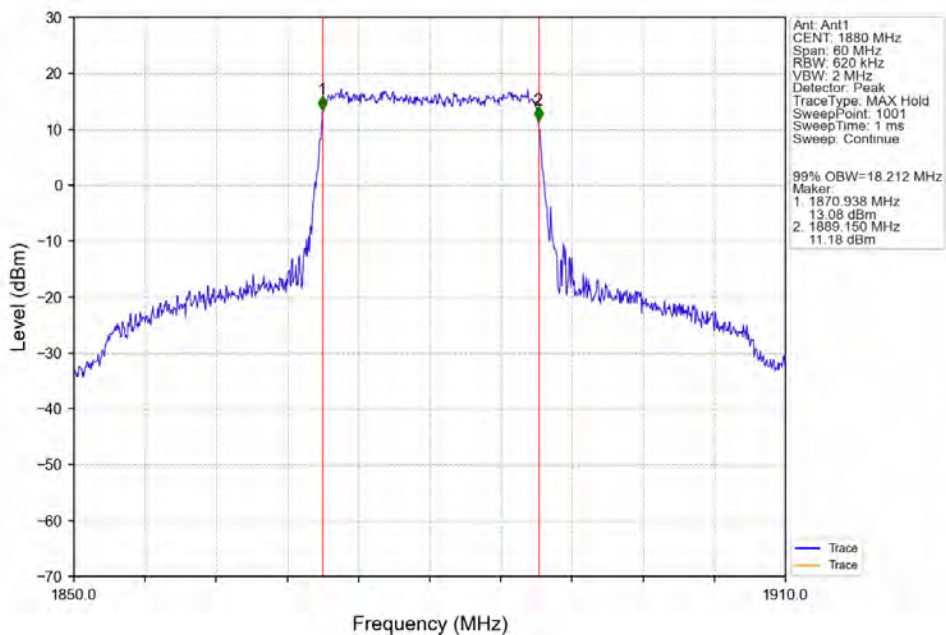
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTNV



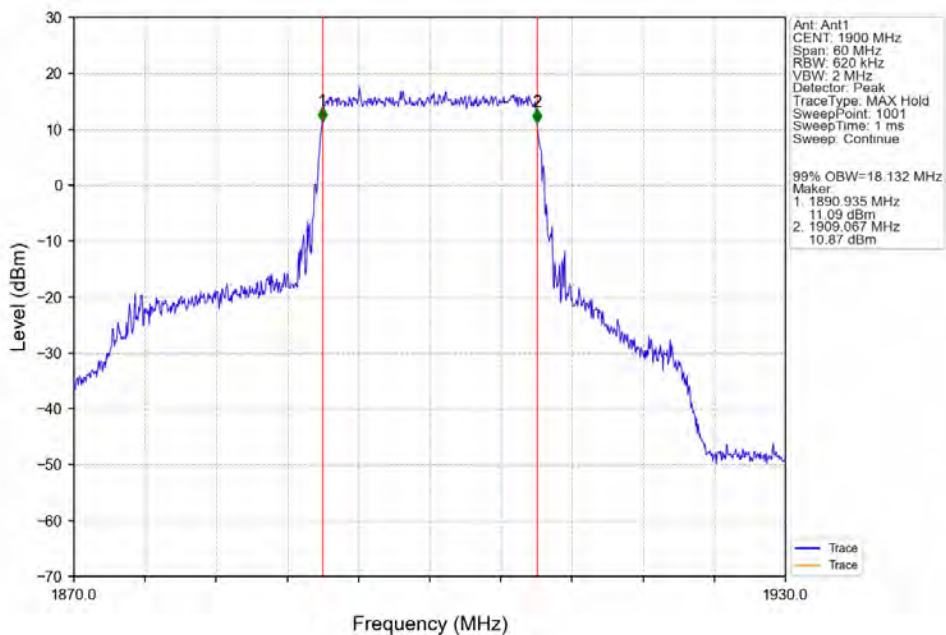
Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



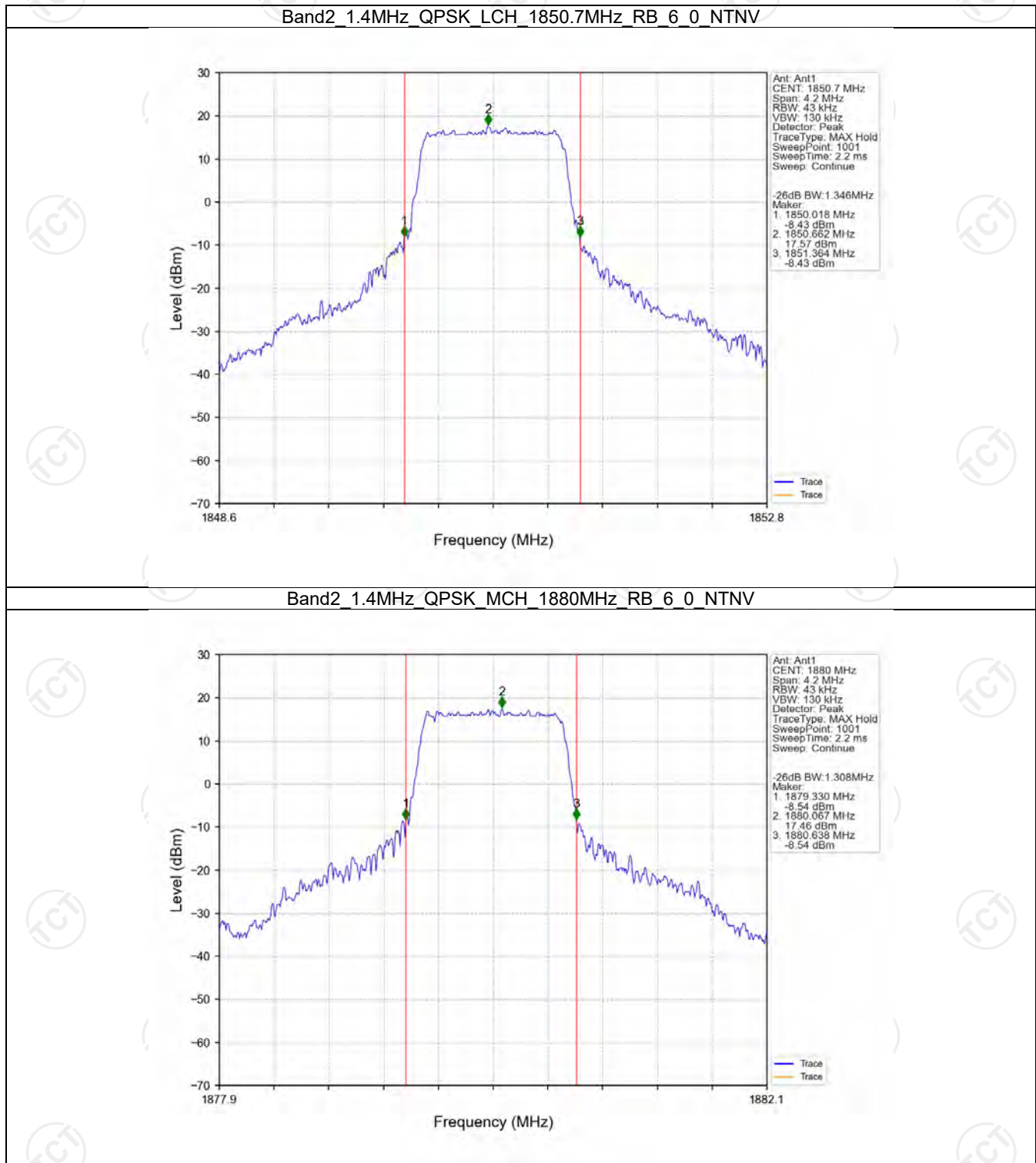
Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



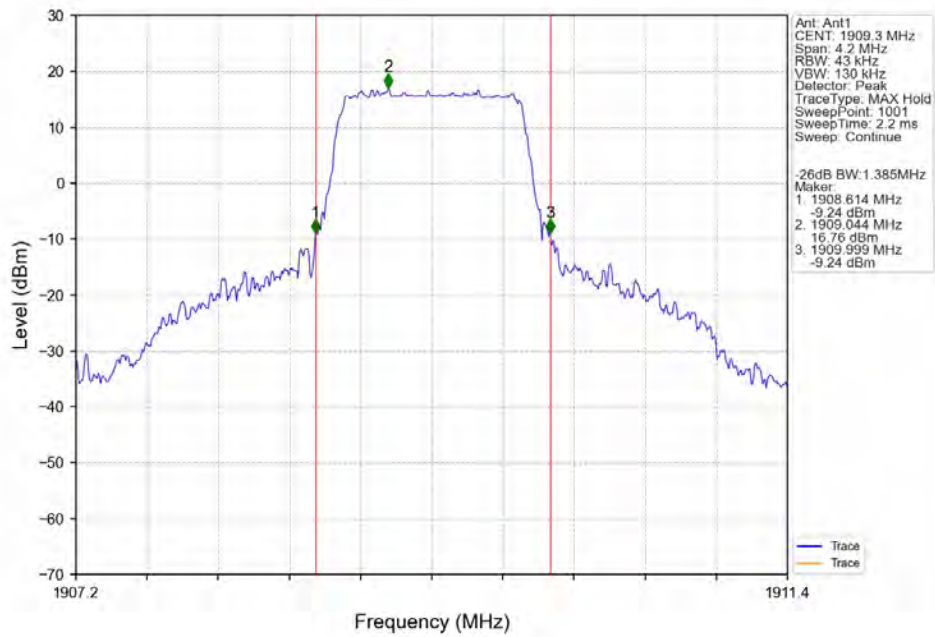
Band2 20MHz 16QAM HCH 1900MHz RB 100 0 NTNV



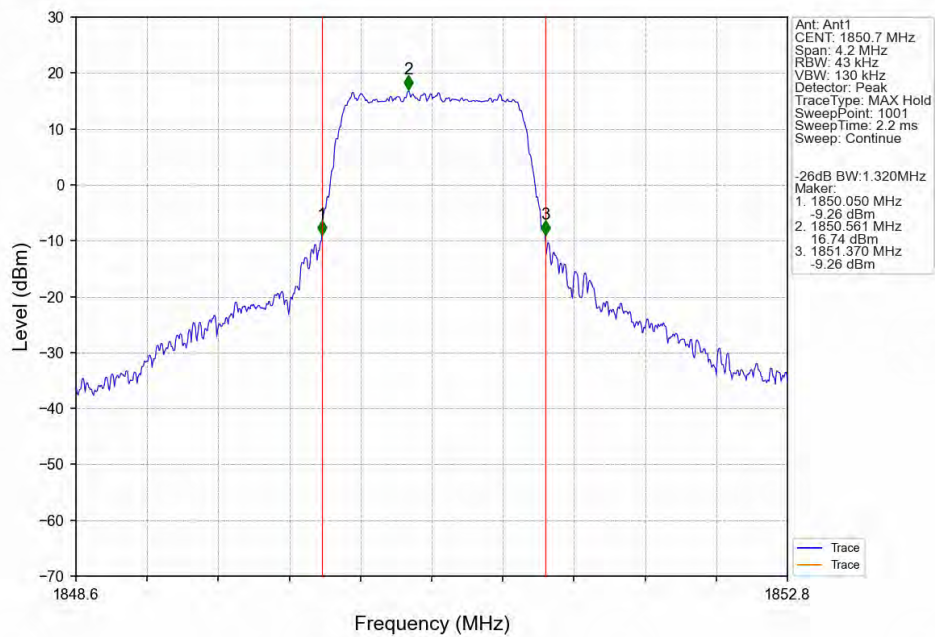
#### 4.2.2 Band2\_XDB



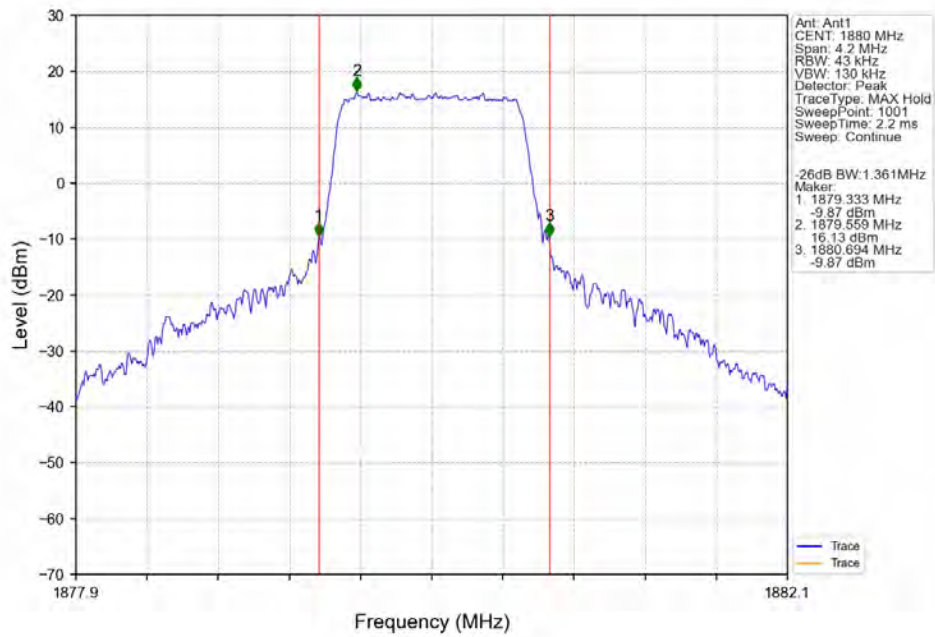
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



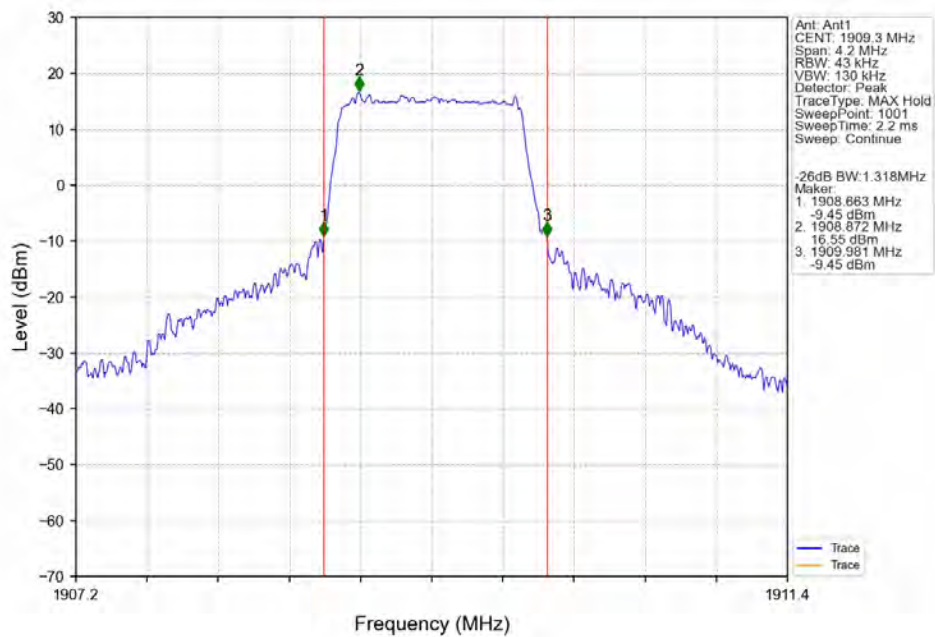
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



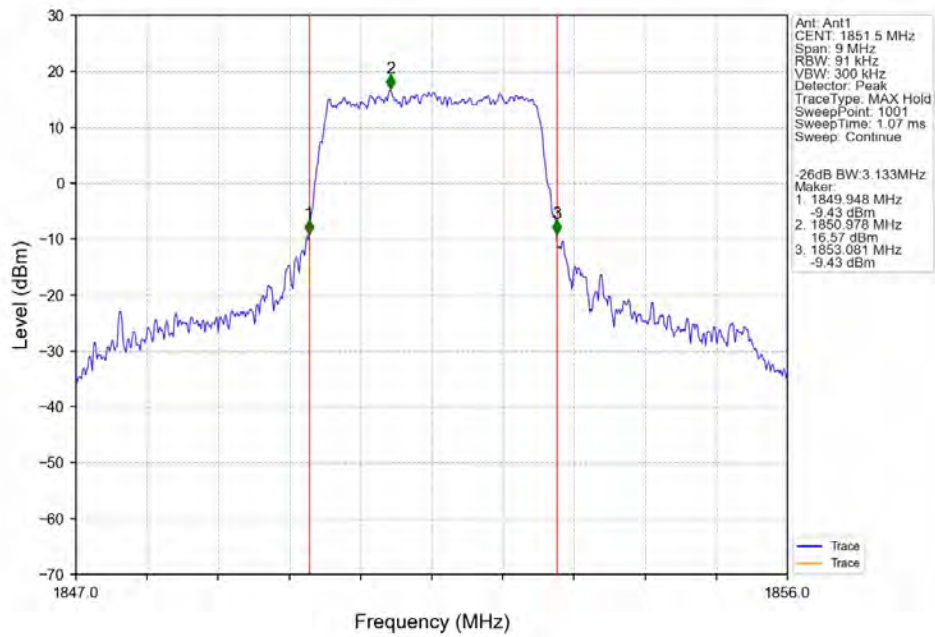
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



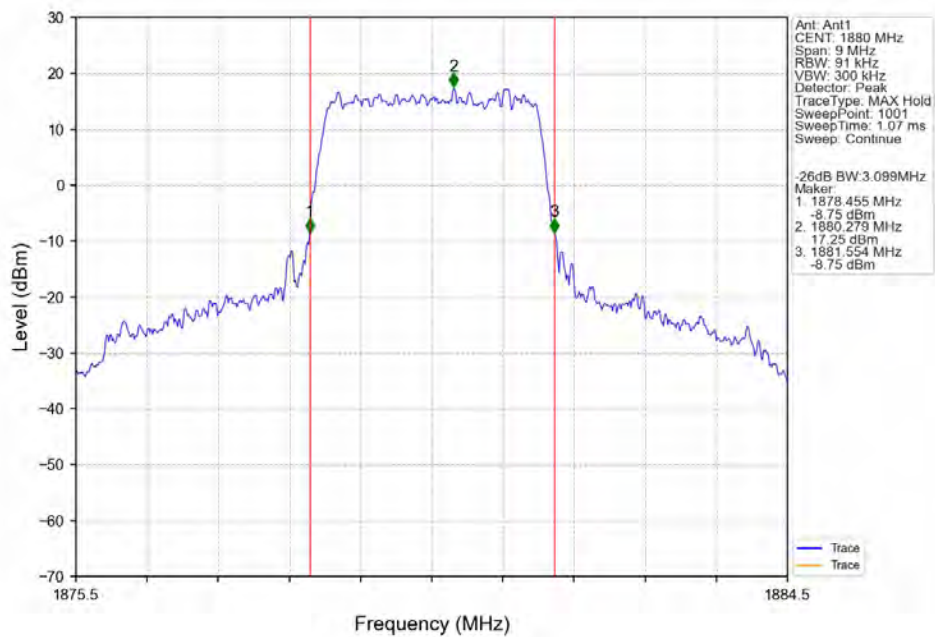
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



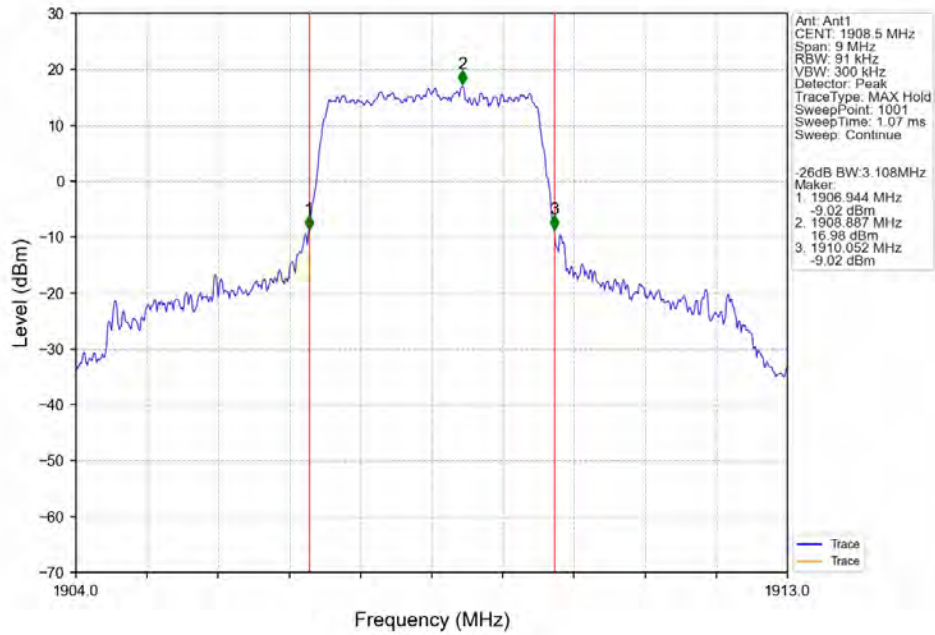
Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



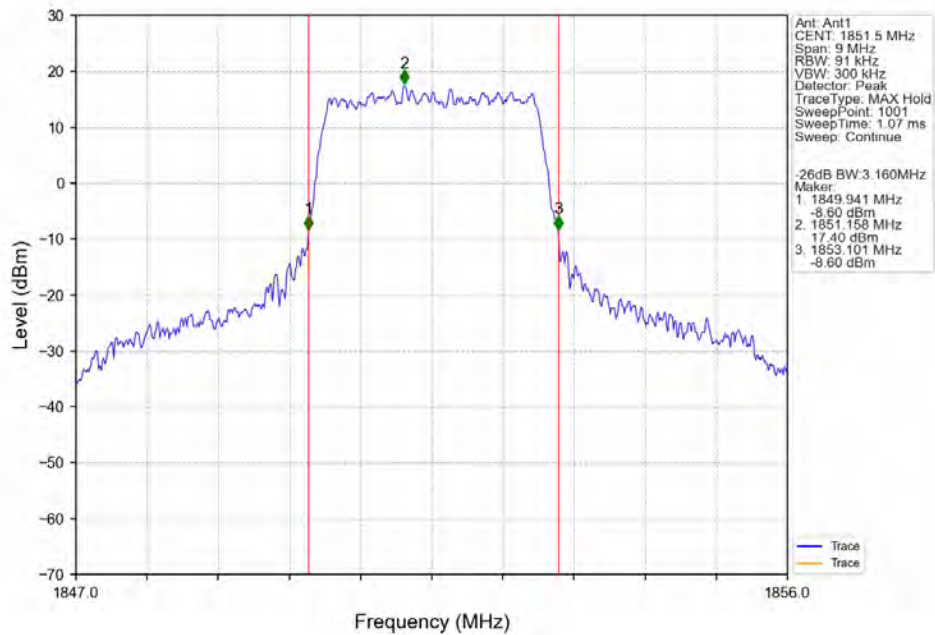
Band2 3MHz QPSK MCH 1880MHz RB 15 0 NTNV



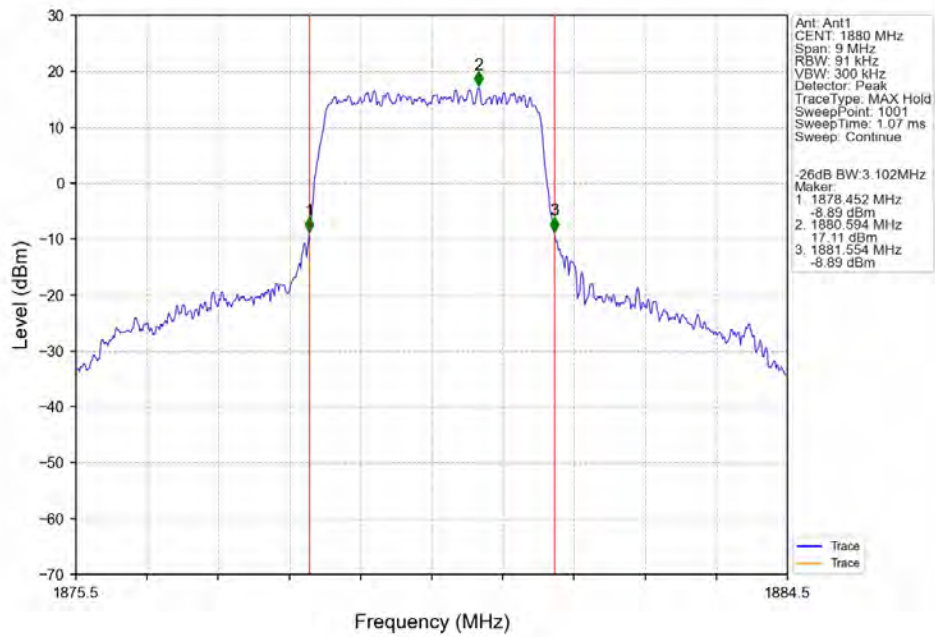
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTV



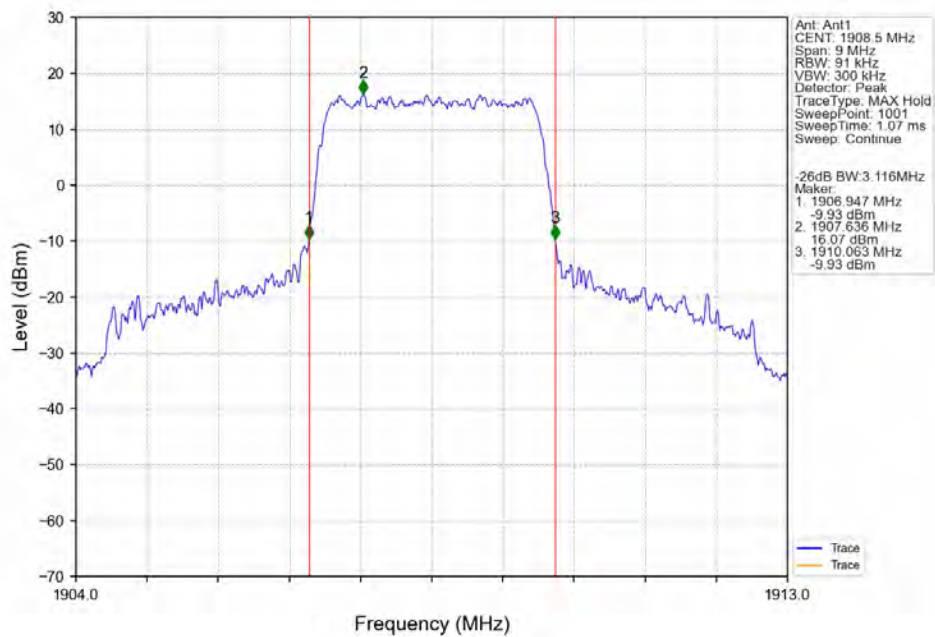
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTV



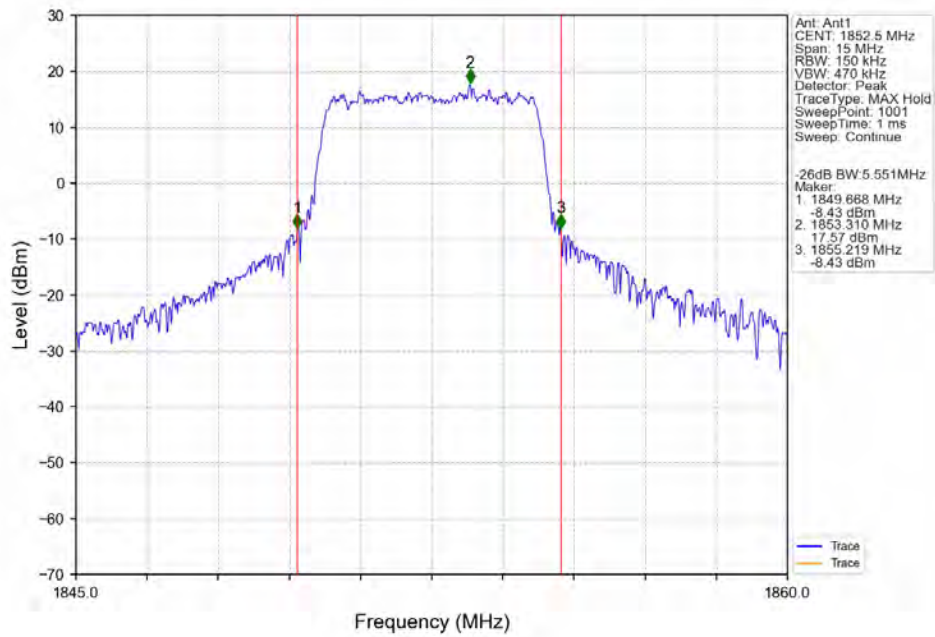
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



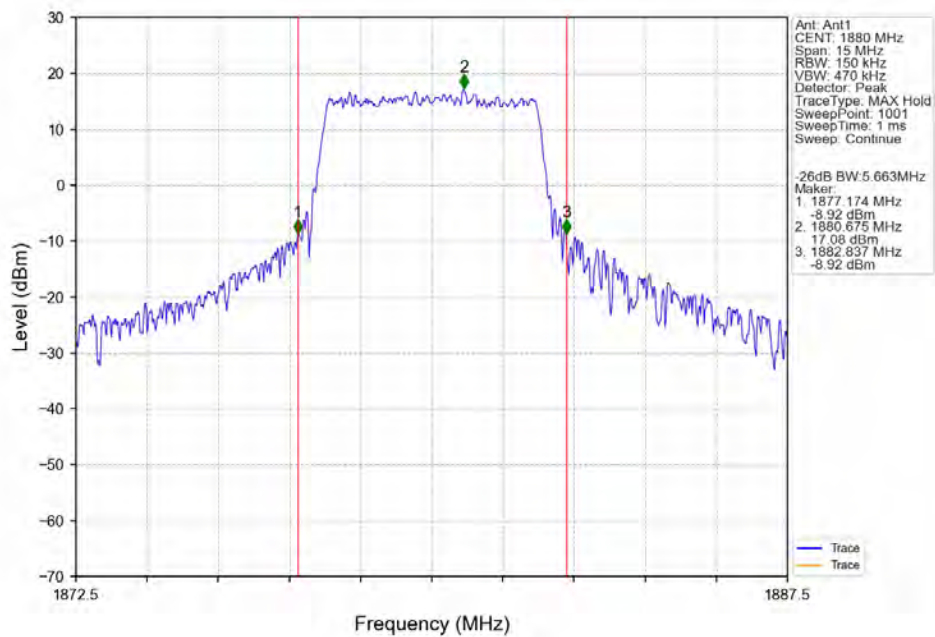
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTNV



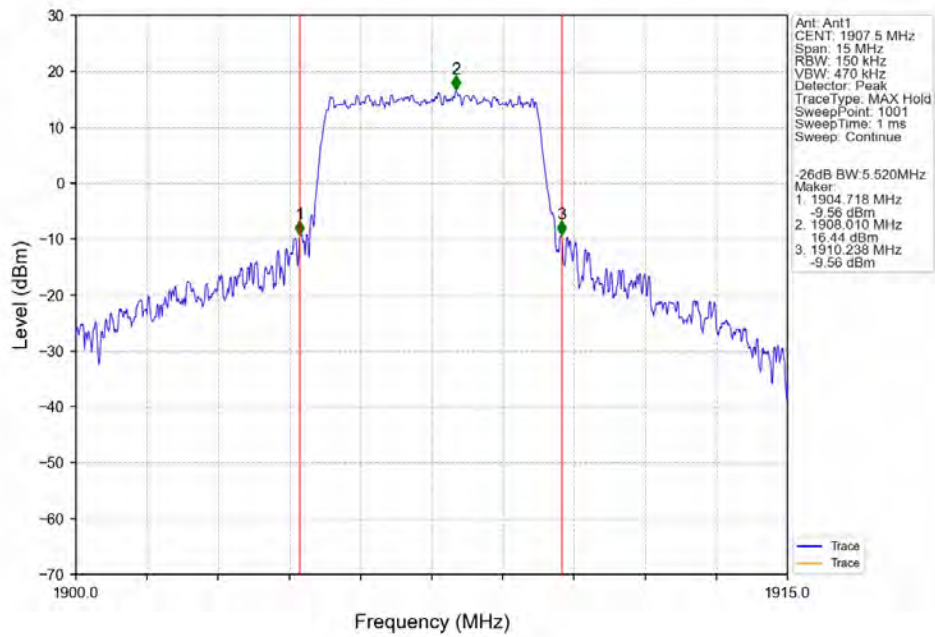
Band2 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



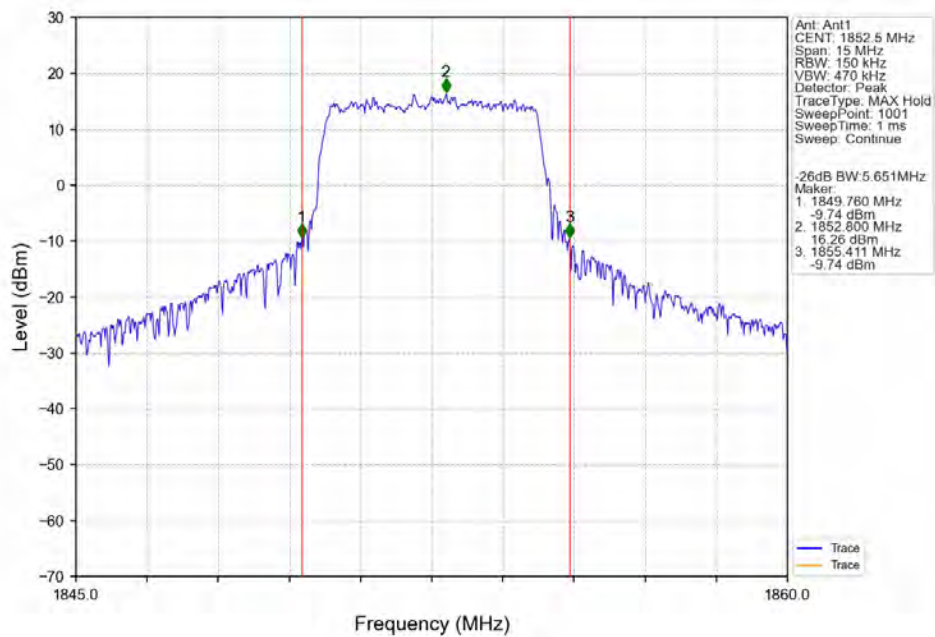
Band2 5MHz QPSK MCH 1880MHz RB 25 0 NTNV



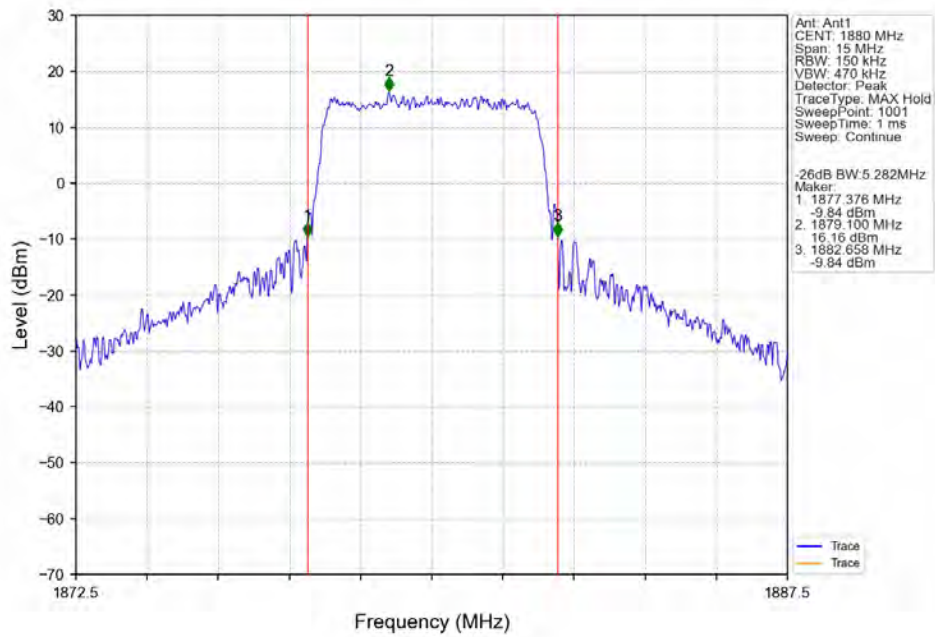
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV



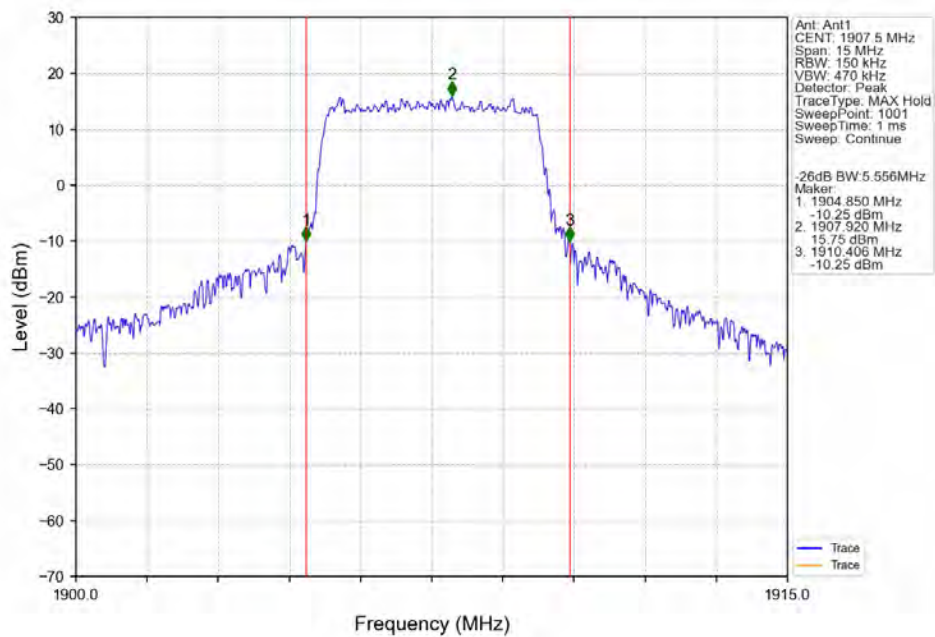
Band2 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



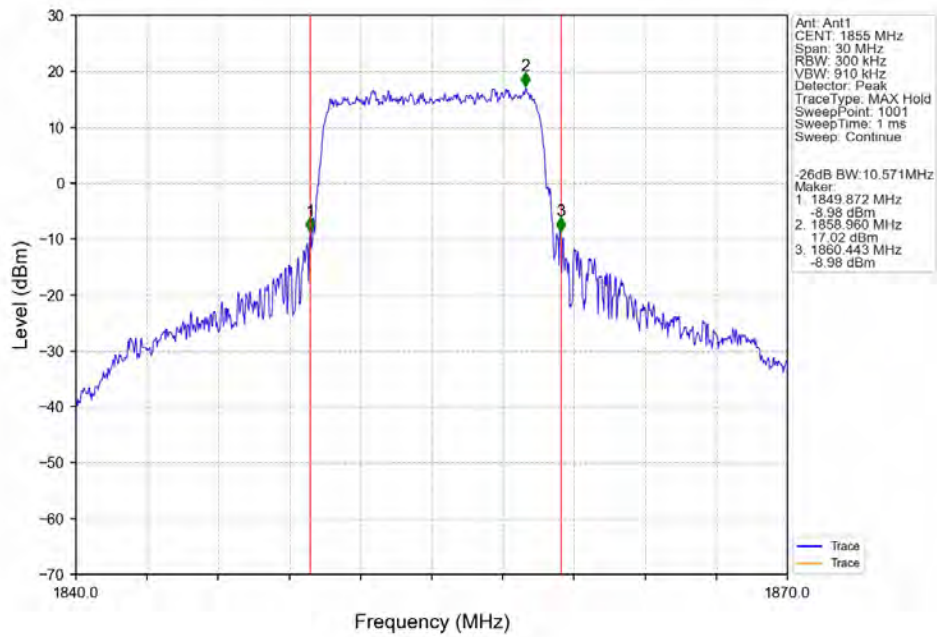
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



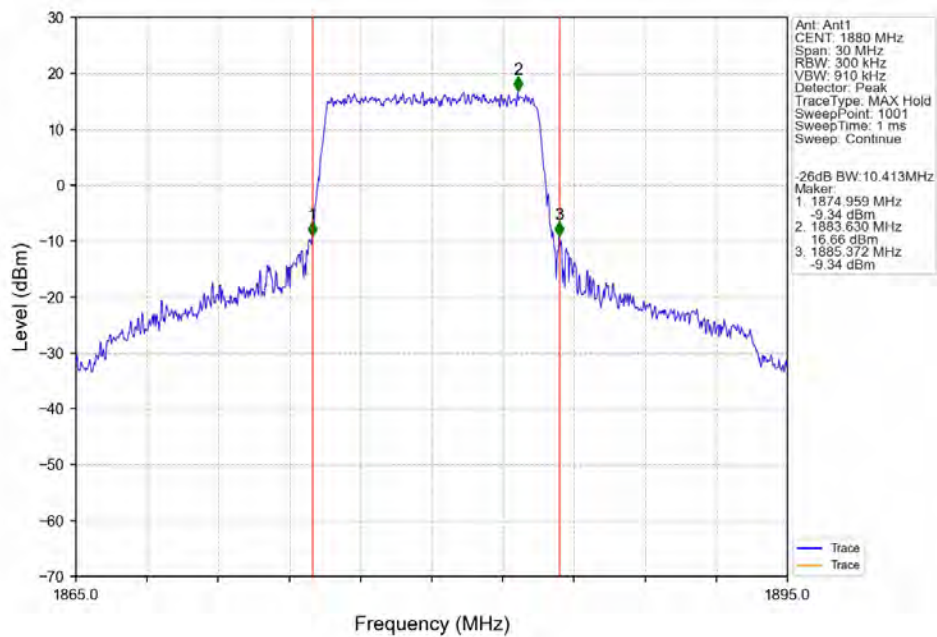
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTNV



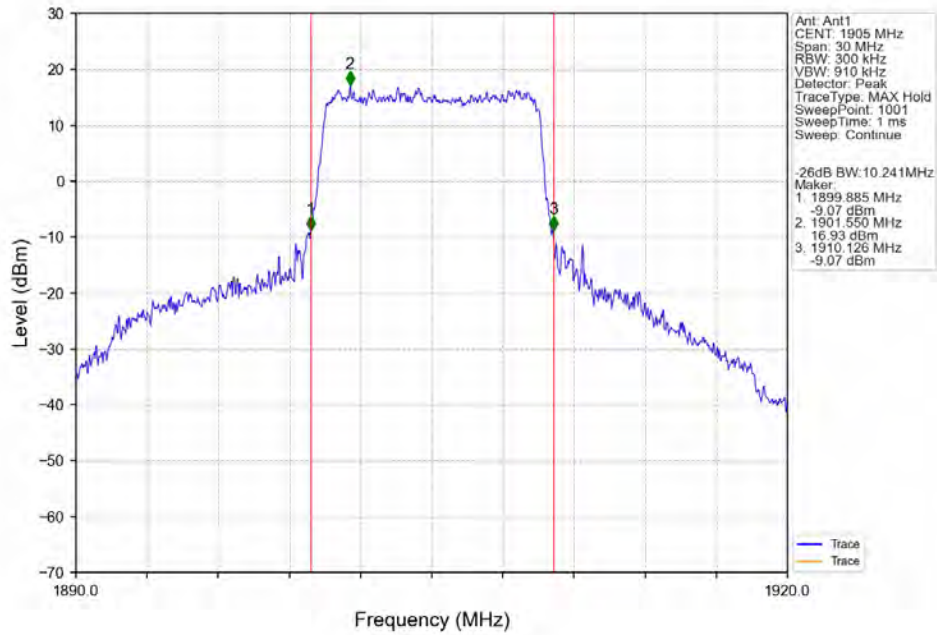
Band2 10MHz QPSK LCH 1855MHz RB 50 0 NTN



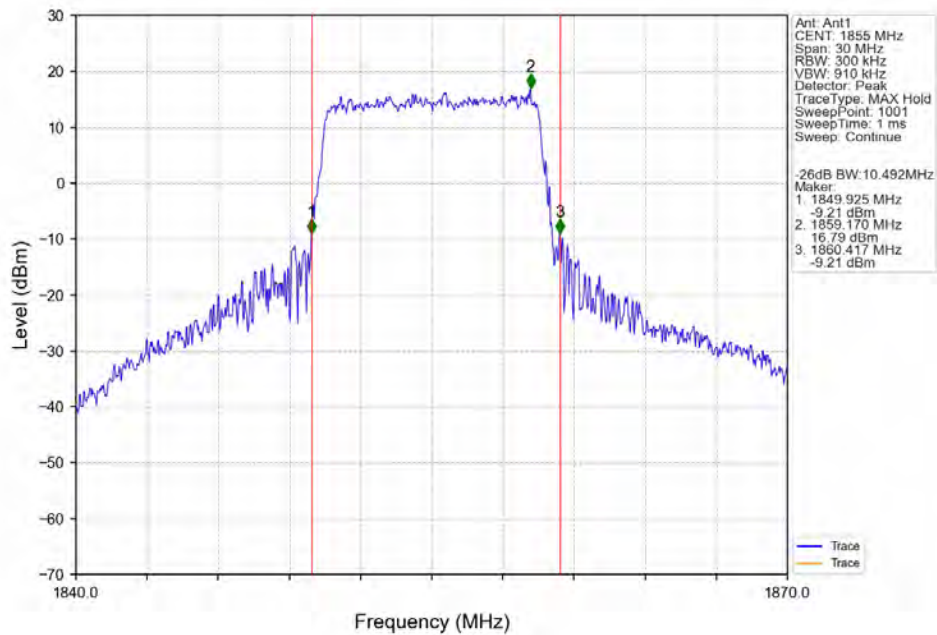
Band2 10MHz QPSK MCH 1880MHz RB 50 0 NTN



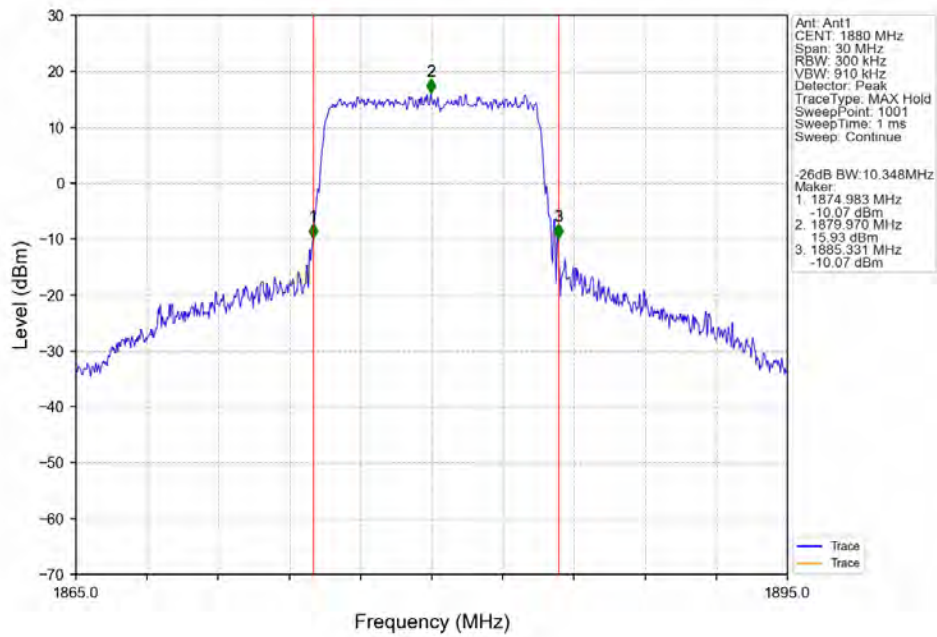
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV



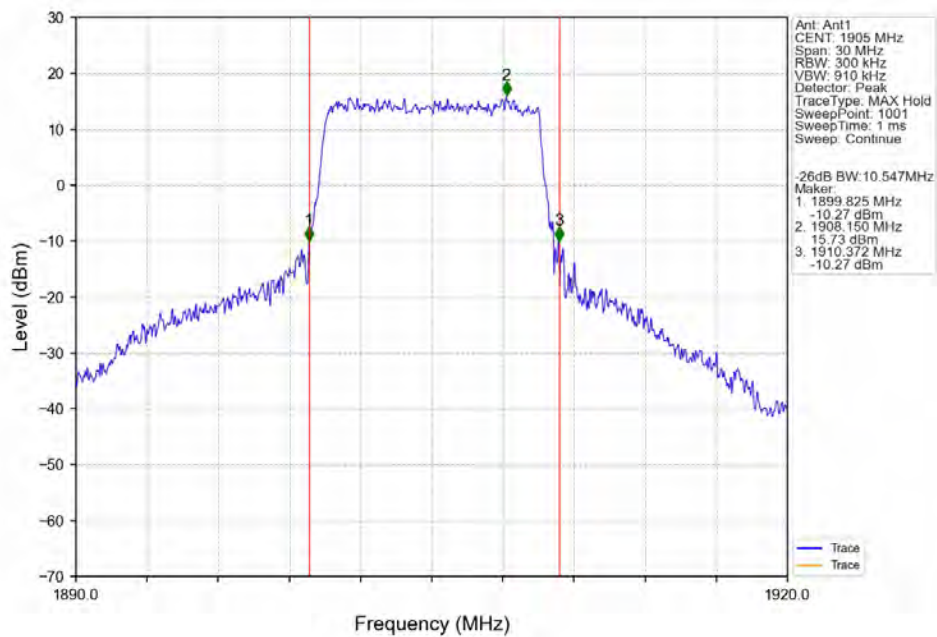
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTNV



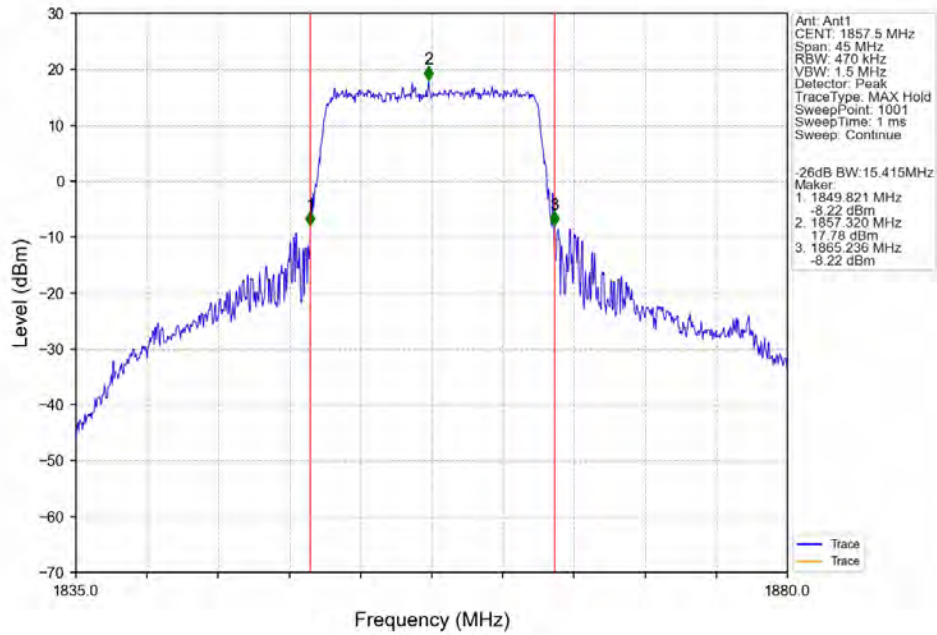
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTV



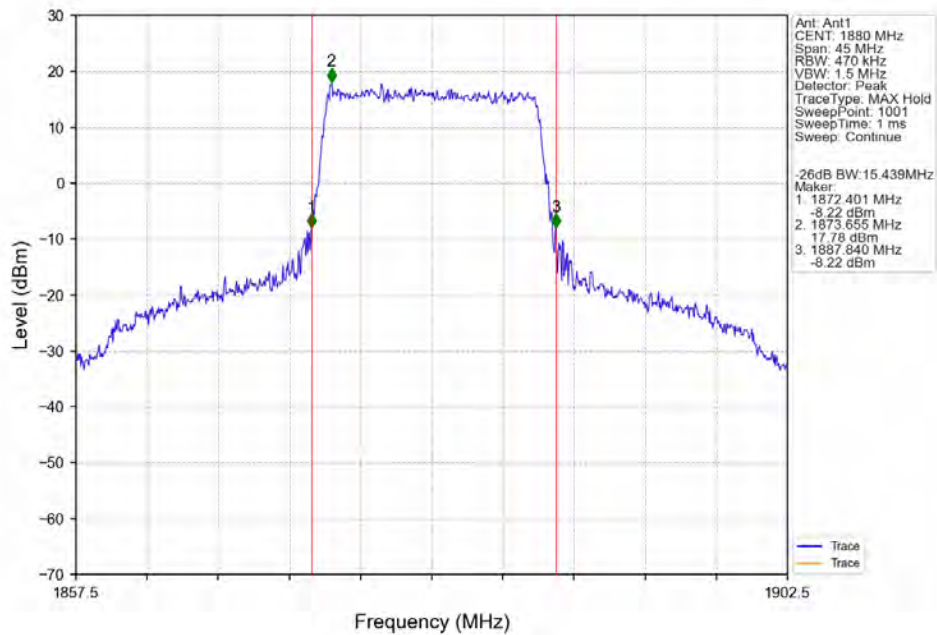
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTV



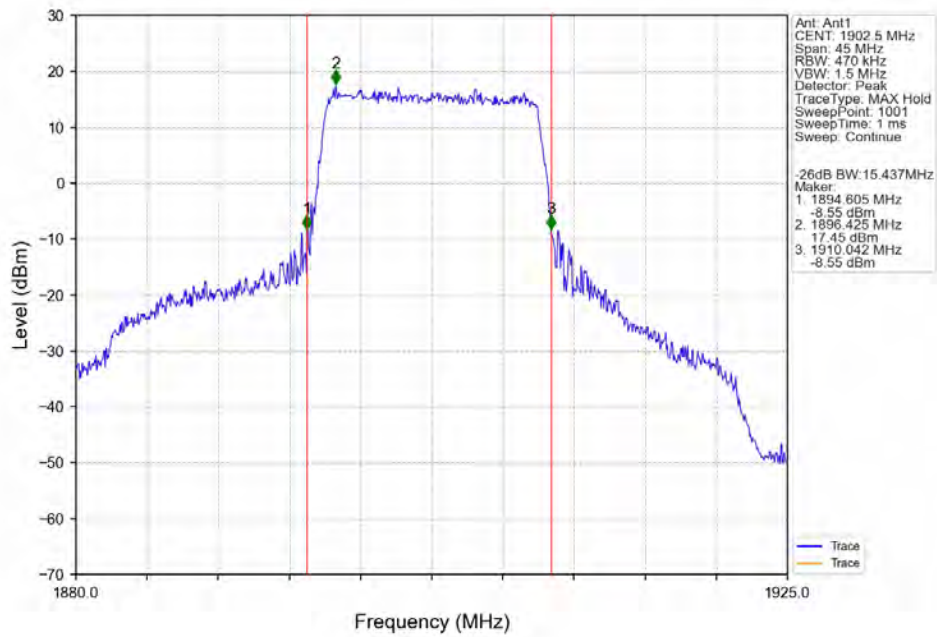
Band2 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



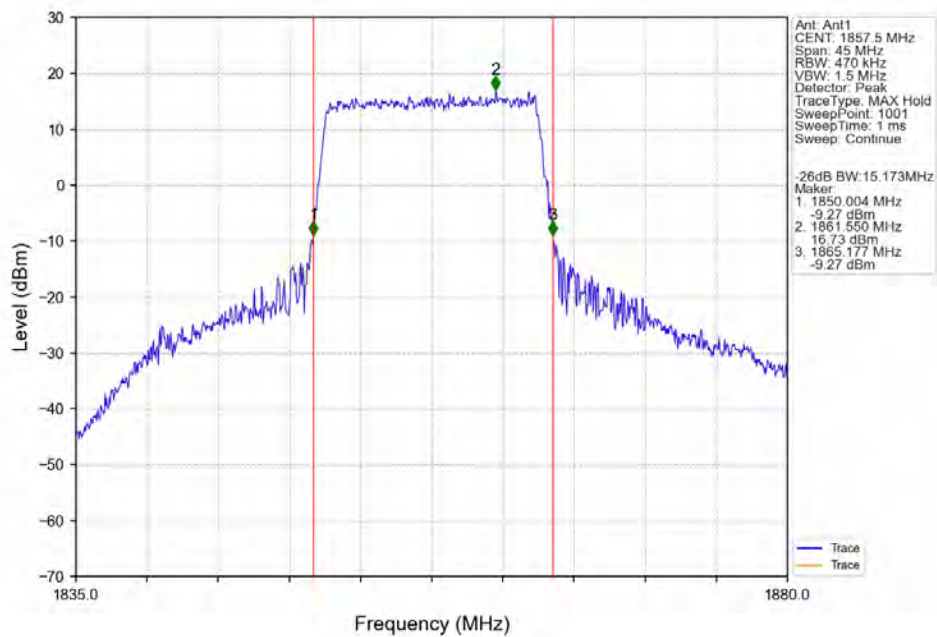
Band2 15MHz QPSK MCH 1880MHz RB 75 0 NTNV



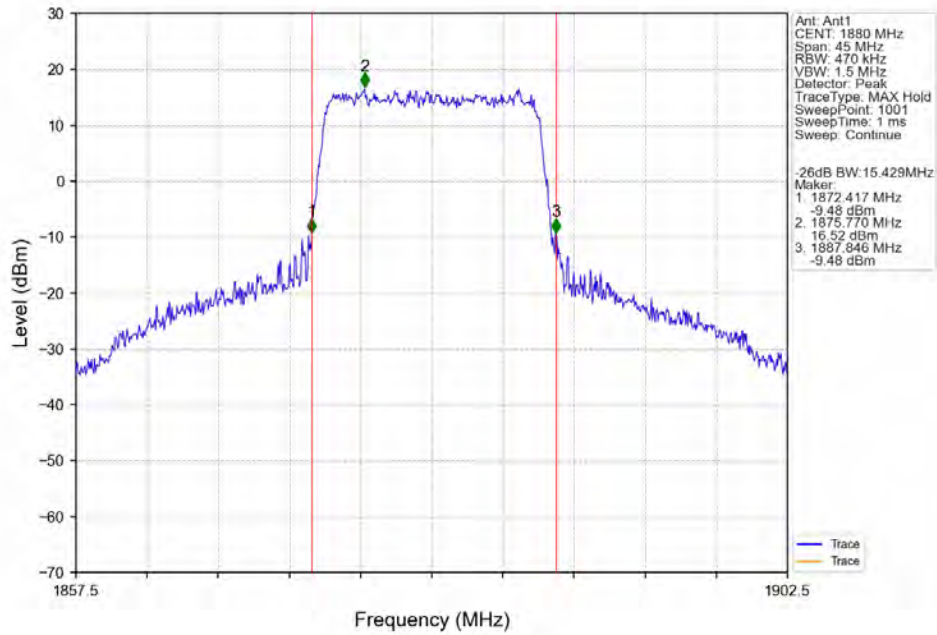
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTV



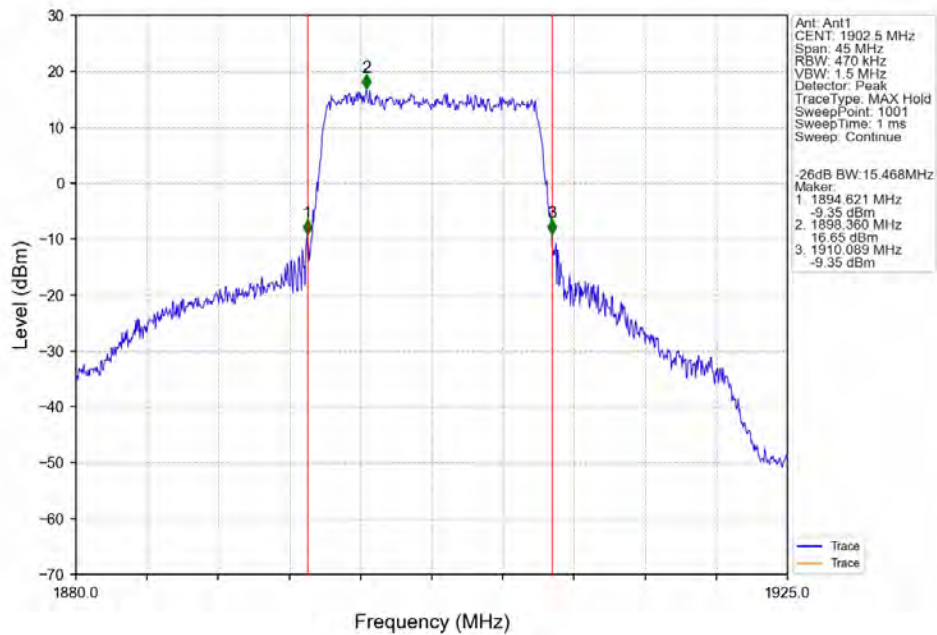
Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTV



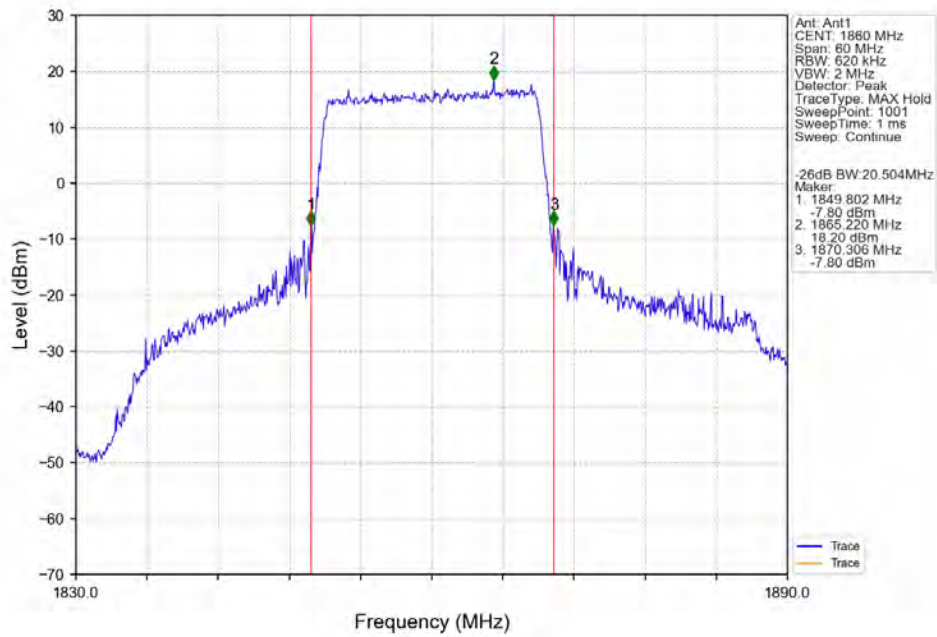
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTV



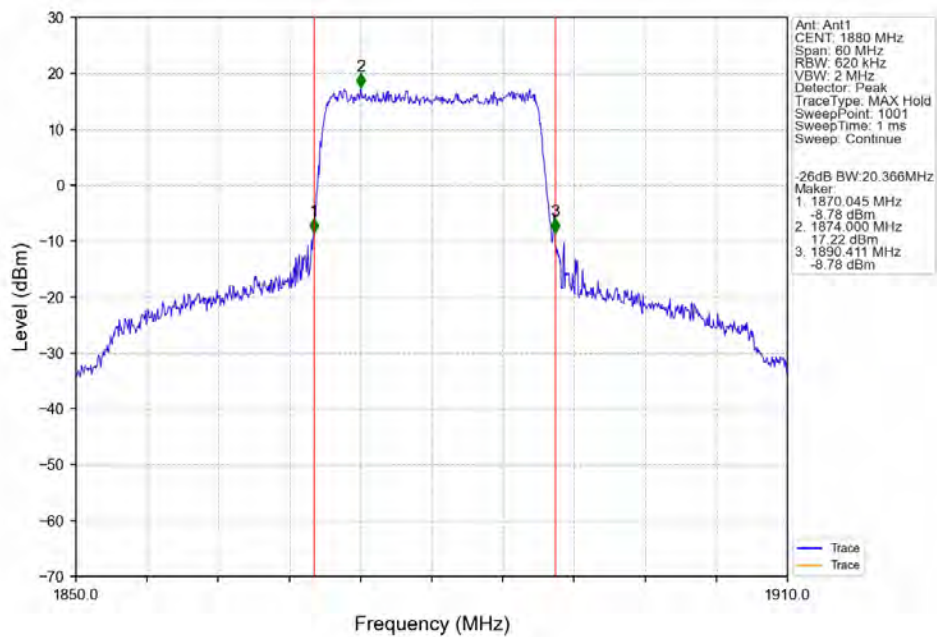
Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTV



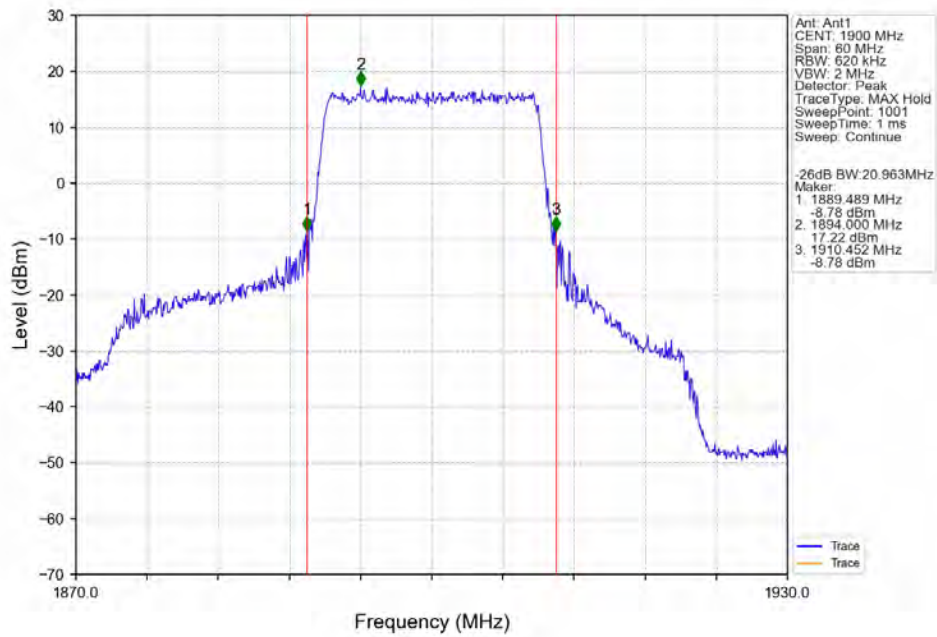
Band2 20MHz QPSK LCH 1860MHz RB 100 0 NTV



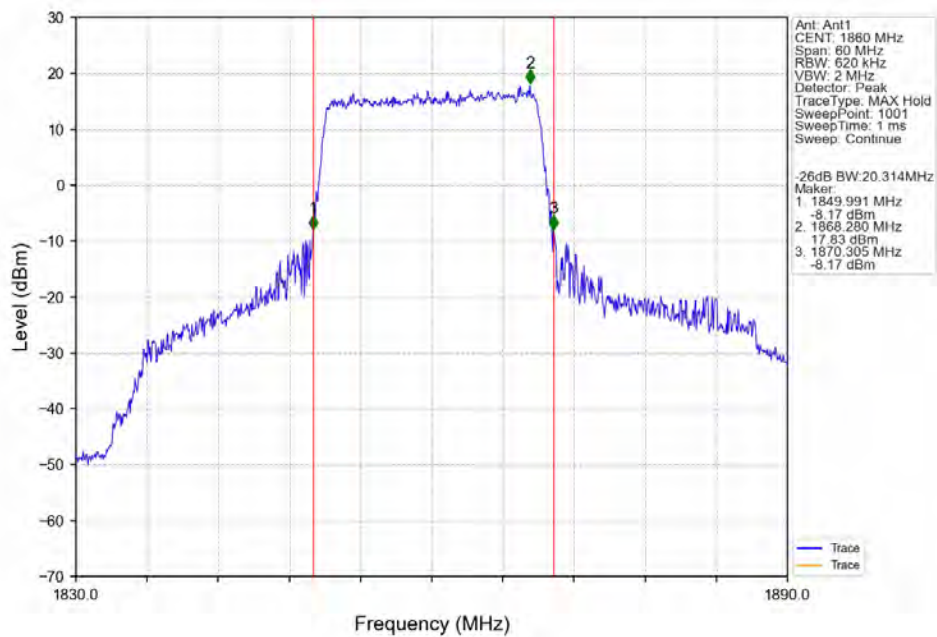
Band2 20MHz QPSK MCH 1880MHz RB 100 0 NTV



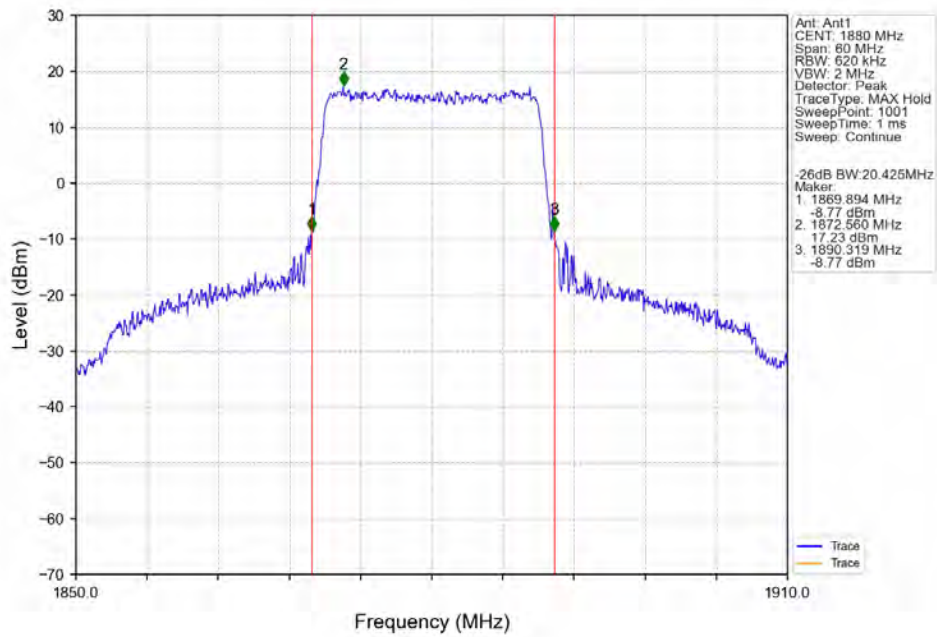
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTV



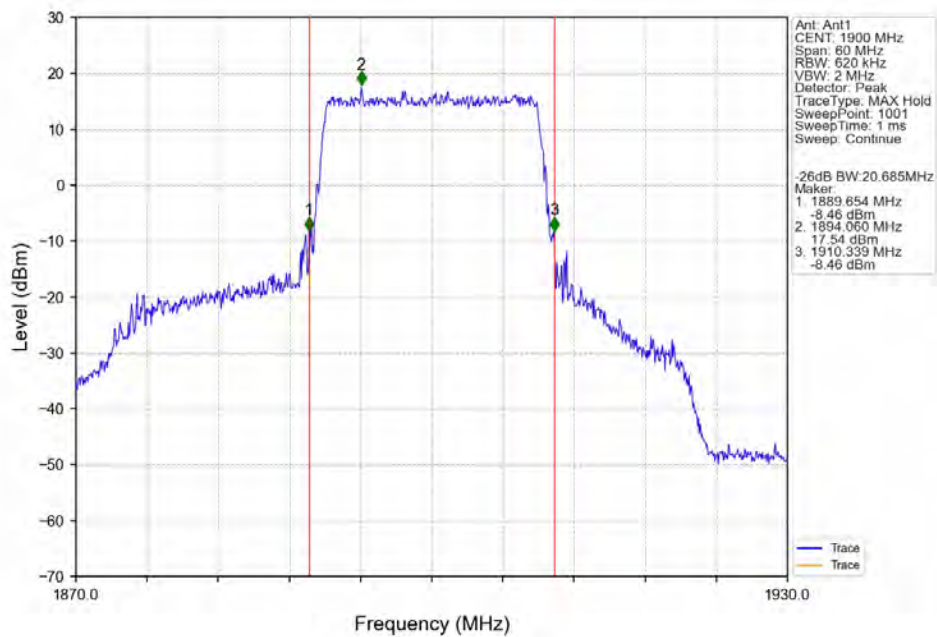
Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTV



