

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

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

| Band: 2 / Bandwidth: 1.4MHz / NTV        |                 |               |        |                       |            |            |         |         |
|------------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                               | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                          |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                                     | 1850.7          | 1             | 0      | 22.98                 | 2.17       | 25.15      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 22.95                 | 2.17       | 25.12      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 22.09                 | 2.17       | 24.26      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 23.01                 | 2.17       | 25.18      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 22.99                 | 2.17       | 25.16      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 22.02                 | 2.17       | 24.19      | <=33.01 | Pass    |
|                                          | 1909.3          | 1             | 0      | 22.88                 | 2.17       | 25.05      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 23.04                 | 2.17       | 25.21      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 21.88                 | 2.17       | 24.05      | <=33.01 | Pass    |
| 16QAM                                    | 1850.7          | 1             | 0      | 22.31                 | 2.17       | 24.48      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 22.29                 | 2.17       | 24.46      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 21.20                 | 2.17       | 23.37      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 22.07                 | 2.17       | 24.24      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 22.10                 | 2.17       | 24.27      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 21.01                 | 2.17       | 23.18      | <=33.01 | Pass    |
|                                          | 1909.3          | 1             | 0      | 21.66                 | 2.17       | 23.83      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 21.85                 | 2.17       | 24.02      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 20.96                 | 2.17       | 23.13      | <=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      | 22.81                 | 2.17       | 24.98      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 22.78                 | 2.17       | 24.95      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 21.96                 | 2.17       | 24.13      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 22.97                 | 2.17       | 25.14      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 22.75                 | 2.17       | 24.92      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 21.95                 | 2.17       | 24.12      | <=33.01 | Pass    |
|                                          | 1908.5          | 1             | 0      | 22.51                 | 2.17       | 24.68      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 22.85                 | 2.17       | 25.02      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 21.70                 | 2.17       | 23.87      | <=33.01 | Pass    |
| 16QAM                                    | 1851.5          | 1             | 0      | 22.25                 | 2.17       | 24.42      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 22.15                 | 2.17       | 24.32      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 21.00                 | 2.17       | 23.17      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 22.03                 | 2.17       | 24.20      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 21.85                 | 2.17       | 24.02      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 20.99                 | 2.17       | 23.16      | <=33.01 | Pass    |
|                                          | 1908.5          | 1             | 0      | 21.29                 | 2.17       | 23.46      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 21.69                 | 2.17       | 23.86      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 20.82                 | 2.17       | 22.99      | <=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      | 23.08                 | 2.17       | 25.25      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 23.00                 | 2.17       | 25.17      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 22.08                 | 2.17       | 24.25      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 23.19                 | 2.17       | 25.36      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 22.85                 | 2.17       | 25.02      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 22.07                 | 2.17       | 24.24      | <=33.01 | Pass    |
|                                          | 1907.5          | 1             | 0      | 22.63                 | 2.17       | 24.80      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 22.99                 | 2.17       | 25.16      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 21.75                 | 2.17       | 23.92      | <=33.01 | Pass    |
| 16QAM                                    | 1852.5          | 1             | 0      | 22.37                 | 2.17       | 24.54      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 22.36                 | 2.17       | 24.53      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 21.20                 | 2.17       | 23.37      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 22.39                 | 2.17       | 24.56      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 22.09                 | 2.17       | 24.26      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 21.17                 | 2.17       | 23.34      | <=33.01 | Pass    |
|                                          | 1907.5          | 1             | 0      | 21.92                 | 2.17       | 24.09      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 22.25                 | 2.17       | 24.42      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 20.90                 | 2.17       | 23.07      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

### 1.1.4 B2\_10MHz\_EIRP

| Band: 2 / Bandwidth: 10MHz / NTVN        |                 |               |        |                       |            |            |         |         |
|------------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                               | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                          |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                                     | 1855            | 1             | 0      | 23.18                 | 2.17       | 25.35      | <=33.01 | Pass    |
|                                          |                 |               | 49     | 23.14                 | 2.17       | 25.31      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 22.09                 | 2.17       | 24.26      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 23.52                 | 2.17       | 25.69      | <=33.01 | Pass    |
|                                          |                 |               | 49     | 22.84                 | 2.17       | 25.01      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 22.22                 | 2.17       | 24.39      | <=33.01 | Pass    |
|                                          | 1905            | 1             | 0      | 23.55                 | 2.17       | 25.72      | <=33.01 | Pass    |
|                                          |                 |               | 49     | 23.25                 | 2.17       | 25.42      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 22.12                 | 2.17       | 24.29      | <=33.01 | Pass    |
| 16QAM                                    | 1855            | 1             | 0      | 22.48                 | 2.17       | 24.65      | <=33.01 | Pass    |
|                                          |                 |               | 49     | 22.47                 | 2.17       | 24.64      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 22.58                 | 2.17       | 24.75      | <=33.01 | Pass    |
|                                          |                 |               | 49     | 22.07                 | 2.17       | 24.24      | <=33.01 | Pass    |
|                                          | 1905            | 1             | 0      | 22.51                 | 2.17       | 24.68      | <=33.01 | Pass    |
|                                          |                 |               | 49     | 22.14                 | 2.17       | 24.31      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

### 1.1.5 B2\_15MHz\_EIRP

| Band: 2 / Bandwidth: 15MHz / NTN |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 1857.5          | 1             | 0      | 23.20                 | 2.17       | 25.37      | <=33.01 | Pass    |
|                                  |                 |               | 74     | 23.28                 | 2.17       | 25.45      | <=33.01 | Pass    |
|                                  |                 | 75            | 0      | 22.17                 | 2.17       | 24.34      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 23.41                 | 2.17       | 25.58      | <=33.01 | Pass    |
|                                  |                 |               | 74     | 22.89                 | 2.17       | 25.06      | <=33.01 | Pass    |
|                                  |                 | 75            | 0      | 22.28                 | 2.17       | 24.45      | <=33.01 | Pass    |
|                                  | 1902.5          | 1             | 0      | 23.75                 | 2.17       | 25.92      | <=33.01 | Pass    |
|                                  |                 |               | 74     | 23.14                 | 2.17       | 25.31      | <=33.01 | Pass    |
|                                  |                 | 75            | 0      | 22.34                 | 2.17       | 24.51      | <=33.01 | Pass    |
| 16QAM                            | 1857.5          | 1             | 0      | 22.17                 | 2.17       | 24.34      | <=33.01 | Pass    |
|                                  |                 |               | 74     | 22.23                 | 2.17       | 24.40      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 22.55                 | 2.17       | 24.72      | <=33.01 | Pass    |
|                                  |                 |               | 74     | 21.99                 | 2.17       | 24.16      | <=33.01 | Pass    |
|                                  | 1902.5          | 1             | 0      | 22.78                 | 2.17       | 24.95      | <=33.01 | Pass    |
|                                  |                 |               | 74     | 22.07                 | 2.17       | 24.24      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.6 B2\_20MHz\_EIRP

| Band: 2 / Bandwidth: 20MHz / NTN |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 1860            | 1             | 0      | 23.21                 | 2.17       | 25.38      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 23.29                 | 2.17       | 25.46      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 22.45                 | 2.17       | 24.62      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 23.26                 | 2.17       | 25.43      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 22.94                 | 2.17       | 25.11      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 22.30                 | 2.17       | 24.47      | <=33.01 | Pass    |
|                                  | 1900            | 1             | 0      | 23.46                 | 2.17       | 25.63      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 22.96                 | 2.17       | 25.13      | <=33.01 | Pass    |
|                                  |                 | 100           | 0      | 22.58                 | 2.17       | 24.75      | <=33.01 | Pass    |
| 16QAM                            | 1860            | 1             | 0      | 22.75                 | 2.17       | 24.92      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 22.82                 | 2.17       | 24.99      | <=33.01 | Pass    |
|                                  | 1880            | 1             | 0      | 22.88                 | 2.17       | 25.05      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 22.50                 | 2.17       | 24.67      | <=33.01 | Pass    |
|                                  | 1900            | 1             | 0      | 22.94                 | 2.17       | 25.11      | <=33.01 | Pass    |
|                                  |                 |               | 99     | 22.39                 | 2.17       | 24.56      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 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                       | 1880            | 50            | 0      | 20         | 3.40          | -2.503           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.80          | -0.315           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.20          | -0.257           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.80          | -0.887           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.80          | 0.186            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.80          | -0.429           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.80          | -1.144           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.80          | -1.073           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.80          | -1.531           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.80          | 0.286            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.80          | 1.245            | 0.0007                | -2.5 to 2.5 | Pass    |

## 3. 99% & 26dB Bandwidth

### 3.1 Test Result

#### 3.1.1 Band2\_OBW

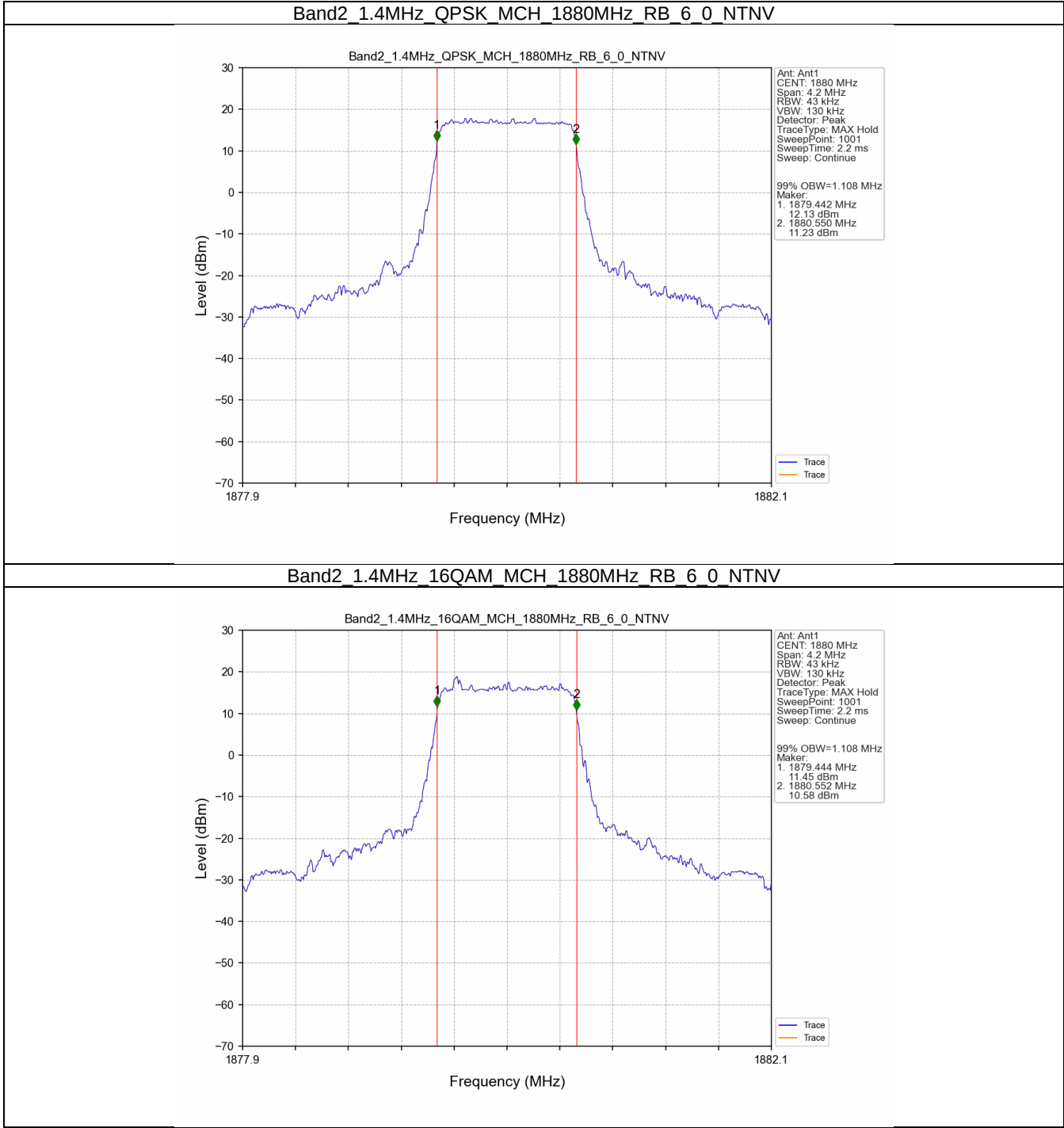
| Band: 2 / NTNV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1880            | 6             | 0      | 1.108                        | /     | Pass    |
|                 | 16QAM      | 1880            | 6             | 0      | 1.108                        | /     | Pass    |
| 3               | QPSK       | 1880            | 15            | 0      | 2.745                        | /     | Pass    |
|                 | 16QAM      | 1880            | 15            | 0      | 2.743                        | /     | Pass    |
| 5               | QPSK       | 1880            | 25            | 0      | 4.563                        | /     | Pass    |
|                 | 16QAM      | 1880            | 25            | 0      | 4.545                        | /     | Pass    |
| 10              | QPSK       | 1880            | 50            | 0      | 9.070                        | /     | Pass    |
|                 | 16QAM      | 1880            | 27            | 0      | 5.150                        | /     | Pass    |
| 15              | QPSK       | 1880            | 75            | 0      | 13.643                       | /     | Pass    |
|                 | 16QAM      | 1880            | 27            | 0      | 5.537                        | /     | Pass    |
| 20              | QPSK       | 1880            | 100           | 0      | 18.129                       | /     | Pass    |
|                 | 16QAM      | 1880            | 27            | 0      | 5.705                        | /     | Pass    |

### 3.1.2 Band2\_XDB

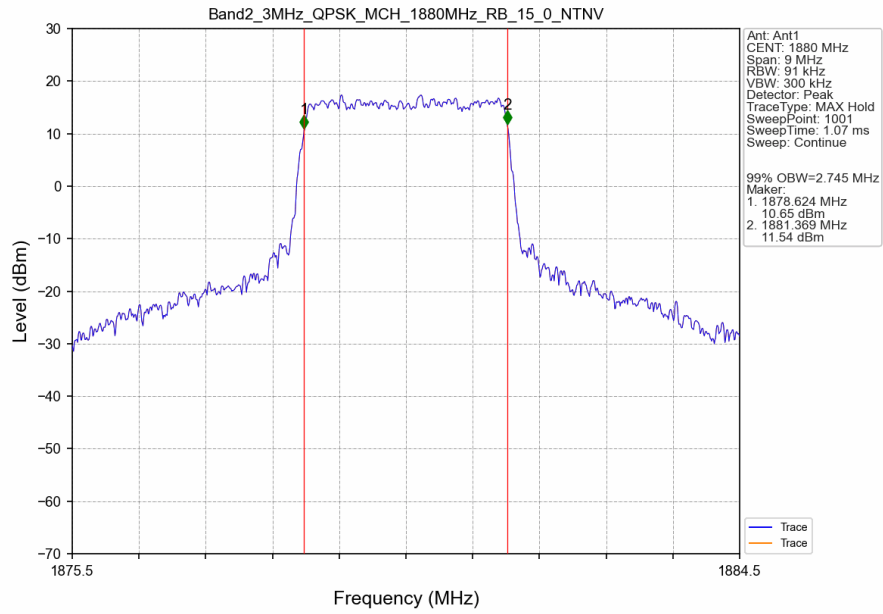
| Band: 2 / NTN   |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1880            | 6             | 0      | 1.322                | /     | Pass    |
|                 | 16QAM      | 1880            | 6             | 0      | 1.319                | /     | Pass    |
| 3               | QPSK       | 1880            | 15            | 0      | 3.076                | /     | Pass    |
|                 | 16QAM      | 1880            | 15            | 0      | 3.080                | /     | Pass    |
| 5               | QPSK       | 1880            | 25            | 0      | 5.104                | /     | Pass    |
|                 | 16QAM      | 1880            | 25            | 0      | 5.078                | /     | Pass    |
| 10              | QPSK       | 1880            | 50            | 0      | 10.247               | /     | Pass    |
|                 | 16QAM      | 1880            | 27            | 0      | 6.360                | /     | Pass    |
| 15              | QPSK       | 1880            | 75            | 0      | 15.613               | /     | Pass    |
|                 | 16QAM      | 1880            | 27            | 0      | 7.046                | /     | Pass    |
| 20              | QPSK       | 1880            | 100           | 0      | 20.588               | /     | Pass    |
|                 | 16QAM      | 1880            | 27            | 0      | 7.697                | /     | Pass    |

3.2 Test Graph

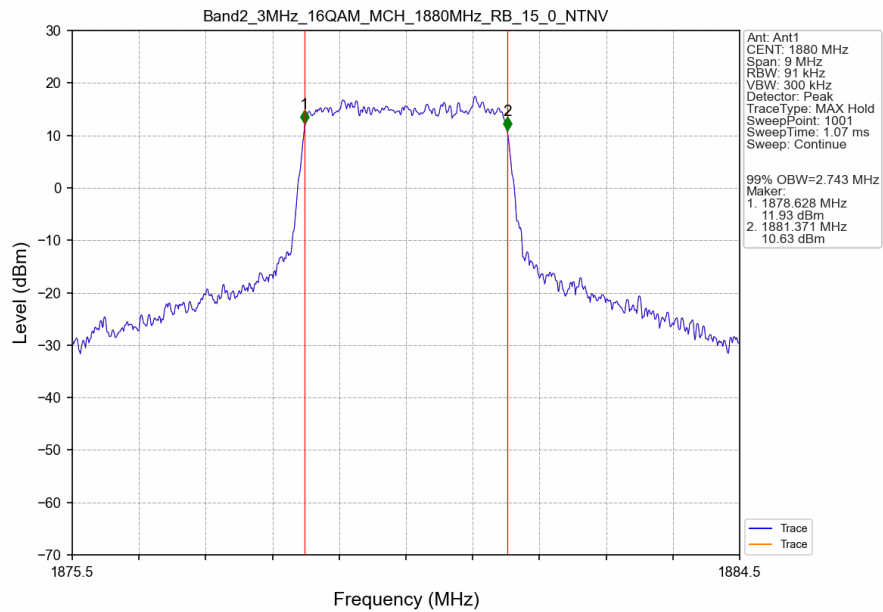
3.2.1 Band2\_OBW



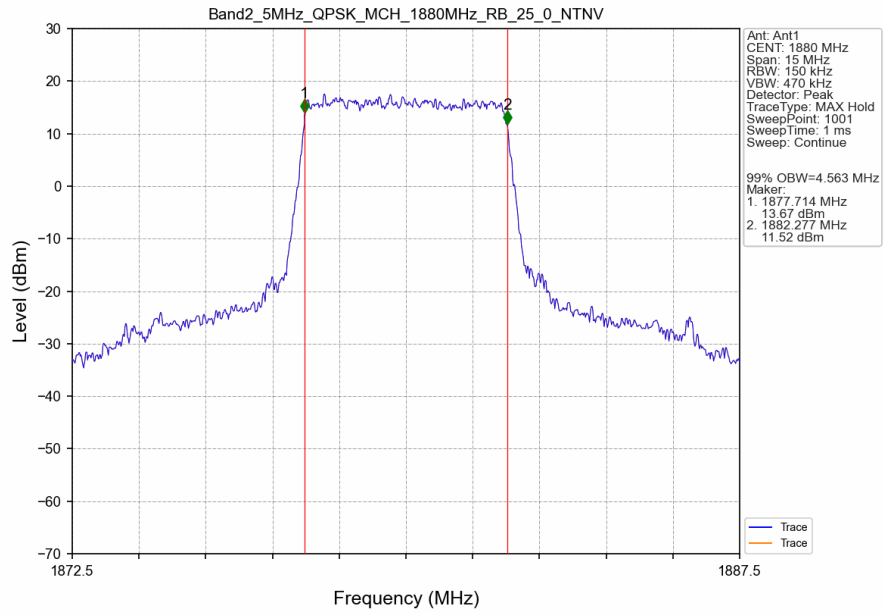
# Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



