

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B25\_1.4MHz\_EIRP

### 1.1.1 Test Result

| Band: 25 / 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      | 24.47                 | 4.00       | 28.47      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 24.53                 | 4.00       | 28.53      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 24.46                 | 4.00       | 28.46      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 24.54                 | 4.00       | 28.54      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 24.58                 | 4.00       | 28.58      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 24.52                 | 4.00       | 28.52      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 23.56                 | 4.00       | 27.56      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 24.50                 | 4.00       | 28.50      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 24.62                 | 4.00       | 28.62      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 24.48                 | 4.00       | 28.48      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 24.56                 | 4.00       | 28.56      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 24.59                 | 4.00       | 28.59      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 24.59                 | 4.00       | 28.59      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 23.56                 | 4.00       | 27.56      | <=33.01 | Pass    |
|                                          | 1914.3          | 1             | 0      | 24.50                 | 4.00       | 28.50      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 24.58                 | 4.00       | 28.58      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 24.49                 | 4.00       | 28.49      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 24.60                 | 4.00       | 28.60      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 24.63                 | 4.00       | 28.63      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 24.57                 | 4.00       | 28.57      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 23.61                 | 4.00       | 27.61      | <=33.01 | Pass    |
| 16QAM                                    | 1850.7          | 1             | 0      | 23.61                 | 4.00       | 27.61      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 23.73                 | 4.00       | 27.73      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 23.61                 | 4.00       | 27.61      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 23.51                 | 4.00       | 27.51      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 23.52                 | 4.00       | 27.52      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 23.52                 | 4.00       | 27.52      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 22.55                 | 4.00       | 26.55      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 23.55                 | 4.00       | 27.55      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 23.60                 | 4.00       | 27.60      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 23.52                 | 4.00       | 27.52      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 23.62                 | 4.00       | 27.62      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 23.62                 | 4.00       | 27.62      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 23.62                 | 4.00       | 27.62      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 22.49                 | 4.00       | 26.49      | <=33.01 | Pass    |
|                                          | 1914.3          | 1             | 0      | 23.49                 | 4.00       | 27.49      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 23.59                 | 4.00       | 27.59      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 23.47                 | 4.00       | 27.47      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 23.72                 | 4.00       | 27.72      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 23.75                 | 4.00       | 27.75      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 23.71                 | 4.00       | 27.71      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 22.59                 | 4.00       | 26.59      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

## 1.2 B25\_3MHz\_EIRP

### 1.2.1 Test Result

| Band: 25 / Bandwidth: 3MHz / NTV         |                 |               |        |                       |            |            |         |         |
|------------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                               | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                          |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                                     | 1851.5          | 1             | 0      | 24.52                 | 4.00       | 28.52      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 24.62                 | 4.00       | 28.62      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 24.45                 | 4.00       | 28.45      | <=33.01 | Pass    |
|                                          |                 | 8             | 0      | 23.49                 | 4.00       | 27.49      | <=33.01 | Pass    |
|                                          |                 |               | 4      | 23.54                 | 4.00       | 27.54      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 23.47                 | 4.00       | 27.47      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 23.49                 | 4.00       | 27.49      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 24.57                 | 4.00       | 28.57      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 24.72                 | 4.00       | 28.72      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 24.48                 | 4.00       | 28.48      | <=33.01 | Pass    |
|                                          |                 | 8             | 0      | 23.60                 | 4.00       | 27.60      | <=33.01 | Pass    |
|                                          |                 |               | 4      | 23.62                 | 4.00       | 27.62      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 23.55                 | 4.00       | 27.55      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 23.55                 | 4.00       | 27.55      | <=33.01 | Pass    |
|                                          | 1913.5          | 1             | 0      | 24.60                 | 4.00       | 28.60      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 24.77                 | 4.00       | 28.77      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 24.60                 | 4.00       | 28.60      | <=33.01 | Pass    |
|                                          |                 | 8             | 0      | 23.59                 | 4.00       | 27.59      | <=33.01 | Pass    |
|                                          |                 |               | 4      | 23.64                 | 4.00       | 27.64      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 23.59                 | 4.00       | 27.59      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 23.57                 | 4.00       | 27.57      | <=33.01 | Pass    |
| 16QAM                                    | 1851.5          | 1             | 0      | 24.07                 | 4.00       | 28.07      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 24.19                 | 4.00       | 28.19      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 24.00                 | 4.00       | 28.00      | <=33.01 | Pass    |
|                                          |                 | 8             | 0      | 22.69                 | 4.00       | 26.69      | <=33.01 | Pass    |
|                                          |                 |               | 4      | 22.69                 | 4.00       | 26.69      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 22.64                 | 4.00       | 26.64      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 22.53                 | 4.00       | 26.53      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 23.74                 | 4.00       | 27.74      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 23.87                 | 4.00       | 27.87      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 23.65                 | 4.00       | 27.65      | <=33.01 | Pass    |
|                                          |                 | 8             | 0      | 22.56                 | 4.00       | 26.56      | <=33.01 | Pass    |
|                                          |                 |               | 4      | 22.59                 | 4.00       | 26.59      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 22.51                 | 4.00       | 26.51      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 22.50                 | 4.00       | 26.50      | <=33.01 | Pass    |
|                                          | 1913.5          | 1             | 0      | 23.57                 | 4.00       | 27.57      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 23.77                 | 4.00       | 27.77      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 23.56                 | 4.00       | 27.56      | <=33.01 | Pass    |
|                                          |                 | 8             | 0      | 22.62                 | 4.00       | 26.62      | <=33.01 | Pass    |
|                                          |                 |               | 4      | 22.70                 | 4.00       | 26.70      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 22.64                 | 4.00       | 26.64      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 22.61                 | 4.00       | 26.61      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

### 1.3 B25\_5MHz\_EIRP

#### 1.3.1 Test Result

| Band: 25 / Bandwidth: 5MHz / NTV         |                 |               |        |                       |            |            |         |         |
|------------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                               | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                          |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                                     | 1852.5          | 1             | 0      | 24.39                 | 4.00       | 28.39      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 24.54                 | 4.00       | 28.54      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 24.35                 | 4.00       | 28.35      | <=33.01 | Pass    |
|                                          |                 | 12            | 0      | 23.53                 | 4.00       | 27.53      | <=33.01 | Pass    |
|                                          |                 |               | 6      | 23.53                 | 4.00       | 27.53      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 23.45                 | 4.00       | 27.45      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 23.47                 | 4.00       | 27.47      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 24.53                 | 4.00       | 28.53      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 24.59                 | 4.00       | 28.59      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 24.39                 | 4.00       | 28.39      | <=33.01 | Pass    |
|                                          |                 | 12            | 0      | 23.60                 | 4.00       | 27.60      | <=33.01 | Pass    |
|                                          |                 |               | 6      | 23.59                 | 4.00       | 27.59      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 23.50                 | 4.00       | 27.50      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 23.56                 | 4.00       | 27.56      | <=33.01 | Pass    |
|                                          | 1912.5          | 1             | 0      | 24.42                 | 4.00       | 28.42      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 24.62                 | 4.00       | 28.62      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 24.48                 | 4.00       | 28.48      | <=33.01 | Pass    |
|                                          |                 | 12            | 0      | 23.53                 | 4.00       | 27.53      | <=33.01 | Pass    |
|                                          |                 |               | 6      | 23.63                 | 4.00       | 27.63      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 23.62                 | 4.00       | 27.62      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 23.56                 | 4.00       | 27.56      | <=33.01 | Pass    |
| 16QAM                                    | 1852.5          | 1             | 0      | 23.29                 | 4.00       | 27.29      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 23.40                 | 4.00       | 27.40      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 23.22                 | 4.00       | 27.22      | <=33.01 | Pass    |
|                                          |                 | 12            | 0      | 22.49                 | 4.00       | 26.49      | <=33.01 | Pass    |
|                                          |                 |               | 6      | 22.49                 | 4.00       | 26.49      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 22.44                 | 4.00       | 26.44      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 22.50                 | 4.00       | 26.50      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 23.75                 | 4.00       | 27.75      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 23.83                 | 4.00       | 27.83      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 23.66                 | 4.00       | 27.66      | <=33.01 | Pass    |
|                                          |                 | 12            | 0      | 22.56                 | 4.00       | 26.56      | <=33.01 | Pass    |
|                                          |                 |               | 6      | 22.61                 | 4.00       | 26.61      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 22.51                 | 4.00       | 26.51      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 22.52                 | 4.00       | 26.52      | <=33.01 | Pass    |
|                                          | 1912.5          | 1             | 0      | 23.53                 | 4.00       | 27.53      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 23.73                 | 4.00       | 27.73      | <=33.01 | Pass    |
|                                          |                 |               | 24     | 23.52                 | 4.00       | 27.52      | <=33.01 | Pass    |
|                                          |                 | 12            | 0      | 22.45                 | 4.00       | 26.45      | <=33.01 | Pass    |
|                                          |                 |               | 6      | 22.58                 | 4.00       | 26.58      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 22.58                 | 4.00       | 26.58      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 22.56                 | 4.00       | 26.56      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

## 1.4 B25\_10MHz\_EIRP

### 1.4.1 Test Result

| Band: 25 / Bandwidth: 10MHz / NTVN       |                 |               |        |                       |            |            |         |         |
|------------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                               | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                          |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                                     | 1855            | 1             | 0      | 24.47                 | 4.00       | 28.47      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 24.58                 | 4.00       | 28.58      | <=33.01 | Pass    |
|                                          |                 |               | 49     | 24.33                 | 4.00       | 28.33      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 23.57                 | 4.00       | 27.57      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 23.50                 | 4.00       | 27.50      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 23.52                 | 4.00       | 27.52      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 23.54                 | 4.00       | 27.54      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 24.54                 | 4.00       | 28.54      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 24.79                 | 4.00       | 28.79      | <=33.01 | Pass    |
|                                          |                 |               | 49     | 24.43                 | 4.00       | 28.43      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 23.69                 | 4.00       | 27.69      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 23.57                 | 4.00       | 27.57      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 23.49                 | 4.00       | 27.49      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 23.62                 | 4.00       | 27.62      | <=33.01 | Pass    |
|                                          | 1910            | 1             | 0      | 24.40                 | 4.00       | 28.40      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 24.69                 | 4.00       | 28.69      | <=33.01 | Pass    |
|                                          |                 |               | 49     | 24.54                 | 4.00       | 28.54      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 23.61                 | 4.00       | 27.61      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 23.52                 | 4.00       | 27.52      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 23.72                 | 4.00       | 27.72      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 23.69                 | 4.00       | 27.69      | <=33.01 | Pass    |
| 16QAM                                    | 1855            | 1             | 0      | 24.06                 | 4.00       | 28.06      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 24.16                 | 4.00       | 28.16      | <=33.01 | Pass    |
|                                          |                 |               | 49     | 23.97                 | 4.00       | 27.97      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 22.63                 | 4.00       | 26.63      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 22.53                 | 4.00       | 26.53      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 22.57                 | 4.00       | 26.57      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 22.60                 | 4.00       | 26.60      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 23.73                 | 4.00       | 27.73      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 23.85                 | 4.00       | 27.85      | <=33.01 | Pass    |
|                                          |                 |               | 49     | 23.49                 | 4.00       | 27.49      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 22.70                 | 4.00       | 26.70      | <=33.01 | Pass    |
|                                          |                 |               | 13     | 22.55                 | 4.00       | 26.55      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 22.47                 | 4.00       | 26.47      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 22.58                 | 4.00       | 26.58      | <=33.01 | Pass    |
|                                          | 1910            | 1             | 0      | 23.40                 | 4.00       | 27.40      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 23.67                 | 4.00       | 27.67      | <=33.01 | Pass    |
|                                          |                 |               | 49     | 23.52                 | 4.00       | 27.52      | <=33.01 | Pass    |
|                                          |                 | 25            | 0      | 22.66                 | 4.00       | 26.66      | <=33.01 | Pass    |
| 13                                       |                 |               | 22.61  | 4.00                  | 26.61      | <=33.01    | Pass    |         |
| 25                                       |                 |               | 22.76  | 4.00                  | 26.76      | <=33.01    | Pass    |         |
| 50                                       |                 | 0             | 22.69  | 4.00                  | 26.69      | <=33.01    | Pass    |         |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

## 1.5 B25\_15MHz\_EIRP

### 1.5.1 Test Result

| Band: 25 / 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      | 24.45                 | 4.00       | 28.45      | <=33.01 | Pass    |
|                                          |                 |               | 38     | 24.42                 | 4.00       | 28.42      | <=33.01 | Pass    |
|                                          |                 |               | 74     | 24.22                 | 4.00       | 28.22      | <=33.01 | Pass    |
|                                          |                 | 36            | 0      | 23.51                 | 4.00       | 27.51      | <=33.01 | Pass    |
|                                          |                 |               | 18     | 23.43                 | 4.00       | 27.43      | <=33.01 | Pass    |
|                                          |                 |               | 39     | 23.52                 | 4.00       | 27.52      | <=33.01 | Pass    |
|                                          |                 | 75            | 0      | 23.50                 | 4.00       | 27.50      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 24.49                 | 4.00       | 28.49      | <=33.01 | Pass    |
|                                          |                 |               | 38     | 24.56                 | 4.00       | 28.56      | <=33.01 | Pass    |
|                                          |                 |               | 74     | 24.30                 | 4.00       | 28.30      | <=33.01 | Pass    |
|                                          |                 | 36            | 0      | 23.76                 | 4.00       | 27.76      | <=33.01 | Pass    |
|                                          |                 |               | 18     | 23.61                 | 4.00       | 27.61      | <=33.01 | Pass    |
|                                          |                 |               | 39     | 23.49                 | 4.00       | 27.49      | <=33.01 | Pass    |
|                                          |                 | 75            | 0      | 23.64                 | 4.00       | 27.64      | <=33.01 | Pass    |
|                                          | 1907.5          | 1             | 0      | 24.22                 | 4.00       | 28.22      | <=33.01 | Pass    |
|                                          |                 |               | 38     | 24.44                 | 4.00       | 28.44      | <=33.01 | Pass    |
|                                          |                 |               | 74     | 24.52                 | 4.00       | 28.52      | <=33.01 | Pass    |
|                                          |                 | 36            | 0      | 23.52                 | 4.00       | 27.52      | <=33.01 | Pass    |
|                                          |                 |               | 18     | 23.53                 | 4.00       | 27.53      | <=33.01 | Pass    |
|                                          |                 |               | 39     | 23.67                 | 4.00       | 27.67      | <=33.01 | Pass    |
|                                          |                 | 75            | 0      | 23.60                 | 4.00       | 27.60      | <=33.01 | Pass    |
| 16QAM                                    | 1857.5          | 1             | 0      | 23.97                 | 4.00       | 27.97      | <=33.01 | Pass    |
|                                          |                 |               | 38     | 23.95                 | 4.00       | 27.95      | <=33.01 | Pass    |
|                                          |                 |               | 74     | 23.84                 | 4.00       | 27.84      | <=33.01 | Pass    |
|                                          |                 | 36            | 0      | 22.49                 | 4.00       | 26.49      | <=33.01 | Pass    |
|                                          |                 |               | 18     | 22.45                 | 4.00       | 26.45      | <=33.01 | Pass    |
|                                          |                 |               | 39     | 22.56                 | 4.00       | 26.56      | <=33.01 | Pass    |
|                                          |                 | 75            | 0      | 22.46                 | 4.00       | 26.46      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 23.70                 | 4.00       | 27.70      | <=33.01 | Pass    |
|                                          |                 |               | 38     | 23.71                 | 4.00       | 27.71      | <=33.01 | Pass    |
|                                          |                 |               | 74     | 23.47                 | 4.00       | 27.47      | <=33.01 | Pass    |
|                                          |                 | 36            | 0      | 22.72                 | 4.00       | 26.72      | <=33.01 | Pass    |
|                                          |                 |               | 18     | 22.57                 | 4.00       | 26.57      | <=33.01 | Pass    |
|                                          |                 |               | 39     | 22.47                 | 4.00       | 26.47      | <=33.01 | Pass    |
|                                          |                 | 75            | 0      | 22.60                 | 4.00       | 26.60      | <=33.01 | Pass    |
|                                          | 1907.5          | 1             | 0      | 23.58                 | 4.00       | 27.58      | <=33.01 | Pass    |
|                                          |                 |               | 38     | 23.83                 | 4.00       | 27.83      | <=33.01 | Pass    |
|                                          |                 |               | 74     | 23.80                 | 4.00       | 27.80      | <=33.01 | Pass    |
|                                          |                 | 36            | 0      | 22.54                 | 4.00       | 26.54      | <=33.01 | Pass    |
|                                          |                 |               | 18     | 22.49                 | 4.00       | 26.49      | <=33.01 | Pass    |
|                                          |                 |               | 39     | 22.66                 | 4.00       | 26.66      | <=33.01 | Pass    |
|                                          |                 | 75            | 0      | 22.56                 | 4.00       | 26.56      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

## 1.6 B25\_20MHz\_EIRP

### 1.6.1 Test Result

| Band: 25 / Bandwidth: 20MHz / NTVN       |                 |               |        |                       |            |            |         |         |
|------------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                               | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                          |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                                     | 1860            | 1             | 0      | 24.35                 | 4.00       | 28.35      | <=33.01 | Pass    |
|                                          |                 |               | 50     | 24.54                 | 4.00       | 28.54      | <=33.01 | Pass    |
|                                          |                 |               | 99     | 24.29                 | 4.00       | 28.29      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 23.38                 | 4.00       | 27.38      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 23.42                 | 4.00       | 27.42      | <=33.01 | Pass    |
|                                          |                 |               | 50     | 23.62                 | 4.00       | 27.62      | <=33.01 | Pass    |
|                                          |                 | 100           | 0      | 23.49                 | 4.00       | 27.49      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 24.44                 | 4.00       | 28.44      | <=33.01 | Pass    |
|                                          |                 |               | 50     | 24.72                 | 4.00       | 28.72      | <=33.01 | Pass    |
|                                          |                 |               | 99     | 24.22                 | 4.00       | 28.22      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 23.82                 | 4.00       | 27.82      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 23.59                 | 4.00       | 27.59      | <=33.01 | Pass    |
|                                          |                 |               | 50     | 23.44                 | 4.00       | 27.44      | <=33.01 | Pass    |
|                                          |                 | 100           | 0      | 23.66                 | 4.00       | 27.66      | <=33.01 | Pass    |
|                                          | 1905            | 1             | 0      | 24.17                 | 4.00       | 28.17      | <=33.01 | Pass    |
|                                          |                 |               | 50     | 24.54                 | 4.00       | 28.54      | <=33.01 | Pass    |
|                                          |                 |               | 99     | 24.39                 | 4.00       | 28.39      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 23.44                 | 4.00       | 27.44      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 23.37                 | 4.00       | 27.37      | <=33.01 | Pass    |
|                                          |                 |               | 50     | 23.44                 | 4.00       | 27.44      | <=33.01 | Pass    |
|                                          |                 | 100           | 0      | 23.45                 | 4.00       | 27.45      | <=33.01 | Pass    |
| 16QAM                                    | 1860            | 1             | 0      | 23.65                 | 4.00       | 27.65      | <=33.01 | Pass    |
|                                          |                 |               | 50     | 23.81                 | 4.00       | 27.81      | <=33.01 | Pass    |
|                                          |                 |               | 99     | 23.56                 | 4.00       | 27.56      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 22.35                 | 4.00       | 26.35      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 22.39                 | 4.00       | 26.39      | <=33.01 | Pass    |
|                                          |                 |               | 50     | 22.57                 | 4.00       | 26.57      | <=33.01 | Pass    |
|                                          |                 | 100           | 0      | 22.46                 | 4.00       | 26.46      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 23.65                 | 4.00       | 27.65      | <=33.01 | Pass    |
|                                          |                 |               | 50     | 23.90                 | 4.00       | 27.90      | <=33.01 | Pass    |
|                                          |                 |               | 99     | 23.41                 | 4.00       | 27.41      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 22.82                 | 4.00       | 26.82      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 22.56                 | 4.00       | 26.56      | <=33.01 | Pass    |
|                                          |                 |               | 50     | 22.43                 | 4.00       | 26.43      | <=33.01 | Pass    |
|                                          |                 | 100           | 0      | 22.67                 | 4.00       | 26.67      | <=33.01 | Pass    |
|                                          | 1905            | 1             | 0      | 23.71                 | 4.00       | 27.71      | <=33.01 | Pass    |
|                                          |                 |               | 50     | 24.09                 | 4.00       | 28.09      | <=33.01 | Pass    |
|                                          |                 |               | 99     | 23.91                 | 4.00       | 27.91      | <=33.01 | Pass    |
|                                          |                 | 50            | 0      | 22.47                 | 4.00       | 26.47      | <=33.01 | Pass    |
|                                          |                 |               | 25     | 22.38                 | 4.00       | 26.38      | <=33.01 | Pass    |
|                                          |                 |               | 50     | 22.38                 | 4.00       | 26.38      | <=33.01 | Pass    |
|                                          |                 | 100           | 0      | 22.48                 | 4.00       | 26.48      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

## 2. Frequency Stability

### 2.1 B25\_20MHz

#### 2.1.1 Test Result

| Band: 25 / 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         | 10.2          | -2.654           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 12            | 0.534            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 13.8          | -8.452           | -0.0045               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 12            | -1.789           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 12            | -3.349           | -0.0018               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 12            | -0.632           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 12            | -1.963           | -0.0011               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 12            | 0.997            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 12            | -6.276           | -0.0034               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 12            | -3.995           | -0.0021               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 12            | -6.393           | -0.0034               | -2.5 to 2.5 | Pass    |
|                             | 1882.5          | 100           | 0      | 20         | 10.2          | -8.053           | -0.0043               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 12            | -8.205           | -0.0044               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 13.8          | -7.551           | -0.0040               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 12            | -6.092           | -0.0032               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 12            | -9.629           | -0.0051               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 12            | -10.123          | -0.0054               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 12            | -10.622          | -0.0056               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 12            | -7.420           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 12            | -5.846           | -0.0031               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 12            | -0.592           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 12            | -3.348           | -0.0018               | -2.5 to 2.5 | Pass    |
|                             | 1905            | 100           | 0      | 20         | 10.2          | -6.392           | -0.0034               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 12            | -8.097           | -0.0043               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 13.8          | -8.984           | -0.0047               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 12            | -0.440           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 12            | -9.741           | -0.0051               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 12            | -5.952           | -0.0031               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 12            | -4.727           | -0.0025               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 12            | -3.561           | -0.0019               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 12            | -5.231           | -0.0027               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 12            | -8.648           | -0.0045               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 12            | -6.882           | -0.0036               | -2.5 to 2.5 | Pass    |