Band2 20MHz 16QAM MCH 1880MHz RB 100 0 NTNV



Band2 20MHz 16QAM HCH 1900MHz 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      | 5.01                    | <=13  | Pass    |
|                                    | 1880            | 6             | 0      | 4.65                    | <=13  | Pass    |
|                                    | 1909.3          | 6             | 0      | 4.11                    | <=13  | Pass    |
| 16QAM                              | 1850.7          | 6             | 0      | 5.73                    | <=13  | Pass    |
|                                    | 1880            | 6             | 0      | 5.48                    | <=13  | Pass    |
|                                    | 1909.3          | 6             | 0      | 4.90                    | <=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      | 5.09                    | <=13  | Pass    |
|                                  | 1880            | 15            | 0      | 4.67                    | <=13  | Pass    |
|                                  | 1908.5          | 15            | 0      | 4.38                    | <=13  | Pass    |
| 16QAM                            | 1851.5          | 15            | 0      | 5.85                    | <=13  | Pass    |
|                                  | 1880            | 15            | 0      | 5.48                    | <=13  | Pass    |
|                                  | 1908.5          | 15            | 0      | 5.16                    | <=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      | 5.25                    | <=13  | Pass    |
|                                  | 1880            | 25            | 0      | 5.00                    | <=13  | Pass    |
|                                  | 1907.5          | 25            | 0      | 4.78                    | <=13  | Pass    |
| 16QAM                            | 1852.5          | 25            | 0      | 6.01                    | <=13  | Pass    |
|                                  | 1880            | 25            | 0      | 5.69                    | <=13  | Pass    |
|                                  | 1907.5          | 25            | 0      | 5.46                    | <=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      | 5.41                    | <=13  | Pass    |
|                                   | 1880            | 50            | 0      | 5.02                    | <=13  | Pass    |
|                                   | 1905            | 50            | 0      | 5.06                    | <=13  | Pass    |
| 16QAM                             | 1855            | 50            | 0      | 6.08                    | <=13  | Pass    |
|                                   | 1880            | 50            | 0      | 5.74                    | <=13  | Pass    |

|  |      |    |   |      |      |      |
|--|------|----|---|------|------|------|
|  | 1905 | 50 | 0 | 5.82 | <=13 | Pass |
|--|------|----|---|------|------|------|

### 5.1.5 B2\_15MHz

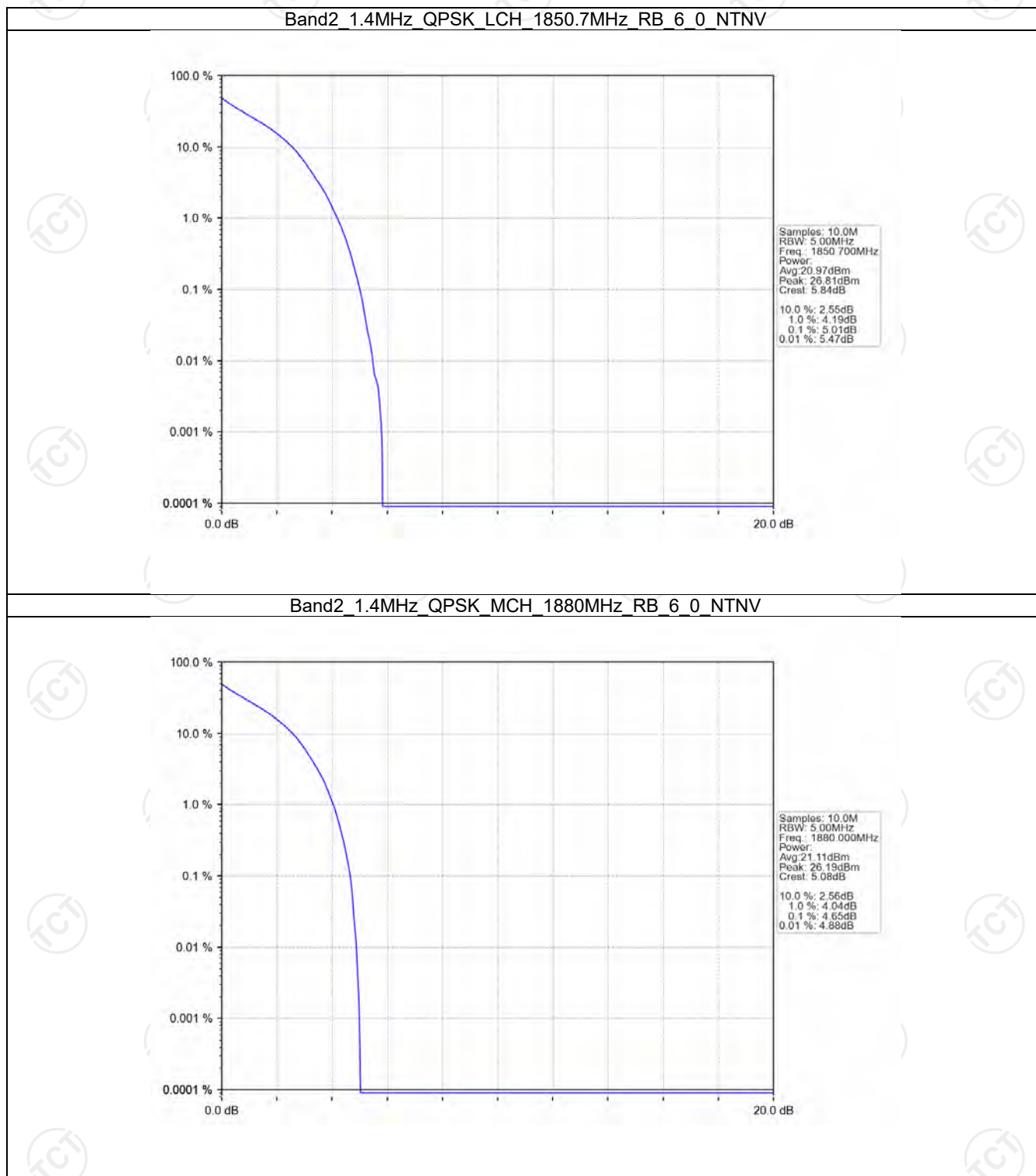
| Band: 2 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1857.5          | 75            | 0      | 5.51                    | <=13  | Pass    |
|                                   | 1880            | 75            | 0      | 5.07                    | <=13  | Pass    |
|                                   | 1902.5          | 75            | 0      | 5.12                    | <=13  | Pass    |
| 16QAM                             | 1857.5          | 75            | 0      | 6.03                    | <=13  | Pass    |
|                                   | 1880            | 75            | 0      | 5.69                    | <=13  | Pass    |
|                                   | 1902.5          | 75            | 0      | 5.75                    | <=13  | Pass    |

### 5.1.6 B2\_20MHz

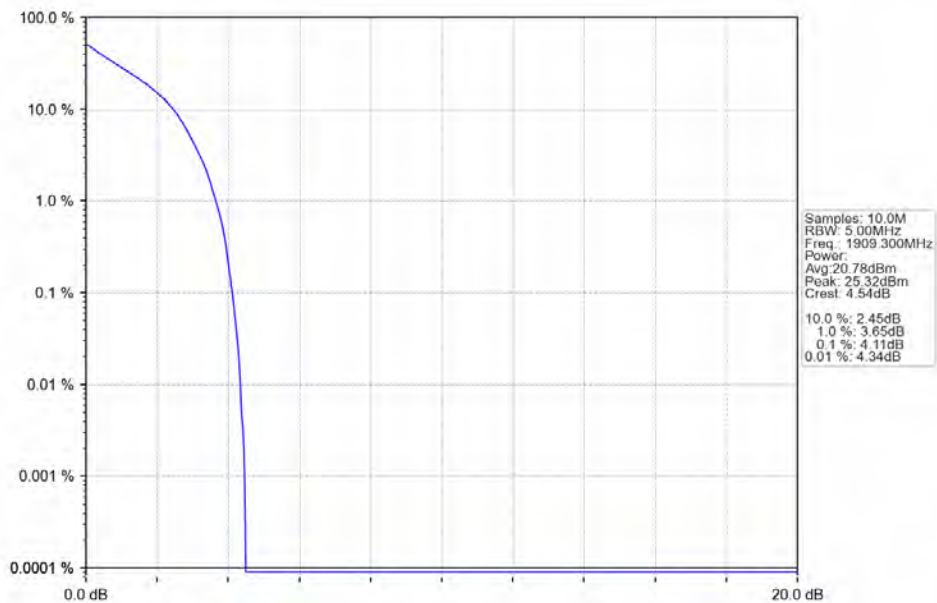
| Band: 2 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1860            | 100           | 0      | 5.33                    | <=13  | Pass    |
|                                   | 1880            | 100           | 0      | 5.08                    | <=13  | Pass    |
|                                   | 1900            | 100           | 0      | 5.11                    | <=13  | Pass    |
| 16QAM                             | 1860            | 100           | 0      | 6.00                    | <=13  | Pass    |
|                                   | 1880            | 100           | 0      | 5.82                    | <=13  | Pass    |
|                                   | 1900            | 100           | 0      | 5.89                    | <=13  | Pass    |

## 5.2 Test Graph

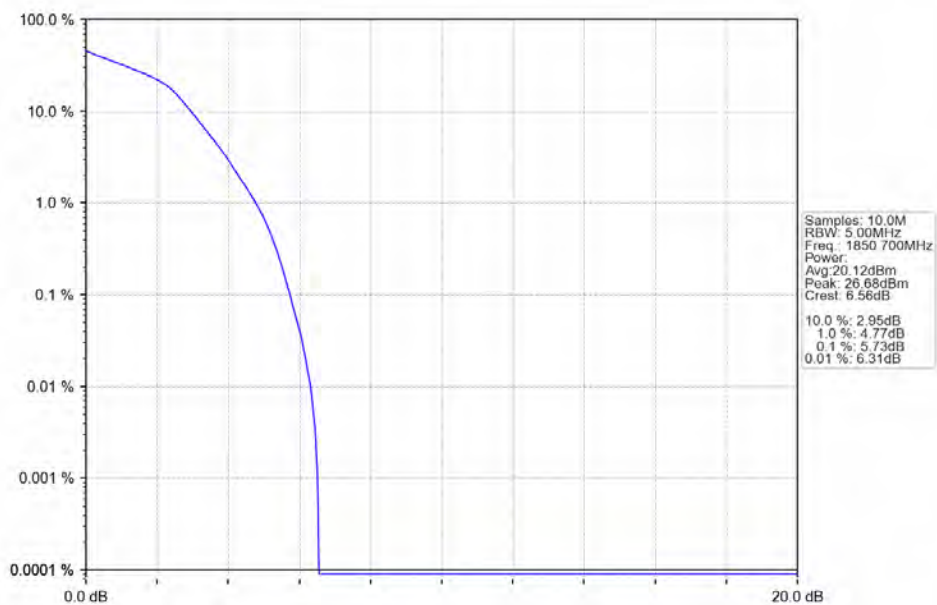
### 5.2.1 B2\_1.4MHz



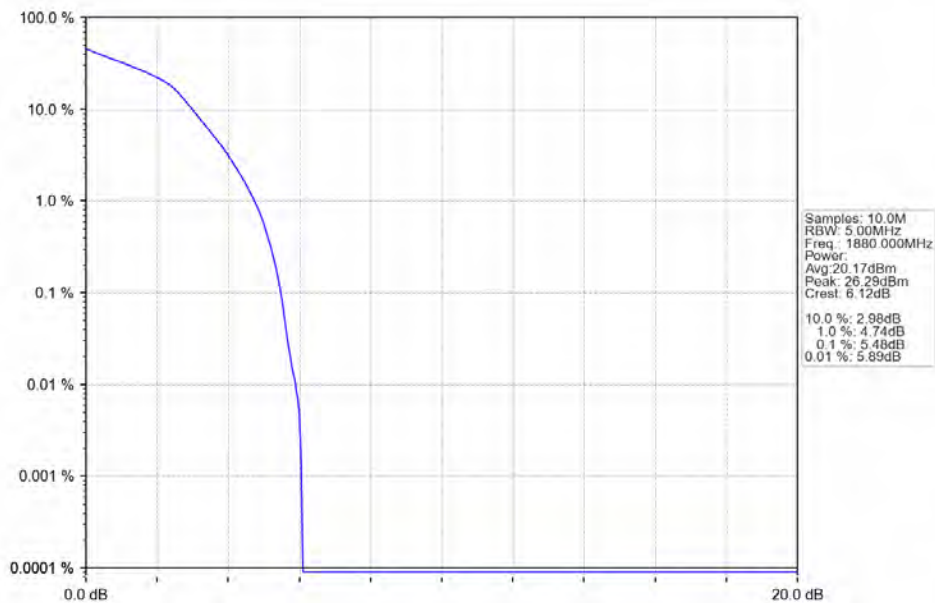
Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTNV



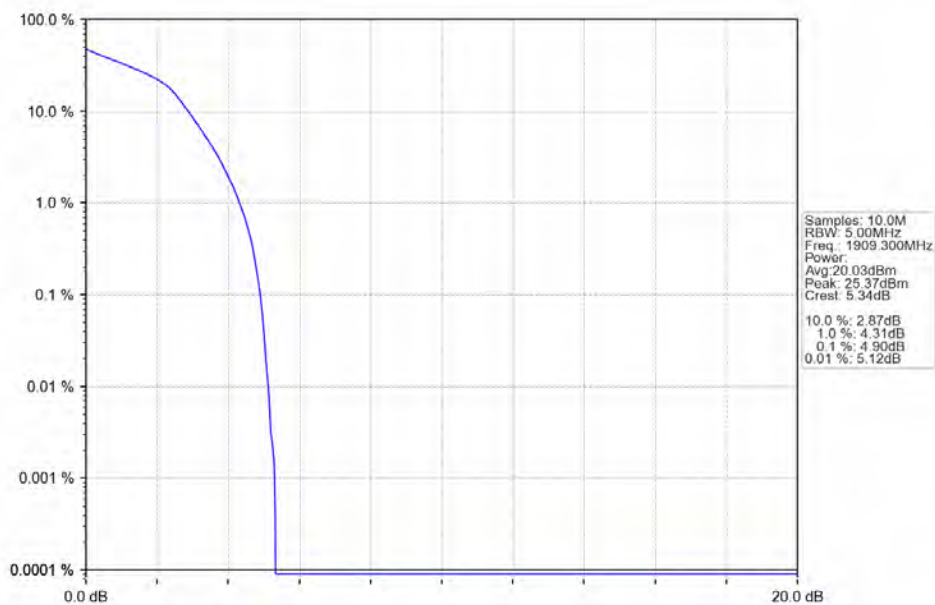
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



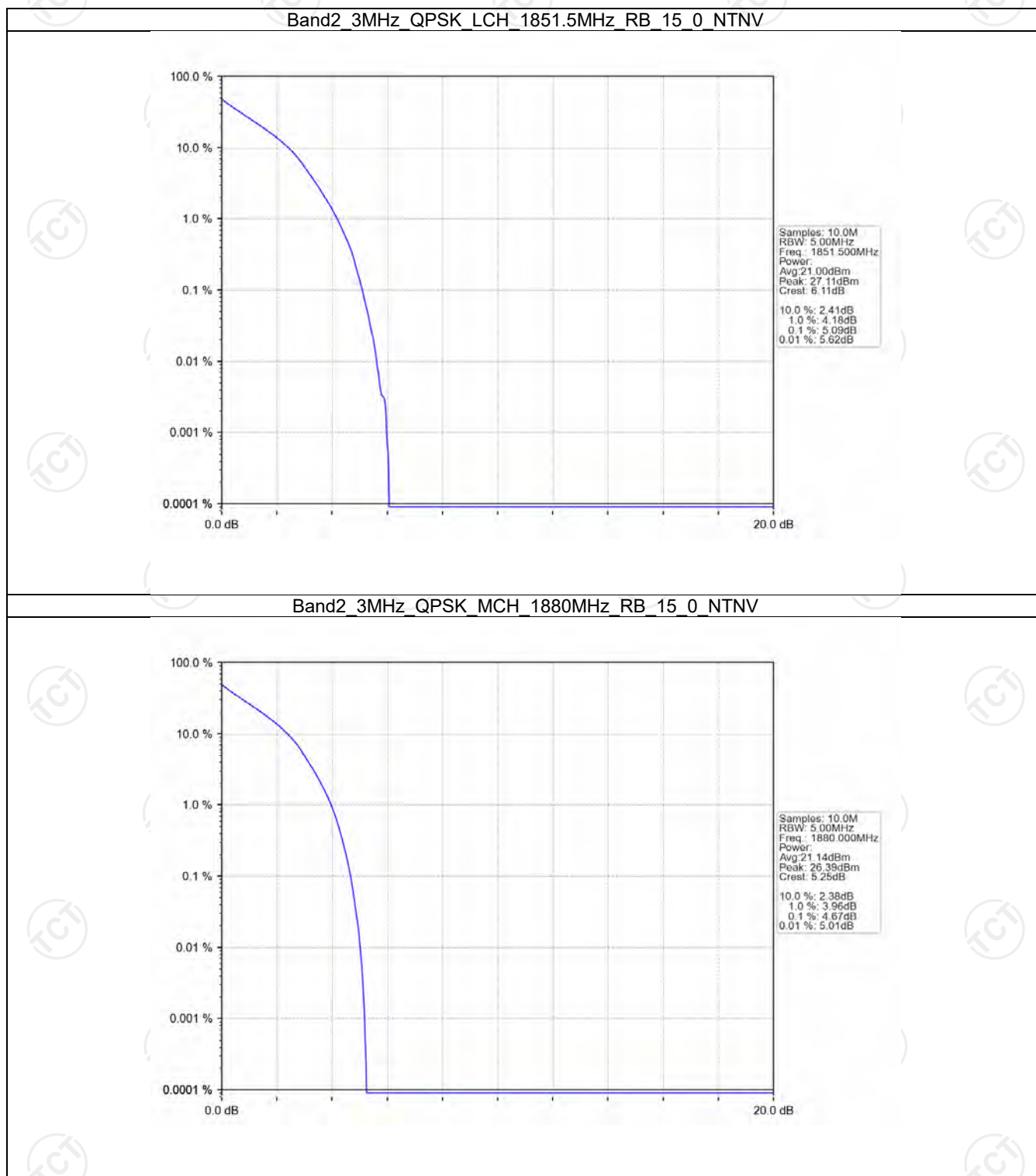
Band2 1.4MHz 16QAM MCH 1880MHz RB 6 0 NTNV



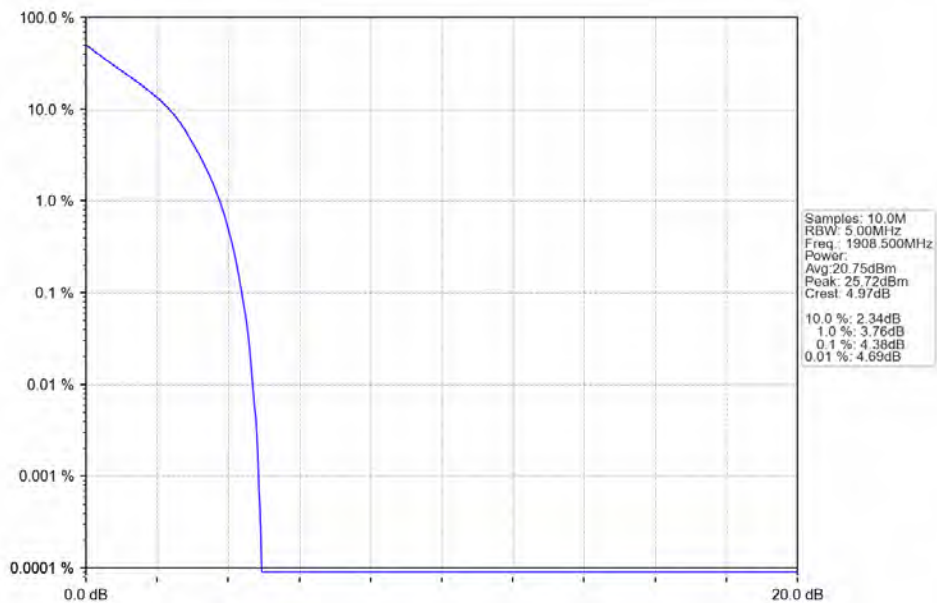
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV



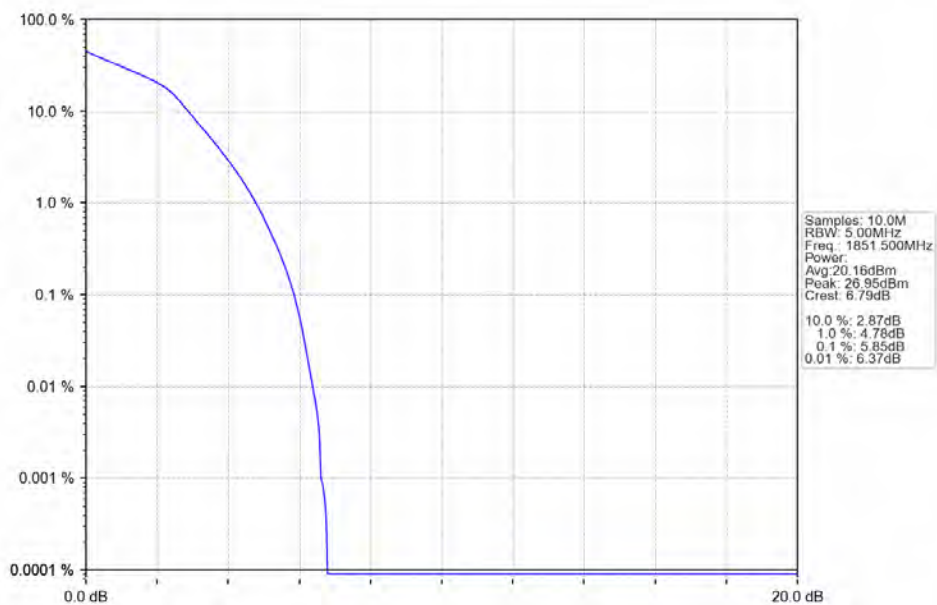
## 5.2.2 B2\_3MHz



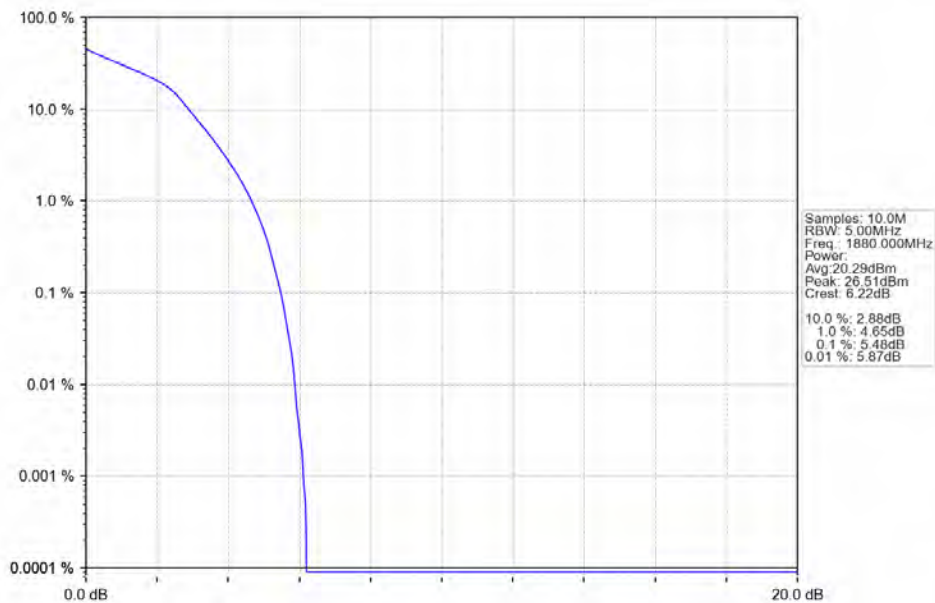
Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTNV



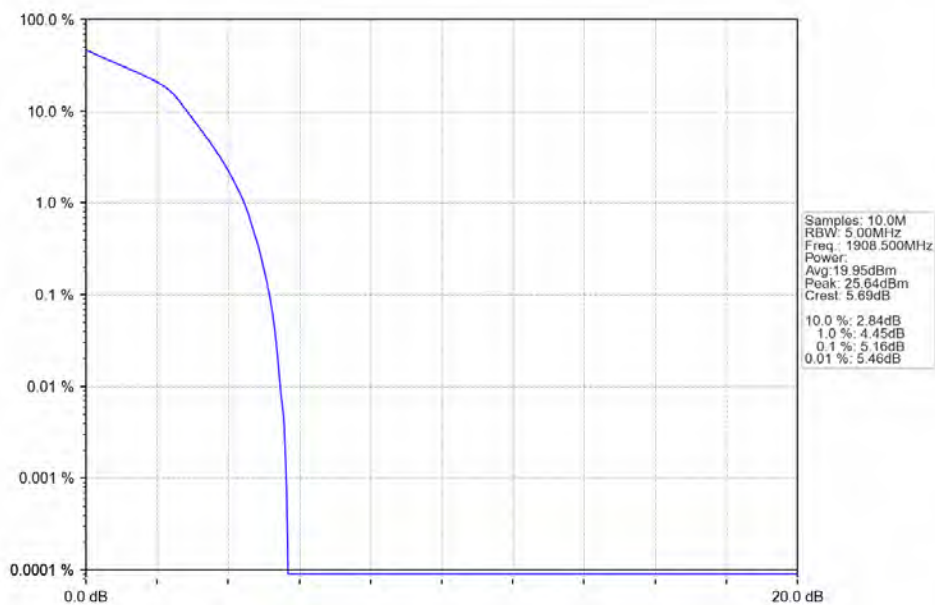
Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



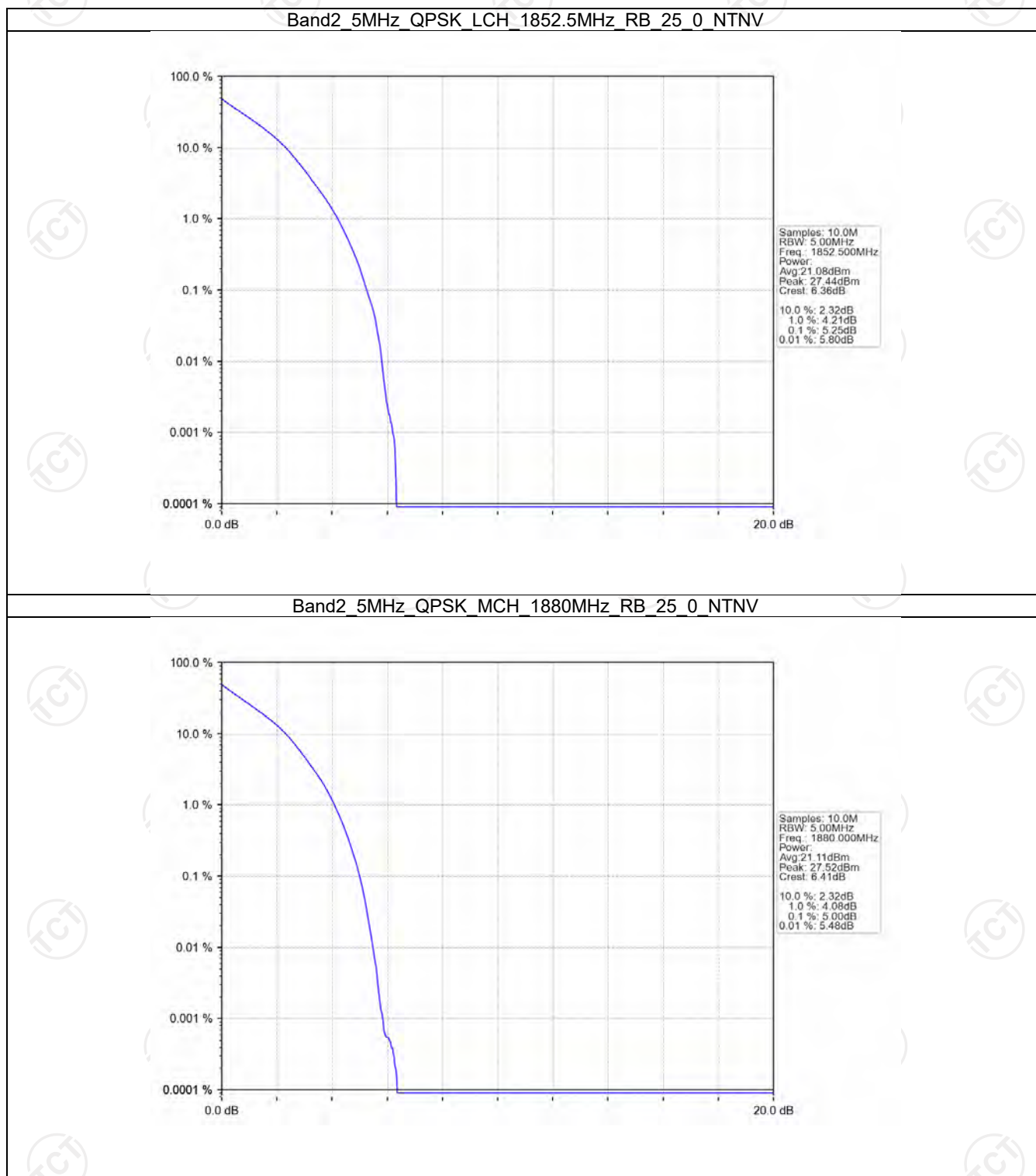
Band2 3MHz 16QAM MCH 1880MHz RB 15 0 NTNV



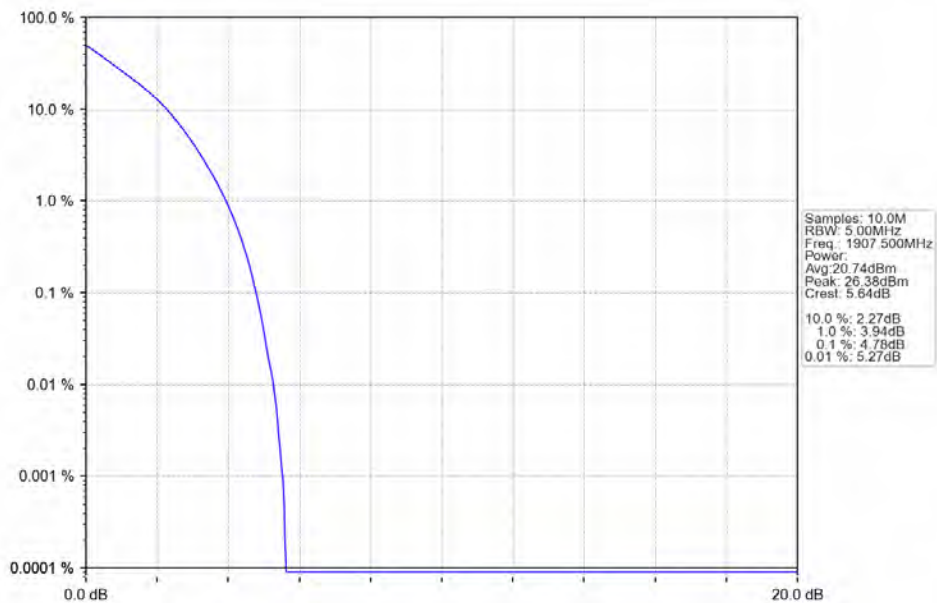
Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTNV



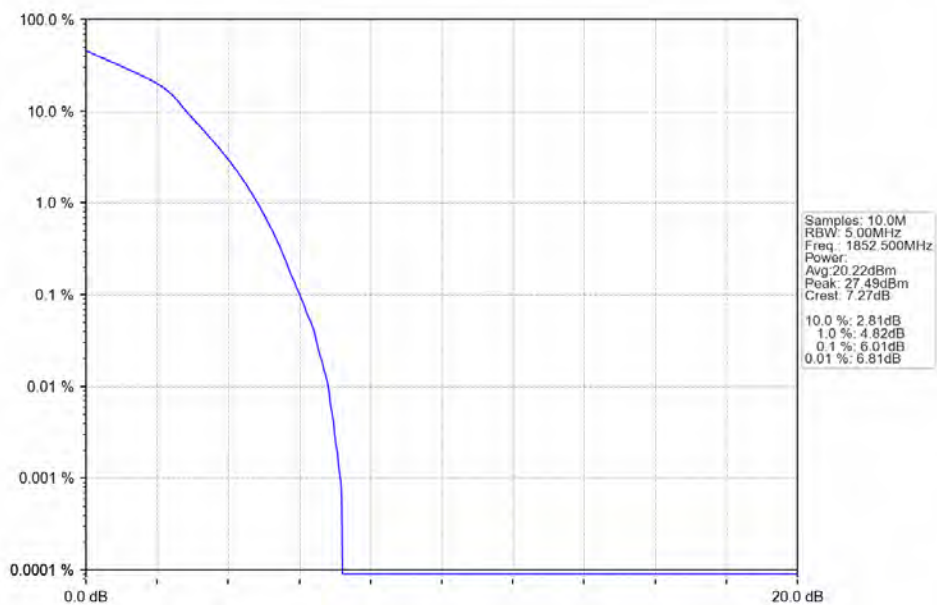
### 5.2.3 B2\_5MHz



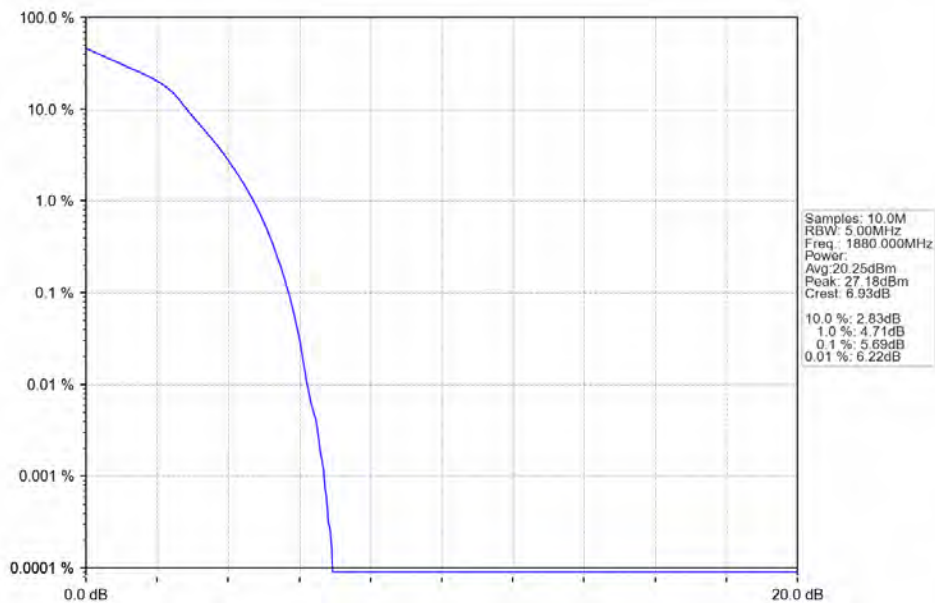
Band2 5MHz QPSK HCH 1907.5MHz RB 25 0 NTNV



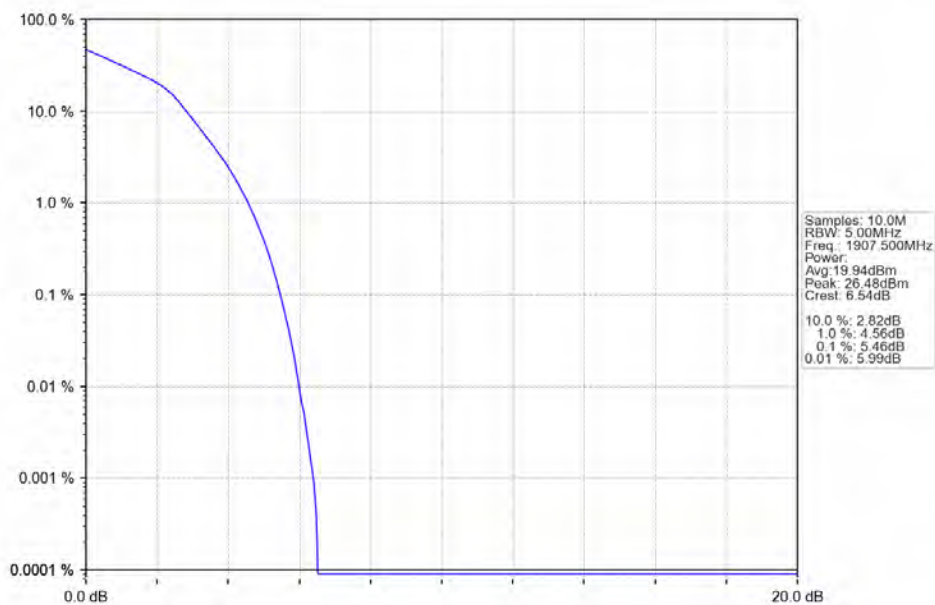
Band2 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