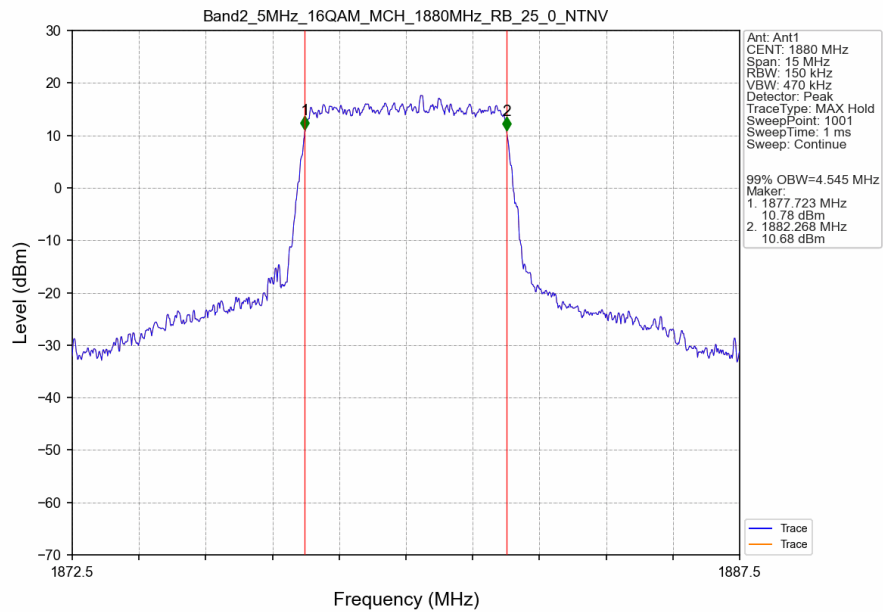
# Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



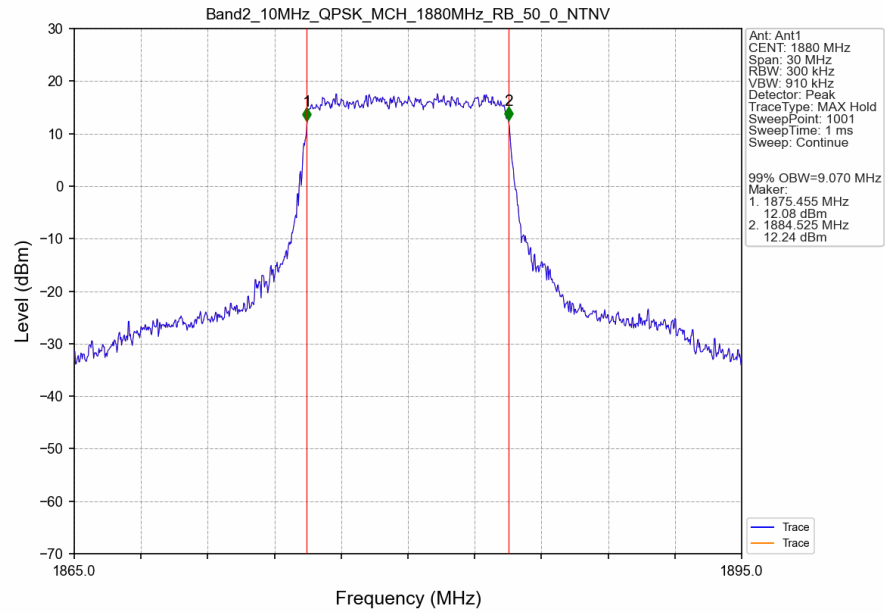
# Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



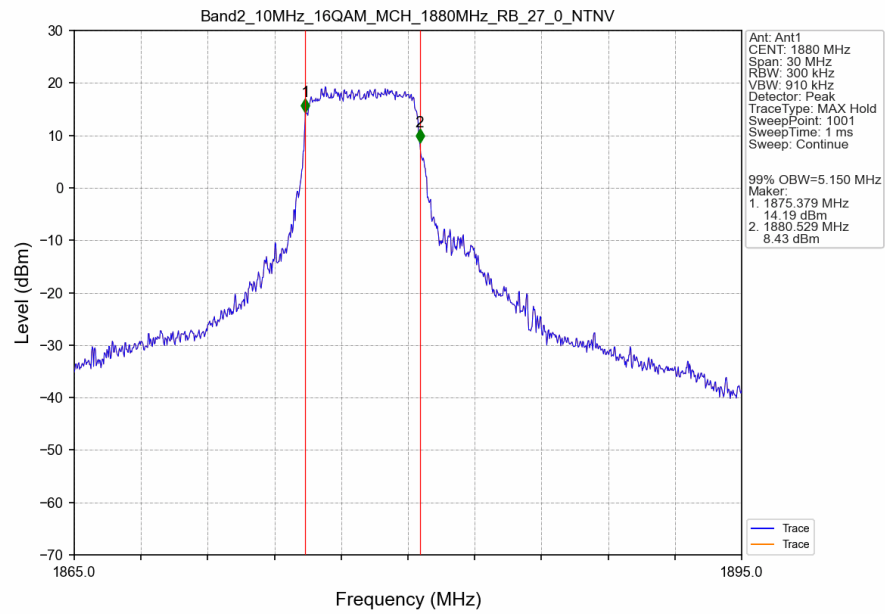
# Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



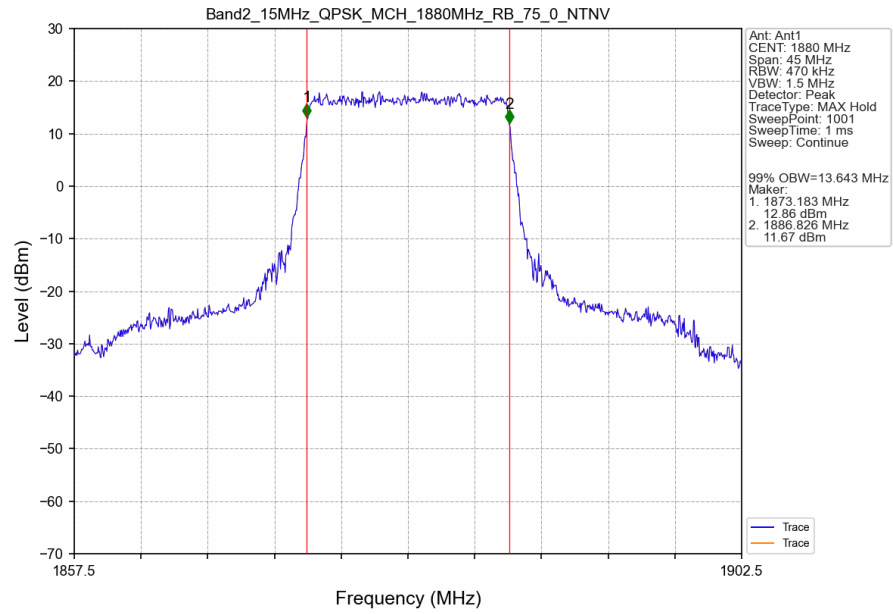
# Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



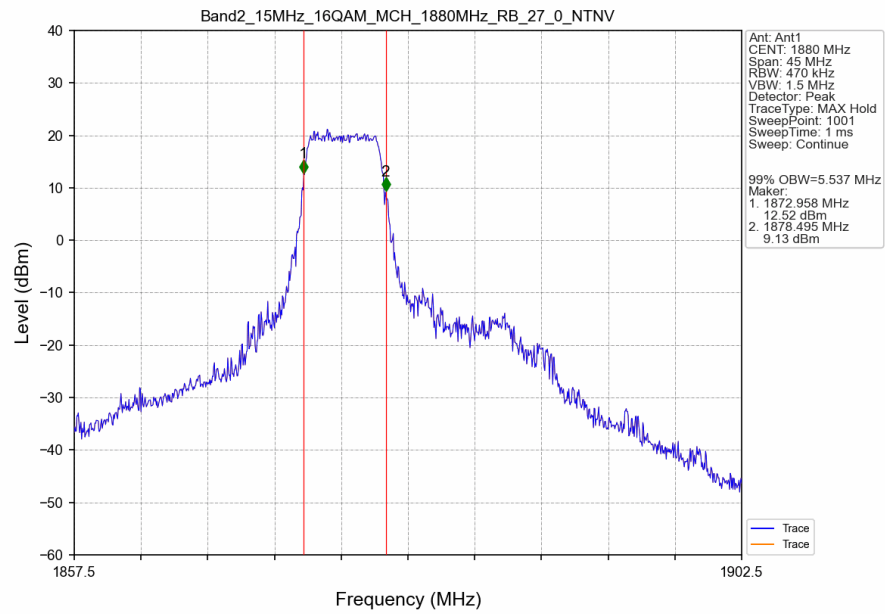
# Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_27\_0\_NTNV



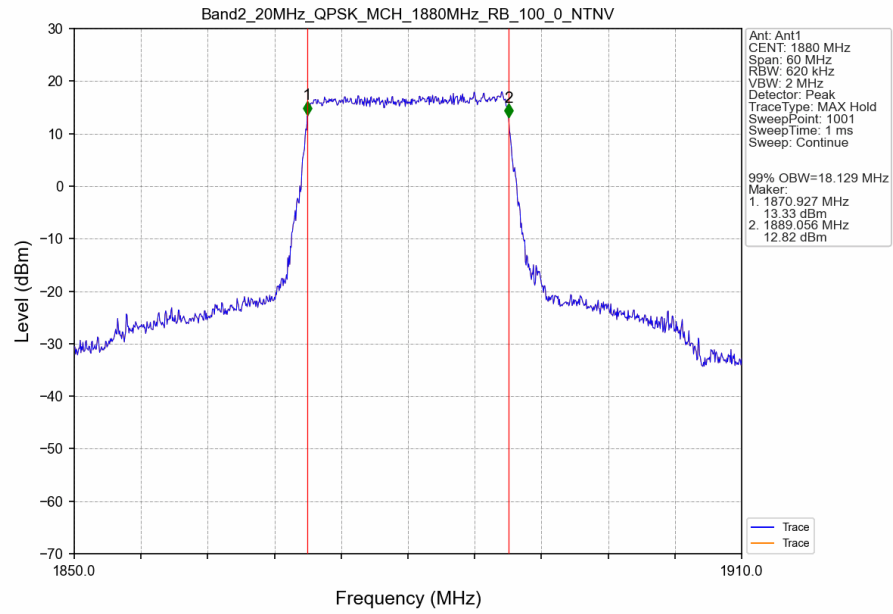
# Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



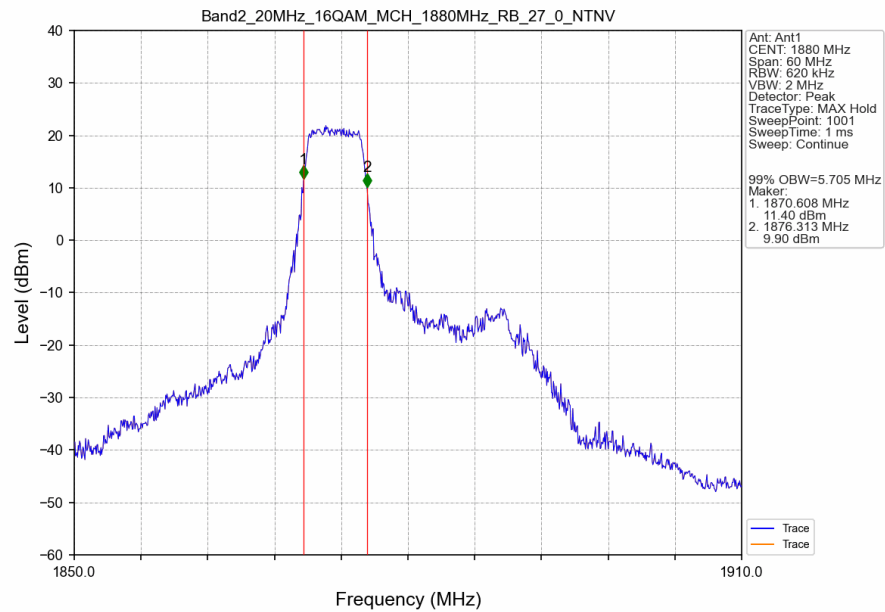
# Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_27\_0\_NTNV



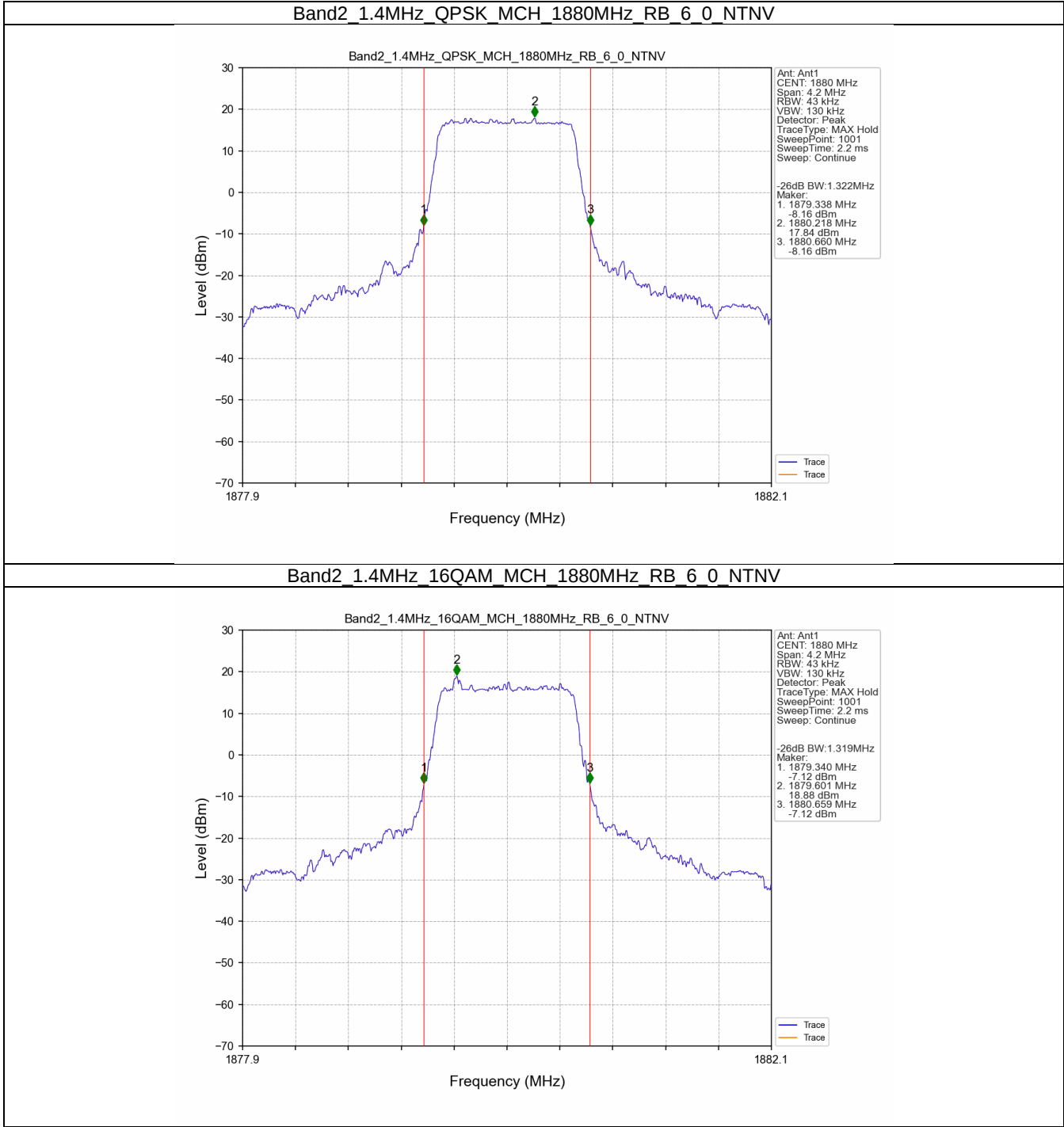
# Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



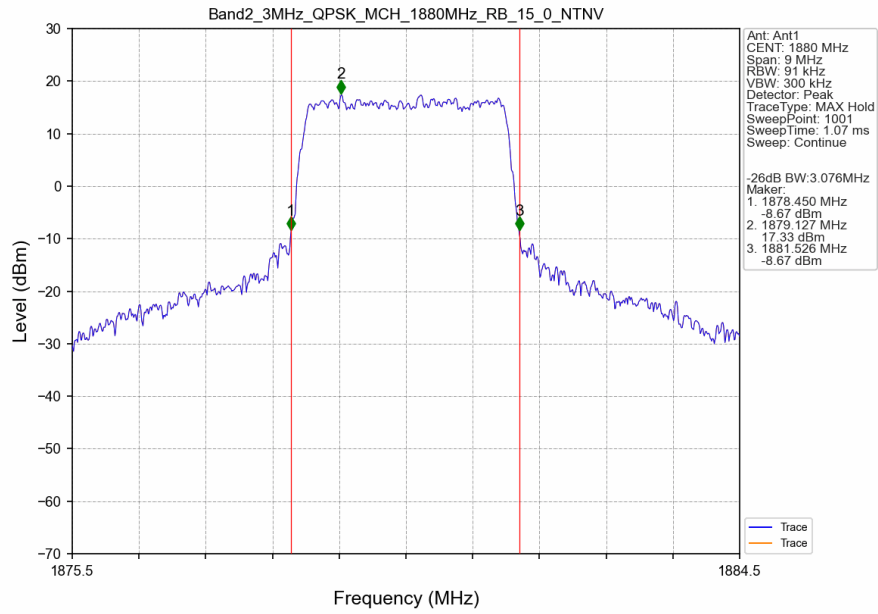
# Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_27\_0\_NTNV



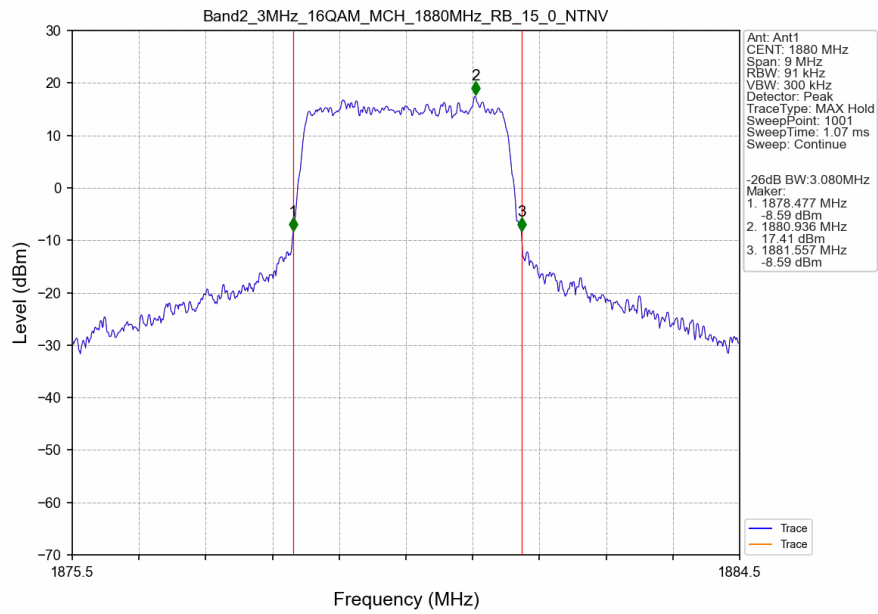
3.2.2 Band2\_XDB



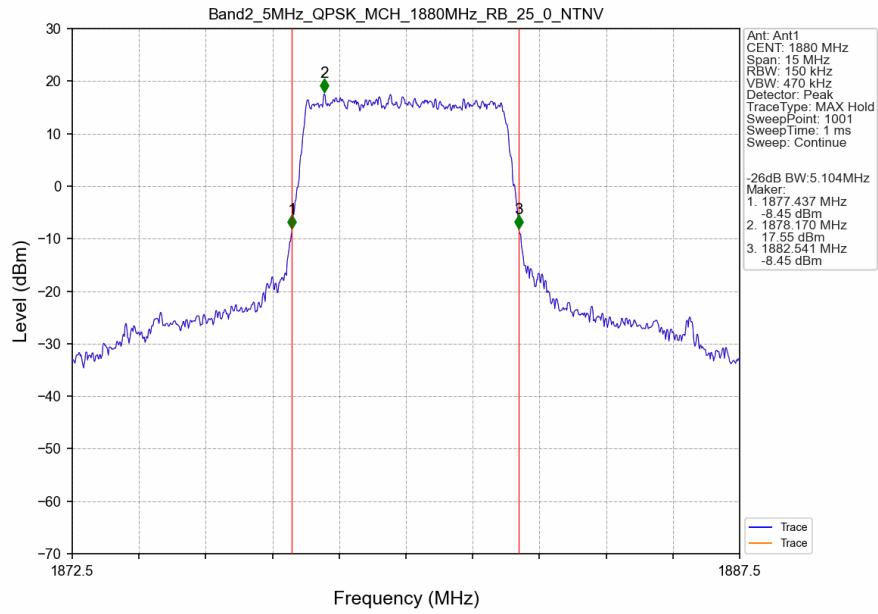
# Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