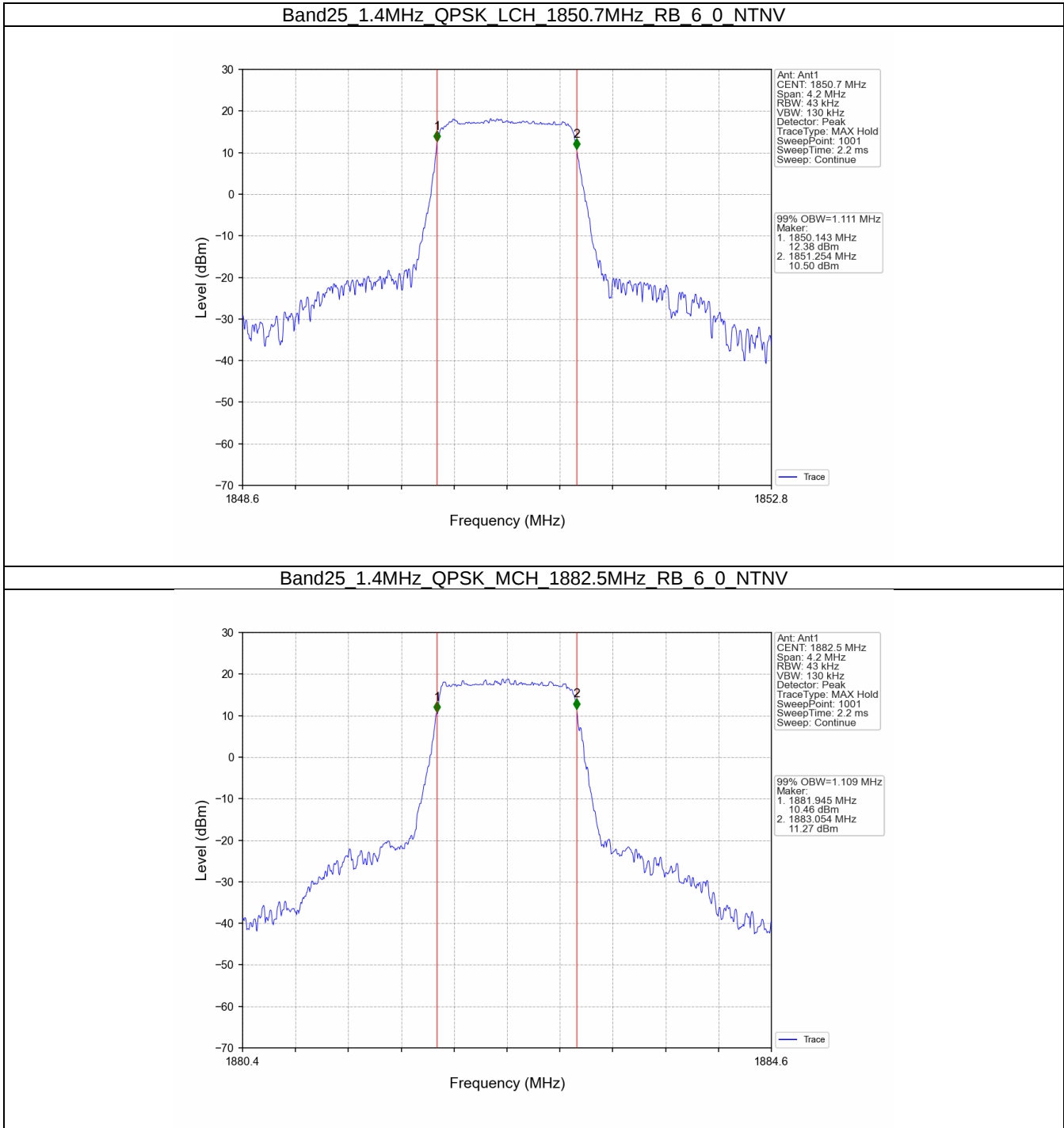
### 3. 99% & 26dB Bandwidth

#### 3.1 Band25\_OBW

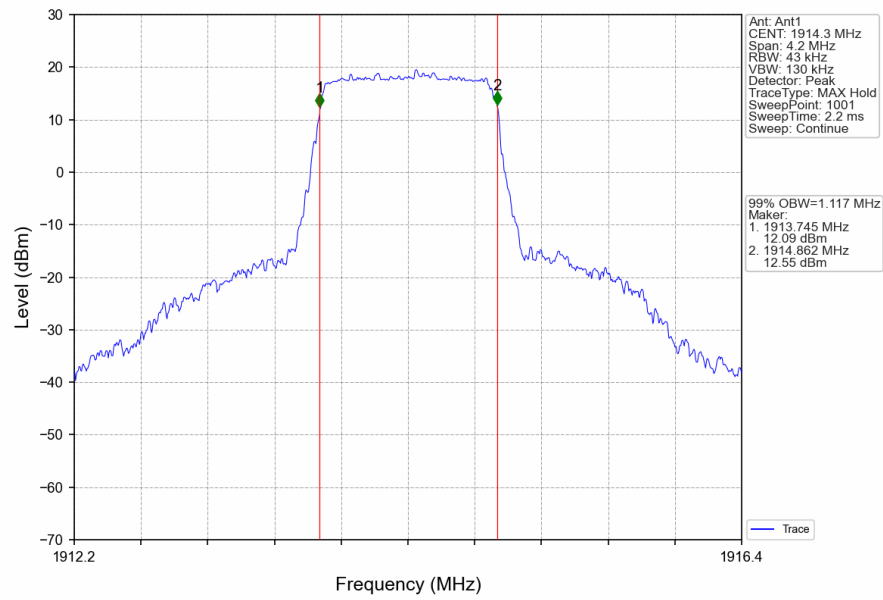
##### 3.1.1 Test Result

| Band: 25 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 1.111                        | /     | Pass    |
|                 |            | 1882.5          | 6             | 0      | 1.109                        | /     | Pass    |
|                 |            | 1914.3          | 6             | 0      | 1.117                        | /     | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 1.117                        | /     | Pass    |
|                 |            | 1882.5          | 6             | 0      | 1.109                        | /     | Pass    |
|                 |            | 1914.3          | 6             | 0      | 1.110                        | /     | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 2.727                        | /     | Pass    |
|                 |            | 1882.5          | 15            | 0      | 2.738                        | /     | Pass    |
|                 |            | 1913.5          | 15            | 0      | 2.723                        | /     | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 2.728                        | /     | Pass    |
|                 |            | 1882.5          | 15            | 0      | 2.719                        | /     | Pass    |
|                 |            | 1913.5          | 15            | 0      | 2.719                        | /     | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 4.601                        | /     | Pass    |
|                 |            | 1882.5          | 25            | 0      | 4.557                        | /     | Pass    |
|                 |            | 1912.5          | 25            | 0      | 4.560                        | /     | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 4.564                        | /     | Pass    |
|                 |            | 1882.5          | 25            | 0      | 4.565                        | /     | Pass    |
|                 |            | 1912.5          | 25            | 0      | 4.594                        | /     | Pass    |
| 10              | QPSK       | 1855            | 50            | 0      | 9.120                        | /     | Pass    |
|                 |            | 1882.5          | 50            | 0      | 9.090                        | /     | Pass    |
|                 |            | 1910            | 50            | 0      | 9.105                        | /     | Pass    |
|                 | 16QAM      | 1855            | 50            | 0      | 9.087                        | /     | Pass    |
|                 |            | 1882.5          | 50            | 0      | 9.070                        | /     | Pass    |
|                 |            | 1910            | 50            | 0      | 9.122                        | /     | Pass    |
| 15              | QPSK       | 1857.5          | 75            | 0      | 13.721                       | /     | Pass    |
|                 |            | 1882.5          | 75            | 0      | 13.613                       | /     | Pass    |
|                 |            | 1907.5          | 75            | 0      | 13.673                       | /     | Pass    |
|                 | 16QAM      | 1857.5          | 75            | 0      | 13.658                       | /     | Pass    |
|                 |            | 1882.5          | 75            | 0      | 13.662                       | /     | Pass    |
|                 |            | 1907.5          | 75            | 0      | 13.692                       | /     | Pass    |
| 20              | QPSK       | 1860            | 100           | 0      | 18.122                       | /     | Pass    |
|                 |            | 1882.5          | 100           | 0      | 18.126                       | /     | Pass    |
|                 |            | 1905            | 100           | 0      | 18.126                       | /     | Pass    |
|                 | 16QAM      | 1860            | 100           | 0      | 18.120                       | /     | Pass    |
|                 |            | 1882.5          | 100           | 0      | 18.174                       | /     | Pass    |
|                 |            | 1905            | 100           | 0      | 18.125                       | /     | Pass    |

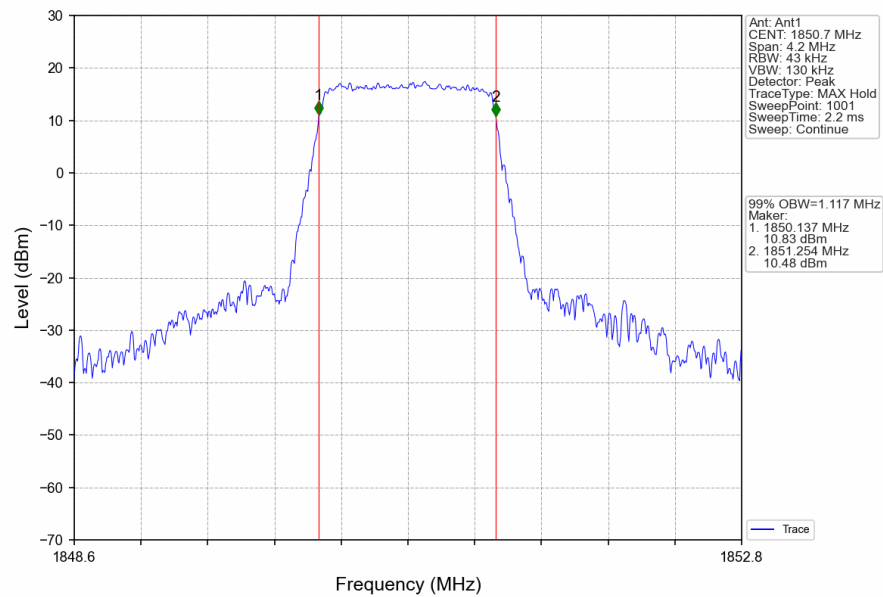
3.1.2 Test Graph



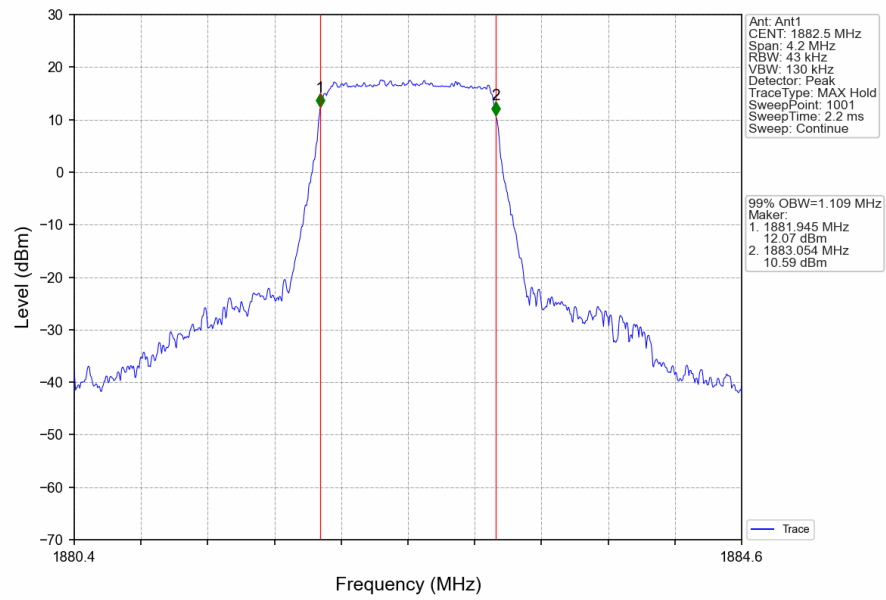
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



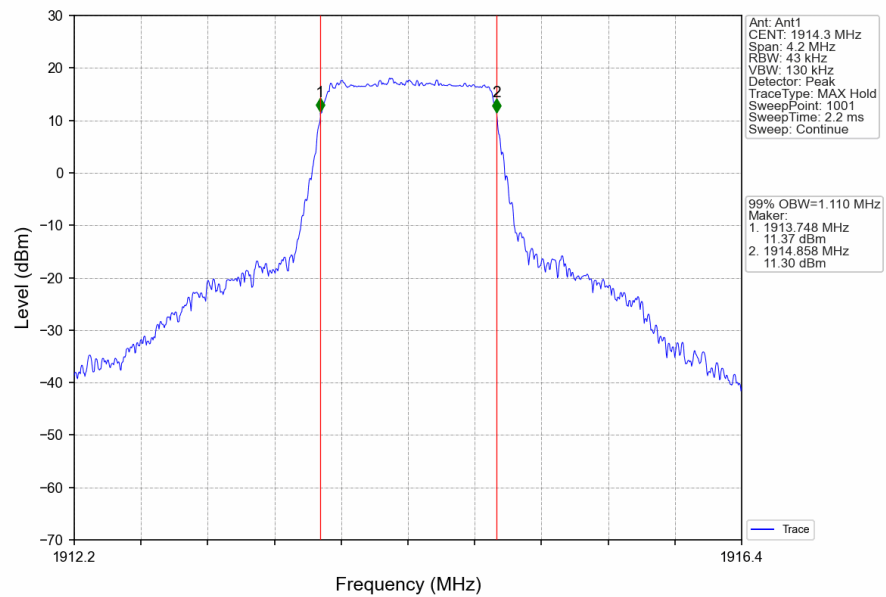
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



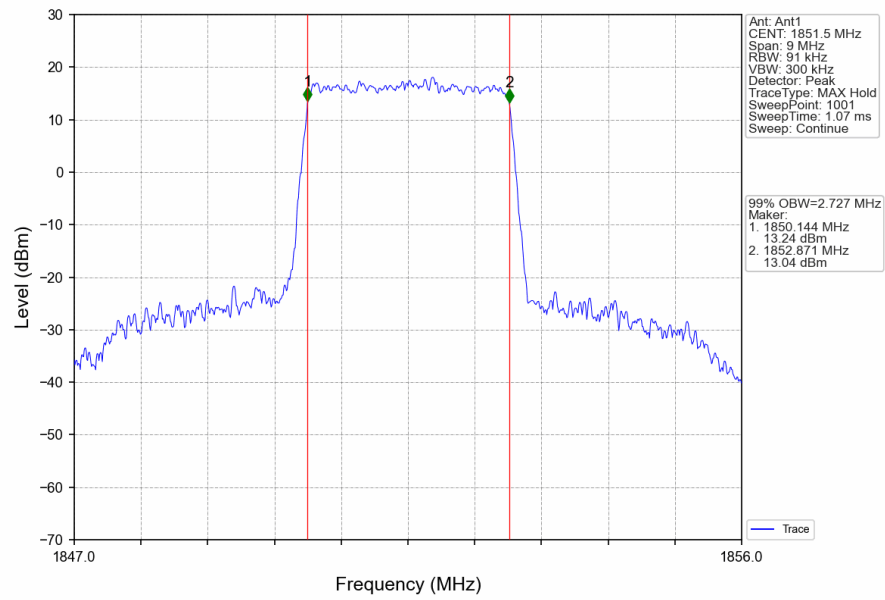
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



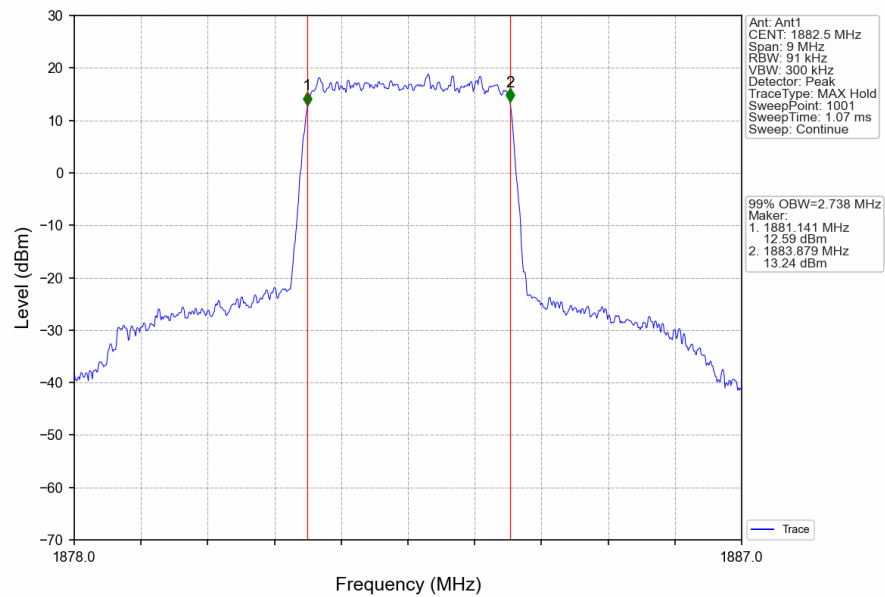
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



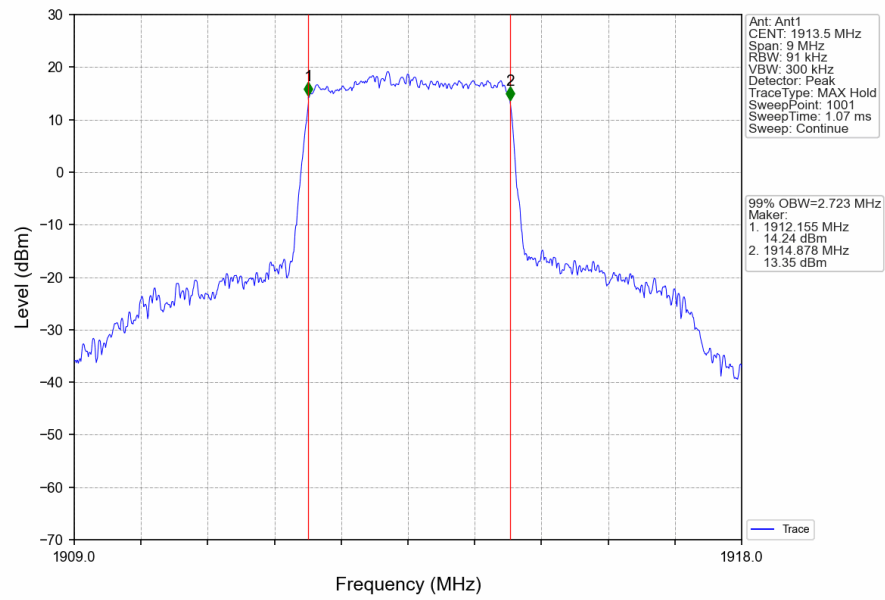
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



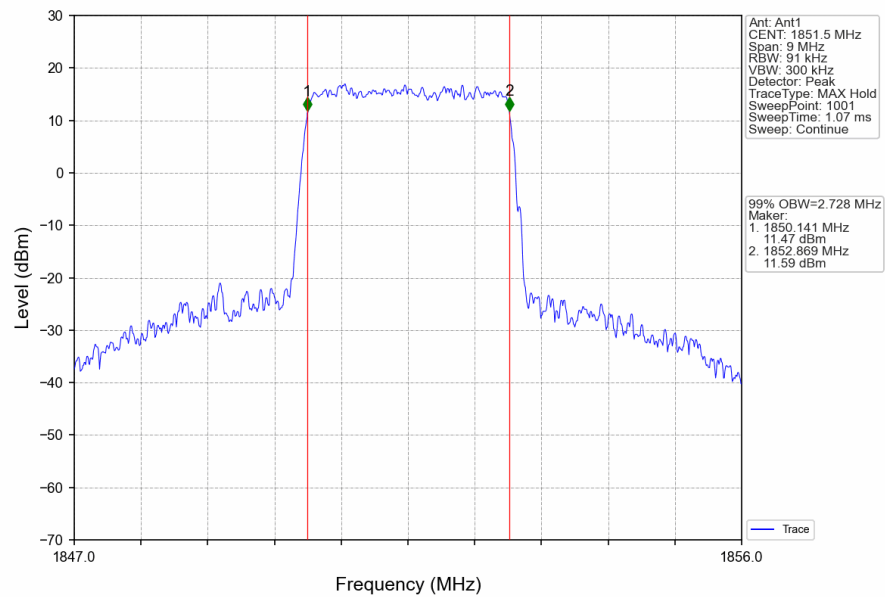
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



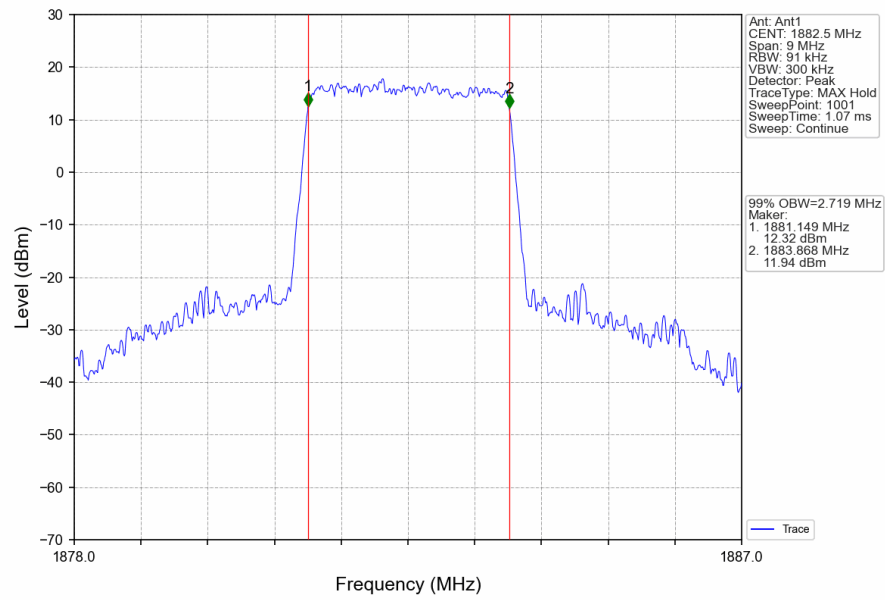
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