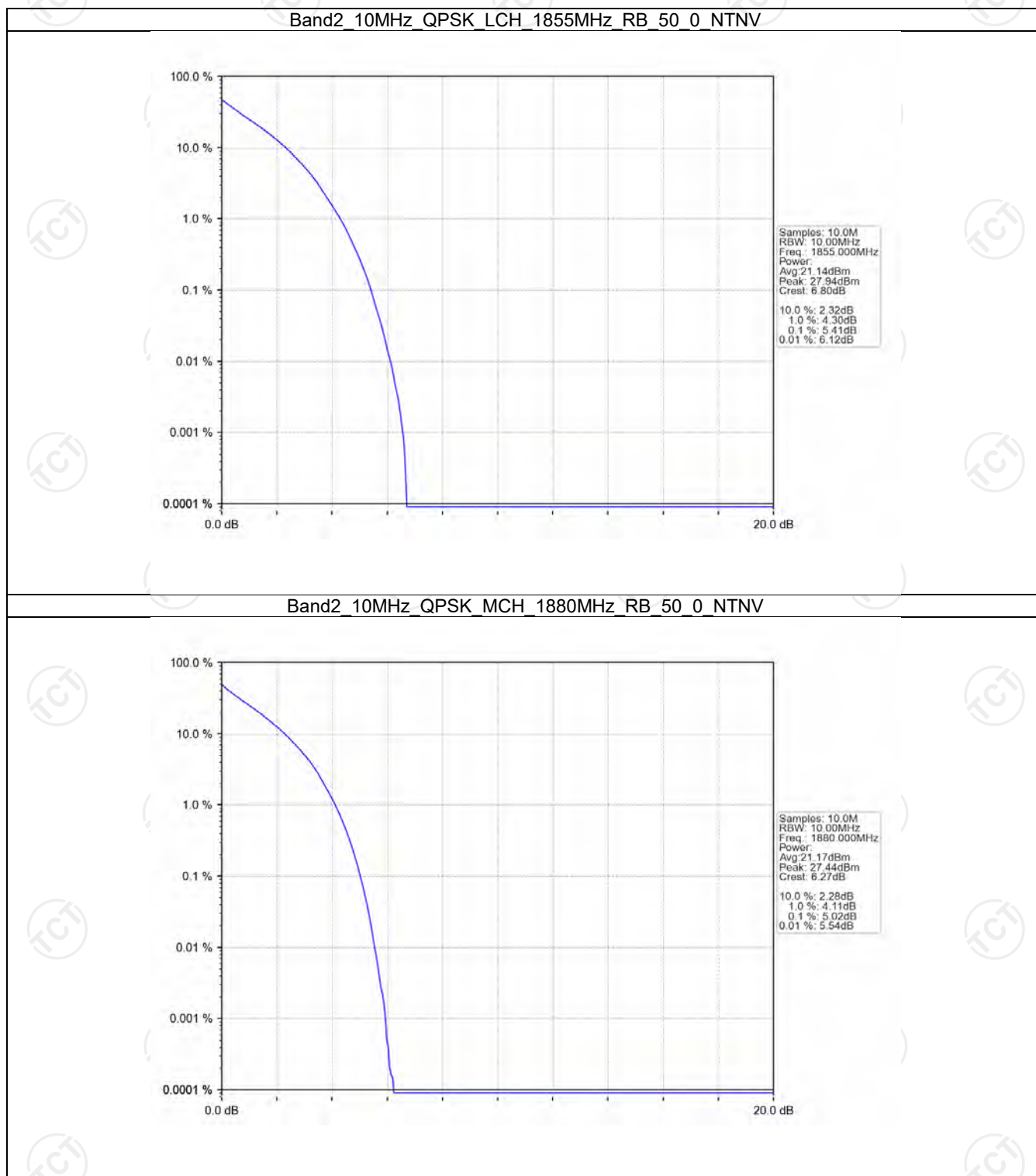
Band2 5MHz 16QAM MCH 1880MHz RB 25 0 NTNV



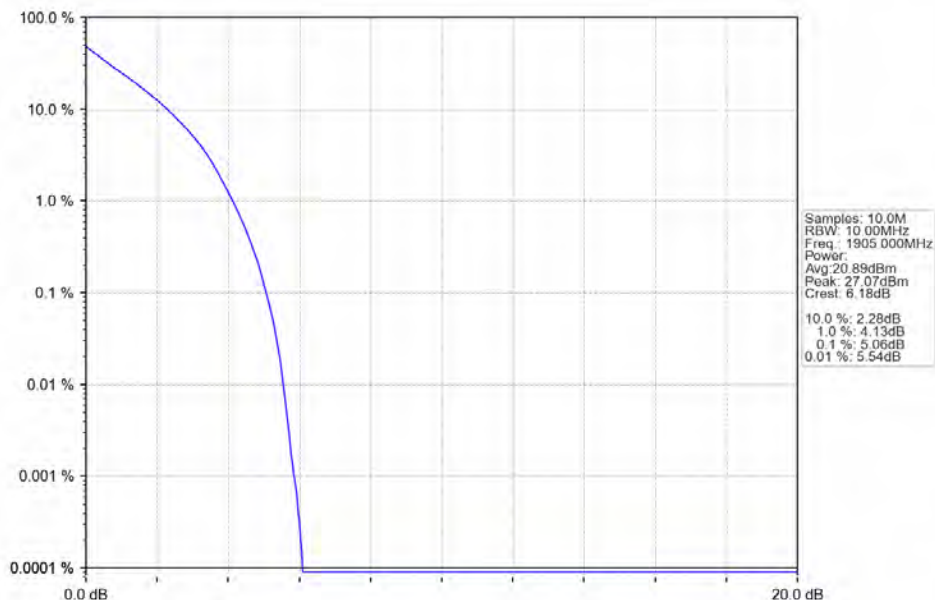
Band2 5MHz 16QAM HCH 1907.5MHz RB 25 0 NTNV



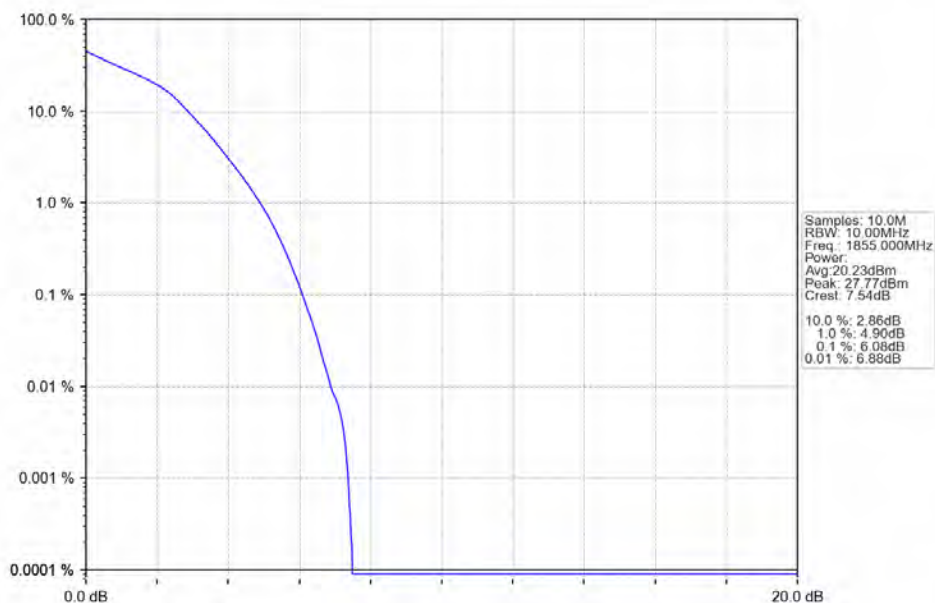
## 5.2.4 B2\_10MHz



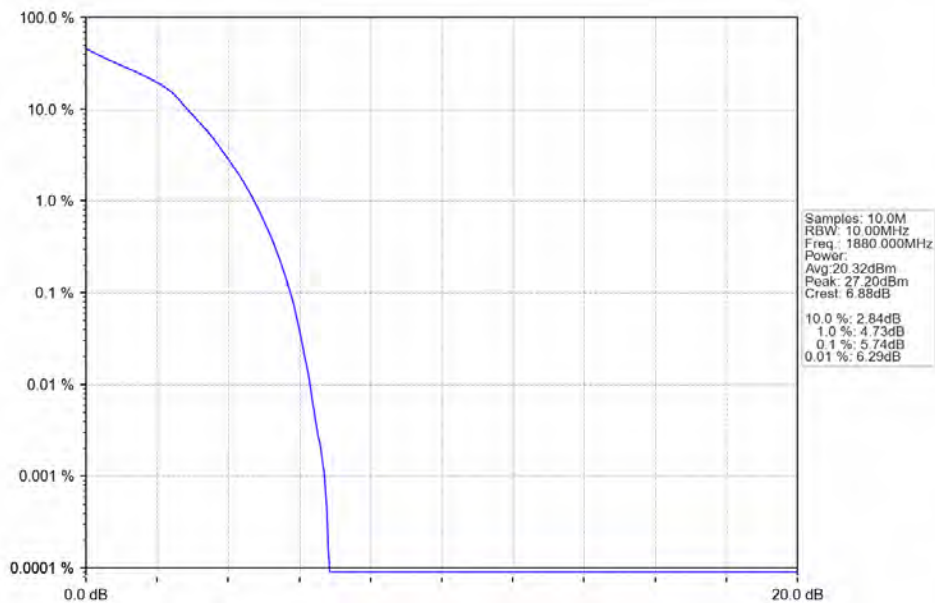
Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV



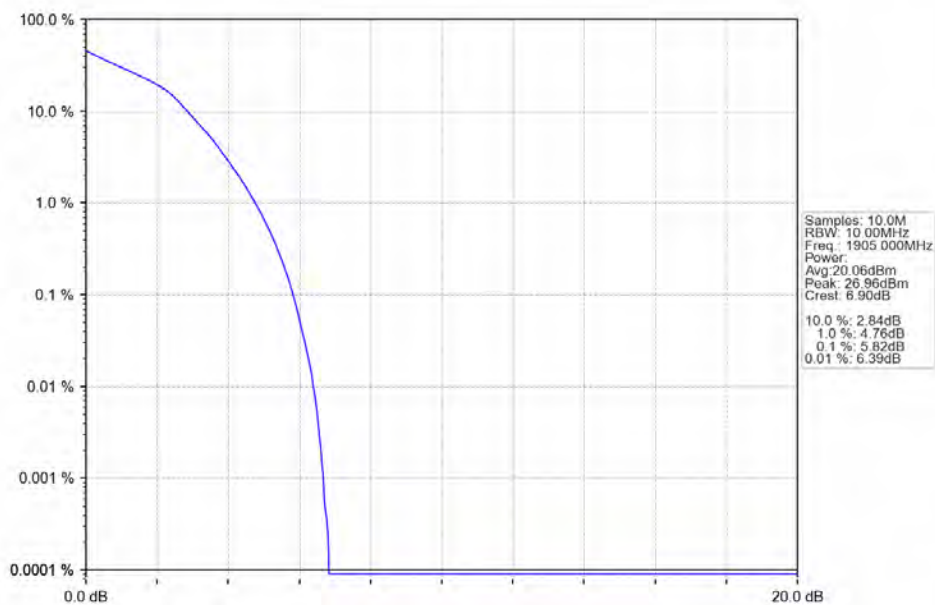
Band2 10MHz 16QAM LCH 1855MHz RB 50 0 NTNV



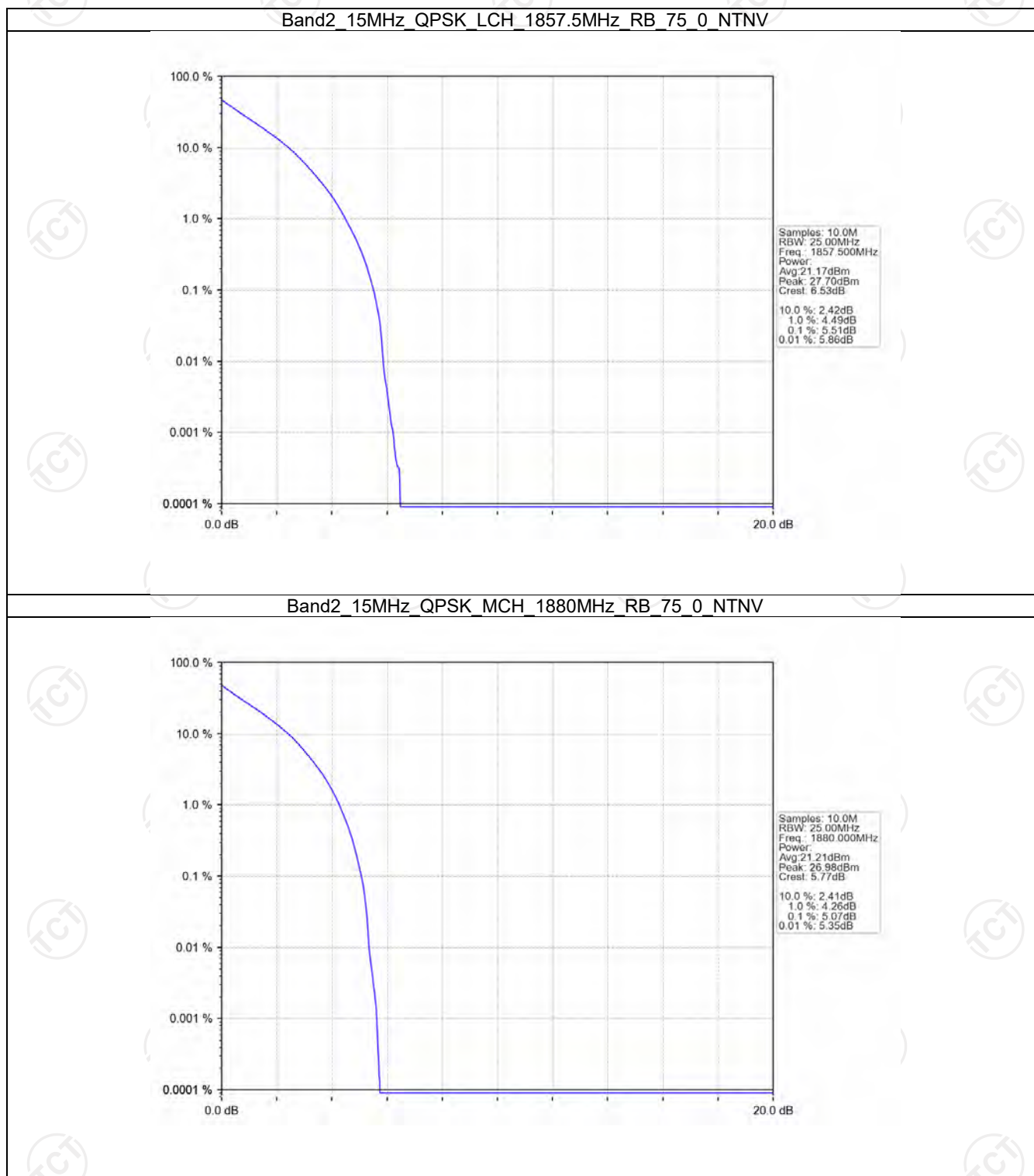
Band2 10MHz 16QAM MCH 1880MHz RB 50 0 NTV



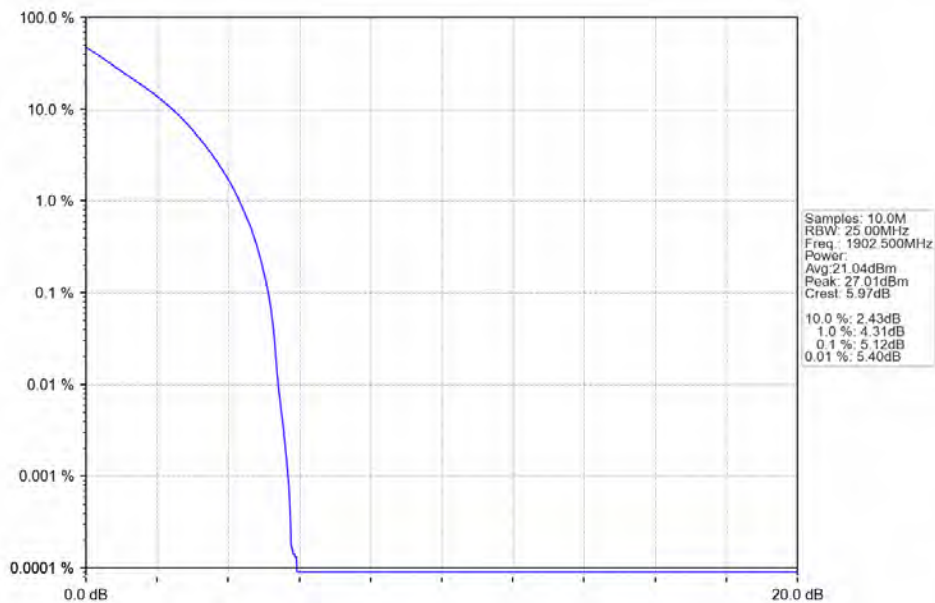
Band2 10MHz 16QAM HCH 1905MHz RB 50 0 NTV



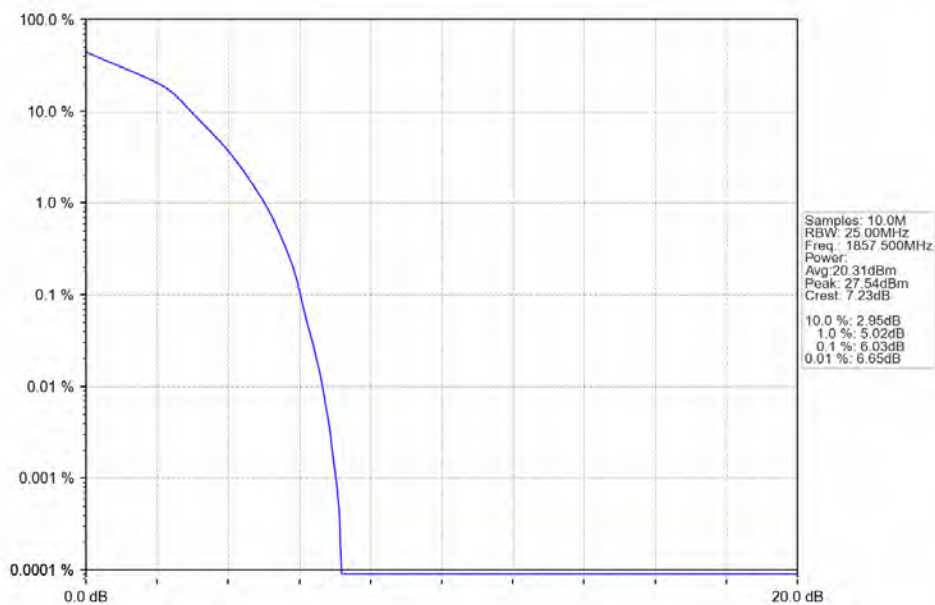
## 5.2.5 B2\_15MHz



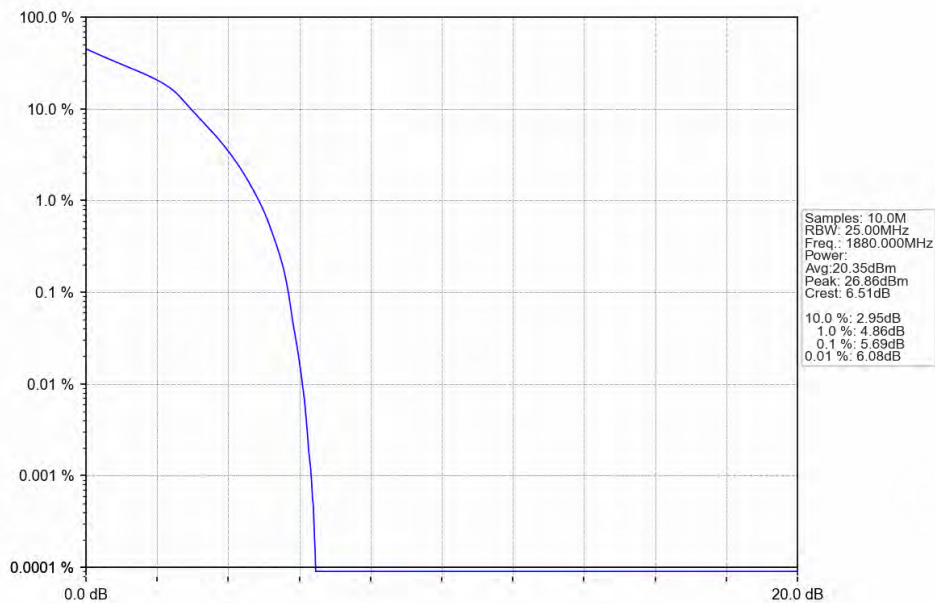
Band2 15MHz QPSK HCH 1902.5MHz RB 75 0 NTNV



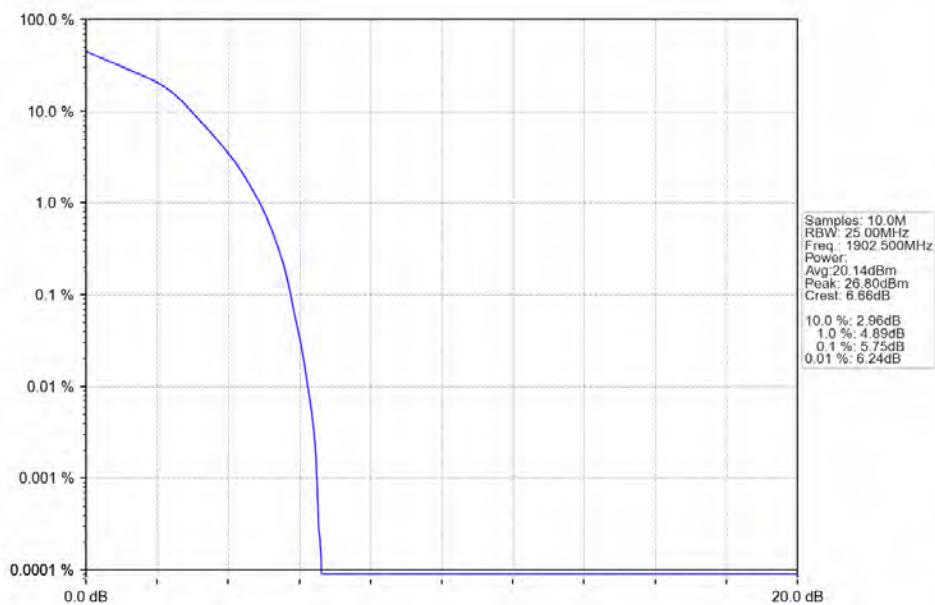
Band2 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



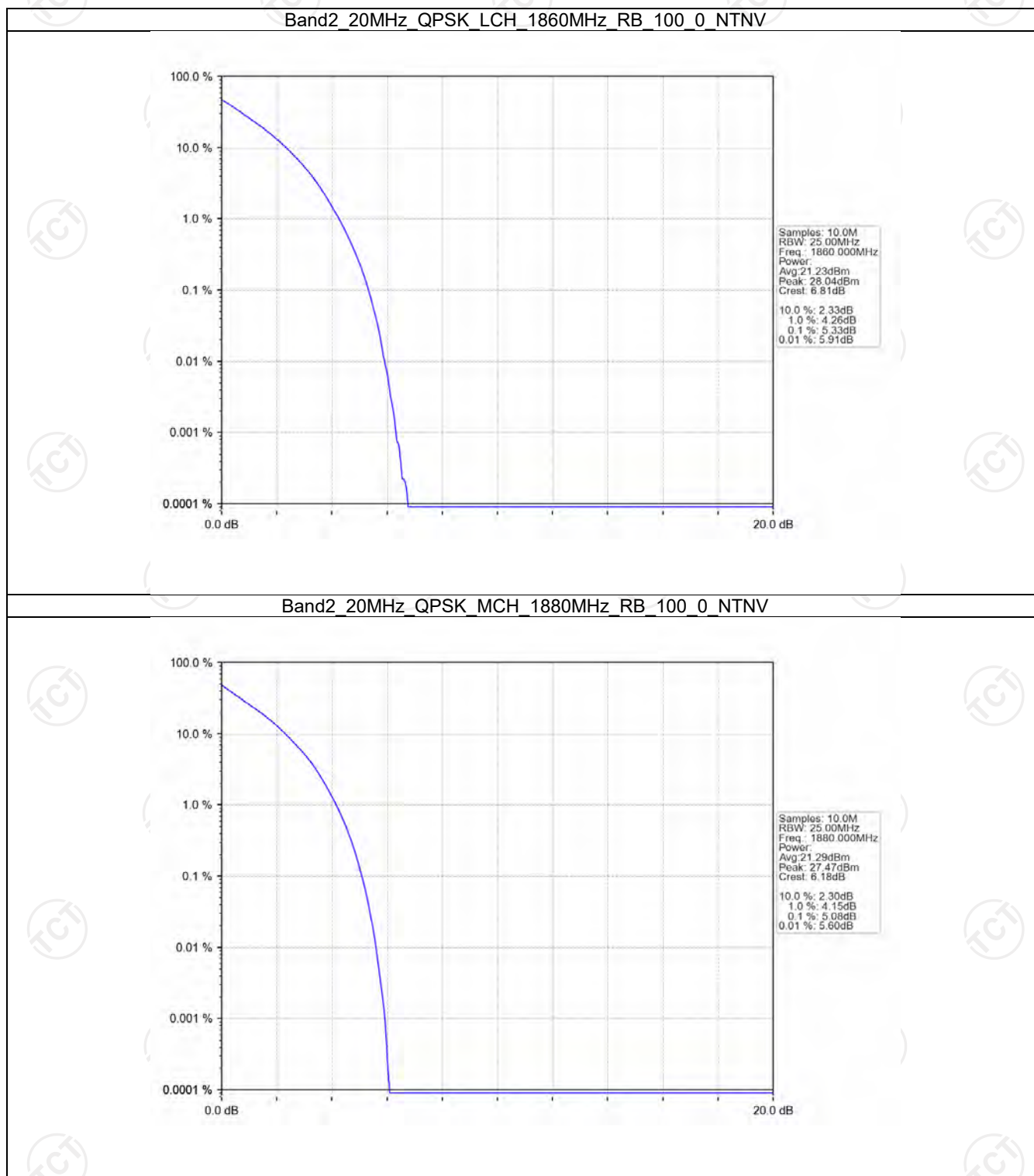
Band2 15MHz 16QAM MCH 1880MHz RB 75 0 NTNV



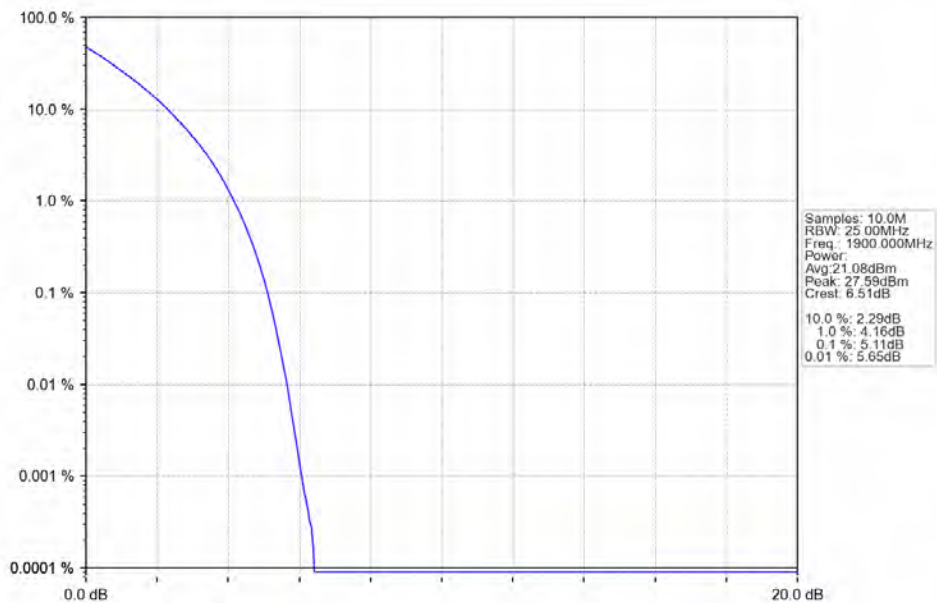
Band2 15MHz 16QAM HCH 1902.5MHz RB 75 0 NTNV



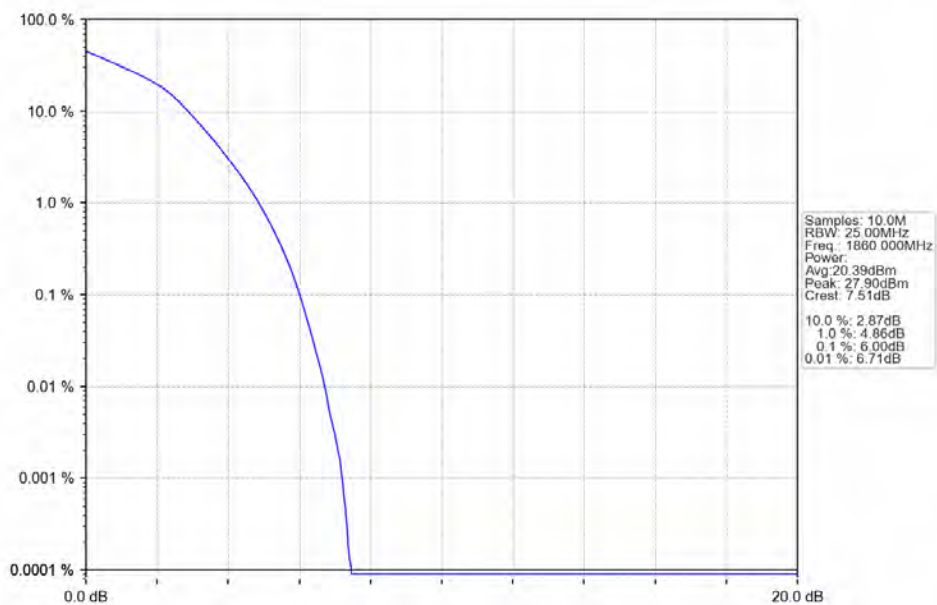
## 5.2.6 B2\_20MHz



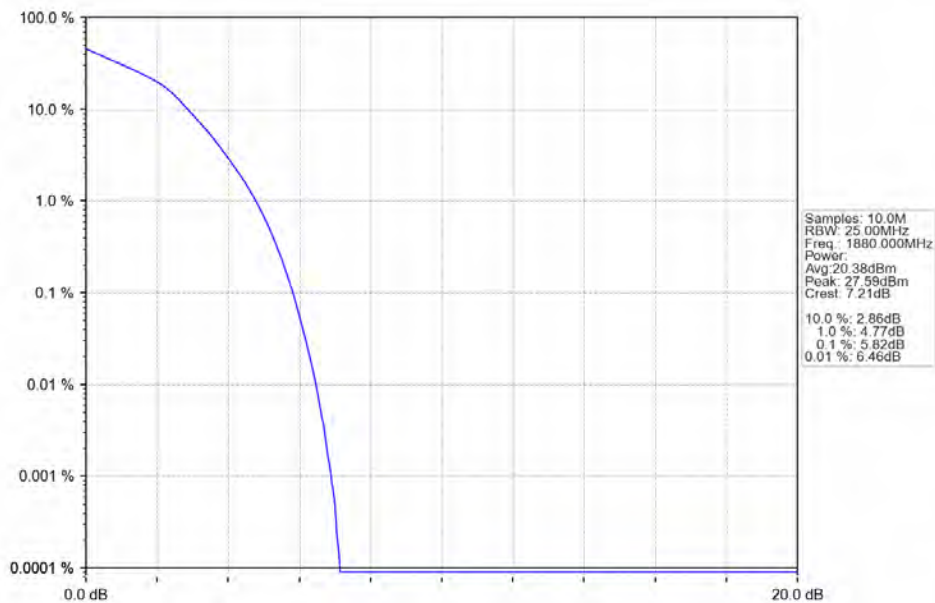
Band2 20MHz QPSK HCH 1900MHz RB 100 0 NTV



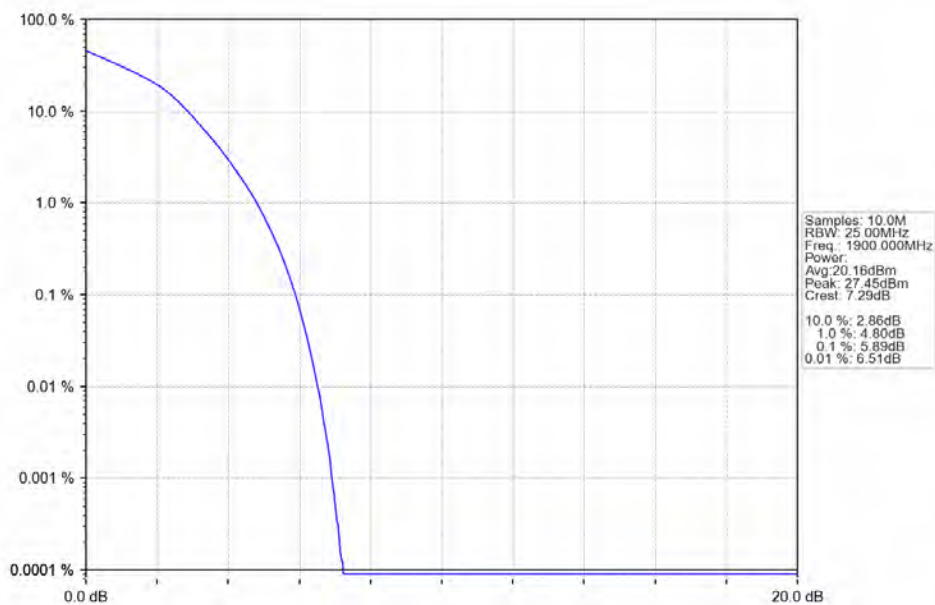
Band2 20MHz 16QAM LCH 1860MHz RB 100 0 NTV



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    |
|                                    | 1909.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 1             | 5      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | 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    |
|                                    | 1909.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 1             | 5      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | 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    |
|                                  | 1908.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | 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    |
|                                  | 1908.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | 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    |
|                                  | 1907.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                            | 1852.5          | 1             | 0      | Refer To Test Graph |       | Pass    |

|  |        |    |    |                     |      |
|--|--------|----|----|---------------------|------|
|  |        | 25 | 0  | Refer To Test Graph | Pass |
|  | 1880   | 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   |       | Verdict |
|                                   |                 | 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    |
|                                   | 1905            | 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    |
|                                   | 1905            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               |        | Refer To Test Graph |       | Pass    |
|                                   |                 |               |        | Refer To Test Graph |       | Pass    |

#### 6.1.5 B2\_15MHz

| Band: 2 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | 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    |
|                                   | 1902.5          | 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    |
|                                   | 1902.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               |        | Refer To Test Graph |       | Pass    |
|                                   |                 |               |        | Refer To Test Graph |       | Pass    |

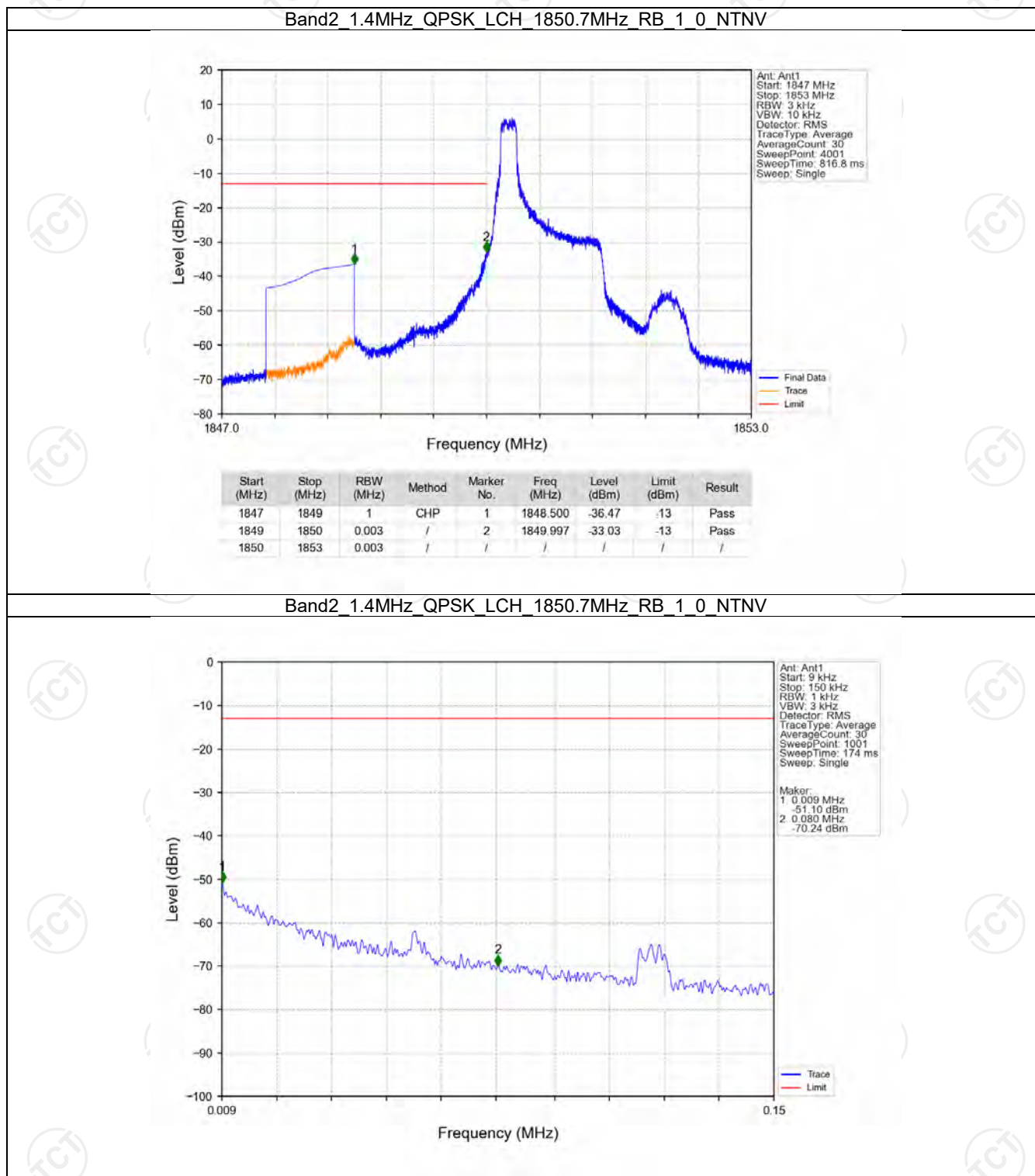
#### 6.1.6 B2\_20MHz

| Band: 2 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | 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    |
|                                   | 1900            | 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    |