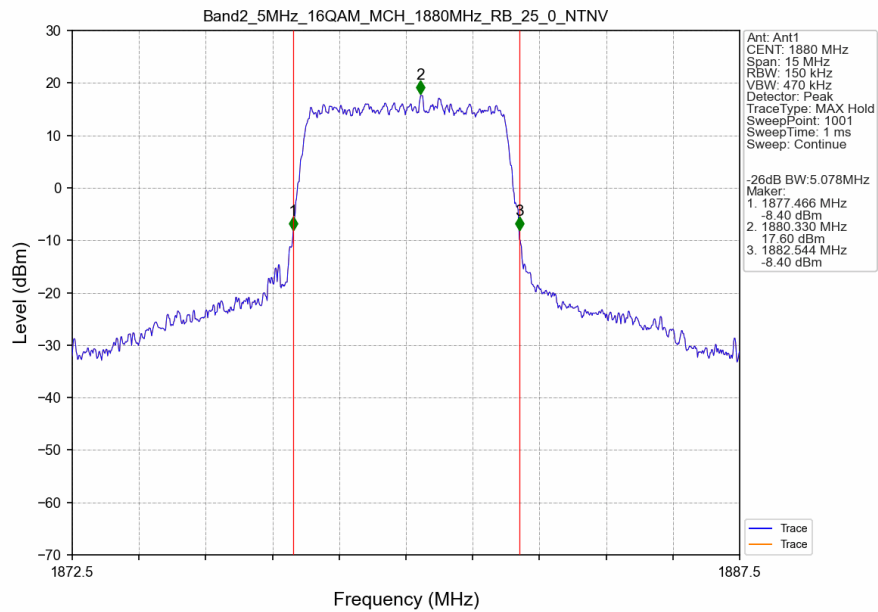
# Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



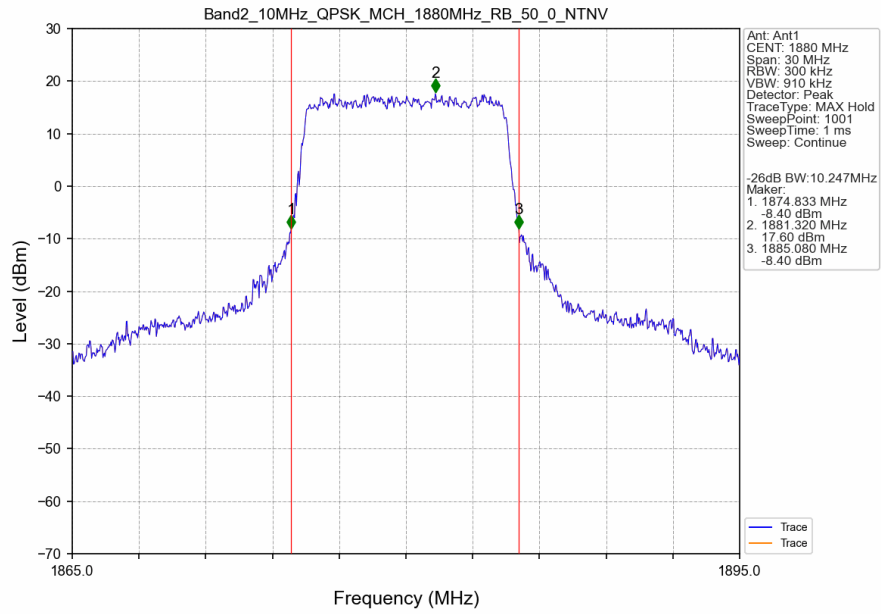
# Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



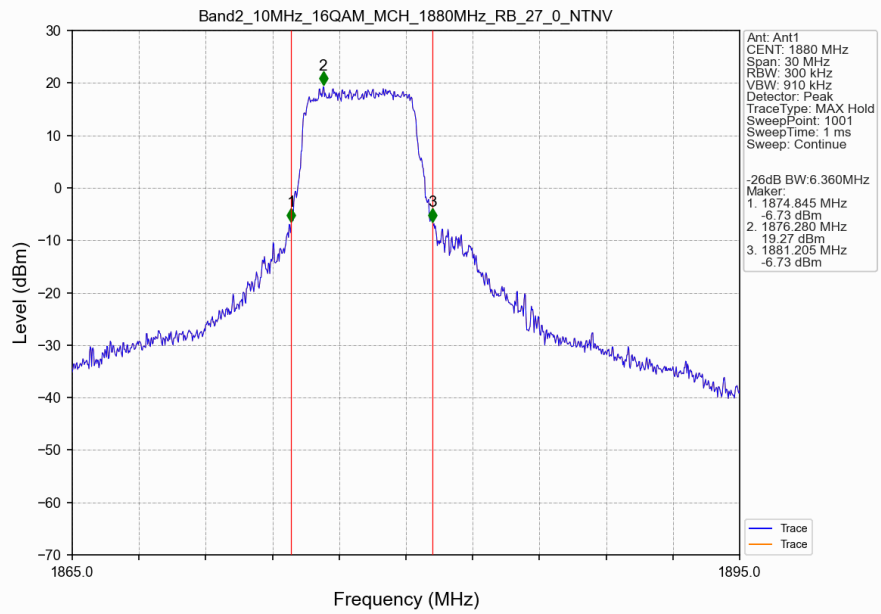
# Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



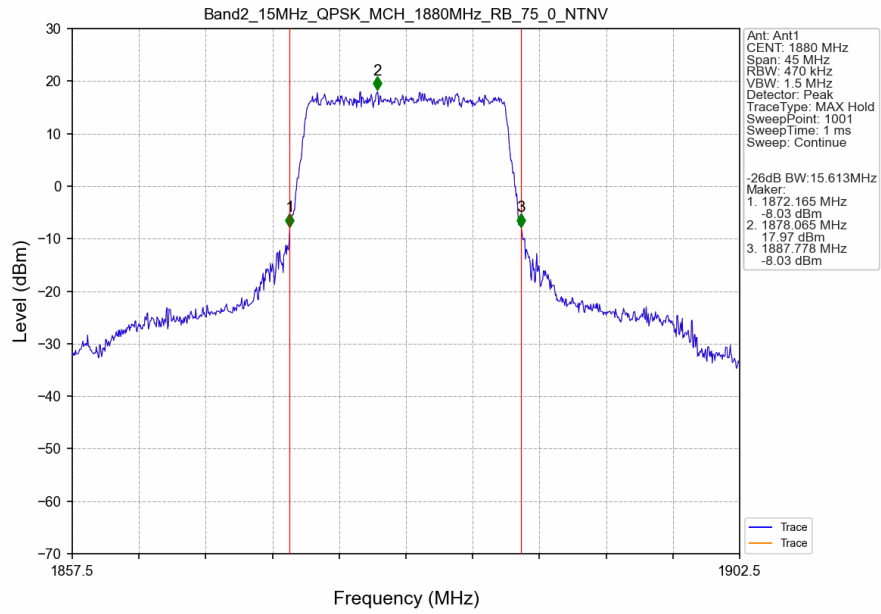
# Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



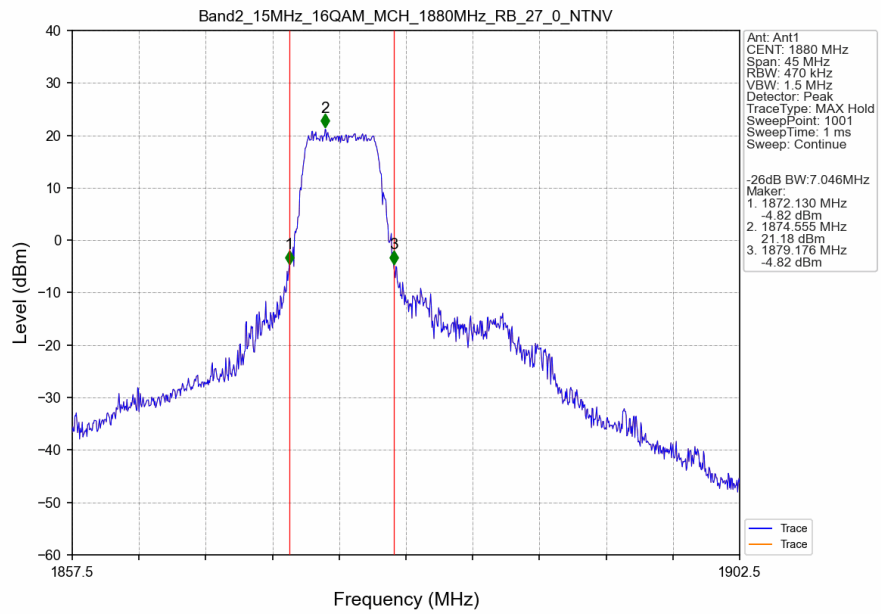
# Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_27\_0\_NTNV



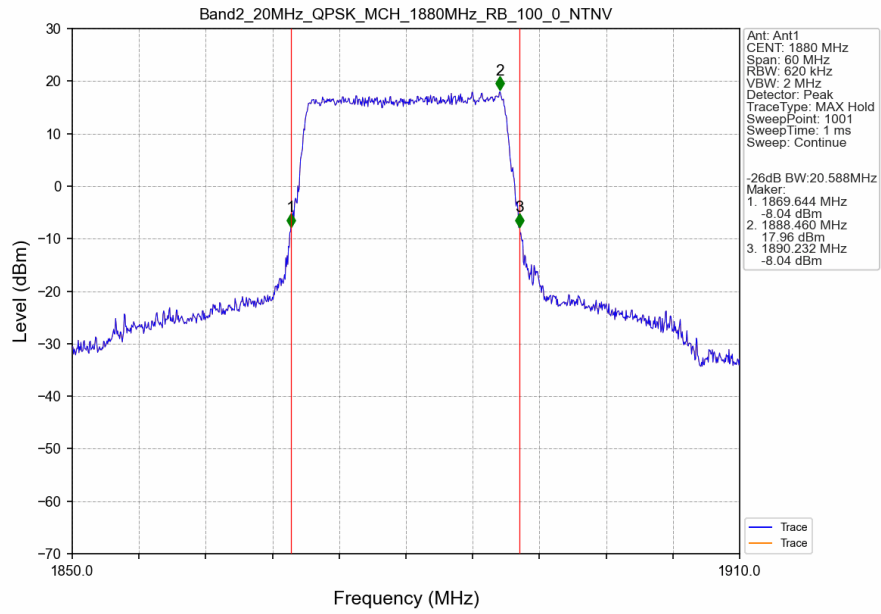
# Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



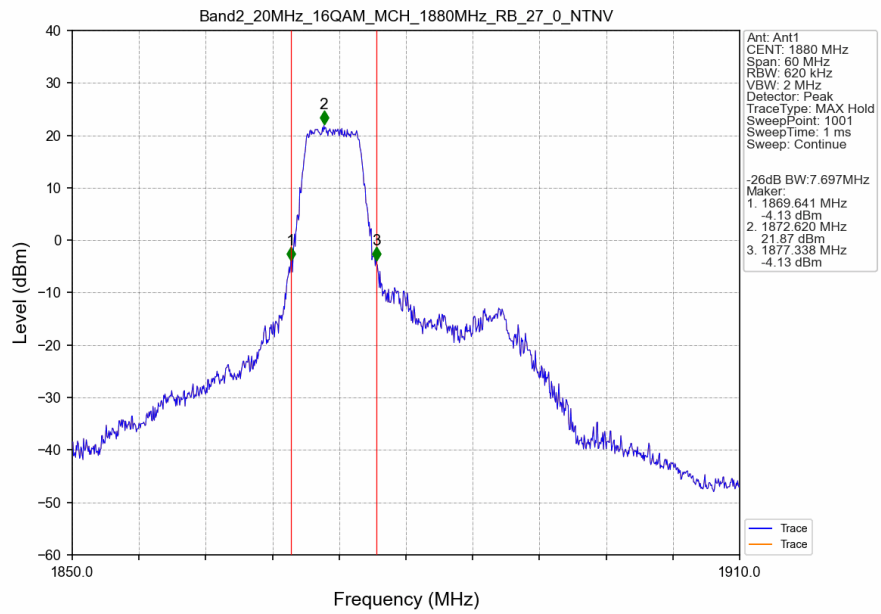
# Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_27\_0\_NTNV



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



# Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_27\_0\_NTNV



## 4. Peak-Average Ratio

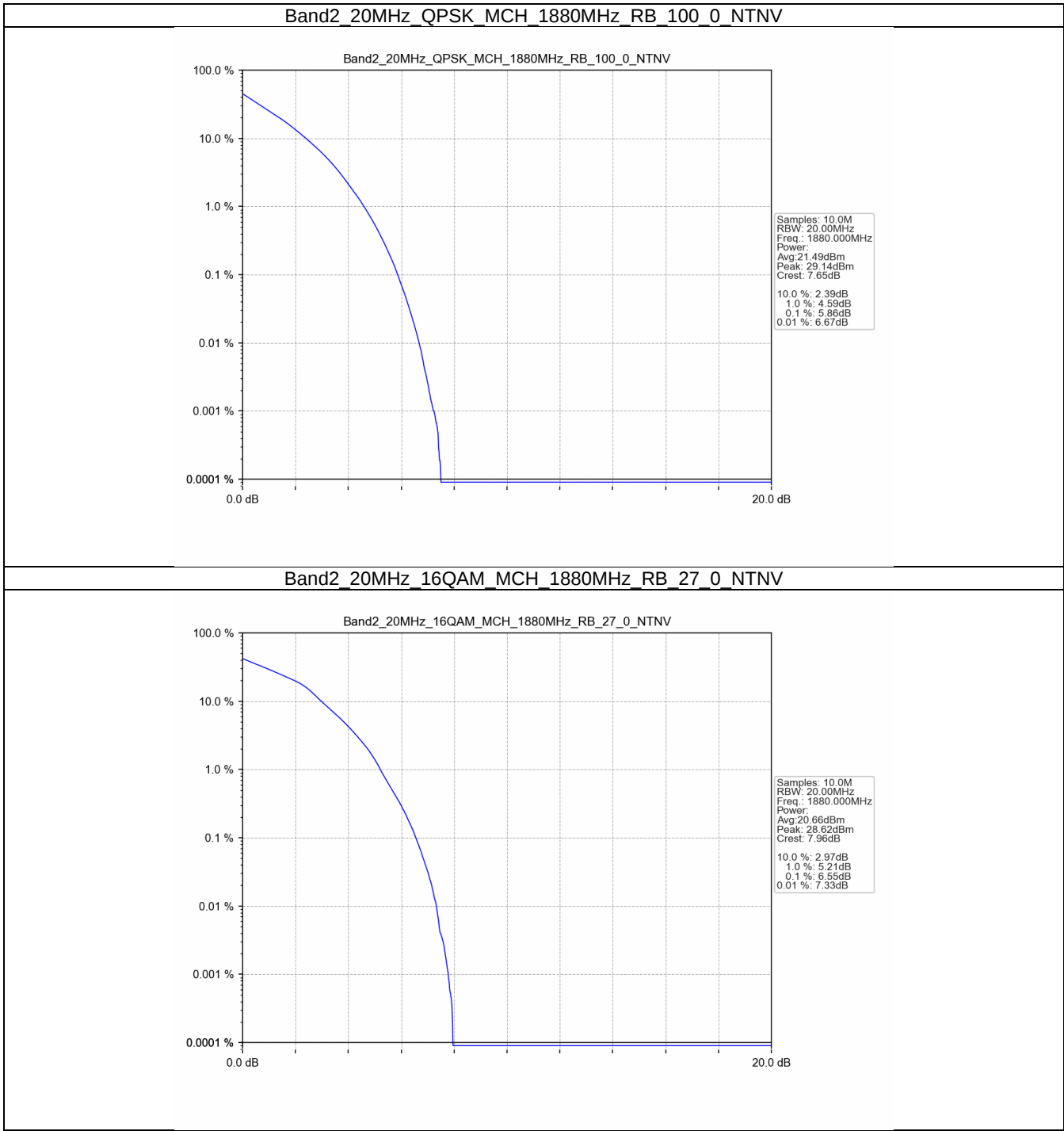
### 4.1 Test Result

#### 4.1.1 B2\_20MHz

| Band: 2 / Bandwidth: 20MHz / NTNV |                    |               |        |                         |       |         |
|-----------------------------------|--------------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency<br>(MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                    | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1880               | 100           | 0      | 5.86                    | <=13  | Pass    |
| 16QAM                             | 1880               | 27            | 0      | 6.55                    | <=13  | Pass    |

4.2 Test Graph

4.2.1 B2\_20MHz



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B2\_1.4MHz

| Band: 2 / Bandwidth: 1.4MHz / NTV |                 |               |        |                     |                     |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|---------------------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |                     | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit               |         |
| QPSK                              | 1850.7          | 1             | 0      | Refer To Test Graph |                     | Pass    |
|                                   |                 | 6             | 0      | Refer To Test Graph |                     | Pass    |
|                                   | 1880            | 1             | 0      | Refer To Test Graph |                     | Pass    |
|                                   |                 | 1909.3        | 1      | 0                   | Refer To Test Graph |         |
|                                   | 5               |               |        | Refer To Test Graph |                     | Pass    |
|                                   | 6               |               | 0      | Refer To Test Graph |                     | Pass    |

#### 5.1.2 B2\_3MHz

| Band: 2 / Bandwidth: 3MHz / NTNV |                 |               |        |                     |                     |         |
|----------------------------------|-----------------|---------------|--------|---------------------|---------------------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |                     | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit               |         |
| QPSK                             | 1851.5          | 1             | 0      | Refer To Test Graph |                     | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |                     | Pass    |
|                                  | 1880            | 1             | 0      | Refer To Test Graph |                     | Pass    |
|                                  |                 | 1908.5        | 1      | 0                   | Refer To Test Graph |         |
|                                  | 14              |               |        | Refer To Test Graph |                     | Pass    |
|                                  | 15              |               | 0      | Refer To Test Graph |                     | Pass    |

#### 5.1.3 B2\_5MHz

| Band: 2 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |                     |         |
|----------------------------------|-----------------|---------------|--------|---------------------|---------------------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |                     | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit               |         |
| QPSK                             | 1852.5          | 1             | 0      | Refer To Test Graph |                     | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |                     | Pass    |
|                                  | 1880            | 1             | 0      | Refer To Test Graph |                     | Pass    |
|                                  |                 | 1907.5        | 1      | 0                   | Refer To Test Graph |         |
|                                  | 24              |               |        | Refer To Test Graph |                     | Pass    |
|                                  | 25              |               | 0      | Refer To Test Graph |                     | Pass    |