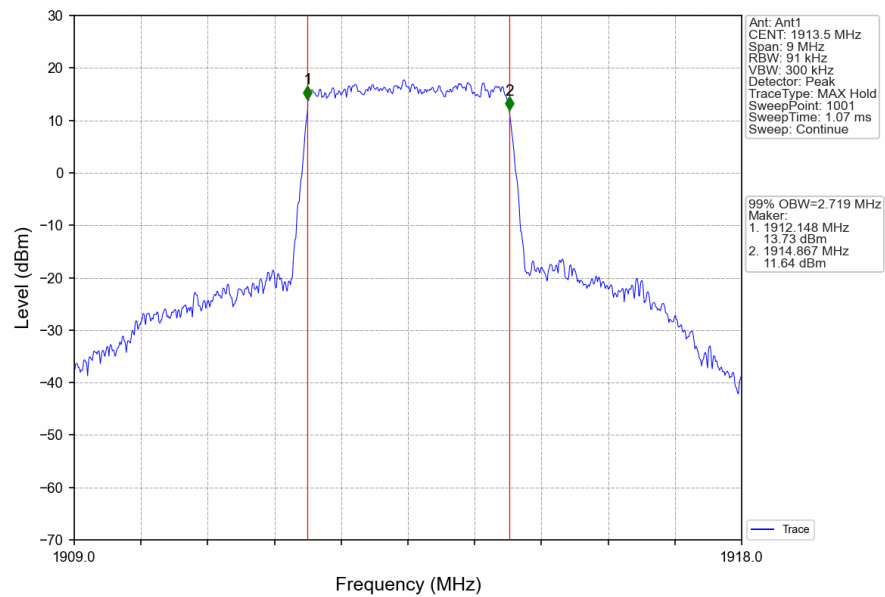
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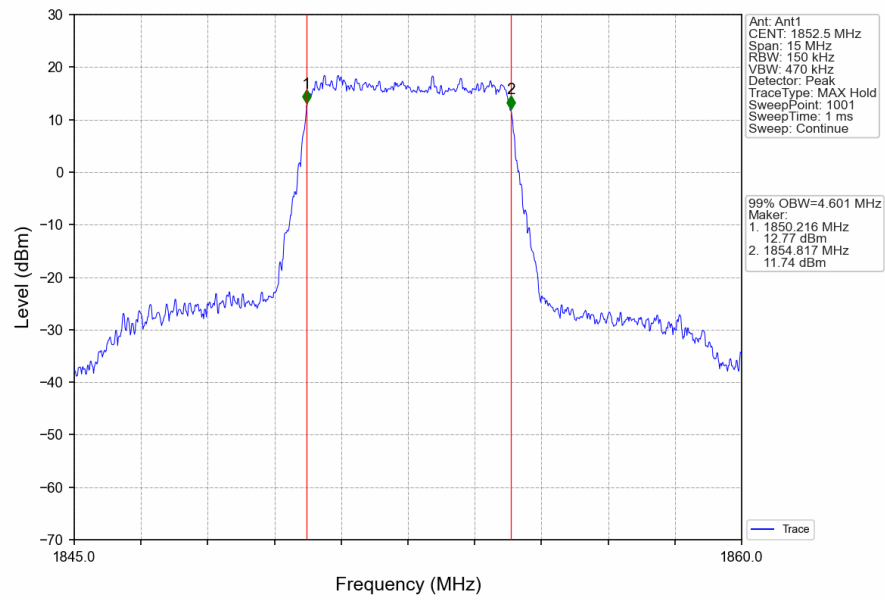
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



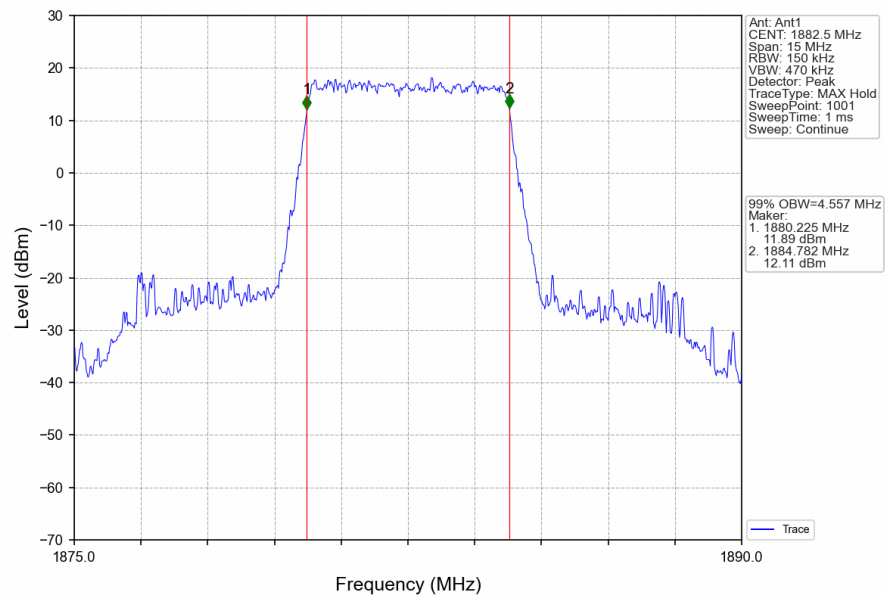
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



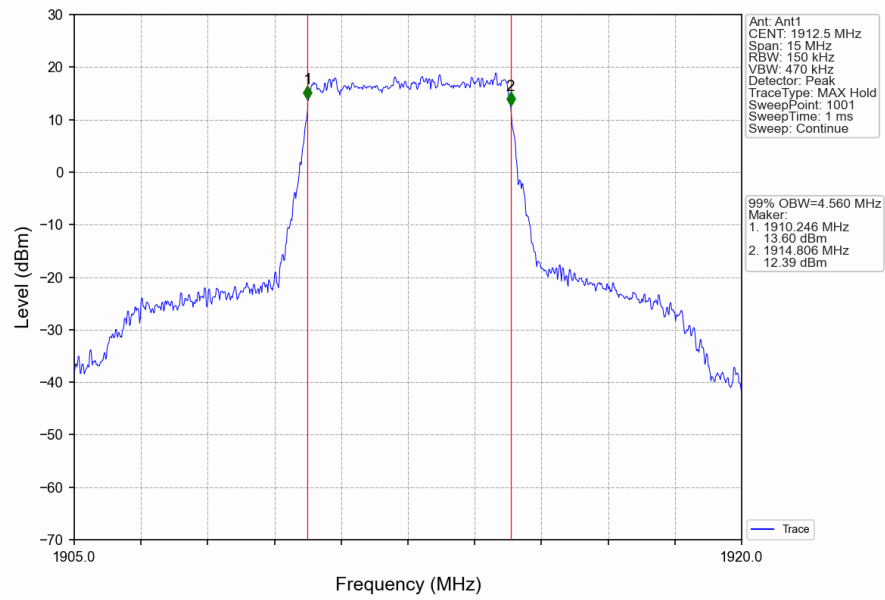
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



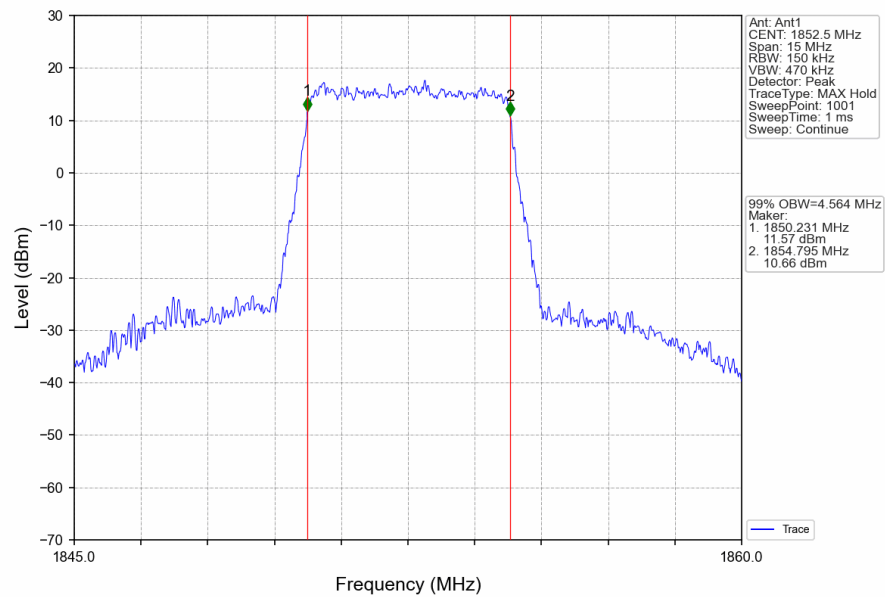
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



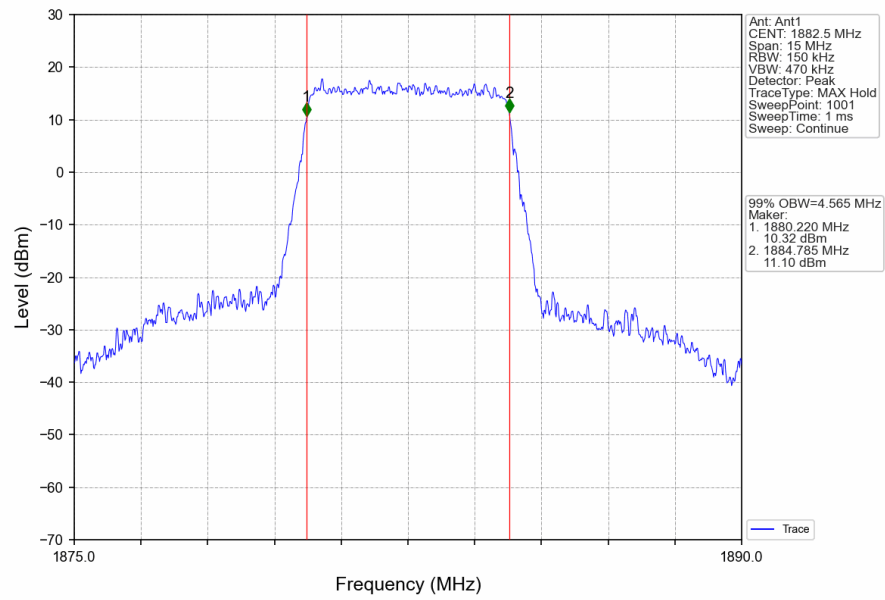
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



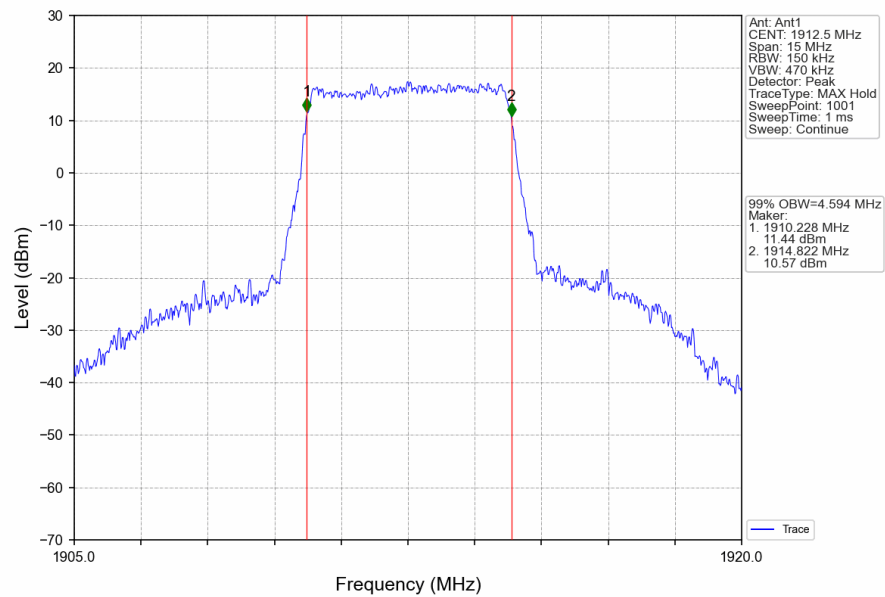
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



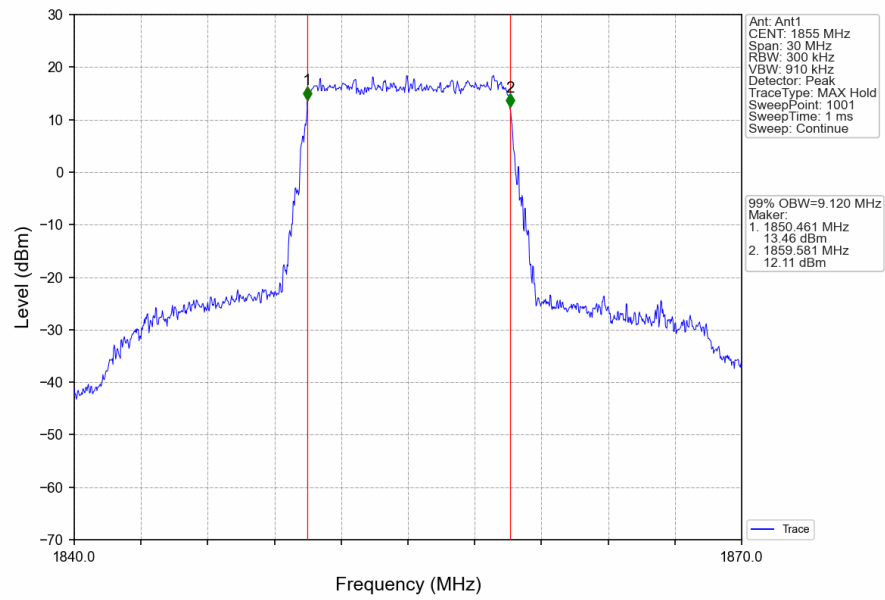
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



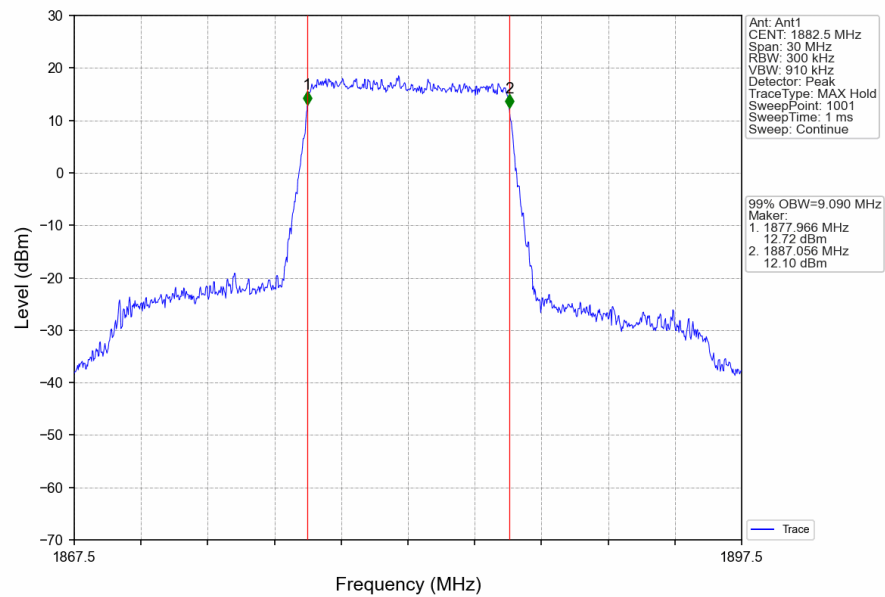
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



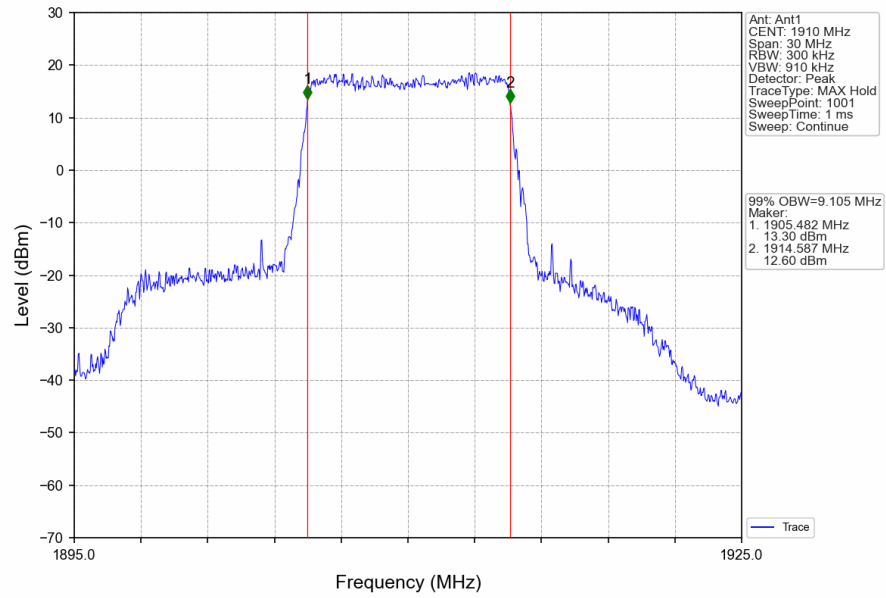
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



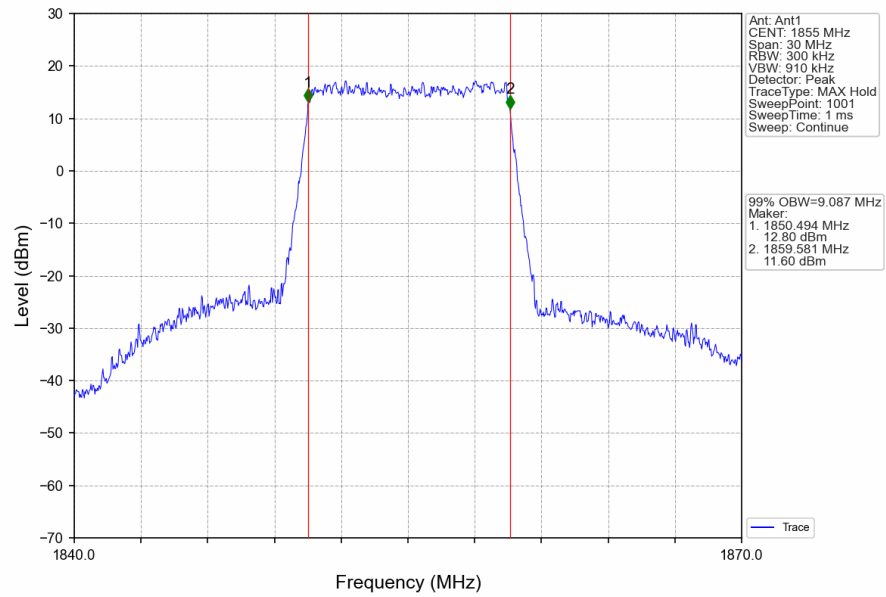
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



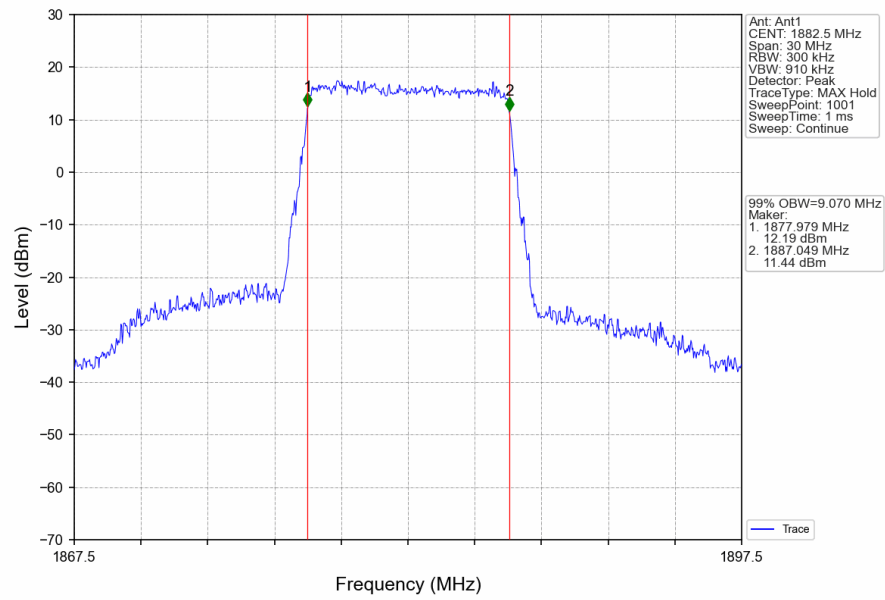
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



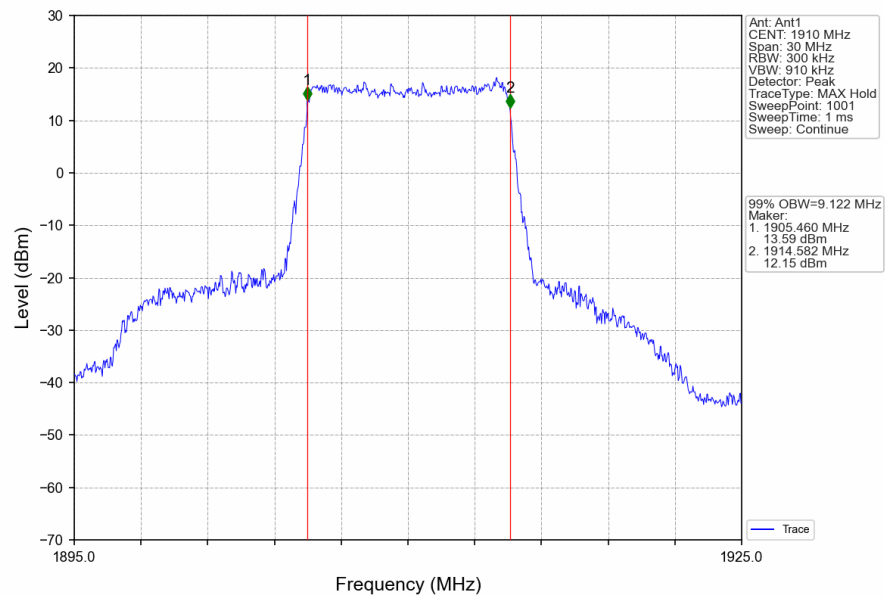
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



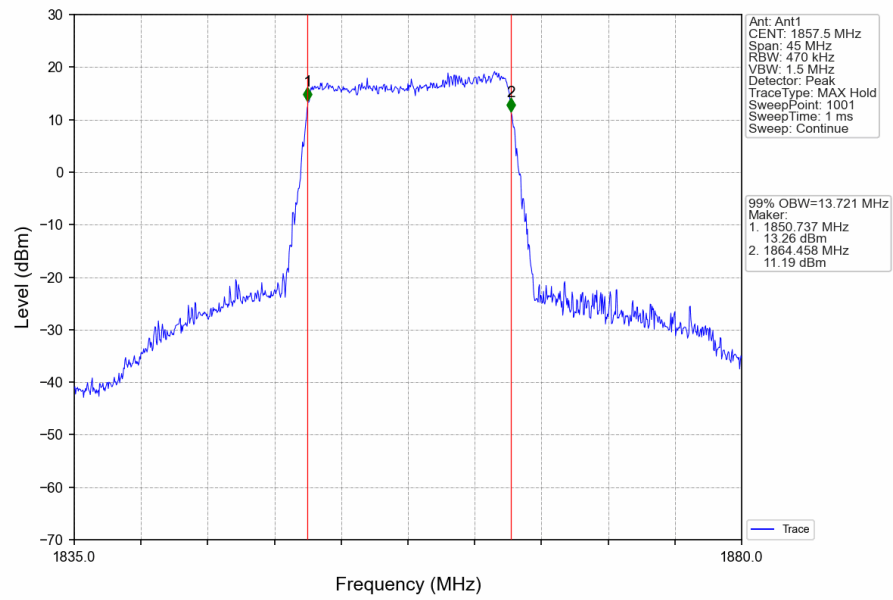
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