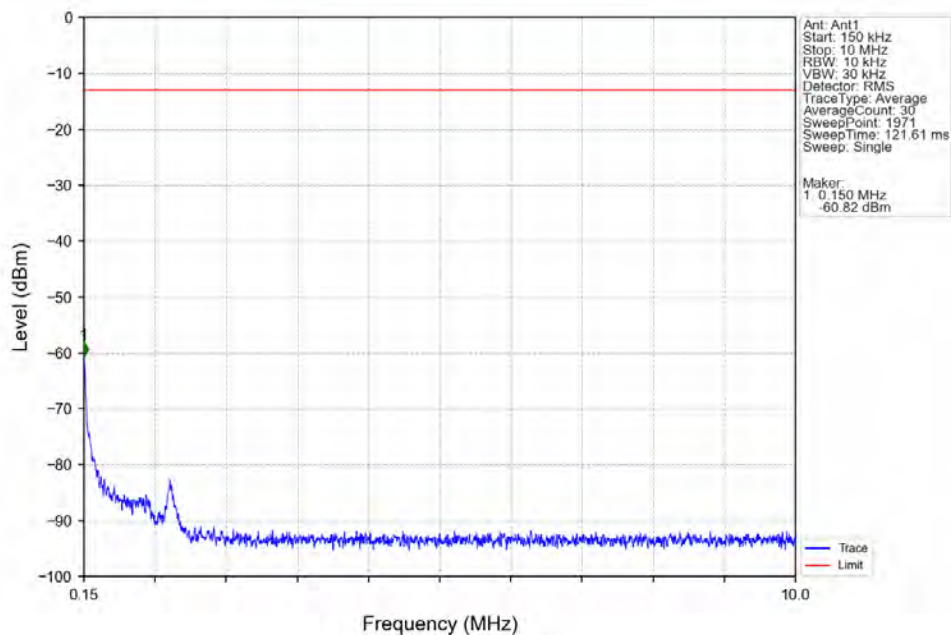
|  |      |     |    |                     |      |
|--|------|-----|----|---------------------|------|
|  |      | 100 | 0  | Refer To Test Graph | Pass |
|  | 1880 | 1   | 0  | Refer To Test Graph | Pass |
|  | 1900 | 1   | 0  | Refer To Test Graph | Pass |
|  |      |     | 99 | Refer To Test Graph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

## 6.2 Test Graph

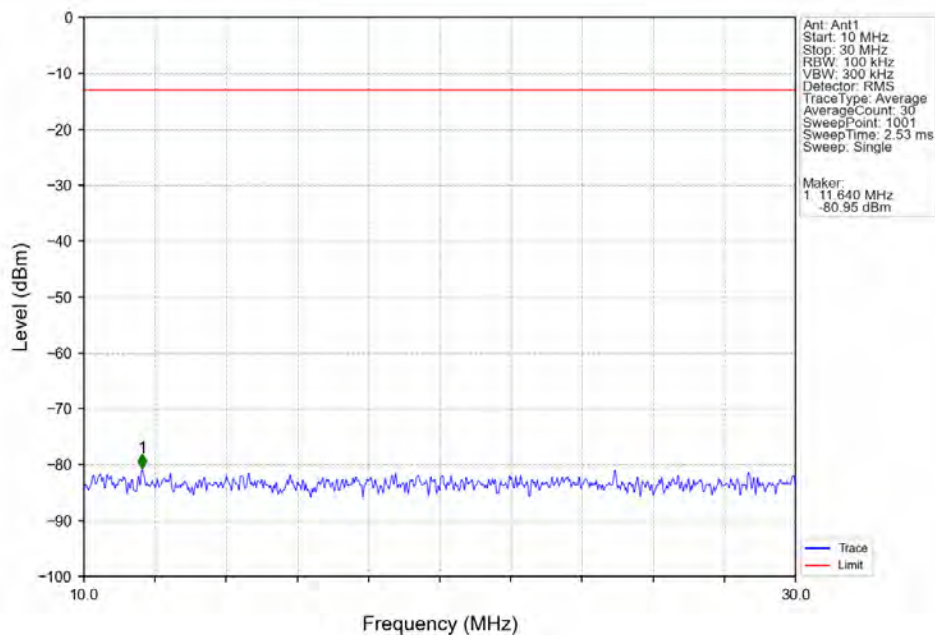
### 6.2.1 B2\_1.4MHz



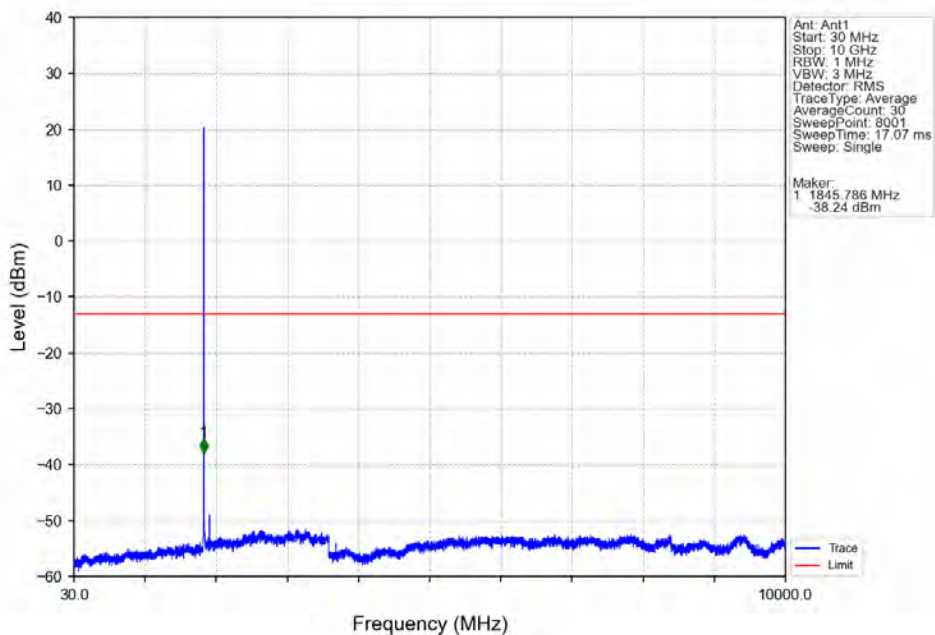
Band2 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



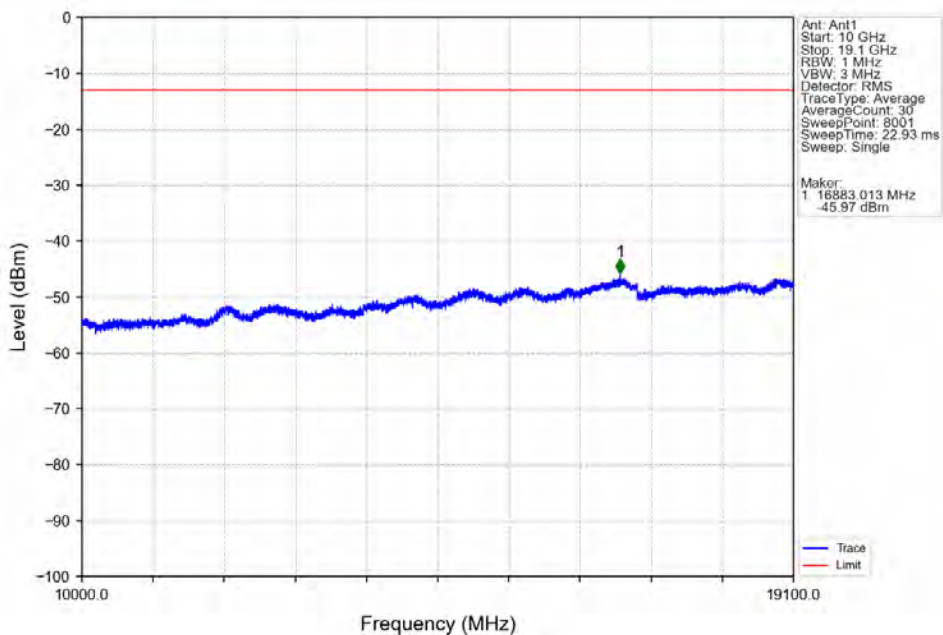
Band2 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



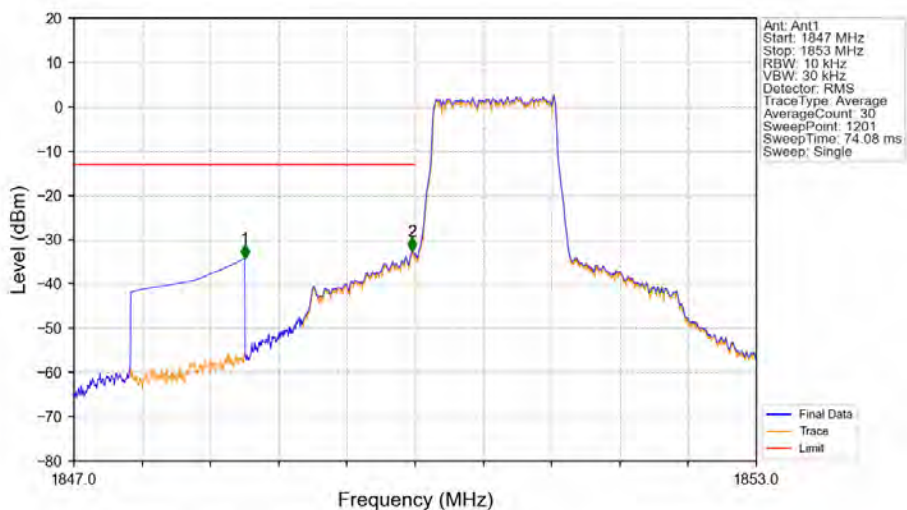
Band2 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



Band2 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV

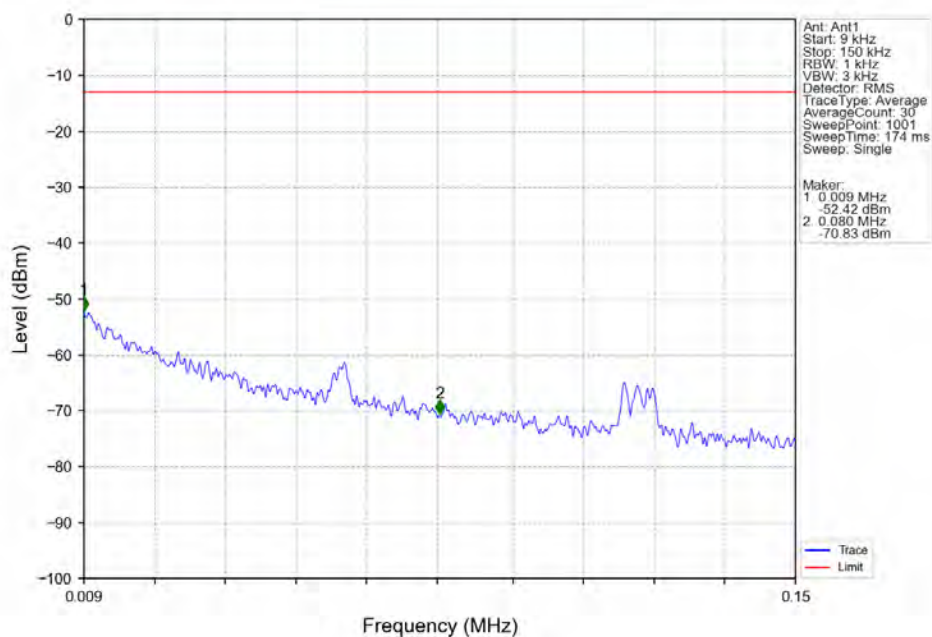


## Band2 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTN

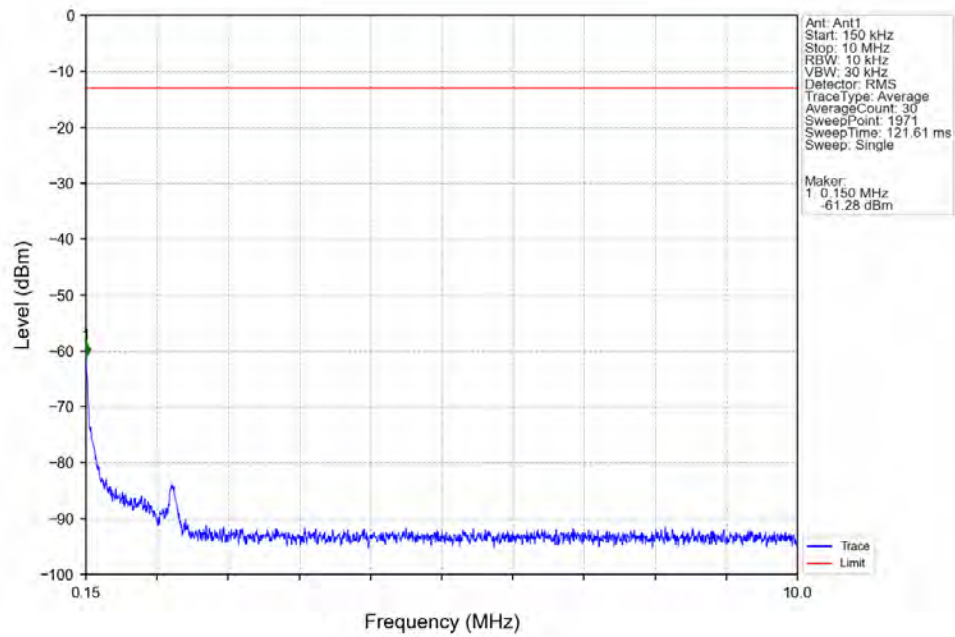


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -34.15      | -13         | Pass   |
| 1849        | 1850       | 0.013     | CHP    | 2          | 1849.975   | -32.50      | -13         | Pass   |
| 1850        | 1853       | 0.013     | CHP    | /          | /          | /           | /           | /      |

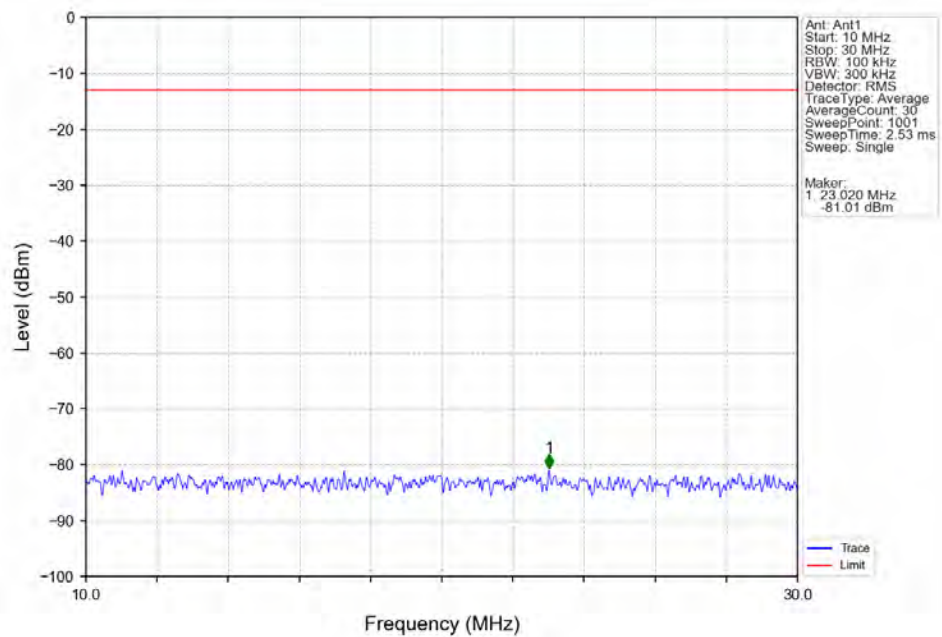
## Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTN



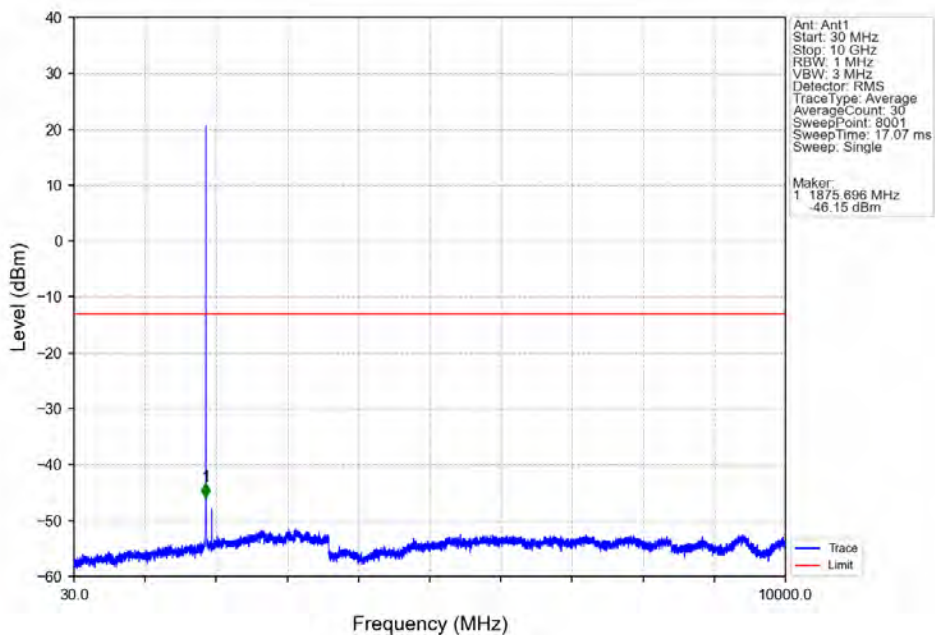
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTNV



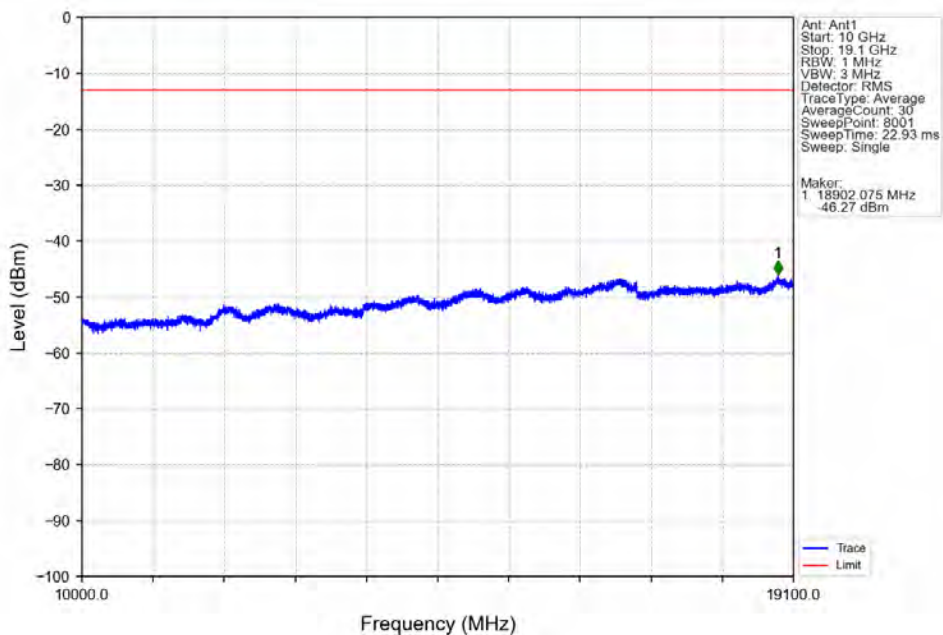
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTNV



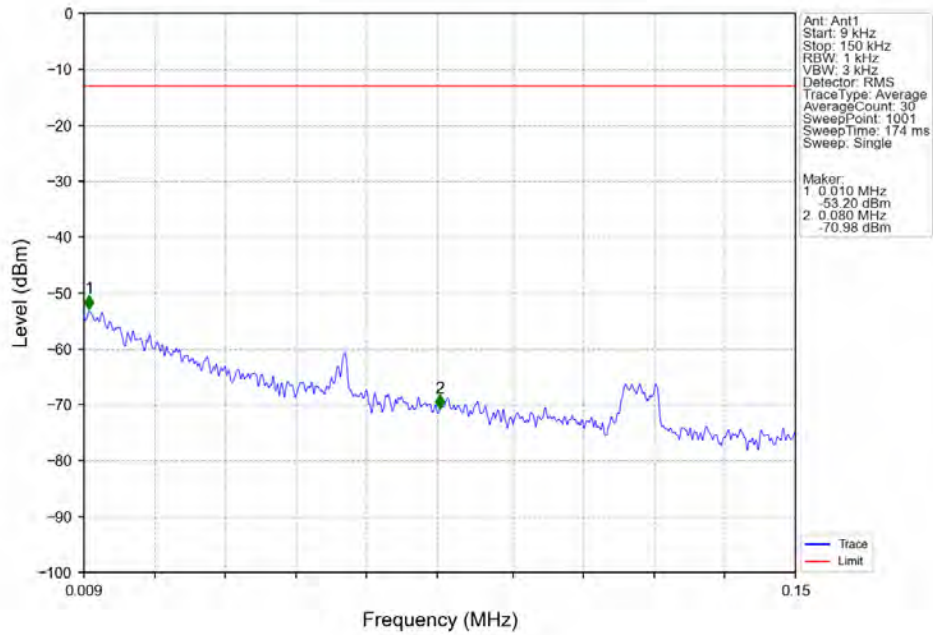
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTNV



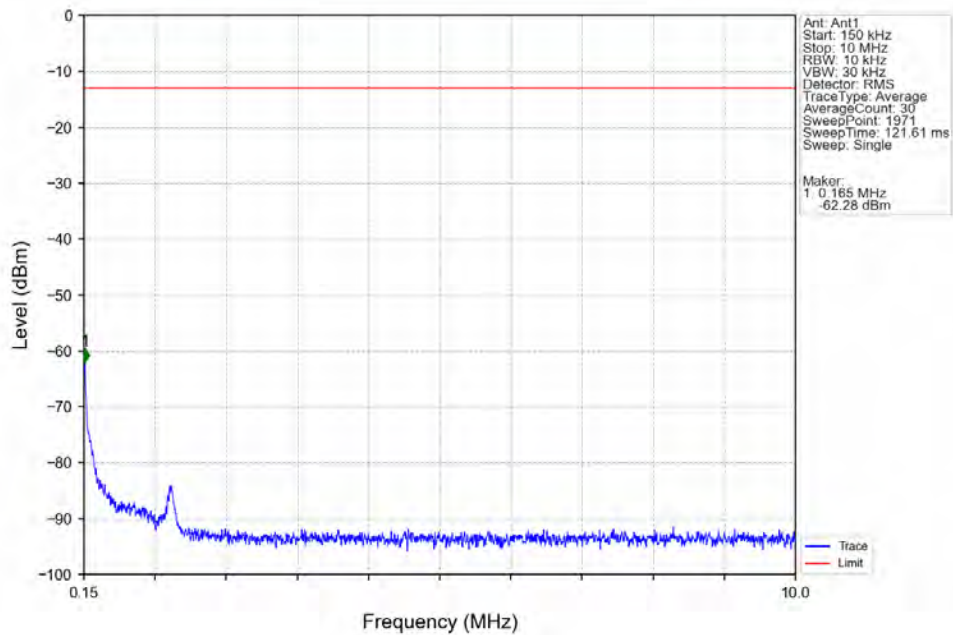
Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTNV



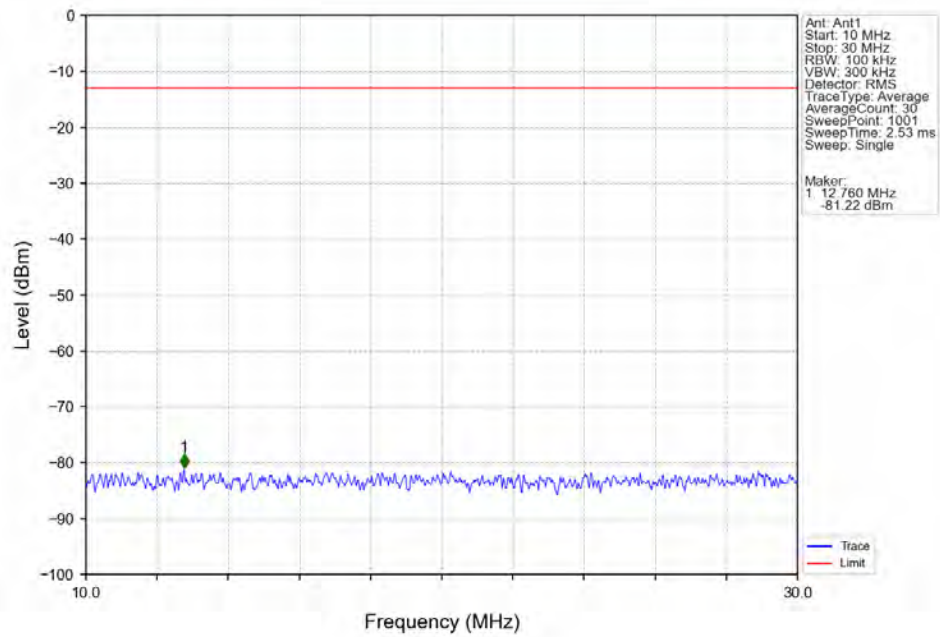
Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTV



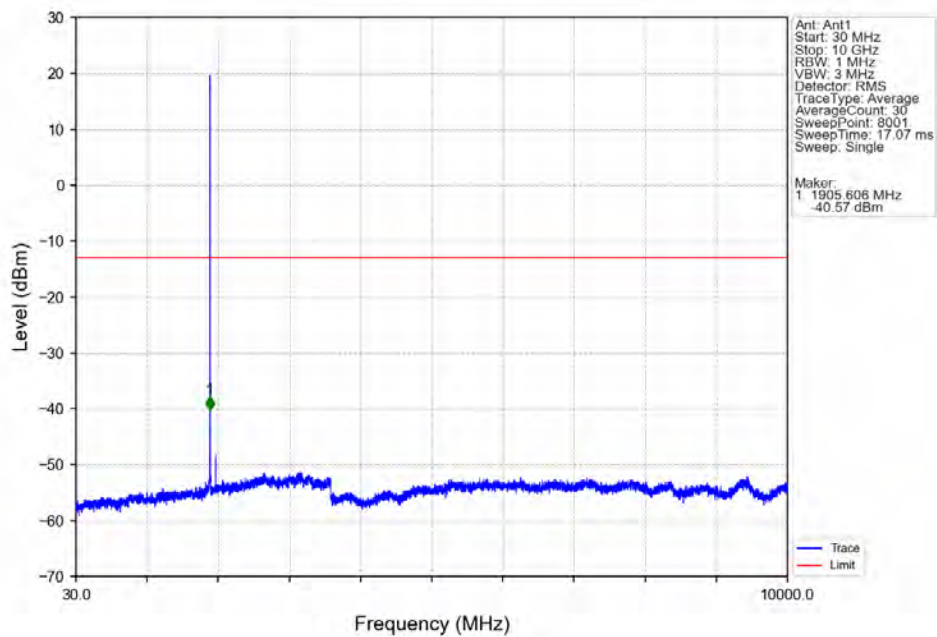
Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTV



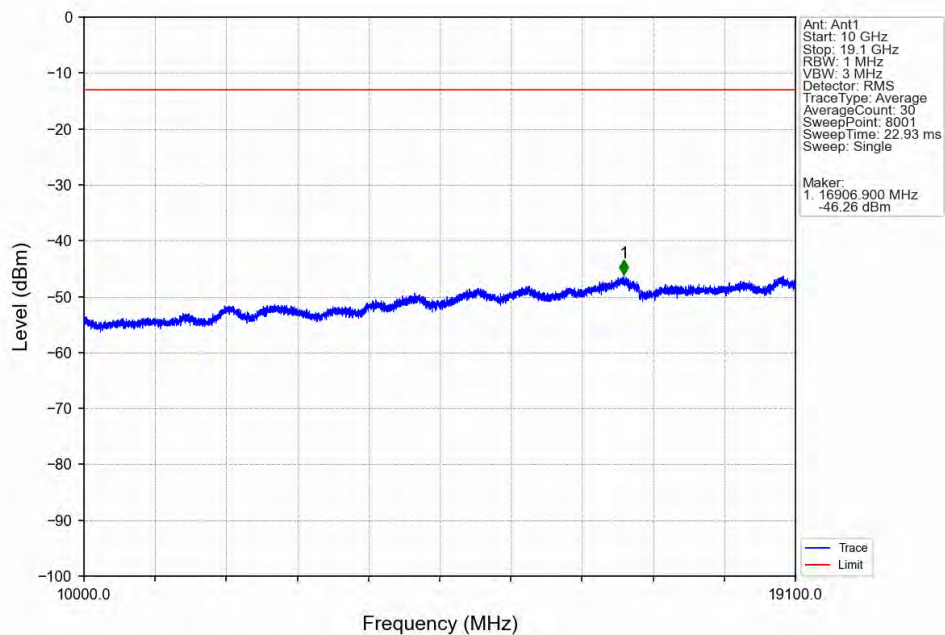
Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTV



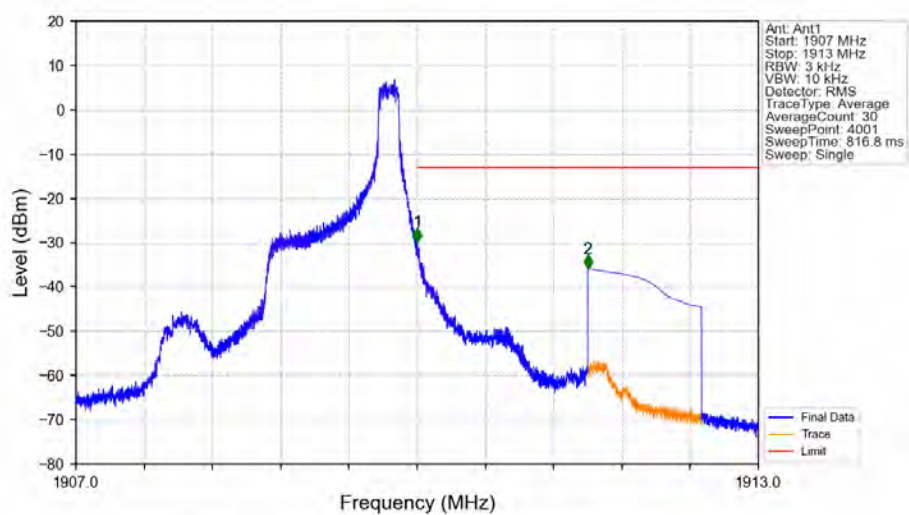
Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTV



Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 0 NTV

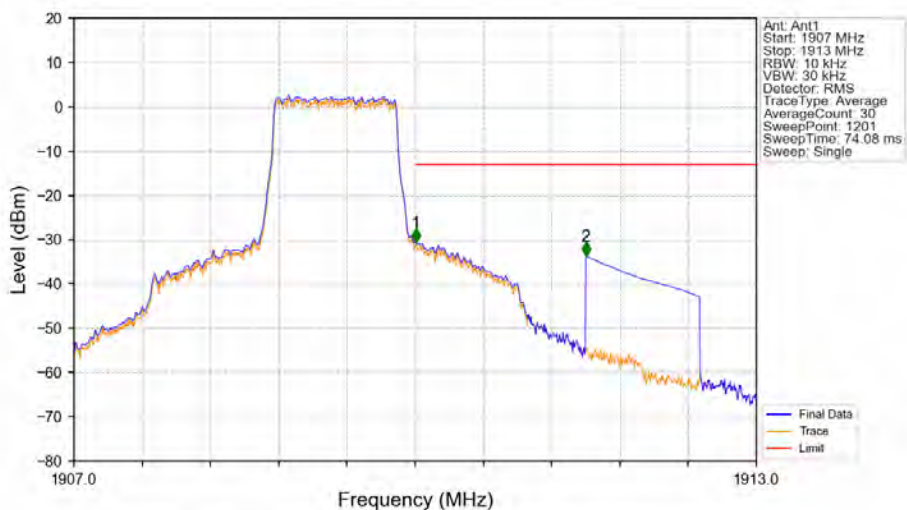


Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 5 NTV



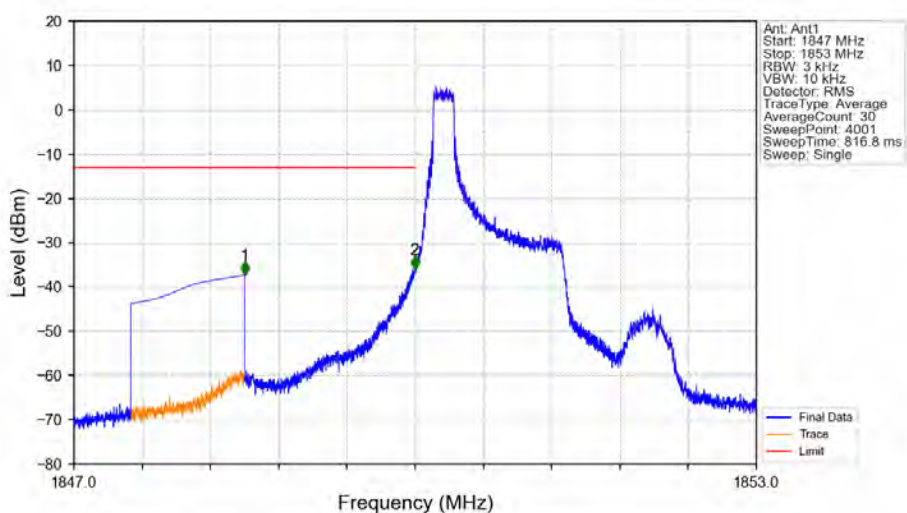
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.002   | -29.77      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.500   | -35.85      | -13         | Pass   |

Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0 NTV



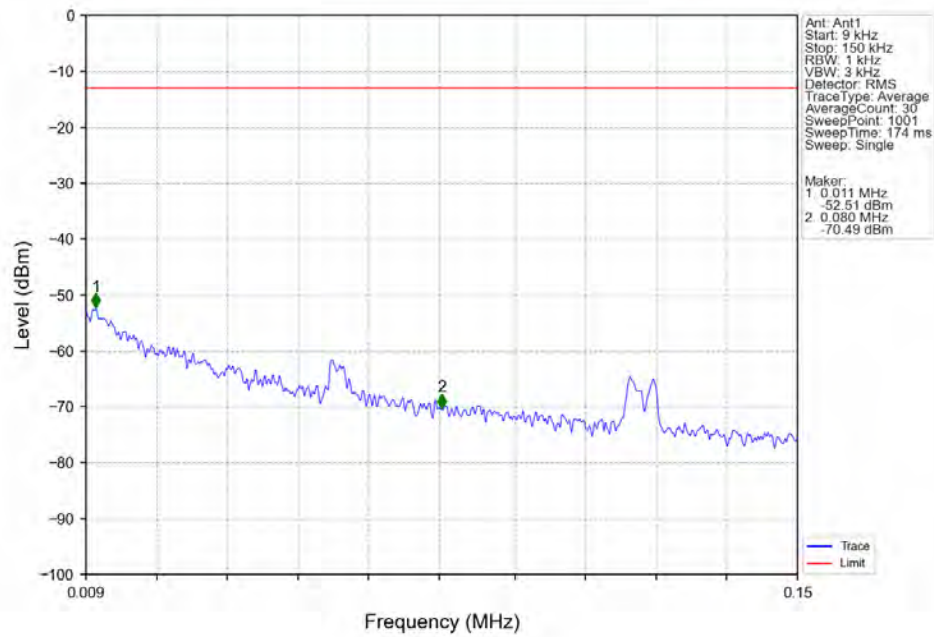
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.014     | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.014     | CHP    | 1          | 1910.005   | -30.52      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.500   | -33.60      | -13         | Pass   |