#### 5.1.4 B2\_10MHz

| Band: 2 / Bandwidth: 10MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |

#### 5.1.5 B2\_15MHz

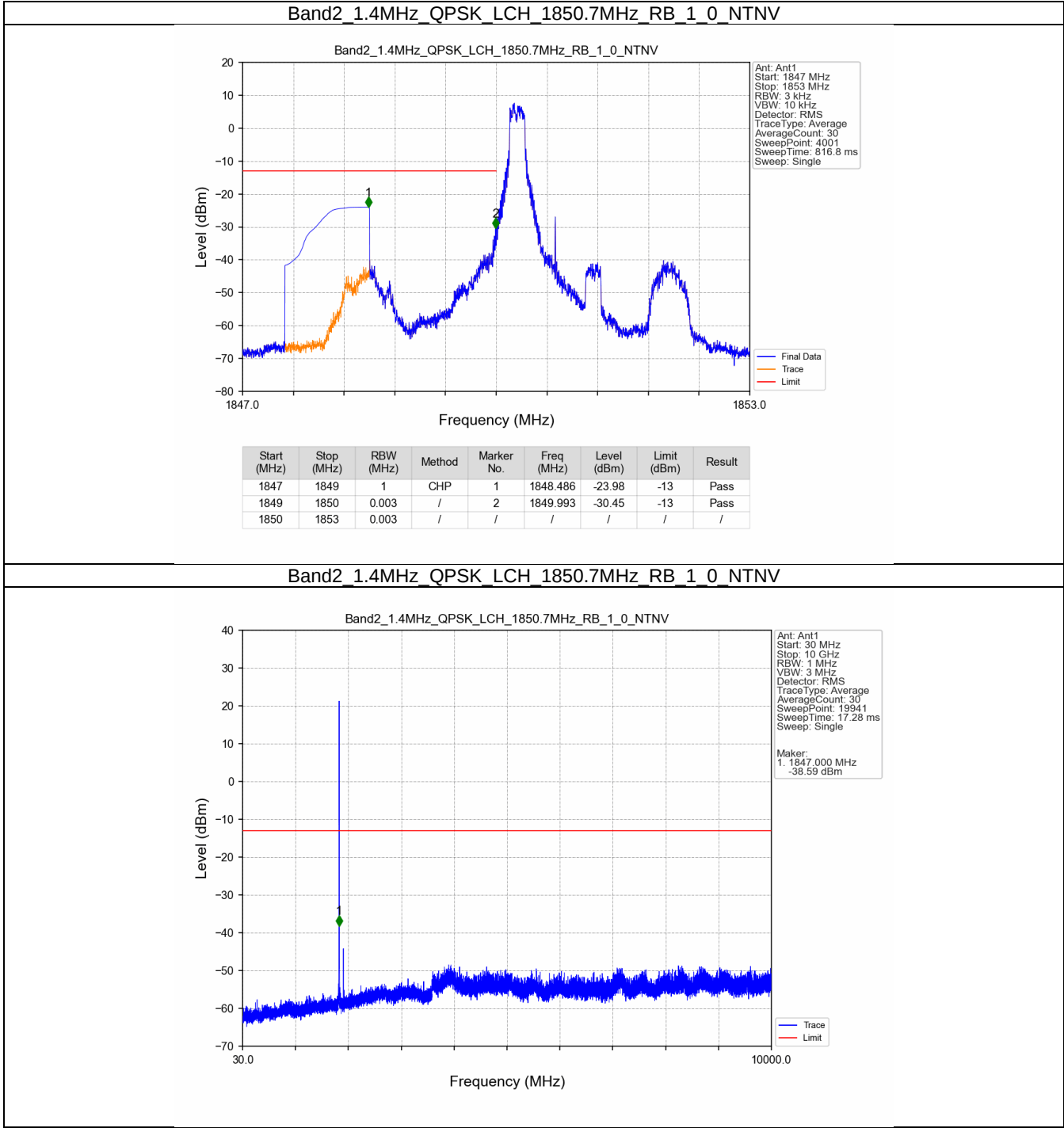
| Band: 2 / Bandwidth: 15MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | 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    |

#### 5.1.6 B2\_20MHz

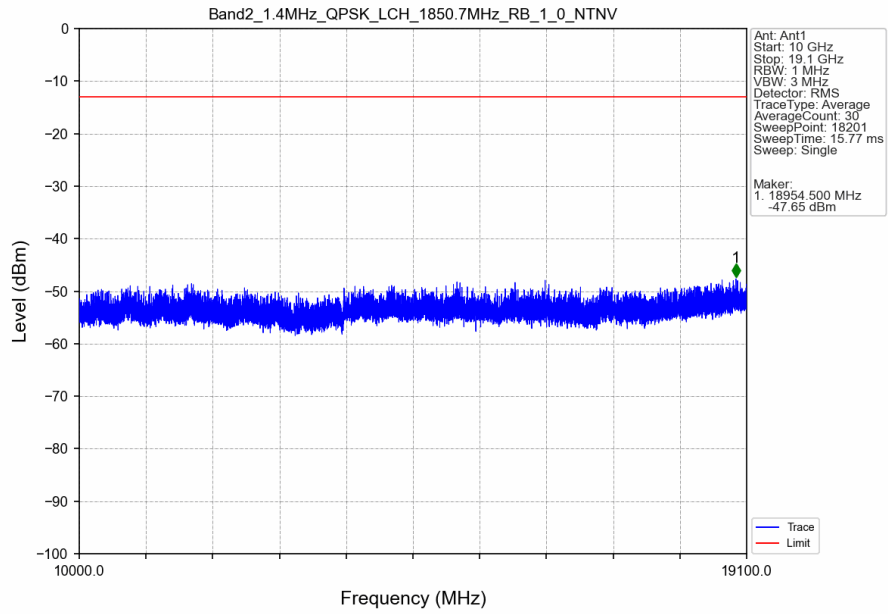
| Band: 2 / Bandwidth: 20MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation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

5.2 Test Graph

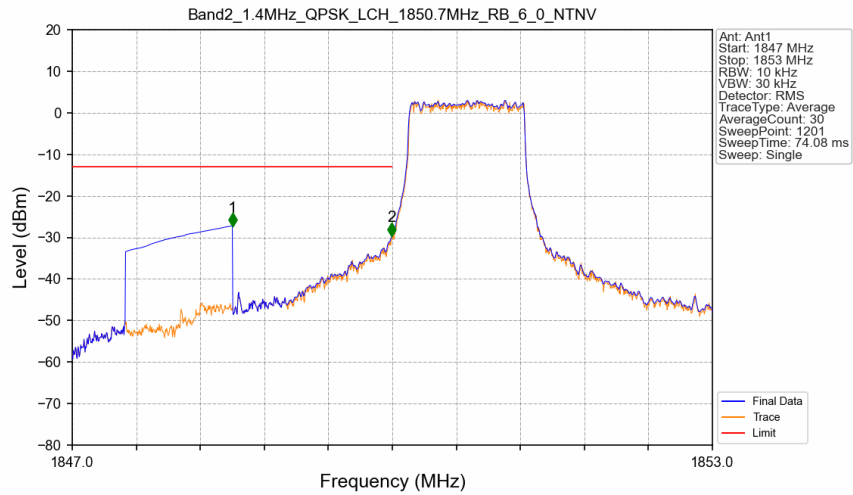
5.2.1 B2\_1.4MHz



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

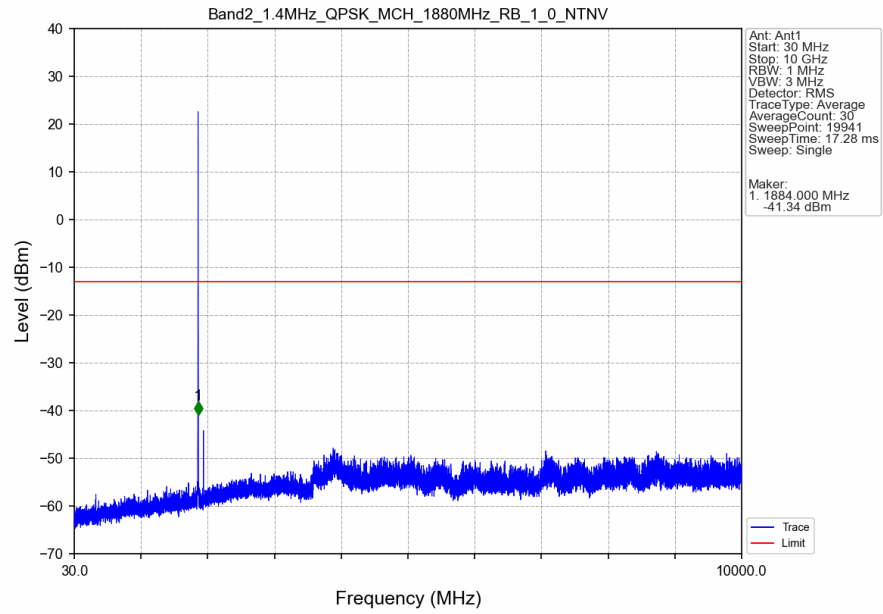


### Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

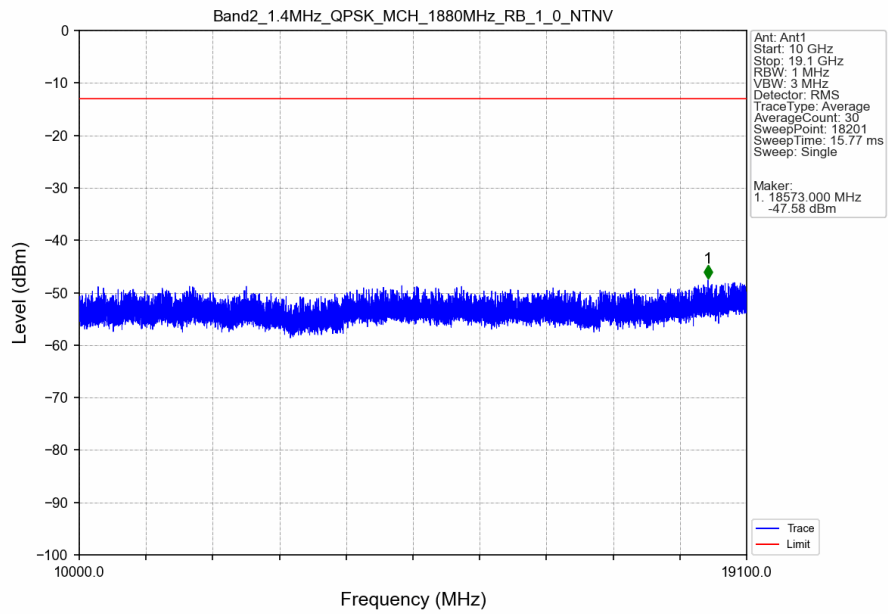


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -27.22      | -13         | Pass   |
| 1849        | 1850       | 0.013     | CHP    | 2          | 1849.995   | -29.58      | -13         | Pass   |
| 1850        | 1853       | 0.013     | CHP    | /          | /          | /           | /           | /      |

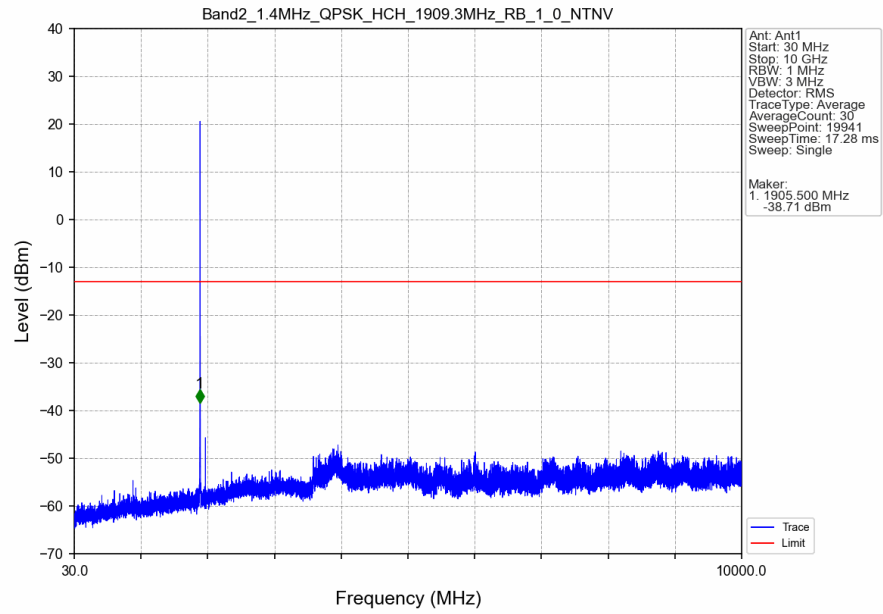
# Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTN



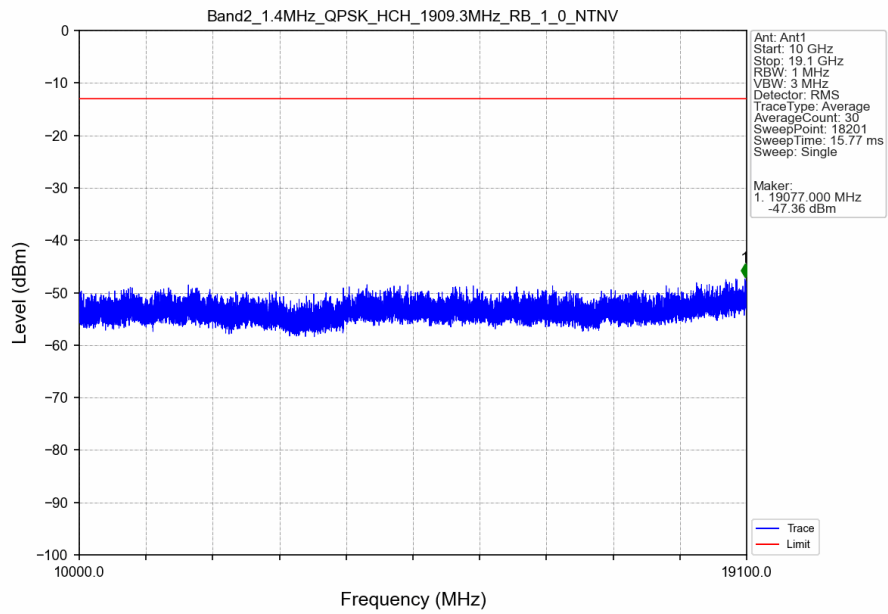
# Band2 1.4MHz QPSK MCH 1880MHz RB 1 0 NTN



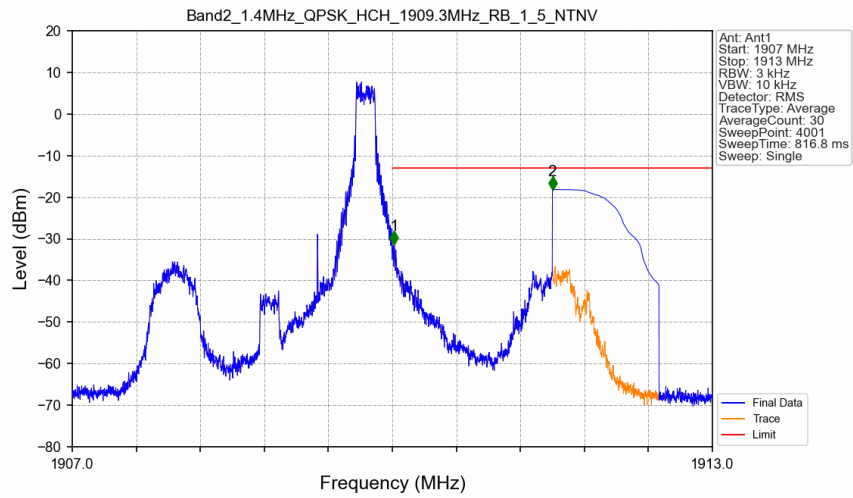
# Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



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

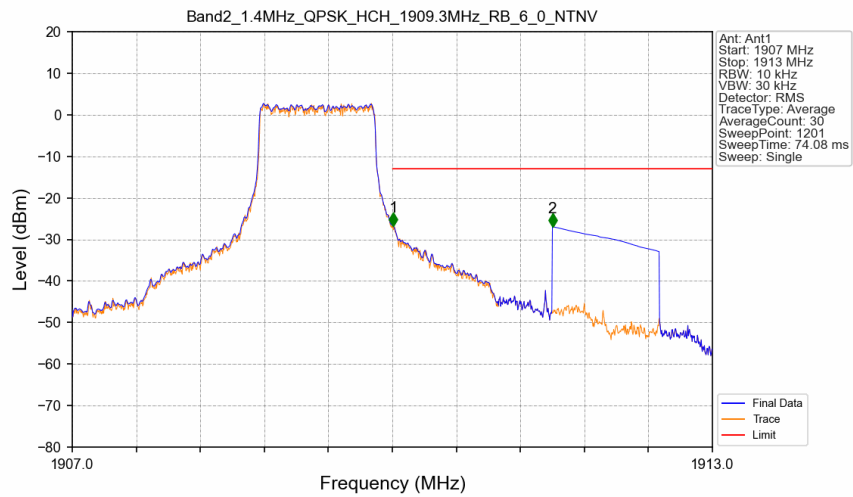


### Band2 1.4MHz QPSK HCH 1909.3MHz RB 1 5\_NTNV



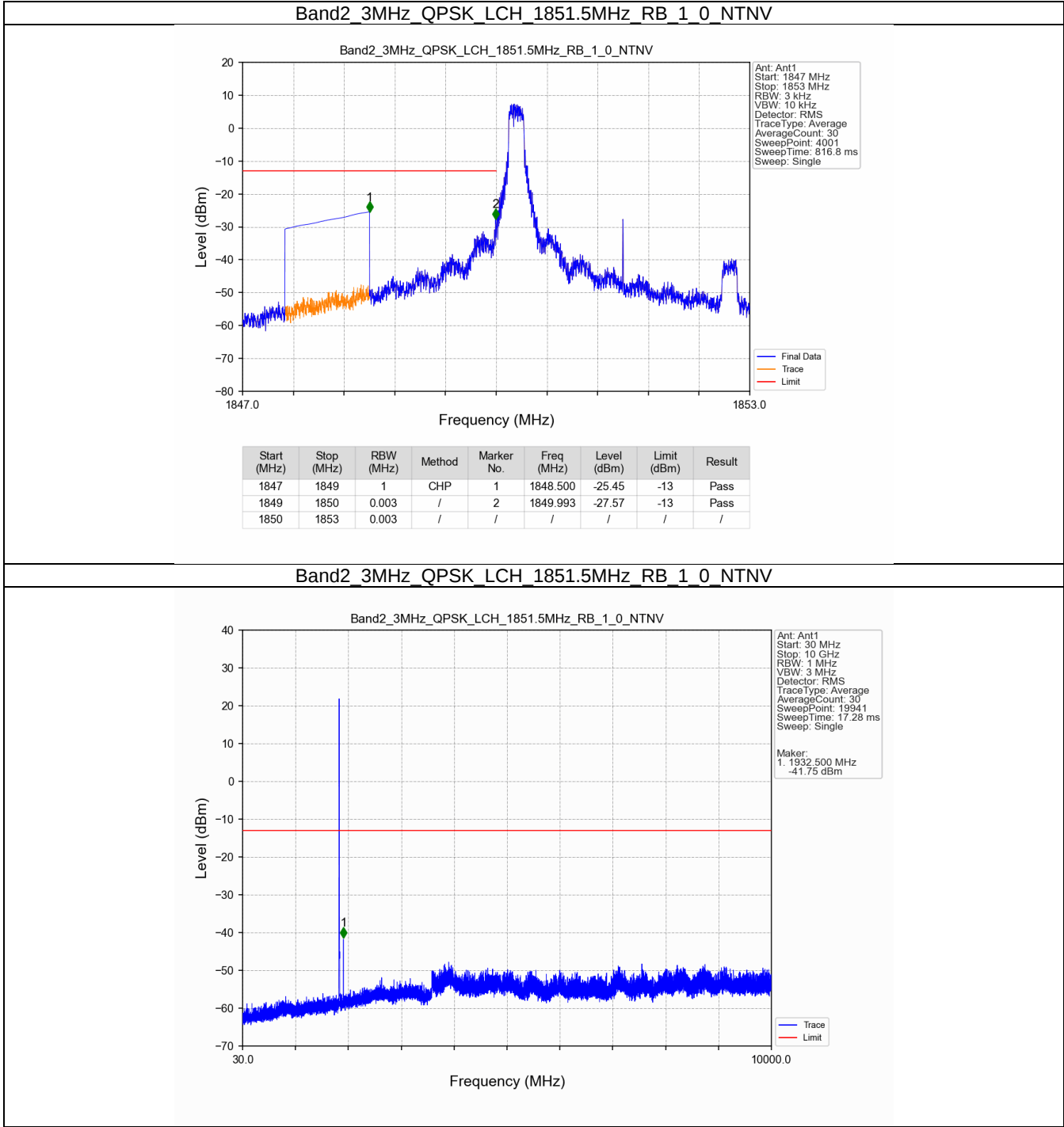
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.016   | -31.25      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.500   | -18.17      | -13         | Pass   |

### Band2 1.4MHz QPSK HCH 1909.3MHz RB 6 0\_NTNV

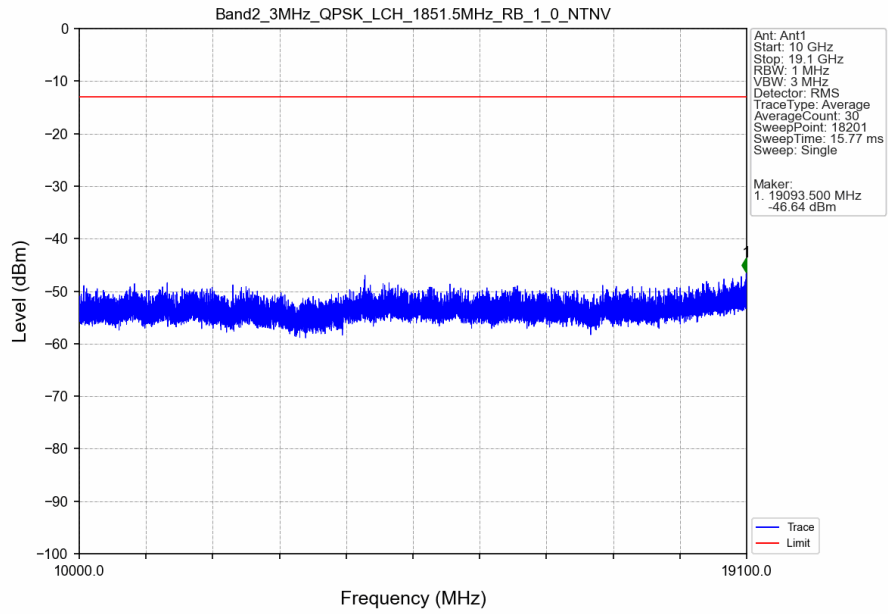


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.013     | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.013     | CHP    | 1          | 1910.010   | -26.76      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.500   | -26.94      | -13         | Pass   |

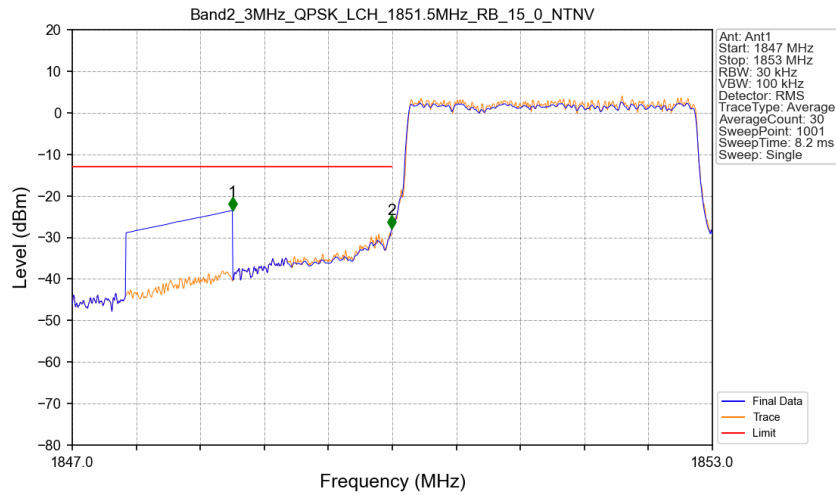
5.2.2 B2\_3MHz



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

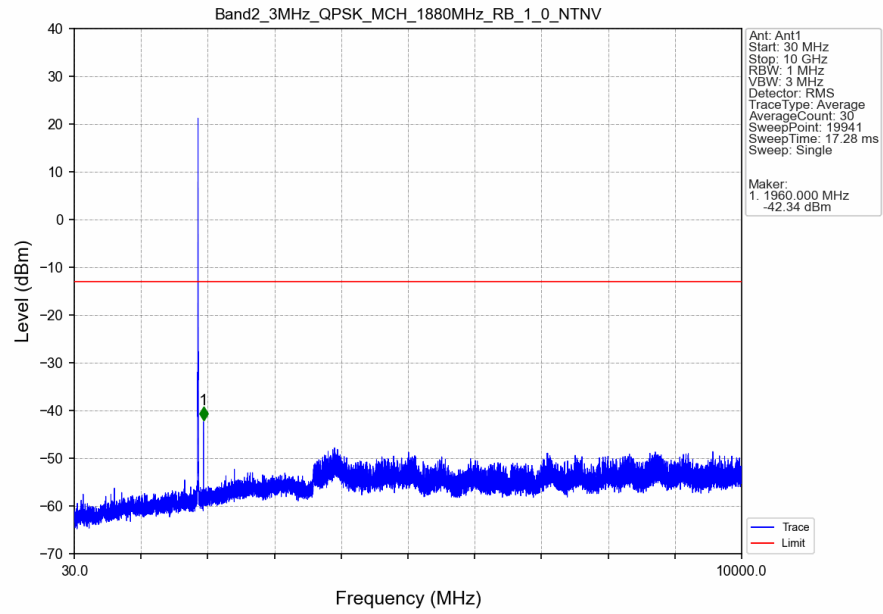


# Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

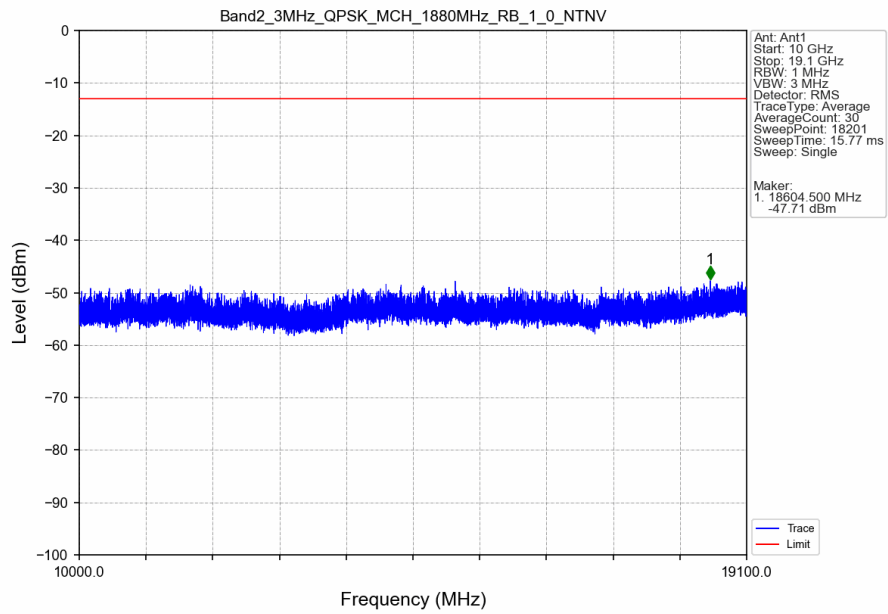


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -23.49      | -13         | Pass   |
| 1849        | 1850       | 0.031     | CHP    | 2          | 1849.994   | -27.92      | -13         | Pass   |
| 1850        | 1853       | 0.031     | CHP    | /          | /          | /           | /           | /      |

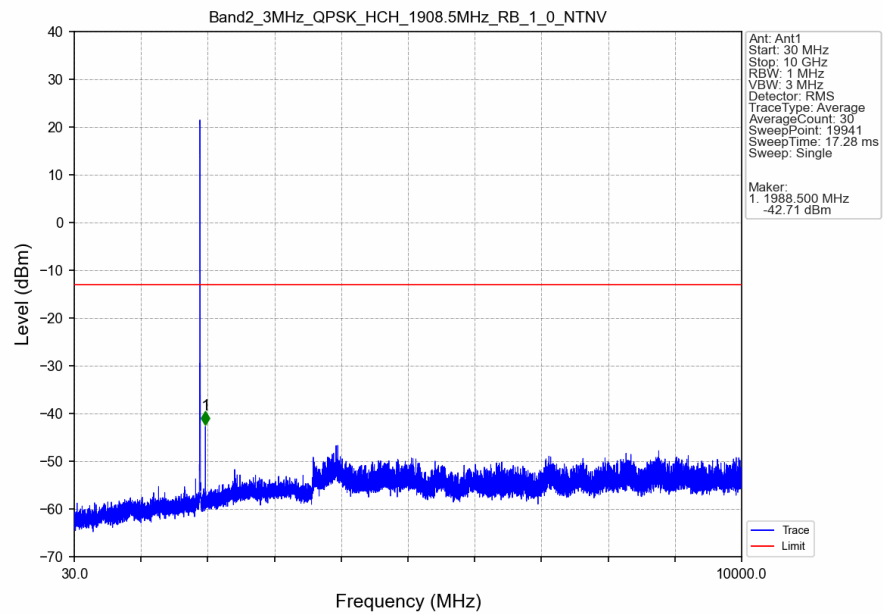
# Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



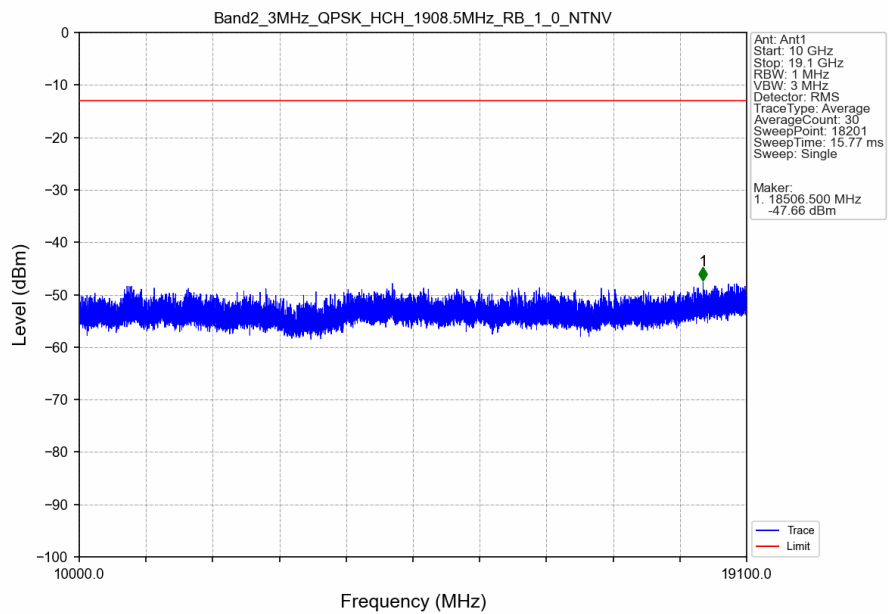
# Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



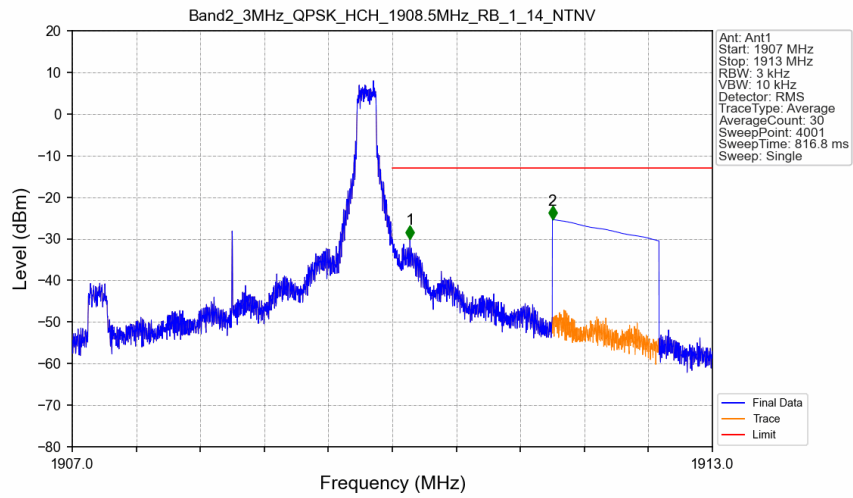
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



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

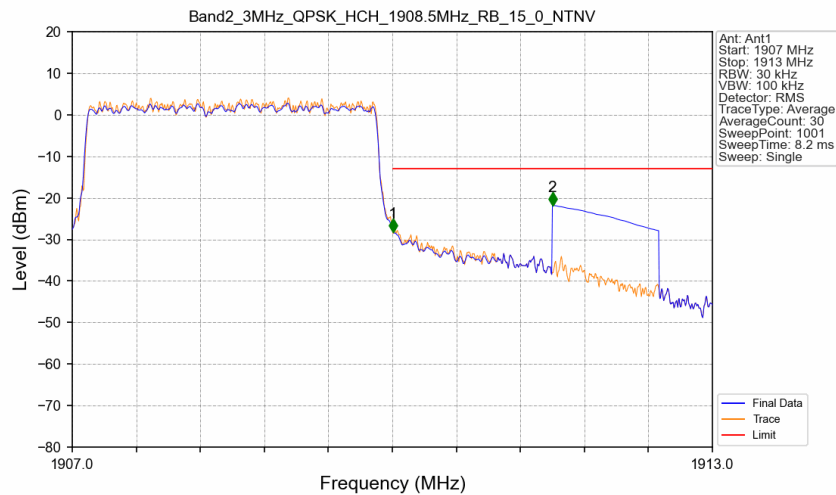


# Band2 3MHz QPSK HCH 1908.5MHz RB 1 14 NTV



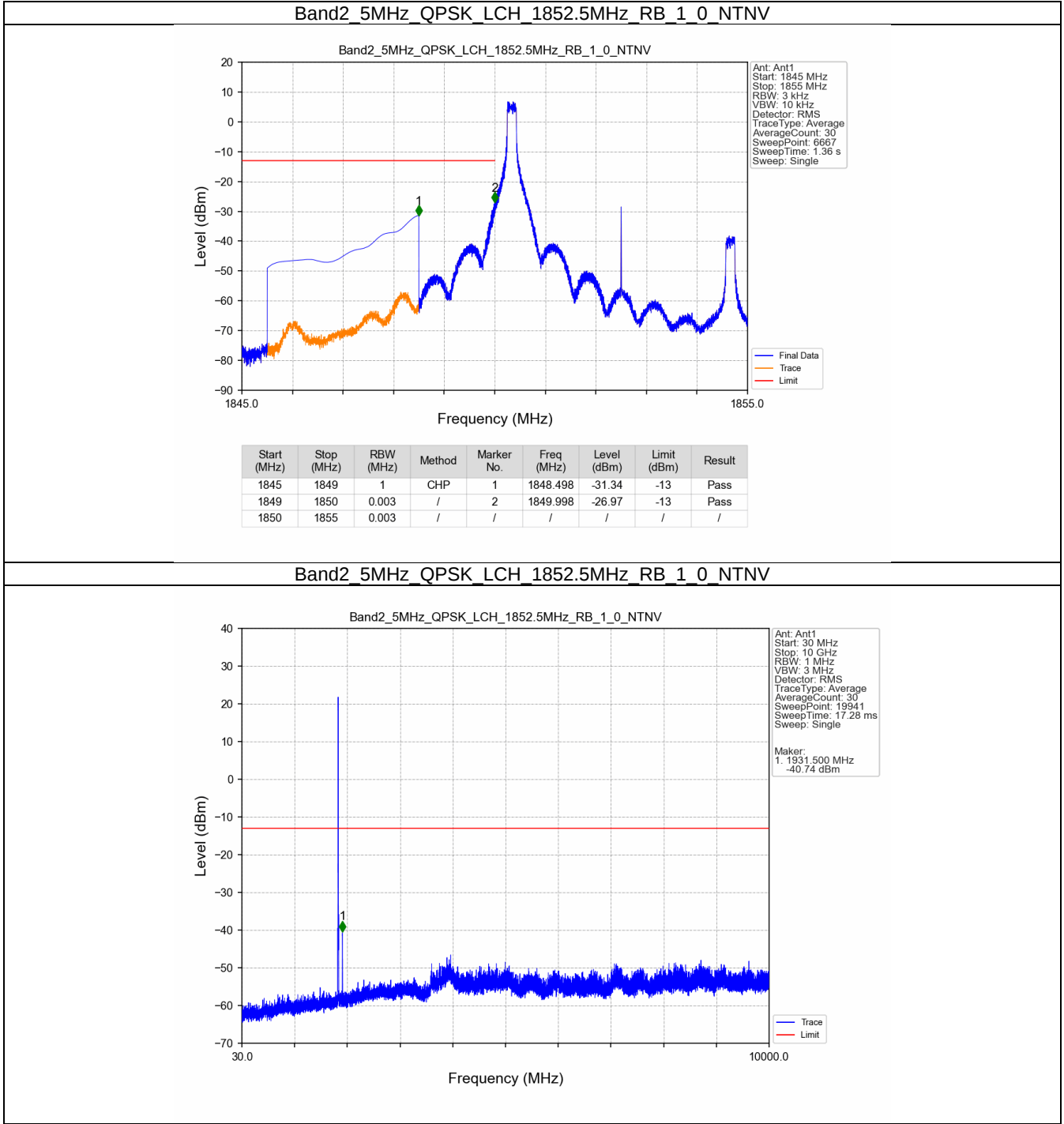
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.165   | -29.95      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.500   | -25.34      | -13         | Pass   |

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

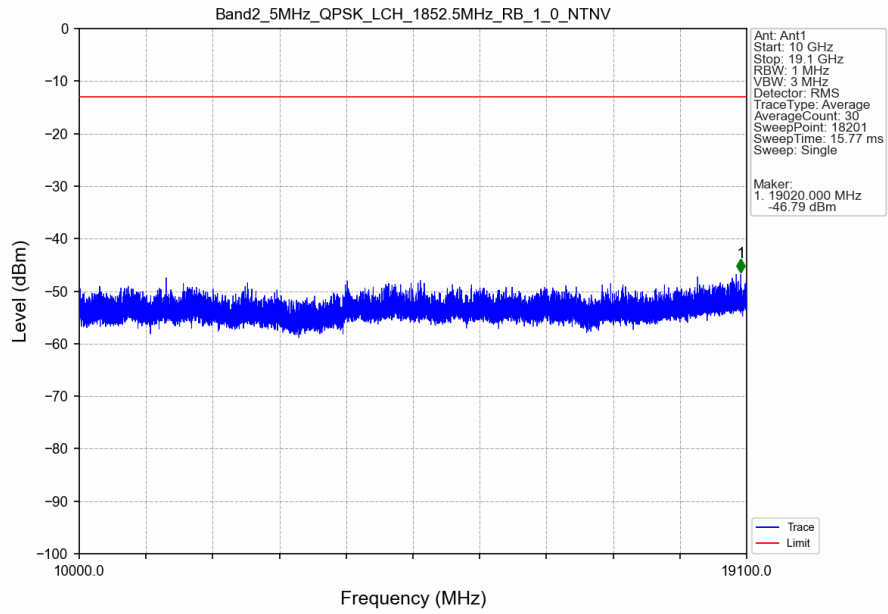


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1907        | 1910       | 0.031     | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.031     | CHP    | 1          | 1910.006   | -28.15      | -13         | Pass   |
| 1911        | 1913       | 1         | CHP    | 2          | 1911.500   | -21.78      | -13         | Pass   |

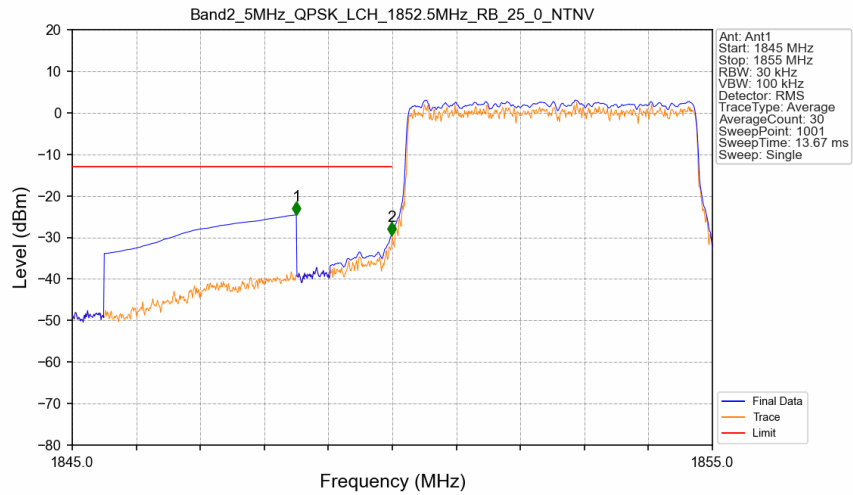
5.2.3 B2\_5MHz



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

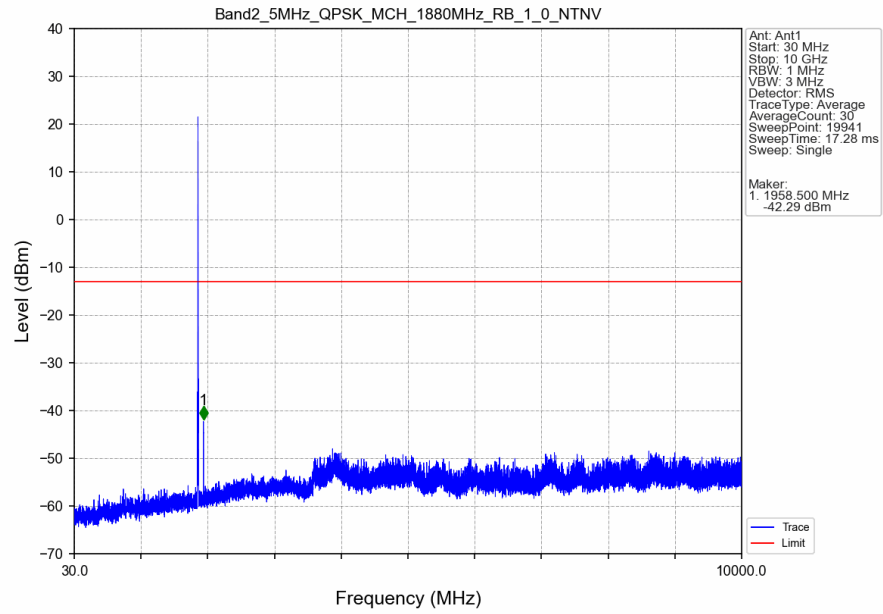


### Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

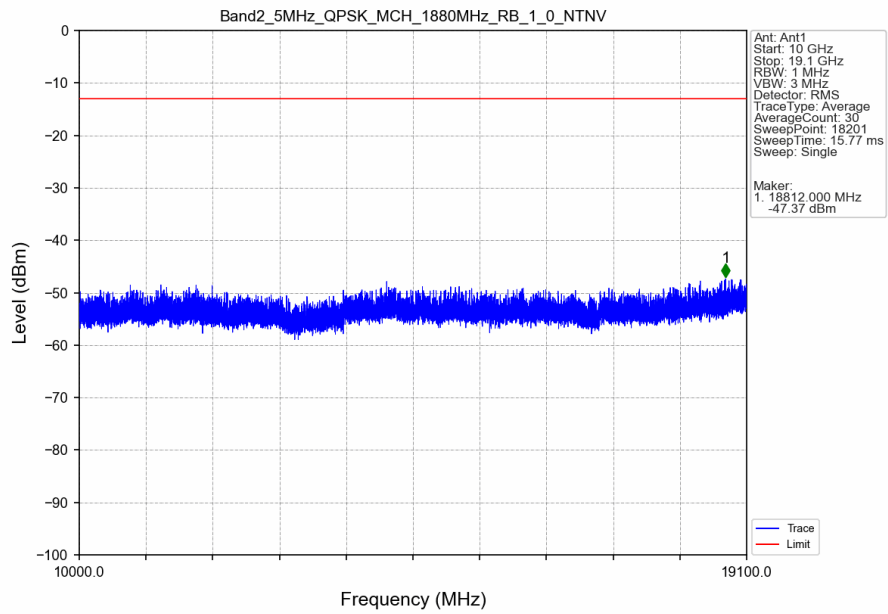


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1848.500   | -24.58      | -13         | Pass   |
| 1849        | 1850       | 0.051     | CHP    | 2          | 1849.990   | -29.52      | -13         | Pass   |
| 1850        | 1855       | 0.051     | CHP    | /          | /          | /           | /           | /      |

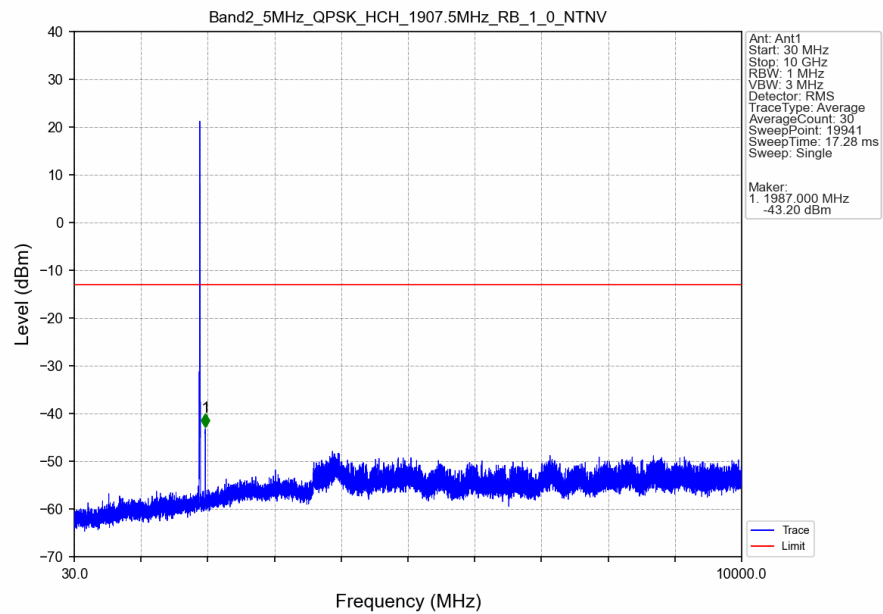
# Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



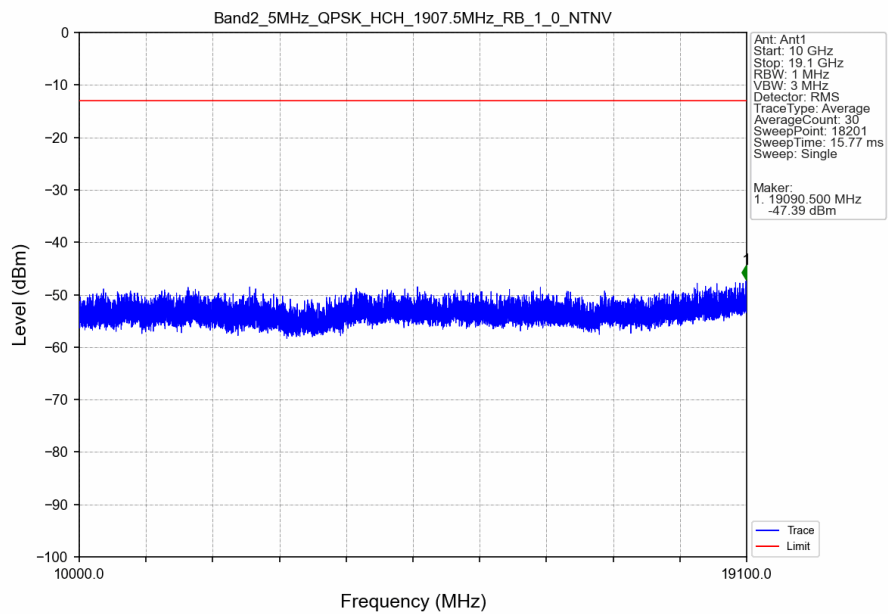
# Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



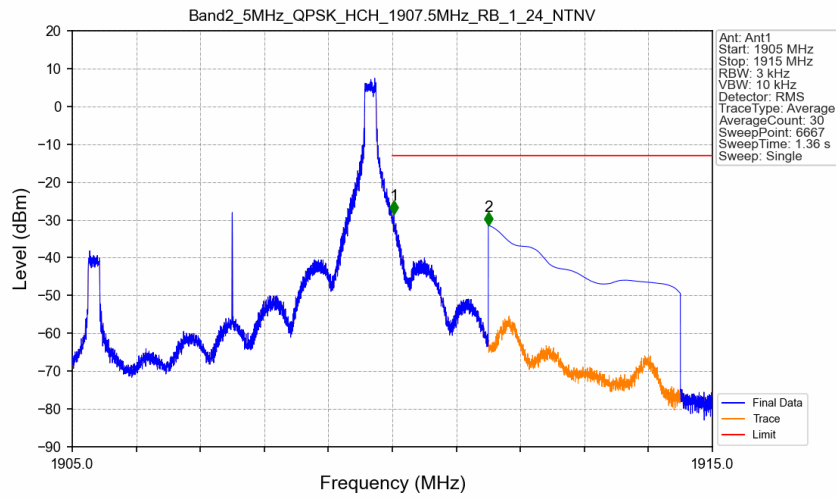
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



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

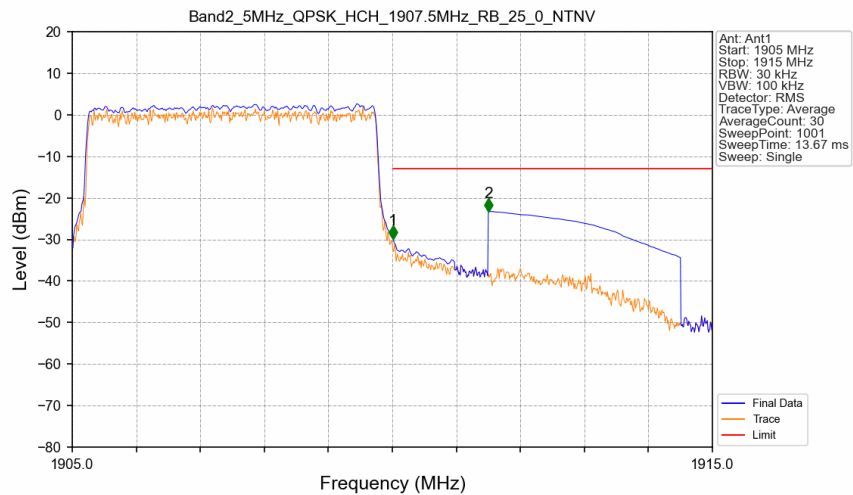


# Band2 5MHz QPSK HCH 1907.5MHz RB 1 24\_NTNV



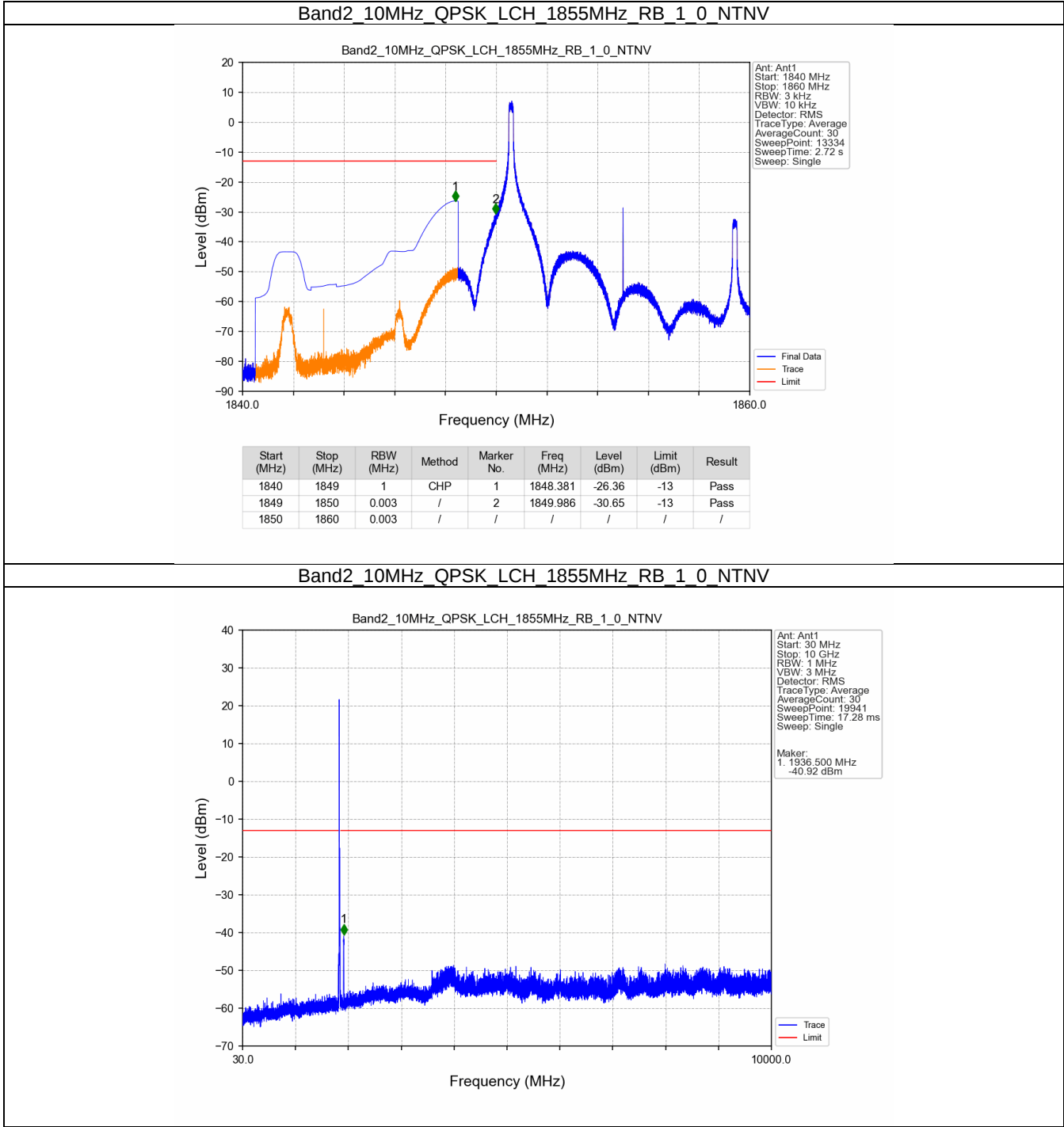
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.026   | -28.40      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.500   | -31.45      | -13         | Pass   |

# Band2 5MHz QPSK HCH 1907.5MHz RB 25 0\_NTNV

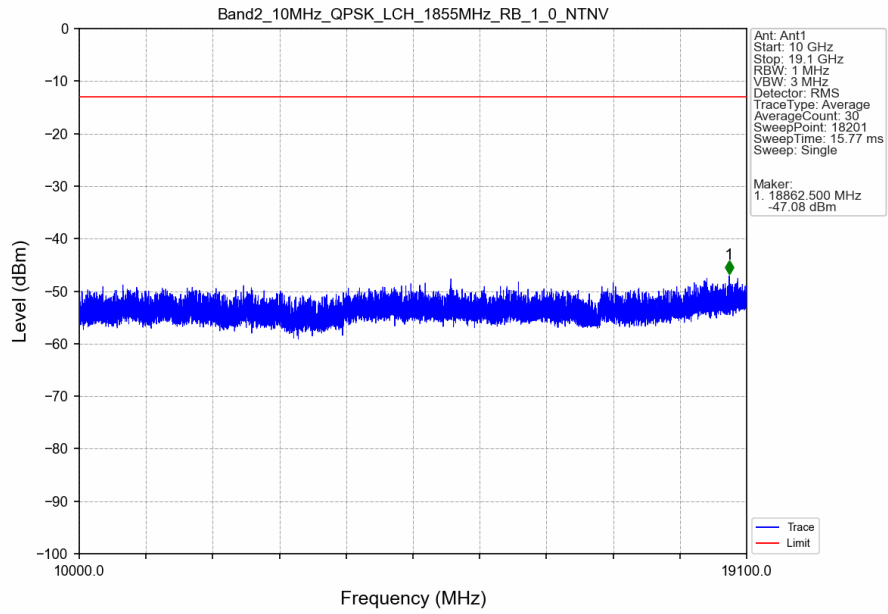


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1910       | 0.051     | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.051     | CHP    | 1          | 1910.010   | -29.83      | -13         | Pass   |
| 1911        | 1915       | 1         | CHP    | 2          | 1911.500   | -23.23      | -13         | Pass   |

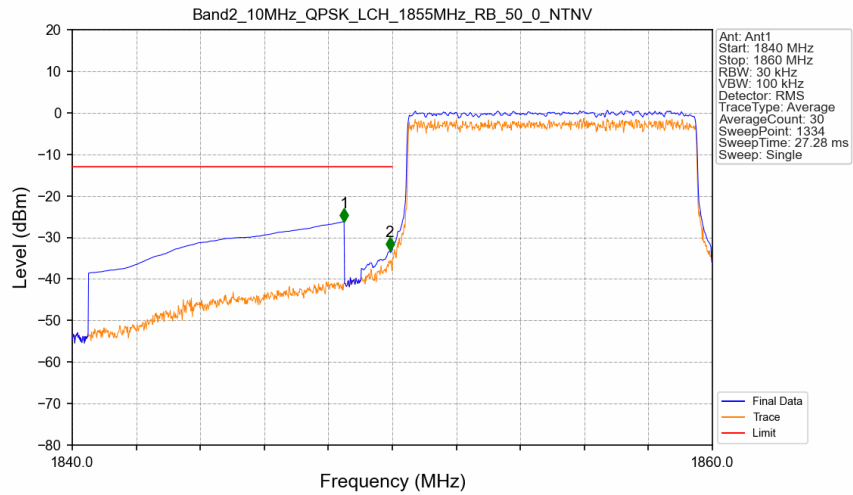
5.2.4 B2\_10MHz



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

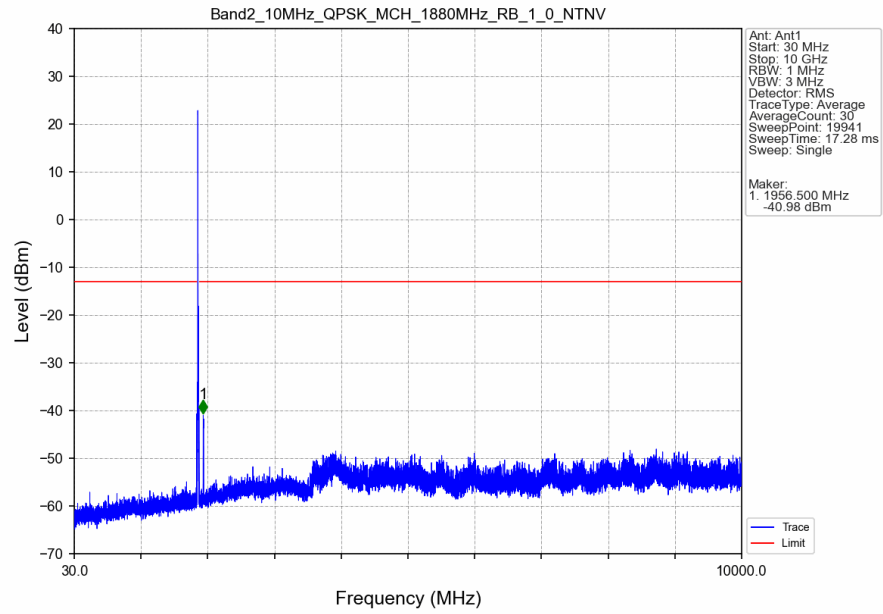


### Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV

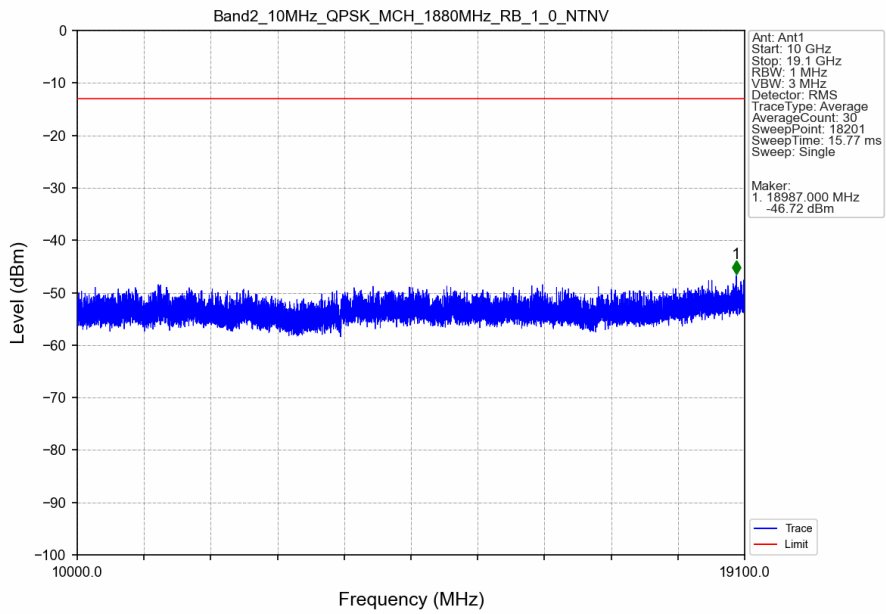


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1840        | 1849       | 1         | CHP    | 1          | 1848.492   | -26.24      | -13         | Pass   |
| 1849        | 1850       | 0.064     | CHP    | 2          | 1849.917   | -33.17      | -13         | Pass   |
| 1850        | 1860       | 0.064     | CHP    | /          | /          | /           | /           | /      |

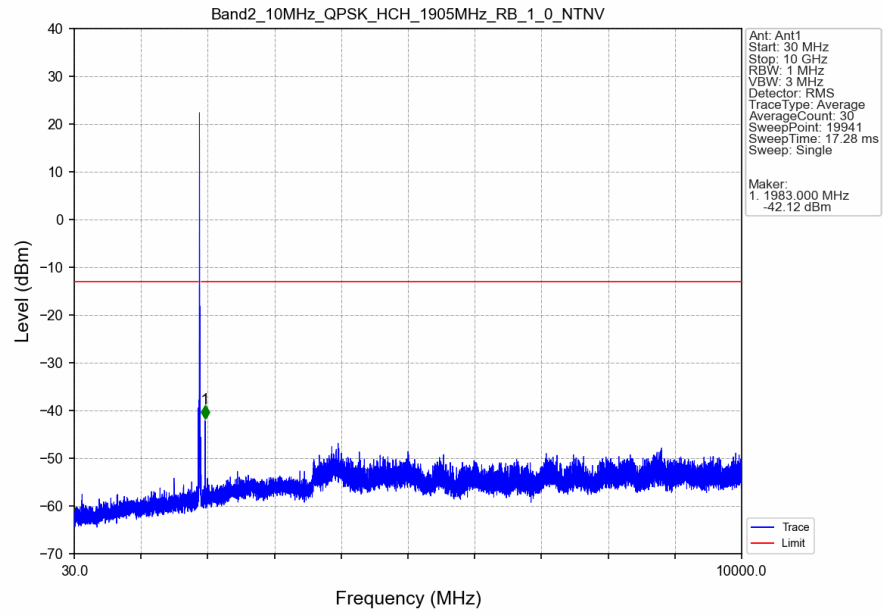
# Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



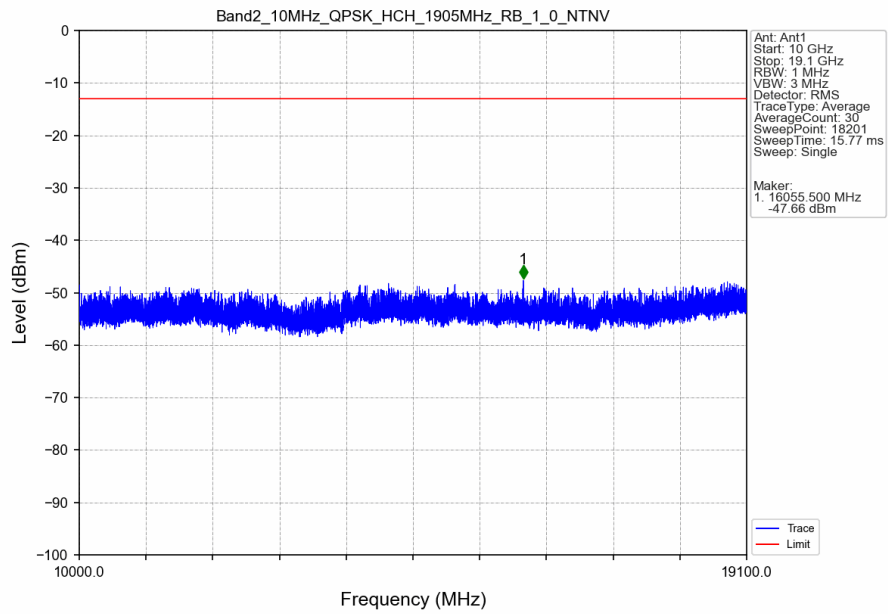
# Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



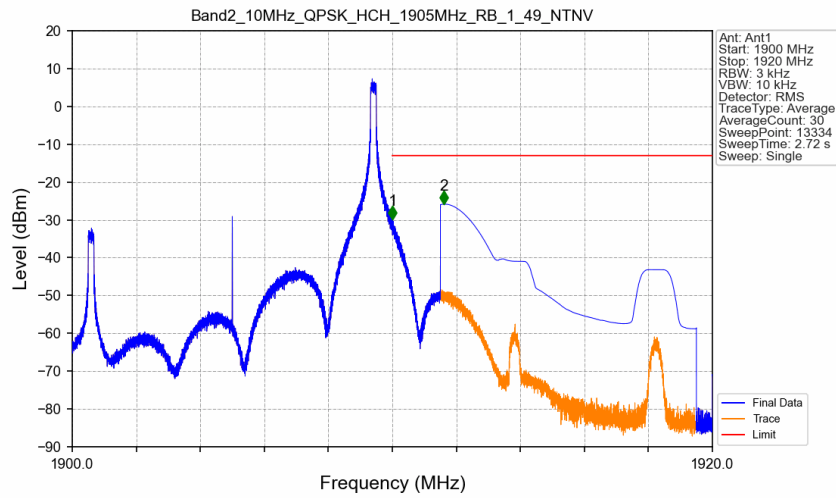
# Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



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

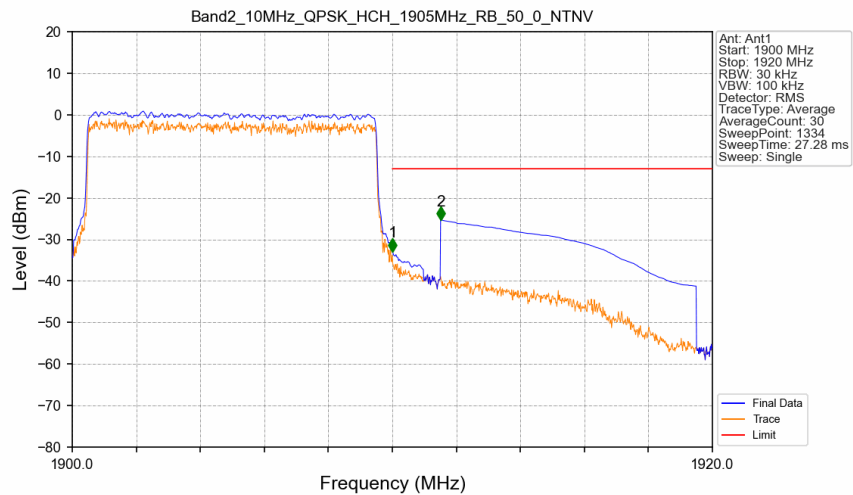


### Band2 10MHz QPSK HCH 1905MHz RB 1 49 NTNV



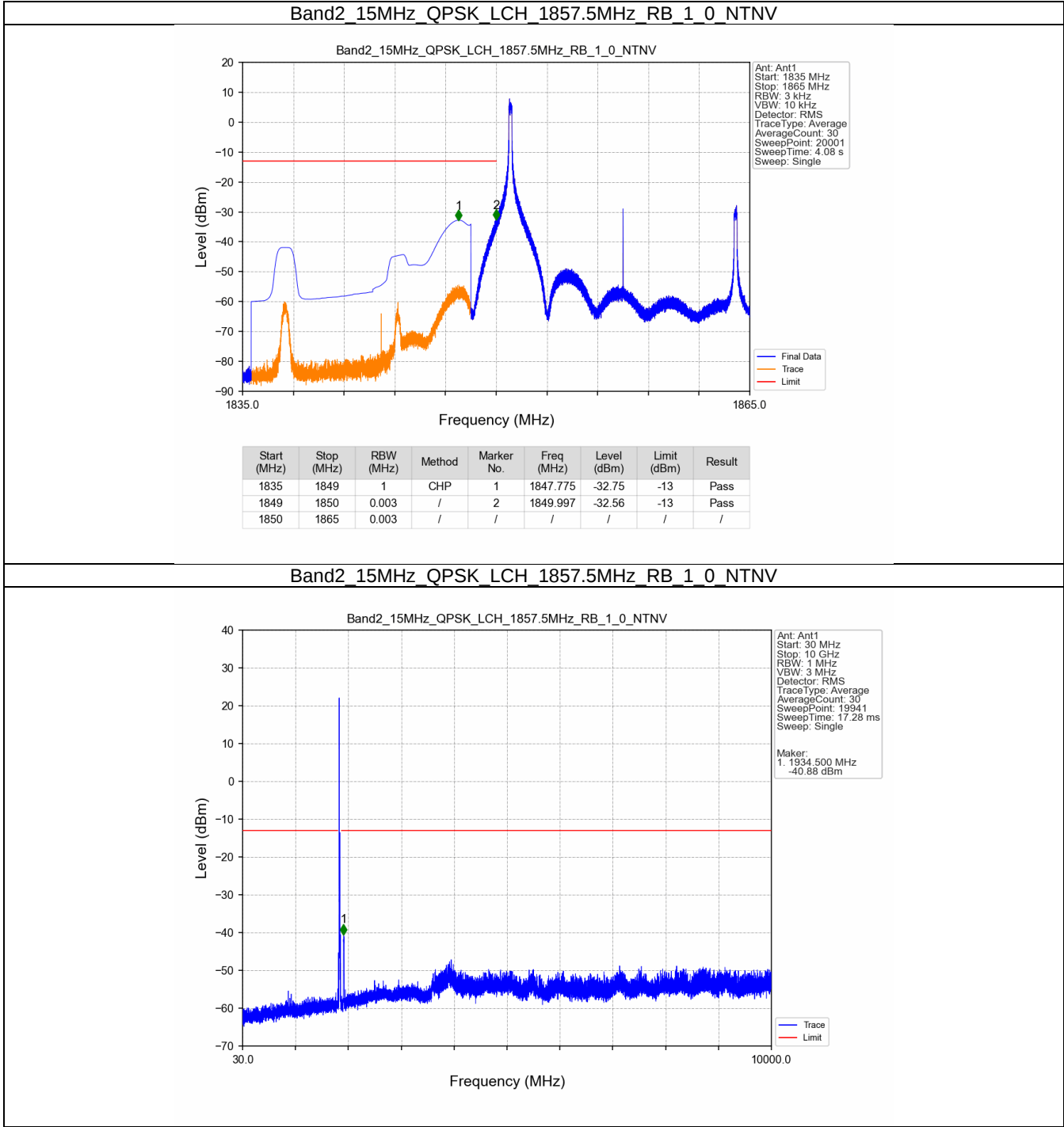
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1900        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.002   | -29.76      | -13         | Pass   |
| 1911        | 1920       | 1         | CHP    | 2          | 1911.612   | -25.84      | -13         | Pass   |

### Band2 10MHz QPSK HCH 1905MHz RB 50 0 NTNV

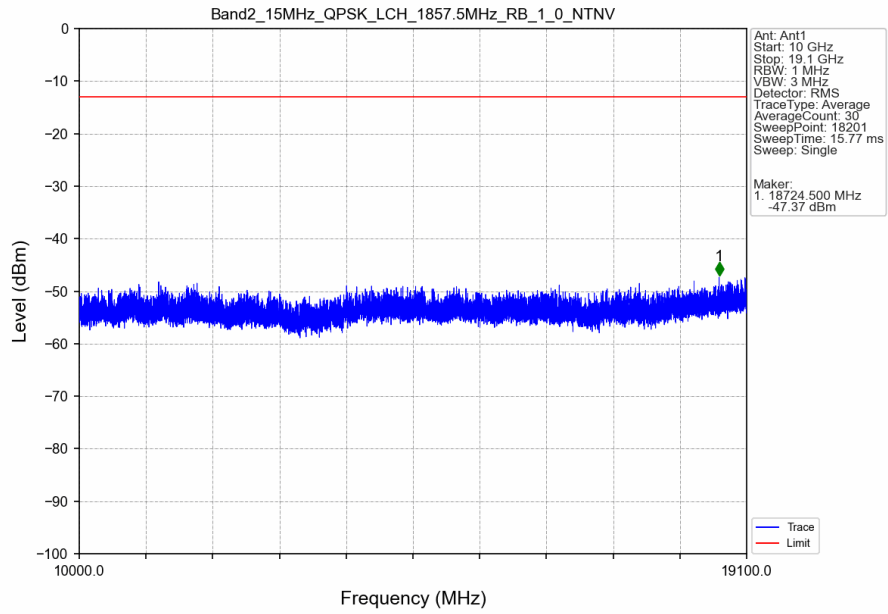


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1900        | 1910       | 0.064     | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.064     | CHP    | 1          | 1910.008   | -32.86      | -13         | Pass   |
| 1911        | 1920       | 1         | CHP    | 2          | 1911.508   | -25.29      | -13         | Pass   |

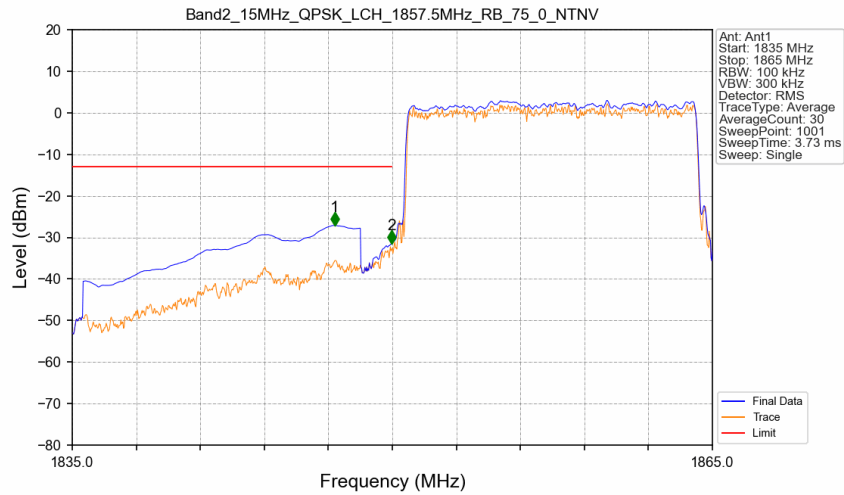
5.2.5 B2\_15MHz



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

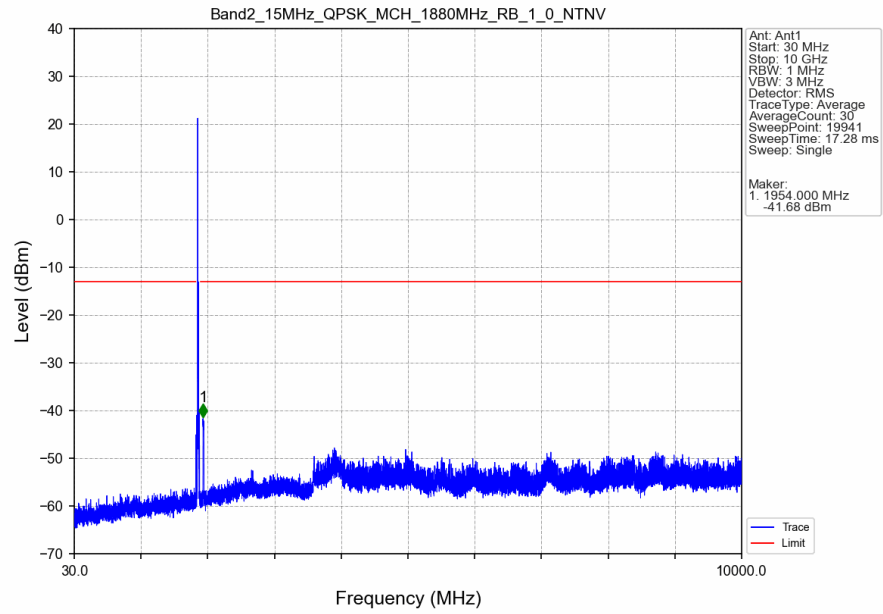


### Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

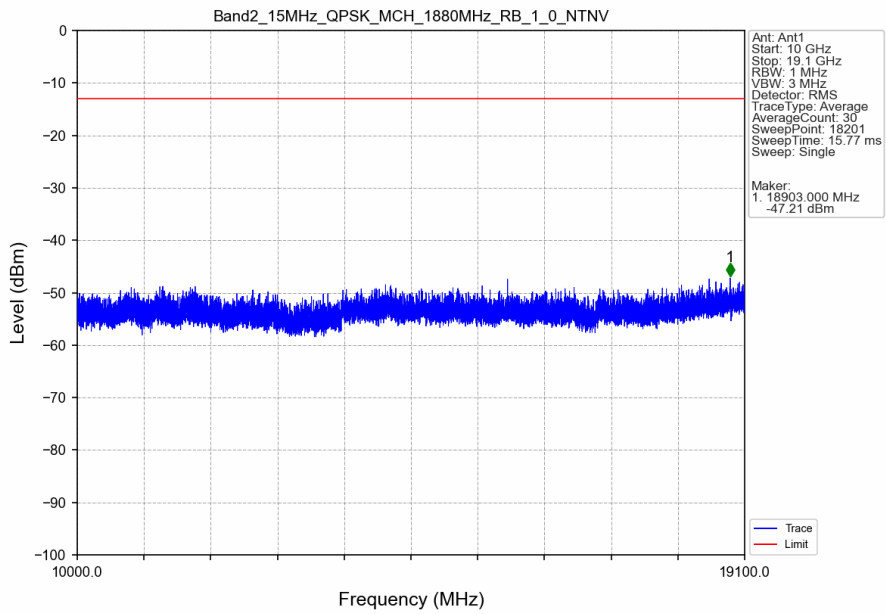


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1835        | 1849       | 1         | CHP    | 1          | 1847.300   | -27.12      | -13         | Pass   |
| 1849        | 1850       | 0.156     | CHP    | 2          | 1849.970   | -31.57      | -13         | Pass   |
| 1850        | 1865       | 0.156     | CHP    | /          | /          | /           | /           | /      |

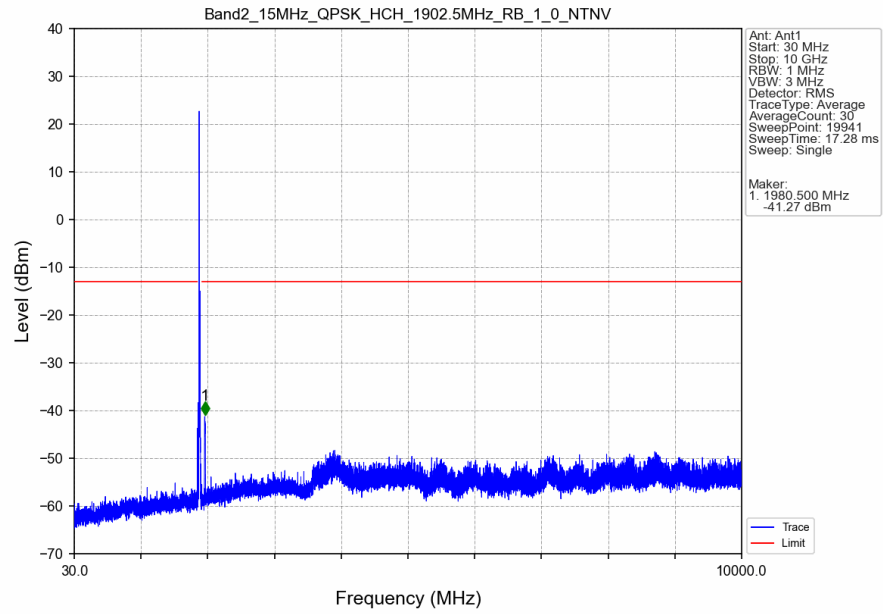
### Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



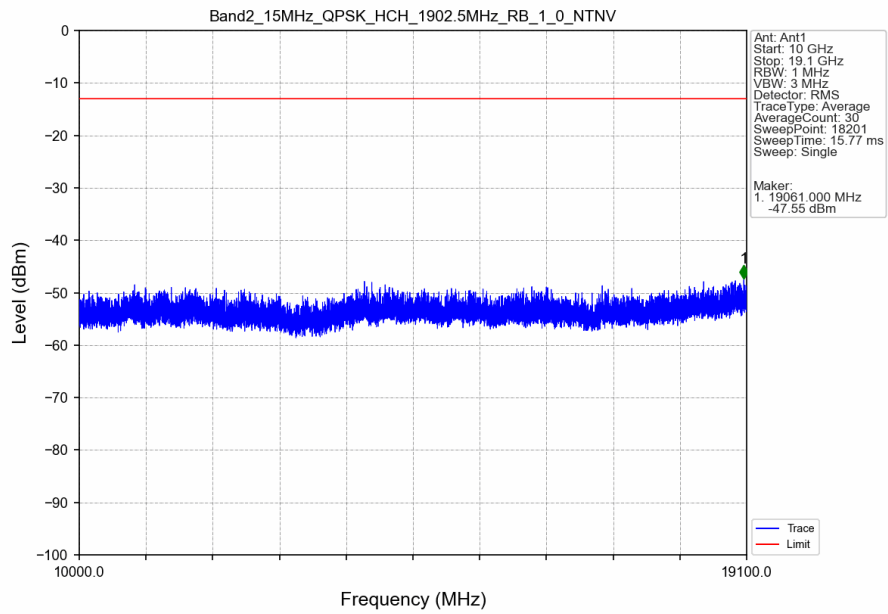
### Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



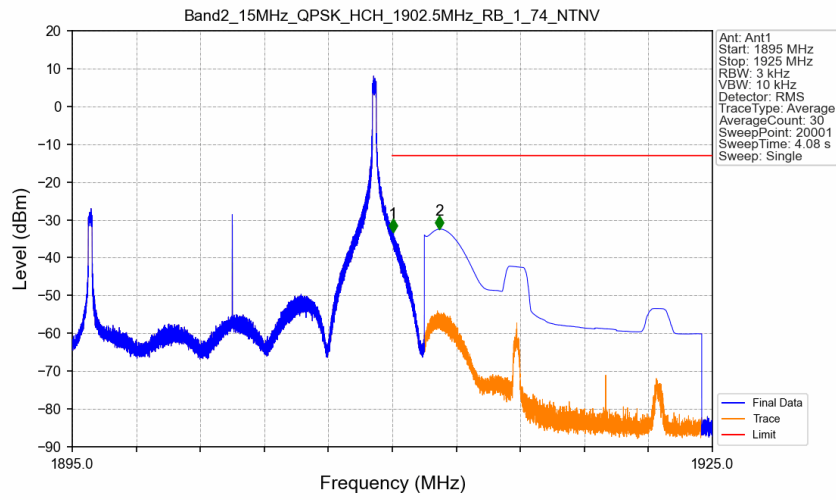
# Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



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

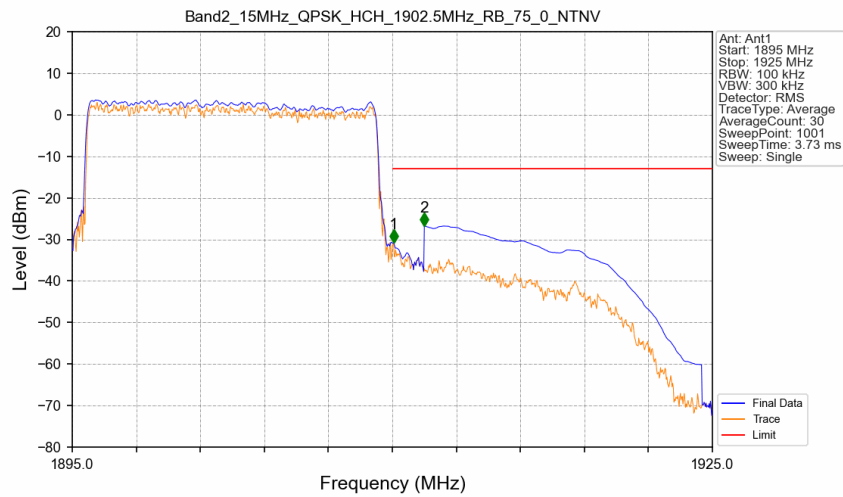


### Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_74\_NTNV



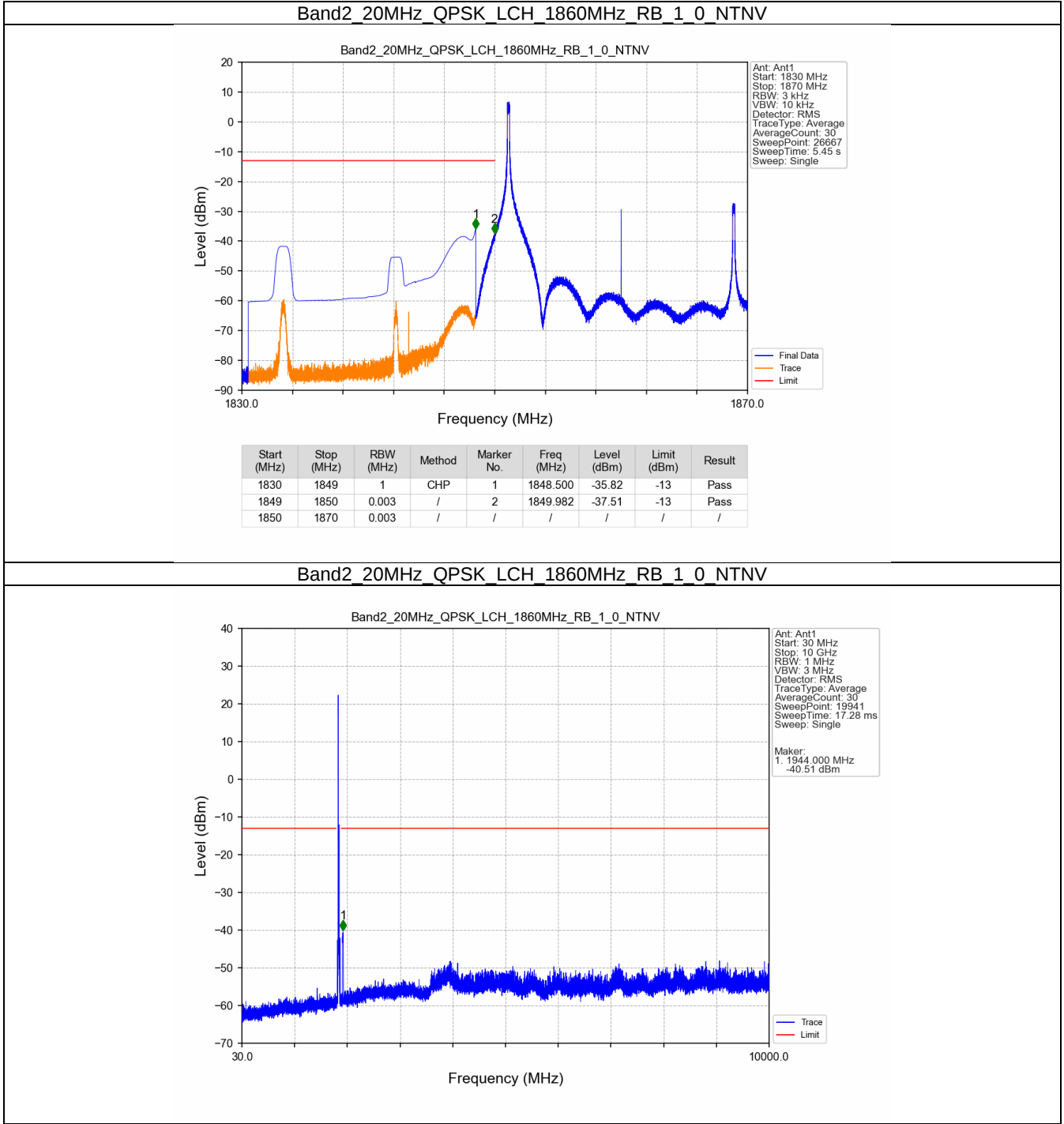
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1895        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.028   | -33.26      | -13         | Pass   |
| 1911        | 1925       | 1         | CHP    | 2          | 1912.216   | -32.44      | -13         | Pass   |

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

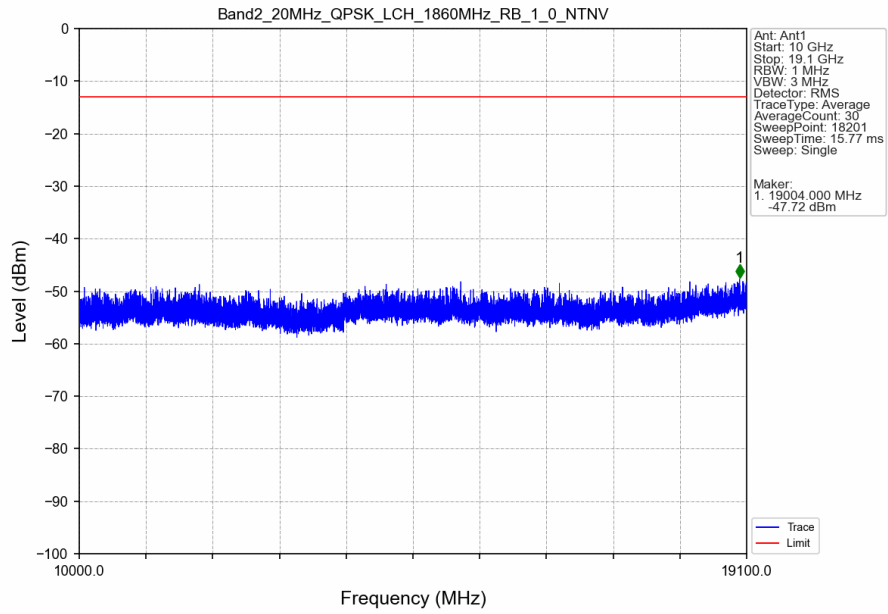


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1895        | 1910       | 0.156     | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.156     | CHP    | 1          | 1910.060   | -30.82      | -13         | Pass   |
| 1911        | 1925       | 1         | CHP    | 2          | 1911.500   | -26.78      | -13         | Pass   |

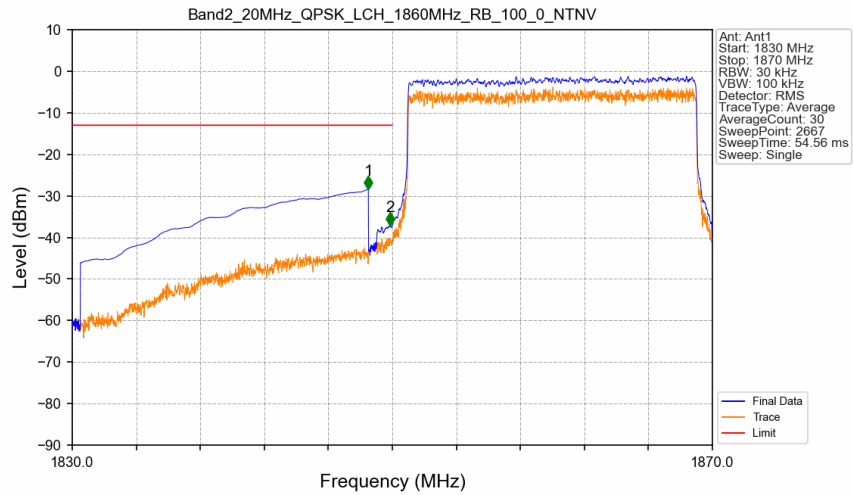
5.2.6 B2\_20MHz



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

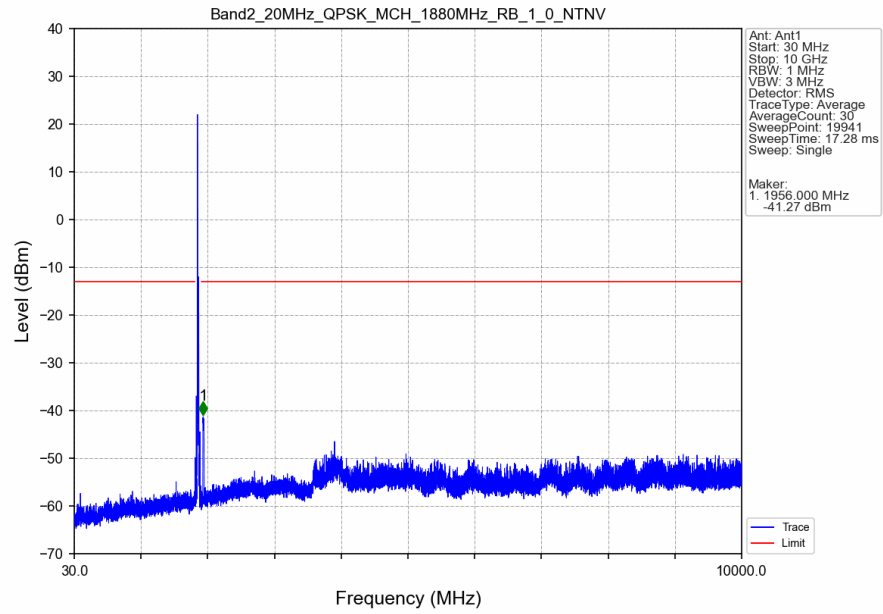


### Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV

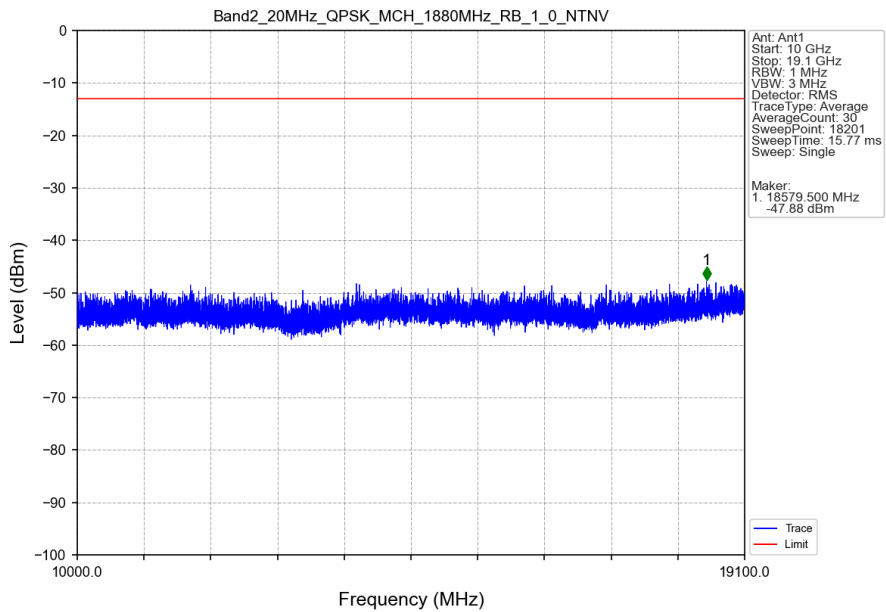


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1830        | 1849       | 1         | CHP    | 1          | 1848.500   | -28.36      | -13         | Pass   |
| 1849        | 1850       | 0.077     | CHP    | 2          | 1849.865   | -37.13      | -13         | Pass   |
| 1850        | 1870       | 0.077     | CHP    | /          | /          | /           | /           | /      |

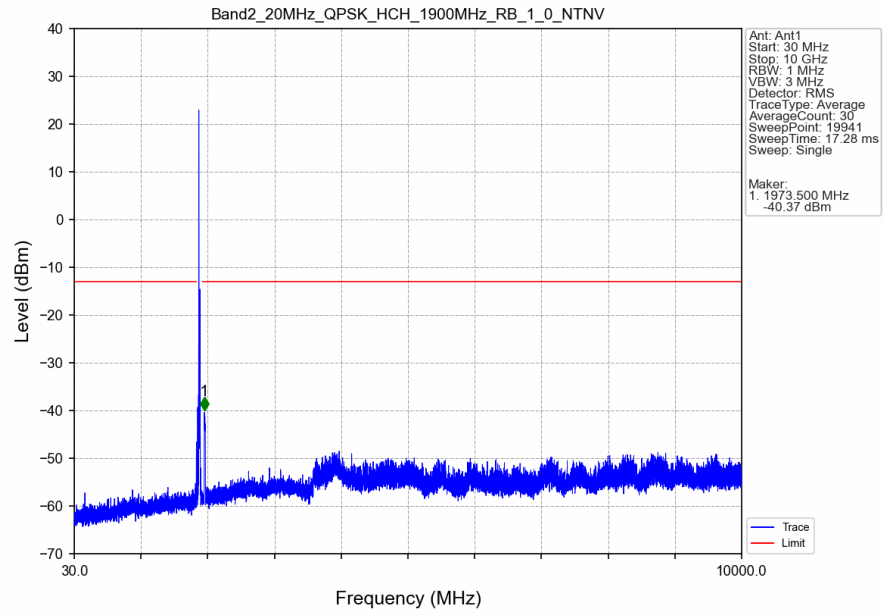
# Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



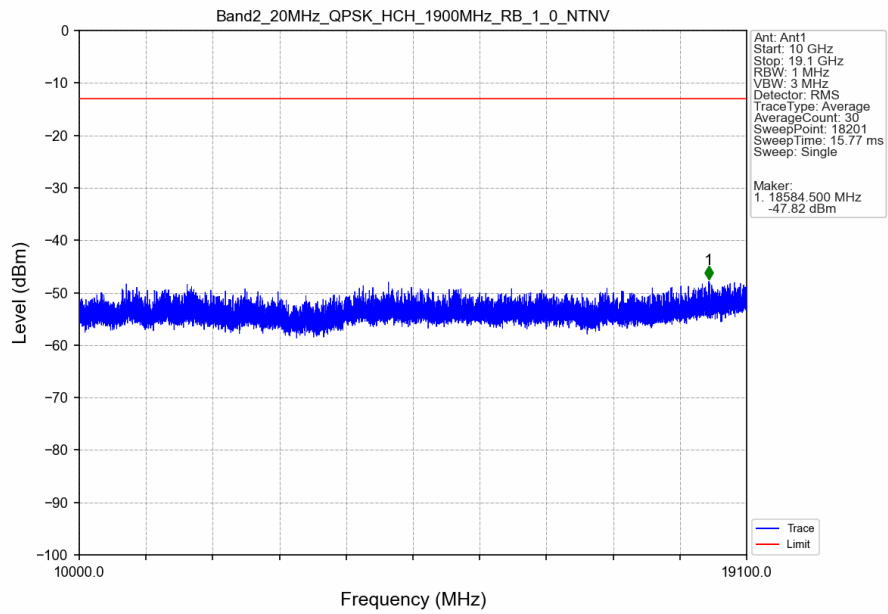
# Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



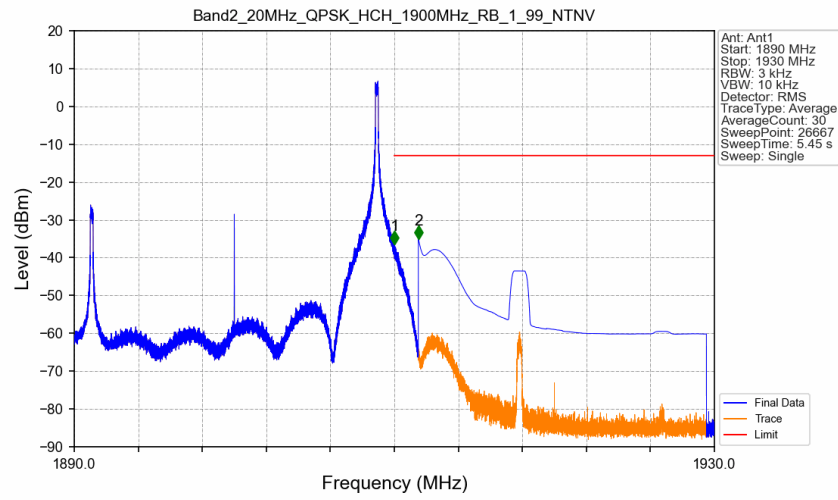
# Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_0\_NTNV



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

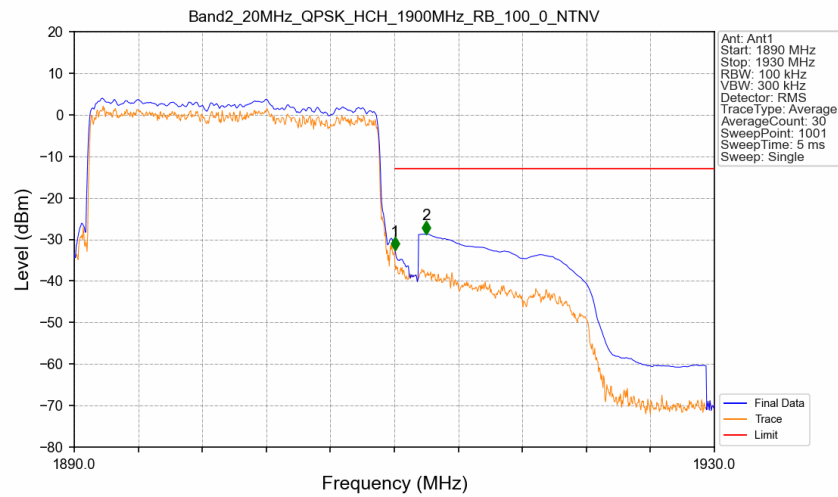


# Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_99\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1890        | 1910       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.003     | /      | 1          | 1910.015   | -36.46      | -13         | Pass   |
| 1911        | 1930       | 1         | CHP    | 2          | 1911.500   | -35.02      | -13         | Pass   |

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



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1890        | 1910       | 0.206     | CHP    | /          | /          | /           | /           | /      |
| 1910        | 1911       | 0.206     | CHP    | 1          | 1910.040   | -32.65      | -13         | Pass   |
| 1911        | 1930       | 1         | CHP    | 2          | 1912.000   | -28.67      | -13         | Pass   |