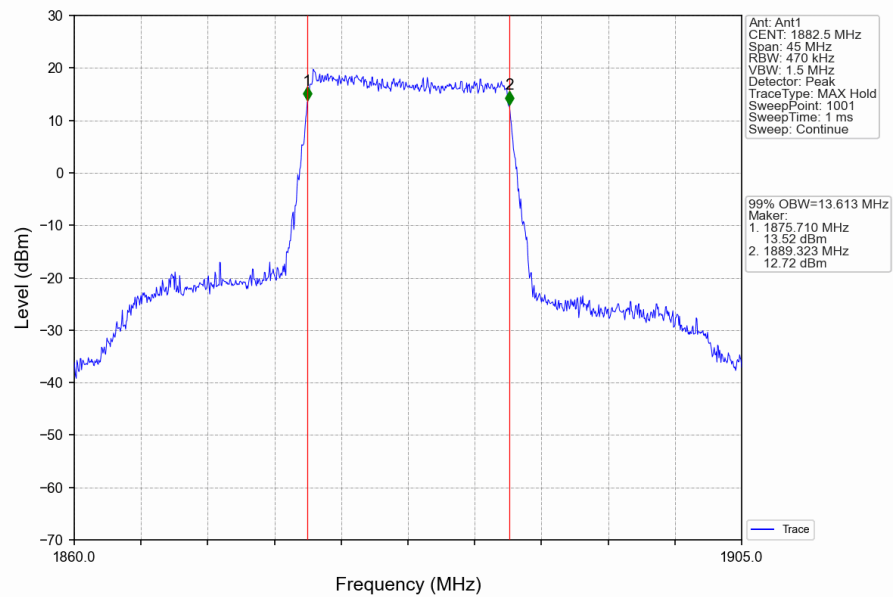
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



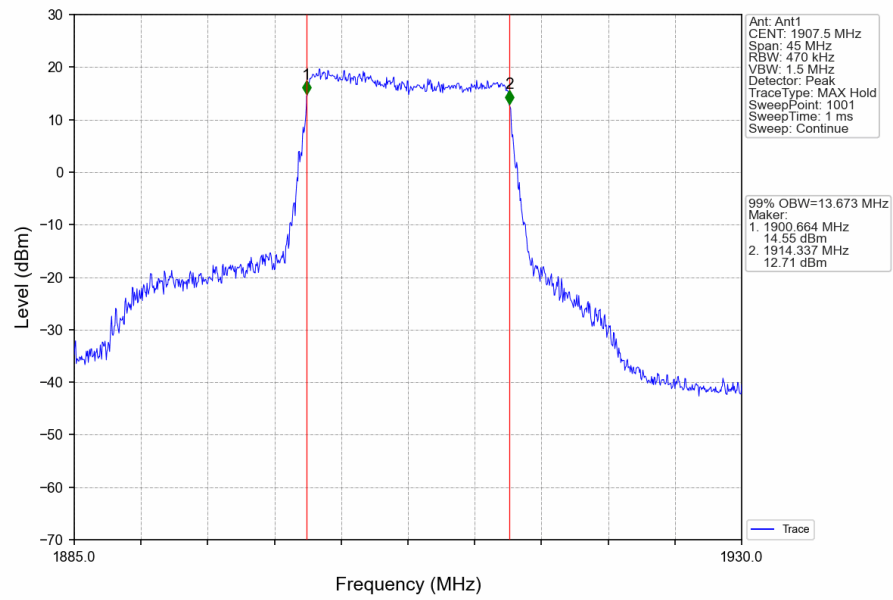
Band25 15MHz QPSK LCH 1857.5MHz RB 75 0 NTN



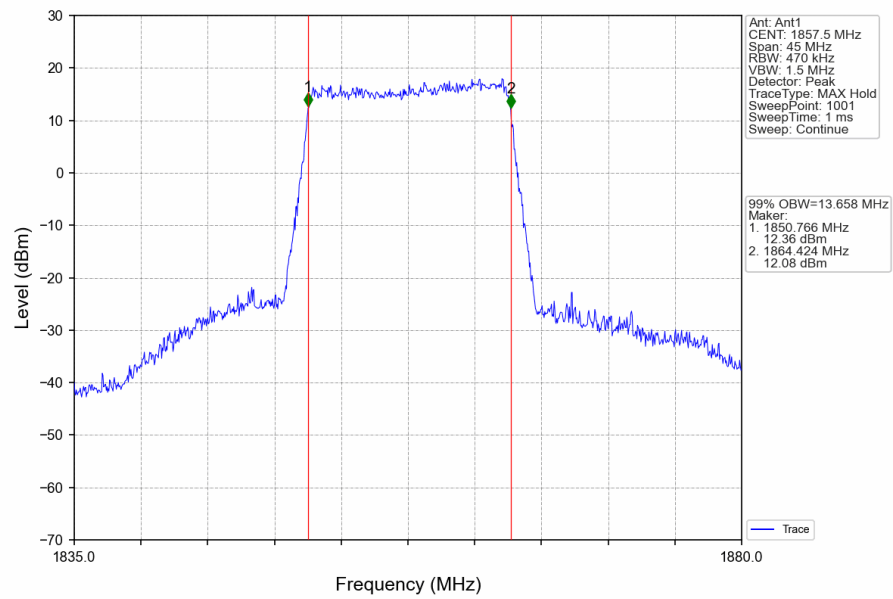
Band25 15MHz QPSK MCH 1882.5MHz RB 75 0 NTN



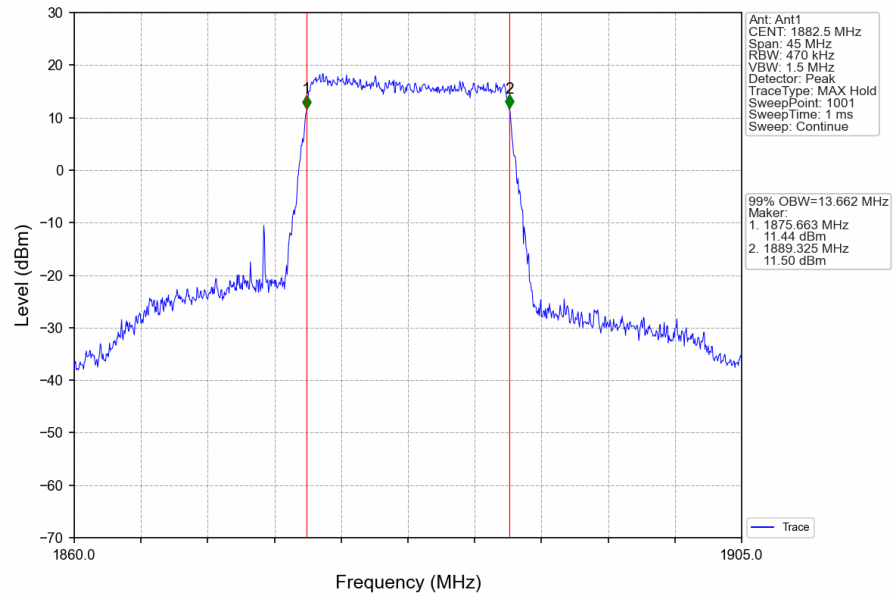
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



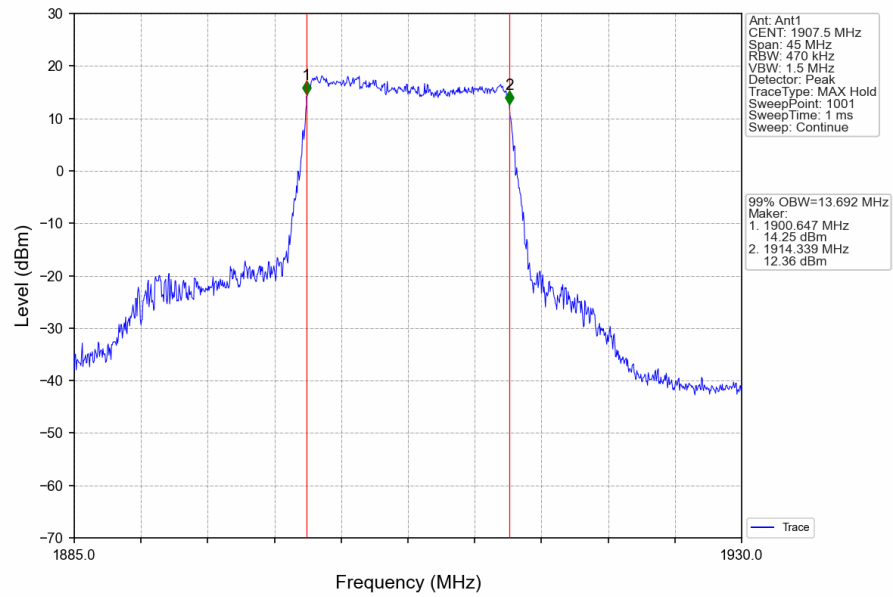
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



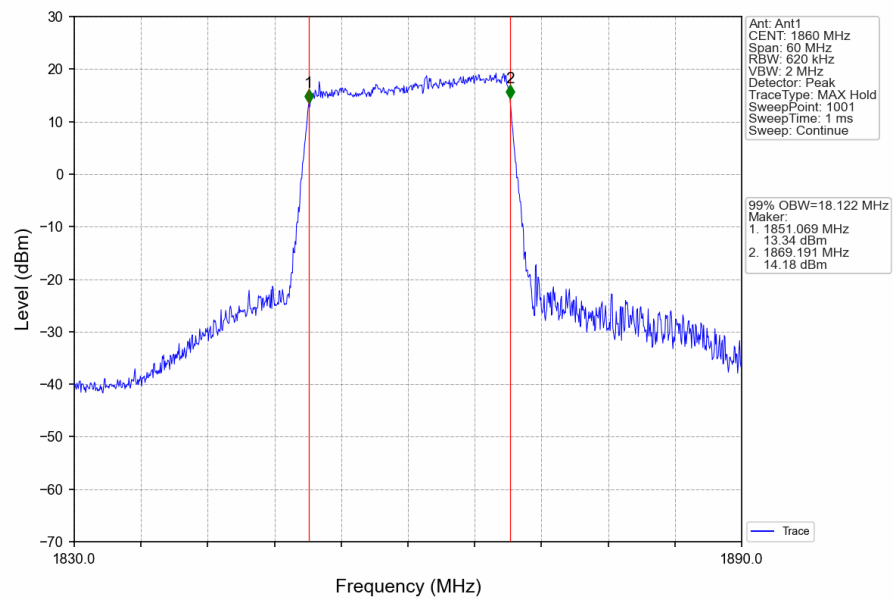
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



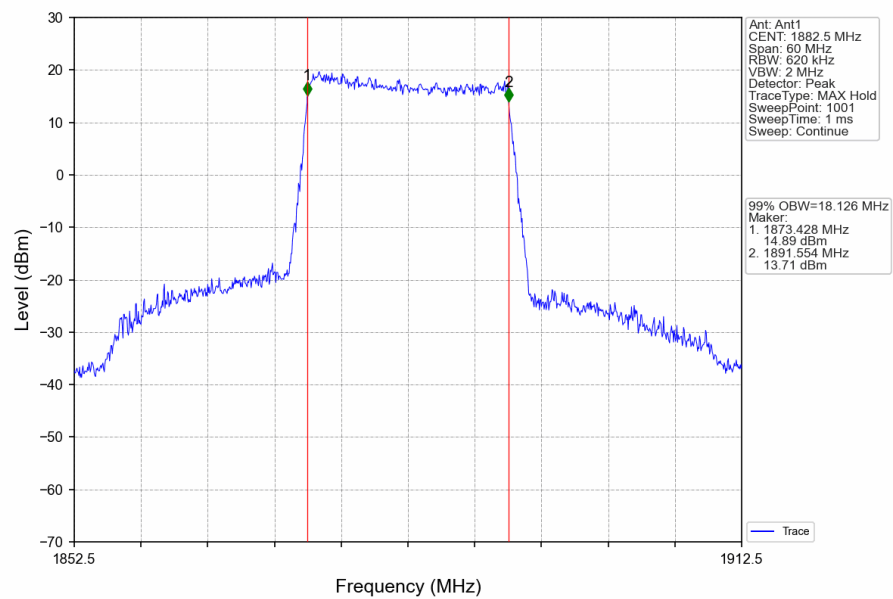
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



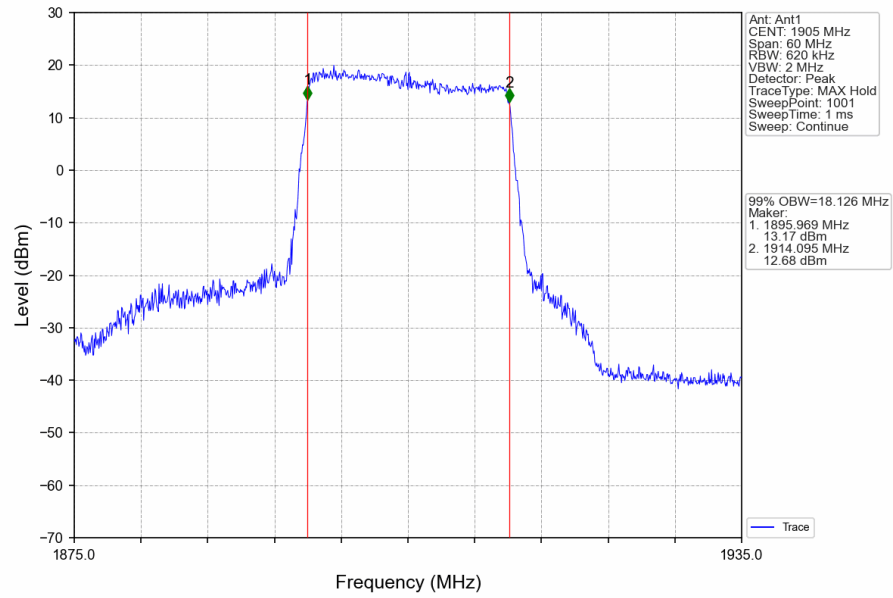
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



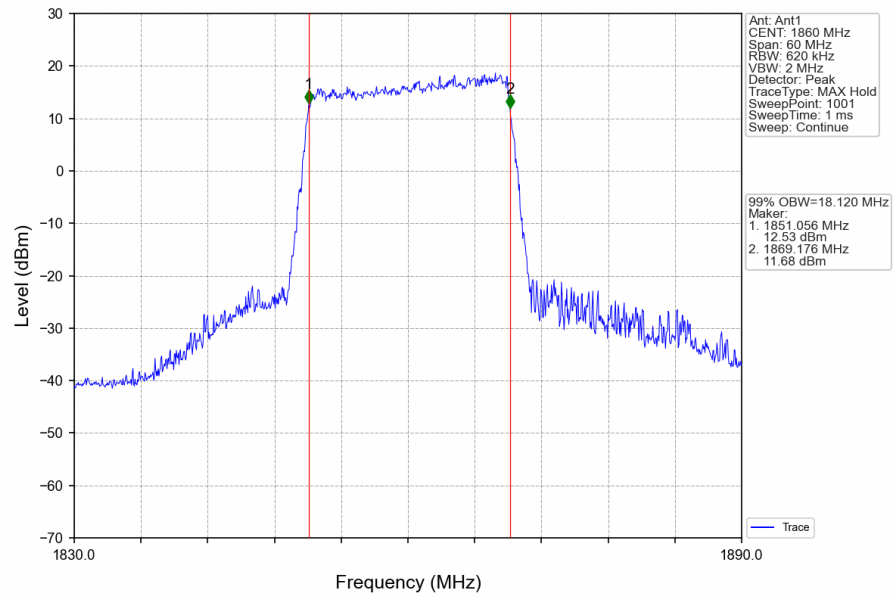
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



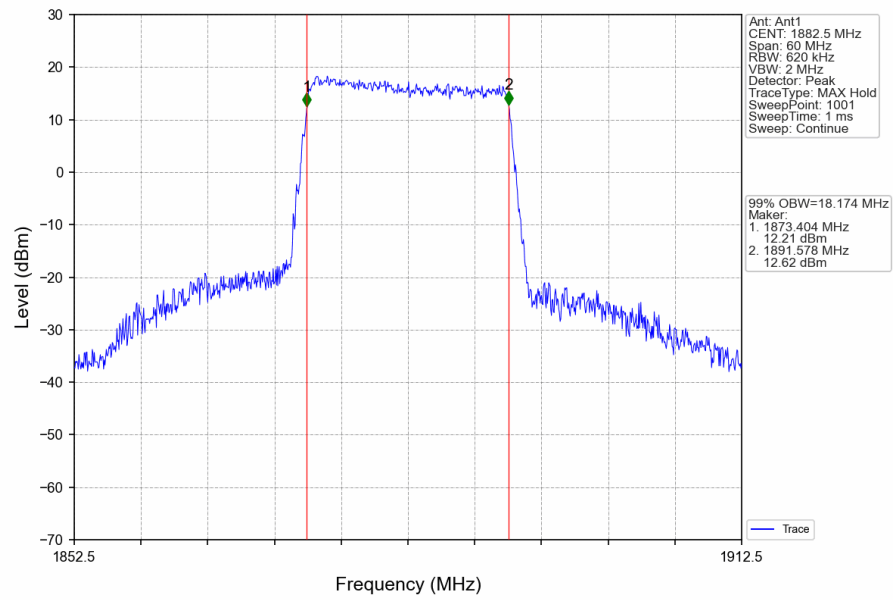
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTN



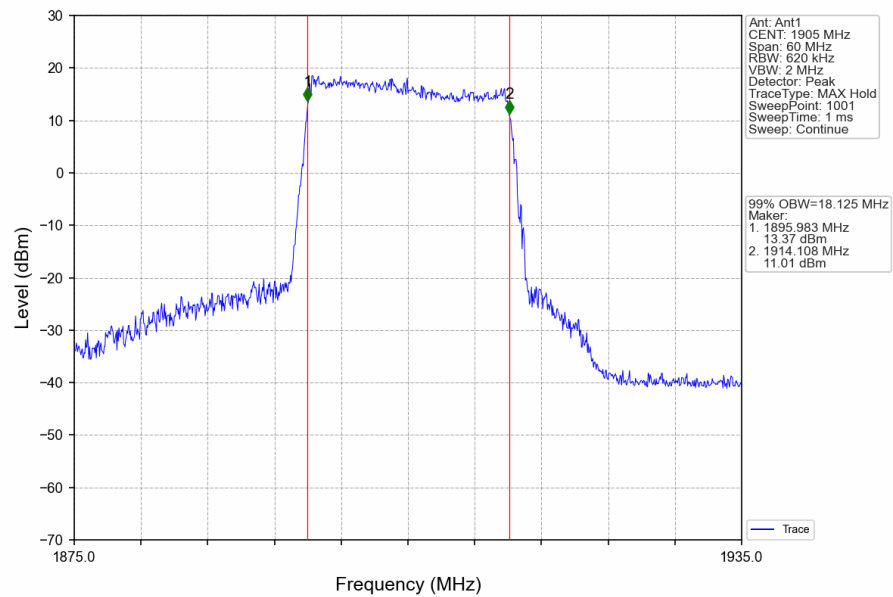
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTN



Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_100\_0\_NTNV

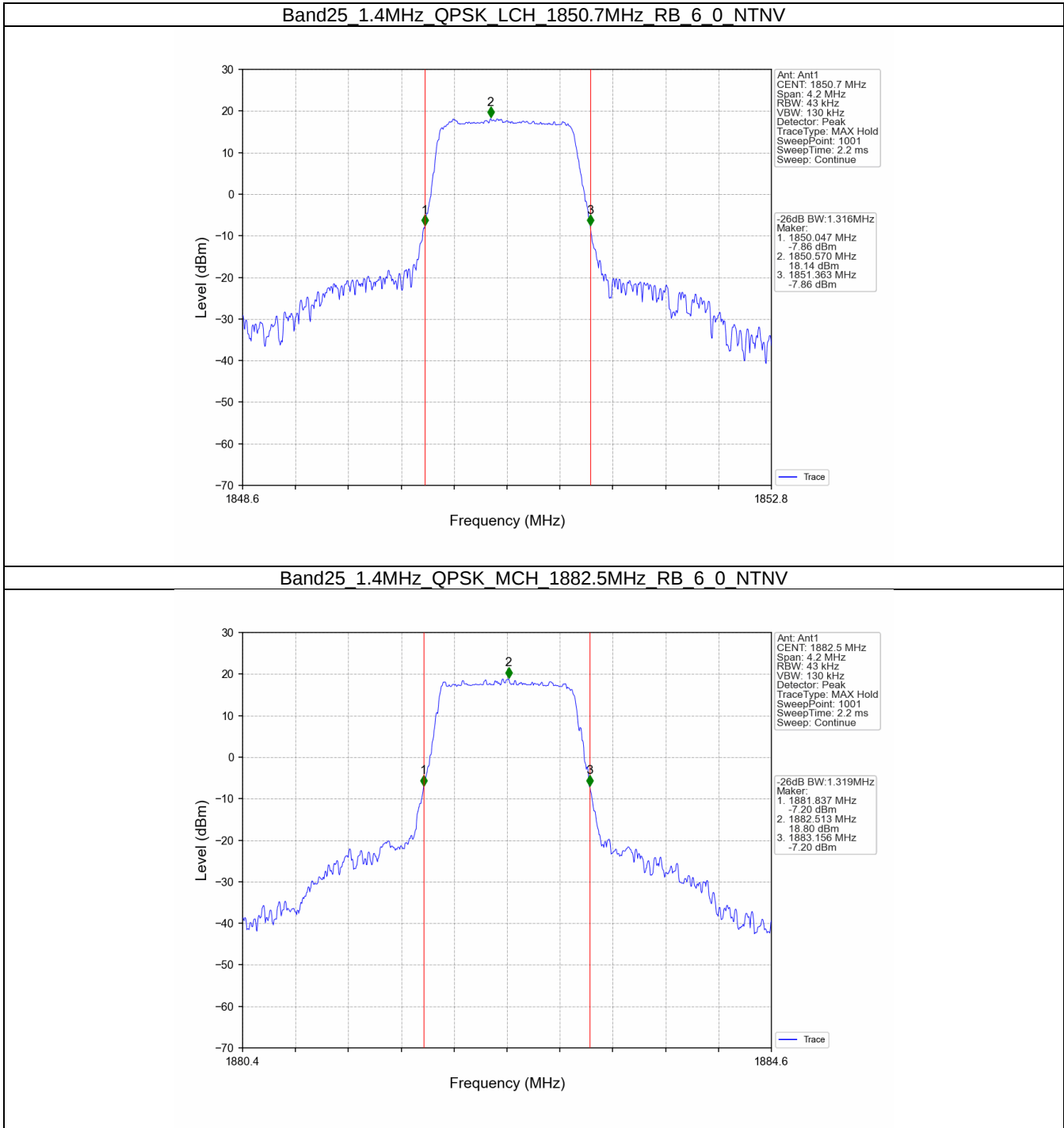


## 3.2 Band25\_XDB

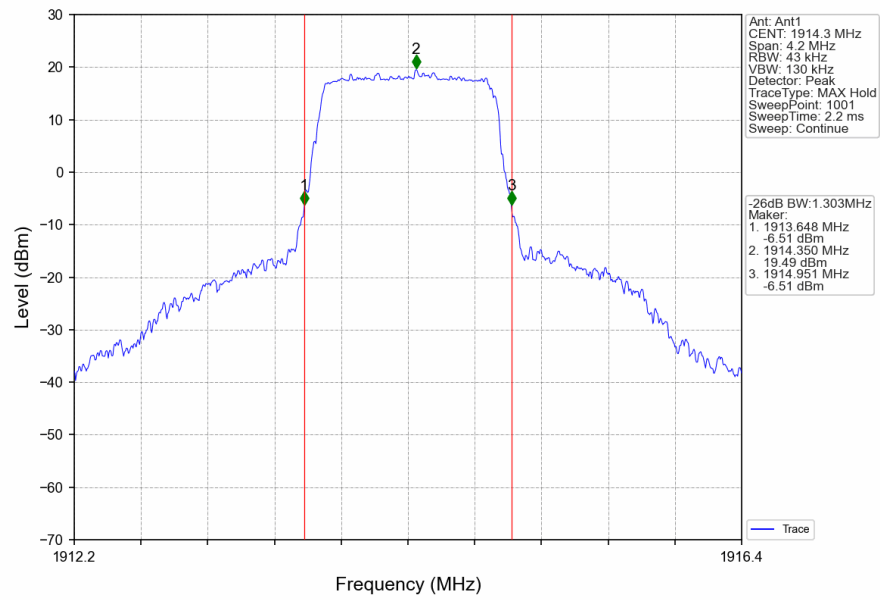
### 3.2.1 Test Result

| Band: 25 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 1.316                | /     | Pass    |
|                 |            | 1882.5          | 6             | 0      | 1.319                | /     | Pass    |
|                 |            | 1914.3          | 6             | 0      | 1.303                | /     | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 1.342                | /     | Pass    |
|                 |            | 1882.5          | 6             | 0      | 1.313                | /     | Pass    |
|                 |            | 1914.3          | 6             | 0      | 1.322                | /     | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 2.996                | /     | Pass    |
|                 |            | 1882.5          | 15            | 0      | 2.996                | /     | Pass    |
|                 |            | 1913.5          | 15            | 0      | 2.999                | /     | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 3.021                | /     | Pass    |
|                 |            | 1882.5          | 15            | 0      | 2.998                | /     | Pass    |
|                 |            | 1913.5          | 15            | 0      | 3.005                | /     | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 5.272                | /     | Pass    |
|                 |            | 1882.5          | 25            | 0      | 5.286                | /     | Pass    |
|                 |            | 1912.5          | 25            | 0      | 5.237                | /     | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 5.205                | /     | Pass    |
|                 |            | 1882.5          | 25            | 0      | 5.262                | /     | Pass    |
|                 |            | 1912.5          | 25            | 0      | 5.262                | /     | Pass    |
| 10              | QPSK       | 1855            | 50            | 0      | 10.464               | /     | Pass    |
|                 |            | 1882.5          | 50            | 0      | 10.277               | /     | Pass    |
|                 |            | 1910            | 50            | 0      | 10.399               | /     | Pass    |
|                 | 16QAM      | 1855            | 50            | 0      | 10.263               | /     | Pass    |
|                 |            | 1882.5          | 50            | 0      | 10.424               | /     | Pass    |
|                 |            | 1910            | 50            | 0      | 10.312               | /     | Pass    |
| 15              | QPSK       | 1857.5          | 75            | 0      | 15.424               | /     | Pass    |
|                 |            | 1882.5          | 75            | 0      | 15.194               | /     | Pass    |
|                 |            | 1907.5          | 75            | 0      | 15.368               | /     | Pass    |
|                 | 16QAM      | 1857.5          | 75            | 0      | 15.347               | /     | Pass    |
|                 |            | 1882.5          | 75            | 0      | 15.438               | /     | Pass    |
|                 |            | 1907.5          | 75            | 0      | 15.446               | /     | Pass    |
| 20              | QPSK       | 1860            | 100           | 0      | 20.032               | /     | Pass    |
|                 |            | 1882.5          | 100           | 0      | 20.055               | /     | Pass    |
|                 |            | 1905            | 100           | 0      | 19.943               | /     | Pass    |
|                 | 16QAM      | 1860            | 100           | 0      | 20.062               | /     | Pass    |
|                 |            | 1882.5          | 100           | 0      | 20.169               | /     | Pass    |
|                 |            | 1905            | 100           | 0      | 20.138               | /     | Pass    |

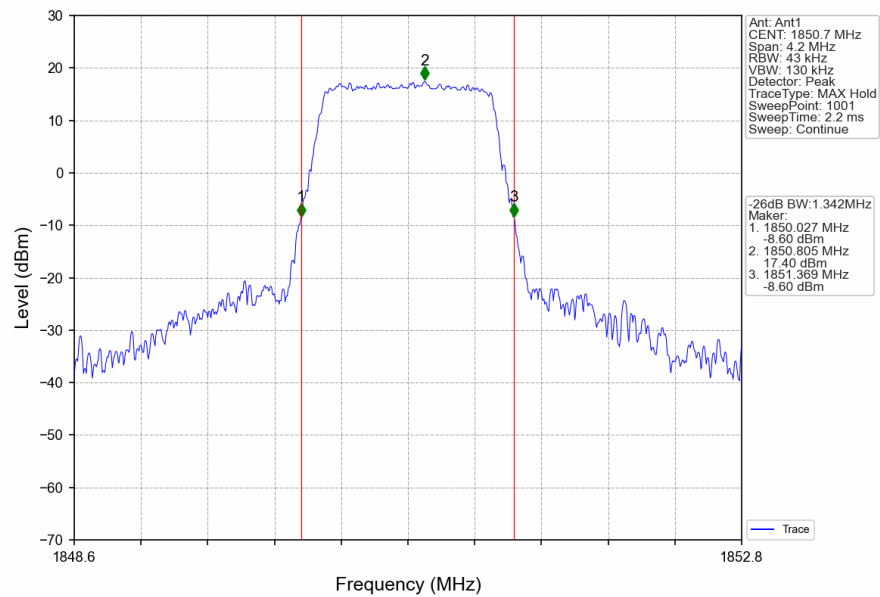
3.2.2 Test Graph



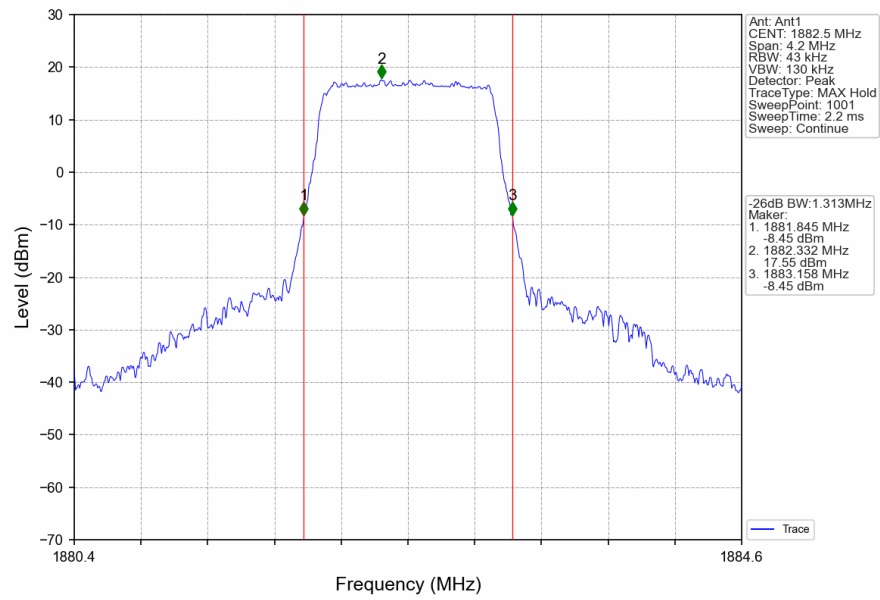
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



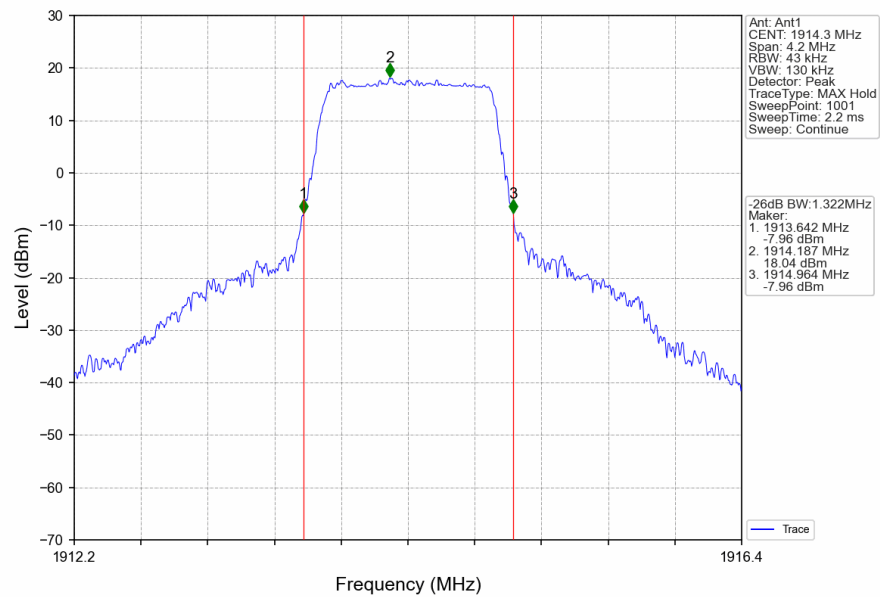
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



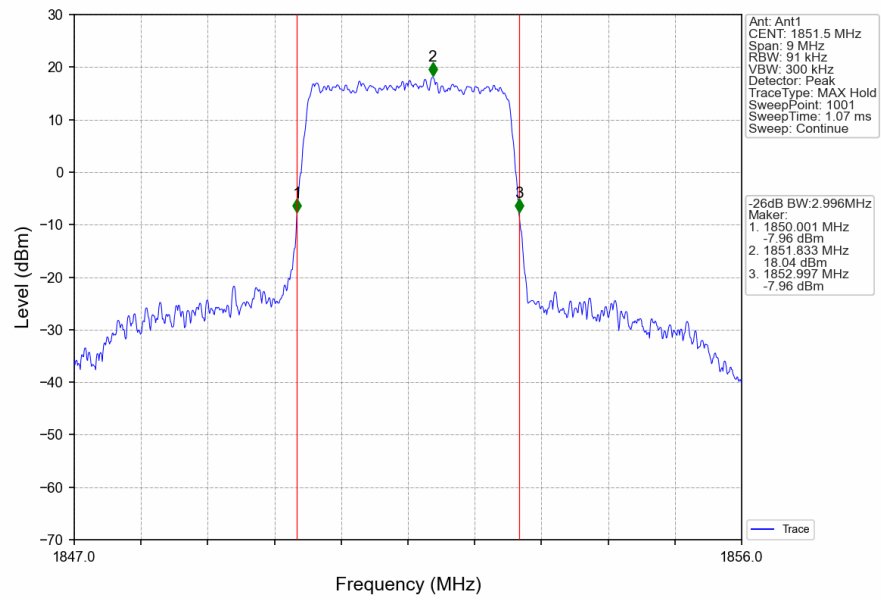
Band25\_1.4MHz\_16QAM\_MCH\_1882.5MHz\_RB\_6\_0\_NTNV



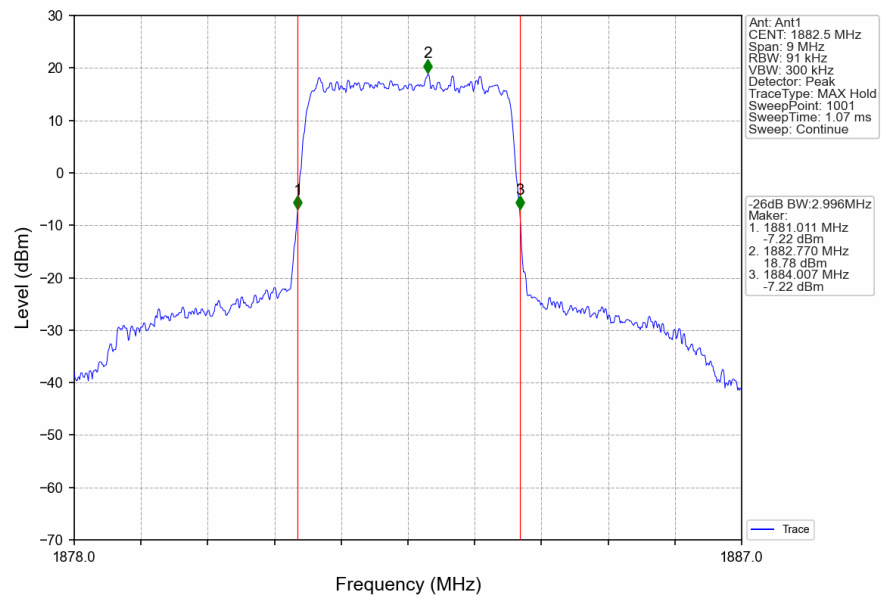
Band25\_1.4MHz\_16QAM\_HCH\_1914.3MHz\_RB\_6\_0\_NTNV



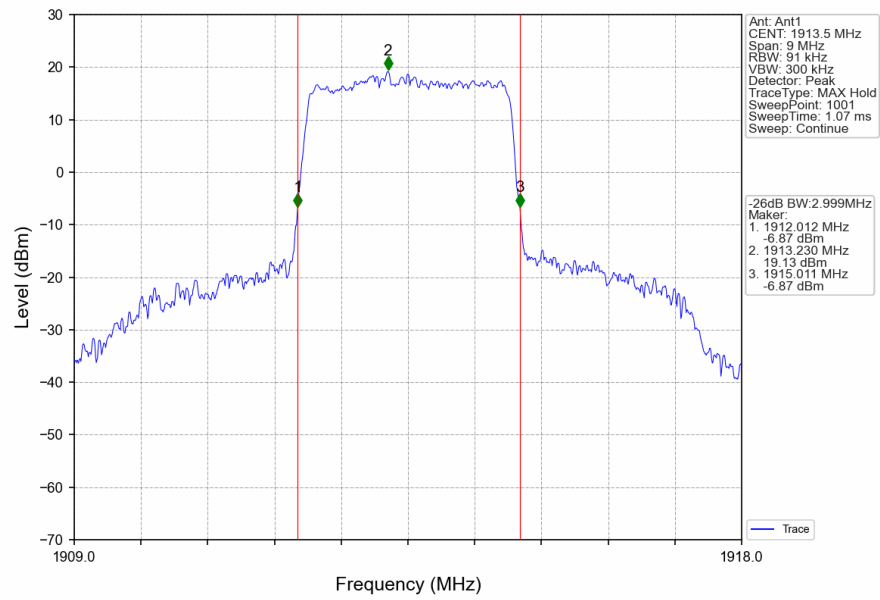
Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



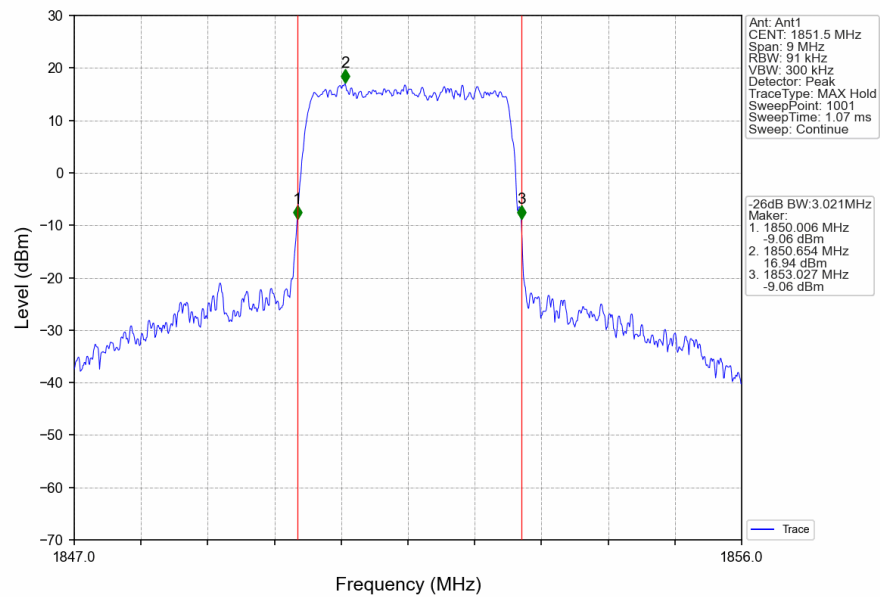
Band25\_3MHz\_QPSK\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



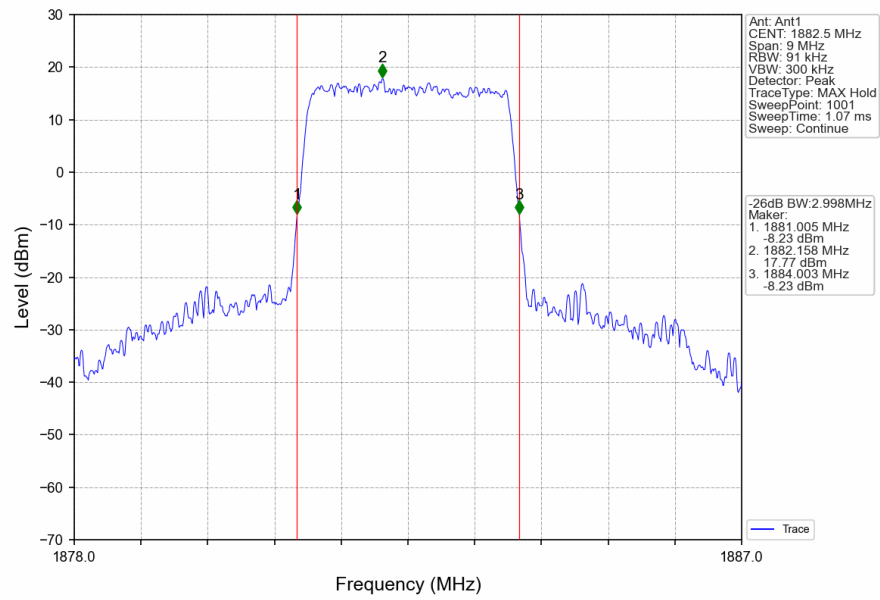
Band25\_3MHz\_QPSK\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



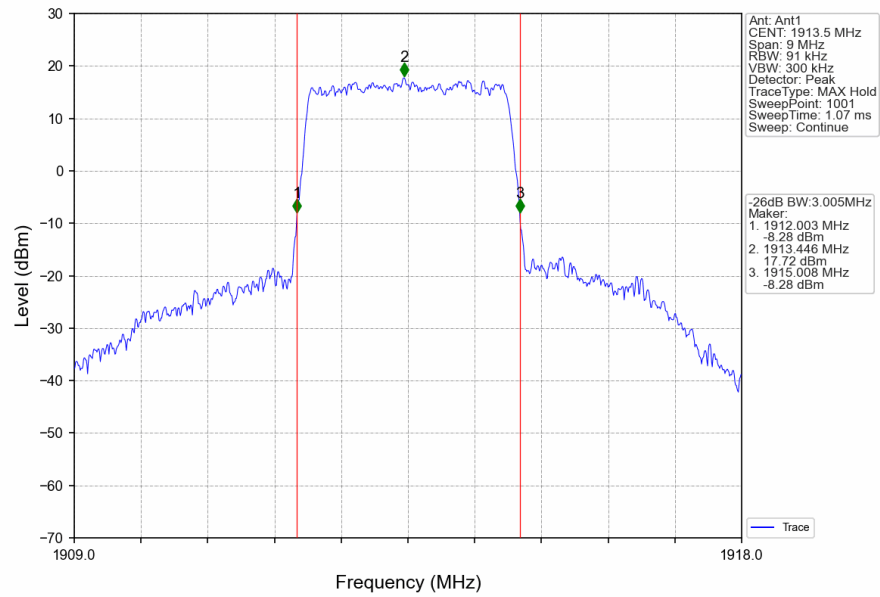
Band25\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



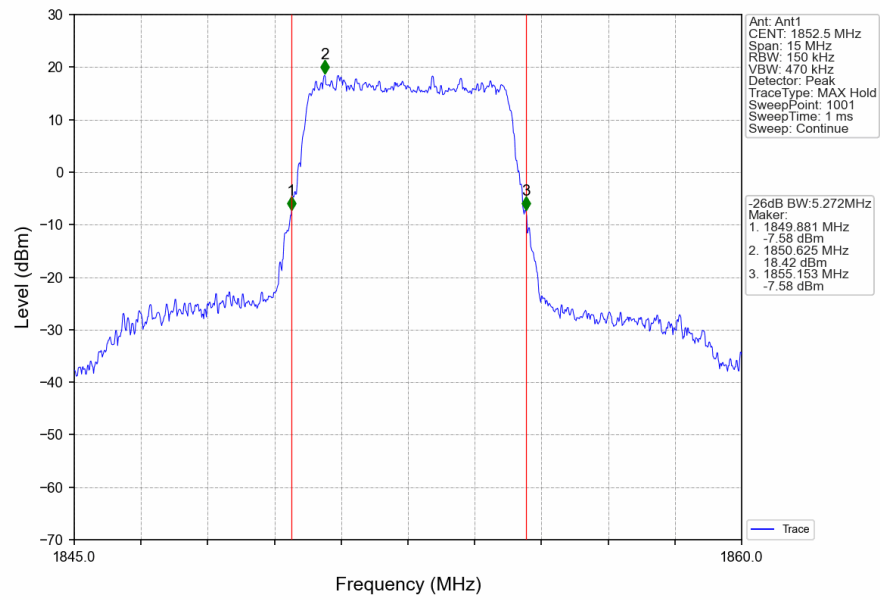
Band25\_3MHz\_16QAM\_MCH\_1882.5MHz\_RB\_15\_0\_NTNV