Band2 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTV

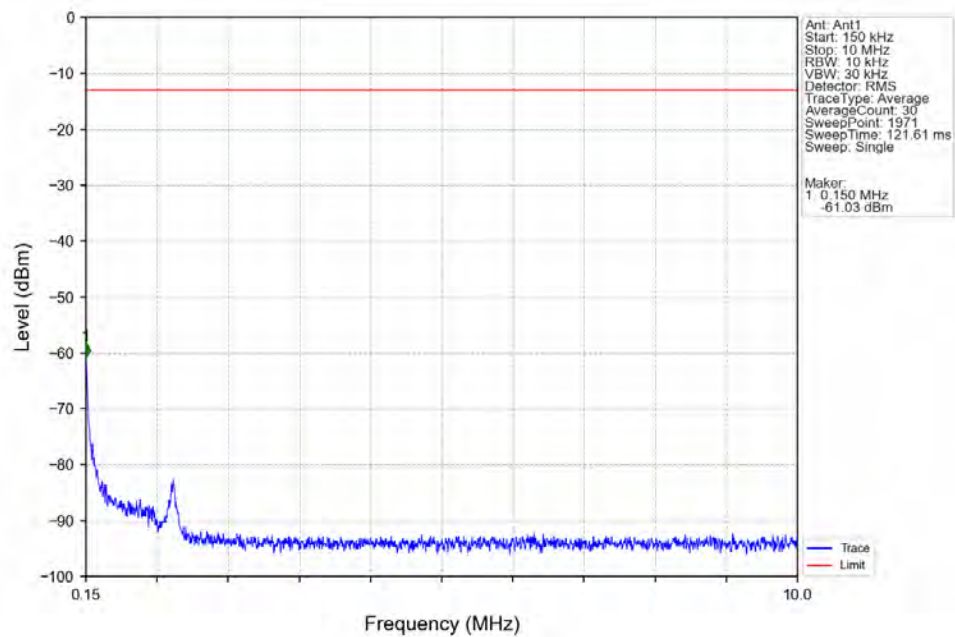


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -37.30      | -13         | Pass   |
| 1849        | 1850       | 0.003     | /      | 2          | 1849.997   | -36.07      | -13         | Pass   |
| 1850        | 1853       | 0.003     | /      | /          | /          | /           | /           | /      |

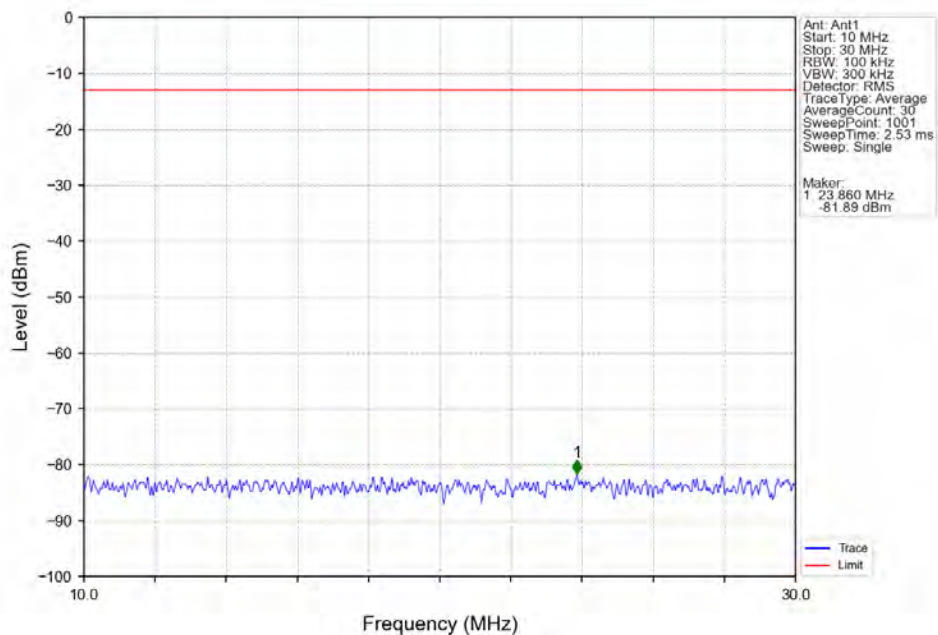
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTV



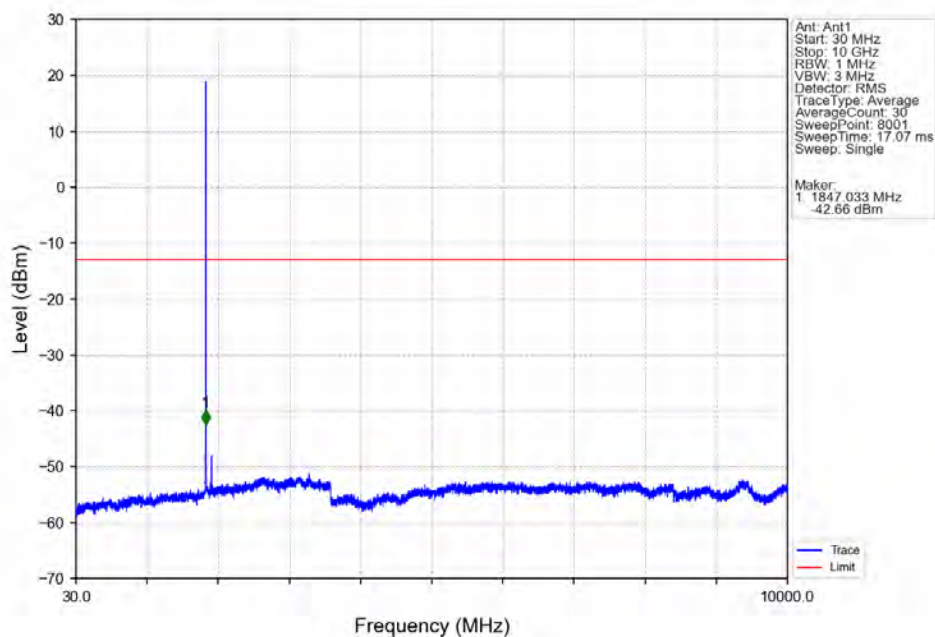
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTV



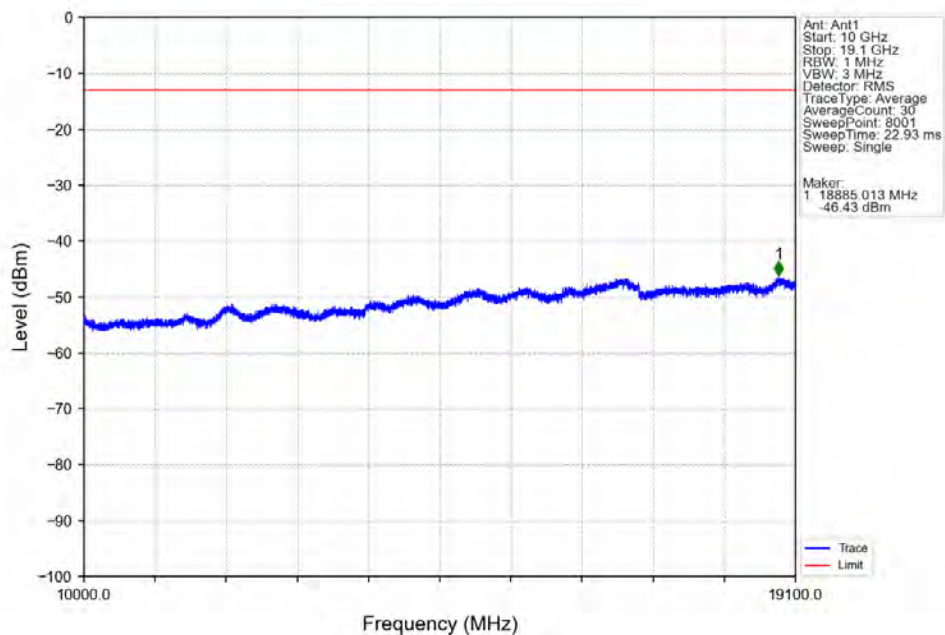
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV



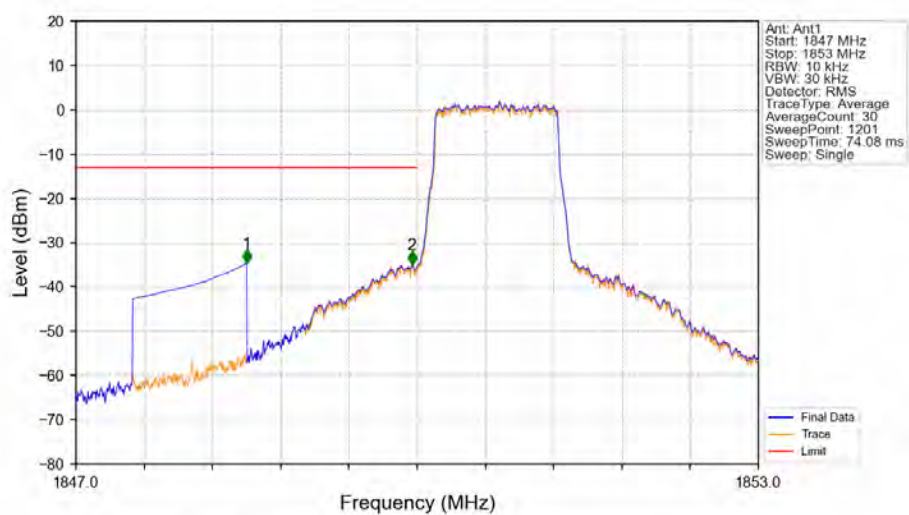
Band2 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV



Band2 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV

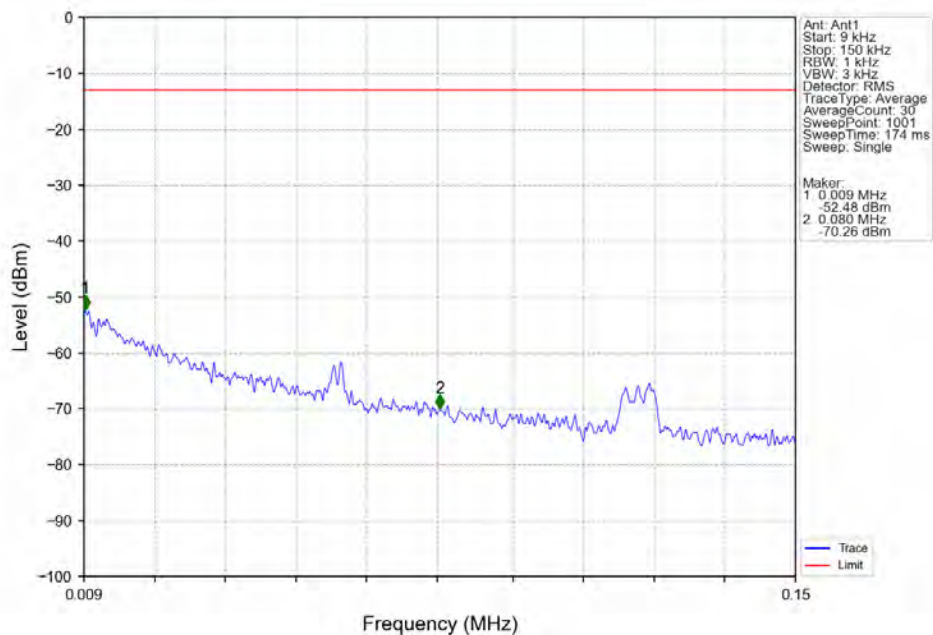


Band2 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV

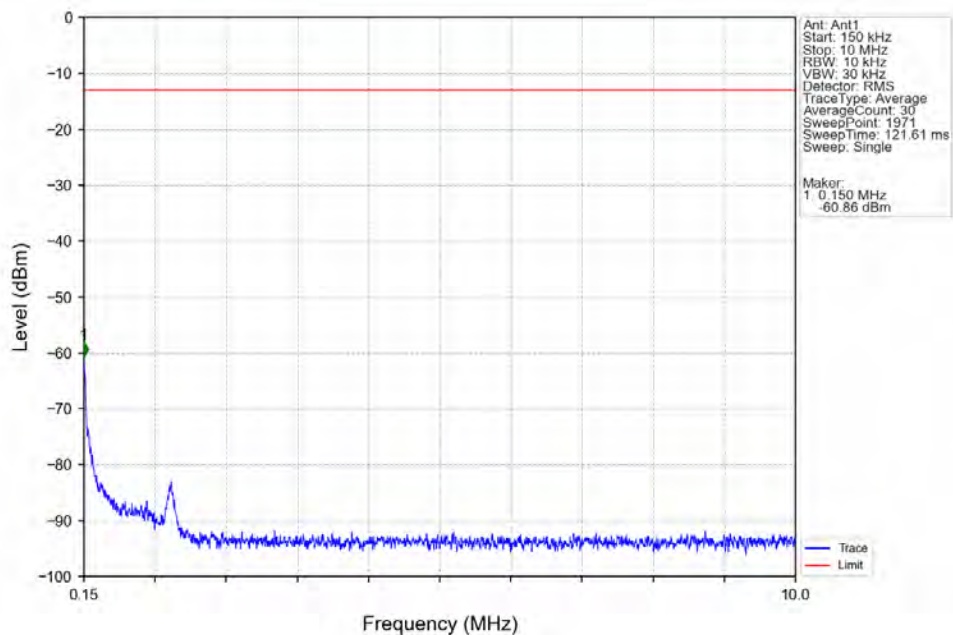


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -34.66      | -13         | Pass   |
| 1849        | 1850       | 0.013     | CHP    | 2          | 1849.955   | -34.92      | -13         | Pass   |
| 1850        | 1853       | 0.013     | CHP    | /          | /          | /           | /           | /      |

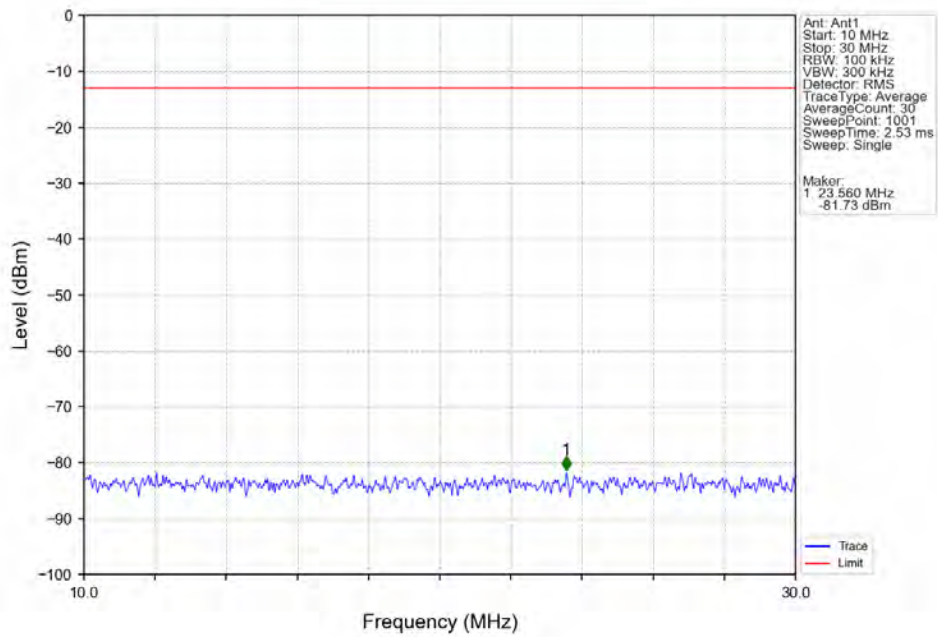
Band2 1.4MHz 16QAM MCH 1880MHz RB 1 0 NTV



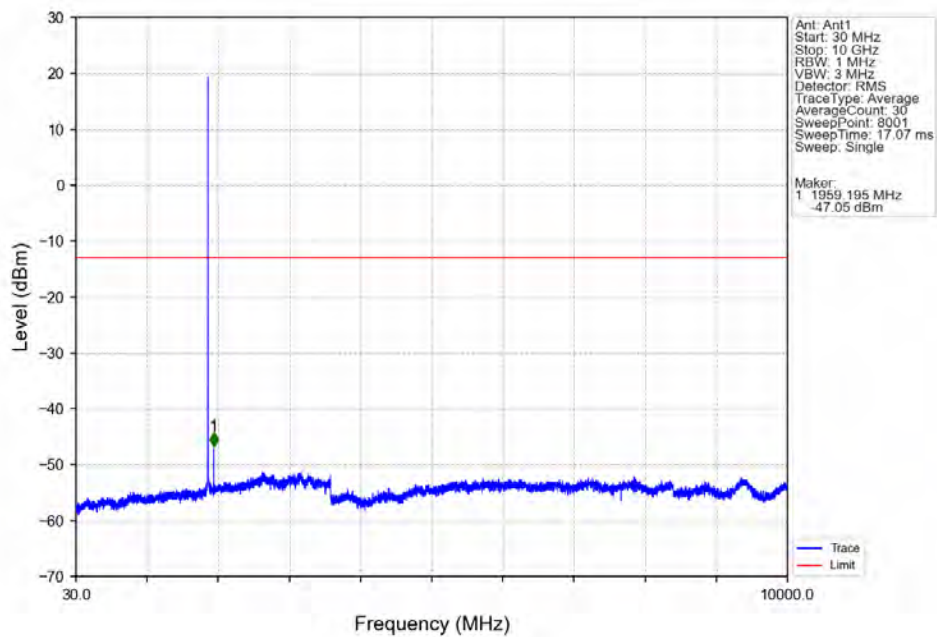
Band2 1.4MHz 16QAM MCH 1880MHz RB 1 0 NTV



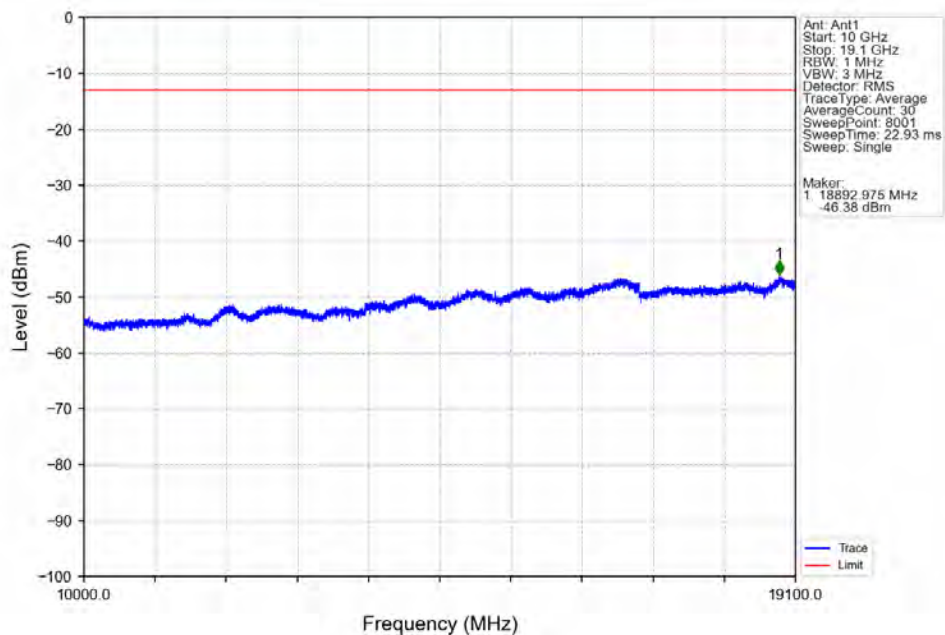
Band2 1.4MHz 16QAM MCH 1880MHz RB 1 0 NTV



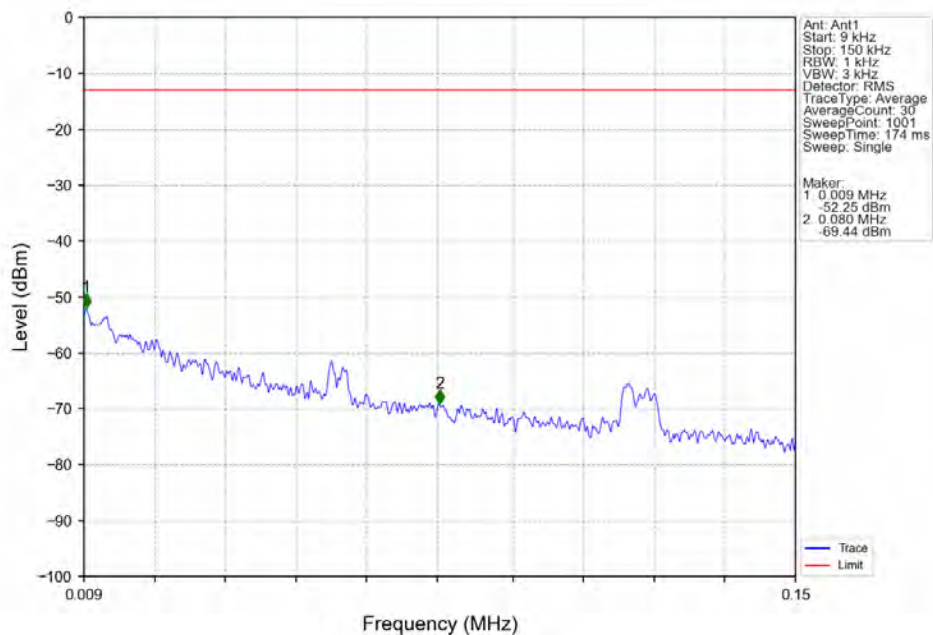
Band2 1.4MHz 16QAM MCH 1880MHz RB 1 0 NTV



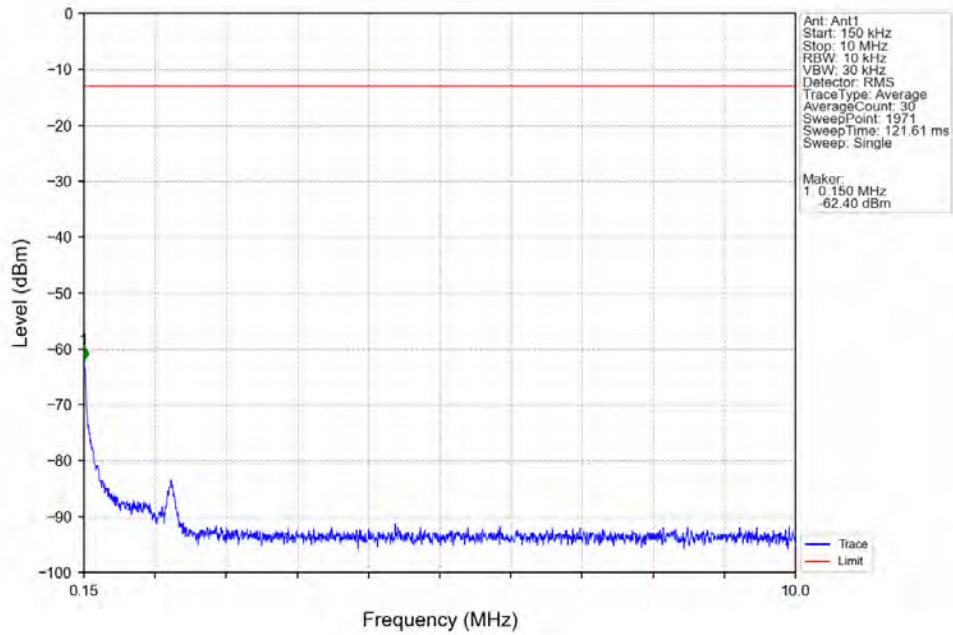
Band2 1.4MHz 16QAM MCH 1880MHz RB 1 0 NTNV



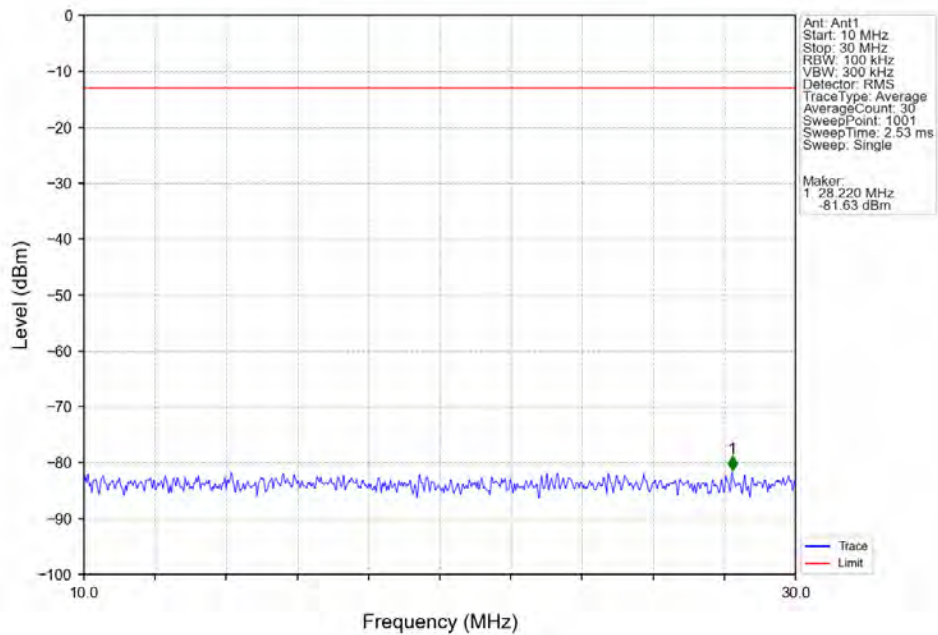
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 1 0 NTNV



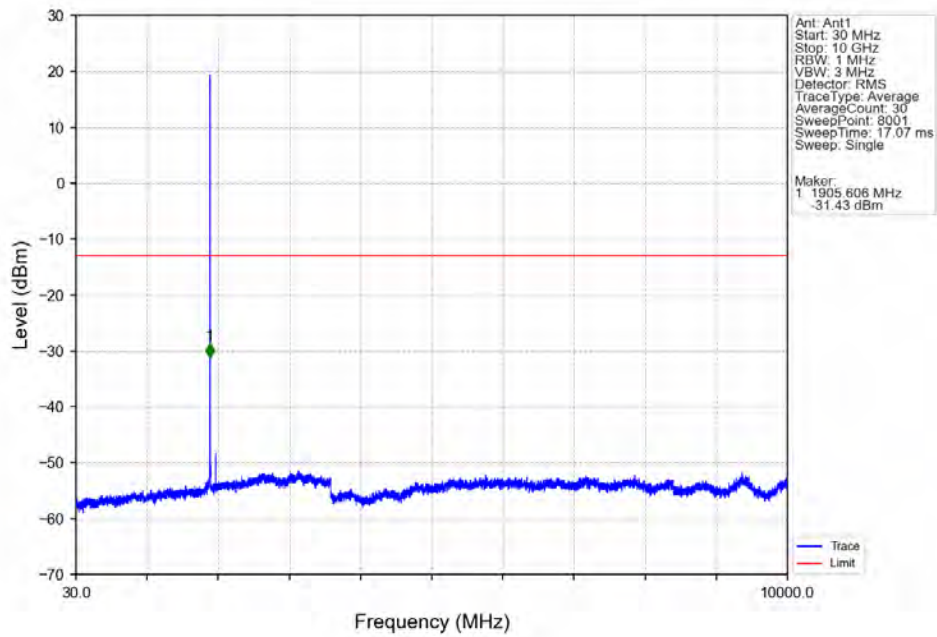
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 1 0 NTNV



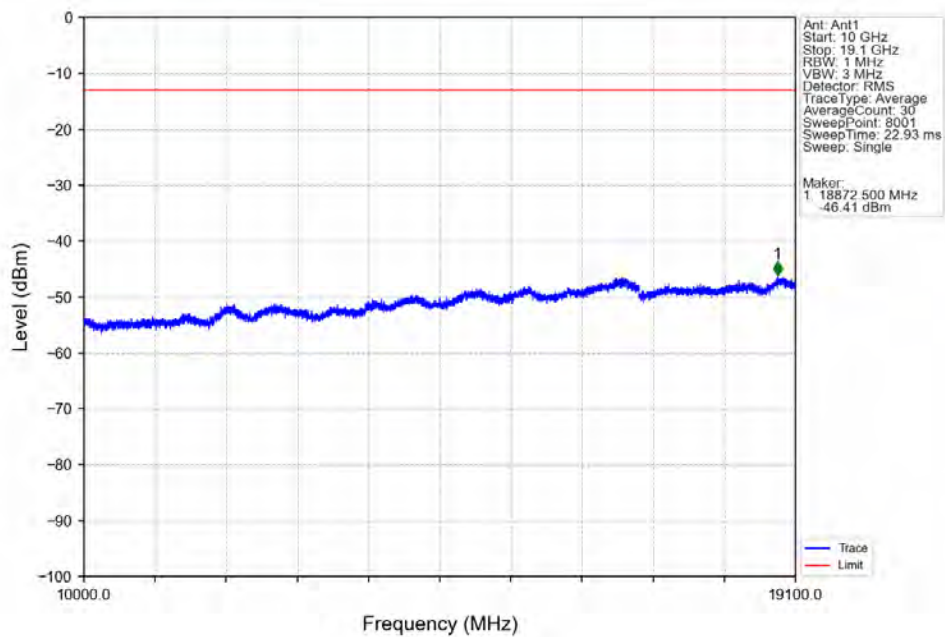
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 1 0 NTNV



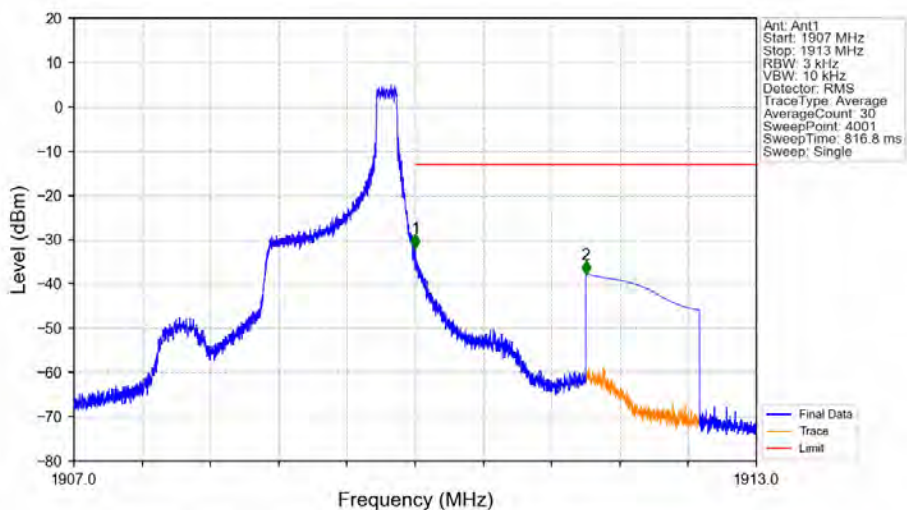
Band2 1.4MHz 16QAM HCH 1909.3MHz RB 1 0 NTNV



Band2 1.4MHz 16QAM HCH 1909.3MHz RB 1 0 NTNV

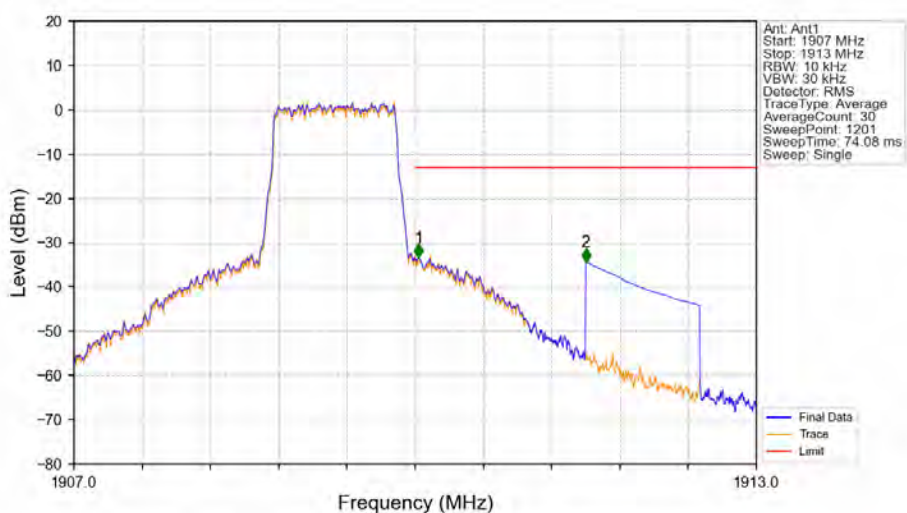


Band2 1.4MHz 16QAM HCH 1909.3MHz RB 1 5 NTNV



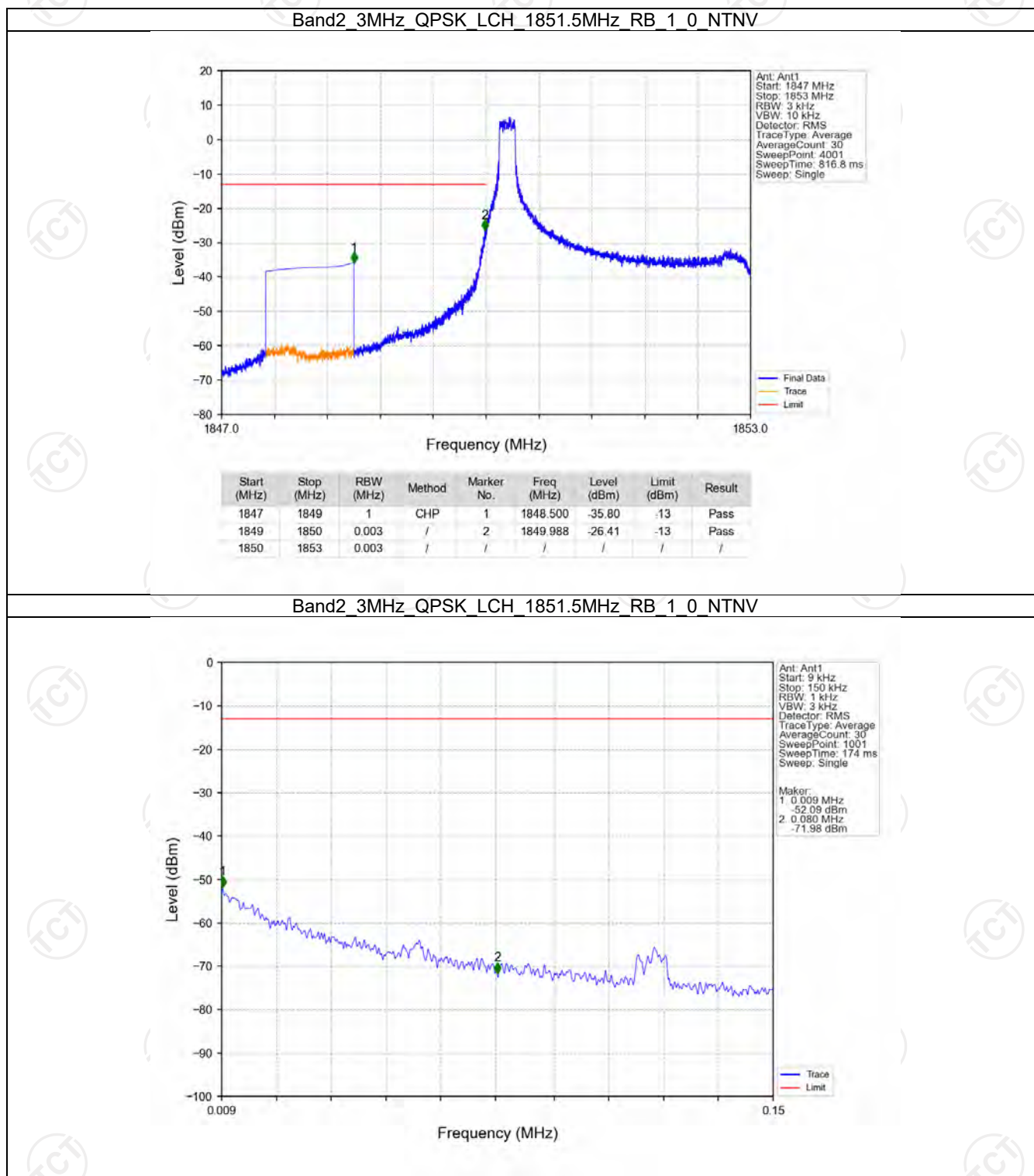
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.002   | -31.89      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.500   | -37.79      | -13         | Pass   |

Band2 1.4MHz 16QAM HCH 1909.3MHz RB 6 0 NTNV

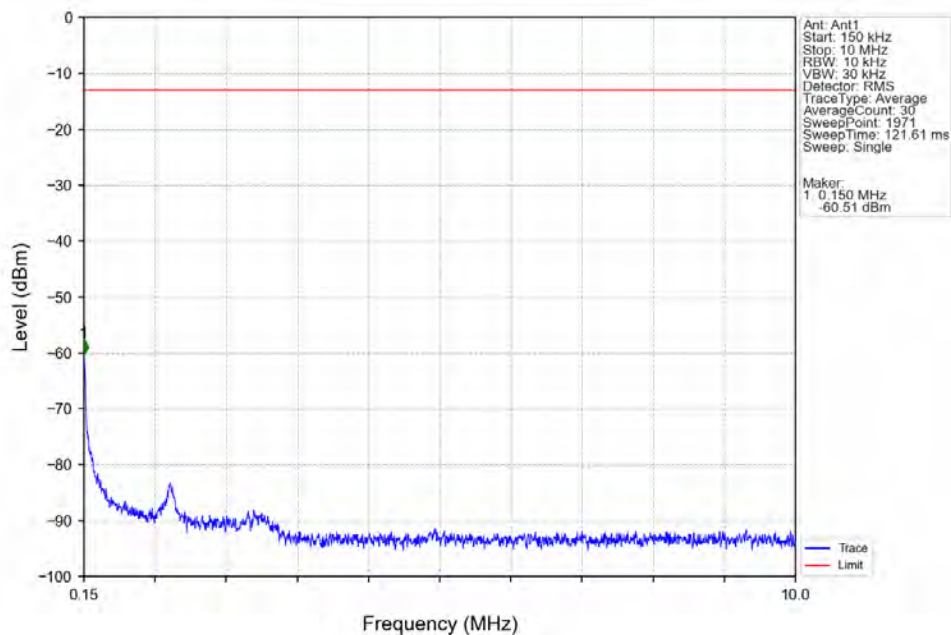


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.013     | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.013     | CHP    | 1          | 1910.030   | -33.38      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.500   | -34.32      | -13         | Pass   |

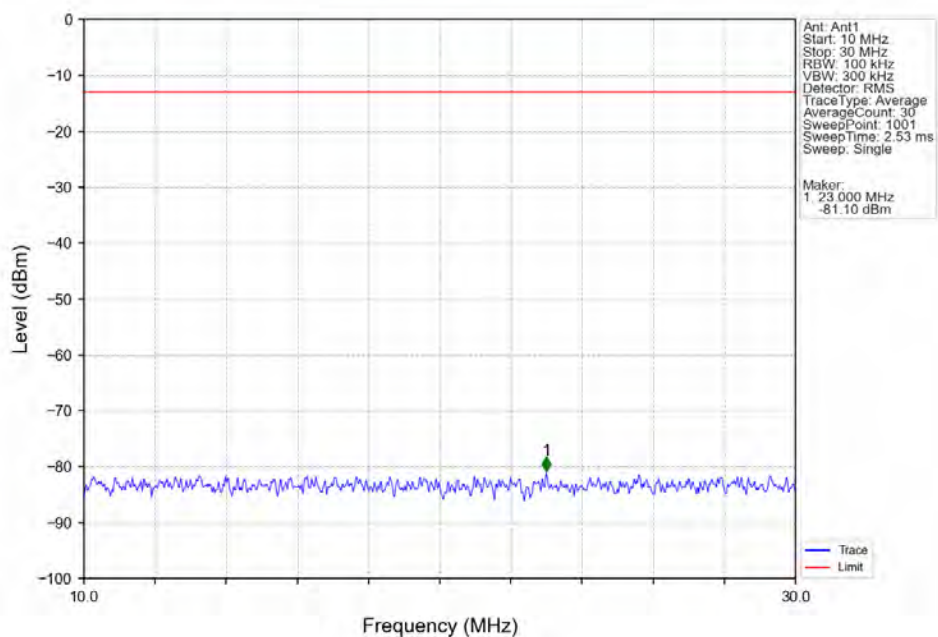
## 6.2.2 B2\_3MHz



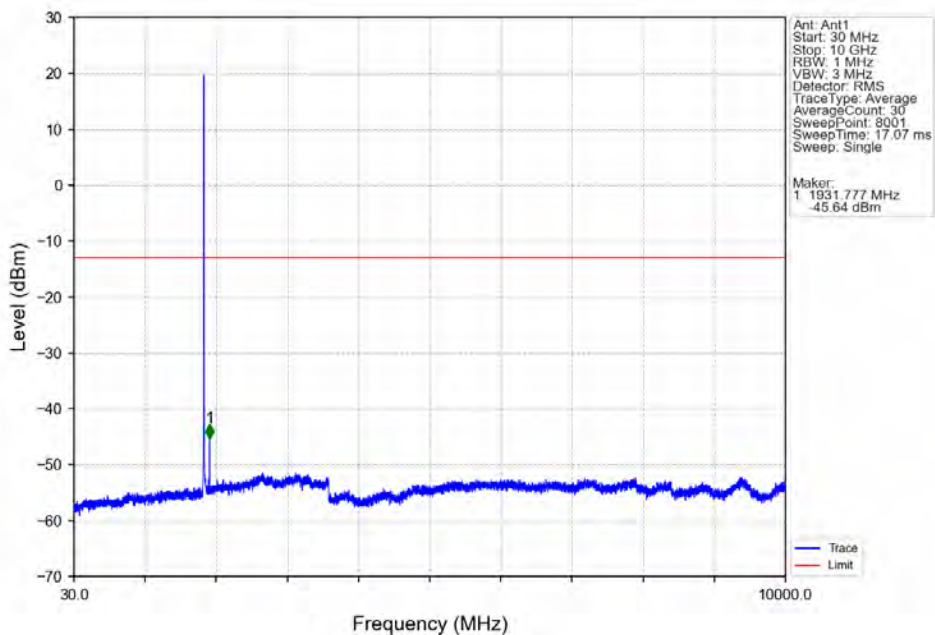
Band2 3MHz QPSK LCH 1851.5MHz RB 1 0 NTNV



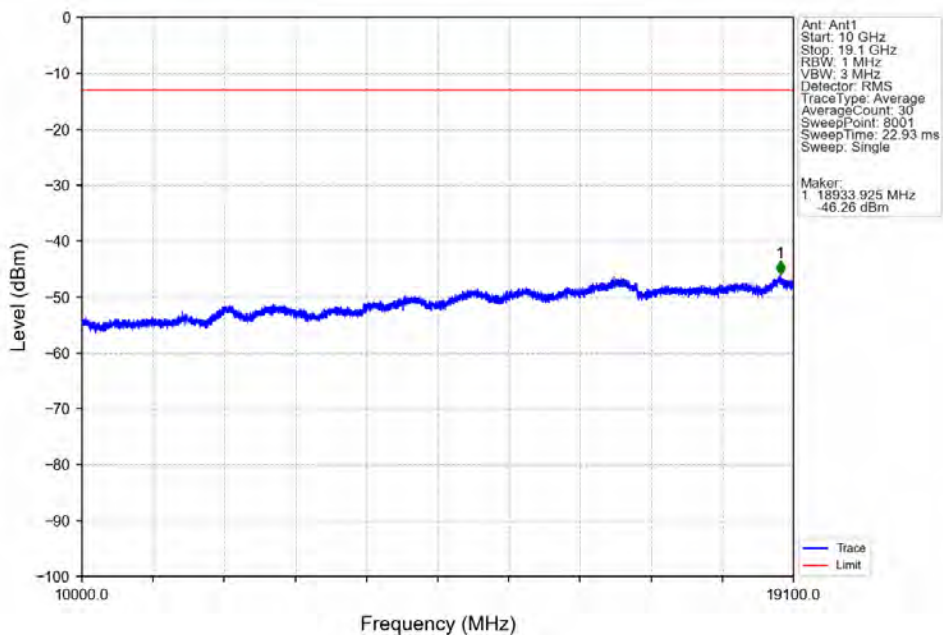
Band2 3MHz QPSK LCH 1851.5MHz RB 1 0 NTNV



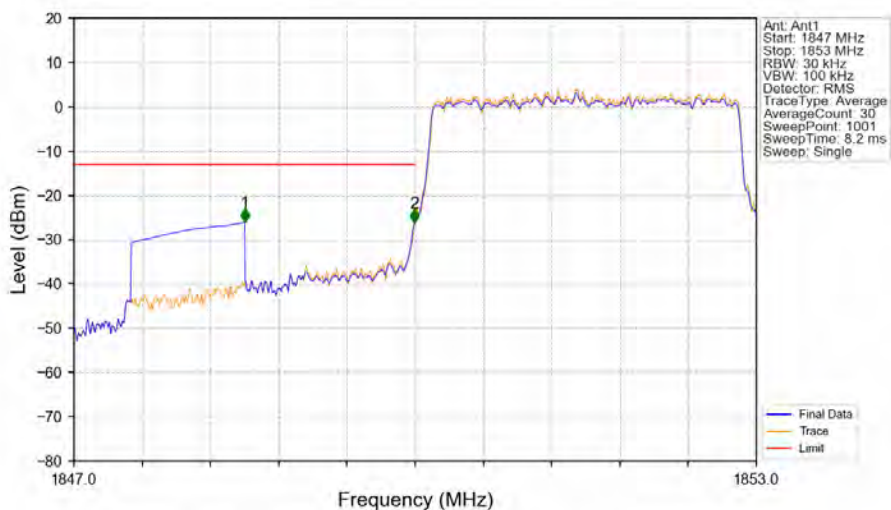
Band2 3MHz QPSK LCH 1851.5MHz RB 1 0 NTN



Band2 3MHz QPSK LCH 1851.5MHz RB 1 0 NTN

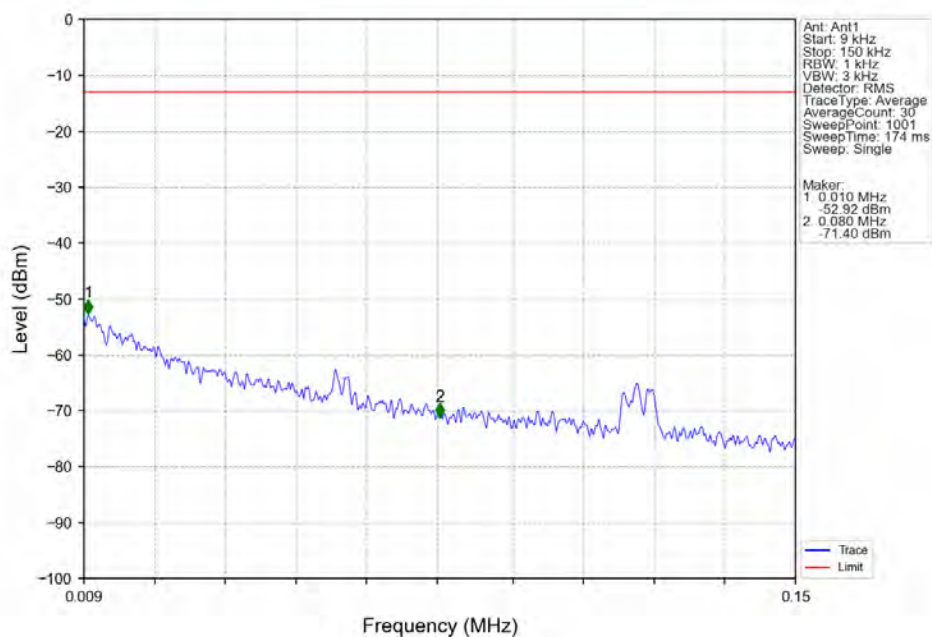


## Band2 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV

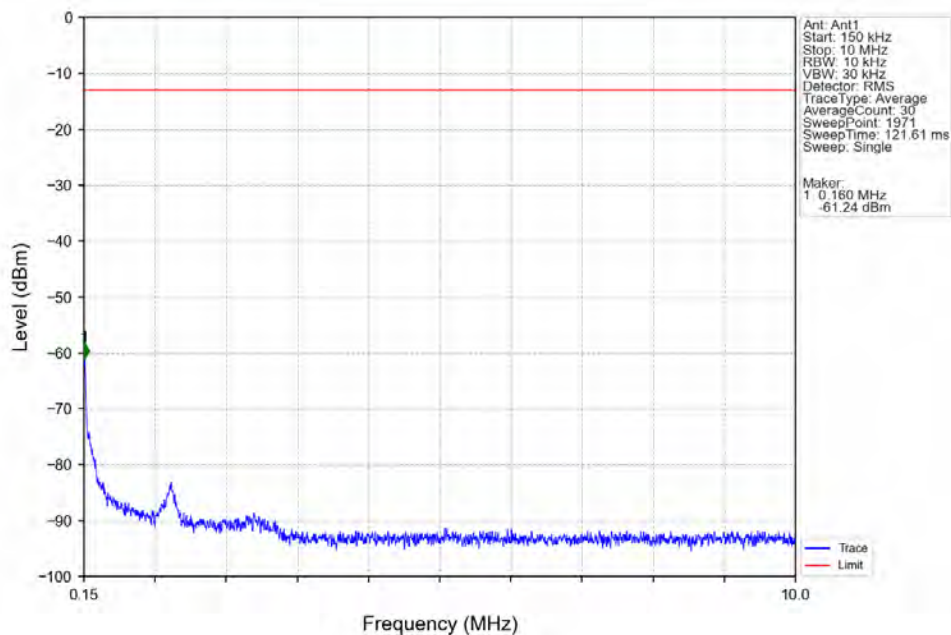


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -26.09      | -13         | Pass   |
| 1849        | 1850       | 0.031     | CHP    | 2          | 1849.994   | -26.14      | -13         | Pass   |
| 1850        | 1853       | 0.031     | CHP    | /          | /          | /           | /           | /      |

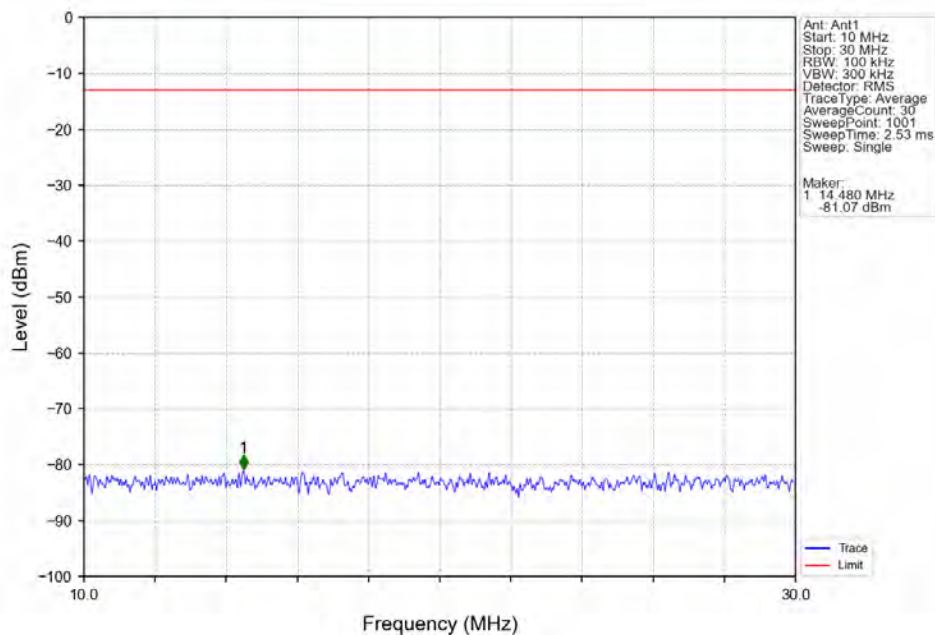
## Band2 3MHz QPSK MCH 1880MHz RB 1 0 NTNV



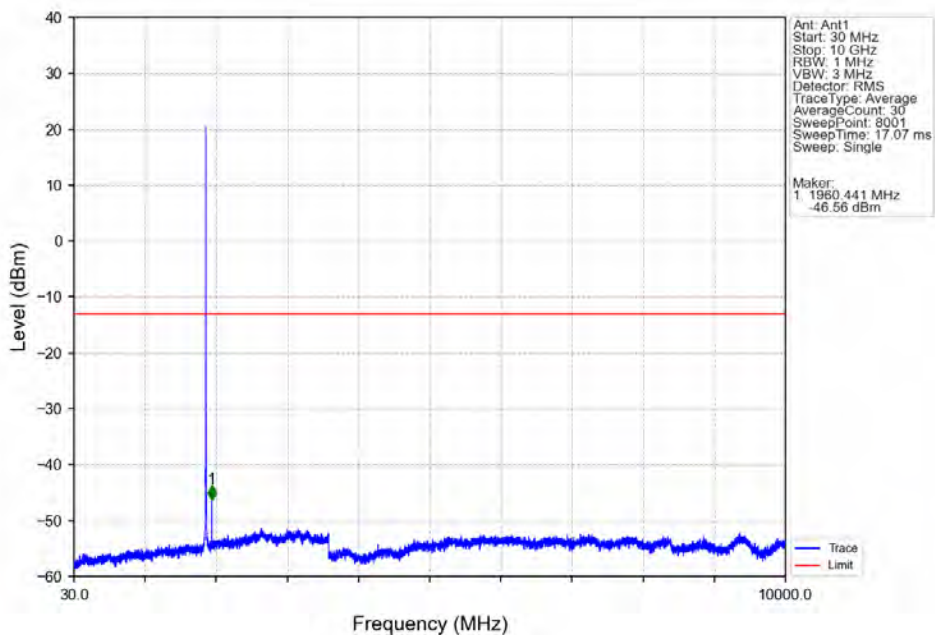
Band2 3MHz QPSK MCH 1880MHz RB 1 0 NTNV



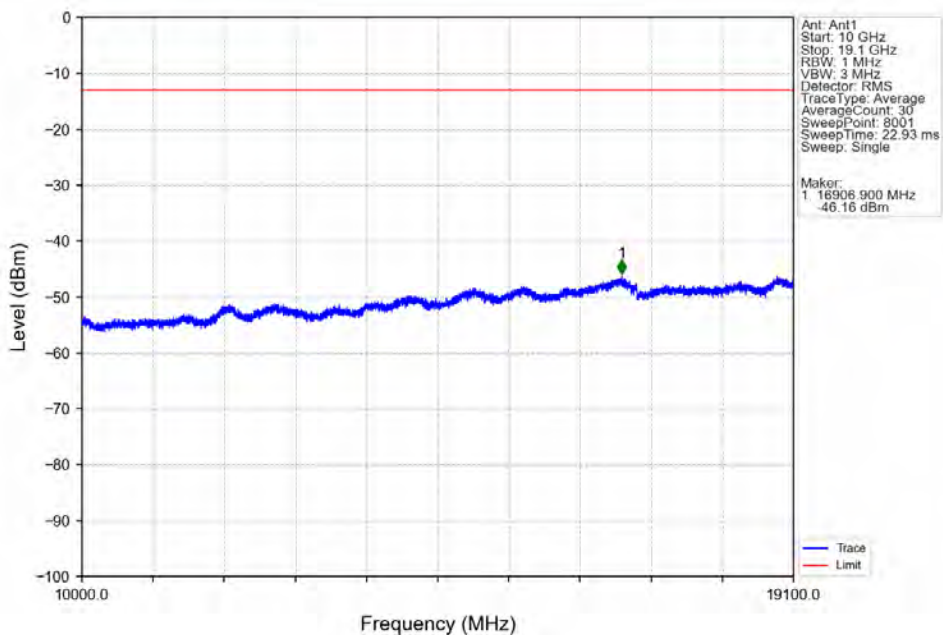
Band2 3MHz QPSK MCH 1880MHz RB 1 0 NTNV



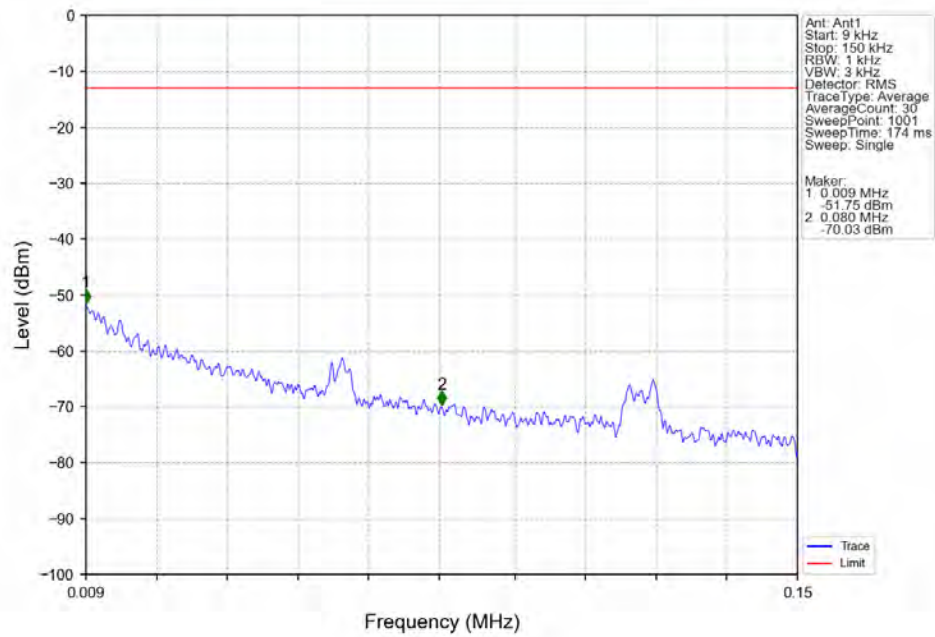
Band2 3MHz QPSK MCH 1880MHz RB 1 0 NTNV



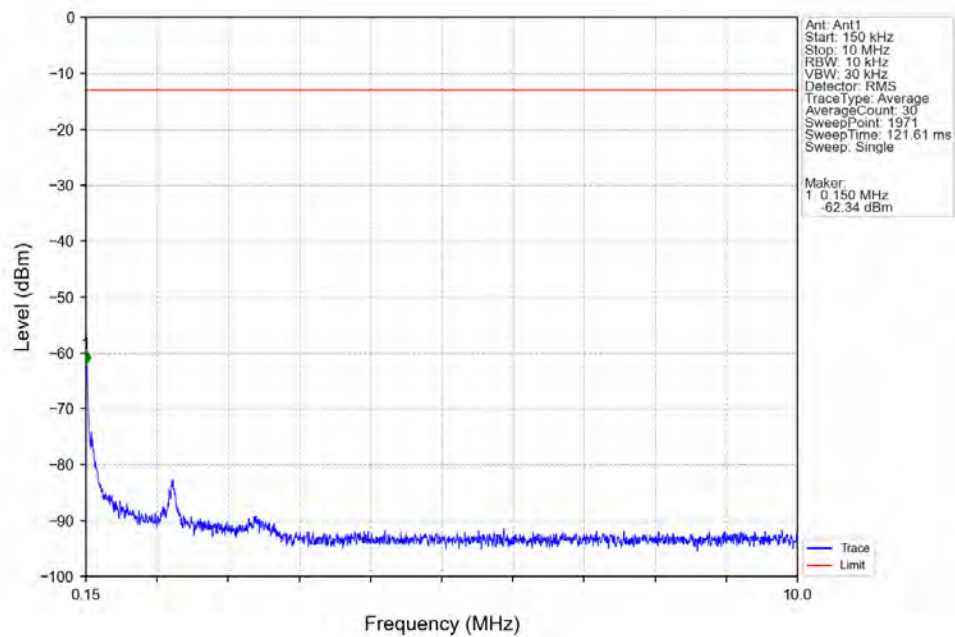
Band2 3MHz QPSK MCH 1880MHz RB 1 0 NTNV



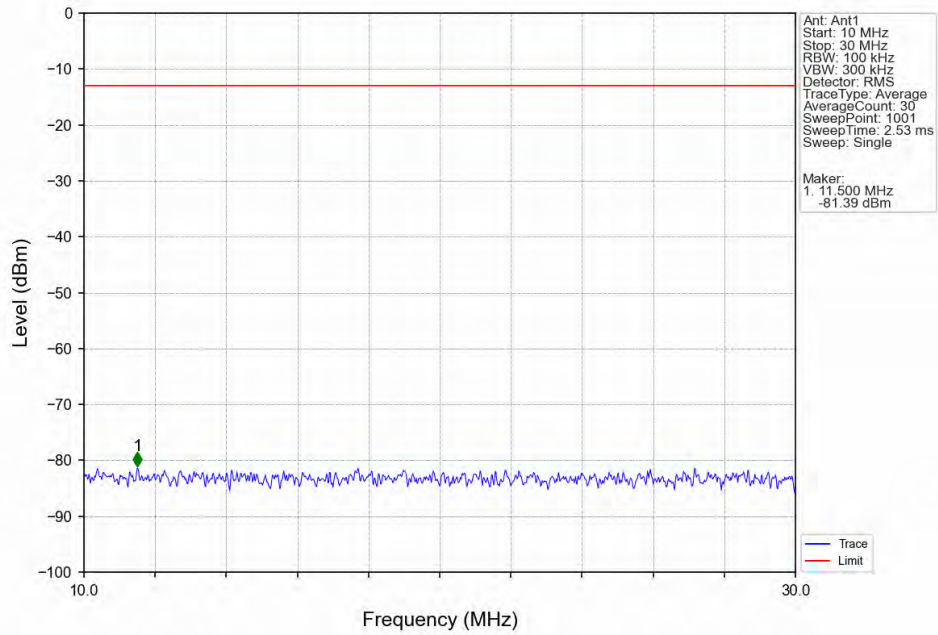
Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTN



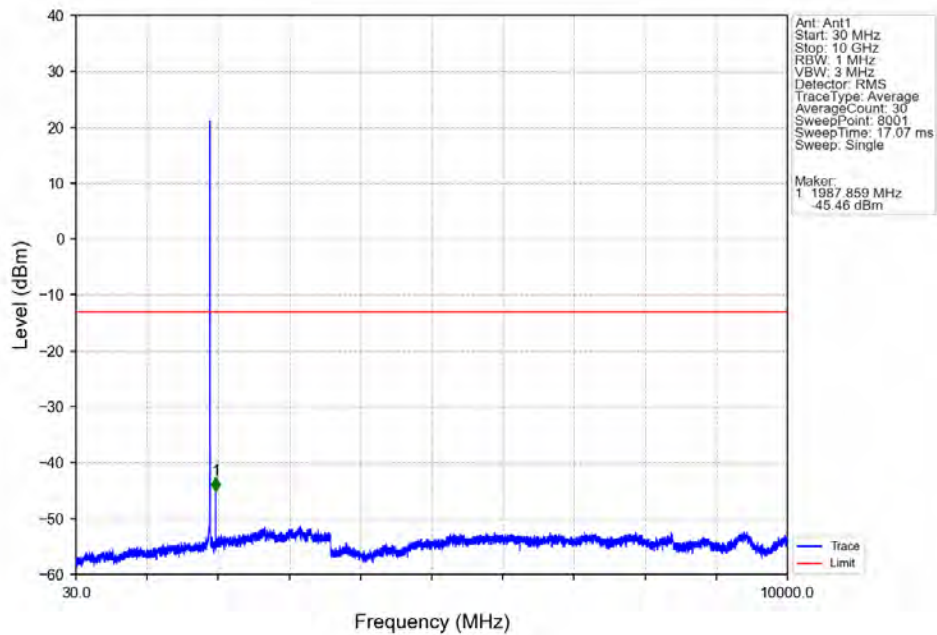
Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTN



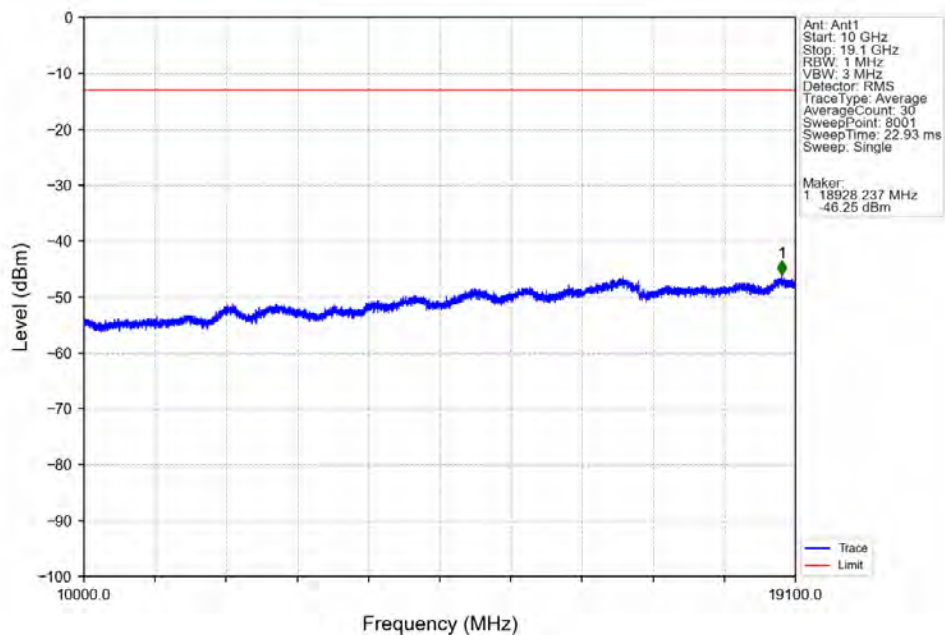
Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTN



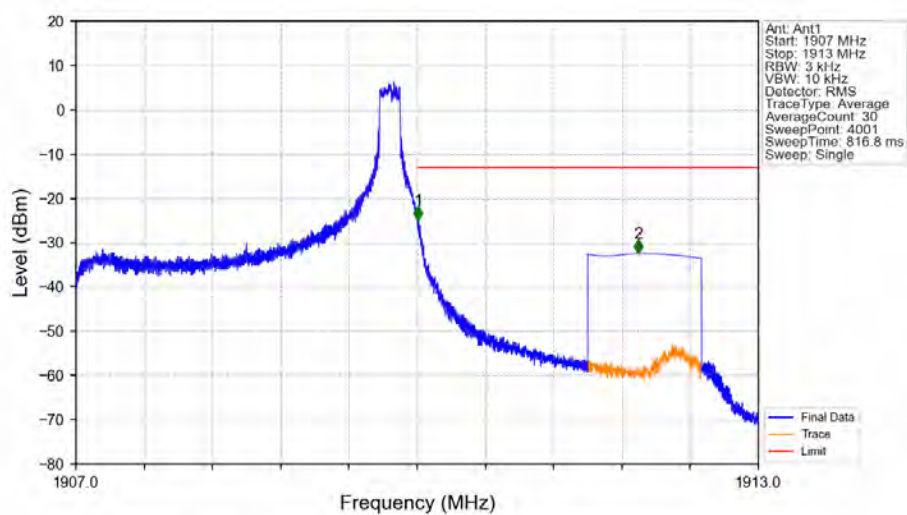
Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTN



Band2 3MHz QPSK HCH 1908.5MHz RB 1 0 NTNV

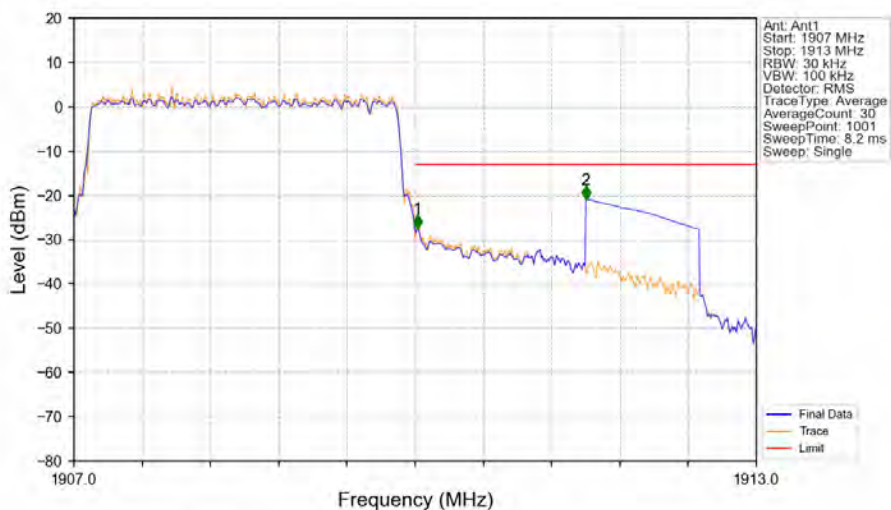


Band2 3MHz QPSK HCH 1908.5MHz RB 1 14 NTNV



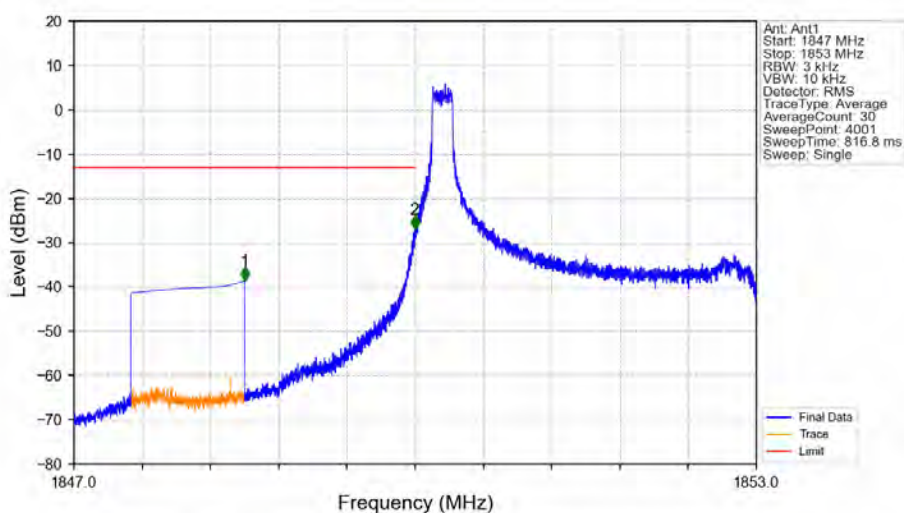
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.011   | -24.99      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.944   | -32.49      | -13         | Pass   |

## Band2 3MHz QPSK HCH 1908.5MHz RB 15 0 NTV



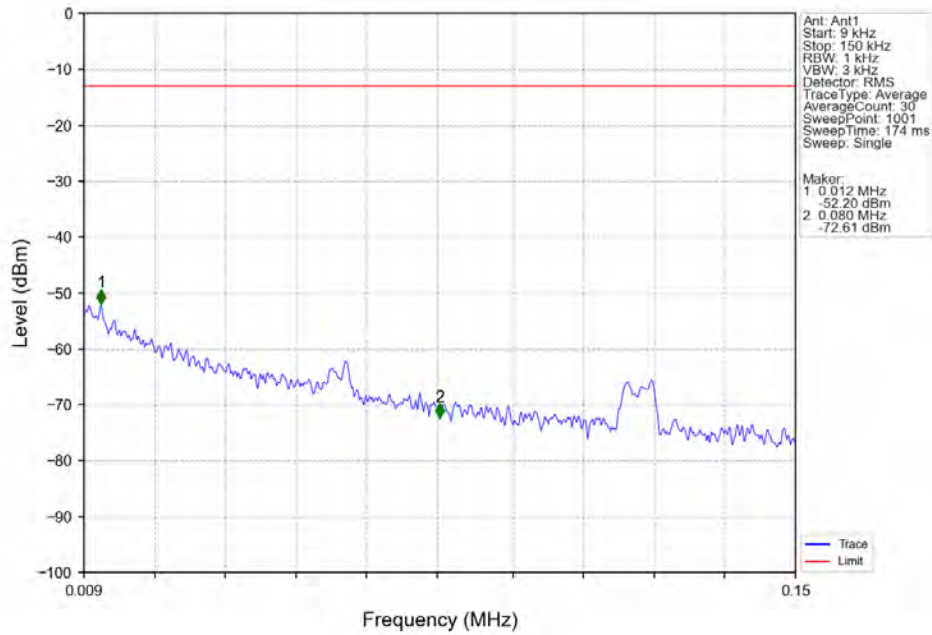
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.031     | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.031     | CHP    | 1          | 1910.018   | -27.53      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.500   | -20.90      | -13         | Pass   |

## Band2 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTV

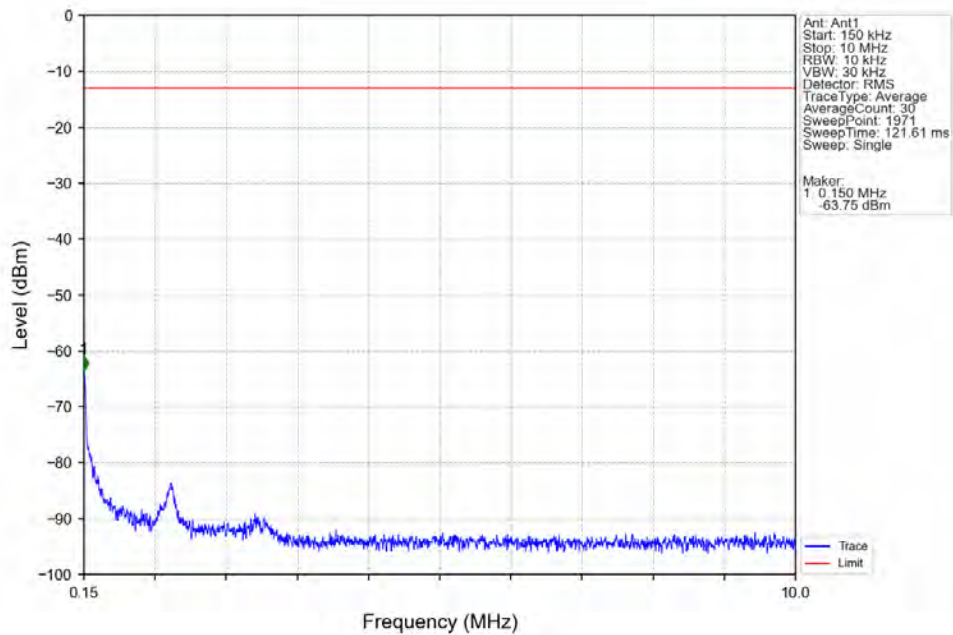


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1849.500   | -38.63      | -13         | Pass   |
| 1849        | 1850       | 0.003     | /      | 2          | 1849.997   | -26.99      | -13         | Pass   |
| 1850        | 1853       | 0.003     | /      | /          | /          | /           | /           | /      |

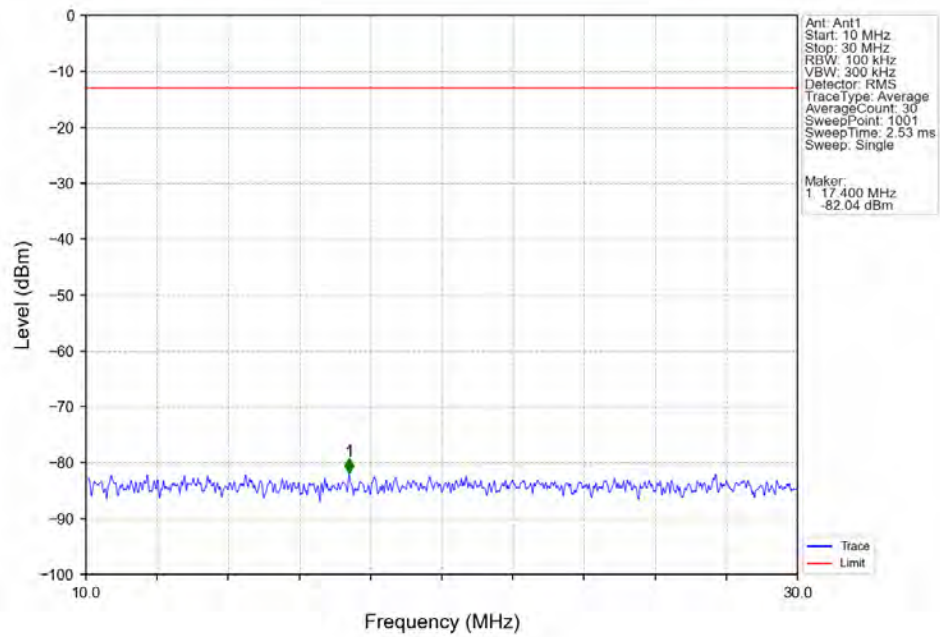
Band2 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV



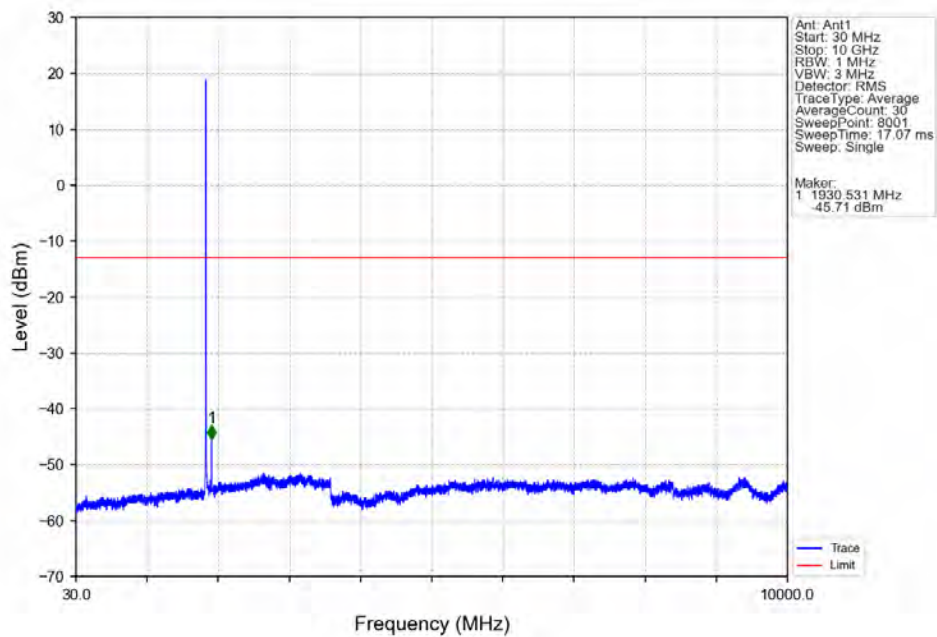
Band2 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV



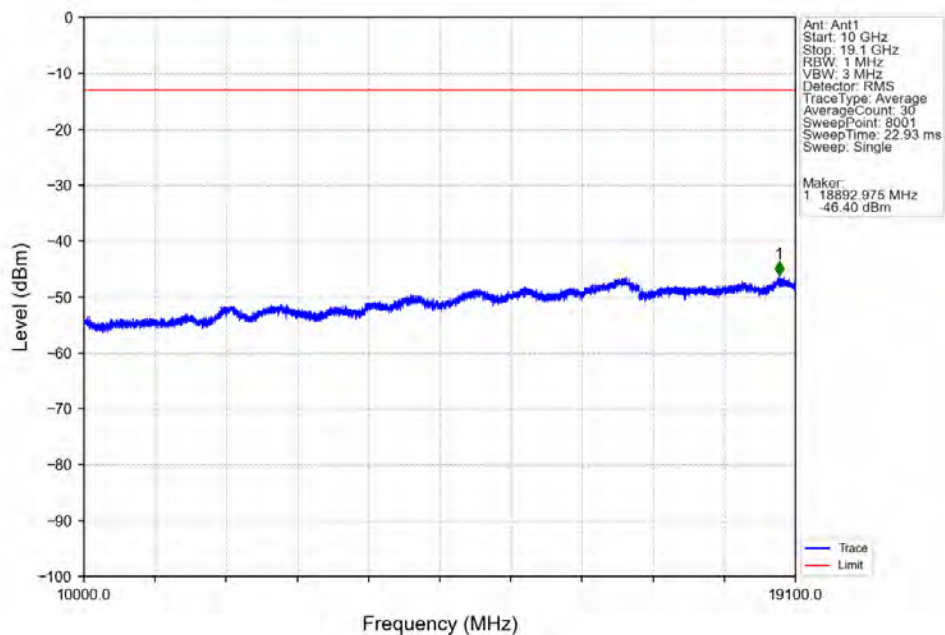
Band2 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV



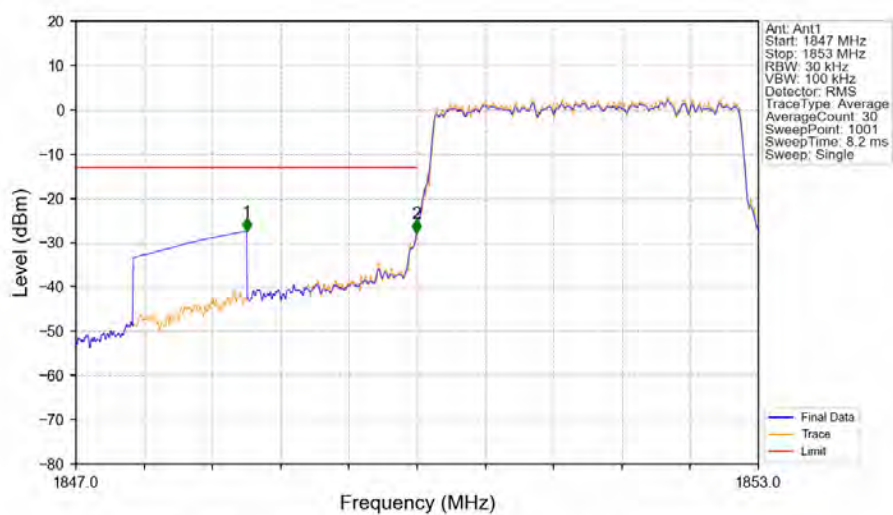
Band2 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV



Band2 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV

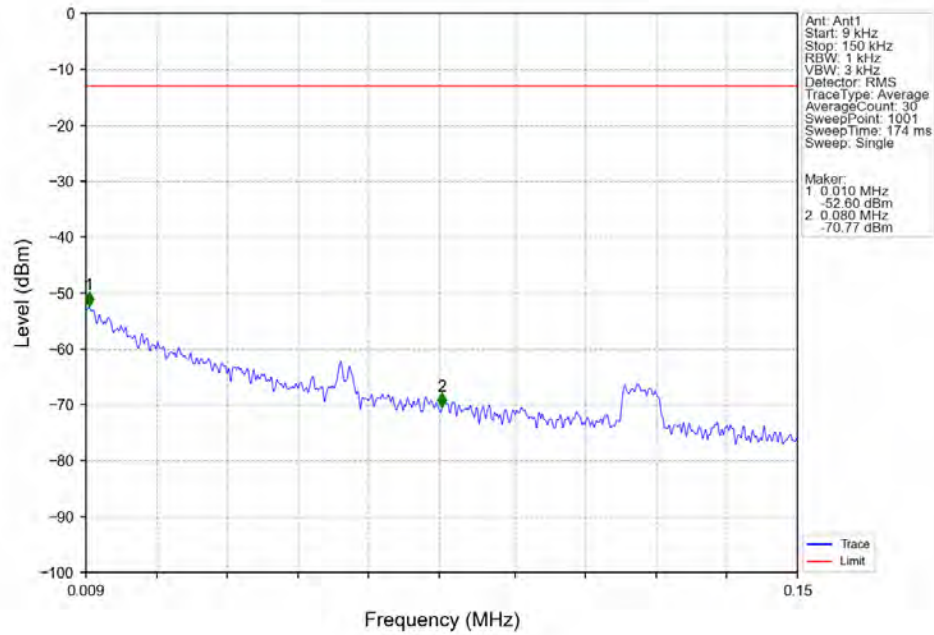


Band2 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV

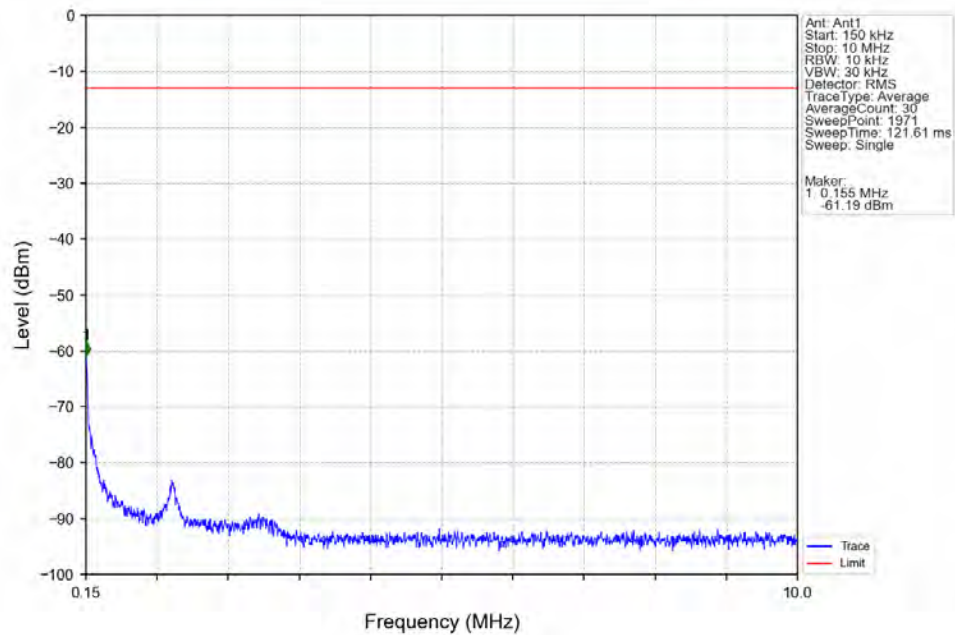


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -27.49      | -13         | Pass   |
| 1849        | 1850       | 0.032     | CHP    | 2          | 1849.994   | -27.80      | -13         | Pass   |
| 1850        | 1853       | 0.032     | CHP    | /          | /          | /           | /           | /      |

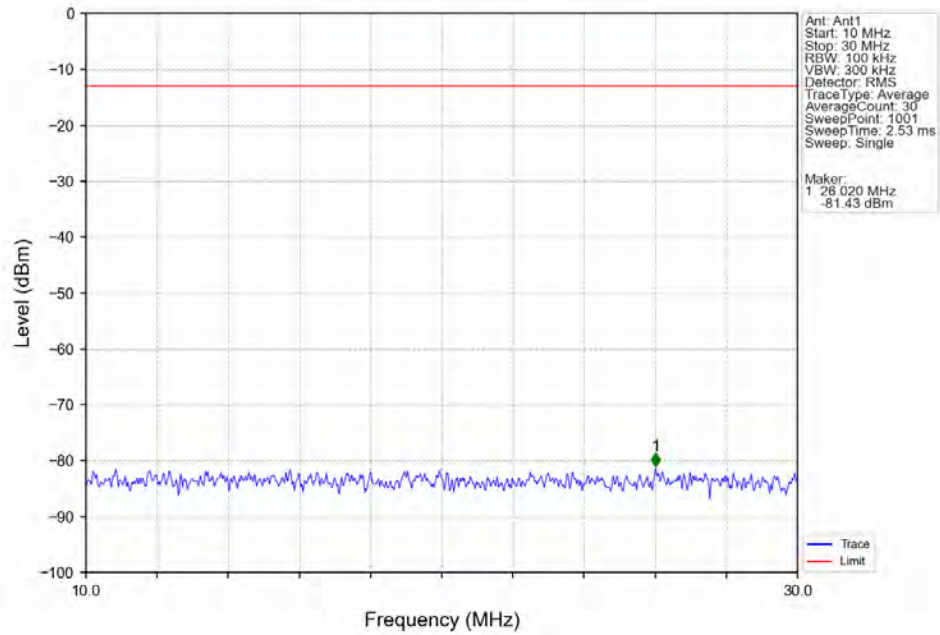
Band2 3MHz 16QAM MCH 1880MHz RB 1 0 NTNV



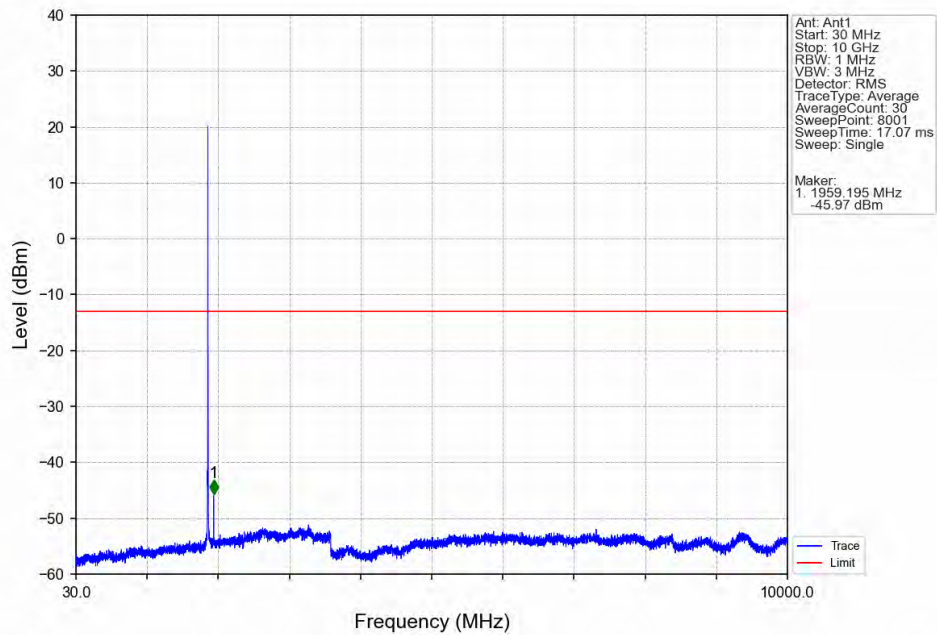
Band2 3MHz 16QAM MCH 1880MHz RB 1 0 NTNV



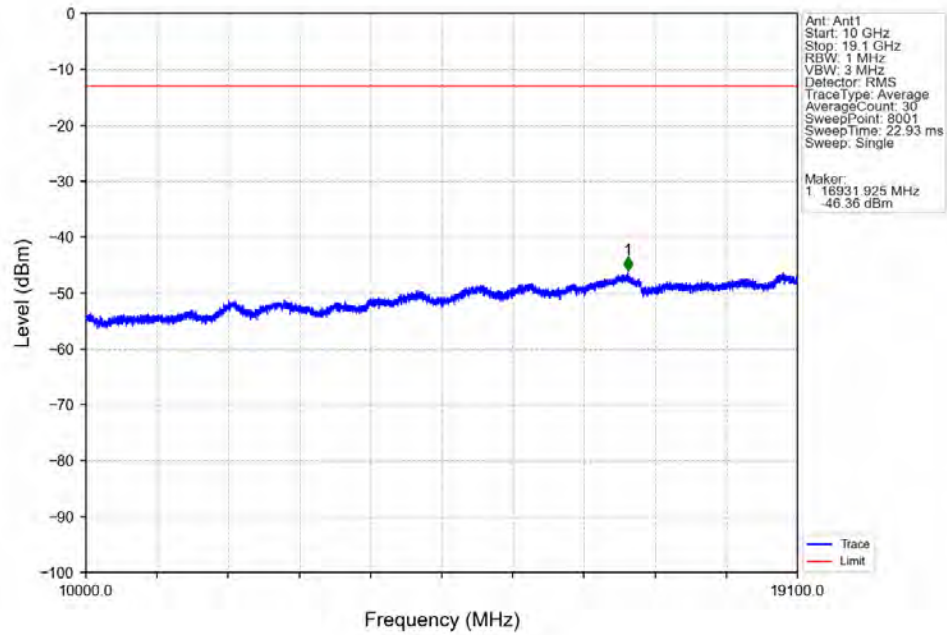
Band2 3MHz 16QAM MCH 1880MHz RB 1 0 NTNV



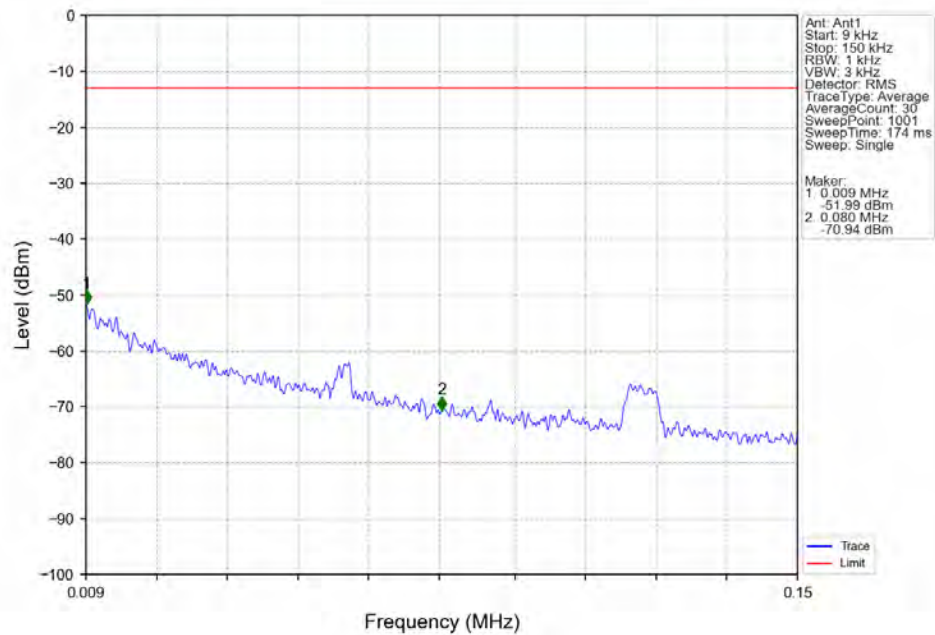
Band2 3MHz 16QAM MCH 1880MHz RB 1 0 NTNV



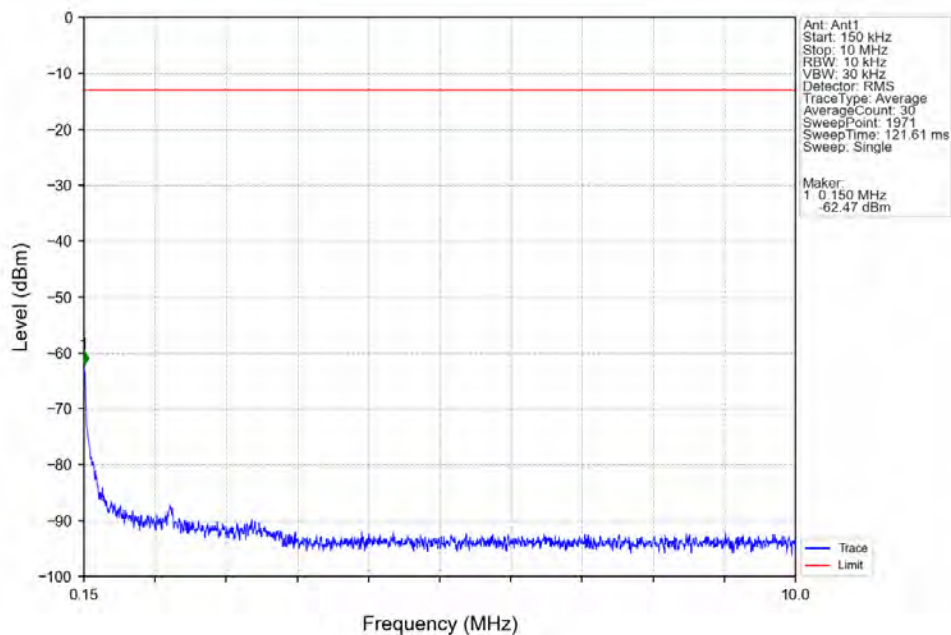
Band2 3MHz 16QAM MCH 1880MHz RB 1 0 NTN



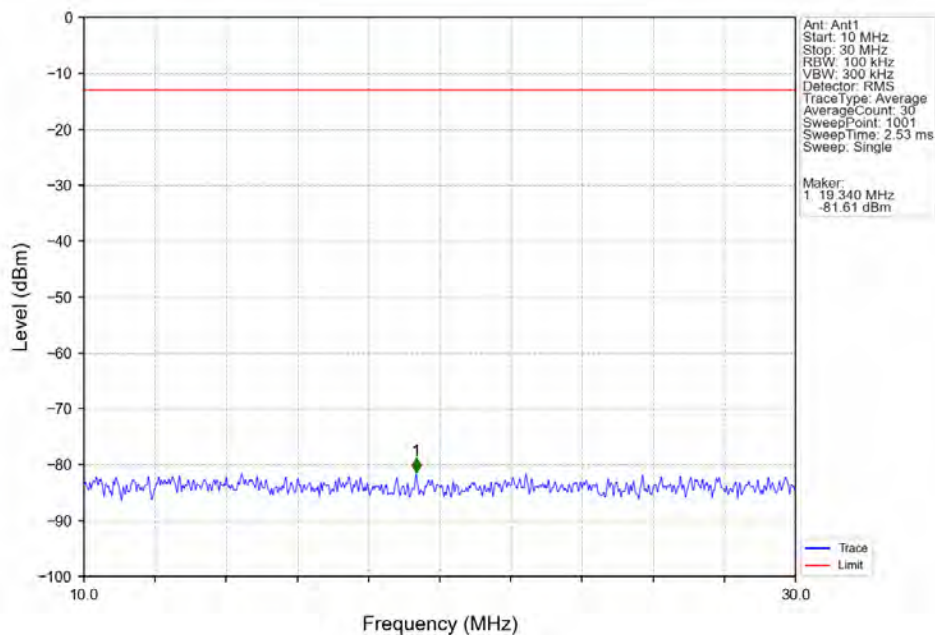
Band2 3MHz 16QAM HCH 1908.5MHz RB 1 0 NTN



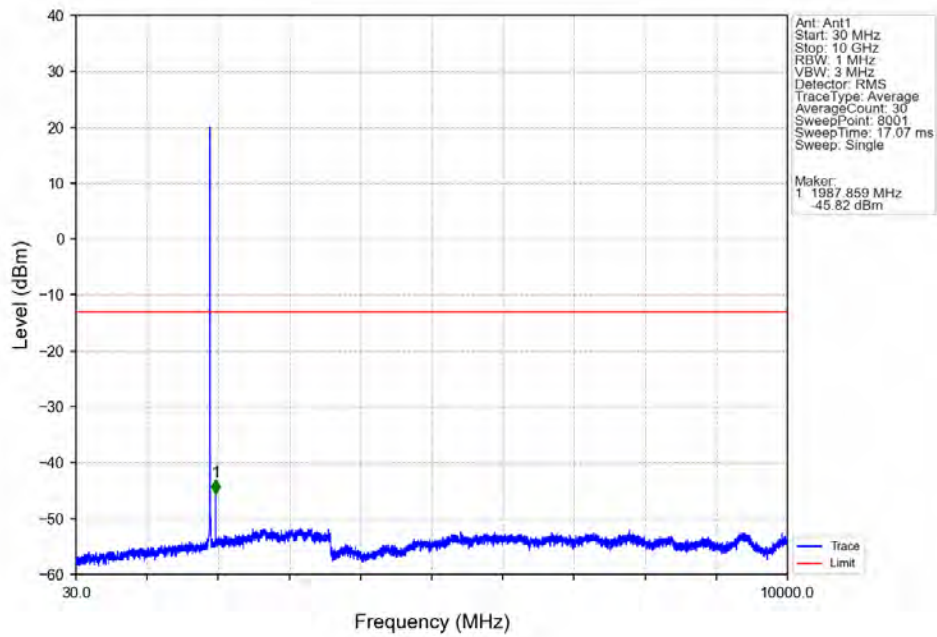
Band2 3MHz 16QAM HCH 1908.5MHz RB 1 0 NTV



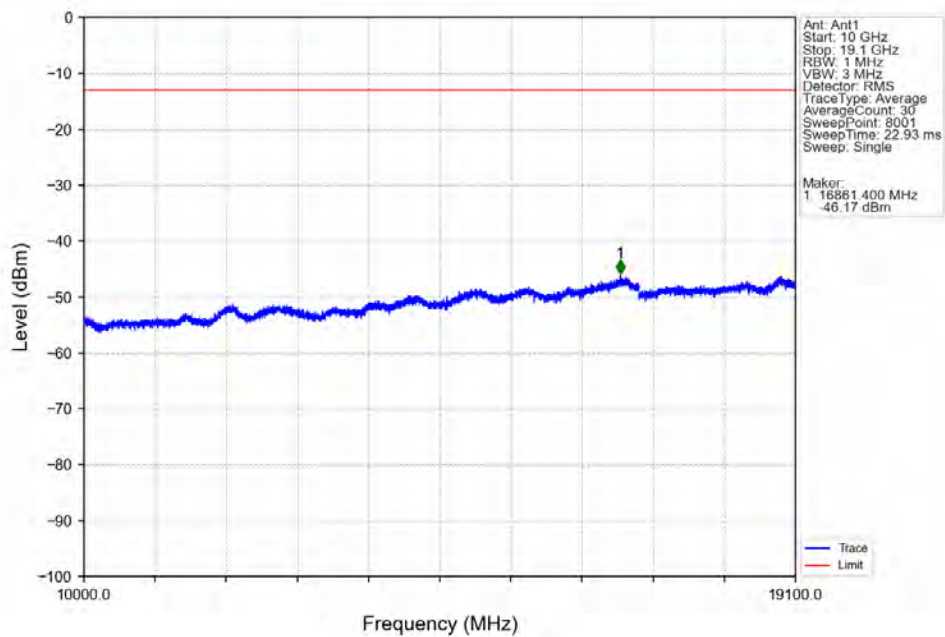
Band2 3MHz 16QAM HCH 1908.5MHz RB 1 0 NTV



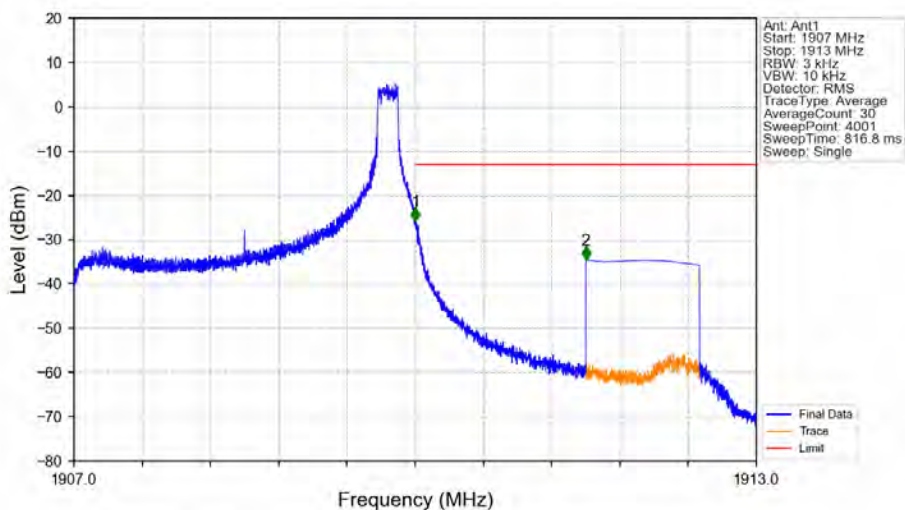
Band2 3MHz 16QAM HCH 1908.5MHz RB 1 0 NTV



Band2 3MHz 16QAM HCH 1908.5MHz RB 1 0 NTV

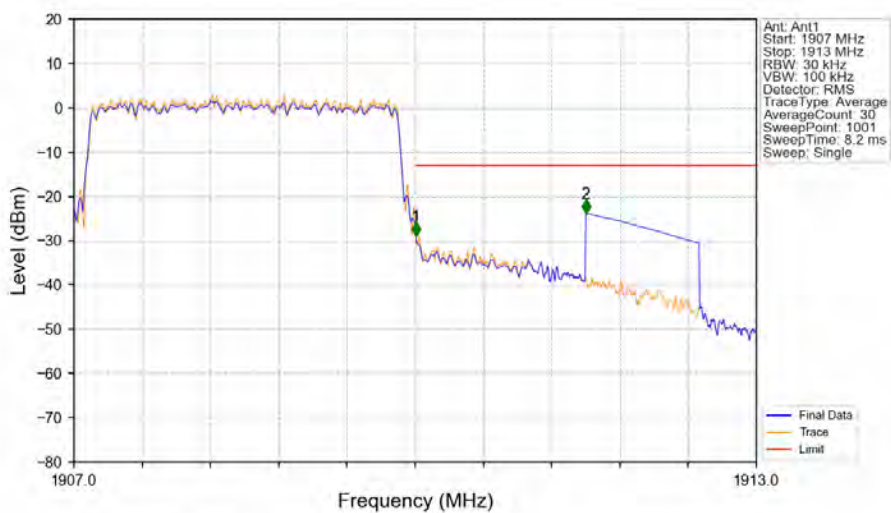


Band2 3MHz 16QAM HCH 1908.5MHz RB 1 14 NTV



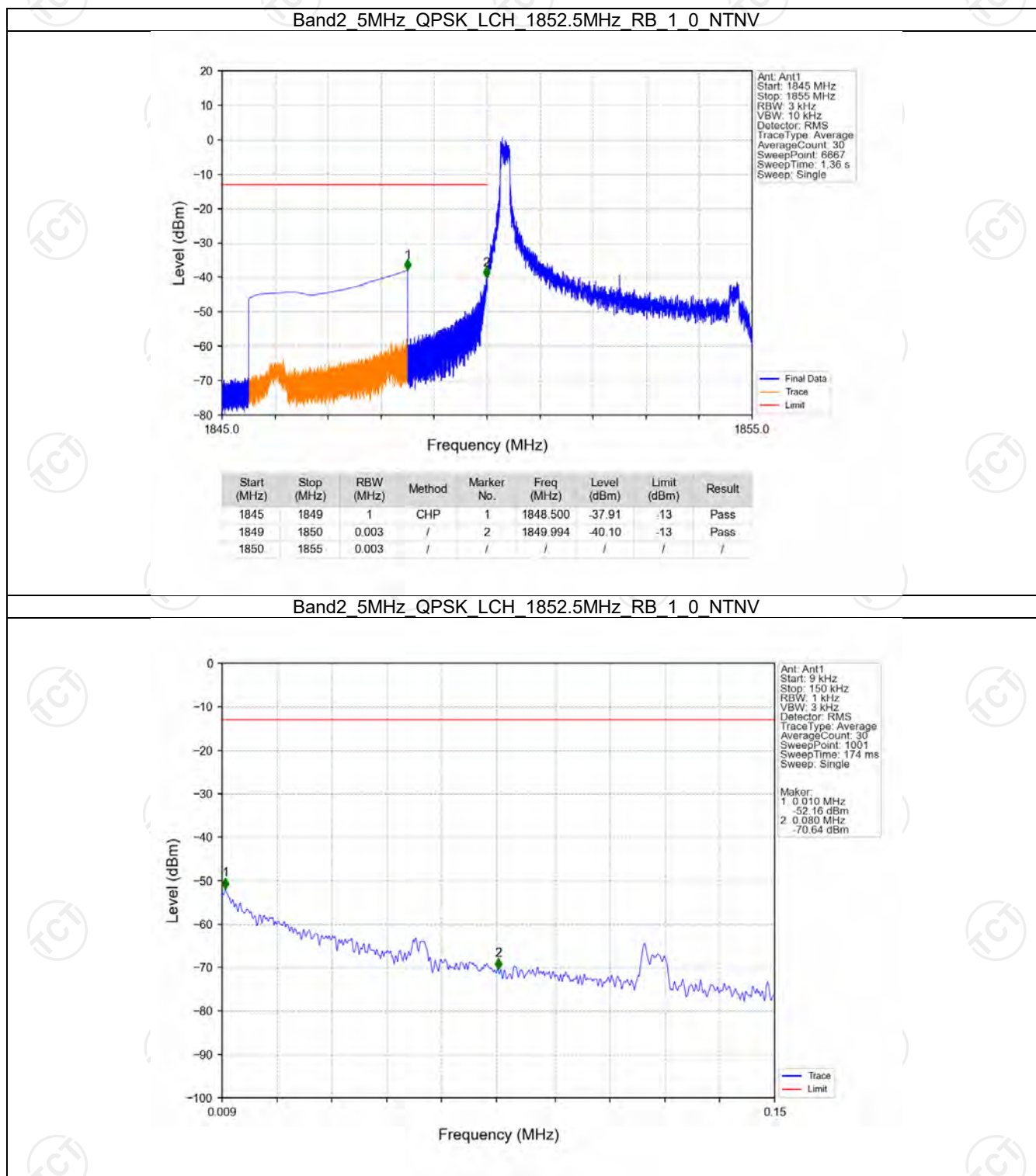
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.002   | -25.86      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.500   | -34.51      | -13         | Pass   |

Band2 3MHz 16QAM HCH 1908.5MHz RB 15 0 NTV

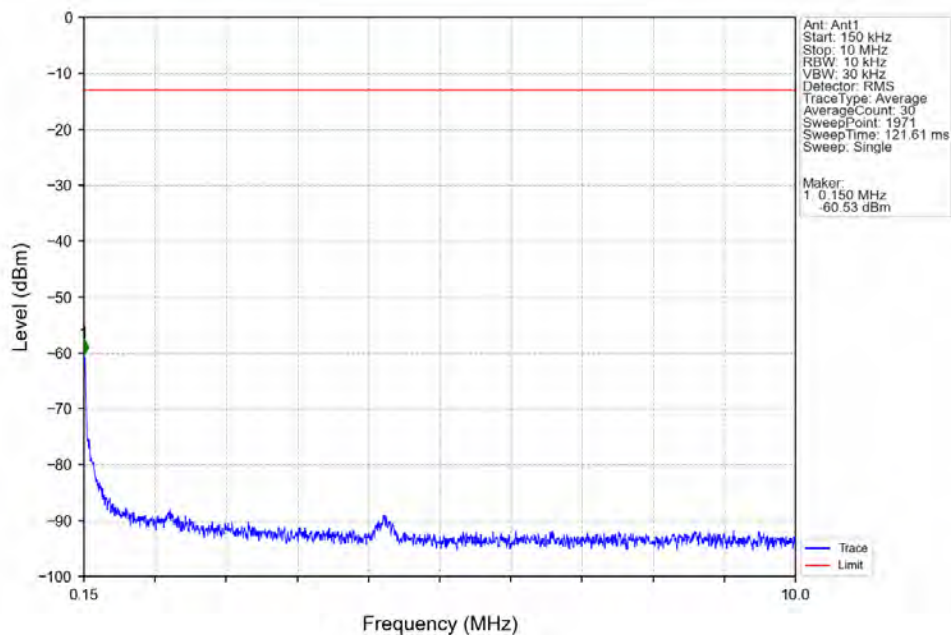


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.031     | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.031     | CHP    | 1          | 1910.006   | -28.99      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.500   | -23.79      | -13         | Pass   |

## 6.2.3 B2\_5MHz



Band2 5MHz QPSK LCH 1852.5MHz RB 1 0 NTNV



Band2 5MHz QPSK LCH 1852.5MHz RB 1 0 NTNV