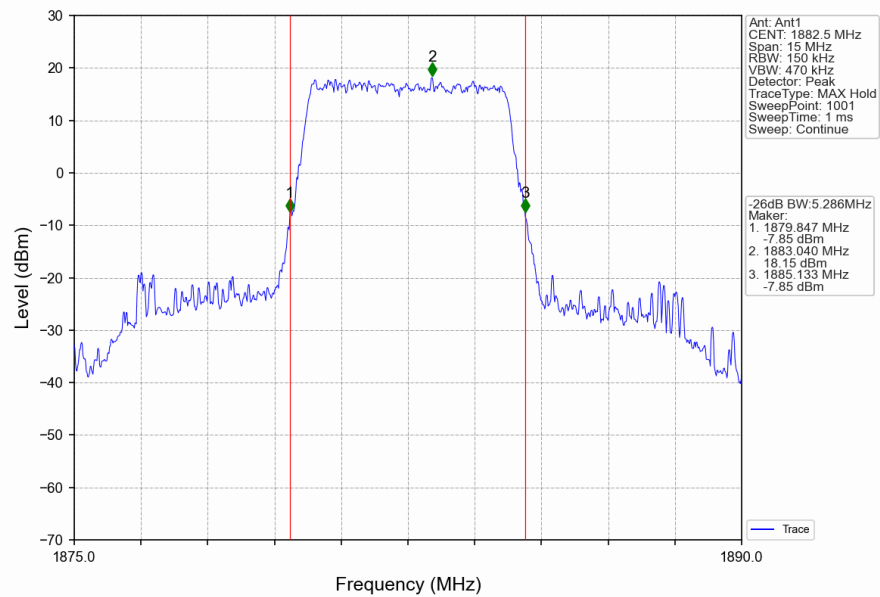
Band25\_3MHz\_16QAM\_HCH\_1913.5MHz\_RB\_15\_0\_NTNV



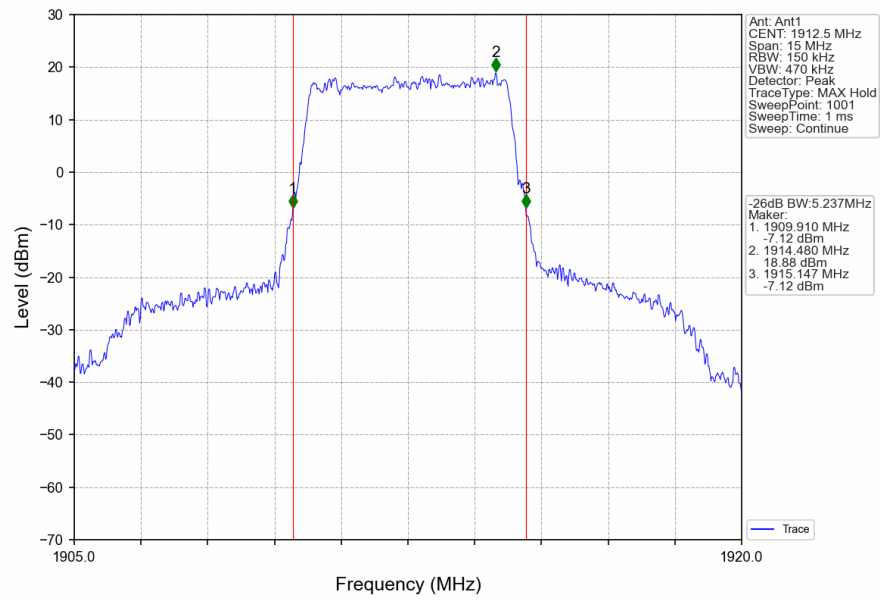
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



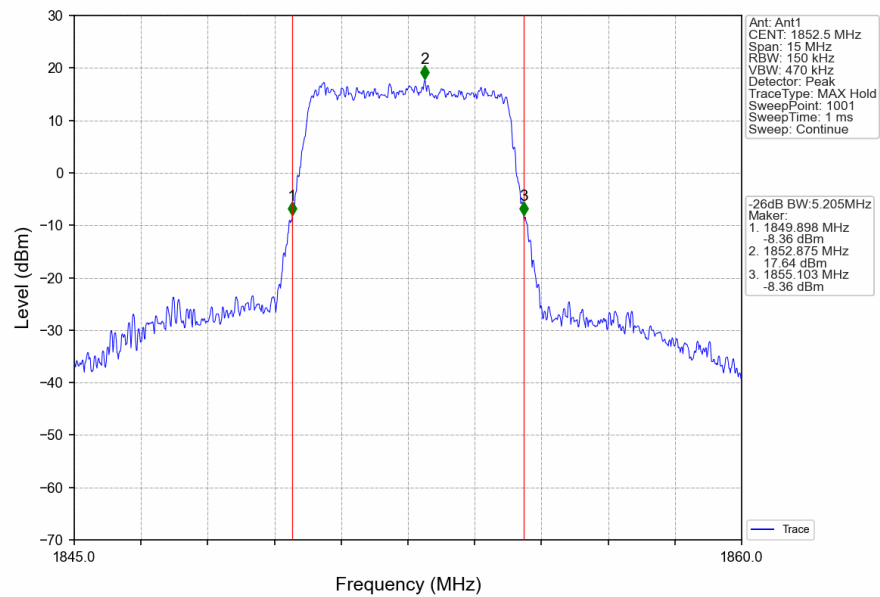
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



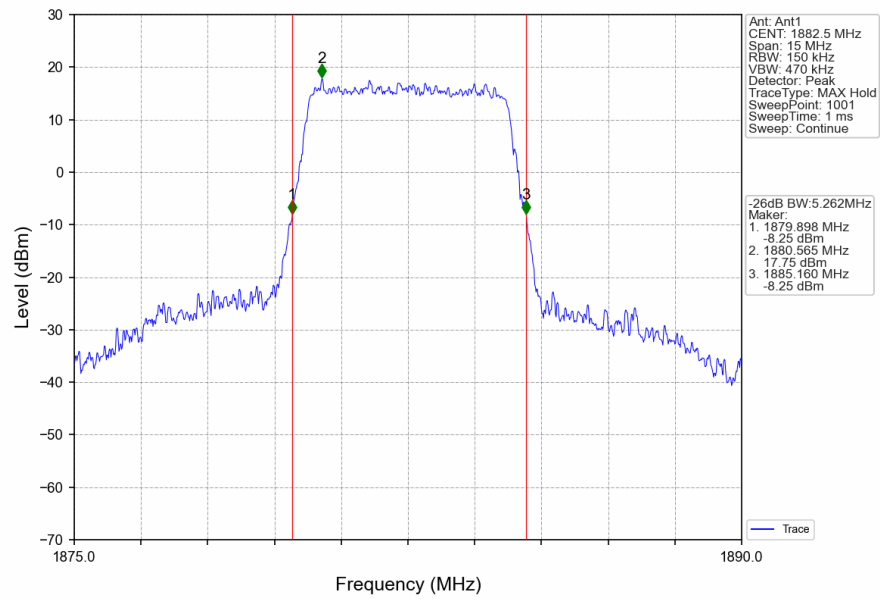
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



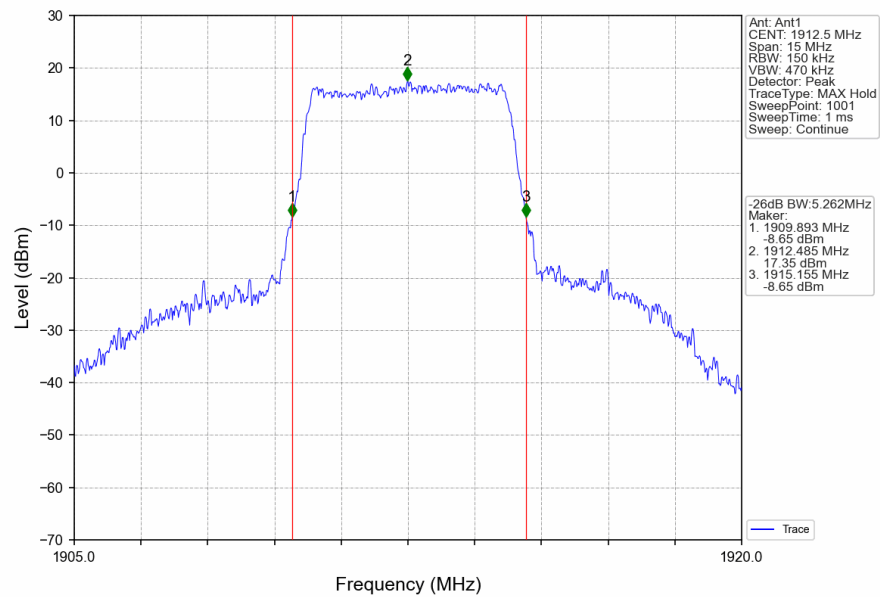
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



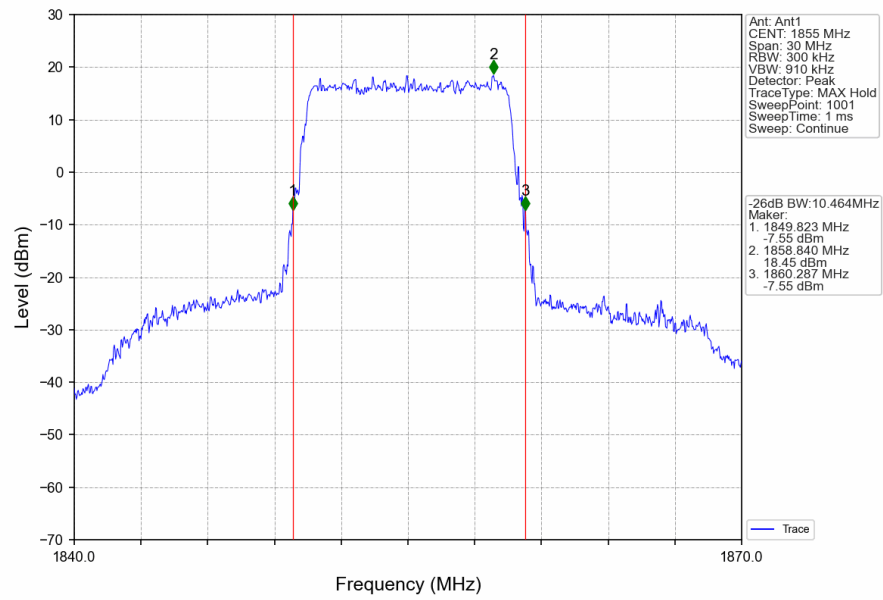
Band25\_5MHz\_16QAM\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



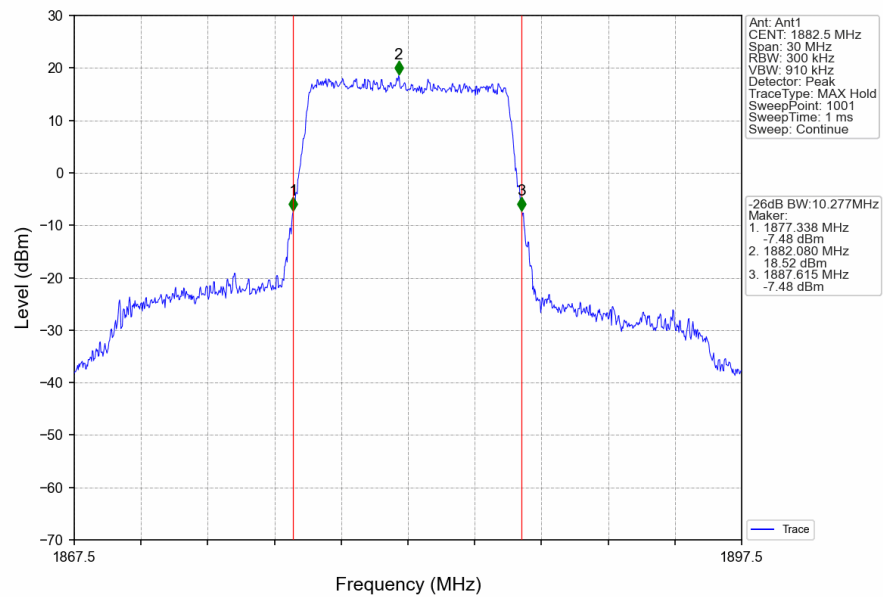
Band25\_5MHz\_16QAM\_HCH\_1912.5MHz\_RB\_25\_0\_NTNV



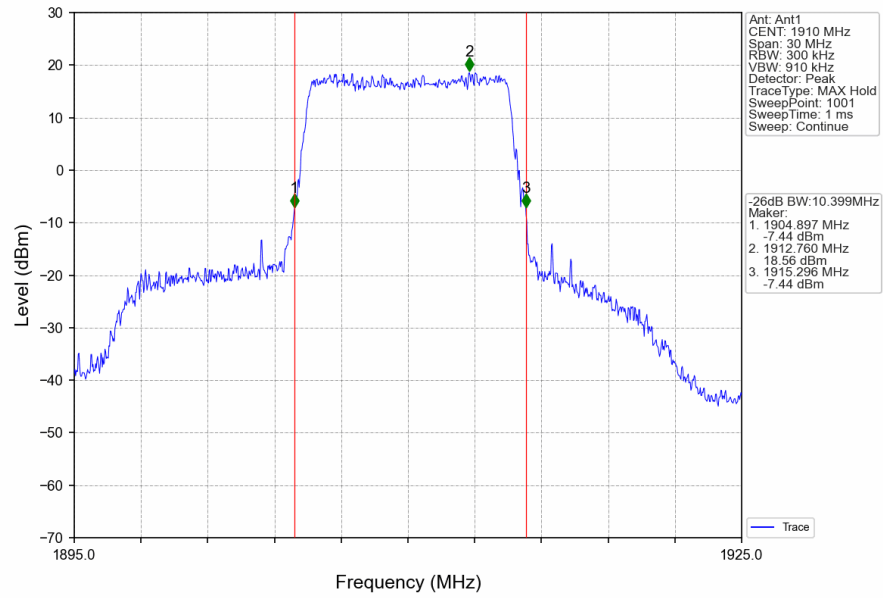
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



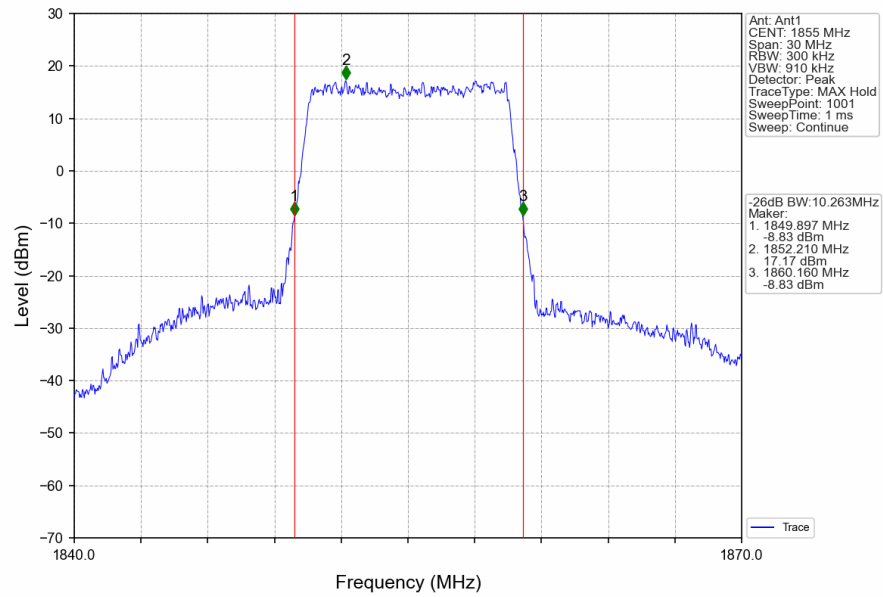
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



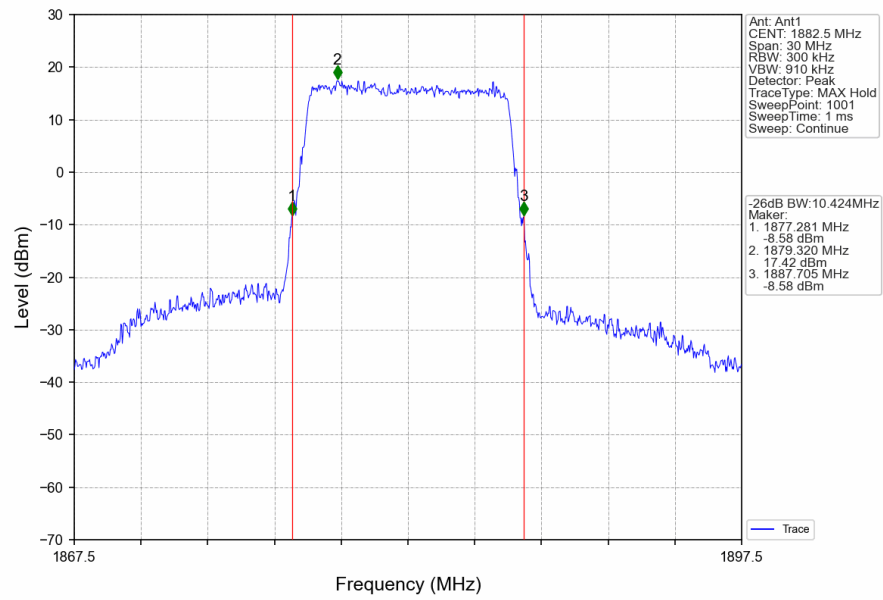
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



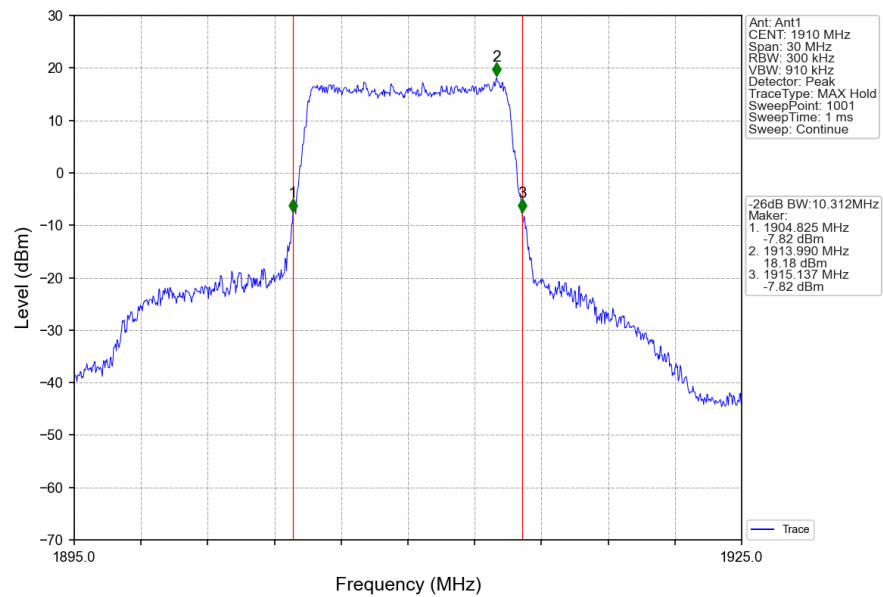
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



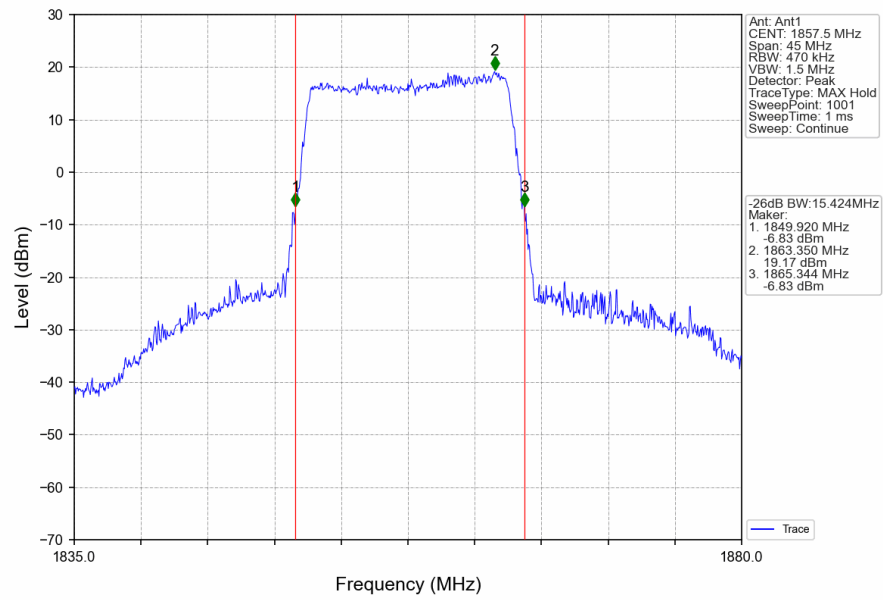
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



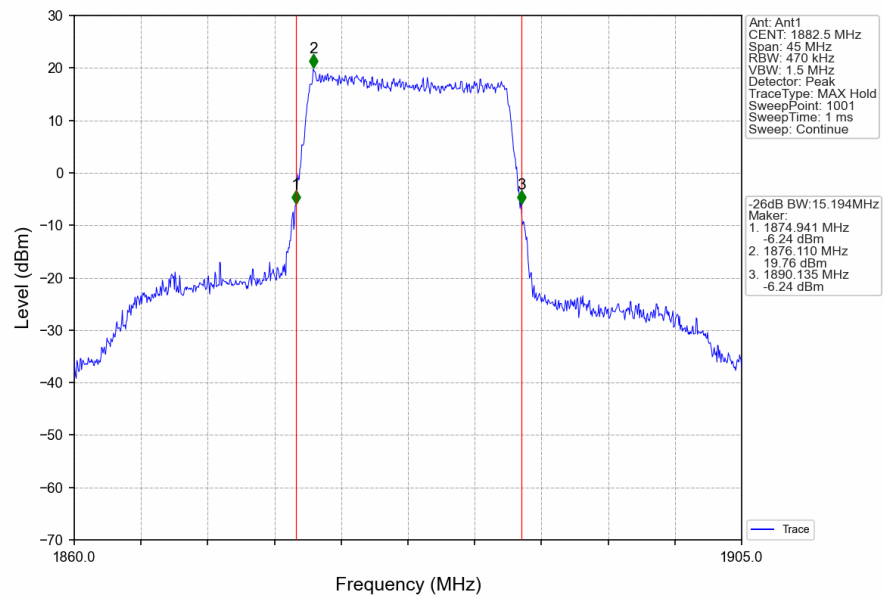
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_50\_0\_NTNV



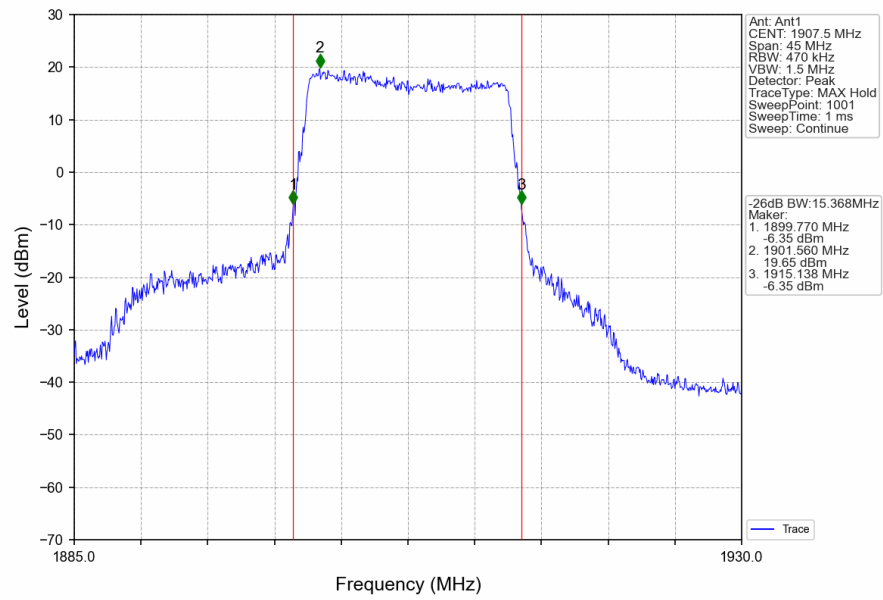
# Band25 15MHz QPSK LCH 1857.5MHz RB 75 0 NTN



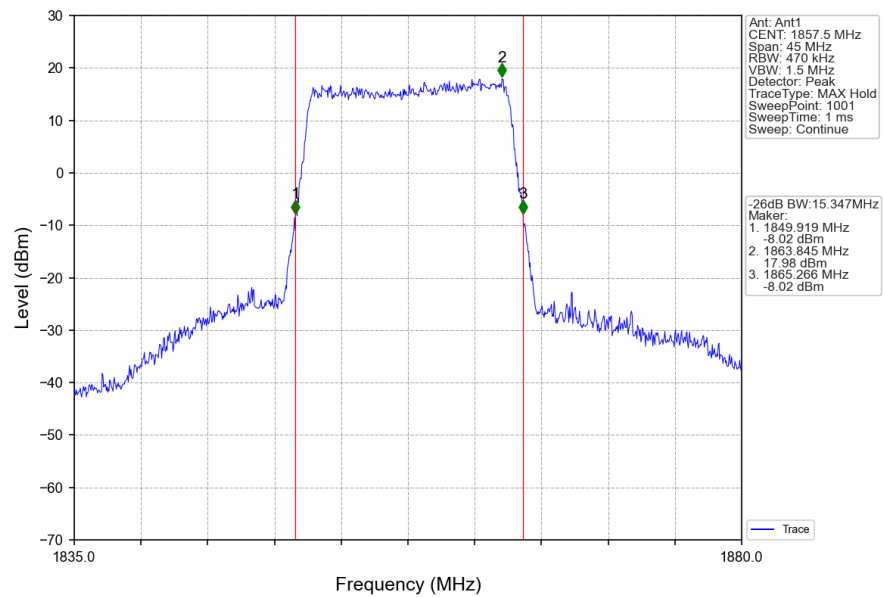
# Band25 15MHz QPSK MCH 1882.5MHz RB 75 0 NTN



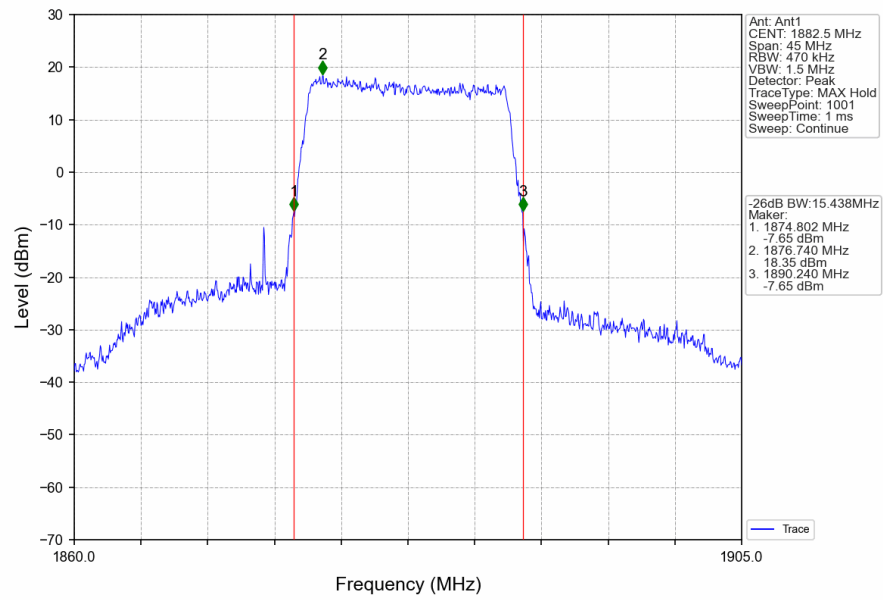
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



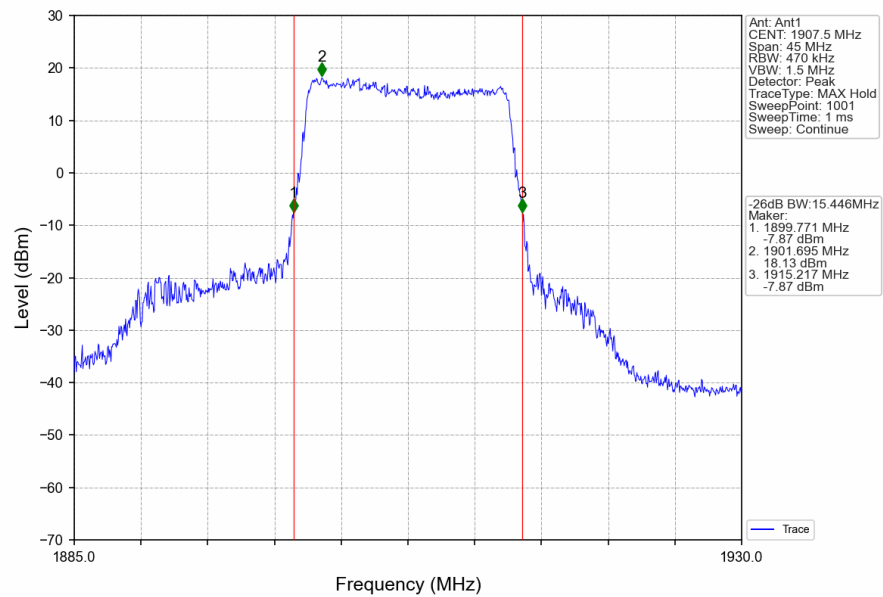
Band25\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



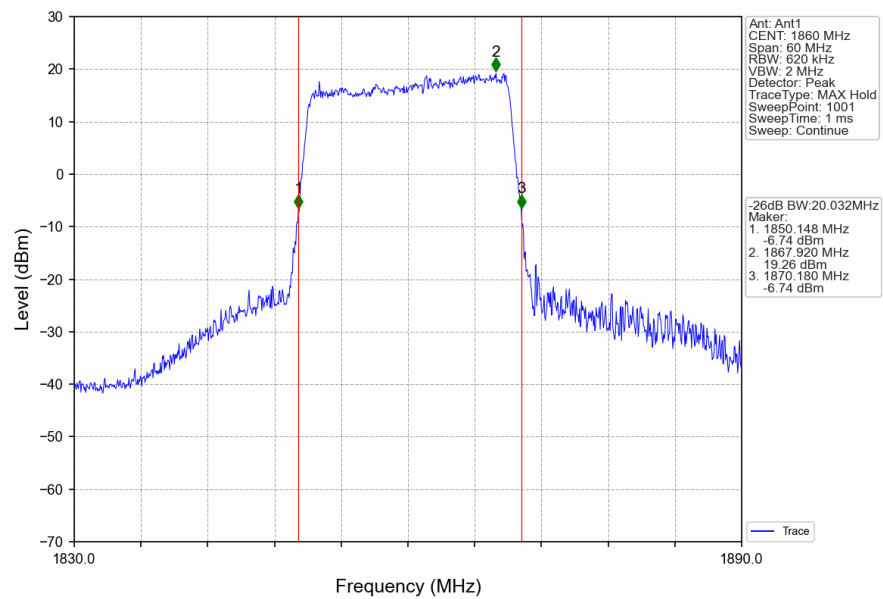
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



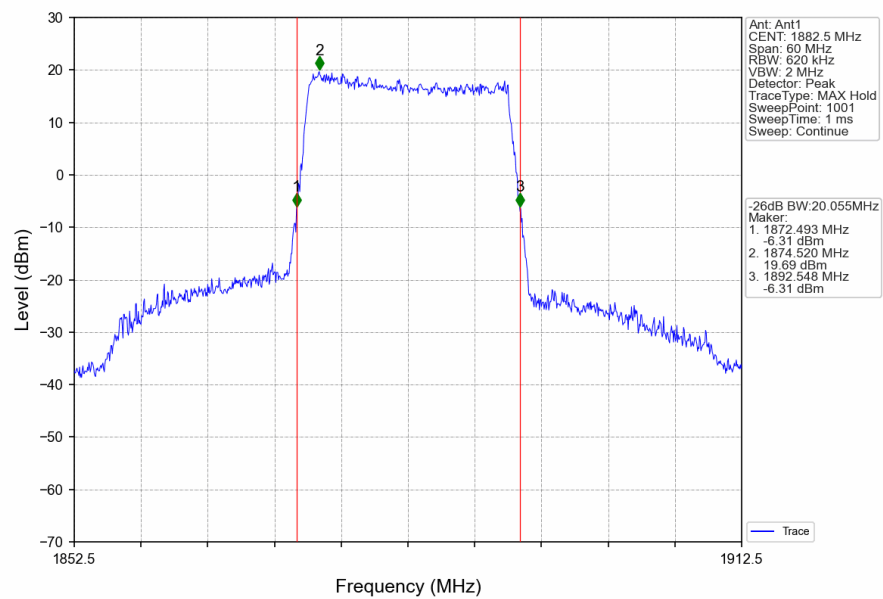
Band25\_15MHz\_16QAM\_HCH\_1907.5MHz\_RB\_75\_0\_NTNV



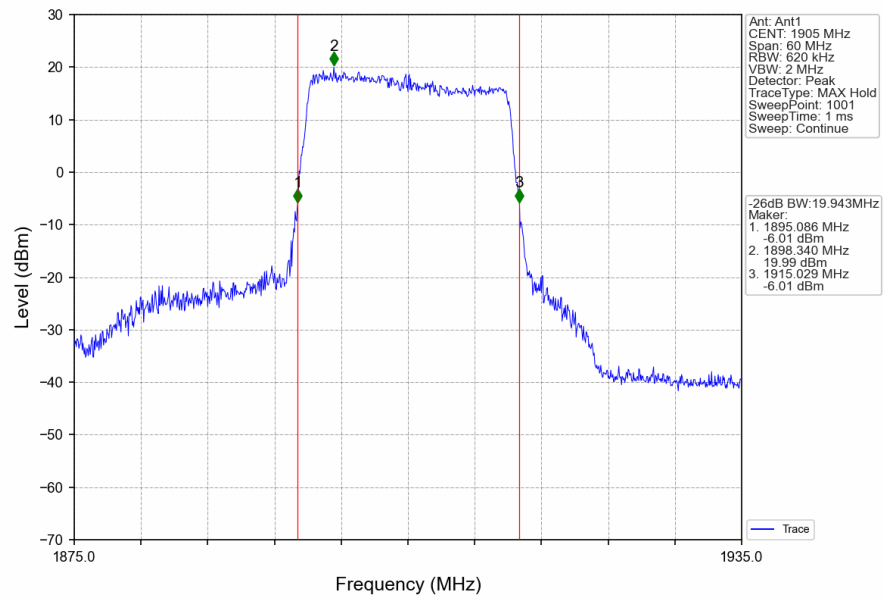
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



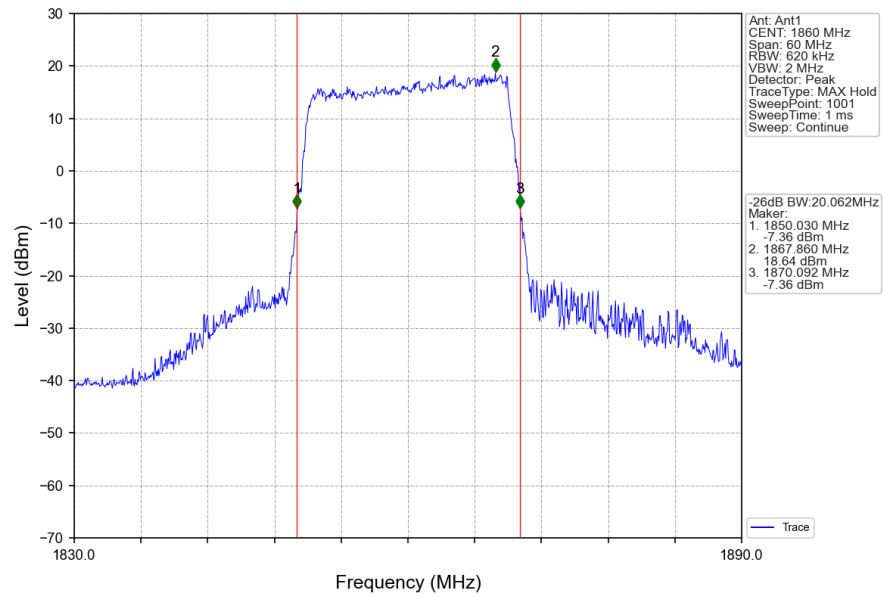
Band25\_20MHz\_QPSK\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



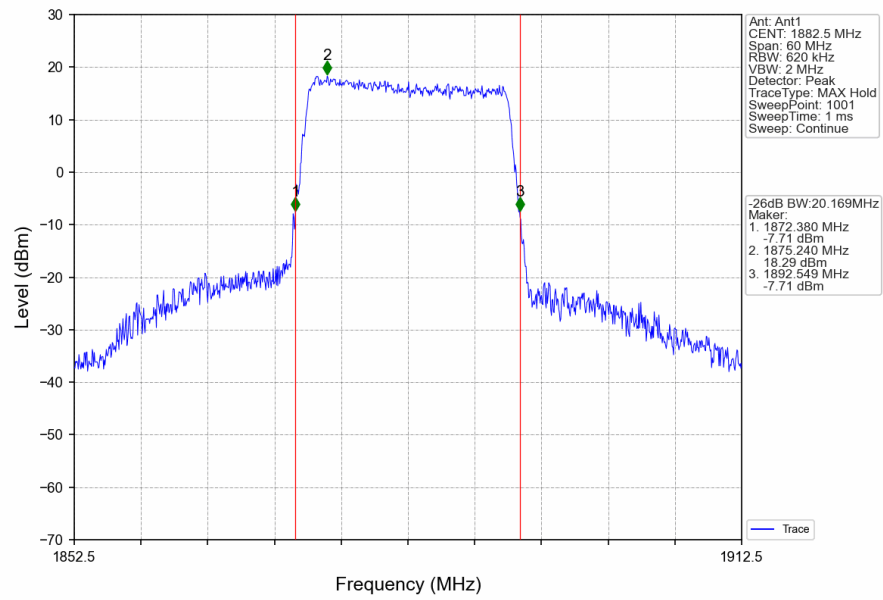
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTN



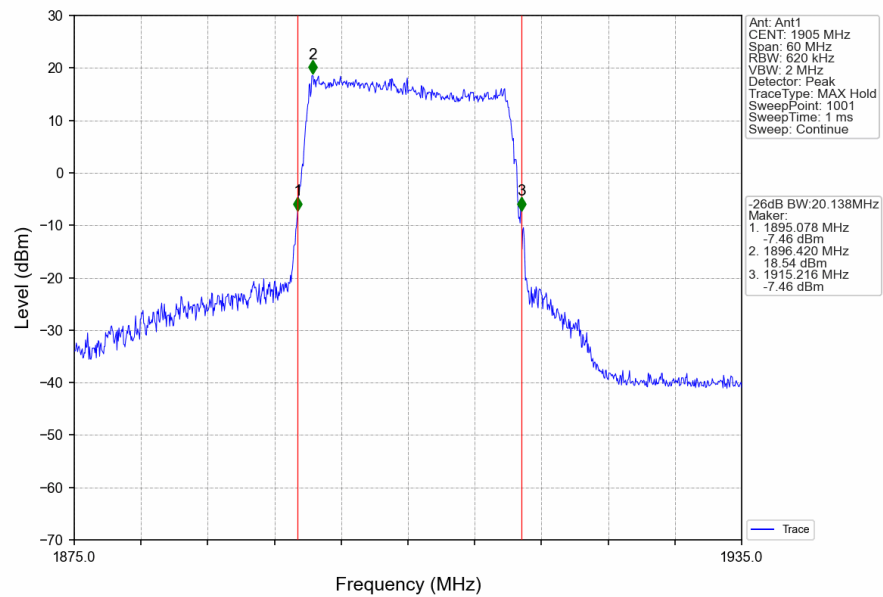
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTN



Band25\_20MHz\_16QAM\_MCH\_1882.5MHz\_RB\_100\_0\_NTNV



Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_100\_0\_NTNV



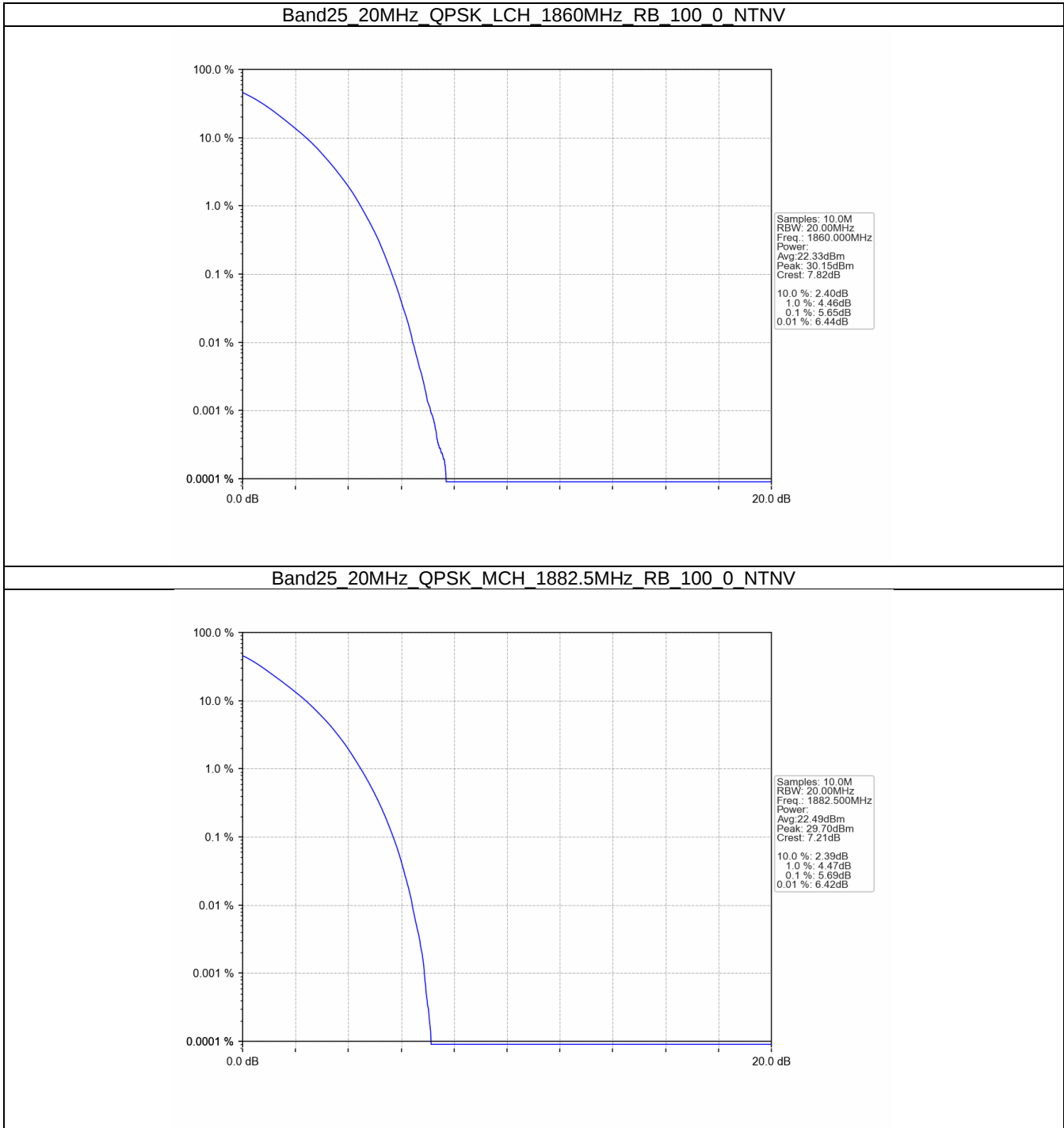
## 4. Peak-Average Ratio

### 4.1 B25\_20MHz

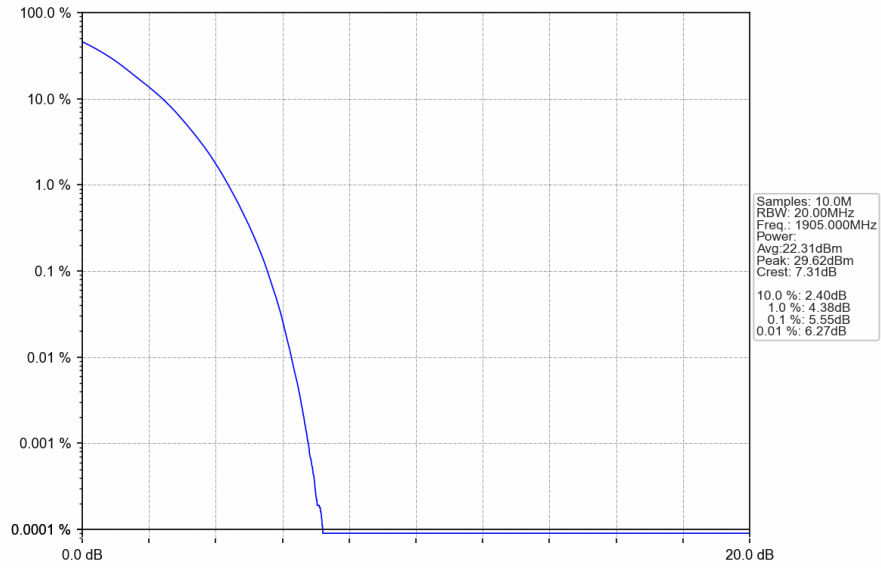
#### 4.1.1 Test Result

| Band: 25 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1860            | 100           | 0      | 5.65                    | <=13  | Pass    |
|                                    | 1882.5          | 100           | 0      | 5.69                    | <=13  | Pass    |
|                                    | 1905            | 100           | 0      | 5.55                    | <=13  | Pass    |
| 16QAM                              | 1860            | 100           | 0      | 6.42                    | <=13  | Pass    |
|                                    | 1882.5          | 100           | 0      | 6.40                    | <=13  | Pass    |
|                                    | 1905            | 100           | 0      | 6.23                    | <=13  | Pass    |

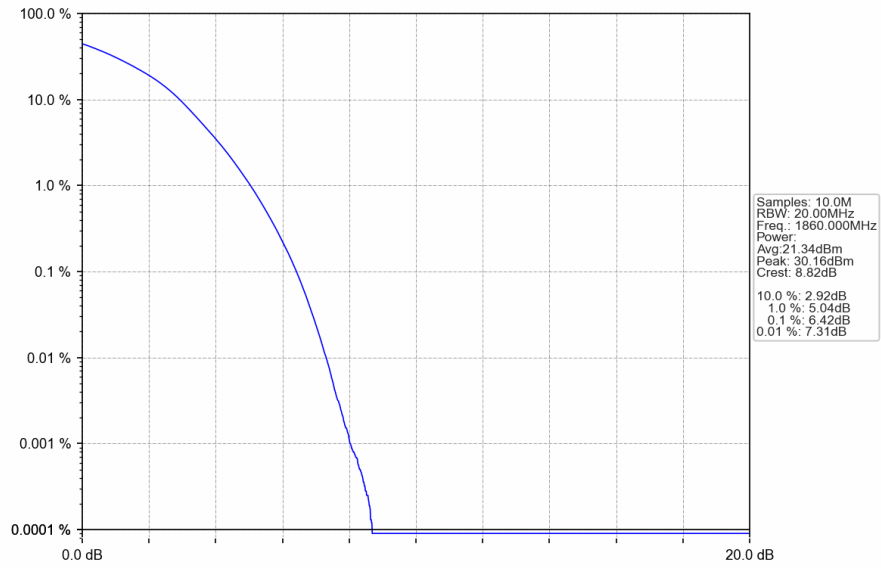
4.1.2 Test Graph



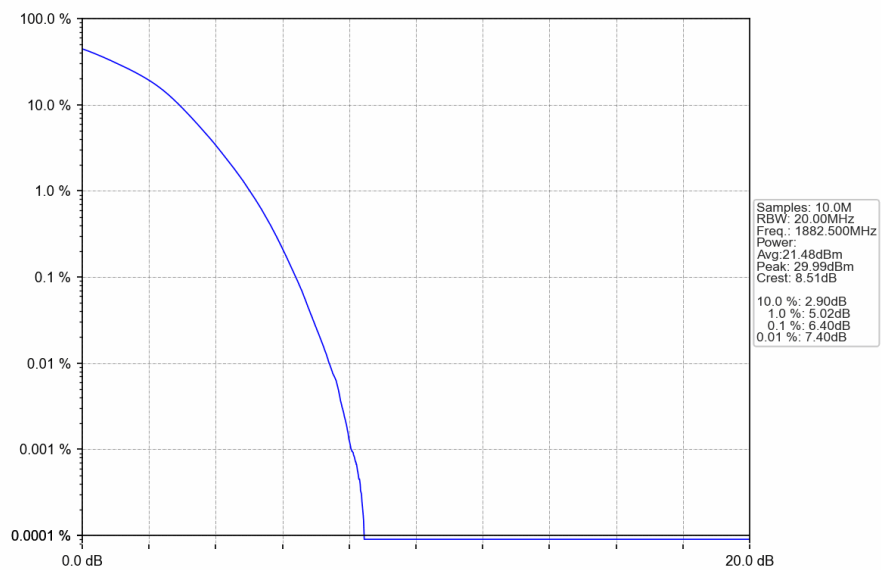
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTNV



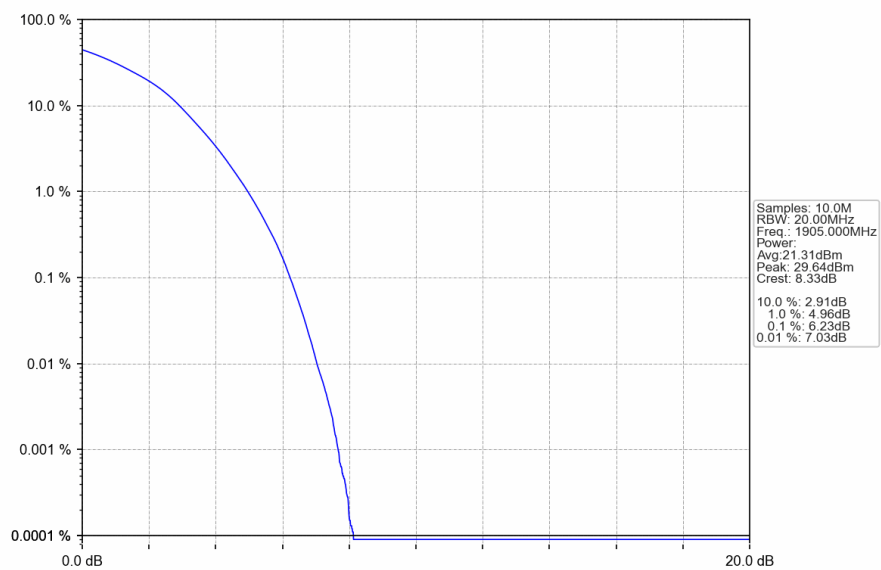
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTV



Band25 20MHz 16QAM HCH 1905MHz RB 100 0 NTV



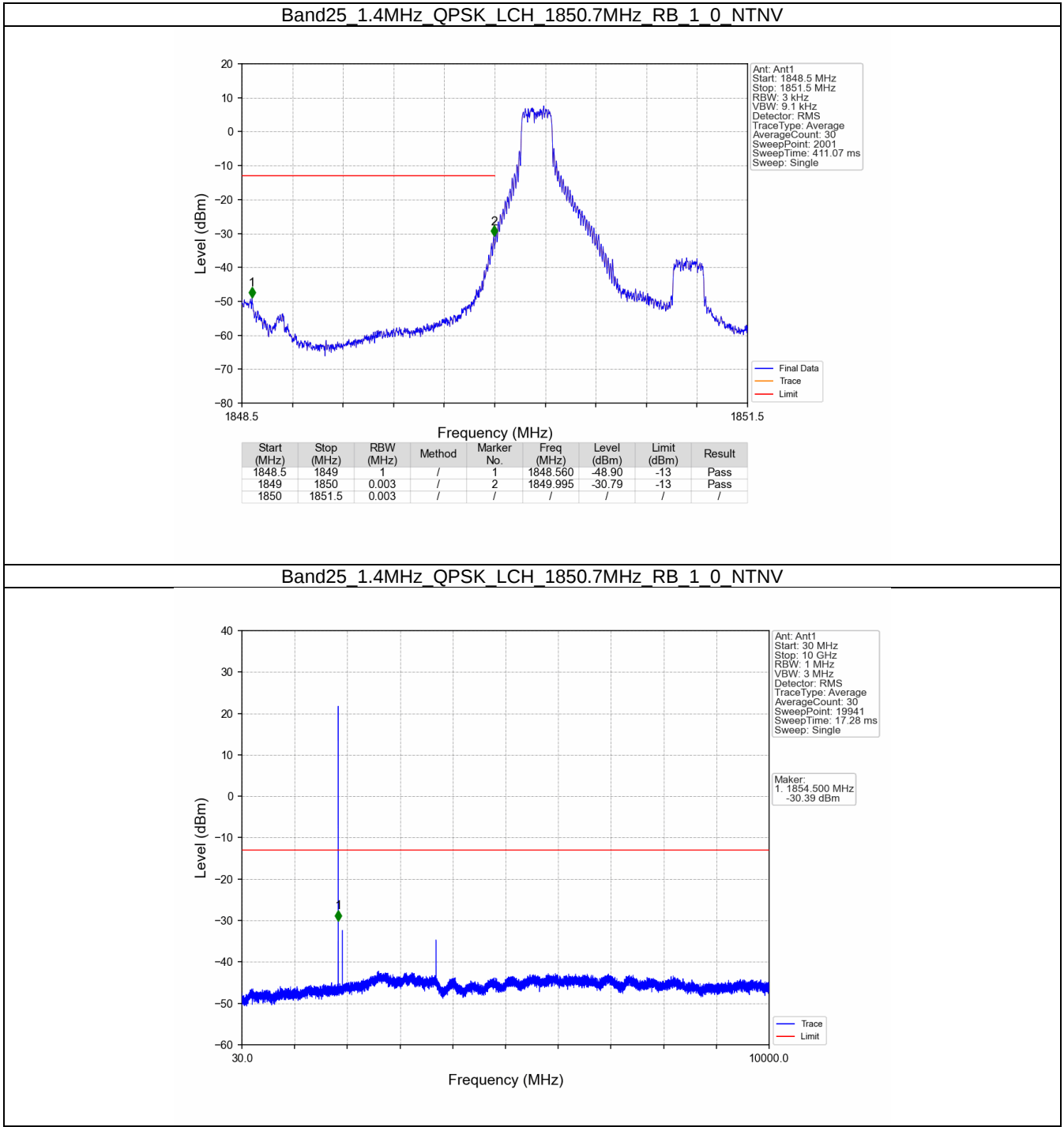
## 5. Spurious Emission

### 5.1 B25\_1.4MHz

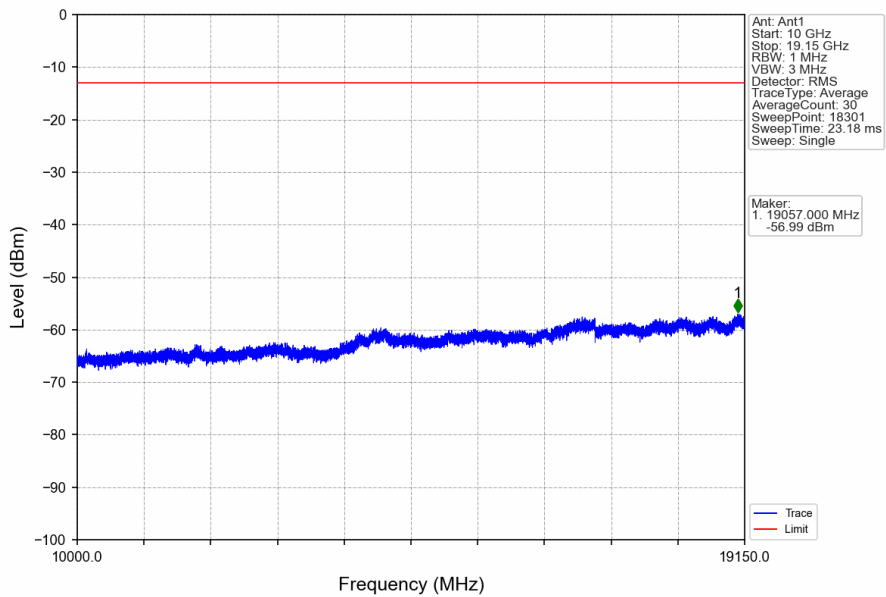
#### 5.1.1 Test Result

| Band: 25 / Bandwidth: 1.4MHz / NTN |                 |               |        |                     |       |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       |
|                                    |                 | Size          | Offset | Result              | Limit |
| QPSK                               | 1850.7          | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 | 6             | 0      | Refer To Test Graph | Pass  |
|                                    | 1882.5          | 1             | 0      | Refer To Test Graph | Pass  |
|                                    | 1914.3          | 1             | 0      | Refer To Test Graph | Pass  |
|                                    |                 |               | 5      | Refer To Test Graph | Pass  |
|                                    |                 | 6             | 0      | Refer To Test Graph | Pass  |

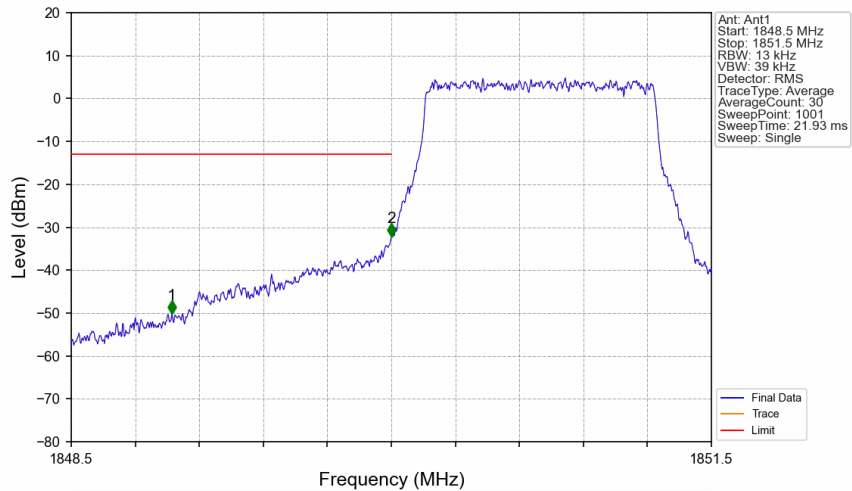
5.1.2 Test Graph



Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTNV

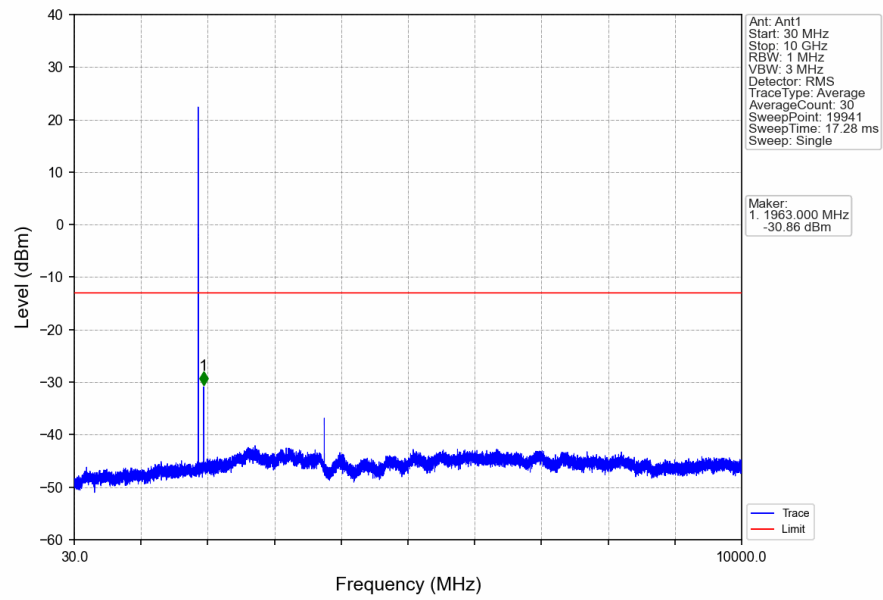


Band25 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTNV

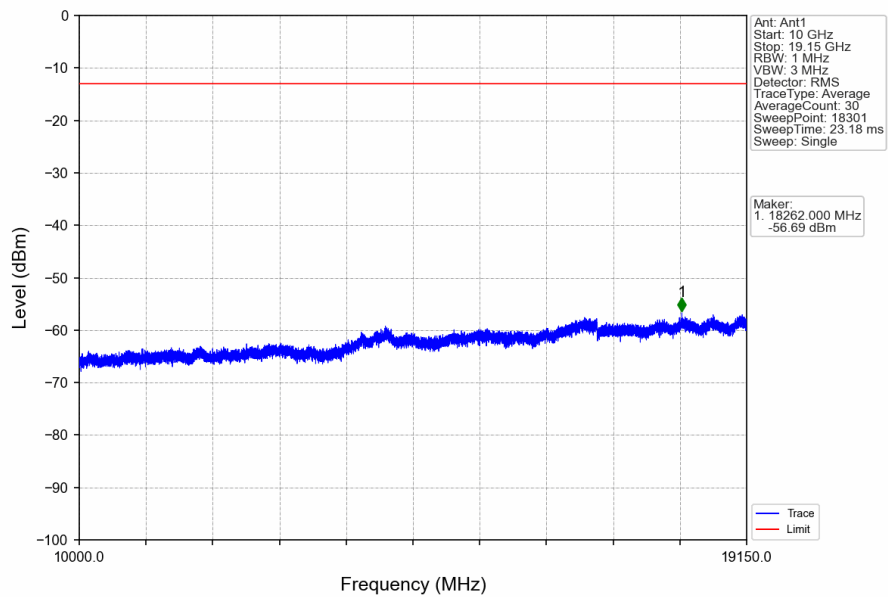


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1848.5      | 1849       | 1         | /      | 1          | 1848.971   | -50.27      | -13         | Pass   |
| 1849        | 1850       | 0.013     | /      | 2          | 1850.000   | -32.23      | -13         | Pass   |
| 1850        | 1851.5     | 0.013     | /      | /          | /          | /           | /           | /      |

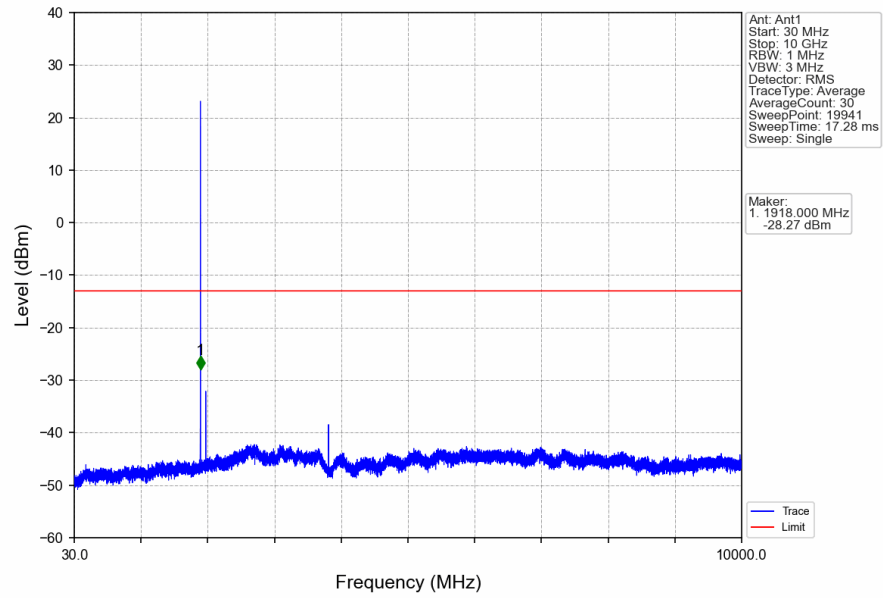
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTN



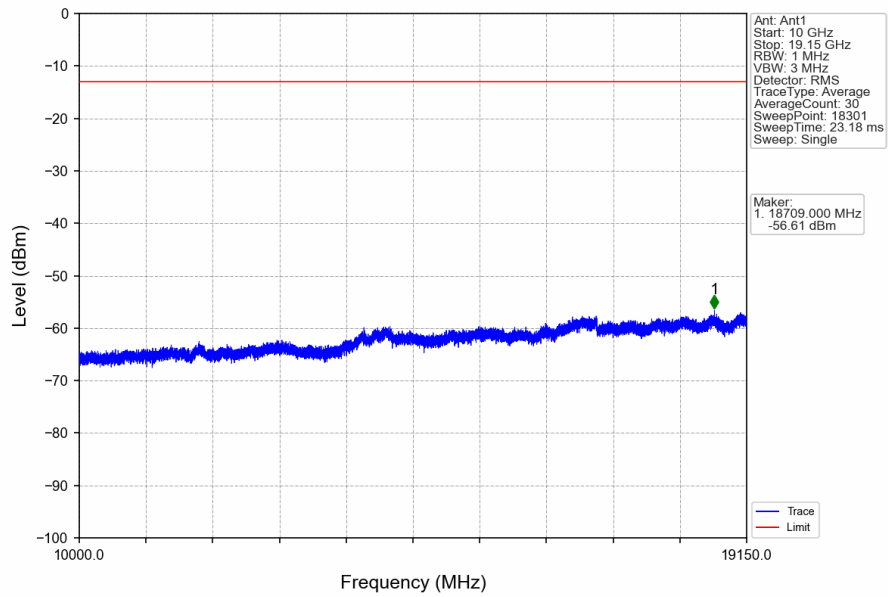
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTN



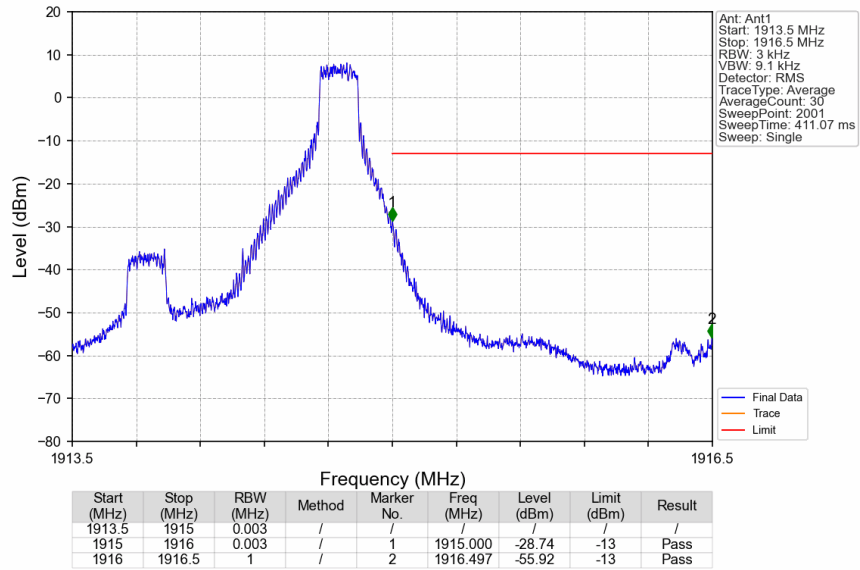
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTN



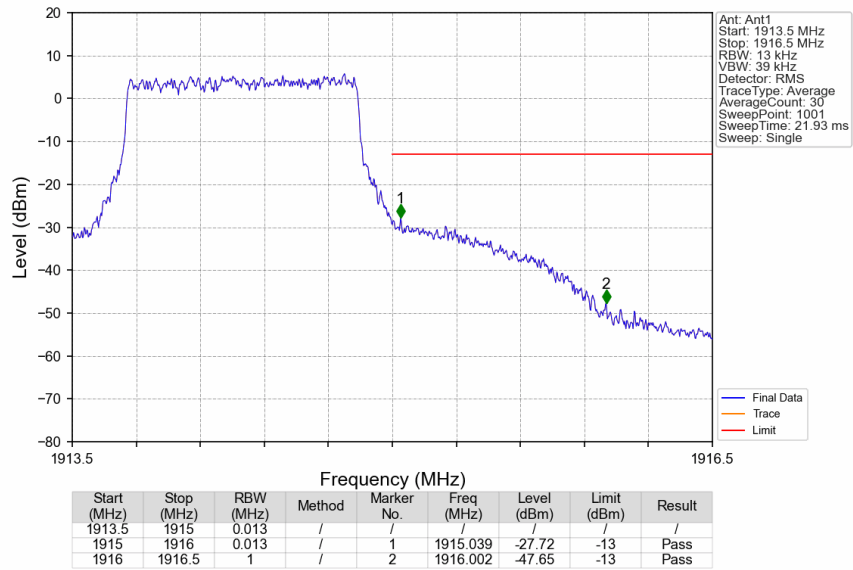
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTN



# Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 5 NTN



# Band25\_1.4MHz\_QPSK\_HCH\_1914.3MHz\_RB\_6\_0 NTN



## 5.2 B25\_3MHz

### 5.2.1 Test Result

| Band: 25 / Bandwidth: 3MHz / NTN |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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    |
|                                  | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1913.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |