

## 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      | 22.13                 | 0.18       | 22.31      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 22.23                 | 0.18       | 22.41      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 22.11                 | 0.18       | 22.29      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 22.30                 | 0.18       | 22.48      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 22.28                 | 0.18       | 22.46      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 22.28                 | 0.18       | 22.46      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 21.19                 | 0.18       | 21.37      | <=33.01 | Pass    |
|                                     | 1882.5          | 1             | 0      | 21.21                 | 0.18       | 21.39      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 21.32                 | 0.18       | 21.50      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 21.22                 | 0.18       | 21.40      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 21.33                 | 0.18       | 21.51      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 21.35                 | 0.18       | 21.53      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 21.31                 | 0.18       | 21.49      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 20.33                 | 0.18       | 20.51      | <=33.01 | Pass    |
|                                     | 1914.3          | 1             | 0      | 21.81                 | 0.18       | 21.99      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 21.92                 | 0.18       | 22.10      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 21.83                 | 0.18       | 22.01      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 21.95                 | 0.18       | 22.13      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 21.96                 | 0.18       | 22.14      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 21.94                 | 0.18       | 22.12      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 20.92                 | 0.18       | 21.10      | <=33.01 | Pass    |
| 16QAM                               | 1850.7          | 1             | 0      | 21.16                 | 0.18       | 21.34      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 21.28                 | 0.18       | 21.46      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 21.20                 | 0.18       | 21.38      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 21.37                 | 0.18       | 21.55      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 21.35                 | 0.18       | 21.53      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 21.31                 | 0.18       | 21.49      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 20.18                 | 0.18       | 20.36      | <=33.01 | Pass    |
|                                     | 1882.5          | 1             | 0      | 20.42                 | 0.18       | 20.60      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 20.54                 | 0.18       | 20.72      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 20.45                 | 0.18       | 20.63      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 20.39                 | 0.18       | 20.57      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 20.39                 | 0.18       | 20.57      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 20.39                 | 0.18       | 20.57      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 19.36                 | 0.18       | 19.54      | <=33.01 | Pass    |
|                                     | 1914.3          | 1             | 0      | 20.80                 | 0.18       | 20.98      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 20.88                 | 0.18       | 21.06      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 20.82                 | 0.18       | 21.00      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 21.10                 | 0.18       | 21.28      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 21.16                 | 0.18       | 21.34      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 21.11                 | 0.18       | 21.29      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 19.93                 | 0.18       | 20.11      | <=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      | 22.30                 | 0.18       | 22.48      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 22.38                 | 0.18       | 22.56      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 22.19                 | 0.18       | 22.37      | <=33.01 | Pass    |
|                                          |                 | 8             | 0      | 21.28                 | 0.18       | 21.46      | <=33.01 | Pass    |
|                                          |                 |               | 4      | 21.27                 | 0.18       | 21.45      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 21.22                 | 0.18       | 21.40      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 21.24                 | 0.18       | 21.42      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 21.35                 | 0.18       | 21.53      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 21.56                 | 0.18       | 21.74      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 21.32                 | 0.18       | 21.50      | <=33.01 | Pass    |
|                                          |                 | 8             | 0      | 20.43                 | 0.18       | 20.61      | <=33.01 | Pass    |
|                                          |                 |               | 4      | 20.44                 | 0.18       | 20.62      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 20.40                 | 0.18       | 20.58      | <=33.01 | Pass    |
|                                          | 15              | 0             | 20.42  | 0.18                  | 20.60      | <=33.01    | Pass    |         |
|                                          | 1913.5          | 1             | 0      | 21.47                 | 0.18       | 21.65      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 21.66                 | 0.18       | 21.84      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 21.53                 | 0.18       | 21.71      | <=33.01 | Pass    |
|                                          |                 | 8             | 0      | 20.51                 | 0.18       | 20.69      | <=33.01 | Pass    |
|                                          |                 |               | 4      | 20.57                 | 0.18       | 20.75      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 20.59                 | 0.18       | 20.77      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 20.55                 | 0.18       | 20.73      | <=33.01 | Pass    |
| 16QAM                                    |                 | 1851.5        | 1      | 0                     | 21.30      | 0.18       | 21.48   | <=33.01 |
|                                          | 7               |               |        | 21.43                 | 0.18       | 21.61      | <=33.01 | Pass    |
|                                          | 14              |               |        | 21.20                 | 0.18       | 21.38      | <=33.01 | Pass    |
|                                          | 8               |               | 0      | 20.37                 | 0.18       | 20.55      | <=33.01 | Pass    |
|                                          |                 |               | 4      | 20.38                 | 0.18       | 20.56      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 20.33                 | 0.18       | 20.51      | <=33.01 | Pass    |
|                                          | 15              |               | 0      | 20.34                 | 0.18       | 20.52      | <=33.01 | Pass    |
|                                          | 1882.5          | 1             | 0      | 20.53                 | 0.18       | 20.71      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 20.60                 | 0.18       | 20.78      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 20.12                 | 0.18       | 20.30      | <=33.01 | Pass    |
|                                          |                 | 8             | 0      | 18.91                 | 0.18       | 19.09      | <=33.01 | Pass    |
|                                          |                 |               | 4      | 18.93                 | 0.18       | 19.11      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 18.87                 | 0.18       | 19.05      | <=33.01 | Pass    |
|                                          | 15              | 0             | 18.90  | 0.18                  | 19.08      | <=33.01    | Pass    |         |
|                                          | 1913.5          | 1             | 0      | 21.05                 | 0.18       | 21.23      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 21.20                 | 0.18       | 21.38      | <=33.01 | Pass    |
|                                          |                 |               | 14     | 21.01                 | 0.18       | 21.19      | <=33.01 | Pass    |
|                                          |                 | 8             | 0      | 19.69                 | 0.18       | 19.87      | <=33.01 | Pass    |
|                                          |                 |               | 4      | 19.75                 | 0.18       | 19.93      | <=33.01 | Pass    |
|                                          |                 |               | 7      | 19.73                 | 0.18       | 19.91      | <=33.01 | Pass    |
|                                          |                 | 15            | 0      | 19.64                 | 0.18       | 19.82      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

### 1.3 B25\_5MHz\_EIRP

#### 1.3.1 Test Result

|                                   |
|-----------------------------------|
| Band: 25 / Bandwidth: 5MHz / NTNV |
|-----------------------------------|

| Modulation                               | Frequency<br>(MHz) | RB Allocation |        | Conducted Power<br>(dBm) | Gain<br>(dBi) | EIRP (dBm) |         | Verdict |      |
|------------------------------------------|--------------------|---------------|--------|--------------------------|---------------|------------|---------|---------|------|
|                                          |                    | Size          | Offset |                          |               | Result     | Limit   |         |      |
| QPSK                                     | 1852.5             | 1             | 0      | 21.69                    | 0.18          | 21.87      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 21.80                    | 0.18          | 21.98      | <=33.01 | Pass    |      |
|                                          |                    |               | 24     | 21.55                    | 0.18          | 21.73      | <=33.01 | Pass    |      |
|                                          |                    | 12            | 0      | 20.78                    | 0.18          | 20.96      | <=33.01 | Pass    |      |
|                                          |                    |               | 6      | 20.80                    | 0.18          | 20.98      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 20.65                    | 0.18          | 20.83      | <=33.01 | Pass    |      |
|                                          |                    | 25            | 0      | 20.76                    | 0.18          | 20.94      | <=33.01 | Pass    |      |
|                                          |                    | 1882.5        | 1      | 0                        | 20.81         | 0.18       | 20.99   | <=33.01 | Pass |
|                                          |                    |               |        | 13                       | 20.93         | 0.18       | 21.11   | <=33.01 | Pass |
|                                          | 24                 |               |        | 20.87                    | 0.18          | 21.05      | <=33.01 | Pass    |      |
|                                          | 12                 |               | 0      | 19.89                    | 0.18          | 20.07      | <=33.01 | Pass    |      |
|                                          |                    |               | 6      | 19.95                    | 0.18          | 20.13      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 19.90                    | 0.18          | 20.08      | <=33.01 | Pass    |      |
|                                          | 25                 | 0             | 19.93  | 0.18                     | 20.11         | <=33.01    | Pass    |         |      |
|                                          | 1912.5             | 1             | 0      | 21.34                    | 0.18          | 21.52      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 21.53                    | 0.18          | 21.71      | <=33.01 | Pass    |      |
|                                          |                    |               | 24     | 21.46                    | 0.18          | 21.64      | <=33.01 | Pass    |      |
|                                          |                    | 12            | 0      | 20.47                    | 0.18          | 20.65      | <=33.01 | Pass    |      |
|                                          |                    |               | 6      | 20.56                    | 0.18          | 20.74      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 20.55                    | 0.18          | 20.73      | <=33.01 | Pass    |      |
|                                          |                    | 25            | 0      | 20.52                    | 0.18          | 20.70      | <=33.01 | Pass    |      |
| 16QAM                                    |                    | 1852.5        | 1      | 0                        | 20.85         | 0.18       | 21.03   | <=33.01 | Pass |
|                                          |                    |               |        | 13                       | 20.91         | 0.18       | 21.09   | <=33.01 | Pass |
|                                          | 24                 |               |        | 20.68                    | 0.18          | 20.86      | <=33.01 | Pass    |      |
|                                          | 12                 |               | 0      | 19.83                    | 0.18          | 20.01      | <=33.01 | Pass    |      |
|                                          |                    |               | 6      | 19.82                    | 0.18          | 20.00      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 19.67                    | 0.18          | 19.85      | <=33.01 | Pass    |      |
|                                          | 25                 |               | 0      | 19.81                    | 0.18          | 19.99      | <=33.01 | Pass    |      |
|                                          | 1882.5             | 1             | 0      | 20.09                    | 0.18          | 20.27      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 20.28                    | 0.18          | 20.46      | <=33.01 | Pass    |      |
|                                          |                    |               | 24     | 20.13                    | 0.18          | 20.31      | <=33.01 | Pass    |      |
|                                          |                    | 12            | 0      | 18.94                    | 0.18          | 19.12      | <=33.01 | Pass    |      |
|                                          |                    |               | 6      | 19.04                    | 0.18          | 19.22      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 18.94                    | 0.18          | 19.12      | <=33.01 | Pass    |      |
|                                          | 25                 | 0             | 18.89  | 0.18                     | 19.07         | <=33.01    | Pass    |         |      |
|                                          | 1912.5             | 1             | 0      | 20.25                    | 0.18          | 20.43      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 20.40                    | 0.18          | 20.58      | <=33.01 | Pass    |      |
|                                          |                    |               | 24     | 20.28                    | 0.18          | 20.46      | <=33.01 | Pass    |      |
|                                          |                    | 12            | 0      | 19.54                    | 0.18          | 19.72      | <=33.01 | Pass    |      |
|                                          |                    |               | 6      | 19.59                    | 0.18          | 19.77      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 19.56                    | 0.18          | 19.74      | <=33.01 | Pass    |      |
|                                          |                    | 25            | 0      | 19.55                    | 0.18          | 19.73      | <=33.01 | Pass    |      |
| Note1: EIRP=Conducted Power+Antenna Gain |                    |               |        |                          |               |            |         |         |      |

## 1.4 B25\_10MHz\_EIRP

### 1.4.1 Test Result

| Band: 25 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 1855            | 1             | 0      | 21.77                 | 0.18       | 21.95      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.76                 | 0.18       | 21.94      | <=33.01 | Pass    |

|        |                                          |      |    |       |       |       |         |         |      |
|--------|------------------------------------------|------|----|-------|-------|-------|---------|---------|------|
|        |                                          |      | 49 | 21.47 | 0.18  | 21.65 | <=33.01 | Pass    |      |
|        |                                          | 25   | 0  | 20.81 | 0.18  | 20.99 | <=33.01 | Pass    |      |
|        |                                          |      | 13 | 20.70 | 0.18  | 20.88 | <=33.01 | Pass    |      |
|        |                                          |      | 25 | 20.59 | 0.18  | 20.77 | <=33.01 | Pass    |      |
|        |                                          | 50   | 0  | 20.74 | 0.18  | 20.92 | <=33.01 | Pass    |      |
|        | 1882.5                                   | 1    | 0  | 20.88 | 0.18  | 21.06 | <=33.01 | Pass    |      |
|        |                                          |      | 25 | 21.03 | 0.18  | 21.21 | <=33.01 | Pass    |      |
|        |                                          |      | 49 | 20.90 | 0.18  | 21.08 | <=33.01 | Pass    |      |
|        |                                          | 25   | 0  | 19.93 | 0.18  | 20.11 | <=33.01 | Pass    |      |
|        |                                          |      | 13 | 19.95 | 0.18  | 20.13 | <=33.01 | Pass    |      |
|        |                                          |      | 25 | 19.88 | 0.18  | 20.06 | <=33.01 | Pass    |      |
|        |                                          | 50   | 0  | 19.95 | 0.18  | 20.13 | <=33.01 | Pass    |      |
|        |                                          | 1910 | 1  | 0     | 21.22 | 0.18  | 21.40   | <=33.01 | Pass |
|        |                                          |      |    | 25    | 21.54 | 0.18  | 21.72   | <=33.01 | Pass |
|        | 49                                       |      |    | 21.52 | 0.18  | 21.70 | <=33.01 | Pass    |      |
|        | 25                                       |      | 0  | 20.52 | 0.18  | 20.70 | <=33.01 | Pass    |      |
|        |                                          |      | 13 | 20.50 | 0.18  | 20.68 | <=33.01 | Pass    |      |
|        |                                          |      | 25 | 20.52 | 0.18  | 20.70 | <=33.01 | Pass    |      |
|        | 50                                       |      | 0  | 20.53 | 0.18  | 20.71 | <=33.01 | Pass    |      |
|        | 16QAM                                    | 1855 | 1  | 0     | 20.80 | 0.18  | 20.98   | <=33.01 | Pass |
|        |                                          |      |    | 25    | 20.79 | 0.18  | 20.97   | <=33.01 | Pass |
| 49     |                                          |      |    | 20.53 | 0.18  | 20.71 | <=33.01 | Pass    |      |
| 25     |                                          |      | 0  | 19.89 | 0.18  | 20.07 | <=33.01 | Pass    |      |
|        |                                          |      | 13 | 19.78 | 0.18  | 19.96 | <=33.01 | Pass    |      |
|        |                                          |      | 25 | 19.72 | 0.18  | 19.90 | <=33.01 | Pass    |      |
| 50     |                                          |      | 0  | 19.78 | 0.18  | 19.96 | <=33.01 | Pass    |      |
| 1882.5 |                                          | 1    | 0  | 20.08 | 0.18  | 20.26 | <=33.01 | Pass    |      |
|        |                                          |      | 25 | 20.24 | 0.18  | 20.42 | <=33.01 | Pass    |      |
|        |                                          |      | 49 | 20.08 | 0.18  | 20.26 | <=33.01 | Pass    |      |
|        |                                          | 25   | 0  | 18.93 | 0.18  | 19.11 | <=33.01 | Pass    |      |
|        |                                          |      | 13 | 18.97 | 0.18  | 19.15 | <=33.01 | Pass    |      |
|        |                                          |      | 25 | 18.92 | 0.18  | 19.10 | <=33.01 | Pass    |      |
|        |                                          | 50   | 0  | 18.92 | 0.18  | 19.10 | <=33.01 | Pass    |      |
| 1910   |                                          | 1    | 0  | 20.83 | 0.18  | 21.01 | <=33.01 | Pass    |      |
|        |                                          |      | 25 | 21.15 | 0.18  | 21.33 | <=33.01 | Pass    |      |
|        |                                          |      | 49 | 21.08 | 0.18  | 21.26 | <=33.01 | Pass    |      |
|        |                                          | 25   | 0  | 19.55 | 0.18  | 19.73 | <=33.01 | Pass    |      |
|        |                                          |      | 13 | 19.56 | 0.18  | 19.74 | <=33.01 | Pass    |      |
|        |                                          |      | 25 | 19.60 | 0.18  | 19.78 | <=33.01 | Pass    |      |
|        |                                          | 50   | 0  | 19.59 | 0.18  | 19.77 | <=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      | 21.68                 | 0.18       | 21.86      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 21.55                 | 0.18       | 21.73      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 21.17                 | 0.18       | 21.35      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 20.75                 | 0.18       | 20.93      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 20.62                 | 0.18       | 20.80      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 20.50                 | 0.18       | 20.68      | <=33.01 | Pass    |

|                                          |        |        |        |       |       |         |         |         |
|------------------------------------------|--------|--------|--------|-------|-------|---------|---------|---------|
|                                          | 1882.5 | 75     | 0      | 20.64 | 0.18  | 20.82   | <=33.01 | Pass    |
|                                          |        | 1      | 0      | 20.87 | 0.18  | 21.05   | <=33.01 | Pass    |
|                                          |        |        | 38     | 20.94 | 0.18  | 21.12   | <=33.01 | Pass    |
|                                          |        |        | 74     | 20.81 | 0.18  | 20.99   | <=33.01 | Pass    |
|                                          |        |        | 0      | 19.98 | 0.18  | 20.16   | <=33.01 | Pass    |
|                                          |        | 36     | 18     | 19.98 | 0.18  | 20.16   | <=33.01 | Pass    |
|                                          |        |        | 39     | 19.95 | 0.18  | 20.13   | <=33.01 | Pass    |
|                                          |        |        | 75     | 0     | 19.99 | 0.18    | 20.17   | <=33.01 |
|                                          |        | 1907.5 | 1      | 0     | 21.05 | 0.18    | 21.23   | <=33.01 |
|                                          | 38     |        |        | 21.32 | 0.18  | 21.50   | <=33.01 | Pass    |
|                                          | 74     |        |        | 21.43 | 0.18  | 21.61   | <=33.01 | Pass    |
|                                          | 36     |        | 0      | 20.31 | 0.18  | 20.49   | <=33.01 | Pass    |
|                                          |        |        | 18     | 20.46 | 0.18  | 20.64   | <=33.01 | Pass    |
|                                          |        |        | 39     | 20.50 | 0.18  | 20.68   | <=33.01 | Pass    |
|                                          |        |        | 75     | 0     | 20.46 | 0.18    | 20.64   | <=33.01 |
|                                          | 16QAM  |        | 1857.5 | 1     | 0     | 21.07   | 0.18    | 21.25   |
| 38                                       |        | 20.99  |        |       | 0.18  | 21.17   | <=33.01 | Pass    |
| 74                                       |        | 20.64  |        |       | 0.18  | 20.82   | <=33.01 | Pass    |
| 36                                       |        | 0      |        | 19.75 | 0.18  | 19.93   | <=33.01 | Pass    |
|                                          |        | 18     |        | 19.64 | 0.18  | 19.82   | <=33.01 | Pass    |
|                                          |        | 39     |        | 19.52 | 0.18  | 19.70   | <=33.01 | Pass    |
| 75                                       |        | 0      | 19.62  | 0.18  | 19.80 | <=33.01 | Pass    |         |
| 1882.5                                   |        | 1      | 0      | 20.04 | 0.18  | 20.22   | <=33.01 | Pass    |
|                                          |        |        | 38     | 20.15 | 0.18  | 20.33   | <=33.01 | Pass    |
|                                          |        |        | 74     | 20.06 | 0.18  | 20.24   | <=33.01 | Pass    |
|                                          |        | 36     | 0      | 18.99 | 0.18  | 19.17   | <=33.01 | Pass    |
|                                          |        |        | 18     | 19.00 | 0.18  | 19.18   | <=33.01 | Pass    |
|                                          |        |        | 39     | 18.94 | 0.18  | 19.12   | <=33.01 | Pass    |
| 75                                       |        | 0      | 18.95  | 0.18  | 19.13 | <=33.01 | Pass    |         |
| 1907.5                                   |        | 1      | 0      | 20.54 | 0.18  | 20.72   | <=33.01 | Pass    |
|                                          |        |        | 38     | 20.94 | 0.18  | 21.12   | <=33.01 | Pass    |
|                                          |        |        | 74     | 20.99 | 0.18  | 21.17   | <=33.01 | Pass    |
|                                          |        | 36     | 0      | 19.34 | 0.18  | 19.52   | <=33.01 | Pass    |
|                                          |        |        | 18     | 19.49 | 0.18  | 19.67   | <=33.01 | Pass    |
|                                          |        |        | 39     | 19.57 | 0.18  | 19.75   | <=33.01 | Pass    |
|                                          |        | 75     | 0      | 19.47 | 0.18  | 19.65   | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |        |       |       |         |         |         |

Note1: EIRP=Conducted Power+Antenna Gain

## 1.6 B25\_20MHz\_EIRP

### 1.6.1 Test Result

| Band: 25 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 1860            | 1             | 0      | 21.49                 | 0.18       | 21.67      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.59                 | 0.18       | 21.77      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 20.87                 | 0.18       | 21.05      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 20.81                 | 0.18       | 20.99      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 20.58                 | 0.18       | 20.76      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 20.41                 | 0.18       | 20.59      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 20.59                 | 0.18       | 20.77      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 20.75                 | 0.18       | 20.93      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.09                 | 0.18       | 21.27      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 20.73                 | 0.18       | 20.91      | <=33.01 | Pass    |

|                                          |        |     |    |       |      |       |         |      |
|------------------------------------------|--------|-----|----|-------|------|-------|---------|------|
|                                          |        | 50  | 0  | 19.95 | 0.18 | 20.13 | <=33.01 | Pass |
|                                          |        |     | 25 | 19.98 | 0.18 | 20.16 | <=33.01 | Pass |
|                                          |        |     | 50 | 19.91 | 0.18 | 20.09 | <=33.01 | Pass |
|                                          |        | 100 | 0  | 19.93 | 0.18 | 20.11 | <=33.01 | Pass |
|                                          | 1905   | 1   | 0  | 20.77 | 0.18 | 20.95 | <=33.01 | Pass |
|                                          |        |     | 50 | 21.43 | 0.18 | 21.61 | <=33.01 | Pass |
|                                          |        |     | 99 | 21.32 | 0.18 | 21.50 | <=33.01 | Pass |
|                                          |        | 50  | 0  | 20.13 | 0.18 | 20.31 | <=33.01 | Pass |
|                                          |        |     | 25 | 20.33 | 0.18 | 20.51 | <=33.01 | Pass |
|                                          |        |     | 50 | 20.38 | 0.18 | 20.56 | <=33.01 | Pass |
|                                          |        | 100 | 0  | 20.28 | 0.18 | 20.46 | <=33.01 | Pass |
|                                          |        |     |    |       |      |       |         |      |
| 16QAM                                    | 1860   | 1   | 0  | 21.12 | 0.18 | 21.30 | <=33.01 | Pass |
|                                          |        |     | 50 | 21.16 | 0.18 | 21.34 | <=33.01 | Pass |
|                                          |        |     | 99 | 20.44 | 0.18 | 20.62 | <=33.01 | Pass |
|                                          |        | 50  | 0  | 19.79 | 0.18 | 19.97 | <=33.01 | Pass |
|                                          |        |     | 25 | 19.56 | 0.18 | 19.74 | <=33.01 | Pass |
|                                          |        |     | 50 | 19.42 | 0.18 | 19.60 | <=33.01 | Pass |
|                                          |        | 100 | 0  | 19.61 | 0.18 | 19.79 | <=33.01 | Pass |
|                                          | 1882.5 | 1   | 0  | 19.99 | 0.18 | 20.17 | <=33.01 | Pass |
|                                          |        |     | 50 | 20.31 | 0.18 | 20.49 | <=33.01 | Pass |
|                                          |        |     | 99 | 20.00 | 0.18 | 20.18 | <=33.01 | Pass |
|                                          |        | 50  | 0  | 18.96 | 0.18 | 19.14 | <=33.01 | Pass |
|                                          |        |     | 25 | 18.98 | 0.18 | 19.16 | <=33.01 | Pass |
|                                          |        |     | 50 | 18.91 | 0.18 | 19.09 | <=33.01 | Pass |
|                                          |        | 100 | 0  | 18.97 | 0.18 | 19.15 | <=33.01 | Pass |
|                                          | 1905   | 1   | 0  | 20.05 | 0.18 | 20.23 | <=33.01 | Pass |
|                                          |        |     | 50 | 20.73 | 0.18 | 20.91 | <=33.01 | Pass |
|                                          |        |     | 99 | 20.61 | 0.18 | 20.79 | <=33.01 | Pass |
|                                          |        | 50  | 0  | 19.12 | 0.18 | 19.30 | <=33.01 | Pass |
|                                          |        |     | 25 | 19.33 | 0.18 | 19.51 | <=33.01 | Pass |
|                                          |        |     | 50 | 19.39 | 0.18 | 19.57 | <=33.01 | Pass |
|                                          |        | 100 | 0  | 19.29 | 0.18 | 19.47 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |        |     |    |       |      |       |         |      |

## 2. Frequency Stability

### 2.1 B25\_1.4MHz

#### 2.1.1 Test Result

| Band: 25 / Bandwidth: 1.4MHz |                 |               |        |            |               |                  |                       |             |         |
|------------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                   | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                              |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                         | 1850.7          | 6             | 0      | 20         | 3.27          | 3.276            | 0.0018                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 3.85          | -13.947          | -0.0075               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 4.43          | -14.648          | -0.0079               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 3.85          | -2.446           | -0.0013               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 3.85          | 0.830            | 0.0004                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 3.85          | -9.527           | -0.0051               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 3.85          | -12.259          | -0.0066               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 3.85          | 0.987            | 0.0005                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | 3.85          | -12.360          | -0.0067               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | 3.85          | -7.210           | -0.0039               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 50         | 3.85          | -10.643          | -0.0058               | -2.5 to 2.5 | Pass    |

|       |        |   |   |     |      |         |         |             |      |
|-------|--------|---|---|-----|------|---------|---------|-------------|------|
|       | 1882.5 | 6 | 0 | 20  | 3.27 | -0.758  | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | -11.401 | -0.0061 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | -15.993 | -0.0085 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | -12.975 | -0.0069 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | -6.437  | -0.0034 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | -2.317  | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | -7.968  | -0.0042 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | -9.198  | -0.0049 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | 7.296   | 0.0039  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | -6.781  | -0.0036 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | -19.369 | -0.0103 | -2.5 to 2.5 | Pass |
|       | 1914.3 | 6 | 0 | 20  | 3.27 | -17.209 | -0.0090 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | -6.666  | -0.0035 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | -10.858 | -0.0057 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | -13.247 | -0.0069 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | 5.994   | 0.0031  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | -12.703 | -0.0066 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | -3.433  | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | -7.782  | -0.0041 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | -6.638  | -0.0035 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | 7.854   | 0.0041  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | -2.561  | -0.0013 | -2.5 to 2.5 | Pass |
| 16QAM | 1850.7 | 6 | 0 | 20  | 3.27 | -16.122 | -0.0087 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | -10.514 | -0.0057 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | -10.314 | -0.0056 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | -8.183  | -0.0044 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | -12.760 | -0.0069 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | -13.919 | -0.0075 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | -12.474 | -0.0067 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | -12.918 | -0.0070 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | -3.304  | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | -6.180  | -0.0033 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | -3.104  | -0.0017 | -2.5 to 2.5 | Pass |
|       | 1882.5 | 6 | 0 | 20  | 3.27 | -17.295 | -0.0092 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | -9.370  | -0.0050 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | -17.753 | -0.0094 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | -1.688  | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | -13.905 | -0.0074 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | 1.602   | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | -3.033  | -0.0016 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | 0.601   | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | -5.879  | -0.0031 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | 0.615   | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | -11.730 | -0.0062 | -2.5 to 2.5 | Pass |
|       | 1914.3 | 6 | 0 | 20  | 3.27 | 1.960   | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | 4.578   | 0.0024  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | -9.885  | -0.0052 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | -0.486  | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | 6.294   | 0.0033  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | -14.462 | -0.0076 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | 3.734   | 0.0020  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | -0.300  | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | -11.244 | -0.0059 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | -1.373  | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | 2.961   | 0.0015  | -2.5 to 2.5 | Pass |

## 2.2 B25\_3MHz

### 2.2.1 Test Result

| Band: 25 / Bandwidth: 3MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1851.5          | 15            | 0      | 20         | 3.27          | -13.461          | -0.0073               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -14.820          | -0.0080               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -11.072          | -0.0060               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -13.218          | -0.0071               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -7.539           | -0.0041               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -10.486          | -0.0057               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -1.631           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -8.912           | -0.0048               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -15.821          | -0.0085               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -16.065          | -0.0087               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -13.304          | -0.0072               | -2.5 to 2.5 | Pass    |
|                            | 1882.5          | 15            | 0      | 20         | 3.27          | -13.161          | -0.0070               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -5.279           | -0.0028               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 2.933            | 0.0016                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -5.794           | -0.0031               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 2.174            | 0.0012                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -16.065          | -0.0085               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -10.571          | -0.0056               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -12.846          | -0.0068               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 0.672            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -3.090           | -0.0016               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -11.630          | -0.0062               | -2.5 to 2.5 | Pass    |
|                            | 1913.5          | 15            | 0      | 20         | 3.27          | 7.210            | 0.0038                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 4.649            | 0.0024                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 3.147            | 0.0016                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -8.755           | -0.0046               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -4.792           | -0.0025               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -1.645           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -8.955           | -0.0047               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -1.588           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -7.825           | -0.0041               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 1.030            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 4.120            | 0.0022                | -2.5 to 2.5 | Pass    |
| 16QAM                      | 1851.5          | 15            | 0      | 20         | 3.27          | -13.719          | -0.0074               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -5.794           | -0.0031               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 1.502            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -3.891           | -0.0021               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -15.750          | -0.0085               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -14.405          | -0.0078               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 6.037            | 0.0033                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -17.309          | -0.0093               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 3.004            | 0.0016                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -4.921           | -0.0027               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -5.693           | -0.0031               | -2.5 to 2.5 | Pass    |
|                            | 1882.5          | 15            | 0      | 20         | 3.27          | -11.129          | -0.0059               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -4.349           | -0.0023               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -1.431           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -5.651           | -0.0030               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -1.431           | -0.0008               | -2.5 to 2.5 | Pass    |

|  |        |    |   |     |      |         |         |             |      |
|--|--------|----|---|-----|------|---------|---------|-------------|------|
|  |        |    |   | -10 | 3.85 | -8.841  | -0.0047 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.85 | -19.240 | -0.0102 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.85 | -3.161  | -0.0017 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.85 | -8.626  | -0.0046 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.85 | -11.101 | -0.0059 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.85 | 0.057   | 0.0000  | -2.5 to 2.5 | Pass |
|  | 1913.5 | 15 | 0 | 20  | 3.27 | 4.334   | 0.0023  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.85 | -5.822  | -0.0030 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.43 | 4.377   | 0.0023  | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.85 | -12.188 | -0.0064 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.85 | 6.423   | 0.0034  | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.85 | 0.300   | 0.0002  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.85 | 5.221   | 0.0027  | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.85 | 0.372   | 0.0002  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.85 | -10.972 | -0.0057 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.85 | -5.994  | -0.0031 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.85 | 2.546   | 0.0013  | -2.5 to 2.5 | Pass |

## 2.3 B25\_5MHz

### 2.3.1 Test Result

| Band: 25 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1852.5          | 25            | 0      | 20         | 3.27          | -11.044          | -0.0060               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -15.478          | -0.0084               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -7.682           | -0.0041               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -6.151           | -0.0033               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -3.548           | -0.0019               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -7.610           | -0.0041               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -4.907           | -0.0026               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -5.636           | -0.0030               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -13.404          | -0.0072               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -13.647          | -0.0074               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -9.298           | -0.0050               | -2.5 to 2.5 | Pass    |
|                            | 1882.5          | 25            | 0      | 20         | 3.27          | -9.727           | -0.0052               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -10.514          | -0.0056               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -16.751          | -0.0089               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -9.341           | -0.0050               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 0.243            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -7.997           | -0.0042               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 2.804            | 0.0015                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -2.761           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 4.292            | 0.0023                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -10.643          | -0.0057               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -14.062          | -0.0075               | -2.5 to 2.5 | Pass    |
|                            | 1912.5          | 25            | 0      | 20         | 3.27          | -3.576           | -0.0019               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -1.774           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -16.437          | -0.0086               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 2.446            | 0.0013                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -8.497           | -0.0044               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -21.286          | -0.0111               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -23.031          | -0.0120               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -14.548          | -0.0076               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
| 16QAM | 1852.5 | 25 | 0 | 30  | 3.85 | -14.234 | -0.0074 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -4.449  | -0.0023 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 2.446   | 0.0013  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | -12.860 | -0.0069 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -11.001 | -0.0059 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -12.417 | -0.0067 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -11.415 | -0.0062 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -11.144 | -0.0060 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -1.502  | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -9.770  | -0.0053 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -12.403 | -0.0067 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 5.136   | 0.0028  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -8.712  | -0.0047 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.029   | 0.0000  | -2.5 to 2.5 | Pass |
|       | 1882.5 | 25 | 0 | 20  | 3.27 | -8.683  | -0.0046 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -15.178 | -0.0081 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -15.678 | -0.0083 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -8.626  | -0.0046 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -9.899  | -0.0053 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -4.635  | -0.0025 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -0.601  | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.558   | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 7.682   | 0.0041  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -3.176  | -0.0017 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -10.557 | -0.0056 | -2.5 to 2.5 | Pass |
|       | 1912.5 | 25 | 0 | 20  | 3.27 | -3.591  | -0.0019 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -16.866 | -0.0088 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -11.387 | -0.0060 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -10.085 | -0.0053 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -11.516 | -0.0060 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -17.123 | -0.0090 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -12.960 | -0.0068 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -10.672 | -0.0056 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -16.623 | -0.0087 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -12.717 | -0.0066 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -7.796  | -0.0041 | -2.5 to 2.5 | Pass |

## 2.4 B25\_10MHz

### 2.4.1 Test Result

| Band: 25 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1855            | 50            | 0      | 20         | 3.27          | -7.195           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -20.585          | -0.0111               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -4.992           | -0.0027               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -8.111           | -0.0044               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -5.908           | -0.0032               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -6.480           | -0.0035               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -8.454           | -0.0046               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -11.816          | -0.0064               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -3.920           | -0.0021               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -8.798           | -0.0047               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -5.593           | -0.0030               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |         |         |             |      |
|-------|--------|----|---|-----|------|---------|---------|-------------|------|
|       | 1882.5 | 50 | 0 | 20  | 3.27 | -2.360  | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -5.722  | -0.0030 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -6.495  | -0.0035 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 0.000   | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -6.208  | -0.0033 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -16.079 | -0.0085 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -11.086 | -0.0059 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -15.178 | -0.0081 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -13.561 | -0.0072 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -9.813  | -0.0052 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -3.333  | -0.0018 | -2.5 to 2.5 | Pass |
|       | 1910   | 50 | 0 | 20  | 3.27 | -7.610  | -0.0040 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -5.722  | -0.0030 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -10.929 | -0.0057 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -14.191 | -0.0074 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -8.512  | -0.0045 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -13.061 | -0.0068 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -9.255  | -0.0048 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -6.824  | -0.0036 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -11.301 | -0.0059 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -13.161 | -0.0069 | -2.5 to 2.5 | Pass |
| 16QAM | 1855   | 50 | 0 | 20  | 3.27 | -9.255  | -0.0050 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -6.094  | -0.0033 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -2.360  | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -5.279  | -0.0028 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -10.157 | -0.0055 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -6.065  | -0.0033 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -10.371 | -0.0056 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -6.895  | -0.0037 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 1.817   | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -8.855  | -0.0048 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -6.680  | -0.0036 | -2.5 to 2.5 | Pass |
|       | 1882.5 | 50 | 0 | 20  | 3.27 | -7.081  | -0.0038 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -14.019 | -0.0074 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -12.116 | -0.0064 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -3.176  | -0.0017 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -8.898  | -0.0047 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -3.319  | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -12.918 | -0.0069 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 1.101   | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -0.901  | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -5.980  | -0.0032 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -3.018  | -0.0016 | -2.5 to 2.5 | Pass |
|       | 1910   | 50 | 0 | 20  | 3.27 | -8.297  | -0.0043 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -14.148 | -0.0074 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -10.414 | -0.0055 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -7.997  | -0.0042 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 12.560  | 0.0066  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -9.499  | -0.0050 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 2.618   | 0.0014  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -5.879  | -0.0031 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -10.314 | -0.0054 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -12.517 | -0.0066 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -12.317 | -0.0064 | -2.5 to 2.5 | Pass |

## 2.5 B25\_15MHz

### 2.5.1 Test Result

| Band: 25 / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1857.5          | 75            | 0      | 20         | 3.27          | -8.669           | -0.0047               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -4.649           | -0.0025               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -3.362           | -0.0018               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -9.470           | -0.0051               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -1.445           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -13.976          | -0.0075               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -6.552           | -0.0035               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -8.626           | -0.0046               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -14.248          | -0.0077               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -3.548           | -0.0019               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -4.320           | -0.0023               | -2.5 to 2.5 | Pass    |
|                             | 1882.5          | 75            | 0      | 20         | 3.27          | -4.864           | -0.0026               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -10.772          | -0.0057               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -7.381           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -1.202           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -10.843          | -0.0058               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -8.268           | -0.0044               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -3.290           | -0.0017               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -11.187          | -0.0059               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -11.816          | -0.0063               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -3.462           | -0.0018               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -7.410           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             | 1907.5          | 75            | 0      | 20         | 3.27          | -7.339           | -0.0038               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -14.791          | -0.0078               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -19.898          | -0.0104               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -7.353           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -8.111           | -0.0043               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -6.180           | -0.0032               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -5.908           | -0.0031               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -9.241           | -0.0048               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -5.150           | -0.0027               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -7.052           | -0.0037               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -7.167           | -0.0038               | -2.5 to 2.5 | Pass    |
| 16QAM                       | 1857.5          | 75            | 0      | 20         | 3.27          | -5.407           | -0.0029               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -7.410           | -0.0040               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -4.835           | -0.0026               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -6.738           | -0.0036               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -12.202          | -0.0066               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -9.227           | -0.0050               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -5.622           | -0.0030               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -0.916           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 3.004            | 0.0016                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -8.240           | -0.0044               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -6.881           | -0.0037               | -2.5 to 2.5 | Pass    |
|                             | 1882.5          | 75            | 0      | 20         | 3.27          | -15.306          | -0.0081               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -4.249           | -0.0023               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -6.895           | -0.0037               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -7.625           | -0.0041               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -4.363           | -0.0023               | -2.5 to 2.5 | Pass    |

|  |        |    |   |     |      |         |         |             |      |
|--|--------|----|---|-----|------|---------|---------|-------------|------|
|  |        |    |   | -10 | 3.85 | -11.802 | -0.0063 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.85 | -13.390 | -0.0071 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.85 | -9.656  | -0.0051 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.85 | -4.120  | -0.0022 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.85 | -9.813  | -0.0052 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.85 | -7.038  | -0.0037 | -2.5 to 2.5 | Pass |
|  | 1907.5 | 75 | 0 | 20  | 3.27 | -9.556  | -0.0050 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.85 | -6.752  | -0.0035 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.43 | -7.281  | -0.0038 | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.85 | -8.469  | -0.0044 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.85 | -7.310  | -0.0038 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.85 | -6.537  | -0.0034 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.85 | -8.540  | -0.0045 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.85 | 1.001   | 0.0005  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.85 | 2.503   | 0.0013  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.85 | -11.716 | -0.0061 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.85 | -12.031 | -0.0063 | -2.5 to 2.5 | Pass |

## 2.6 B25\_20MHz

### 2.6.1 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         | 3.27          | -9.370           | -0.0050               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -7.310           | -0.0039               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -0.958           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -4.148           | -0.0022               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -9.098           | -0.0049               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -0.587           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -13.261          | -0.0071               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -5.436           | -0.0029               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -4.678           | -0.0025               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -8.483           | -0.0046               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -1.616           | -0.0009               | -2.5 to 2.5 | Pass    |
|                             | 1882.5          | 100           | 0      | 20         | 3.27          | -7.567           | -0.0040               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -7.195           | -0.0038               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -8.583           | -0.0046               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -1.101           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -5.894           | -0.0031               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -7.625           | -0.0041               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 0.887            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -5.636           | -0.0030               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -3.934           | -0.0021               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 0.315            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -11.902          | -0.0063               | -2.5 to 2.5 | Pass    |
|                             | 1905            | 100           | 0      | 20         | 3.27          | -12.560          | -0.0066               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -8.955           | -0.0047               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -4.678           | -0.0025               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 2.017            | 0.0011                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -5.479           | -0.0029               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -5.808           | -0.0030               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -9.756           | -0.0051               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -3.819           | -0.0020               | -2.5 to 2.5 | Pass    |

|       |        |     |   |     |      |         |         |             |      |
|-------|--------|-----|---|-----|------|---------|---------|-------------|------|
|       |        |     |   | 30  | 3.85 | -3.004  | -0.0016 | -2.5 to 2.5 | Pass |
|       |        |     |   | 40  | 3.85 | -2.689  | -0.0014 | -2.5 to 2.5 | Pass |
|       |        |     |   | 50  | 3.85 | -7.367  | -0.0039 | -2.5 to 2.5 | Pass |
| 16QAM | 1860   | 100 | 0 | 20  | 3.27 | -5.550  | -0.0030 | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 3.85 | -3.219  | -0.0017 | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 4.43 | 0.057   | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |     |   | -30 | 3.85 | 13.075  | 0.0070  | -2.5 to 2.5 | Pass |
|       |        |     |   | -20 | 3.85 | -4.892  | -0.0026 | -2.5 to 2.5 | Pass |
|       |        |     |   | -10 | 3.85 | -9.012  | -0.0048 | -2.5 to 2.5 | Pass |
|       |        |     |   | 0   | 3.85 | -5.808  | -0.0031 | -2.5 to 2.5 | Pass |
|       |        |     |   | 10  | 3.85 | -7.138  | -0.0038 | -2.5 to 2.5 | Pass |
|       |        |     |   | 30  | 3.85 | -5.393  | -0.0029 | -2.5 to 2.5 | Pass |
|       |        |     |   | 40  | 3.85 | -8.297  | -0.0045 | -2.5 to 2.5 | Pass |
|       |        |     |   | 50  | 3.85 | -11.630 | -0.0063 | -2.5 to 2.5 | Pass |
|       | 1882.5 | 100 | 0 | 20  | 3.27 | -15.607 | -0.0083 | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 3.85 | -10.142 | -0.0054 | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 4.43 | -4.992  | -0.0027 | -2.5 to 2.5 | Pass |
|       |        |     |   | -30 | 3.85 | 0.772   | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |     |   | -20 | 3.85 | -5.965  | -0.0032 | -2.5 to 2.5 | Pass |
|       |        |     |   | -10 | 3.85 | -9.384  | -0.0050 | -2.5 to 2.5 | Pass |
|       |        |     |   | 0   | 3.85 | -3.119  | -0.0017 | -2.5 to 2.5 | Pass |
|       |        |     |   | 10  | 3.85 | -5.894  | -0.0031 | -2.5 to 2.5 | Pass |
|       |        |     |   | 30  | 3.85 | -4.692  | -0.0025 | -2.5 to 2.5 | Pass |
|       |        |     |   | 40  | 3.85 | -6.666  | -0.0035 | -2.5 to 2.5 | Pass |
|       |        |     |   | 50  | 3.85 | -8.969  | -0.0048 | -2.5 to 2.5 | Pass |
|       | 1905   | 100 | 0 | 20  | 3.27 | -10.428 | -0.0055 | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 3.85 | -9.127  | -0.0048 | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 4.43 | -4.263  | -0.0022 | -2.5 to 2.5 | Pass |
|       |        |     |   | -30 | 3.85 | -6.666  | -0.0035 | -2.5 to 2.5 | Pass |
|       |        |     |   | -20 | 3.85 | -5.822  | -0.0031 | -2.5 to 2.5 | Pass |
|       |        |     |   | -10 | 3.85 | -10.986 | -0.0058 | -2.5 to 2.5 | Pass |
|       |        |     |   | 0   | 3.85 | -7.768  | -0.0041 | -2.5 to 2.5 | Pass |
|       |        |     |   | 10  | 3.85 | -10.715 | -0.0056 | -2.5 to 2.5 | Pass |
|       |        |     |   | 30  | 3.85 | -7.210  | -0.0038 | -2.5 to 2.5 | Pass |
|       |        |     |   | 40  | 3.85 | -3.562  | -0.0019 | -2.5 to 2.5 | Pass |
|       |        |     |   | 50  | 3.85 | -14.091 | -0.0074 | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

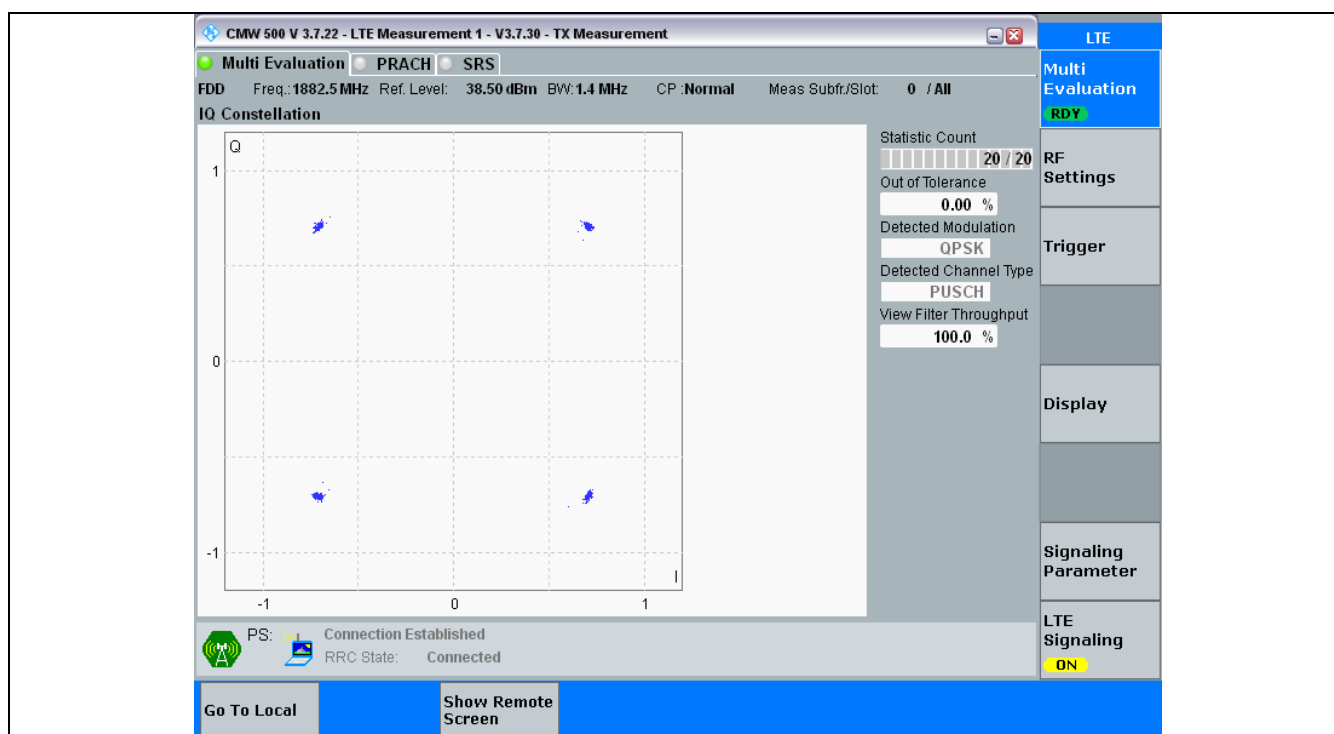
#### 3.1 B25\_1.4MHz

##### 3.1.1 Test Result

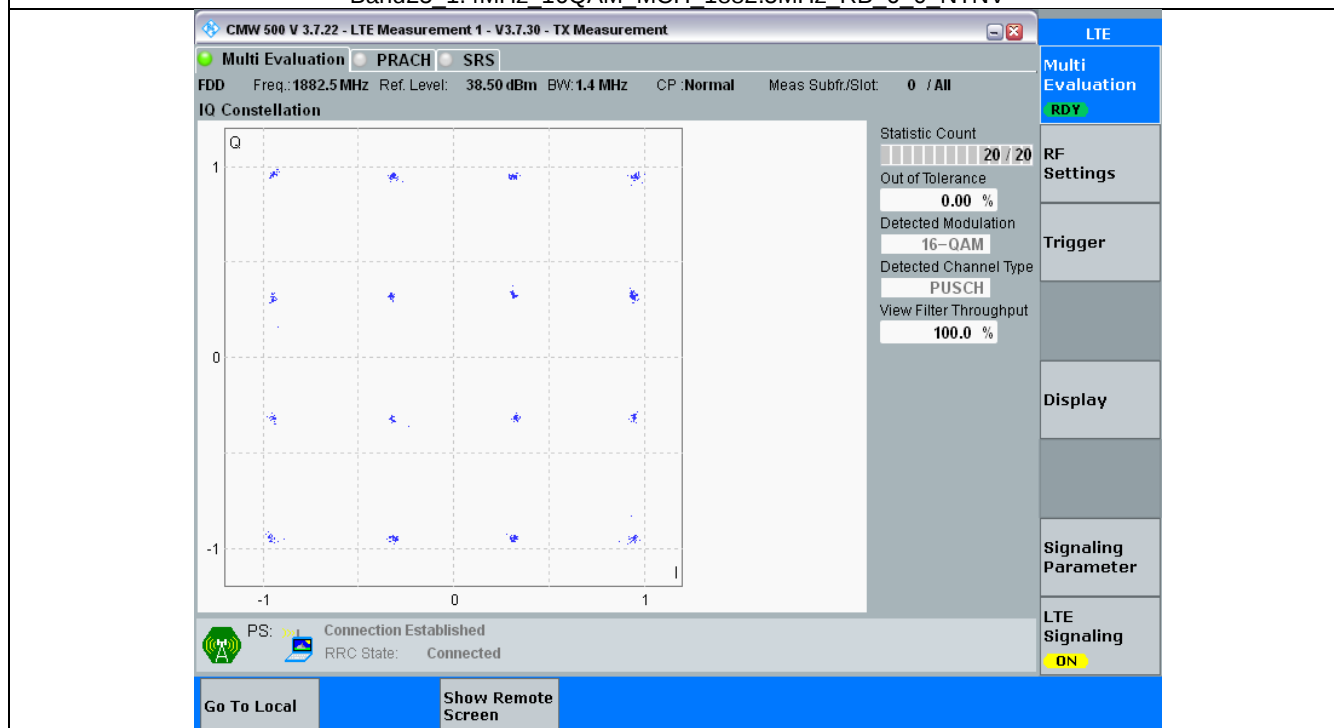
| Band: 25 / Bandwidth: 1.4MHz / NTV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 1882.5          | 6             | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 1882.5          | 6             | 0      | Refer To Test Graph        |       | Pass    |

##### 3.1.2 Test Graph

|                                              |
|----------------------------------------------|
| Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV |
|----------------------------------------------|



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

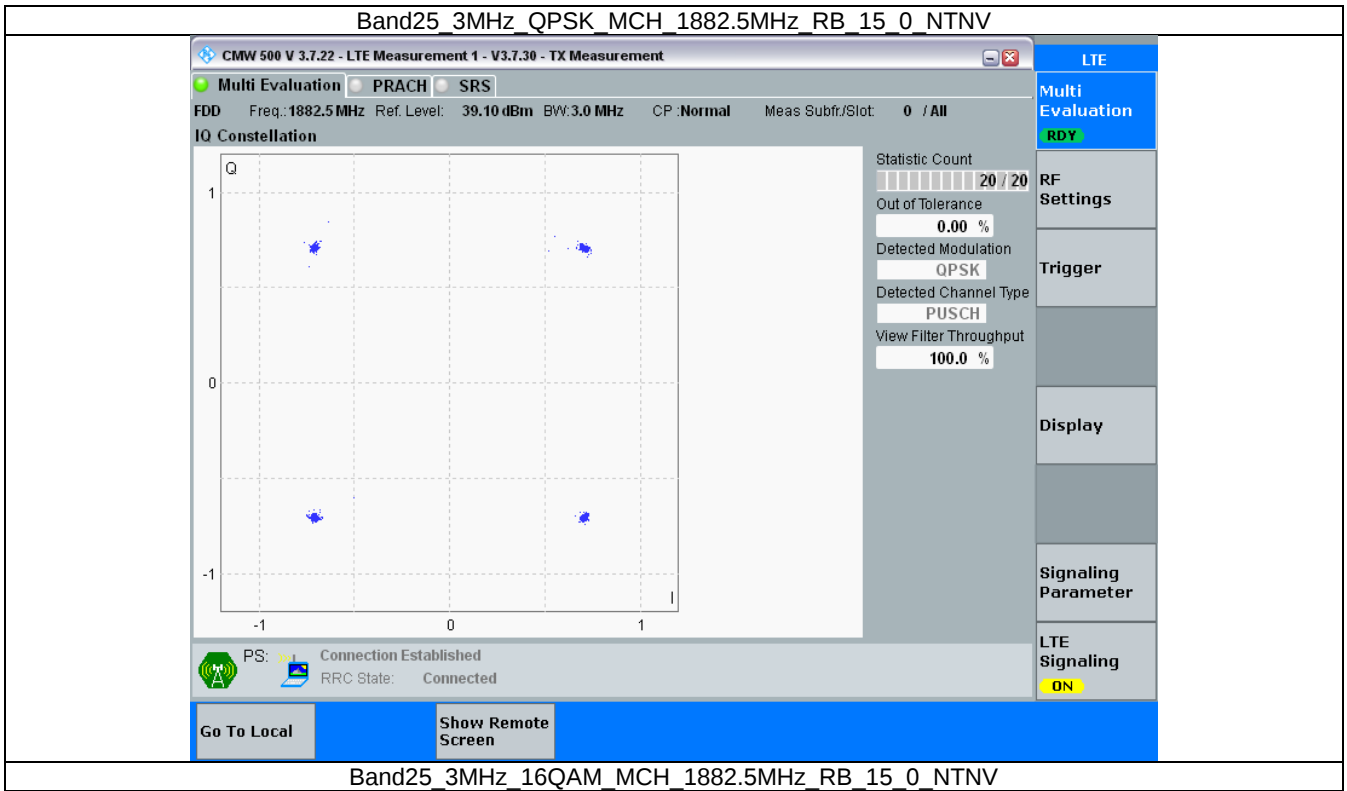


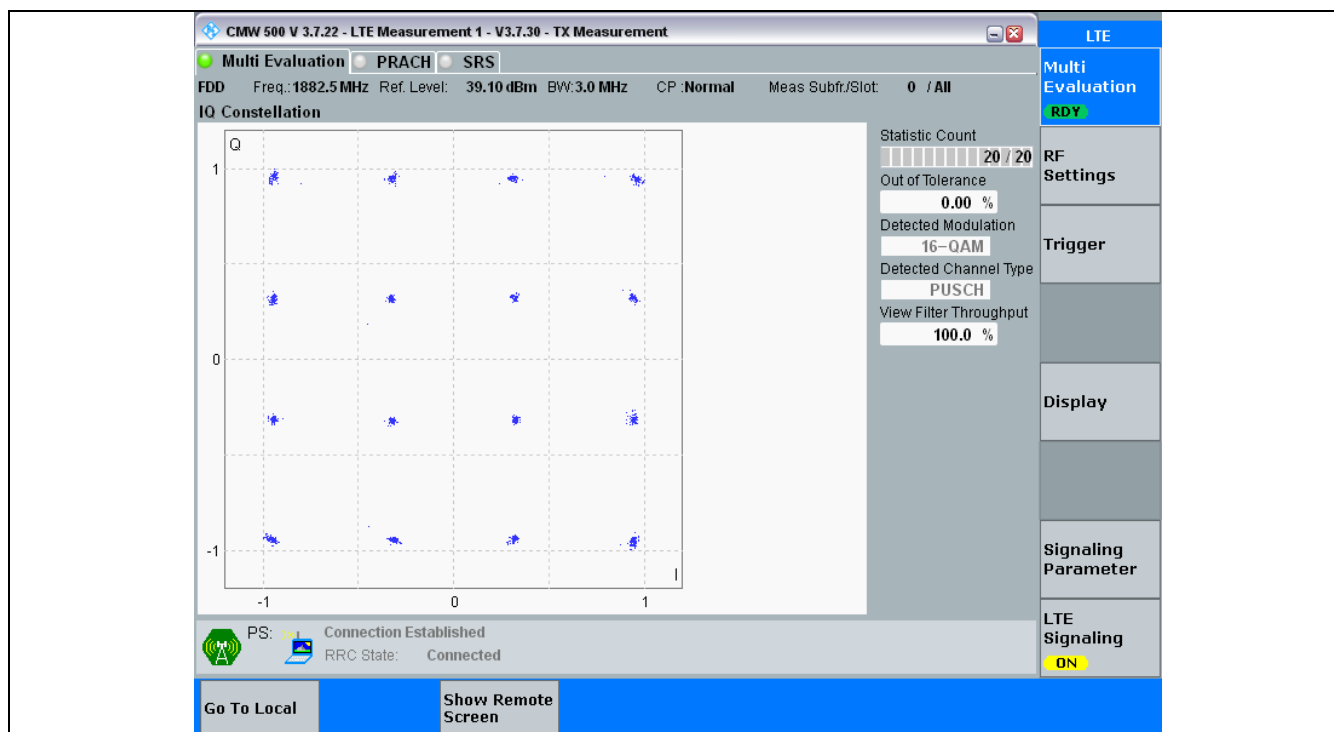
3.2 B25\_3MHz

3.2.1 Test Result

| Band: 25 / Bandwidth: 3MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1882.5          | 15            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1882.5          | 15            | 0      | Refer To Test Graph        |       | Pass    |

3.2.2 Test Graph





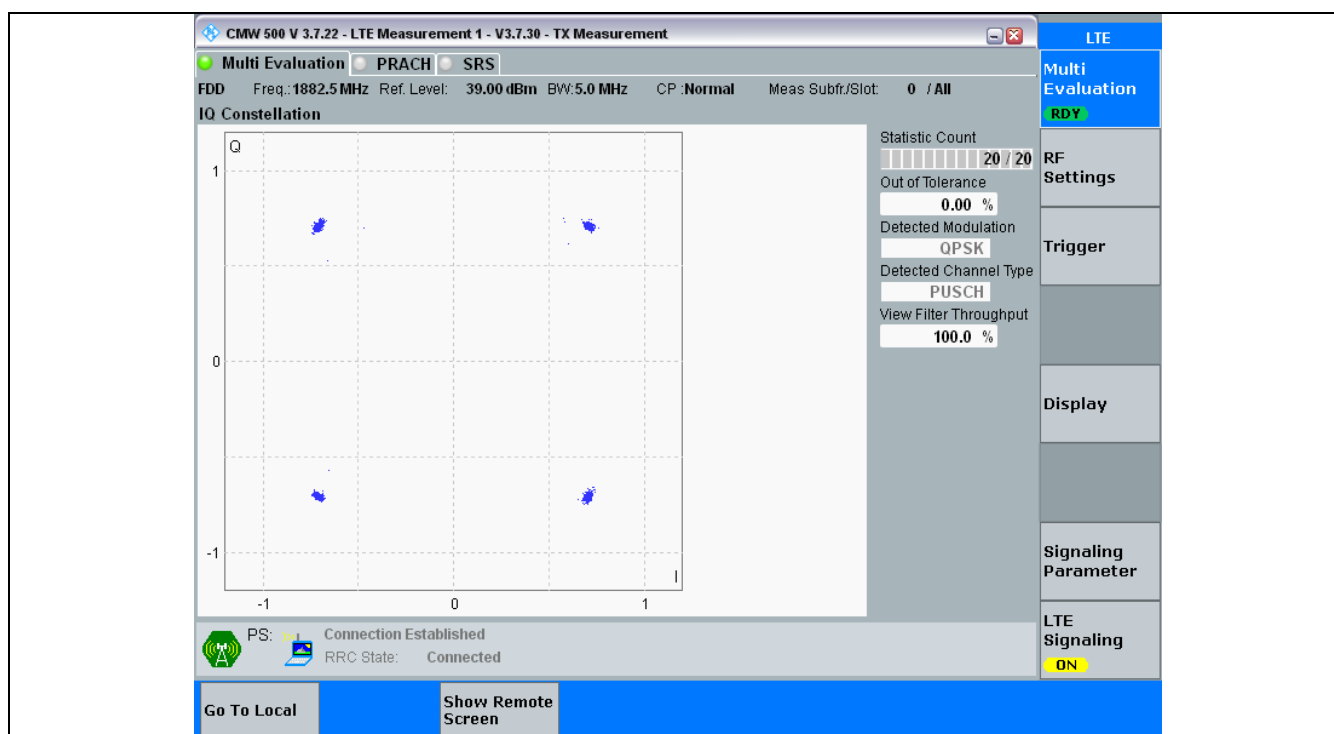
### 3.3 B25\_5MHz

#### 3.3.1 Test Result

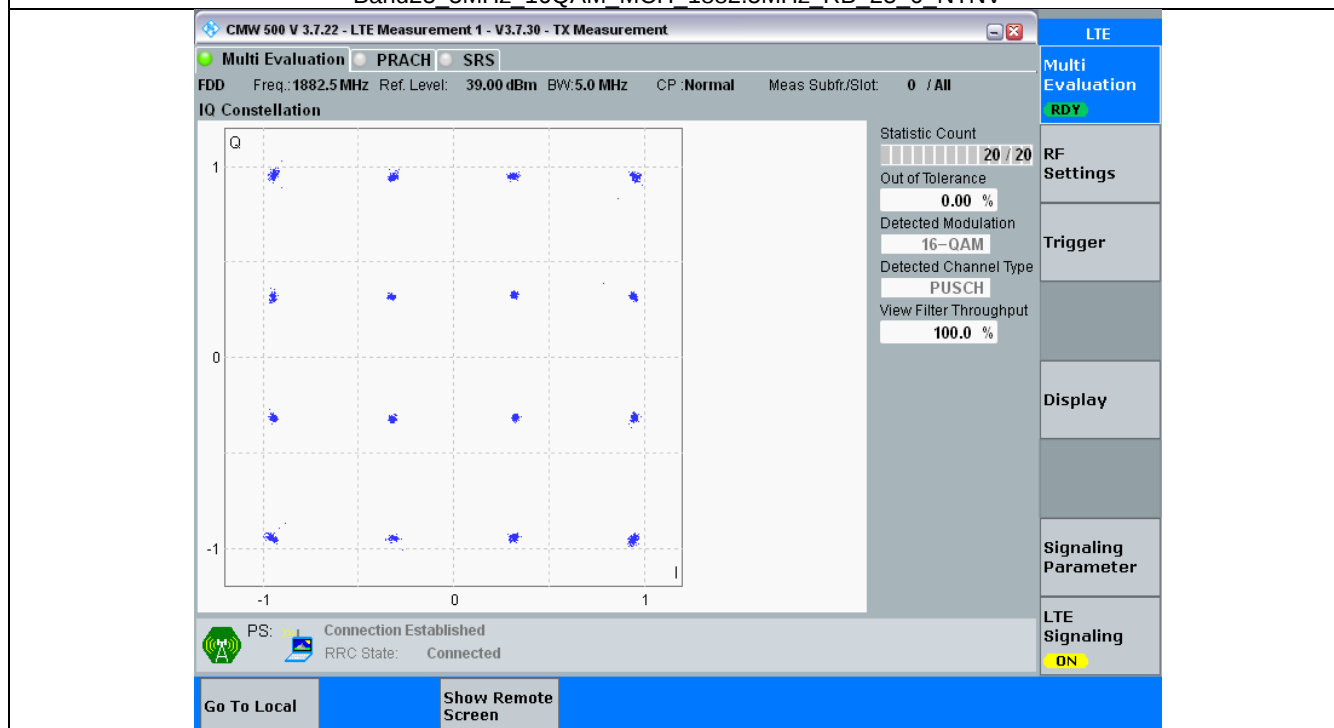
| Band: 25 / Bandwidth: 5MHz / NTNV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 1882.5          | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 1882.5          | 25            | 0      | Refer To Test Graph        |       | Pass    |

#### 3.3.2 Test Graph

|                                             |
|---------------------------------------------|
| Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV |
|---------------------------------------------|



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

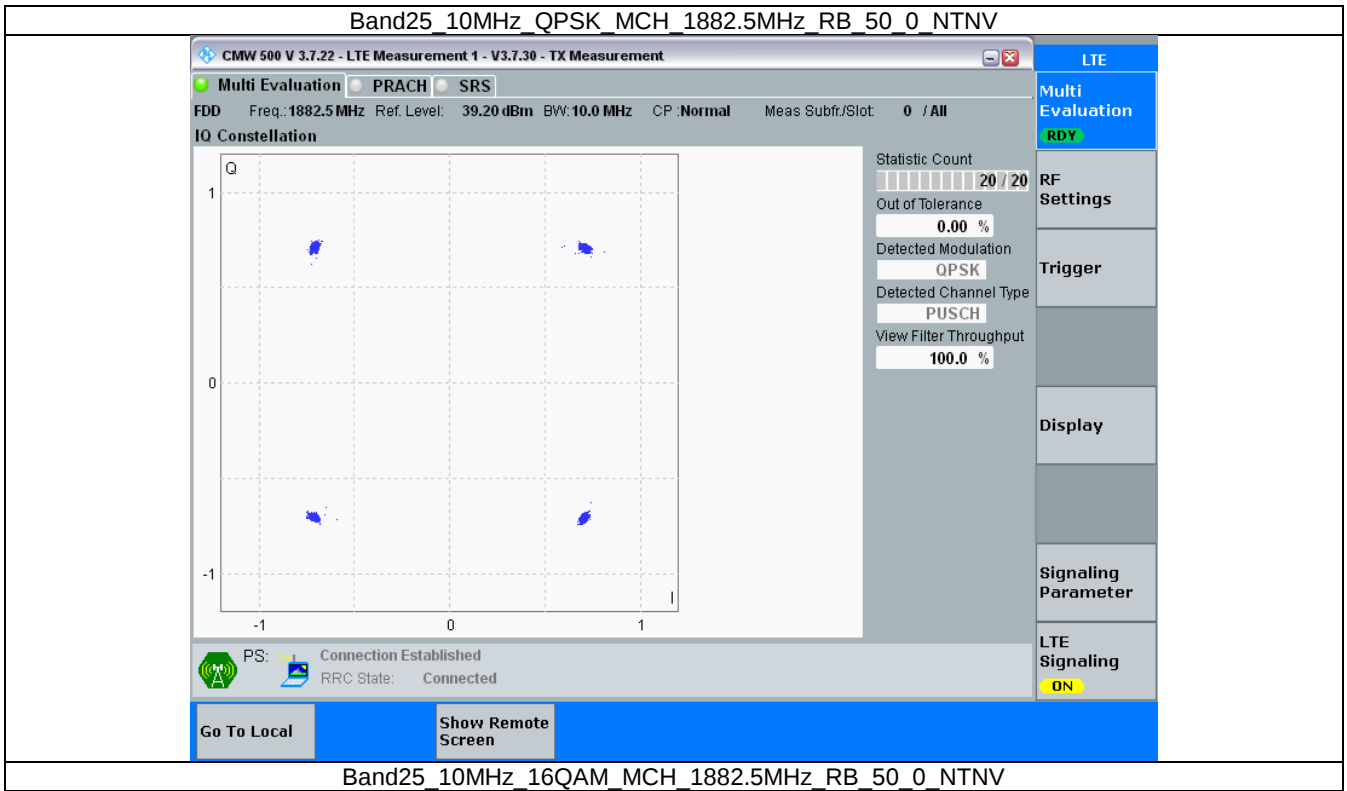


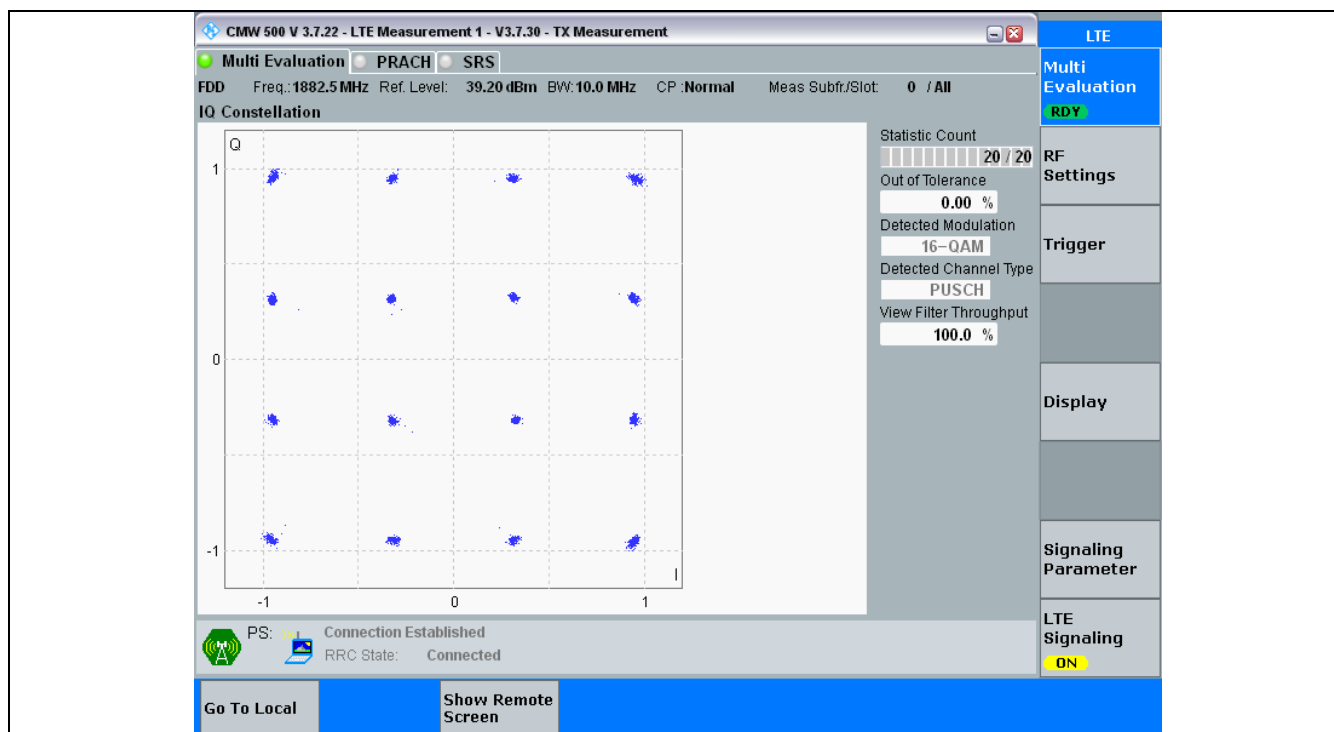
3.4 B25\_10MHz

3.4.1 Test Result

| Band: 25 / Bandwidth: 10MHz / NTV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 1882.5          | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 1882.5          | 50            | 0      | Refer To Test Graph        |       | Pass    |

3.4.2 Test Graph





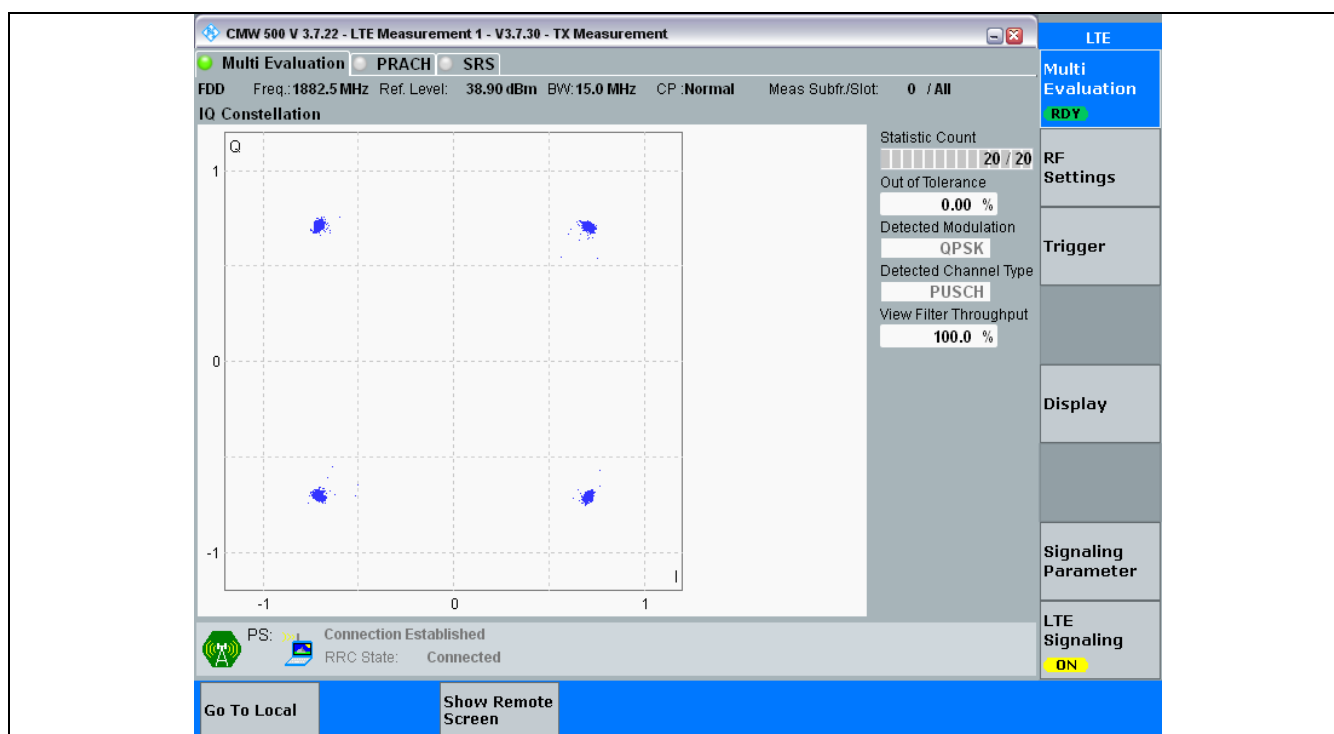
## 3.5 B25\_15MHz

### 3.5.1 Test Result

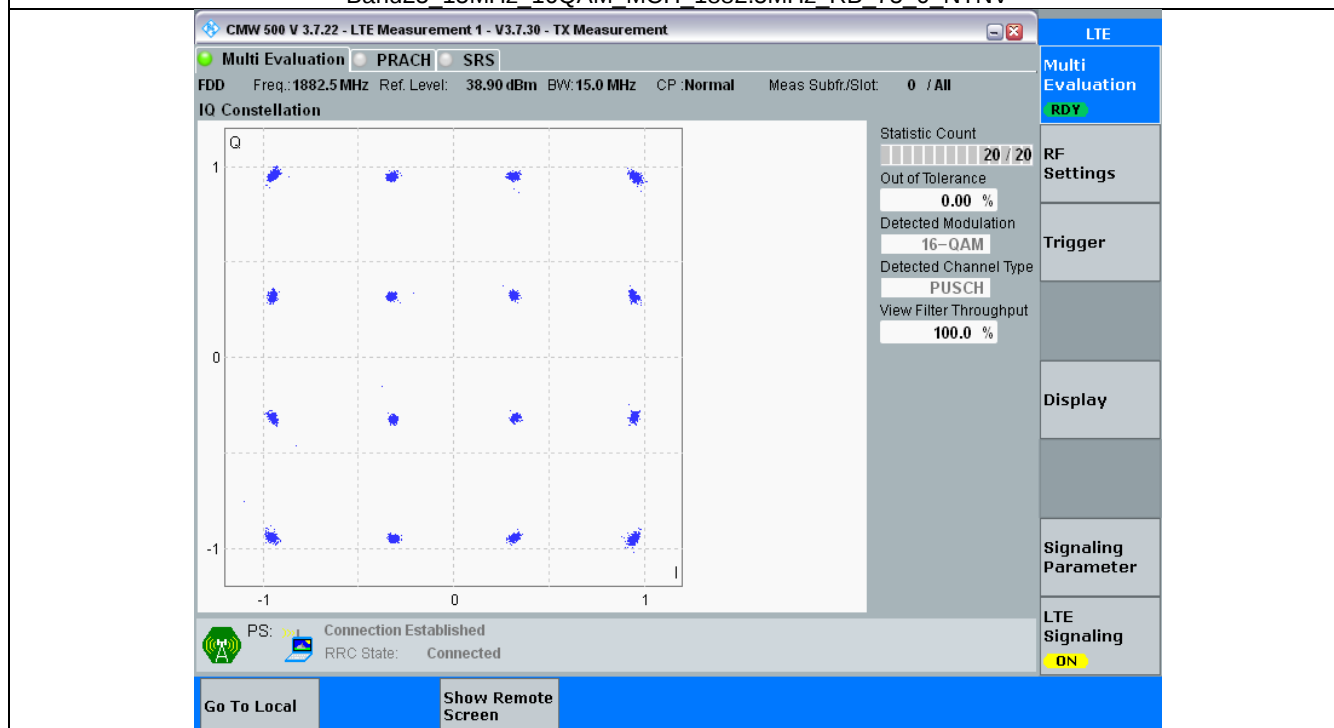
| Band: 25 / Bandwidth: 15MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 1882.5          | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 1882.5          | 75            | 0      | Refer To Test Graph        |       | Pass    |

### 3.5.2 Test Graph

|                                              |
|----------------------------------------------|
| Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV |
|----------------------------------------------|



Band25 15MHz 16QAM MCH 1882.5MHz RB 75 0 NTV

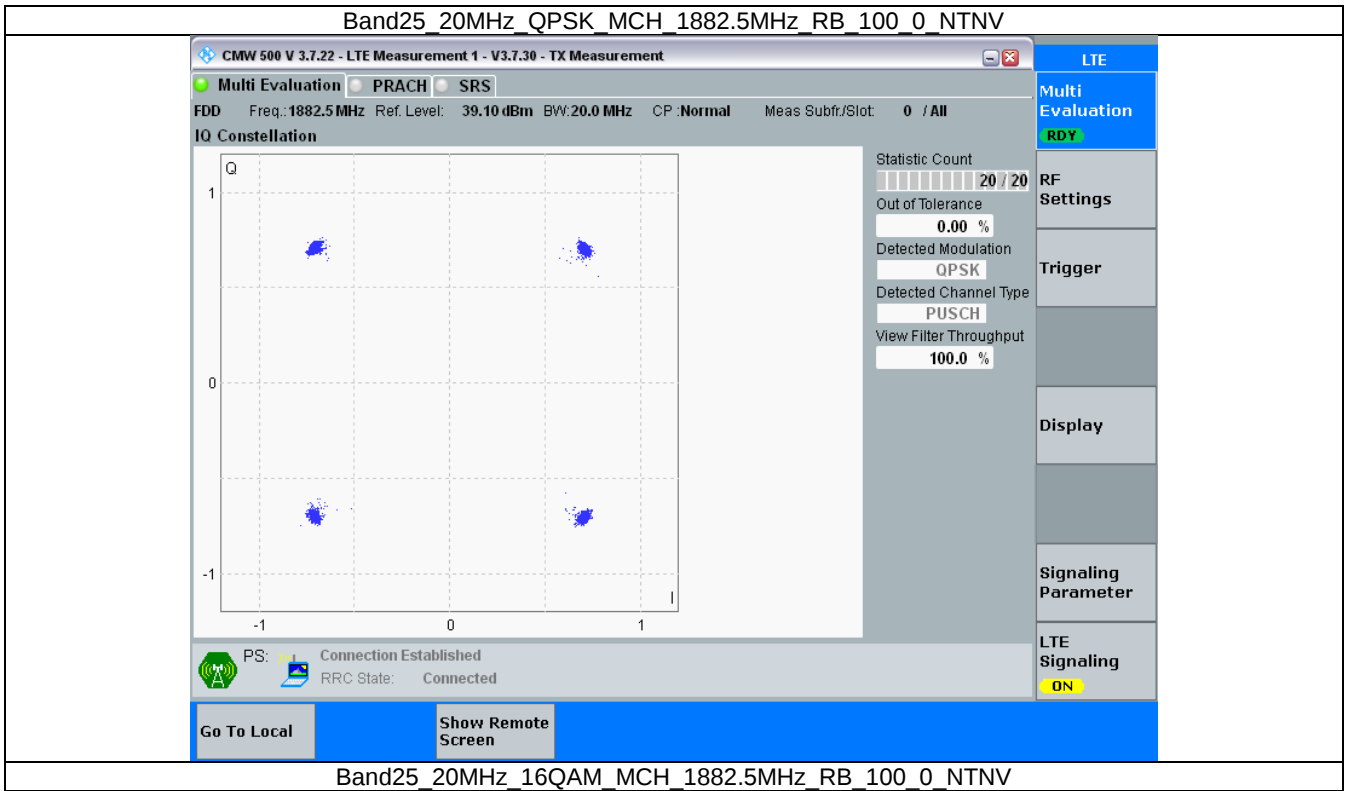


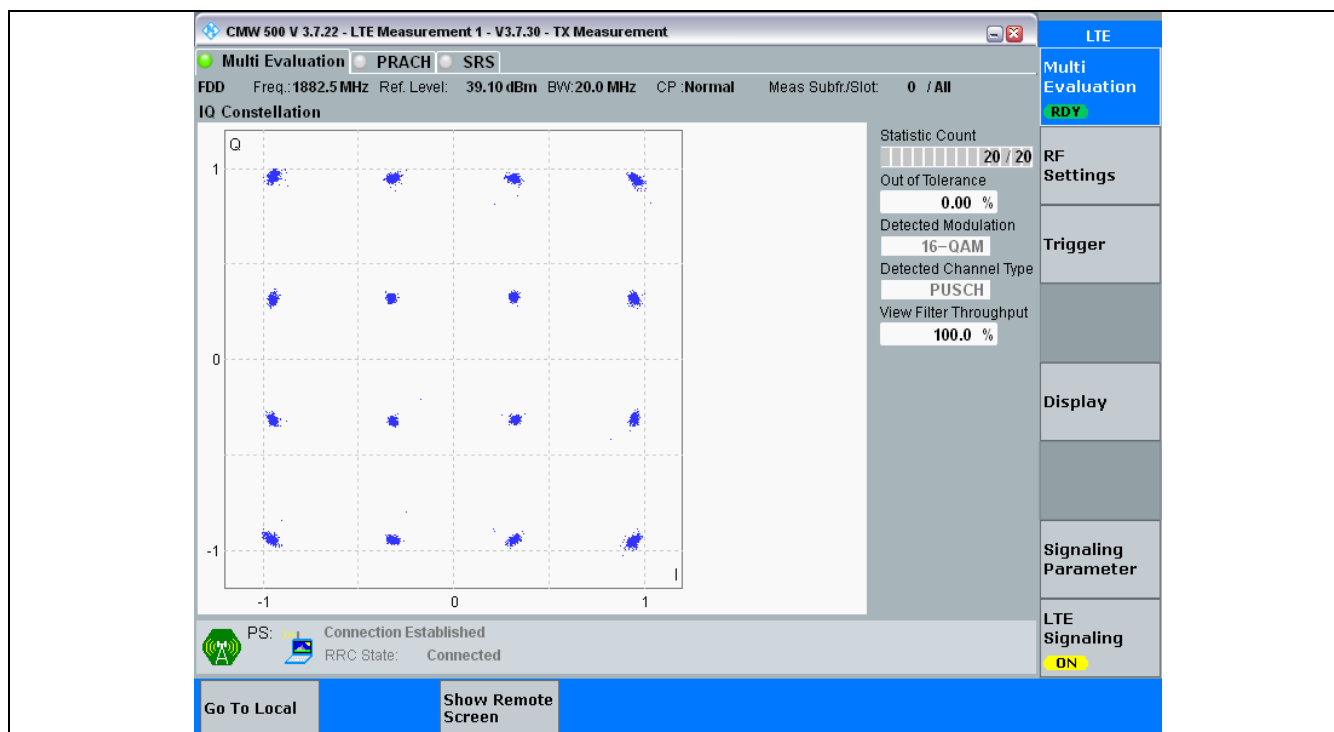
3.6 B25\_20MHz

3.6.1 Test Result

| Band: 25 / Bandwidth: 20MHz / NTV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 1882.5          | 100           | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 1882.5          | 100           | 0      | Refer To Test Graph        |       | Pass    |

3.6.2 Test Graph





## 4. 99% & 26dB Bandwidth

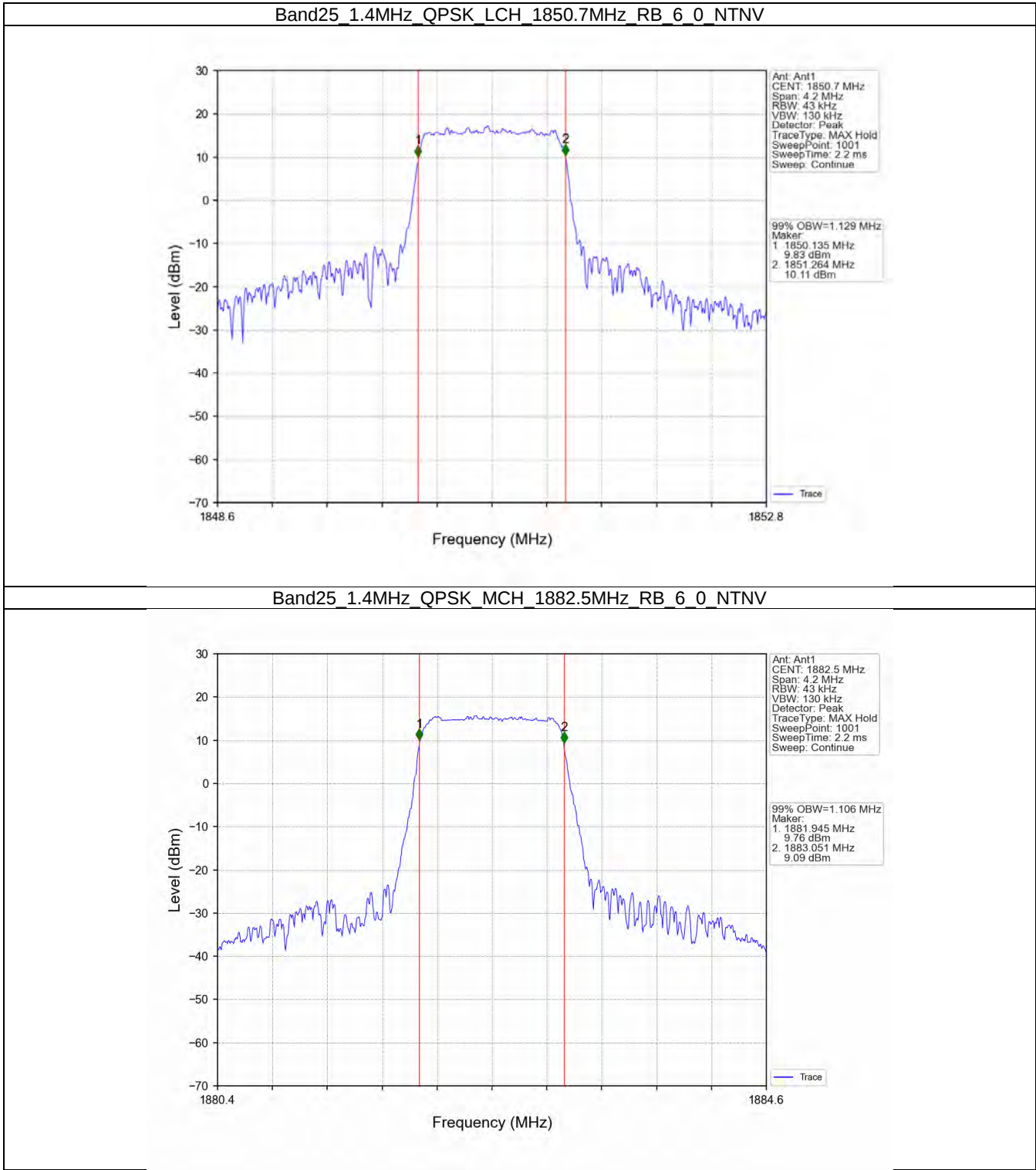
### 4.1 Band25\_OBW

#### 4.1.1 Test Result

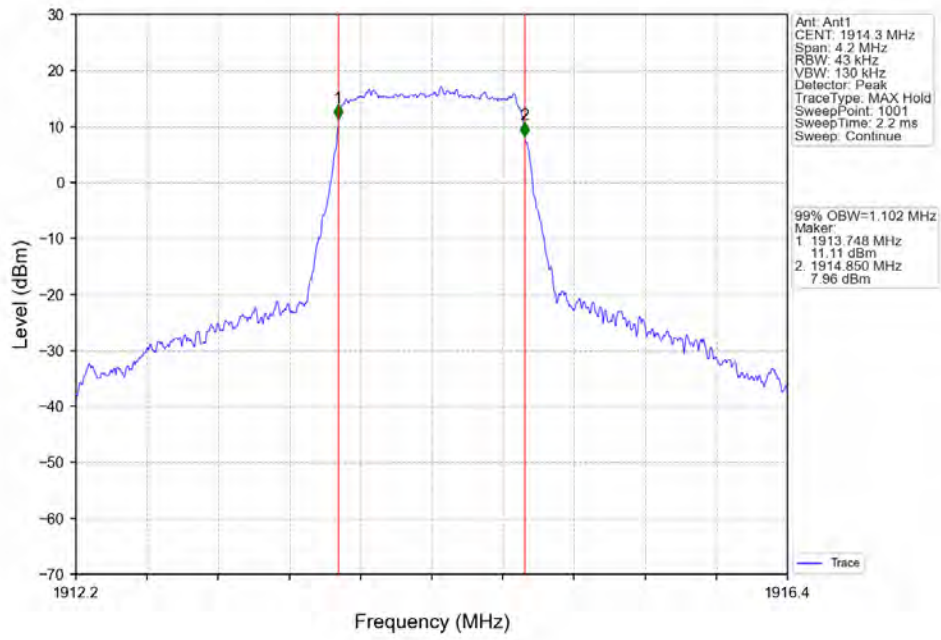
| Band: 25 / NTV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 1.129                        | /     | Pass    |
|                 |            | 1882.5          | 6             | 0      | 1.106                        | /     | Pass    |
|                 |            | 1914.3          | 6             | 0      | 1.102                        | /     | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 1.113                        | /     | Pass    |
|                 |            | 1882.5          | 6             | 0      | 1.112                        | /     | Pass    |
|                 |            | 1914.3          | 6             | 0      | 1.108                        | /     | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 2.729                        | /     | Pass    |
|                 |            | 1882.5          | 15            | 0      | 2.731                        | /     | Pass    |
|                 |            | 1913.5          | 15            | 0      | 2.724                        | /     | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 2.725                        | /     | Pass    |
|                 |            | 1882.5          | 15            | 0      | 2.725                        | /     | Pass    |
|                 |            | 1913.5          | 15            | 0      | 2.725                        | /     | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 4.567                        | /     | Pass    |
|                 |            | 1882.5          | 25            | 0      | 4.553                        | /     | Pass    |
|                 |            | 1912.5          | 25            | 0      | 4.568                        | /     | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 4.572                        | /     | Pass    |
|                 |            | 1882.5          | 25            | 0      | 4.552                        | /     | Pass    |
|                 |            |                 |               |        |                              |       |         |

|    |       |        |     |   |        |   |      |
|----|-------|--------|-----|---|--------|---|------|
|    |       | 1912.5 | 25  | 0 | 4.556  | / | Pass |
| 10 | QPSK  | 1855   | 50  | 0 | 9.083  | / | Pass |
|    |       | 1882.5 | 50  | 0 | 9.049  | / | Pass |
|    |       | 1910   | 50  | 0 | 9.103  | / | Pass |
|    |       | 1855   | 50  | 0 | 9.065  | / | Pass |
|    | 16QAM | 1882.5 | 50  | 0 | 9.049  | / | Pass |
|    |       | 1910   | 50  | 0 | 9.101  | / | Pass |
| 15 | QPSK  | 1857.5 | 75  | 0 | 13.629 | / | Pass |
|    |       | 1882.5 | 75  | 0 | 13.558 | / | Pass |
|    |       | 1907.5 | 75  | 0 | 13.622 | / | Pass |
|    | 16QAM | 1857.5 | 75  | 0 | 13.640 | / | Pass |
|    |       | 1882.5 | 75  | 0 | 13.602 | / | Pass |
|    |       | 1907.5 | 75  | 0 | 13.616 | / | Pass |
| 20 | QPSK  | 1860   | 100 | 0 | 18.174 | / | Pass |
|    |       | 1882.5 | 100 | 0 | 18.110 | / | Pass |
|    |       | 1905   | 100 | 0 | 18.131 | / | Pass |
|    | 16QAM | 1860   | 100 | 0 | 18.163 | / | Pass |
|    |       | 1882.5 | 100 | 0 | 18.083 | / | Pass |
|    |       | 1905   | 100 | 0 | 18.153 | / | Pass |

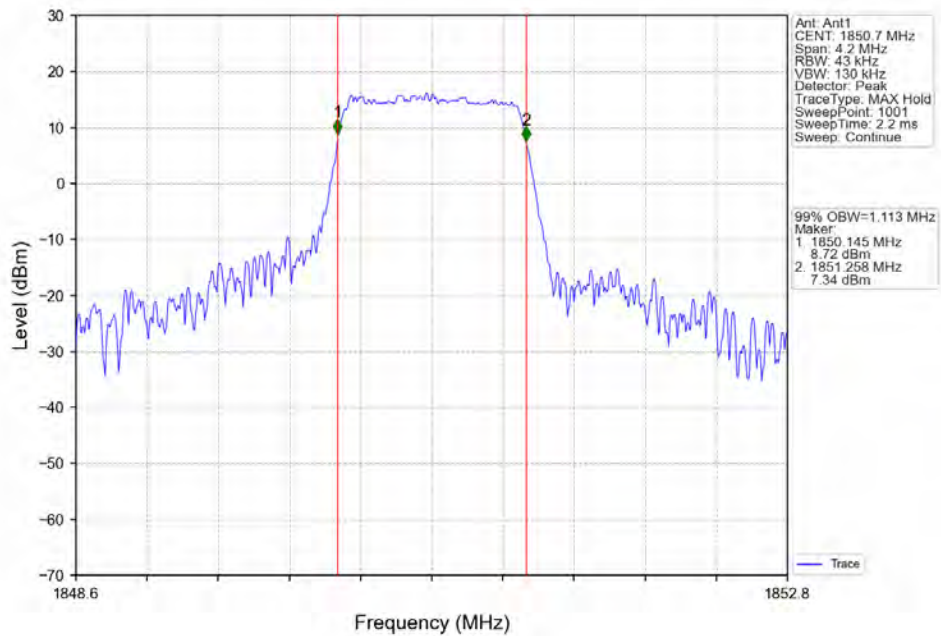
4.1.2 Test Graph



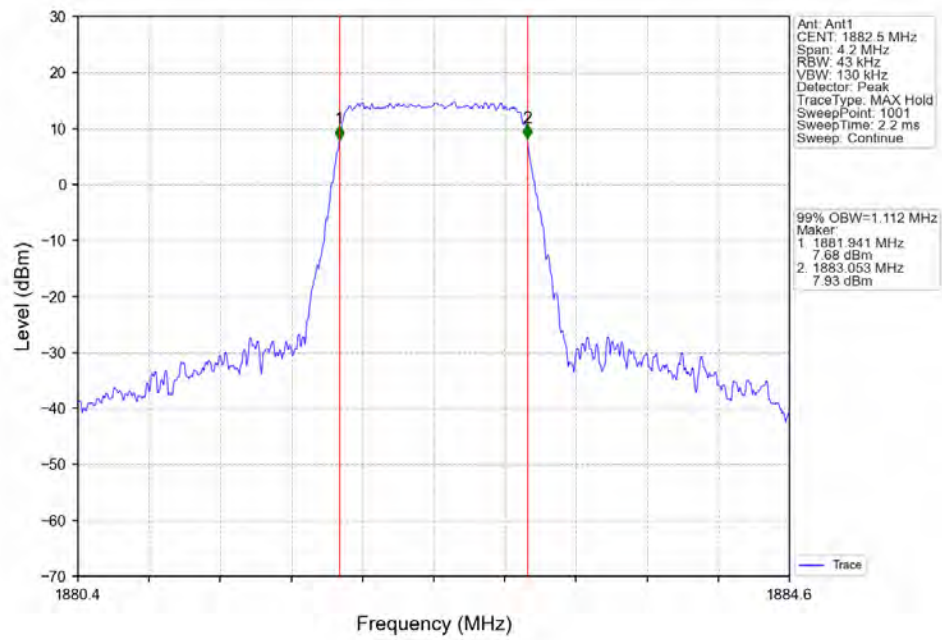
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



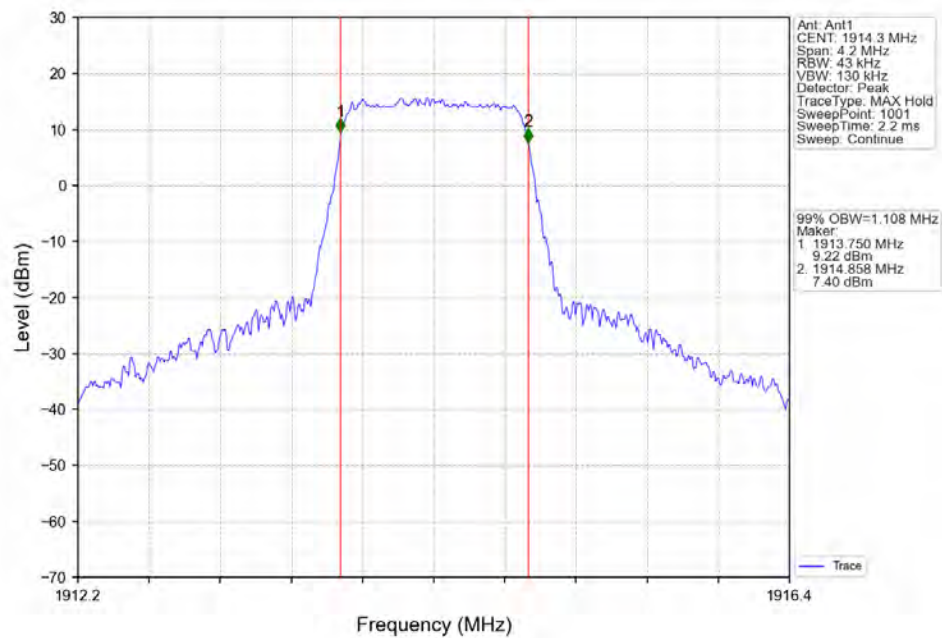
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



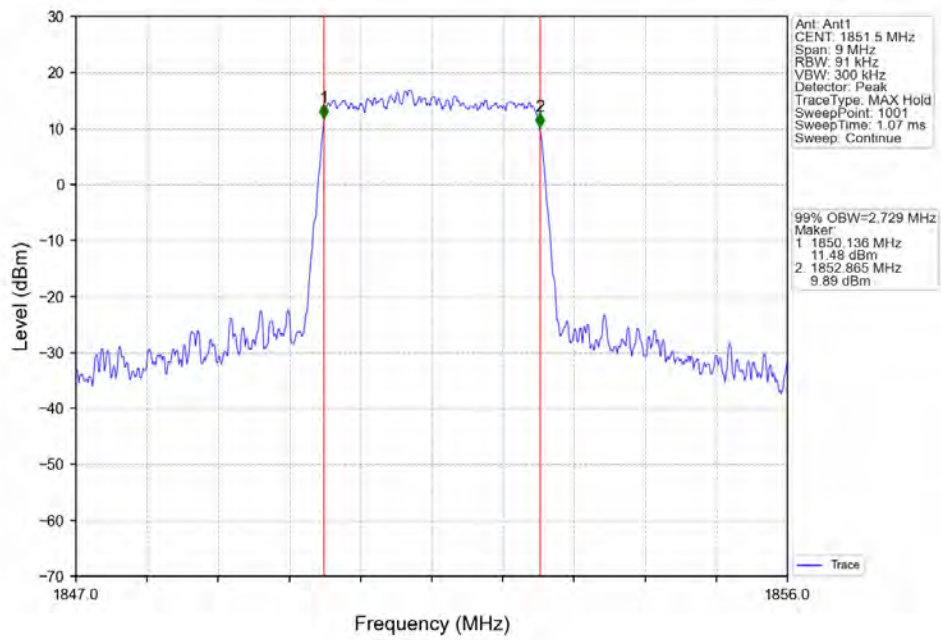
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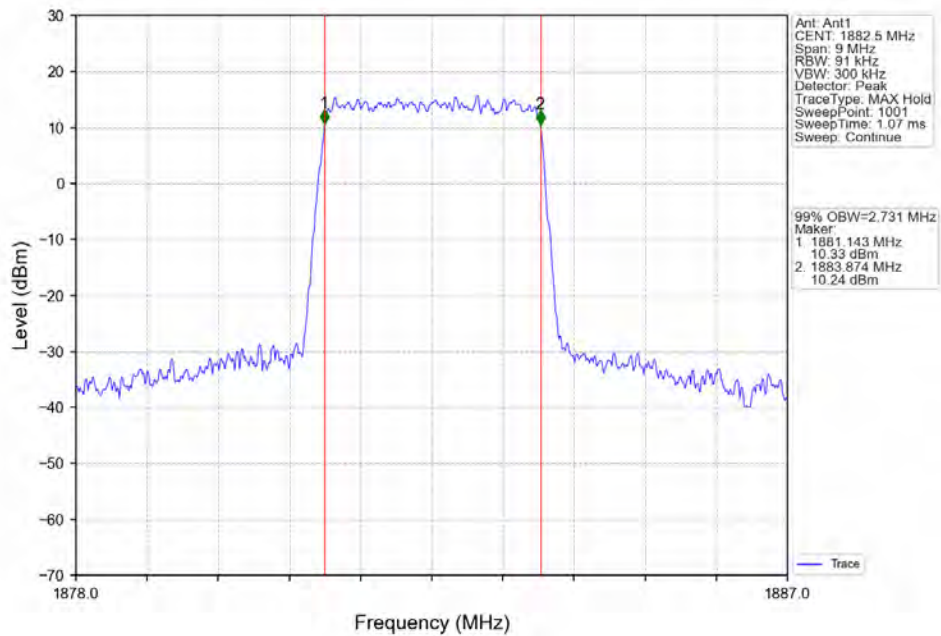
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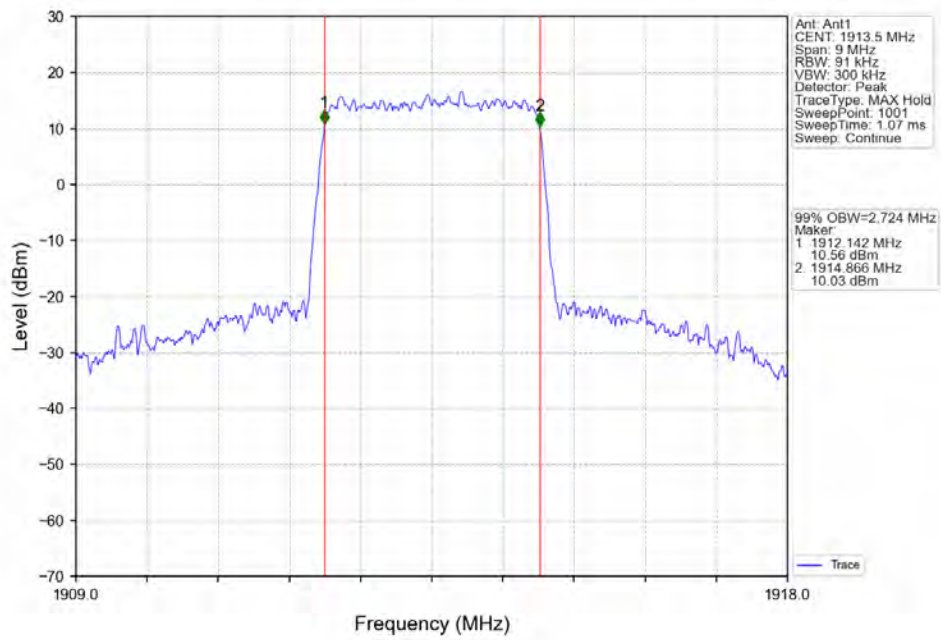
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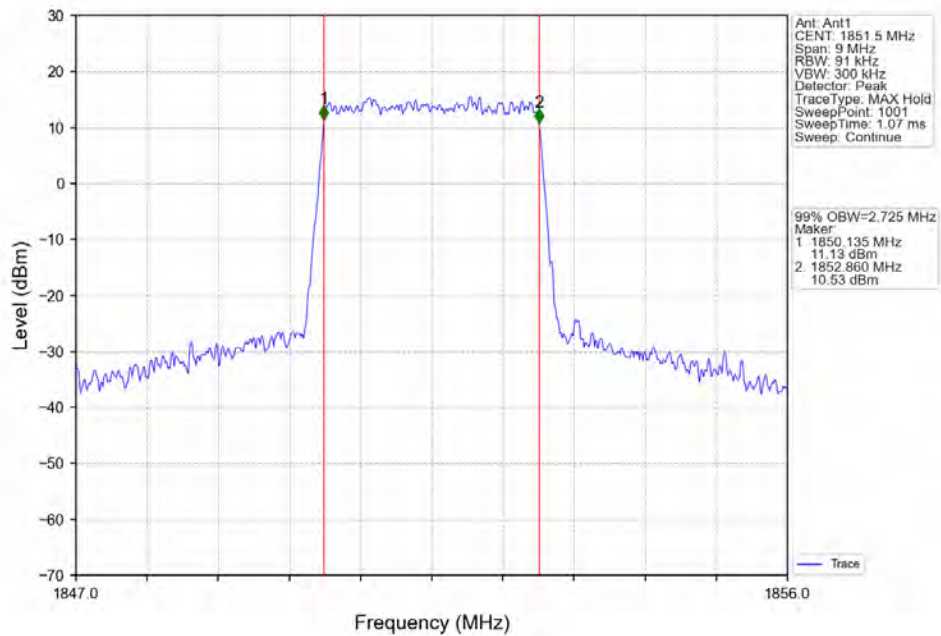
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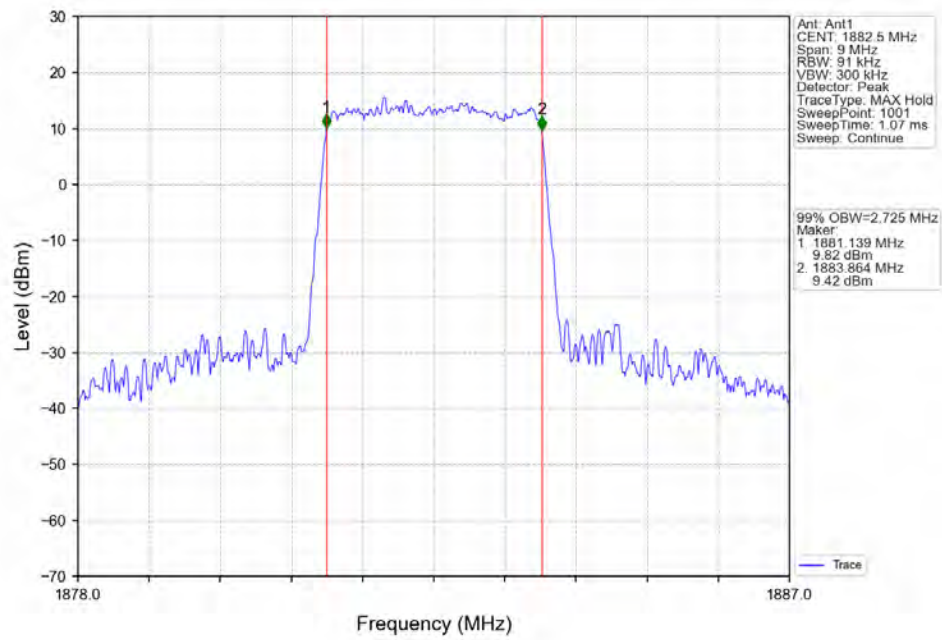
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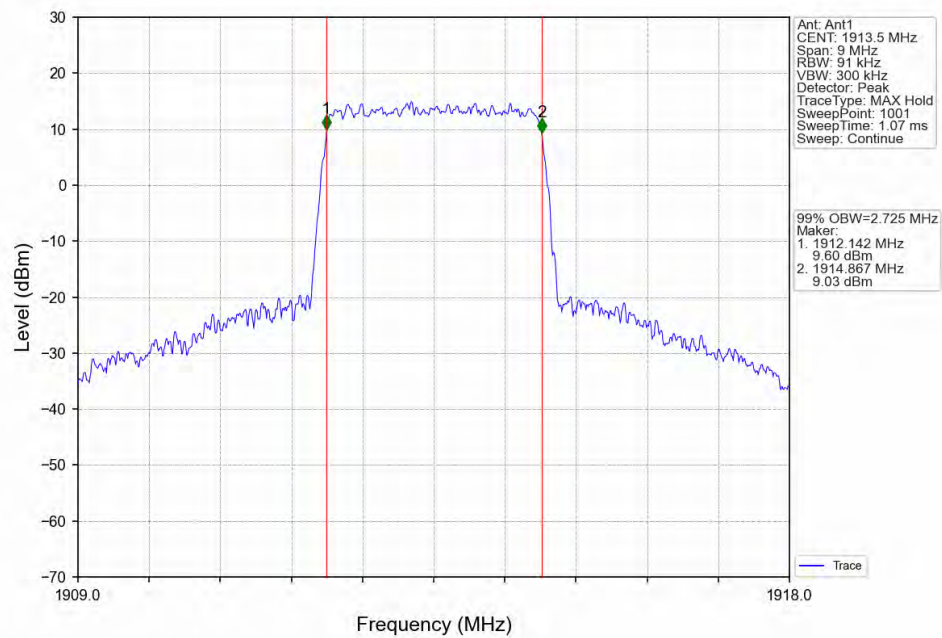
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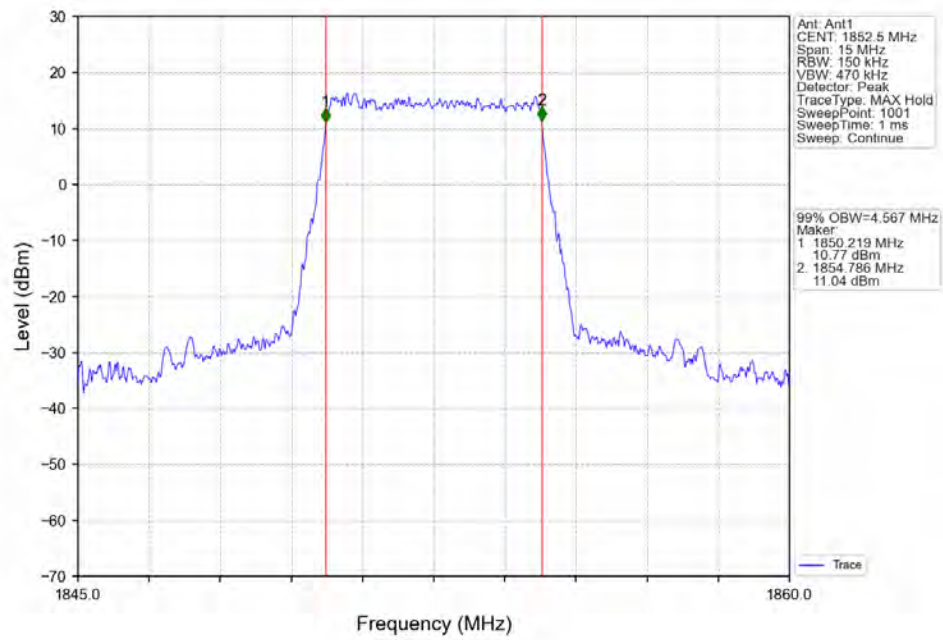
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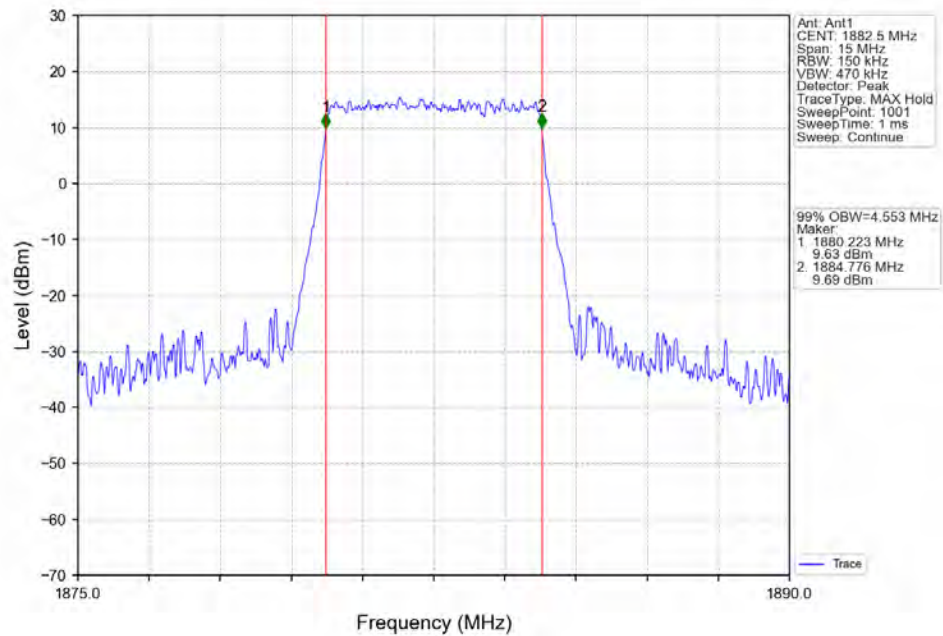
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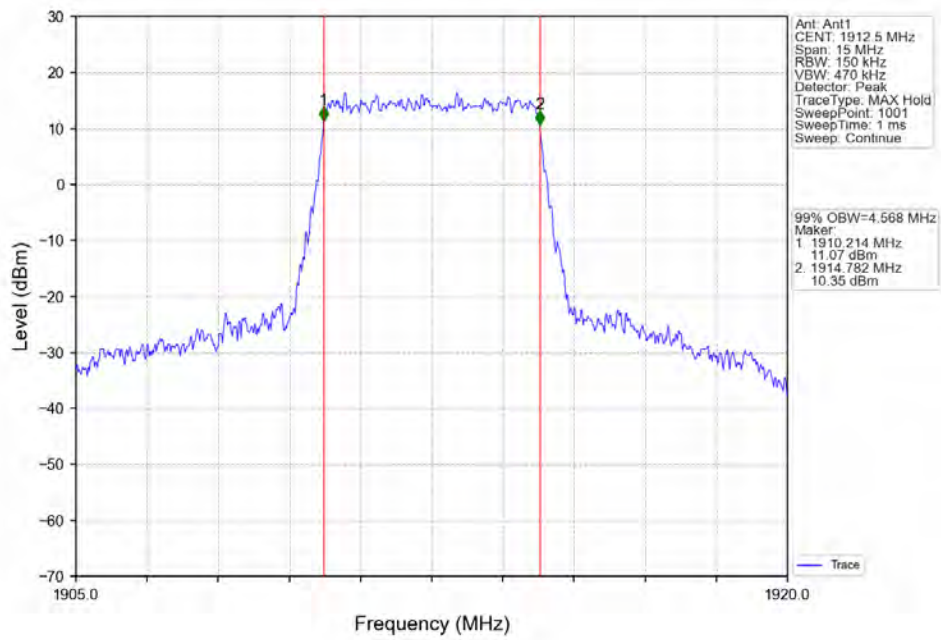
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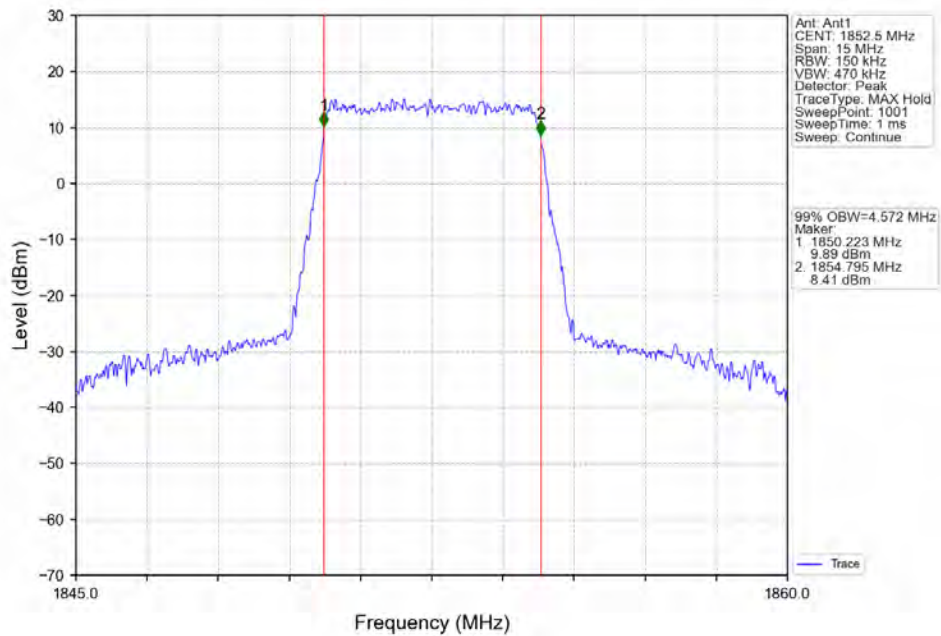
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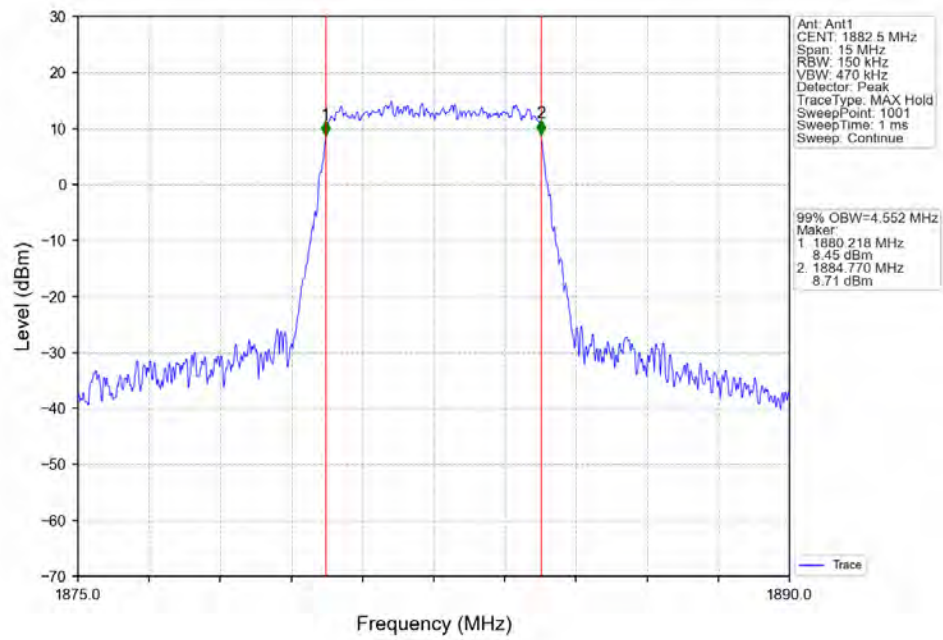
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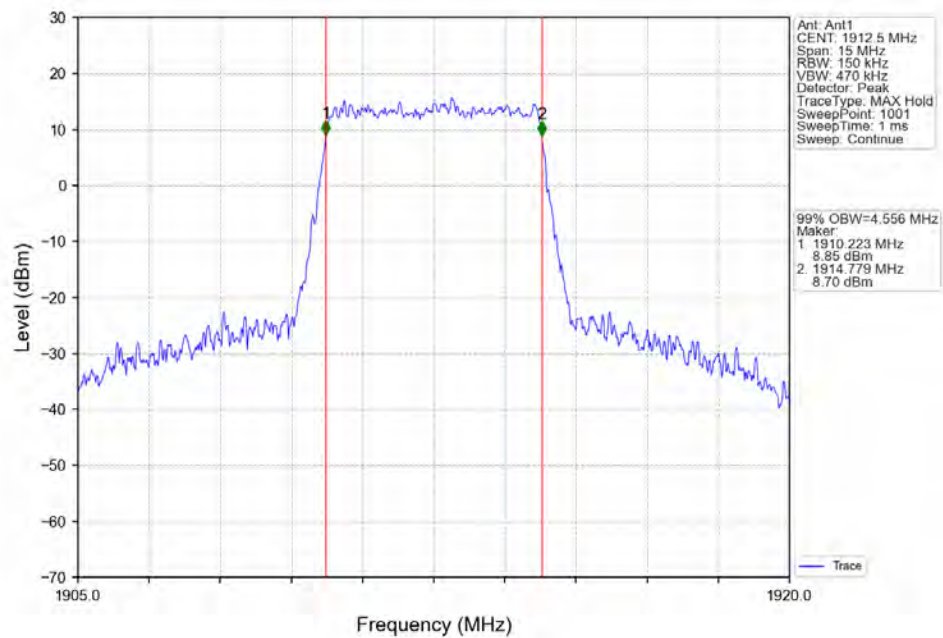
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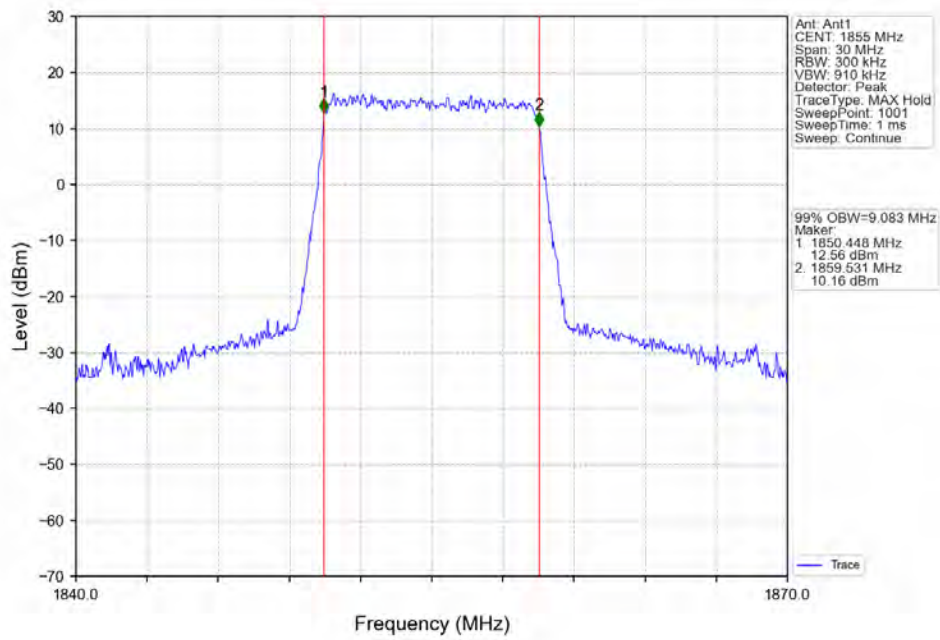
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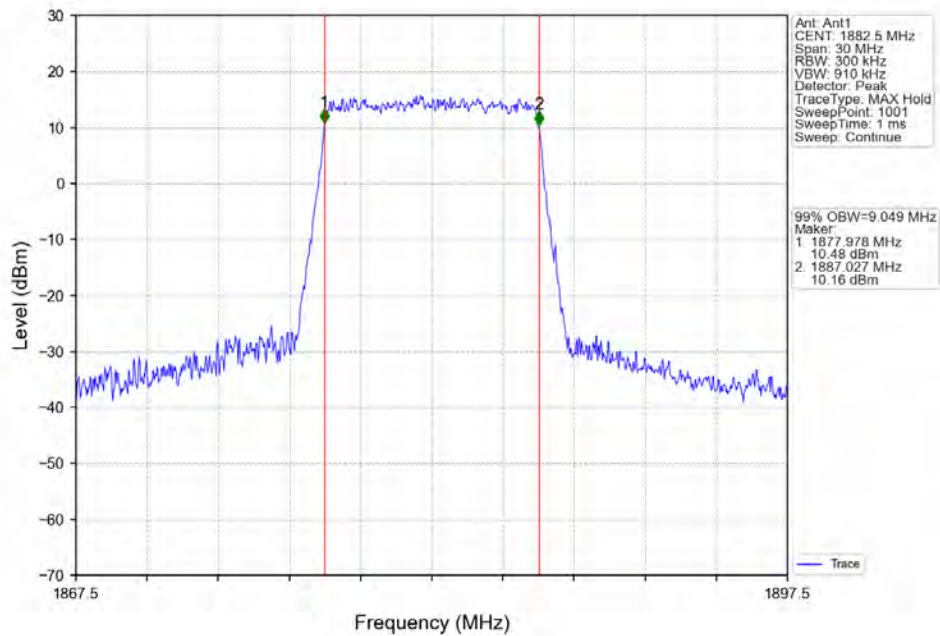
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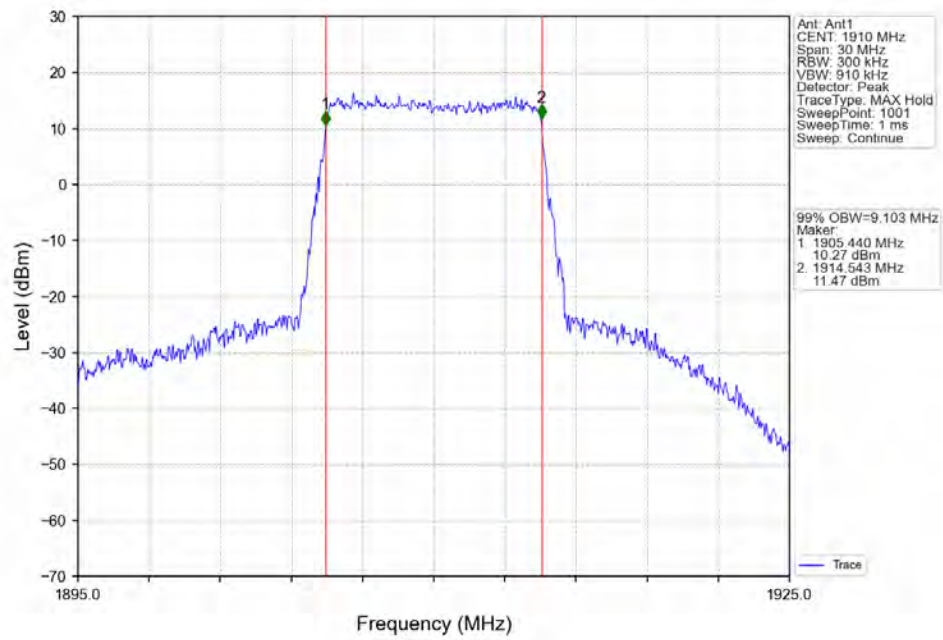
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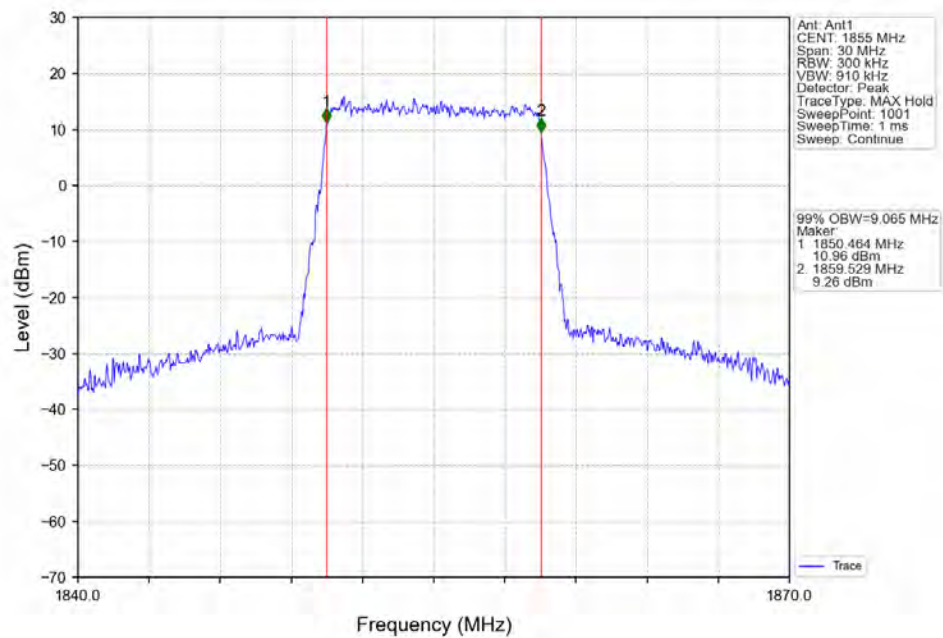
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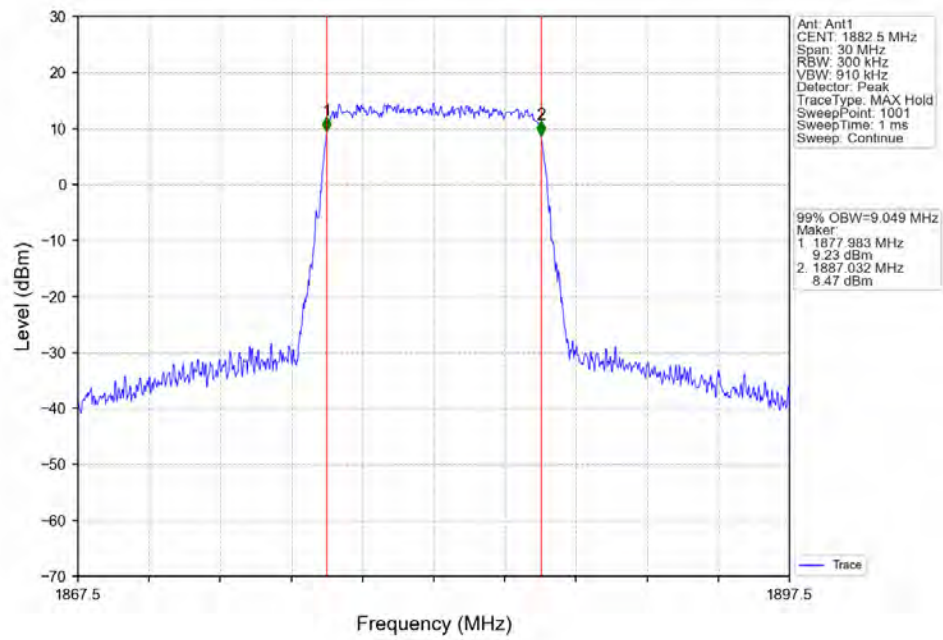
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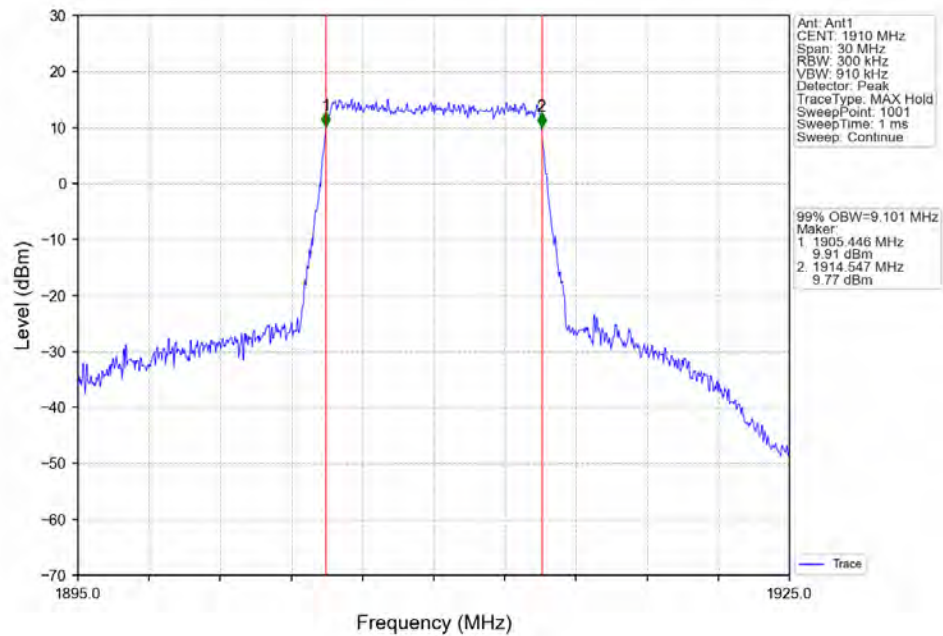
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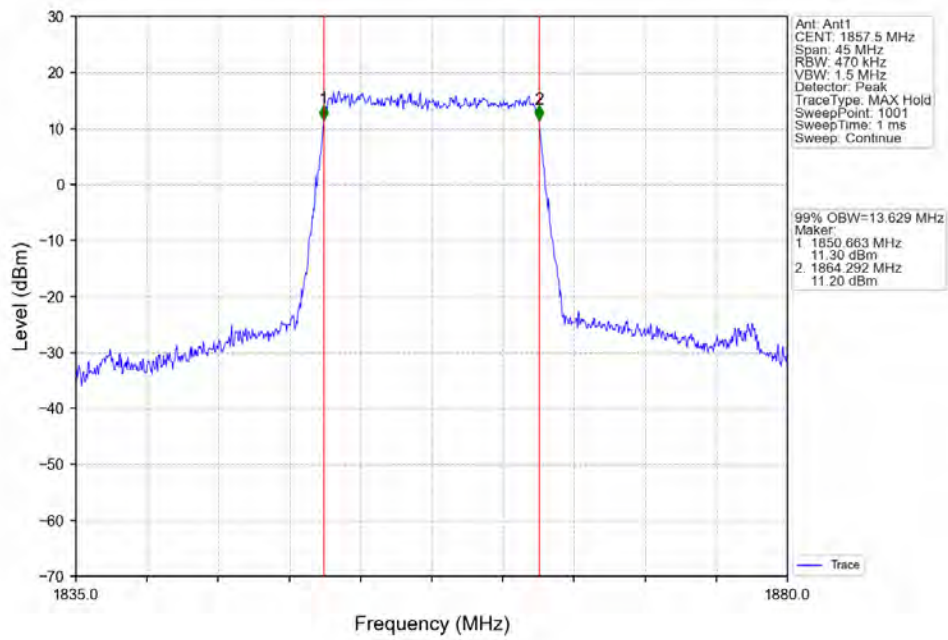
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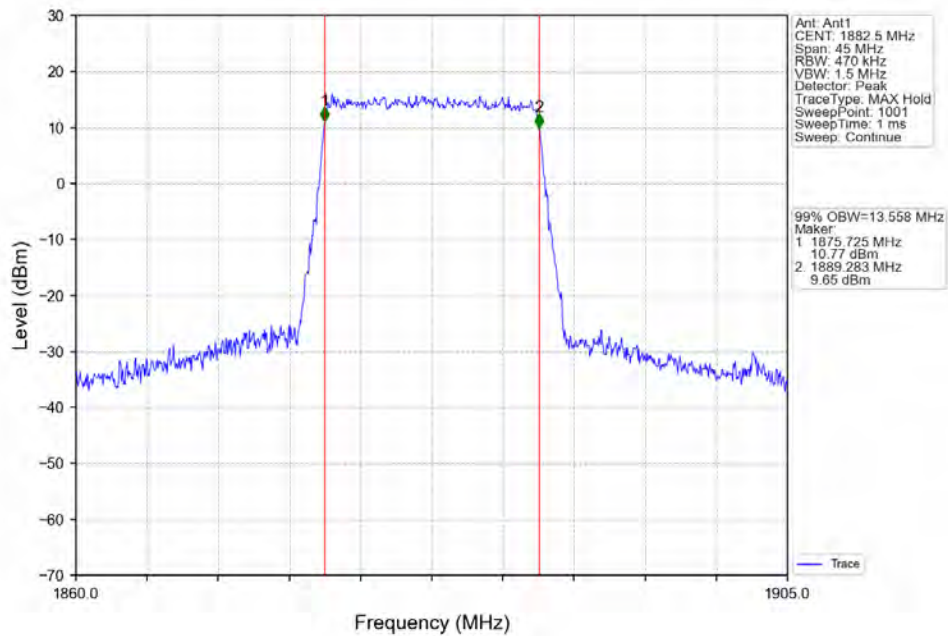
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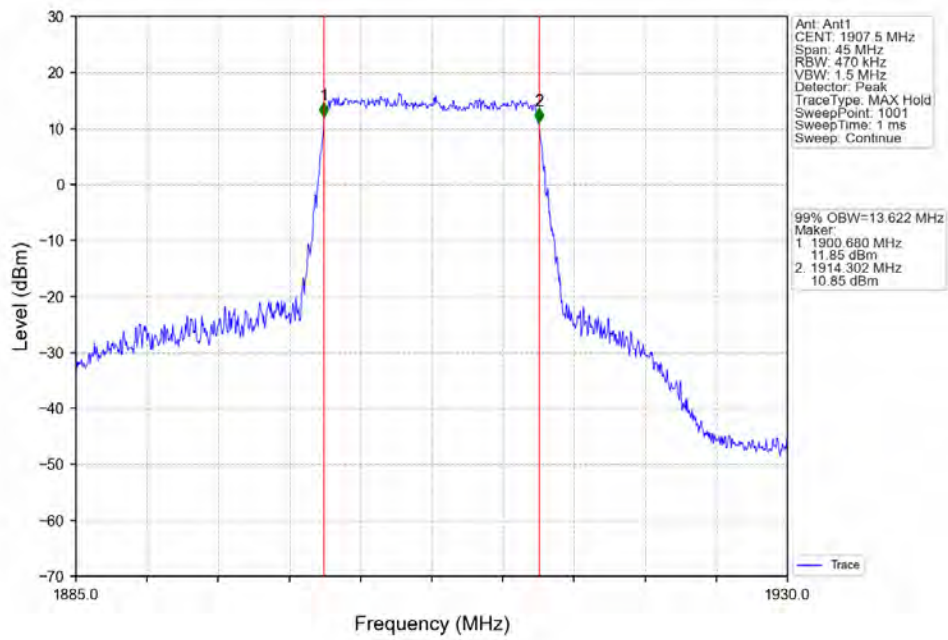
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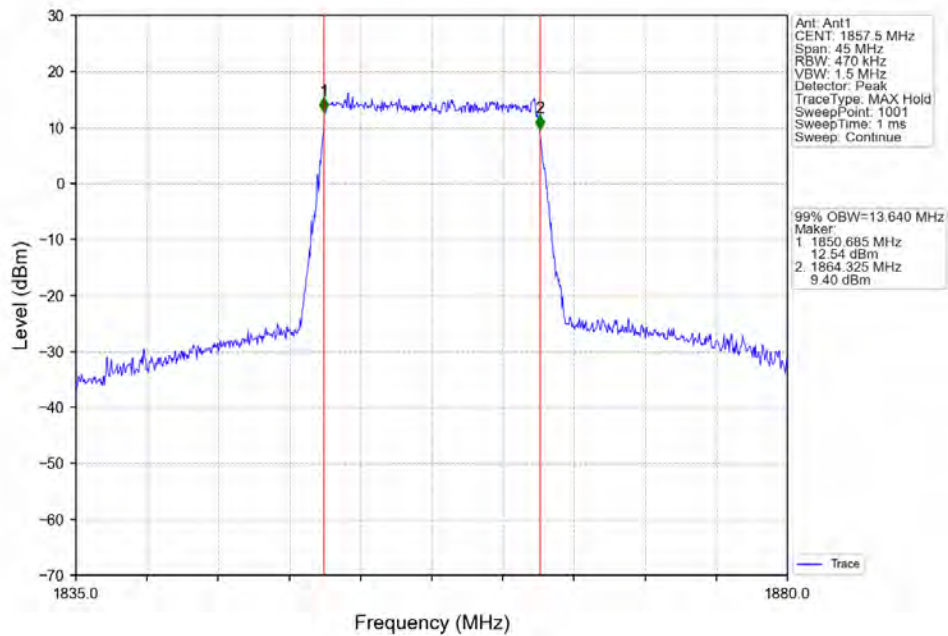
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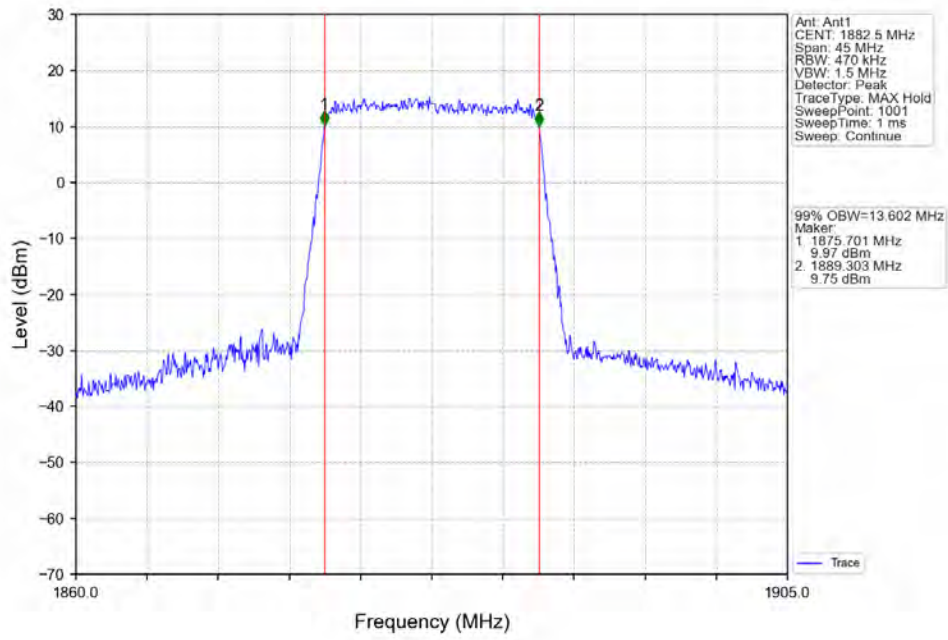
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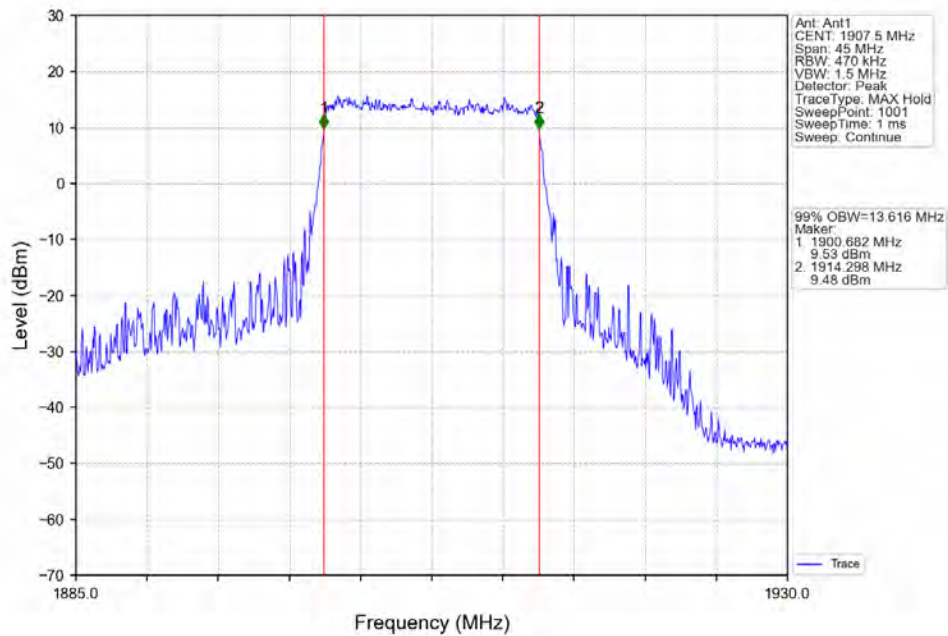
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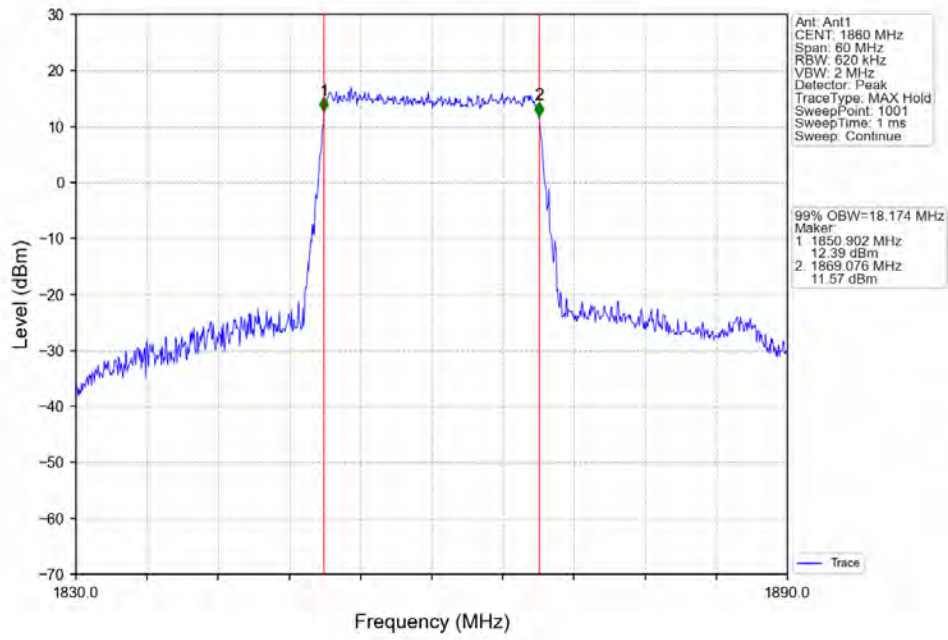
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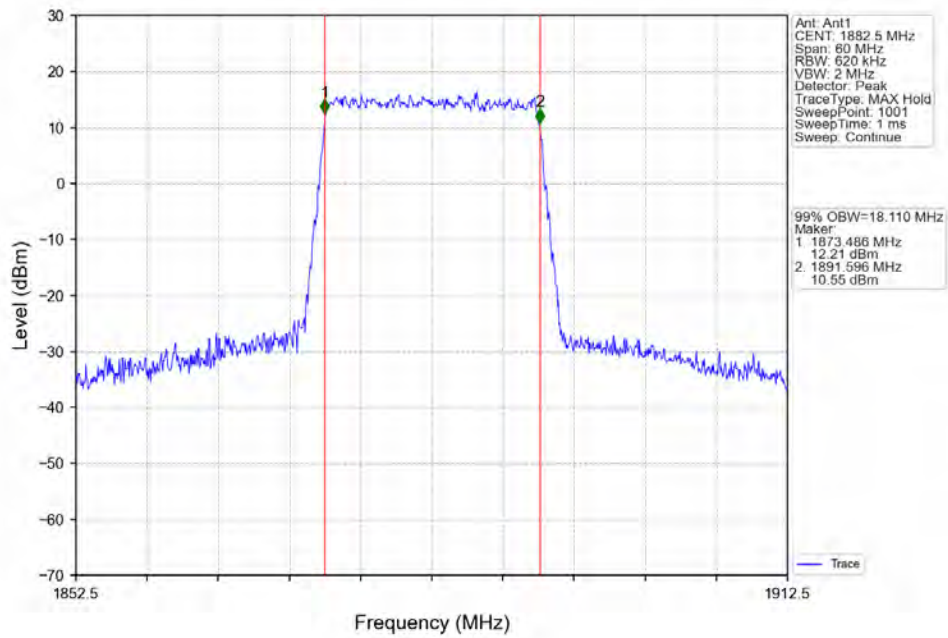
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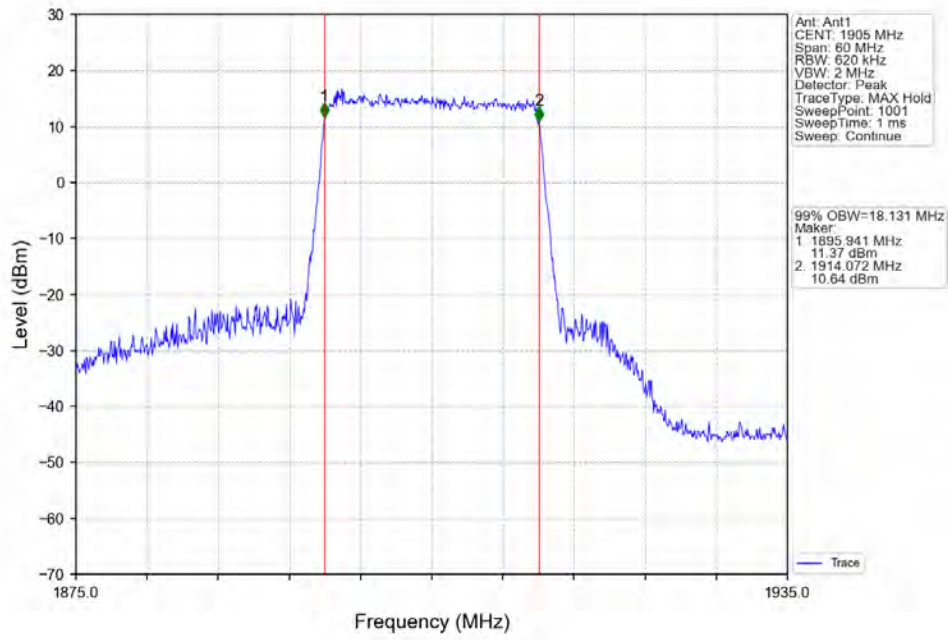
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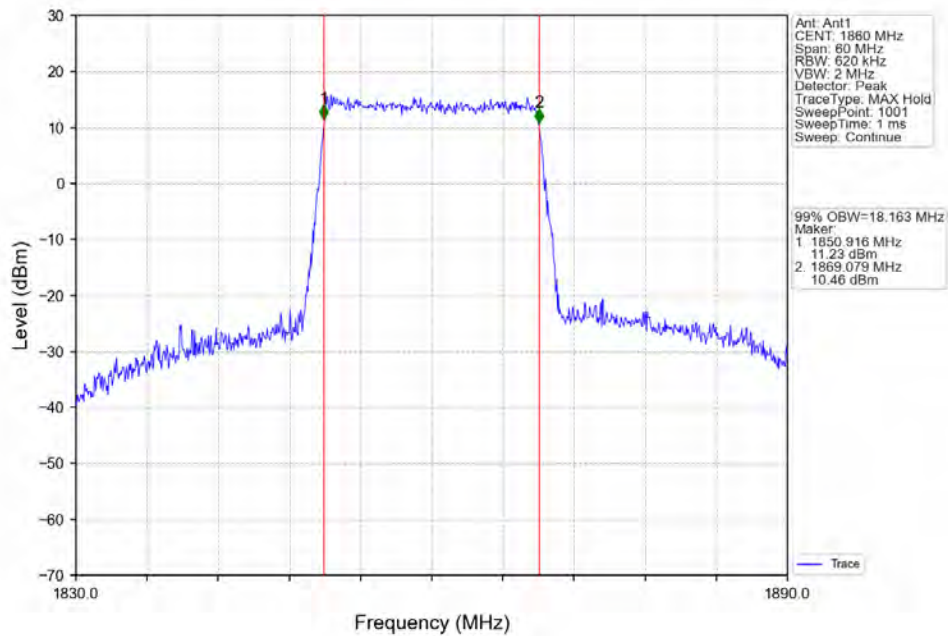
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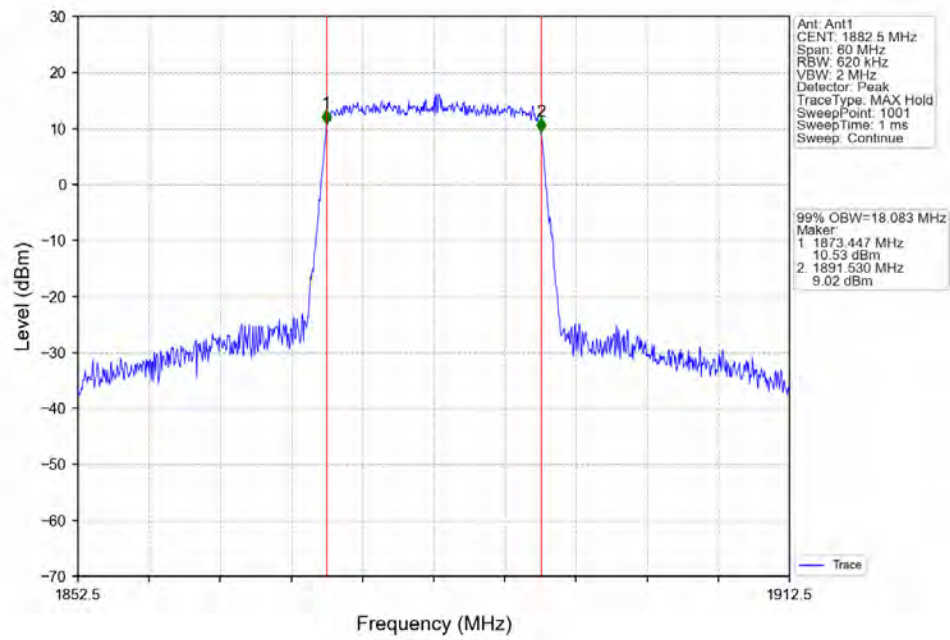
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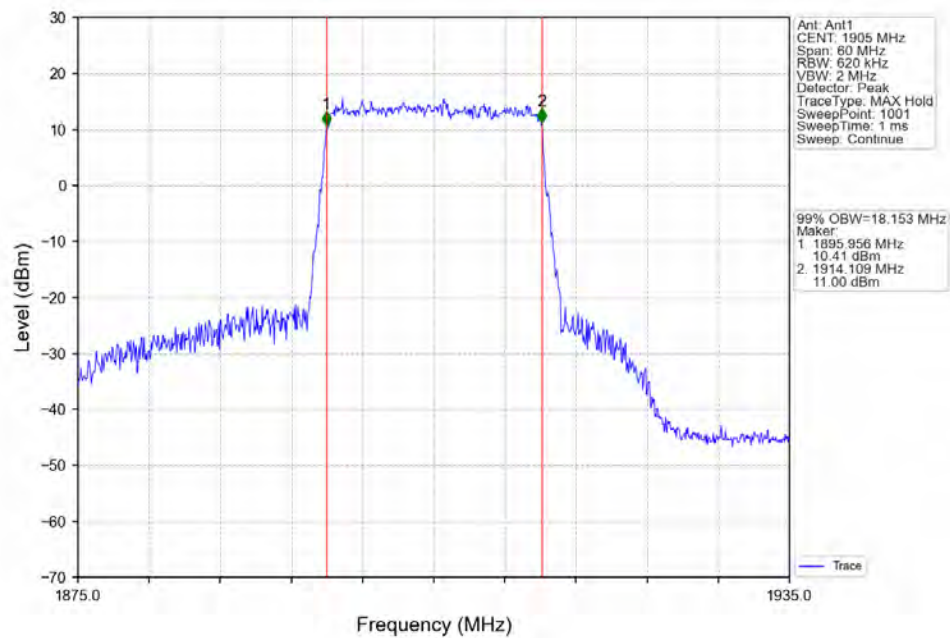
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Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTNV



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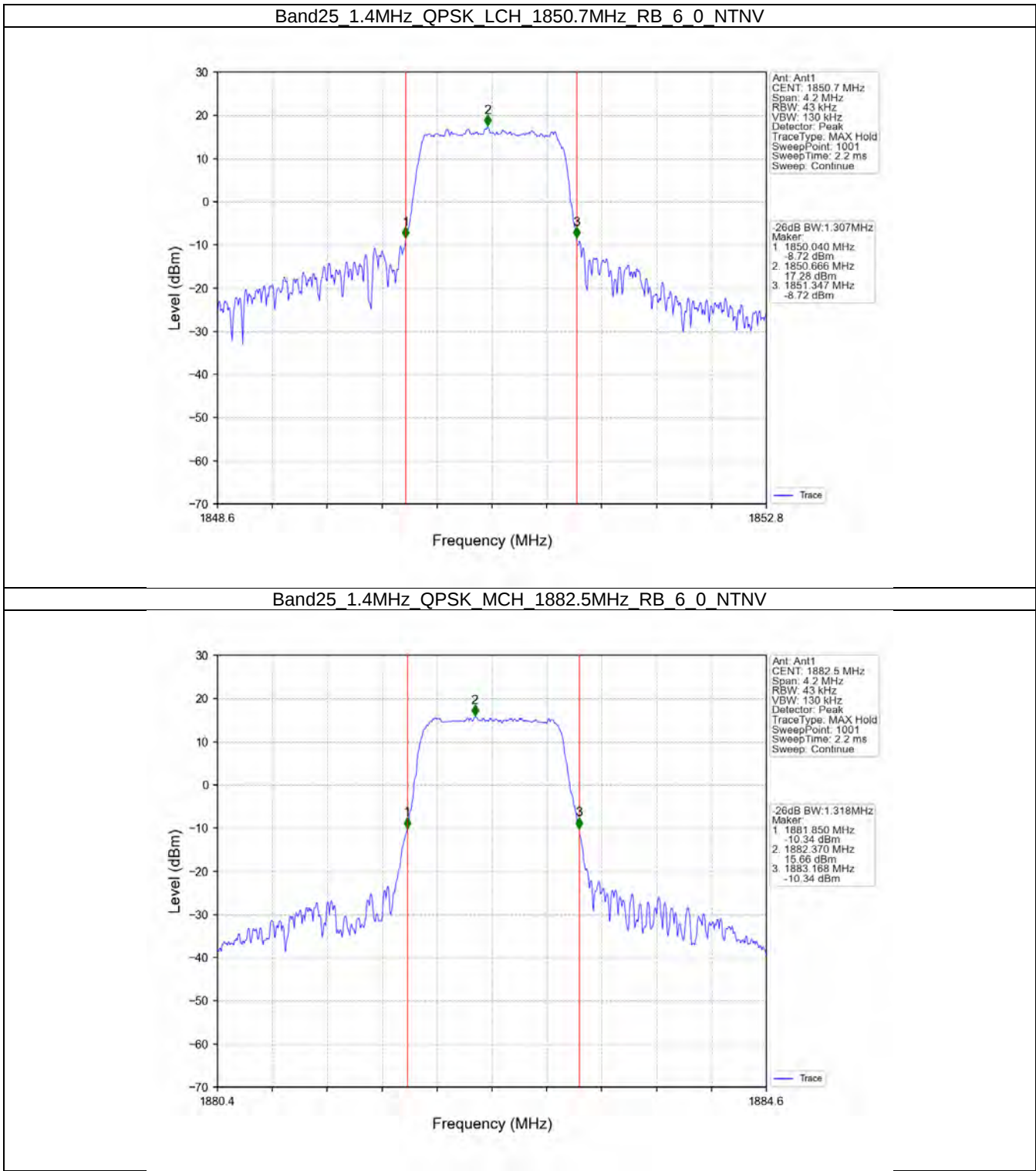


## 4.2 Band25\_XDB

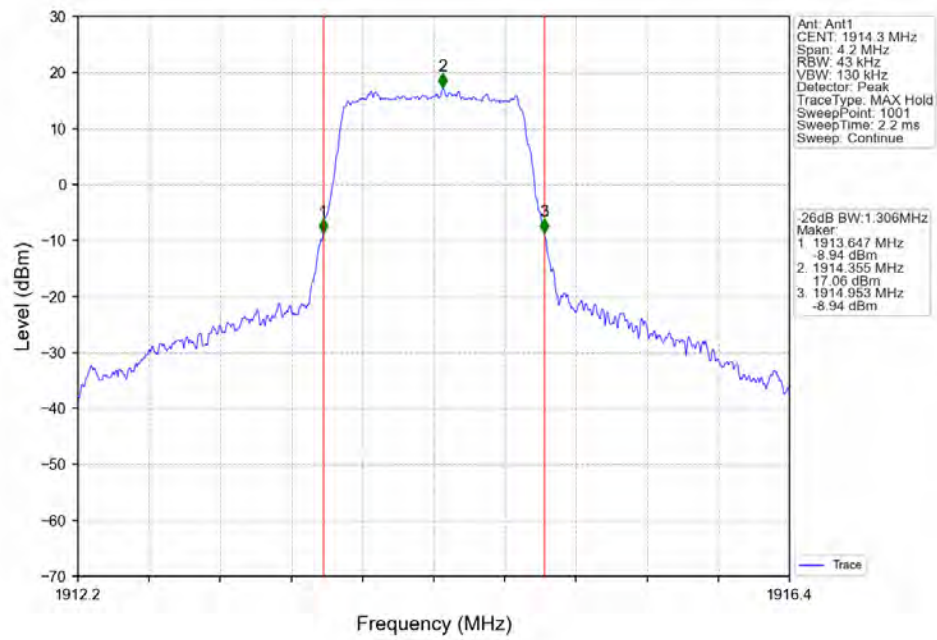
### 4.2.1 Test Result

| 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      | 1.307                | /     | Pass    |
|                 |            | 1882.5          | 6             | 0      | 1.318                | /     | Pass    |
|                 |            | 1914.3          | 6             | 0      | 1.306                | /     | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 1.516                | /     | Pass    |
|                 |            | 1882.5          | 6             | 0      | 1.314                | /     | Pass    |
|                 |            | 1914.3          | 6             | 0      | 1.327                | /     | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 3.002                | /     | Pass    |
|                 |            | 1882.5          | 15            | 0      | 3.014                | /     | Pass    |
|                 |            | 1913.5          | 15            | 0      | 2.988                | /     | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 2.981                | /     | Pass    |
|                 |            | 1882.5          | 15            | 0      | 2.990                | /     | Pass    |
|                 |            | 1913.5          | 15            | 0      | 2.995                | /     | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 5.324                | /     | Pass    |
|                 |            | 1882.5          | 25            | 0      | 5.203                | /     | Pass    |
|                 |            | 1912.5          | 25            | 0      | 5.246                | /     | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 5.339                | /     | Pass    |
|                 |            | 1882.5          | 25            | 0      | 5.233                | /     | Pass    |
|                 |            | 1912.5          | 25            | 0      | 5.205                | /     | Pass    |
| 10              | QPSK       | 1855            | 50            | 0      | 10.254               | /     | Pass    |
|                 |            | 1882.5          | 50            | 0      | 10.184               | /     | Pass    |
|                 |            | 1910            | 50            | 0      | 10.281               | /     | Pass    |
|                 | 16QAM      | 1855            | 50            | 0      | 10.243               | /     | Pass    |
|                 |            | 1882.5          | 50            | 0      | 10.143               | /     | Pass    |
|                 |            | 1910            | 50            | 0      | 10.324               | /     | Pass    |
| 15              | QPSK       | 1857.5          | 75            | 0      | 15.349               | /     | Pass    |
|                 |            | 1882.5          | 75            | 0      | 15.199               | /     | Pass    |
|                 |            | 1907.5          | 75            | 0      | 15.288               | /     | Pass    |
|                 | 16QAM      | 1857.5          | 75            | 0      | 15.241               | /     | Pass    |
|                 |            | 1882.5          | 75            | 0      | 15.307               | /     | Pass    |
|                 |            | 1907.5          | 75            | 0      | 15.937               | /     | Pass    |
| 20              | QPSK       | 1860            | 100           | 0      | 20.118               | /     | Pass    |
|                 |            | 1882.5          | 100           | 0      | 20.011               | /     | Pass    |
|                 |            | 1905            | 100           | 0      | 19.990               | /     | Pass    |
|                 | 16QAM      | 1860            | 100           | 0      | 20.282               | /     | Pass    |
|                 |            | 1882.5          | 100           | 0      | 19.982               | /     | Pass    |
|                 |            | 1905            | 100           | 0      | 20.003               | /     | Pass    |

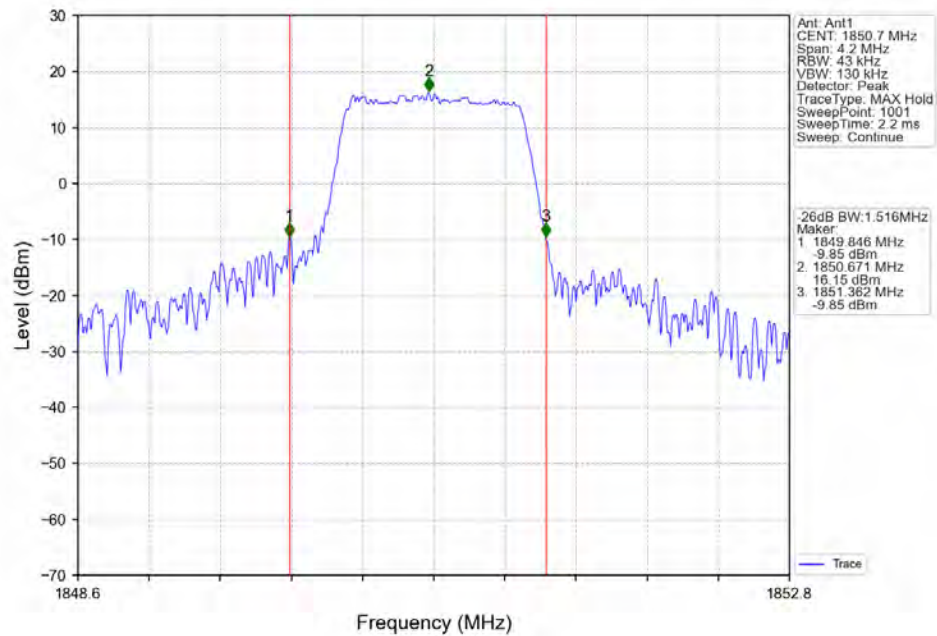
4.2.2 Test Graph



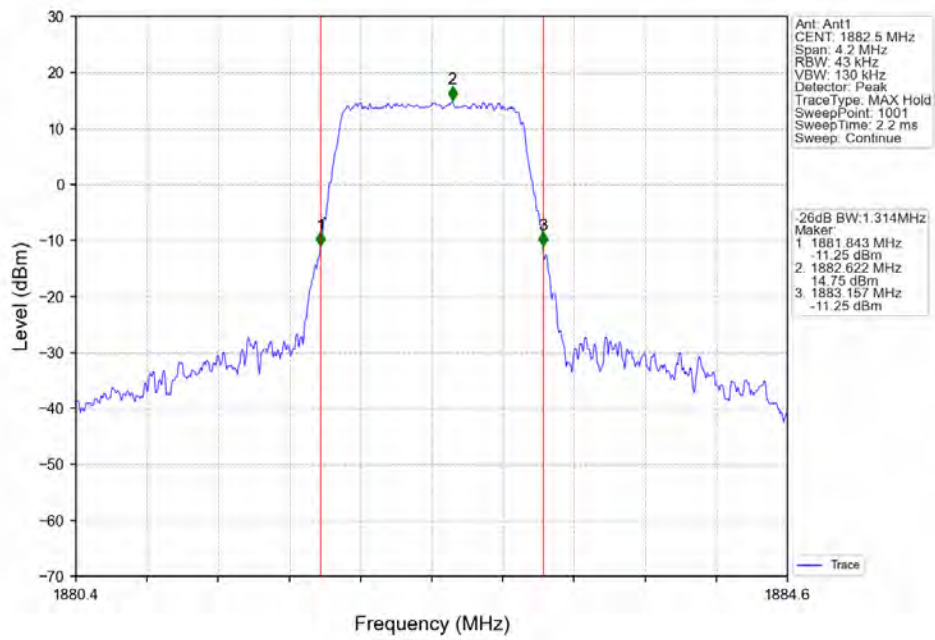
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



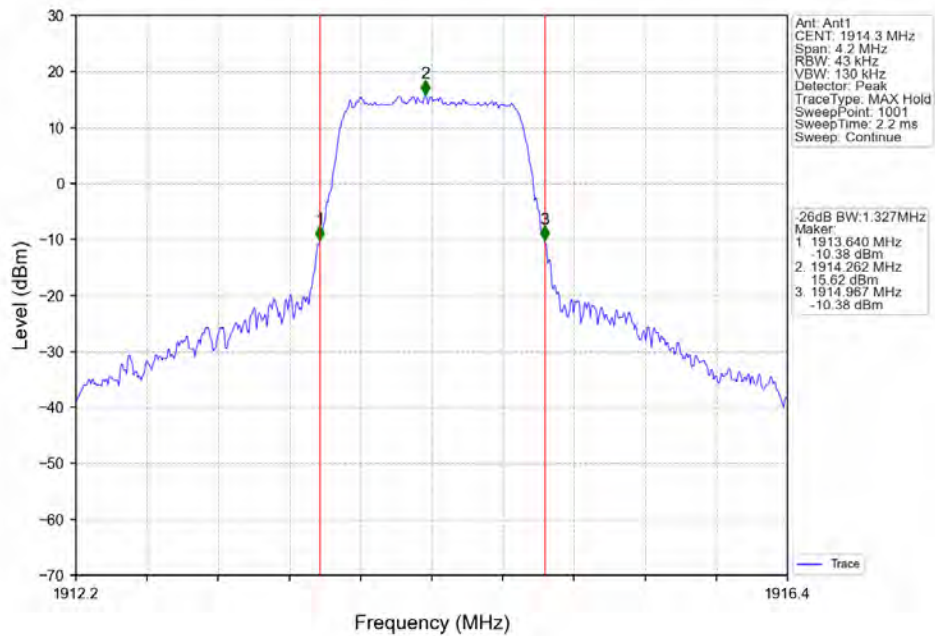
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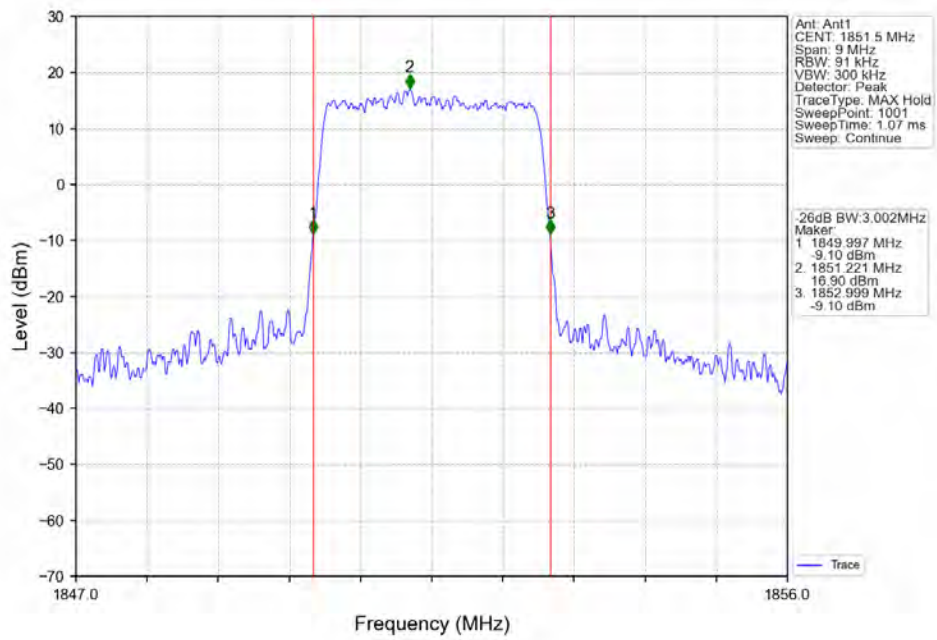
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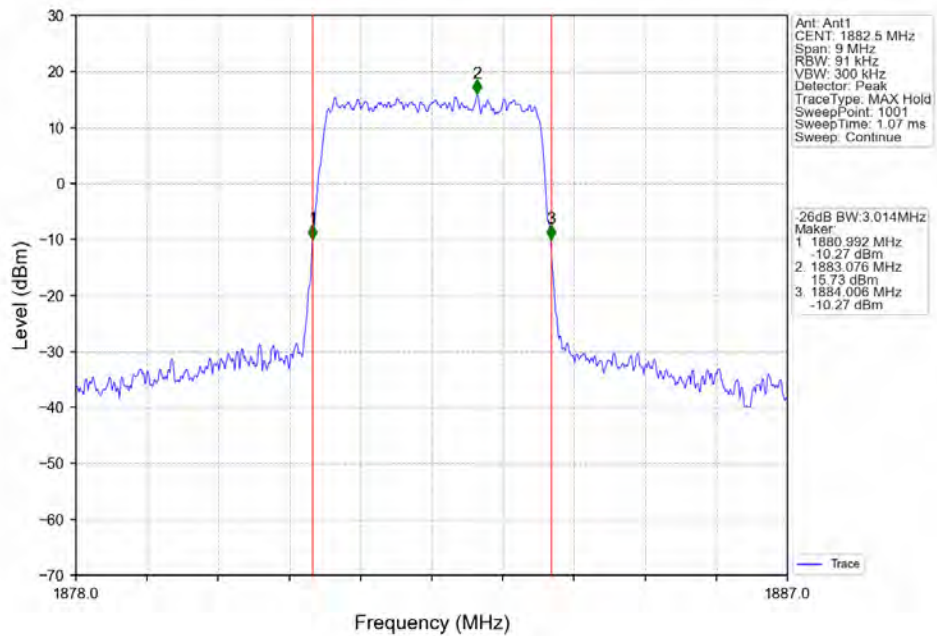
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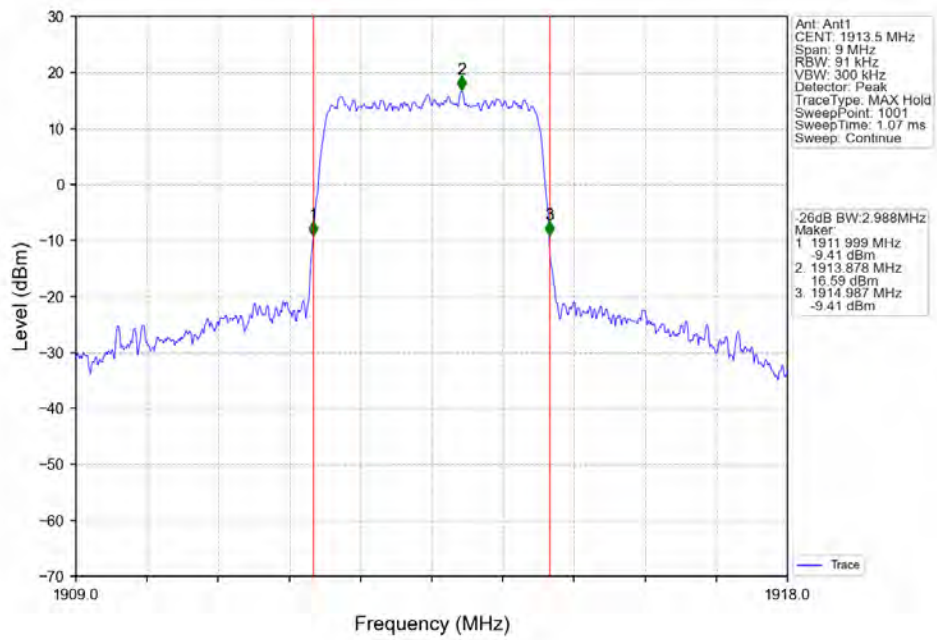
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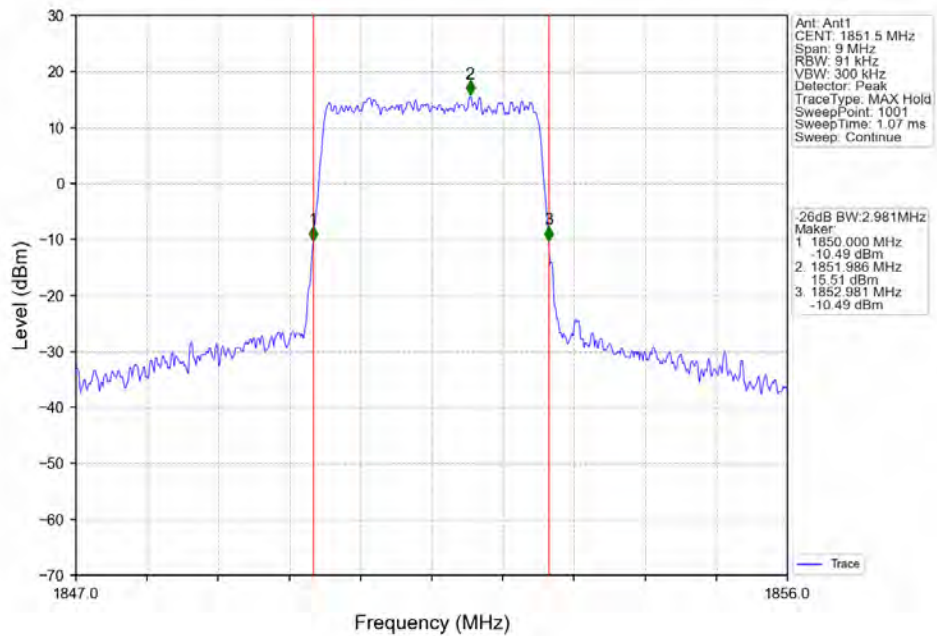
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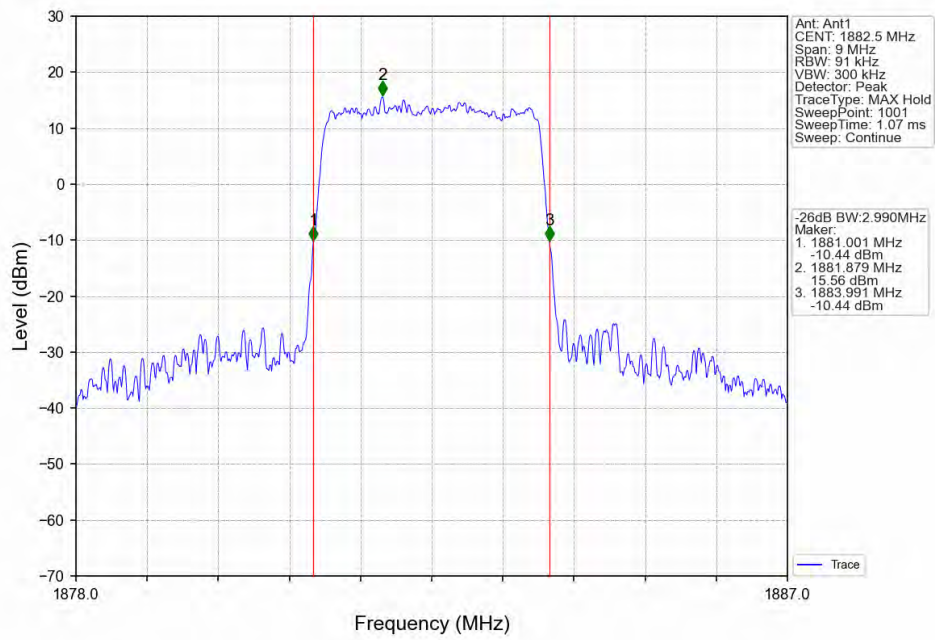
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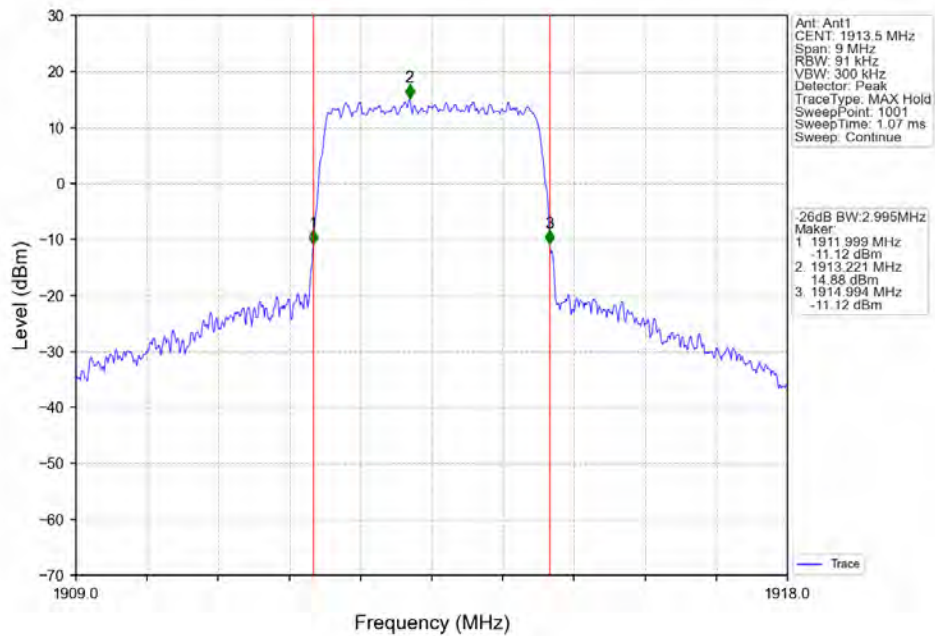
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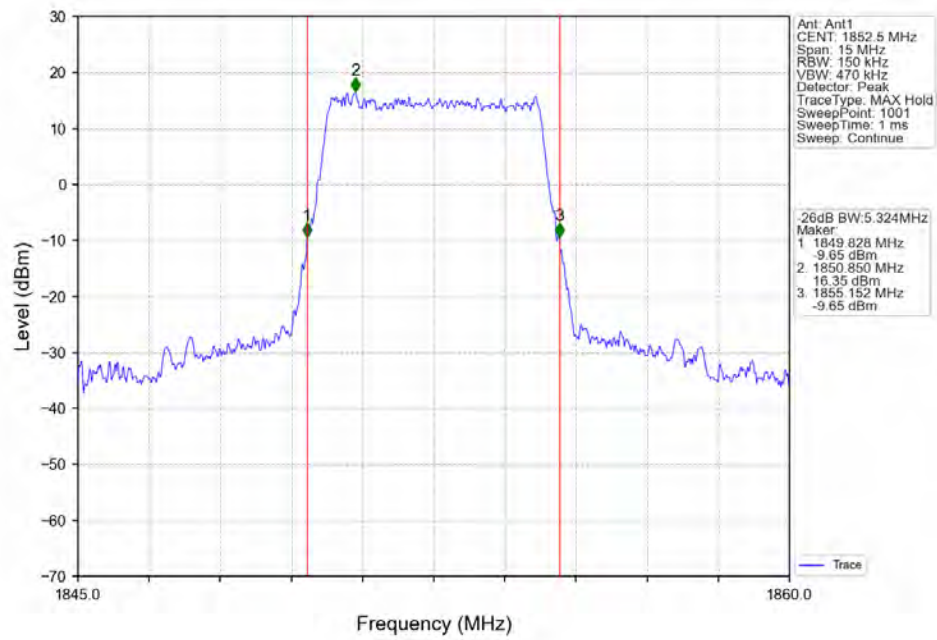
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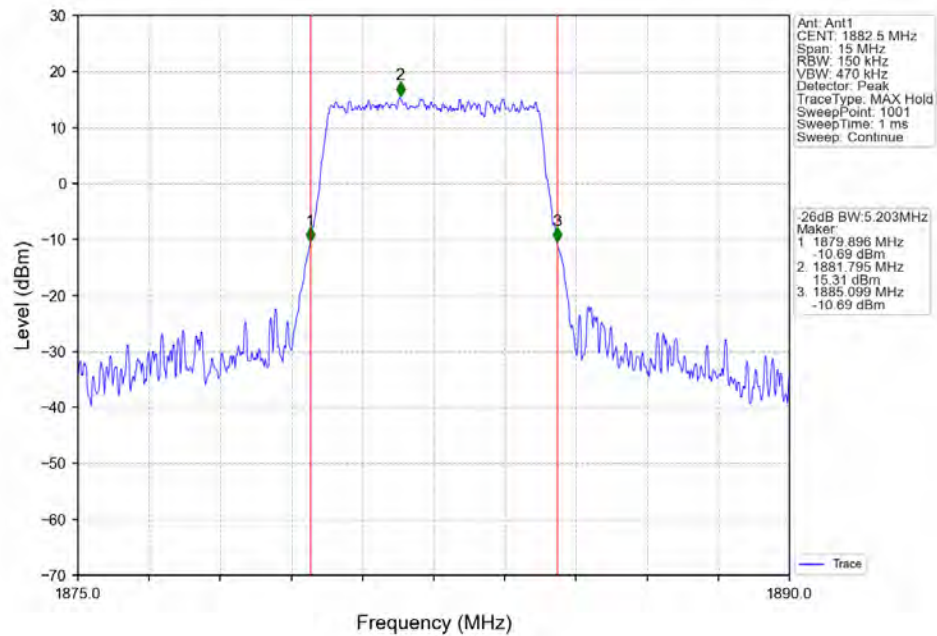
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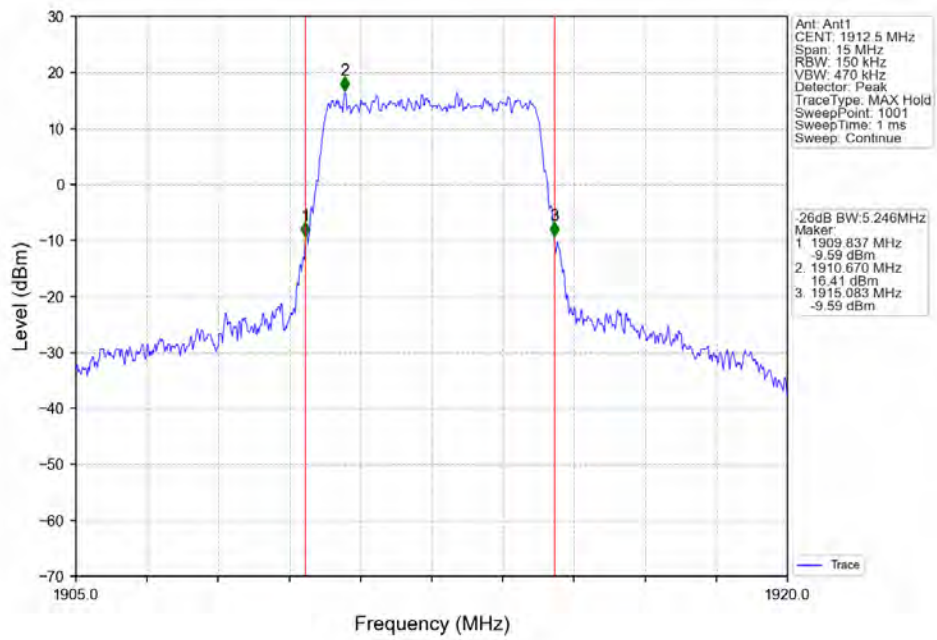
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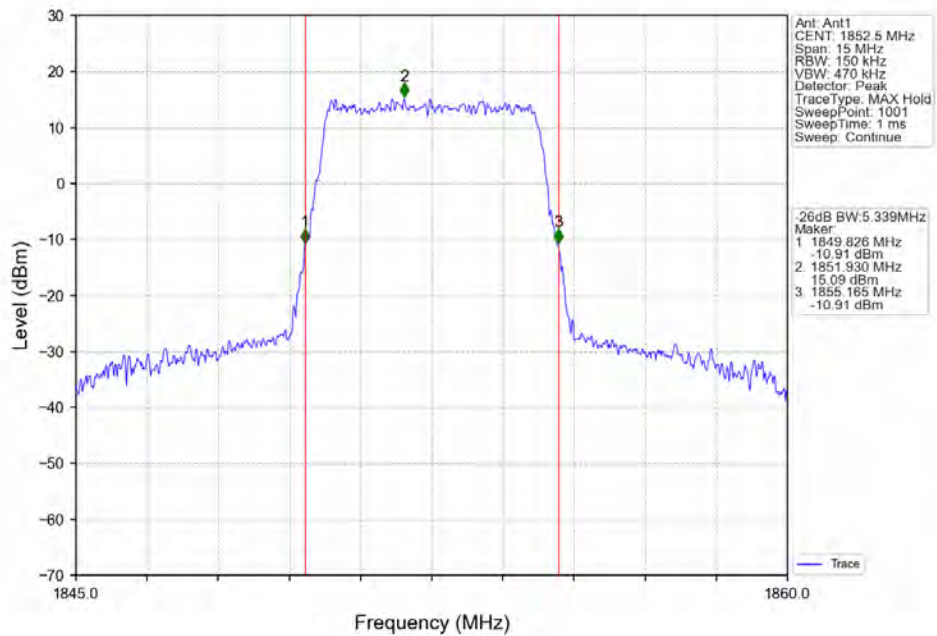
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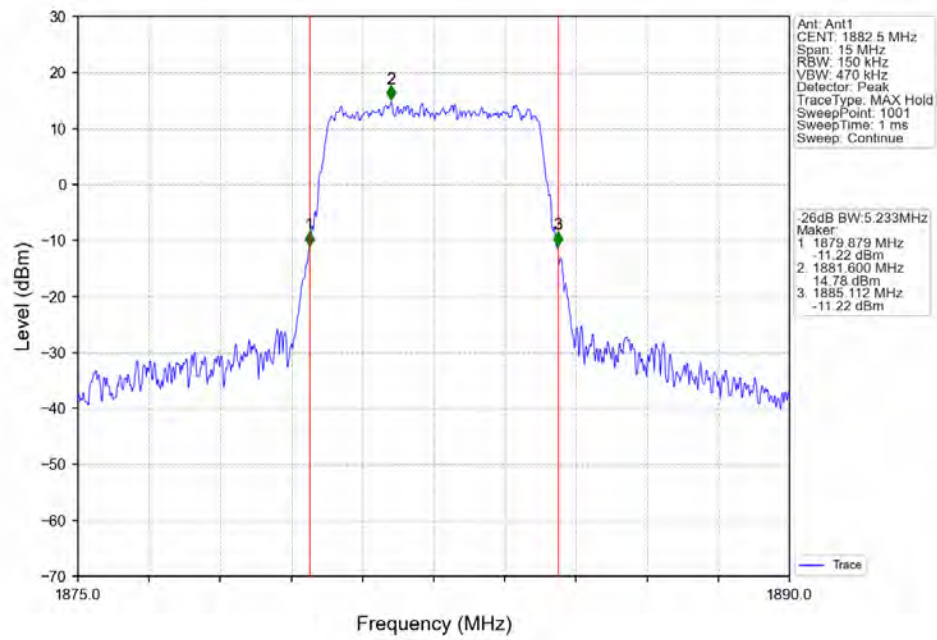
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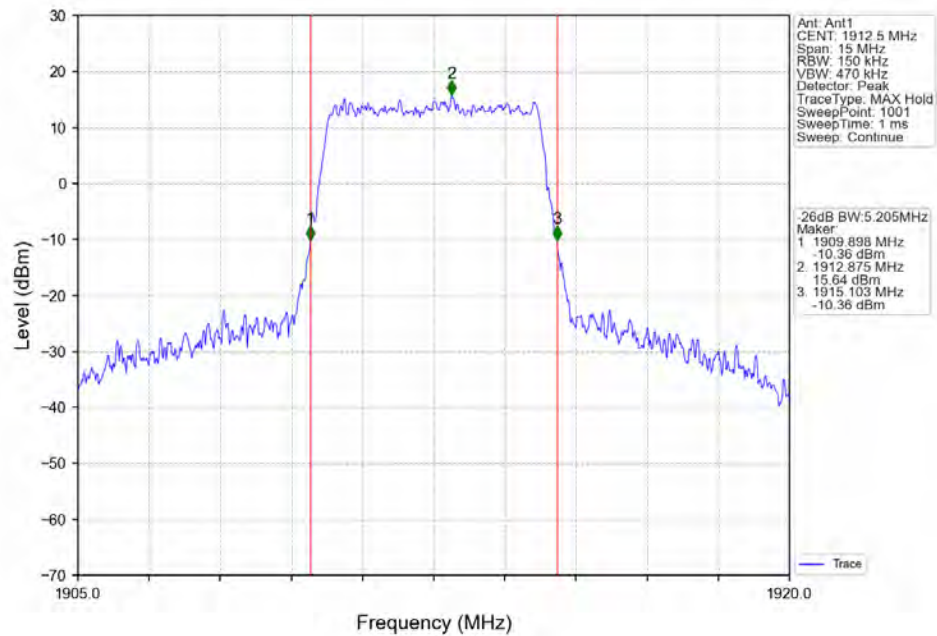
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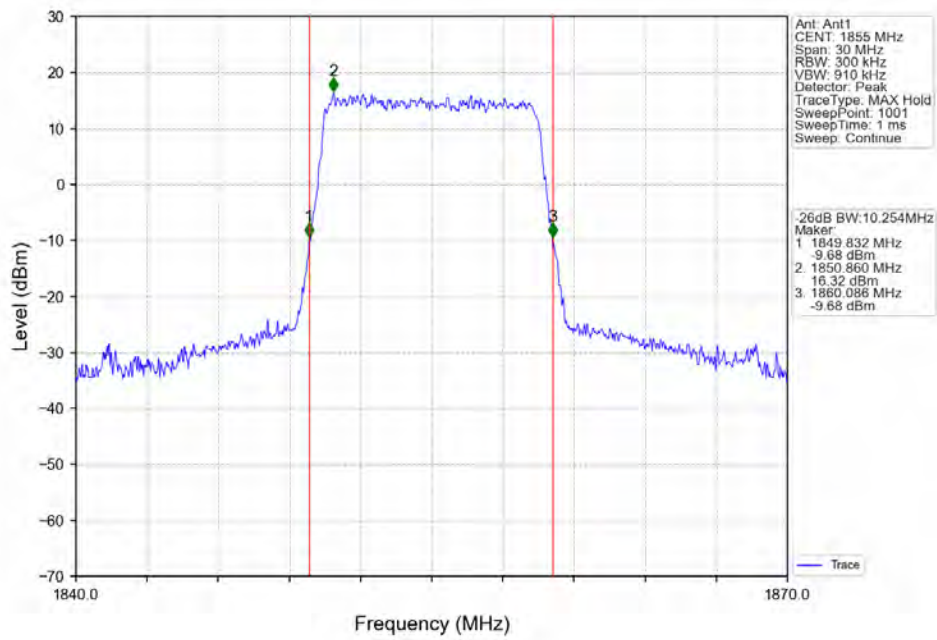
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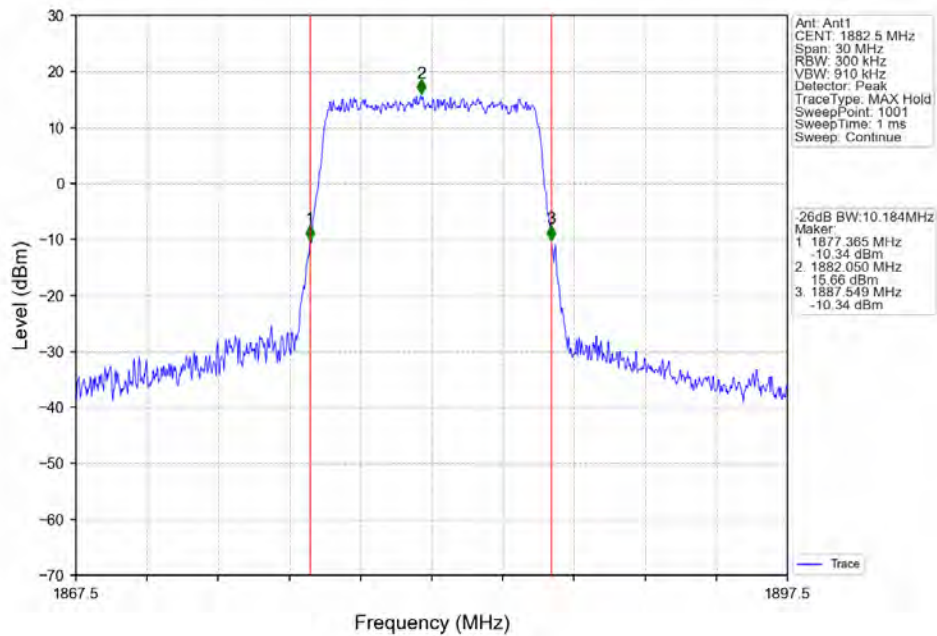
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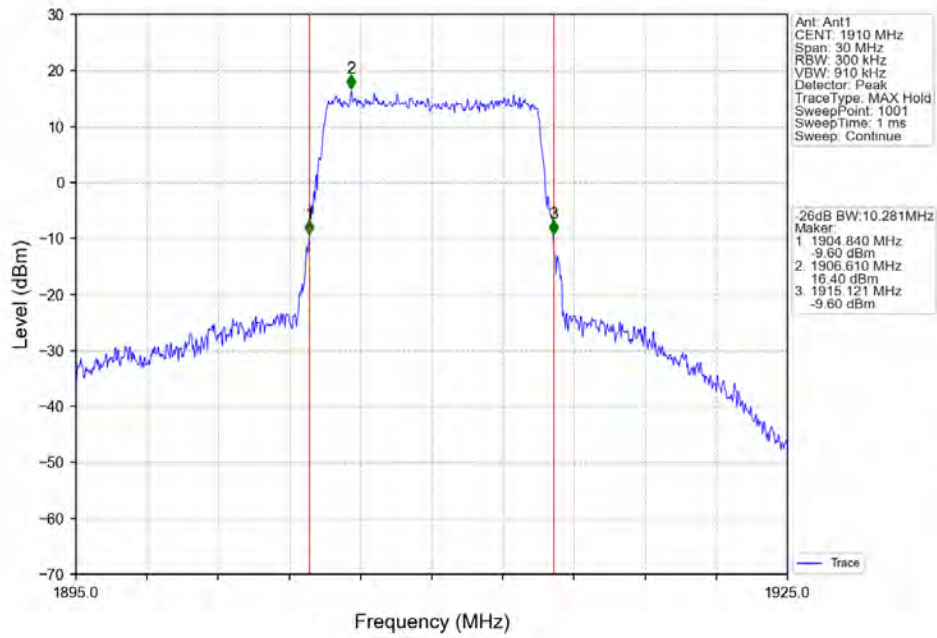
Band25 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



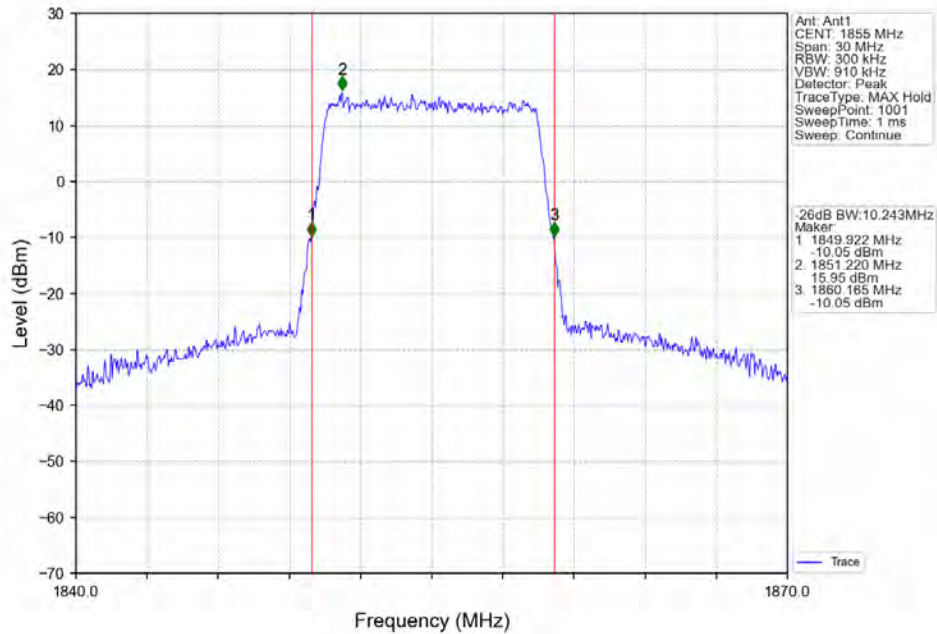
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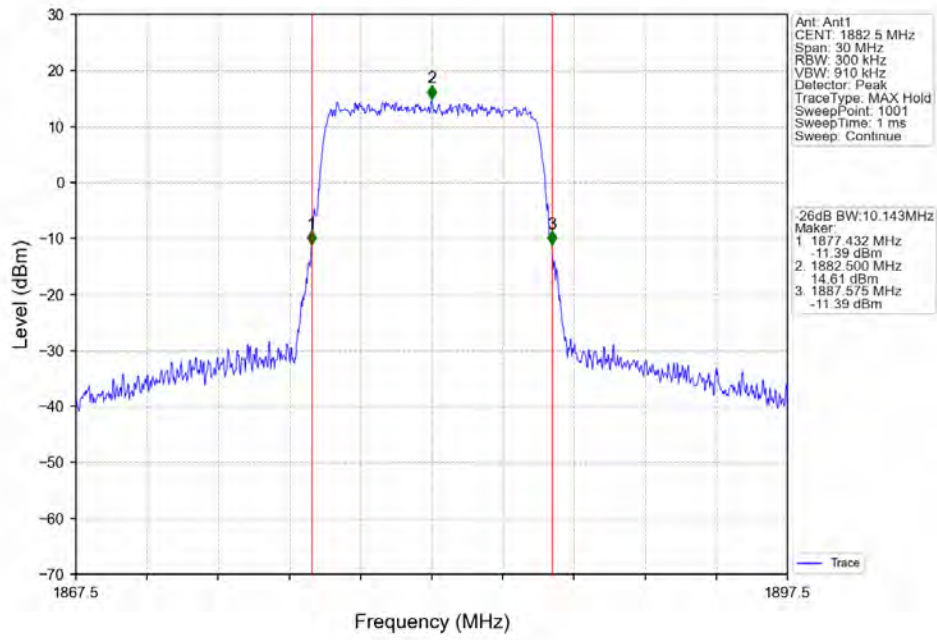
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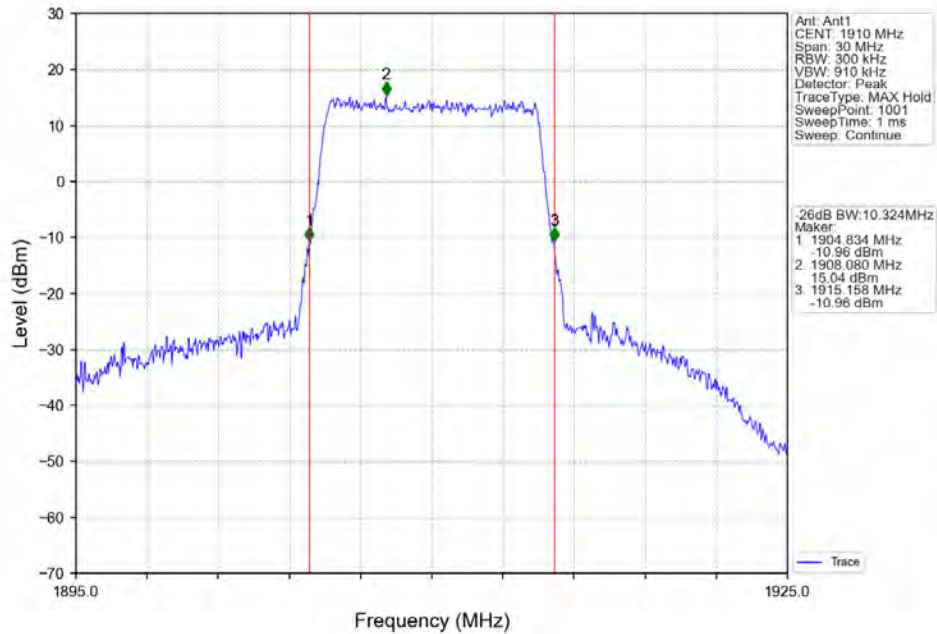
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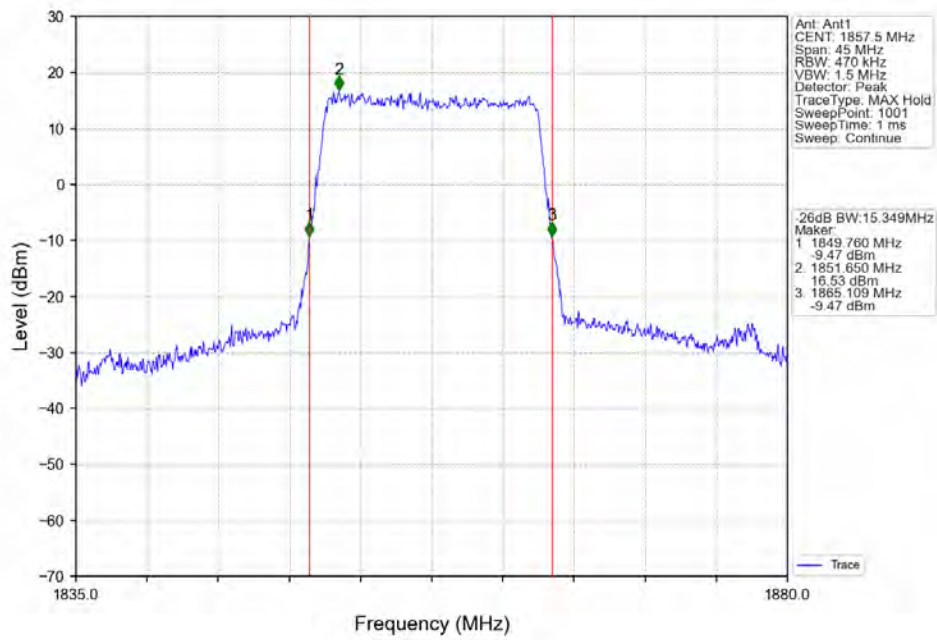
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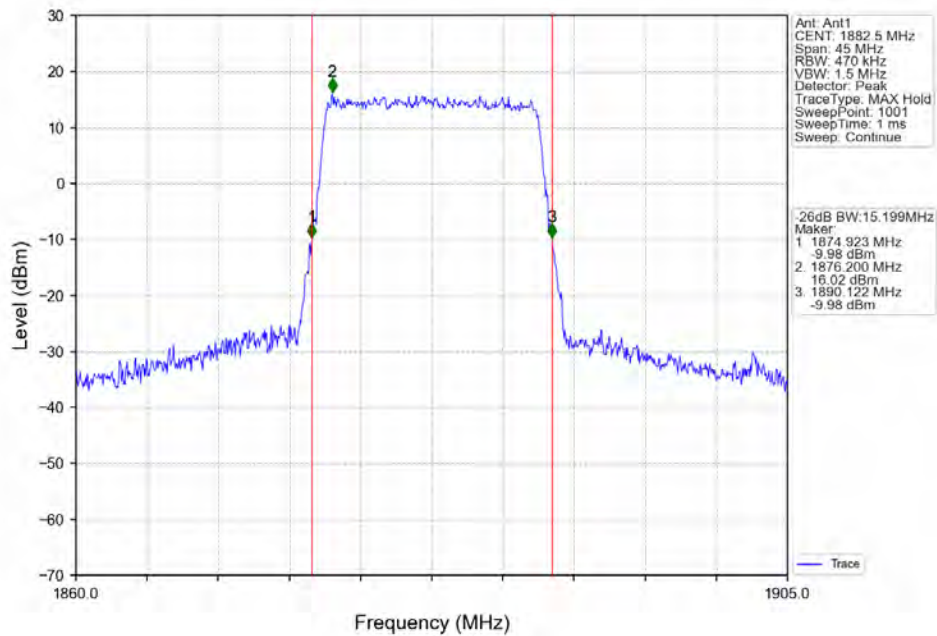
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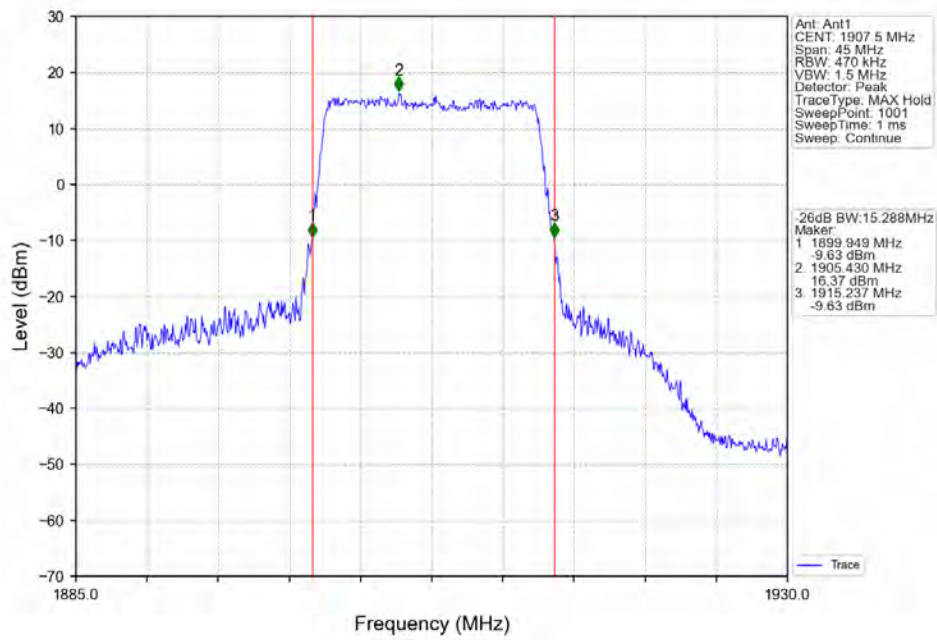
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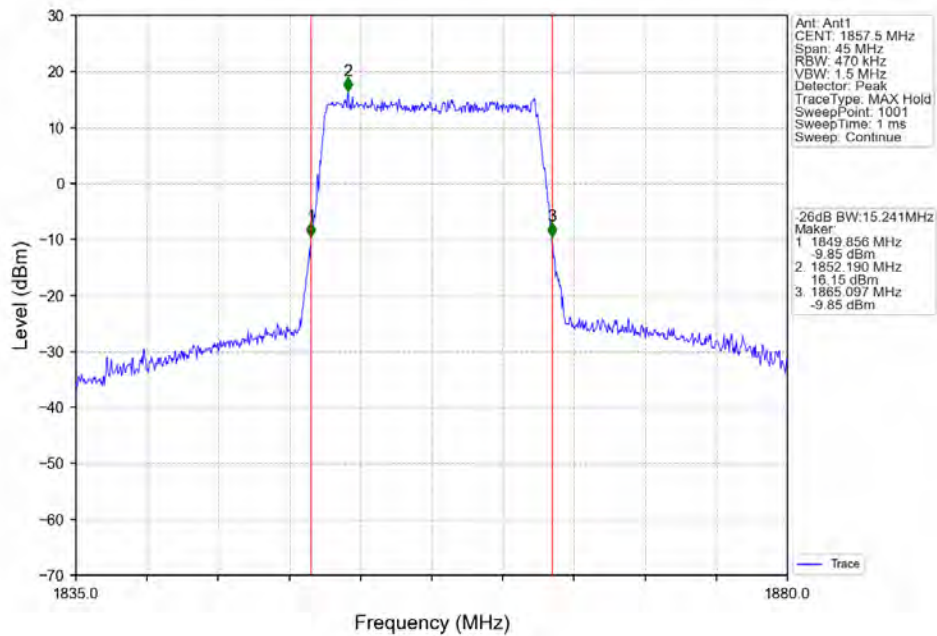
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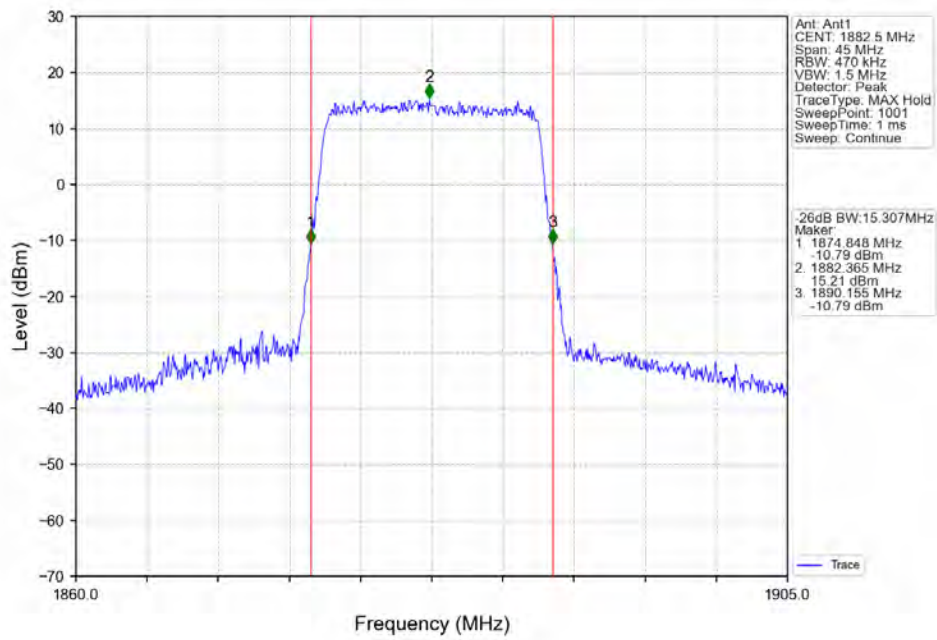
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV



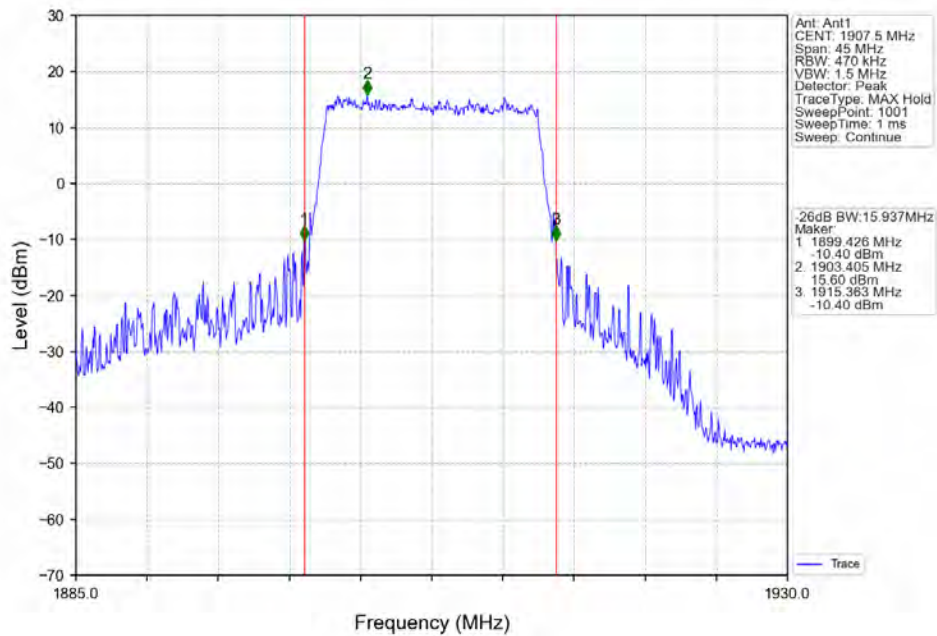
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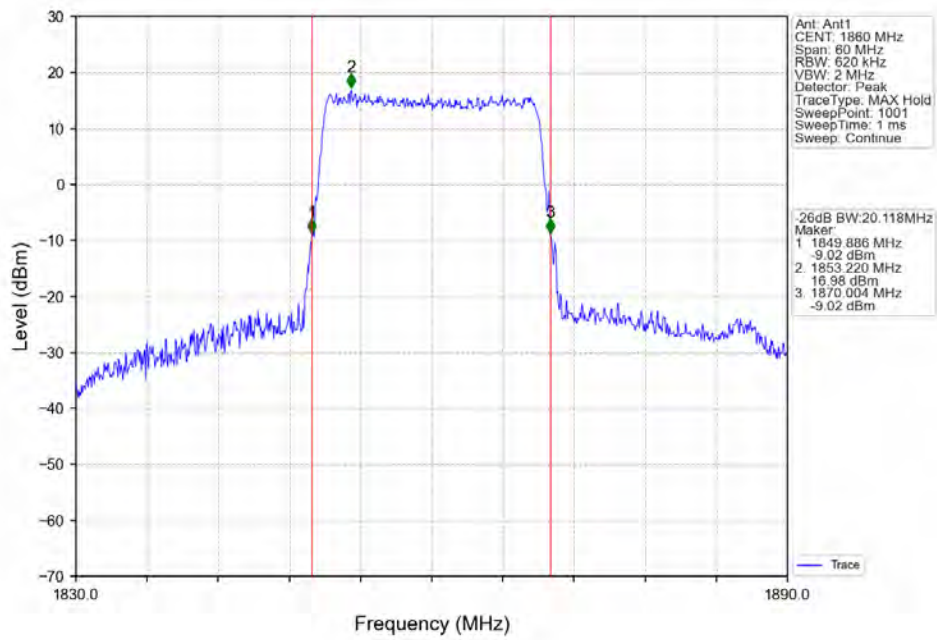
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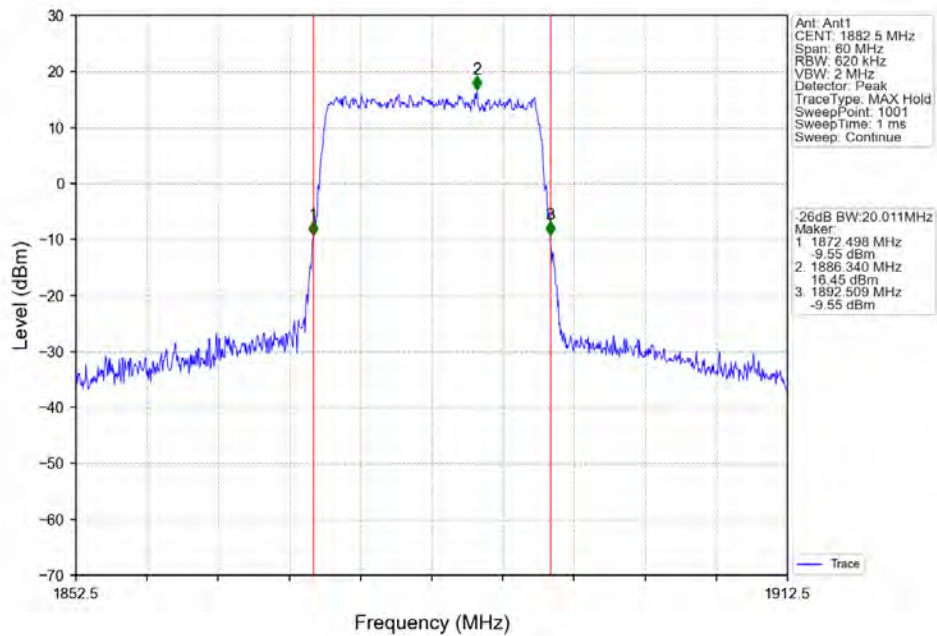
Band25 15MHz 16QAM HCH 1907.5MHz RB 75 0 NTNV



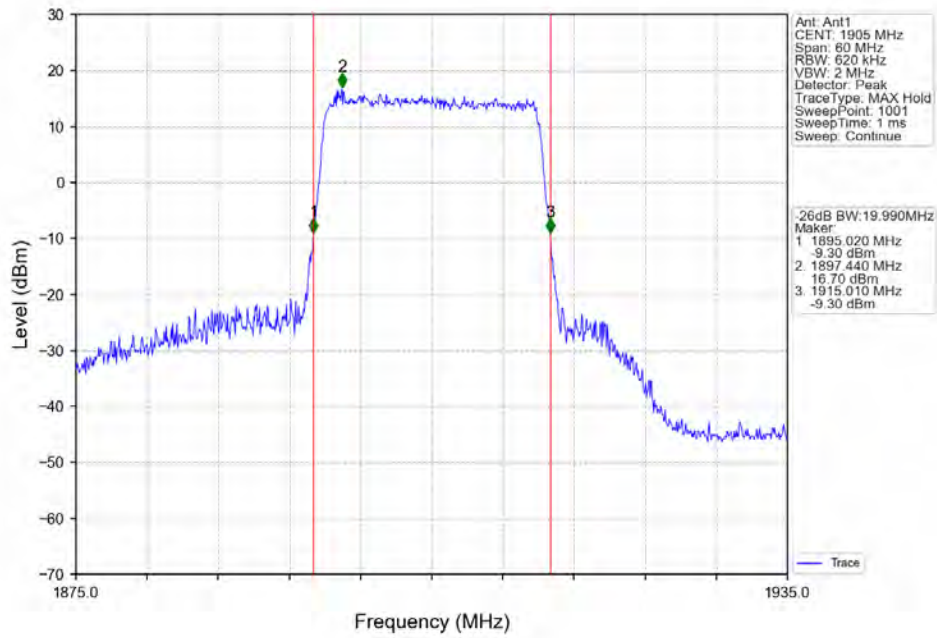
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



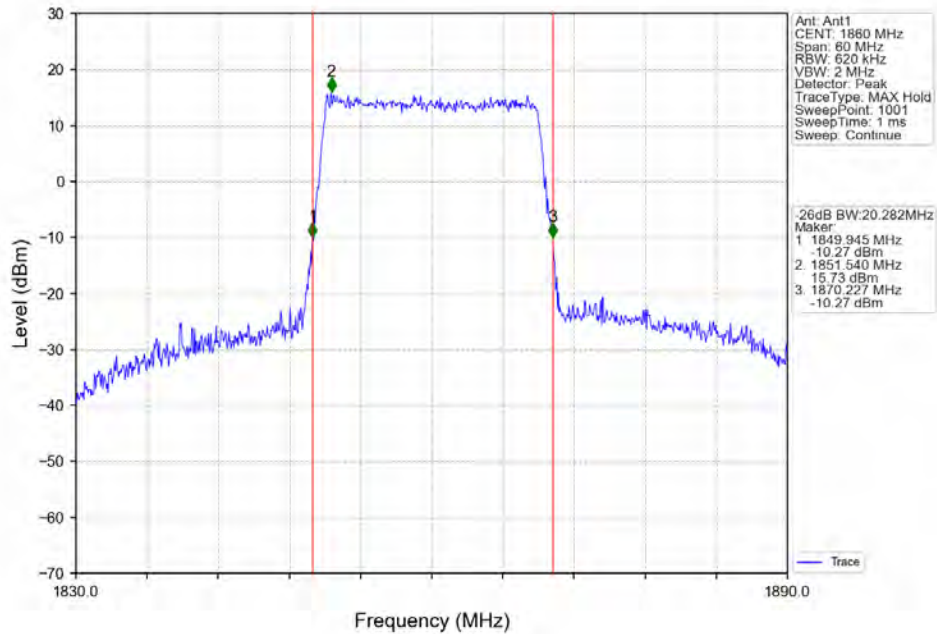
Band25 20MHz QPSK MCH 1882.5MHz RB 100 0 NTNV



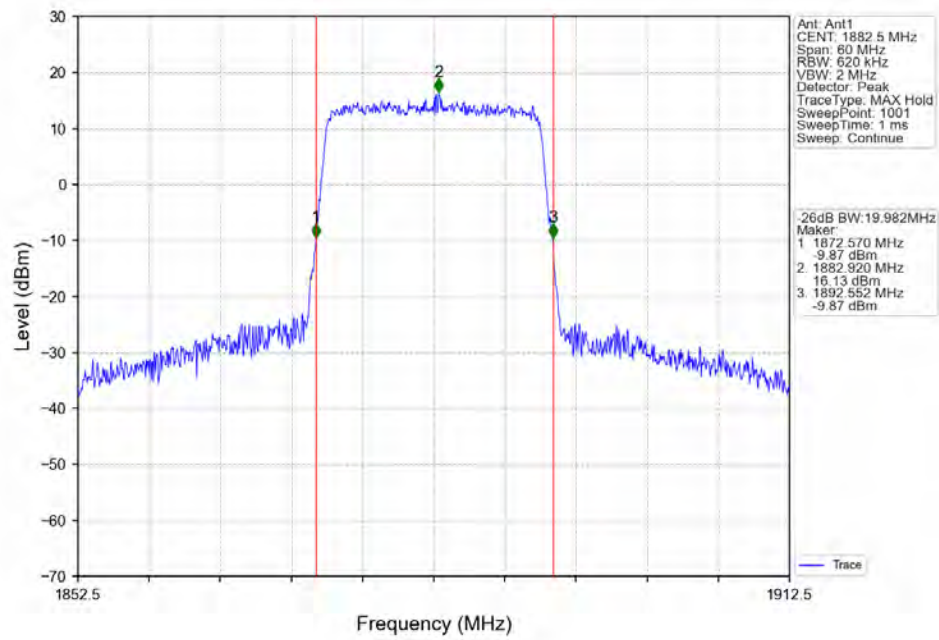
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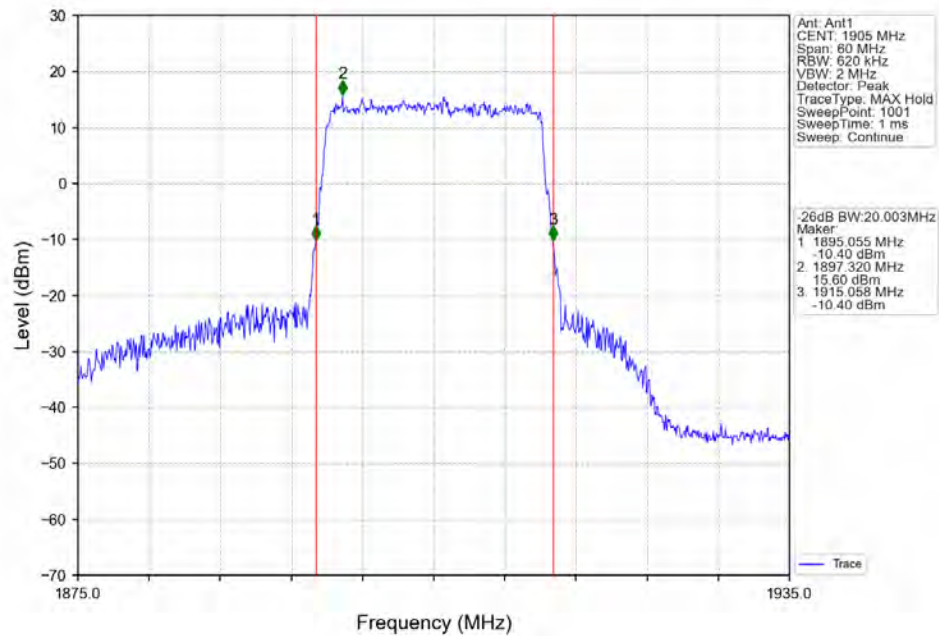
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



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



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



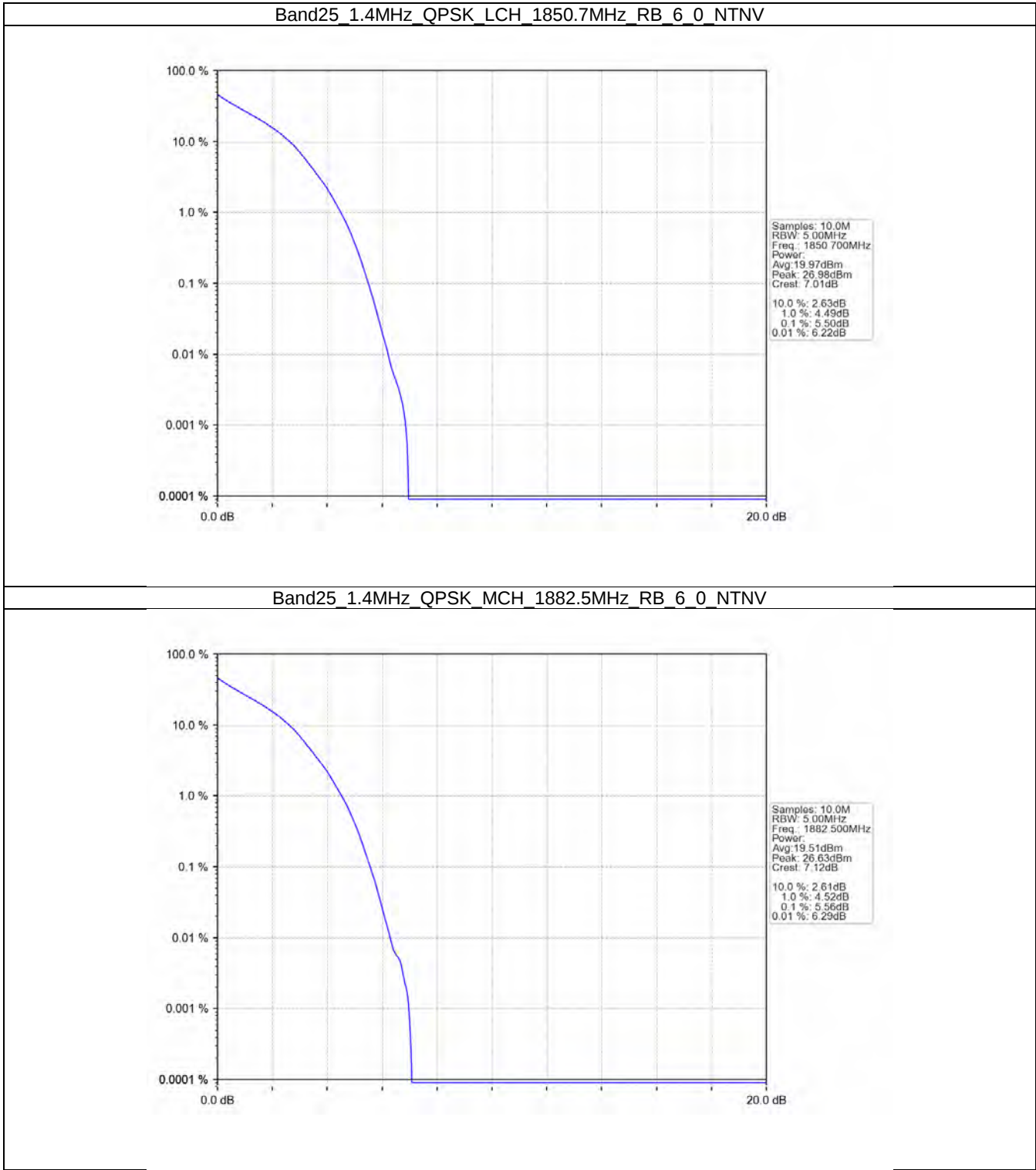
## 5. Peak-Average Ratio

### 5.1 B25\_1.4MHz

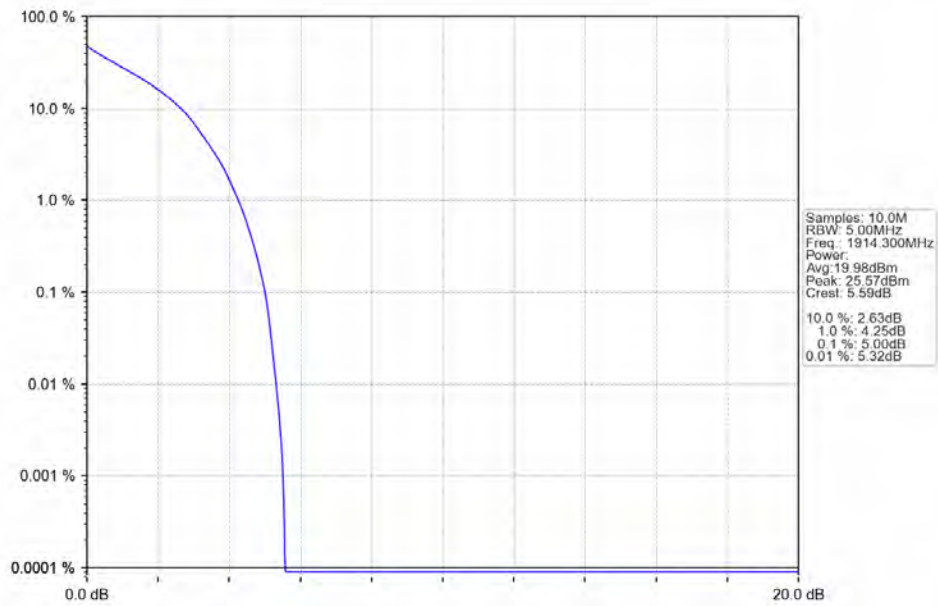
#### 5.1.1 Test Result

| Band: 25 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 1850.7          | 6             | 0      | 5.50                    | <=13  | Pass    |
|                                     | 1882.5          | 6             | 0      | 5.56                    | <=13  | Pass    |
|                                     | 1914.3          | 6             | 0      | 5.00                    | <=13  | Pass    |
| 16QAM                               | 1850.7          | 6             | 0      | 6.26                    | <=13  | Pass    |
|                                     | 1882.5          | 6             | 0      | 6.30                    | <=13  | Pass    |
|                                     | 1914.3          | 6             | 0      | 5.85                    | <=13  | Pass    |

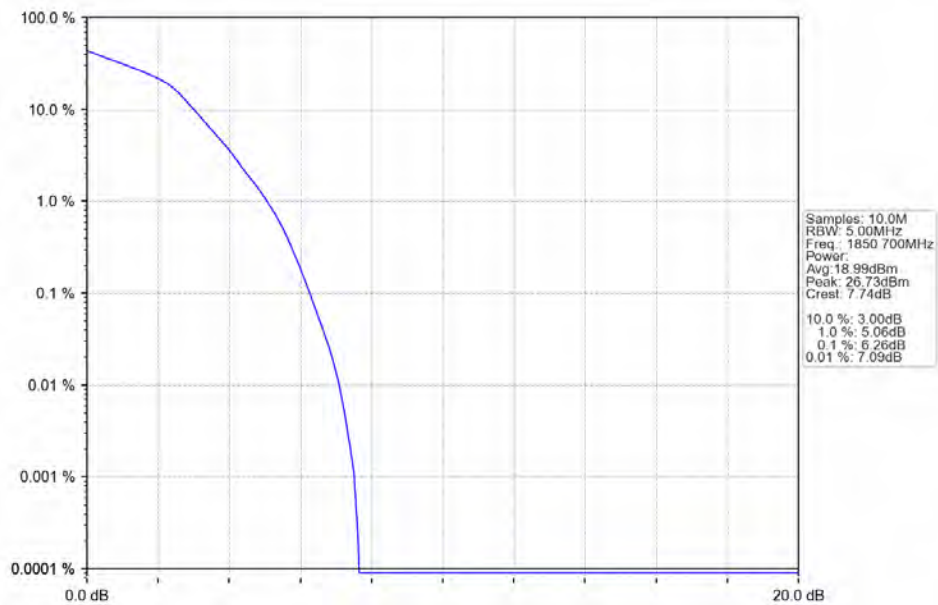
5.1.2 Test Graph



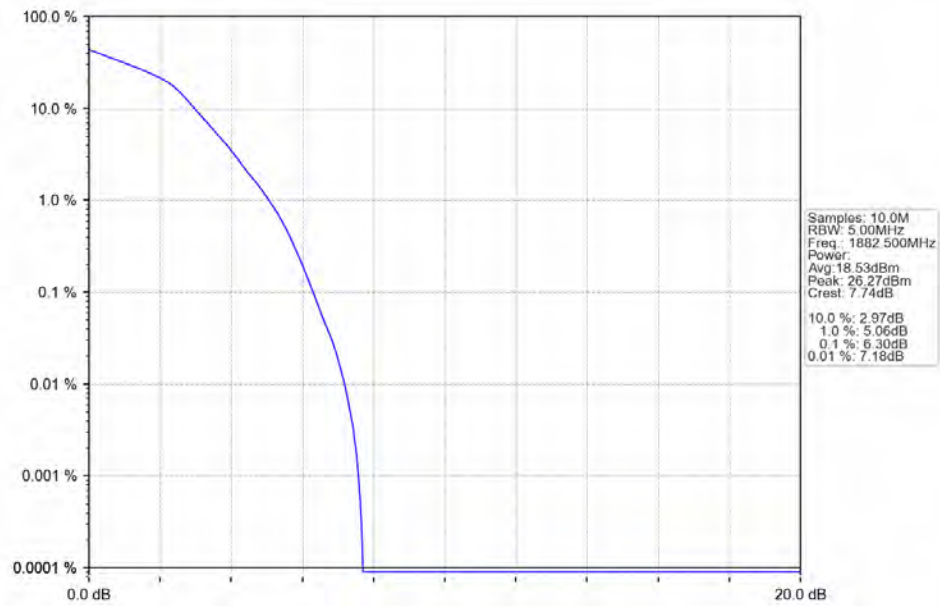
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6.0 NTNV



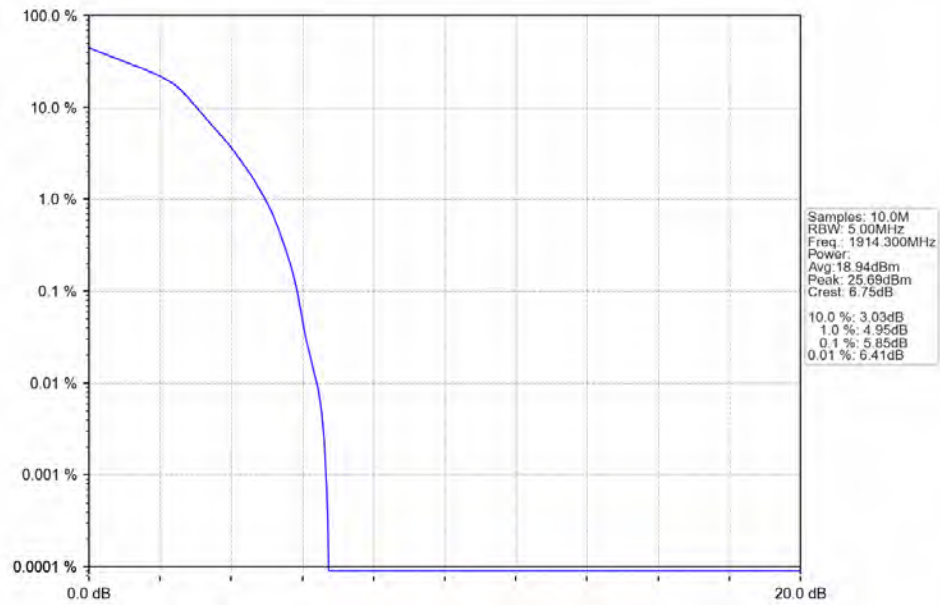
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6.0 NTNV



Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTN



Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTN

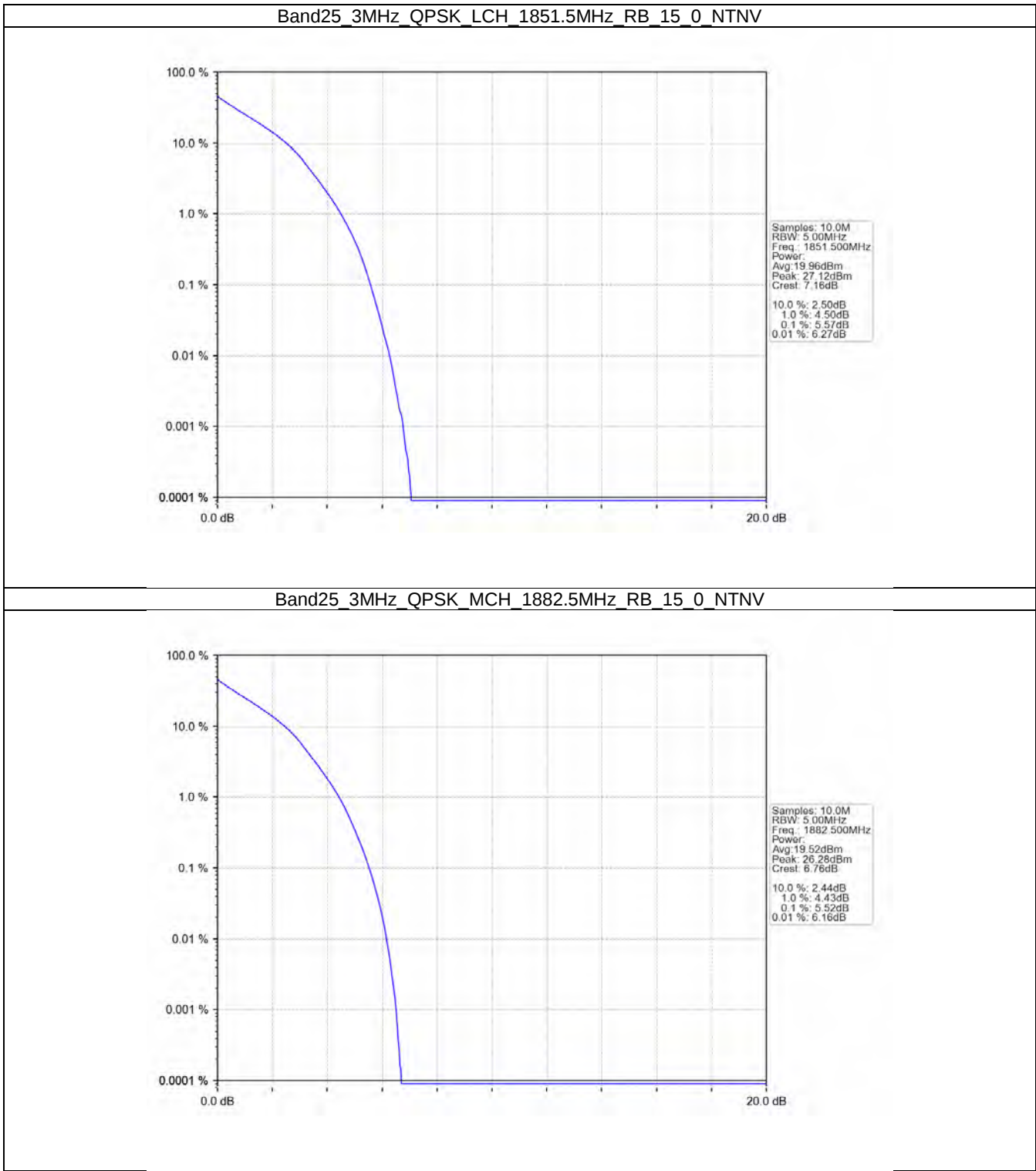


## 5.2 B25\_3MHz

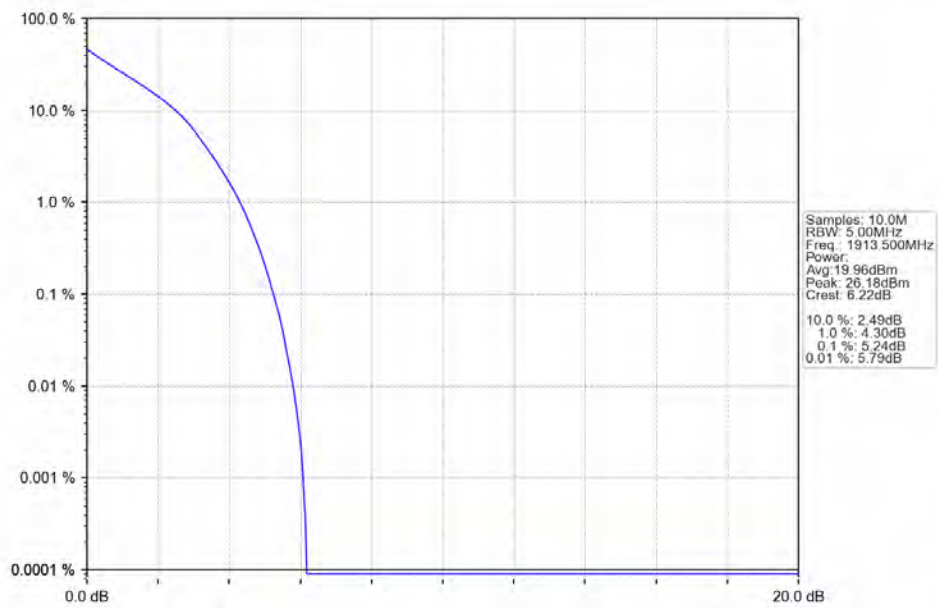
### 5.2.1 Test Result

| Band: 25 / Bandwidth: 3MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1851.5          | 15            | 0      | 5.57                    | <=13  | Pass    |
|                                   | 1882.5          | 15            | 0      | 5.52                    | <=13  | Pass    |
|                                   | 1913.5          | 15            | 0      | 5.24                    | <=13  | Pass    |
| 16QAM                             | 1851.5          | 15            | 0      | 6.34                    | <=13  | Pass    |
|                                   | 1882.5          | 15            | 0      | 6.38                    | <=13  | Pass    |
|                                   | 1913.5          | 15            | 0      | 6.06                    | <=13  | Pass    |

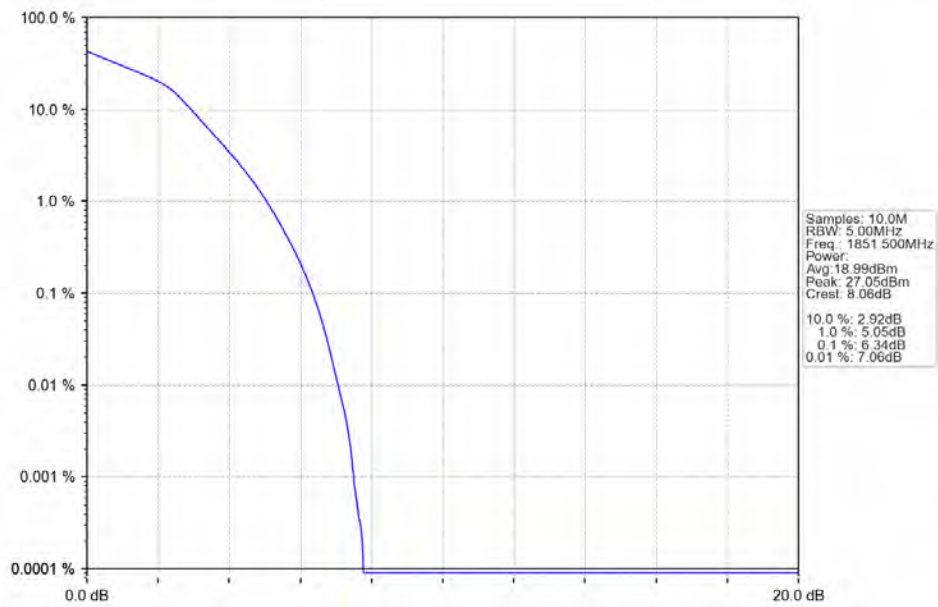
5.2.2 Test Graph



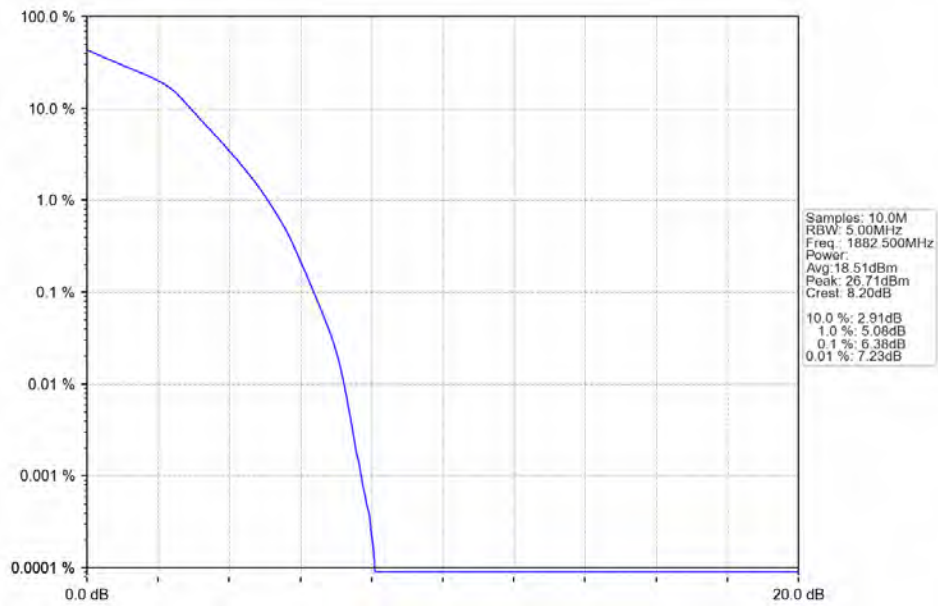
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



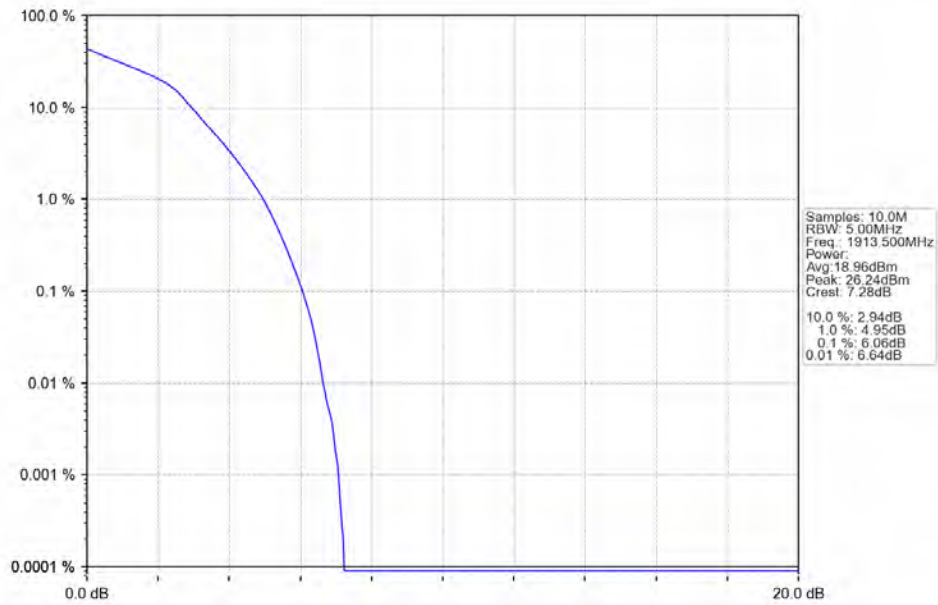
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTNV



Band25 3MHz 16QAM HCH 1913.5MHz RB 15 0 NTNV

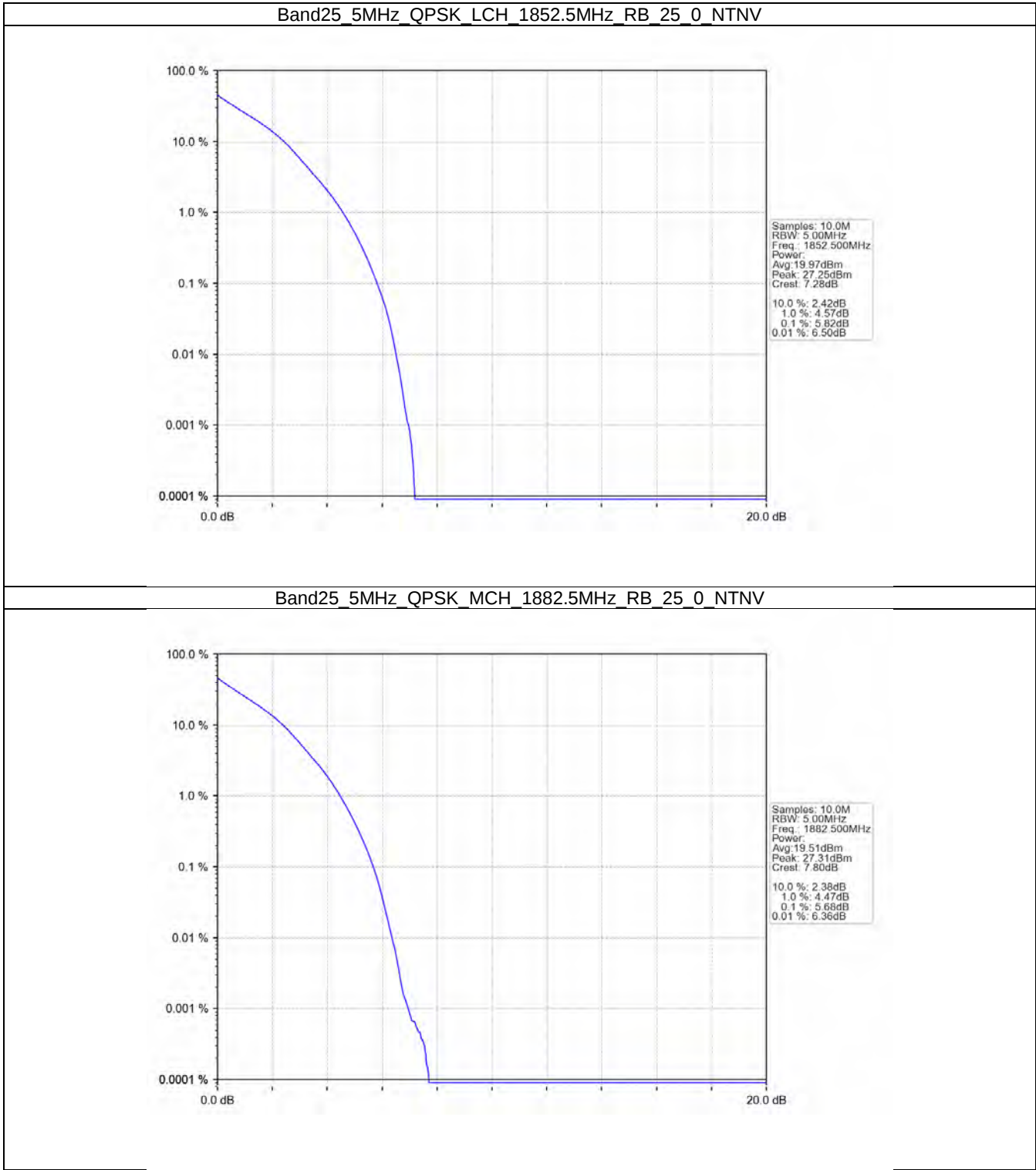


## 5.3 B25\_5MHz

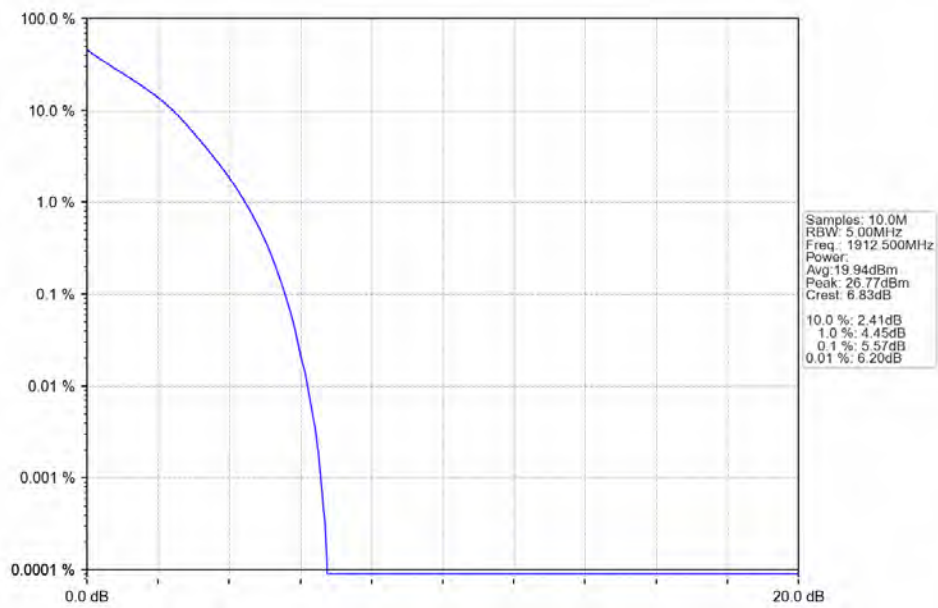
### 5.3.1 Test Result

| Band: 25 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1852.5          | 25            | 0      | 5.82                    | <=13  | Pass    |
|                                   | 1882.5          | 25            | 0      | 5.68                    | <=13  | Pass    |
|                                   | 1912.5          | 25            | 0      | 5.57                    | <=13  | Pass    |
| 16QAM                             | 1852.5          | 25            | 0      | 6.54                    | <=13  | Pass    |
|                                   | 1882.5          | 25            | 0      | 6.36                    | <=13  | Pass    |
|                                   | 1912.5          | 25            | 0      | 6.25                    | <=13  | Pass    |

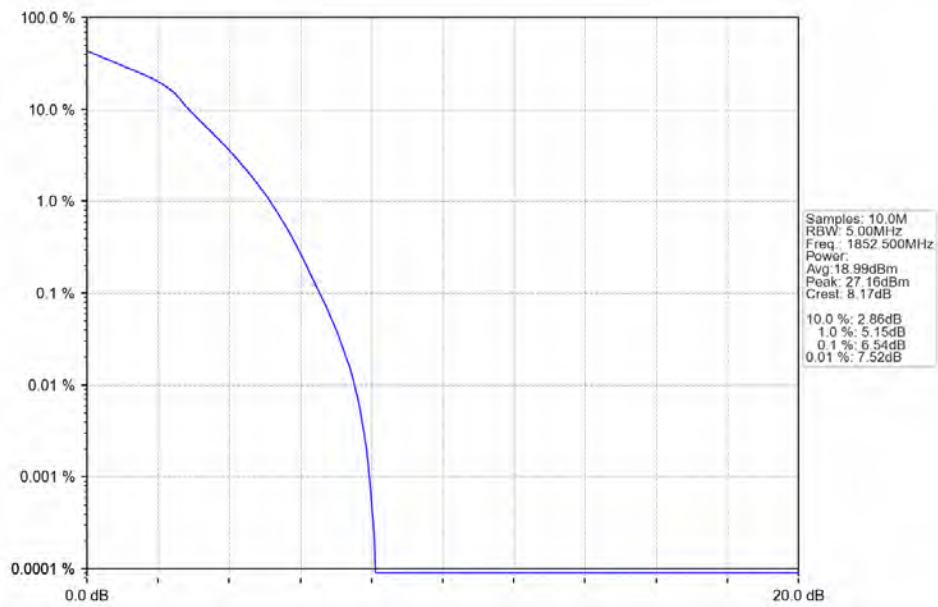
5.3.2 Test Graph



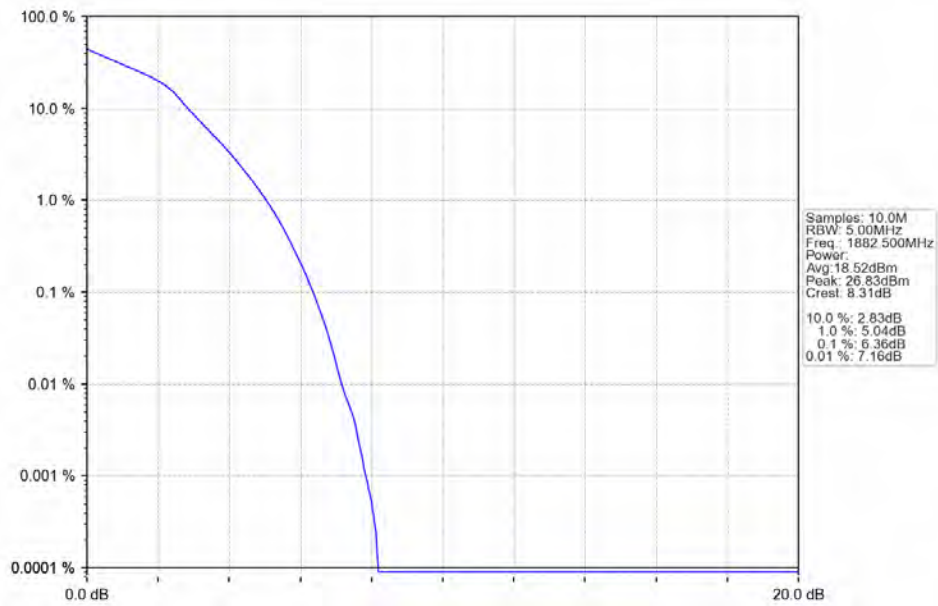
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



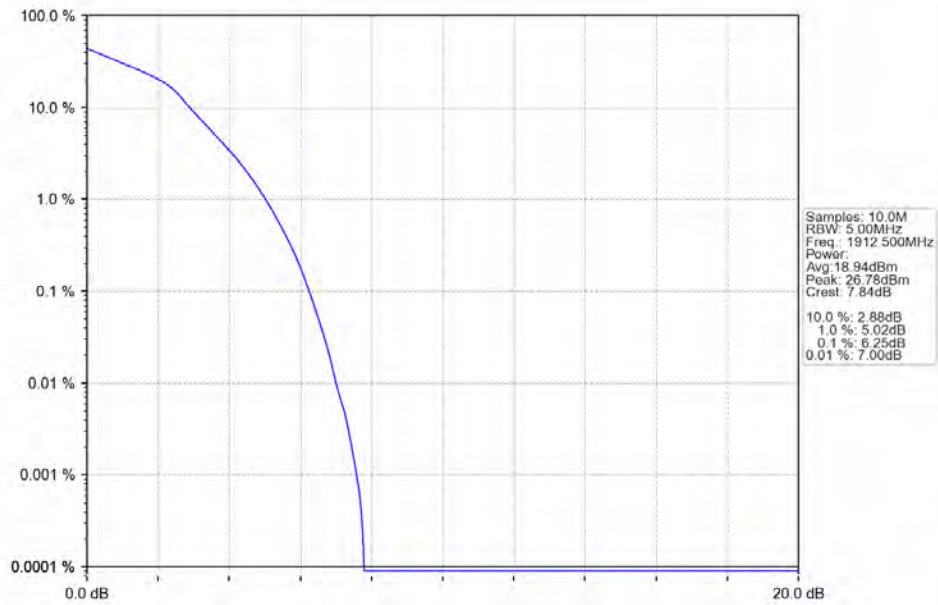
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTNV



Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTNV

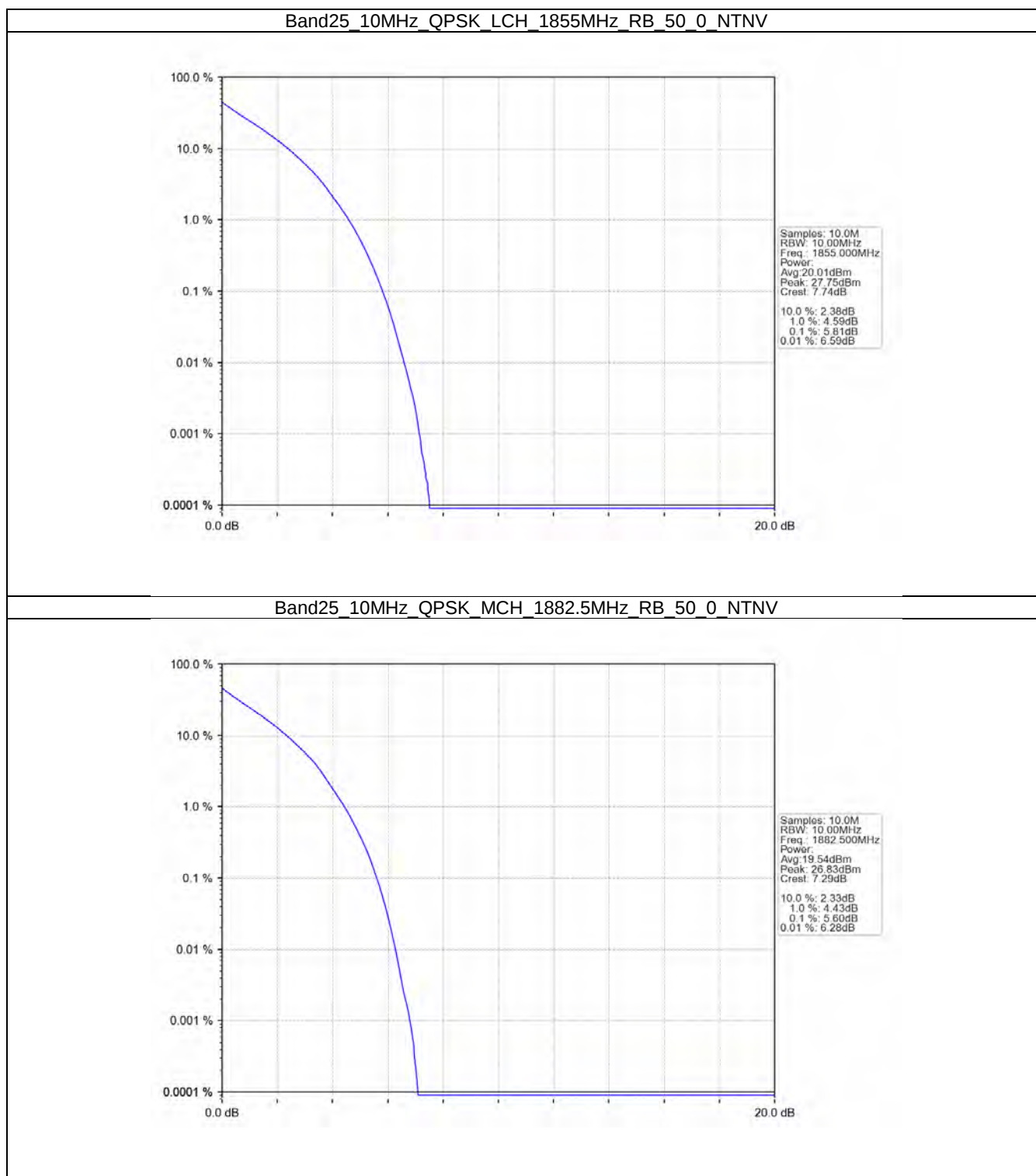


## 5.4 B25\_10MHz

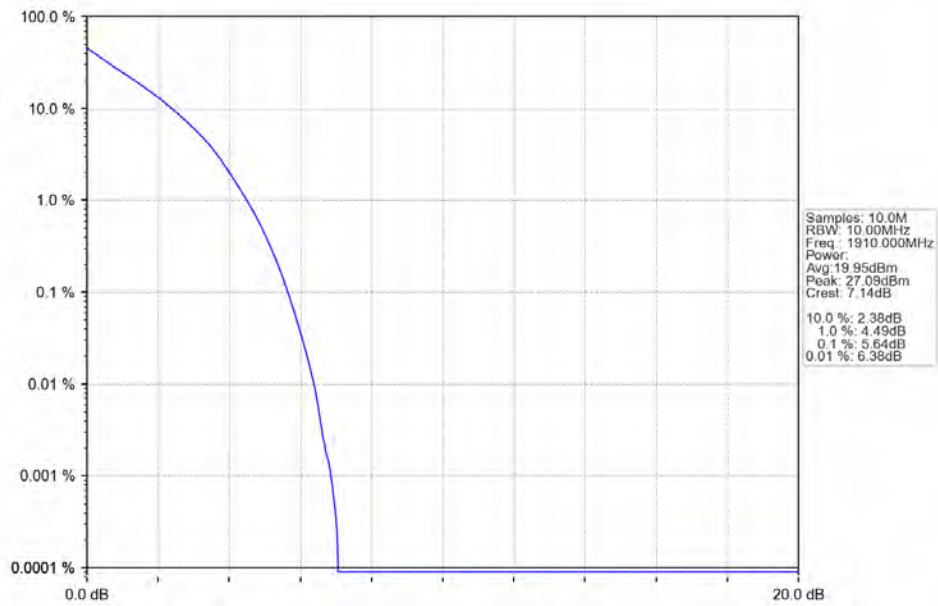
### 5.4.1 Test Result

| Band: 25 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1855            | 50            | 0      | 5.81                    | <=13  | Pass    |
|                                    | 1882.5          | 50            | 0      | 5.60                    | <=13  | Pass    |
|                                    | 1910            | 50            | 0      | 5.64                    | <=13  | Pass    |
| 16QAM                              | 1855            | 50            | 0      | 6.55                    | <=13  | Pass    |
|                                    | 1882.5          | 50            | 0      | 6.37                    | <=13  | Pass    |
|                                    | 1910            | 50            | 0      | 6.36                    | <=13  | Pass    |

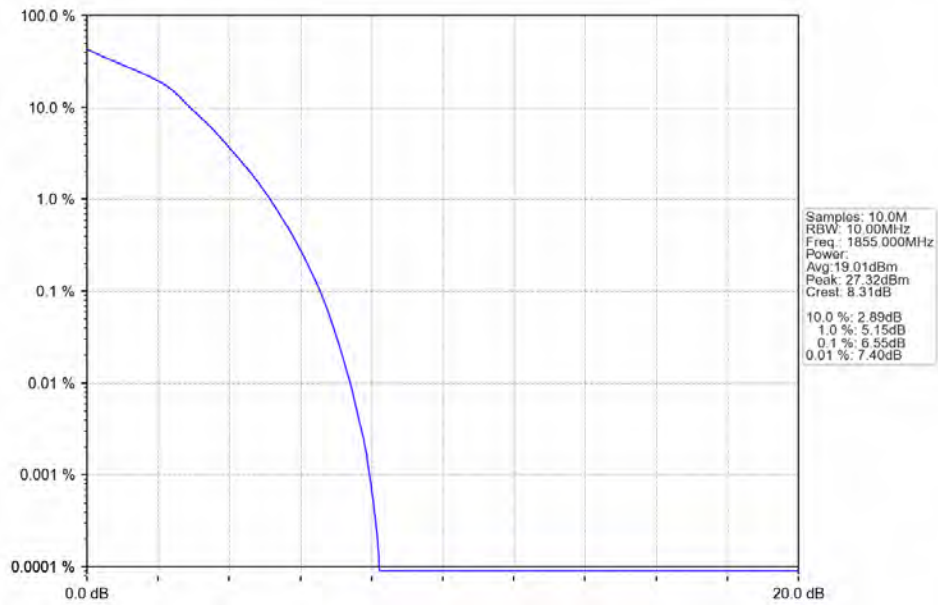
## 5.4.2 Test Graph



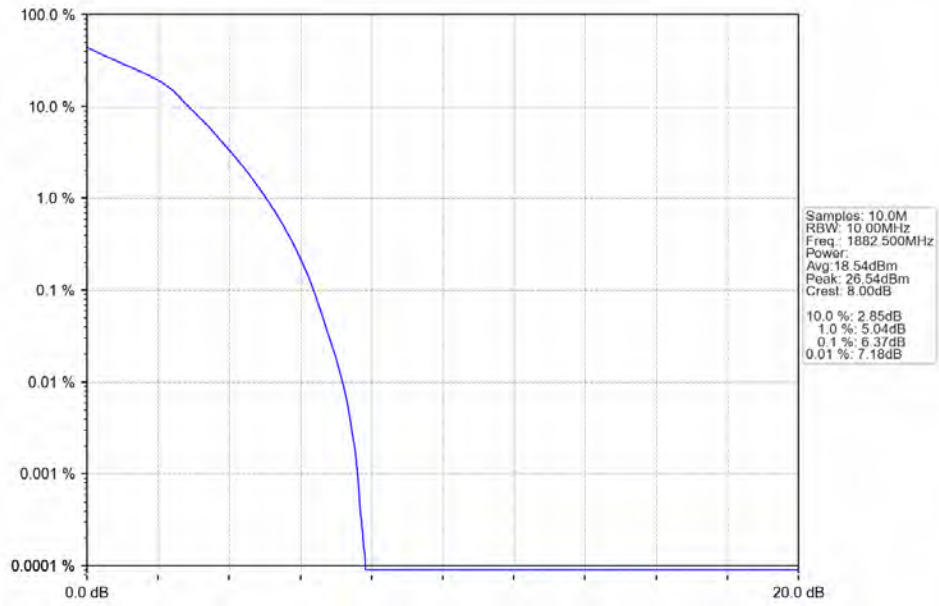
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_50\_0\_NTNV



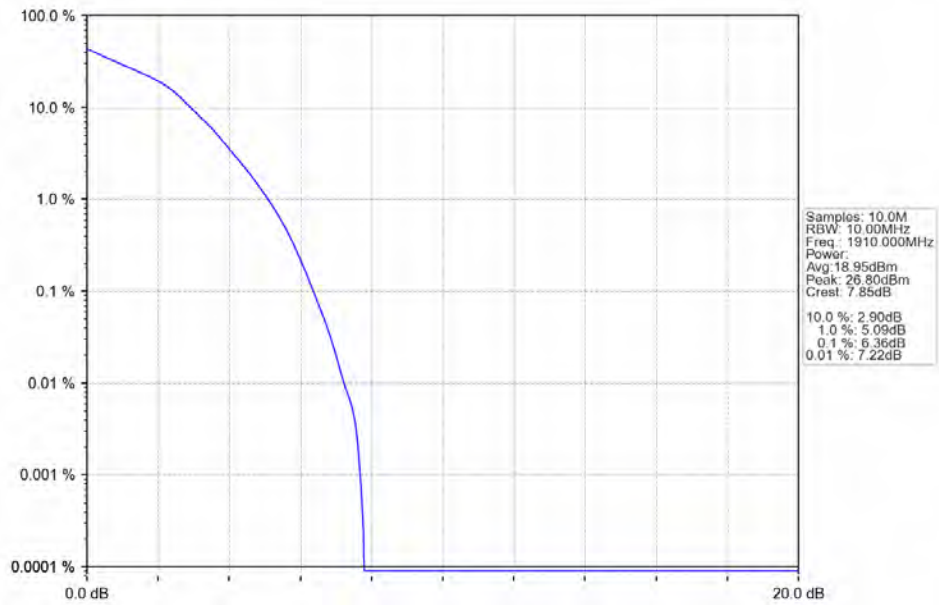
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTNV



Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTNV

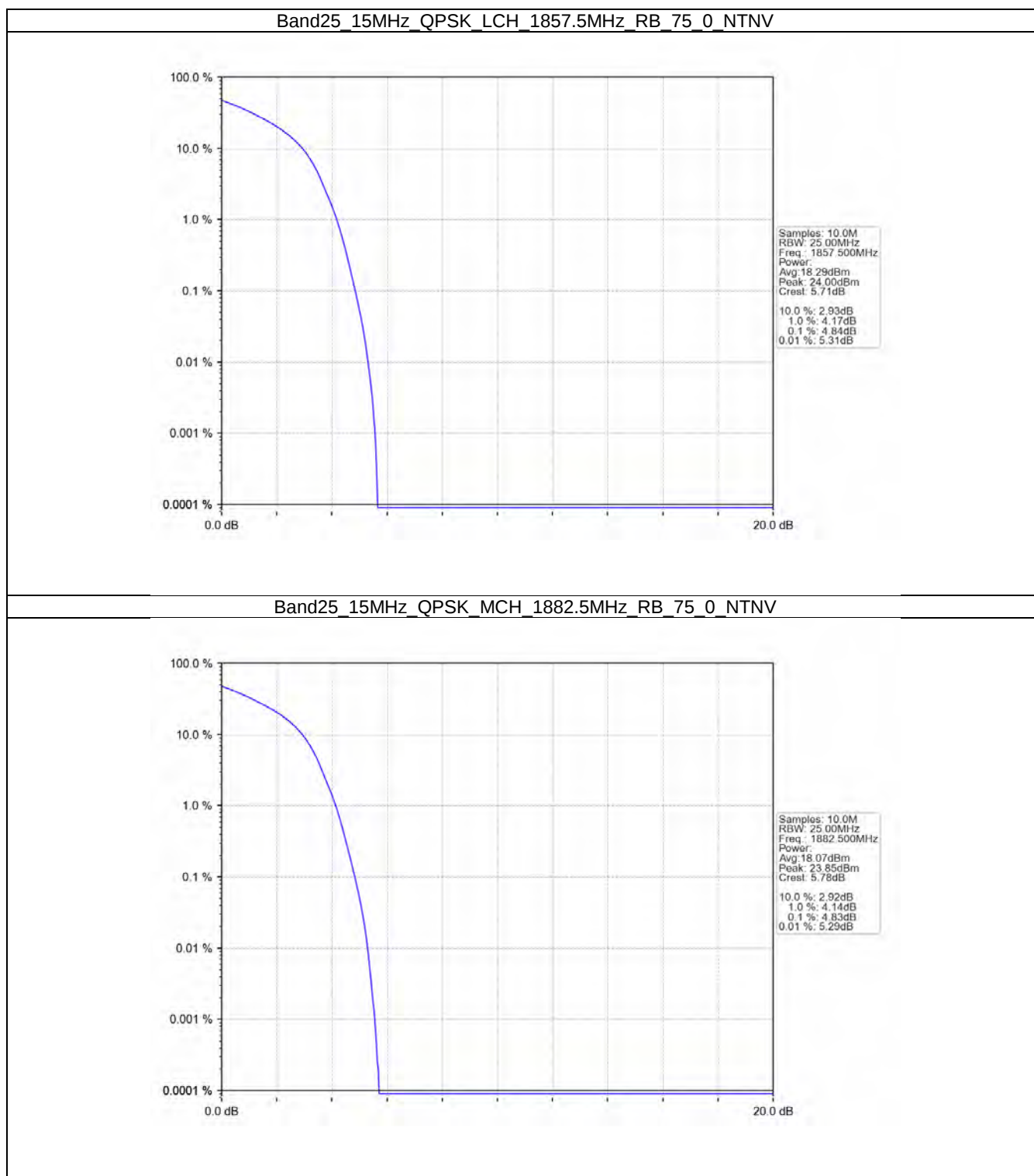


## 5.5 B25\_15MHz

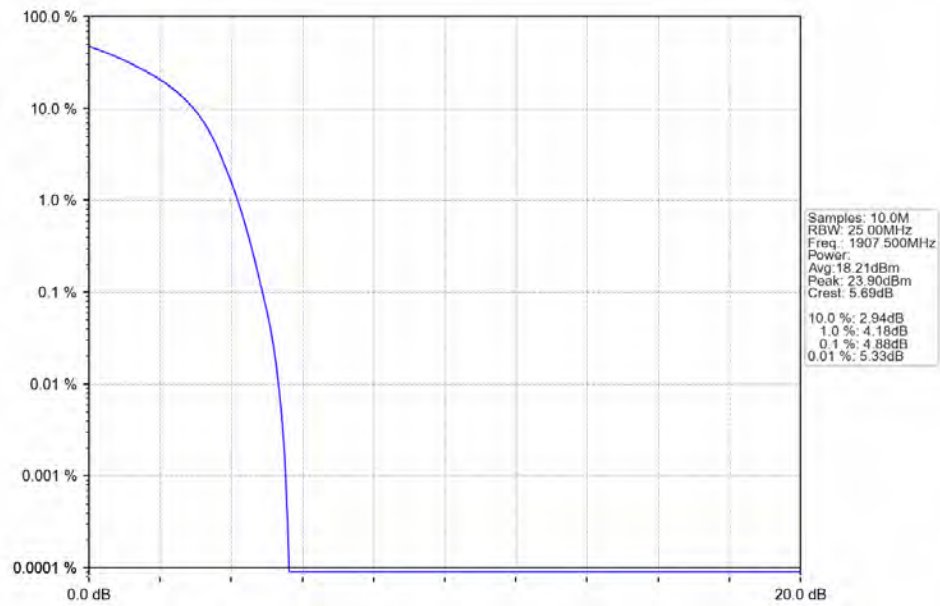
### 5.5.1 Test Result

| Band: 25 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1857.5          | 75            | 0      | 4.84                    | <=13  | Pass    |
|                                    | 1882.5          | 75            | 0      | 4.83                    | <=13  | Pass    |
|                                    | 1907.5          | 75            | 0      | 4.88                    | <=13  | Pass    |
| 16QAM                              | 1857.5          | 75            | 0      | 6.29                    | <=13  | Pass    |
|                                    | 1882.5          | 75            | 0      | 6.13                    | <=13  | Pass    |
|                                    | 1907.5          | 75            | 0      | 6.20                    | <=13  | Pass    |

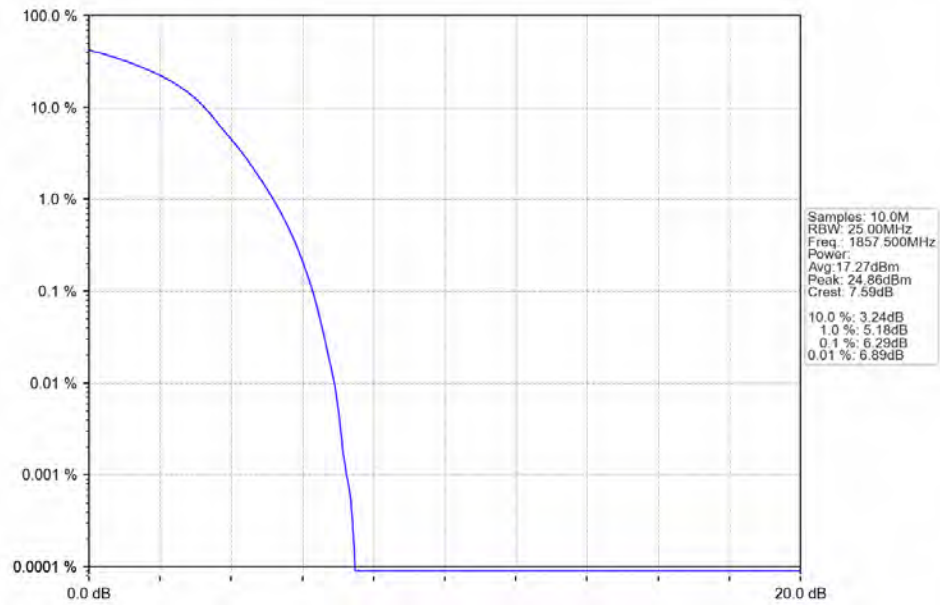
## 5.5.2 Test Graph



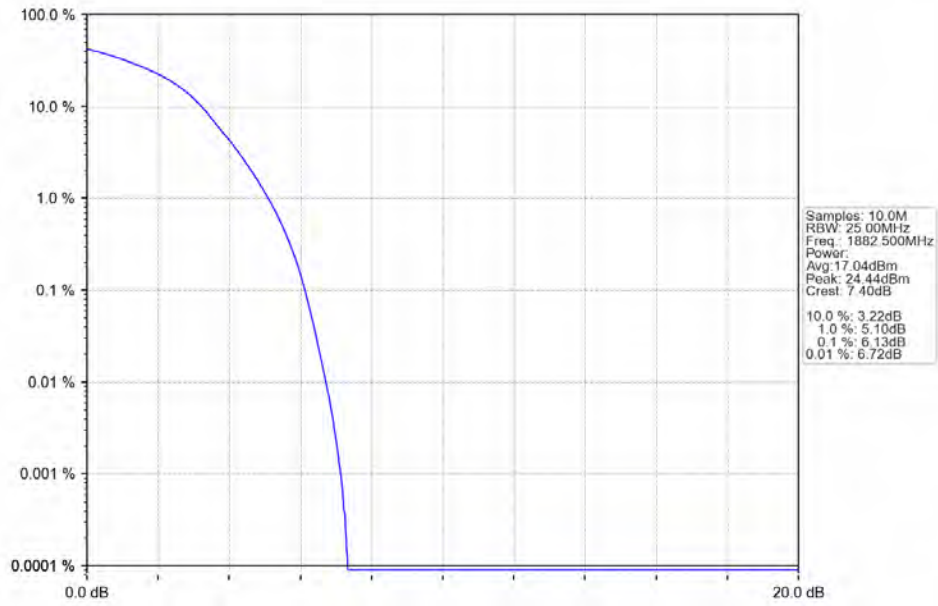
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV



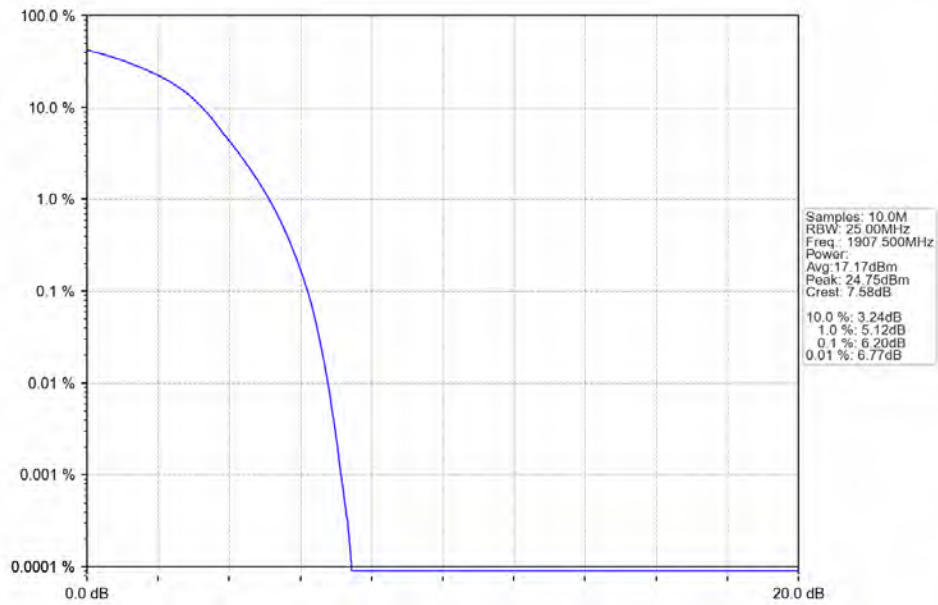
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



Band25 15MHz 16QAM MCH 1882.5MHz RB 75 0 NTNV



Band25 15MHz 16QAM HCH 1907.5MHz RB 75 0 NTNV

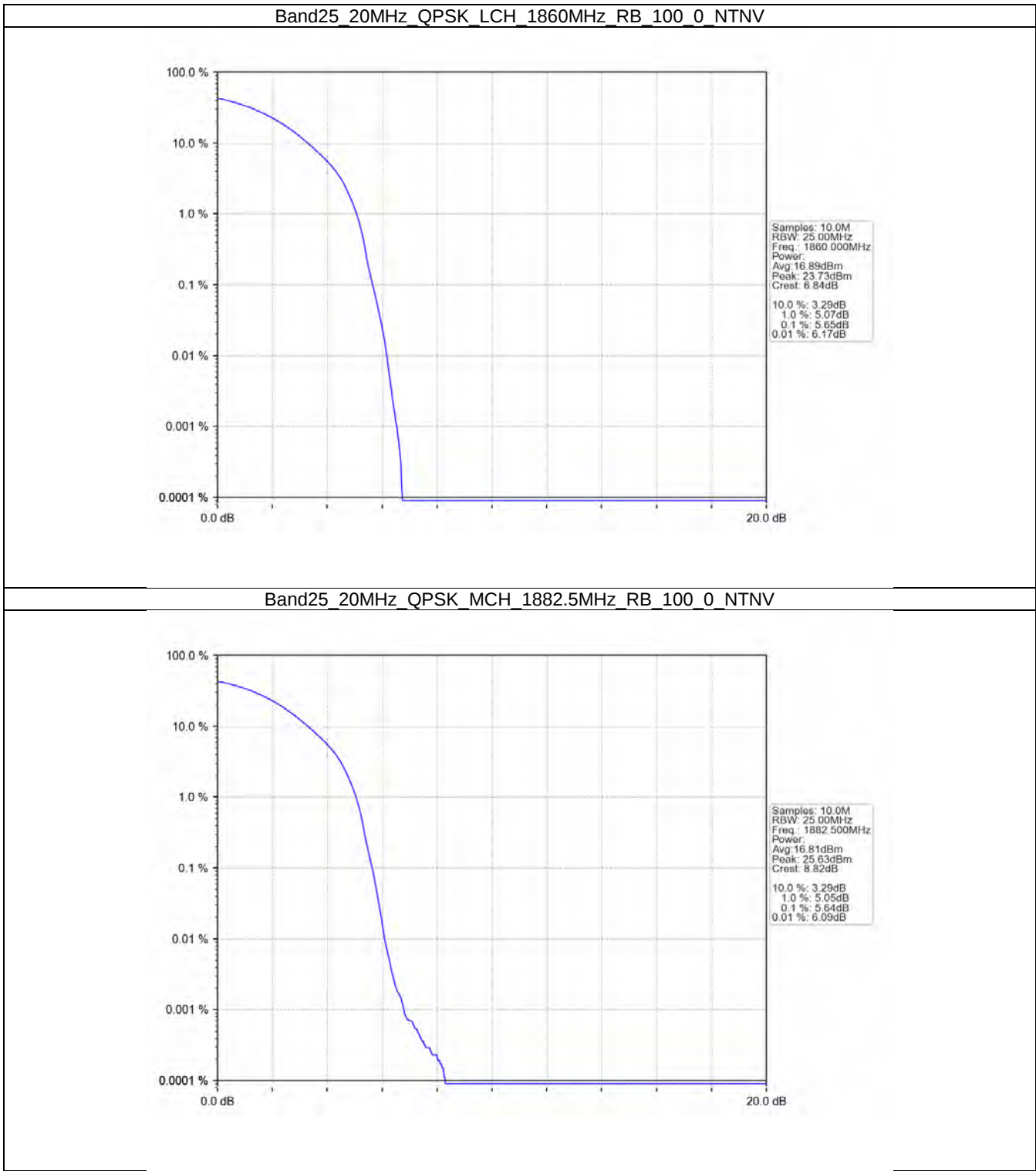


## 5.6 B25\_20MHz

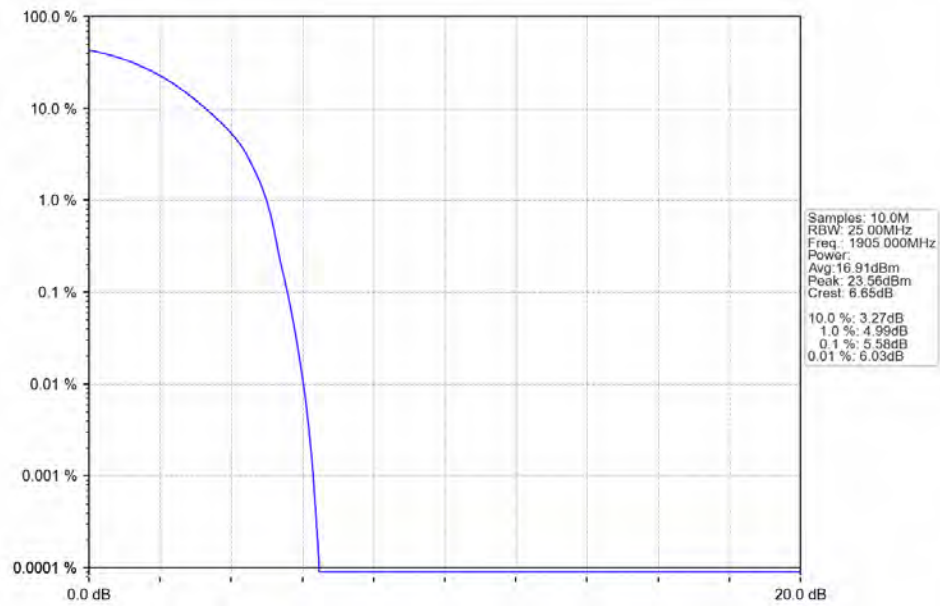
### 5.6.1 Test Result

| 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      | 5.64                    | <=13  | Pass    |
|                                    | 1905            | 100           | 0      | 5.58                    | <=13  | Pass    |
| 16QAM                              | 1860            | 100           | 0      | 6.75                    | <=13  | Pass    |
|                                    | 1882.5          | 100           | 0      | 6.71                    | <=13  | Pass    |
|                                    | 1905            | 100           | 0      | 6.72                    | <=13  | Pass    |

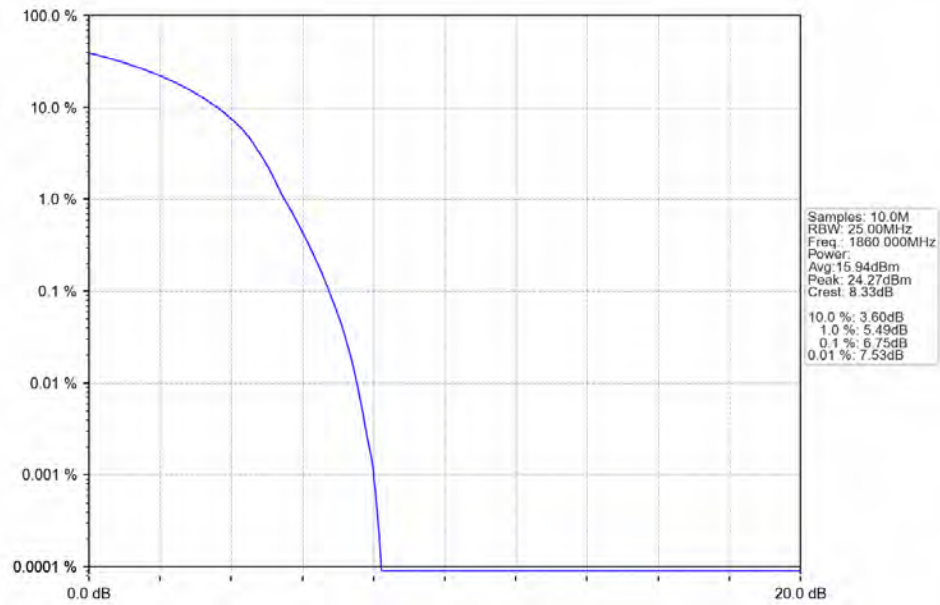
5.6.2 Test Graph



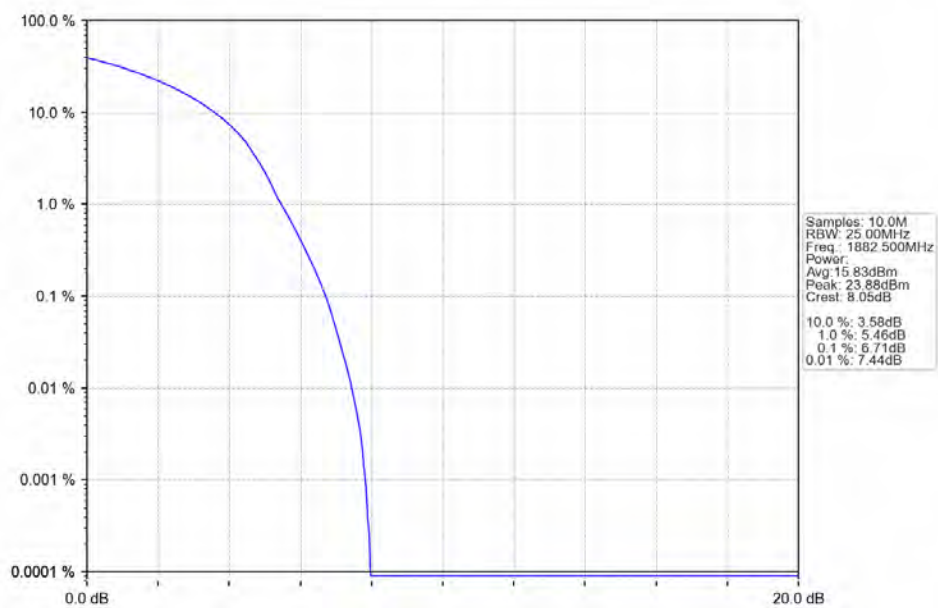
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTNV



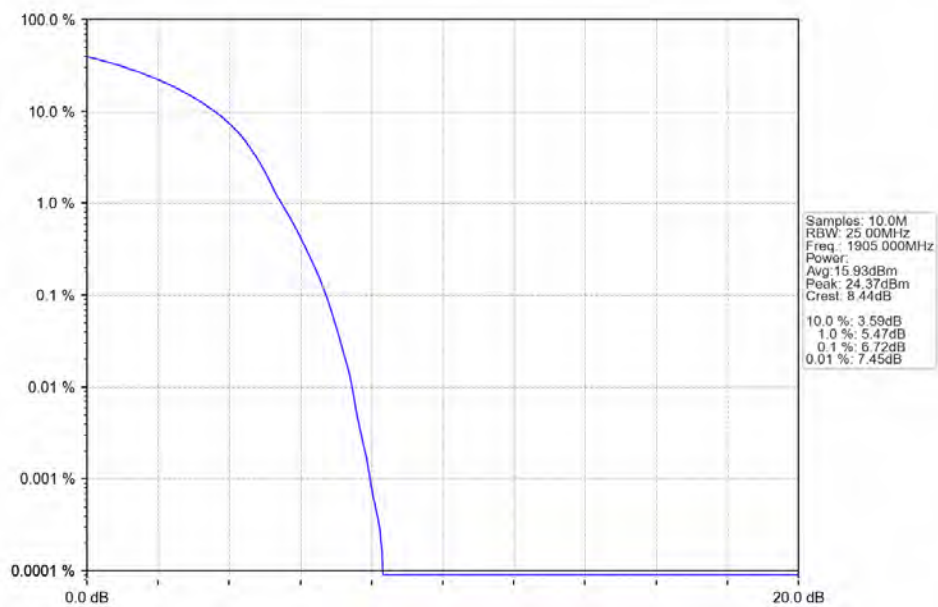
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



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



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



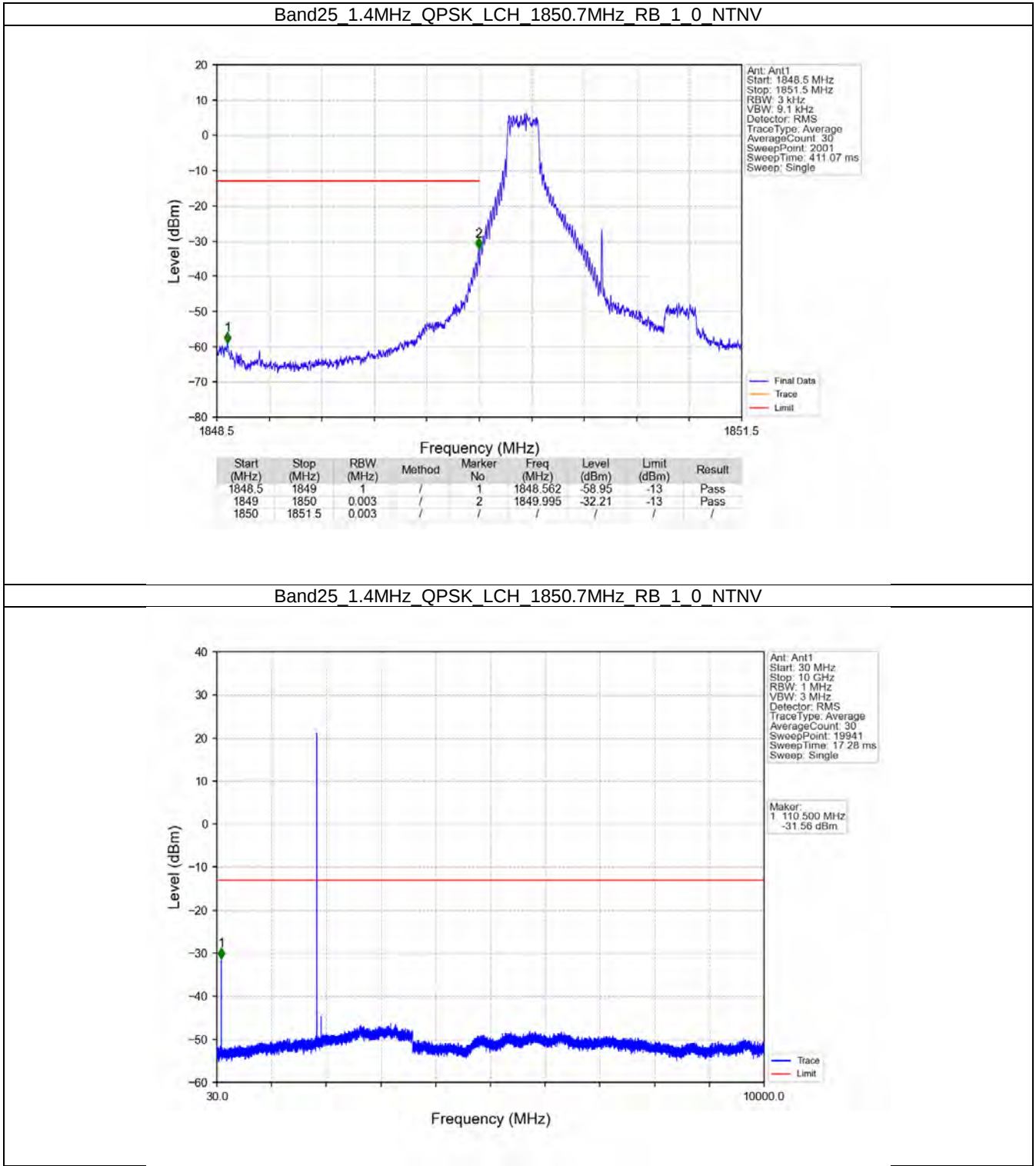
## 6. Spurious Emission

### 6.1 B25\_1.4MHz

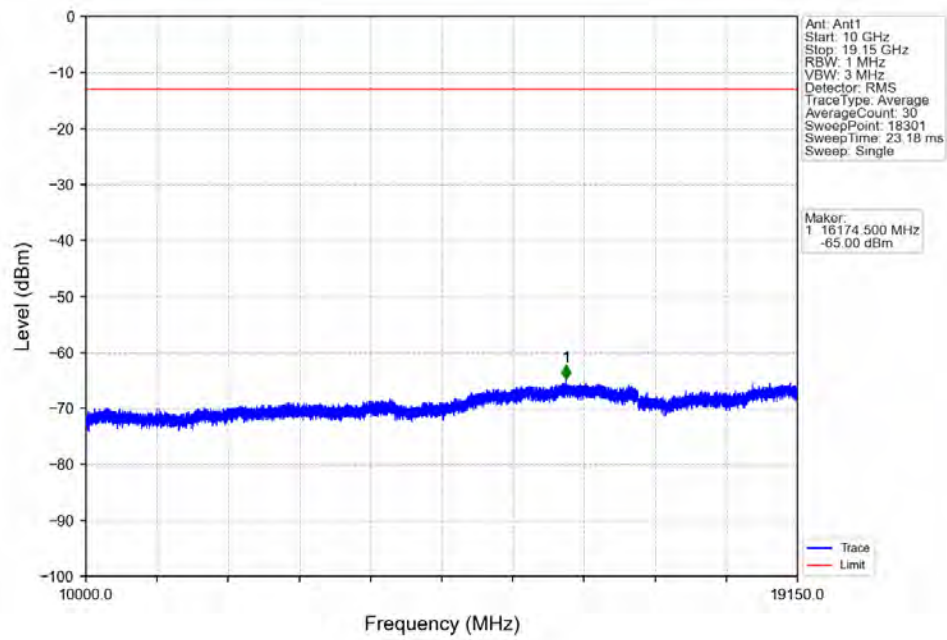
#### 6.1.1 Test Result

| Band: 25 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                     |       |
|-------------------------------------|-----------------|---------------|--------|---------------------|-------|
| 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  |
|                                     |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 |               | 5      | Refer To Test Graph | Pass  |
|                                     |                 |               | 0      | Refer To Test Graph | Pass  |
| 16QAM                               | 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  |
|                                     |                 | 1             | 0      | Refer To Test Graph | Pass  |
|                                     |                 |               | 5      | Refer To Test Graph | Pass  |
|                                     |                 |               | 0      | Refer To Test Graph | Pass  |
|                                     |                 |               | 0      | Refer To Test Graph | Pass  |
|                                     |                 |               | 0      | Refer To Test Graph | Pass  |

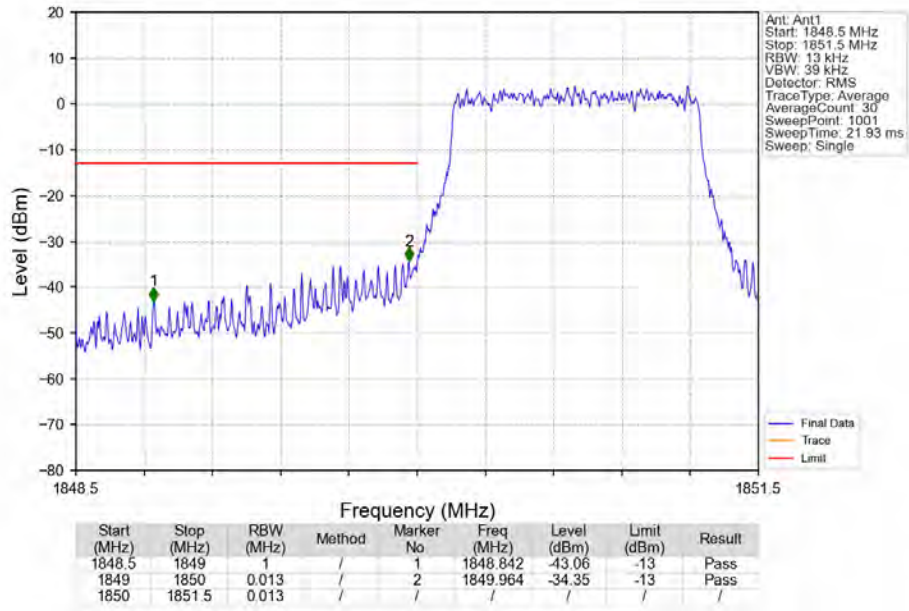
6.1.2 Test Graph



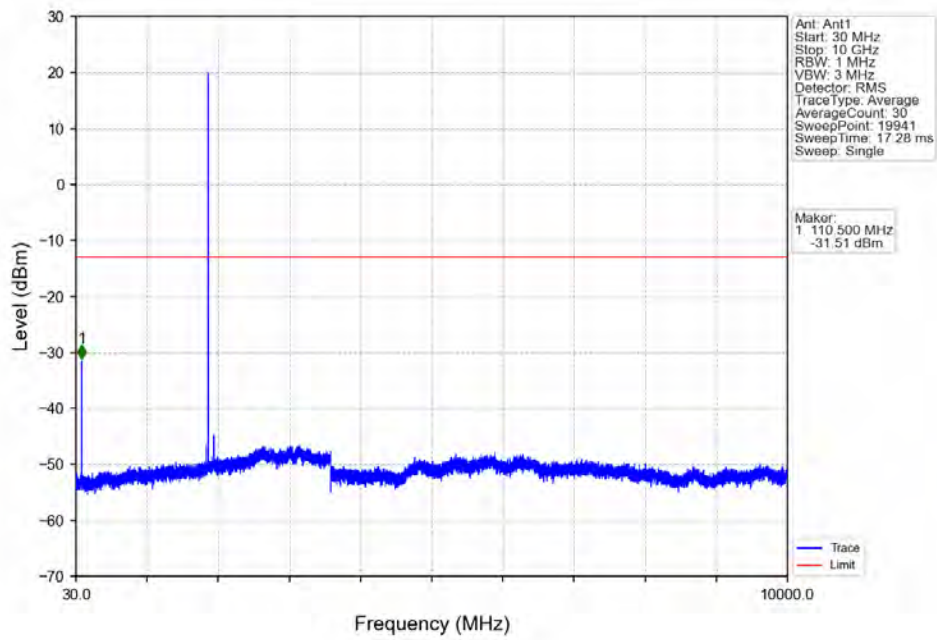
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



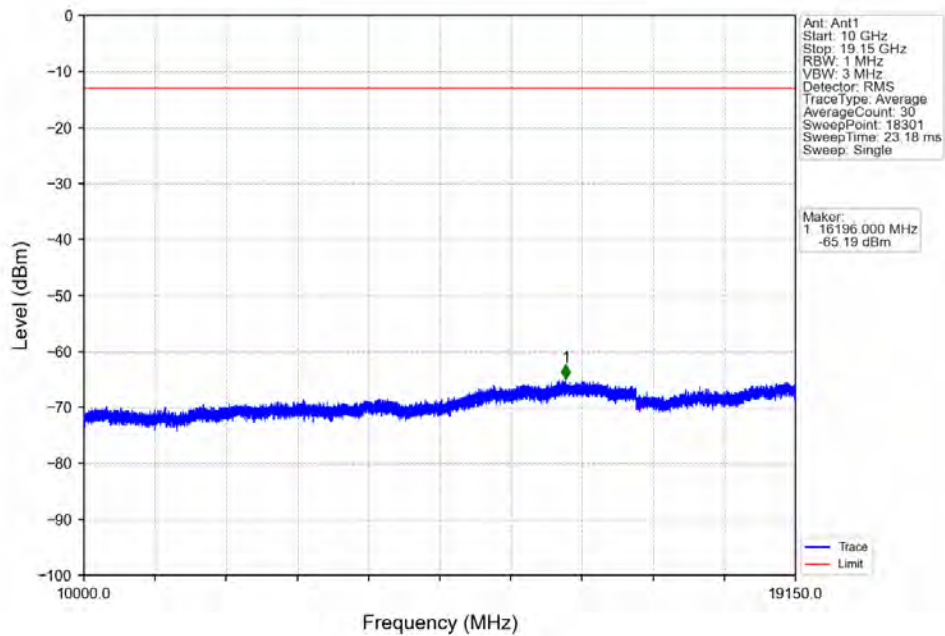
Band25 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV



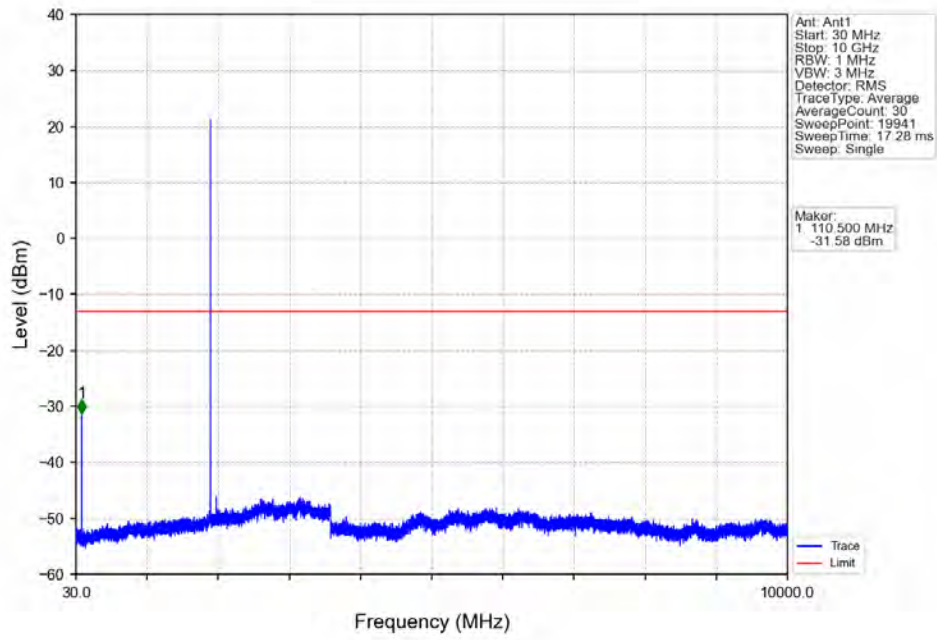
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



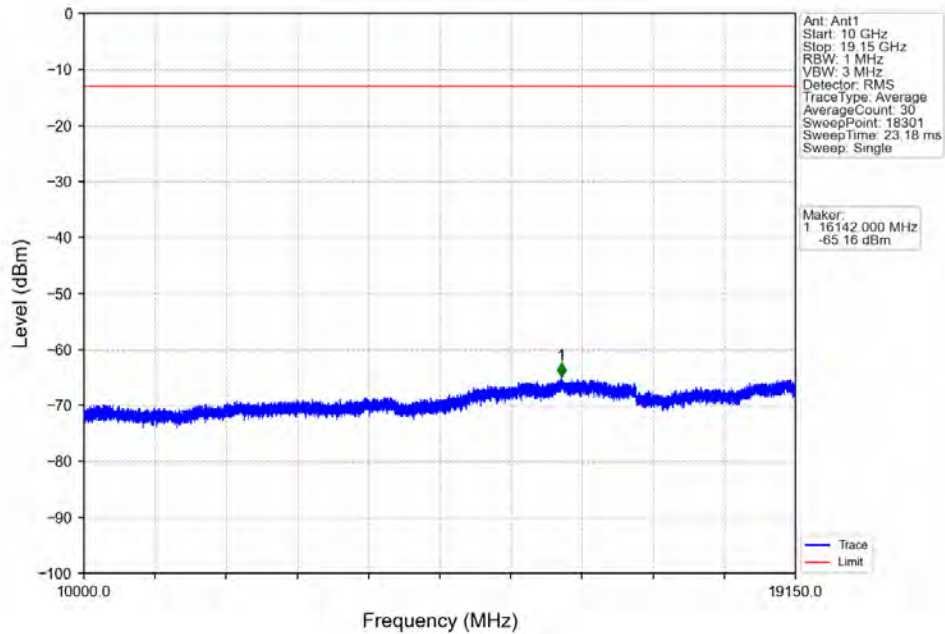
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



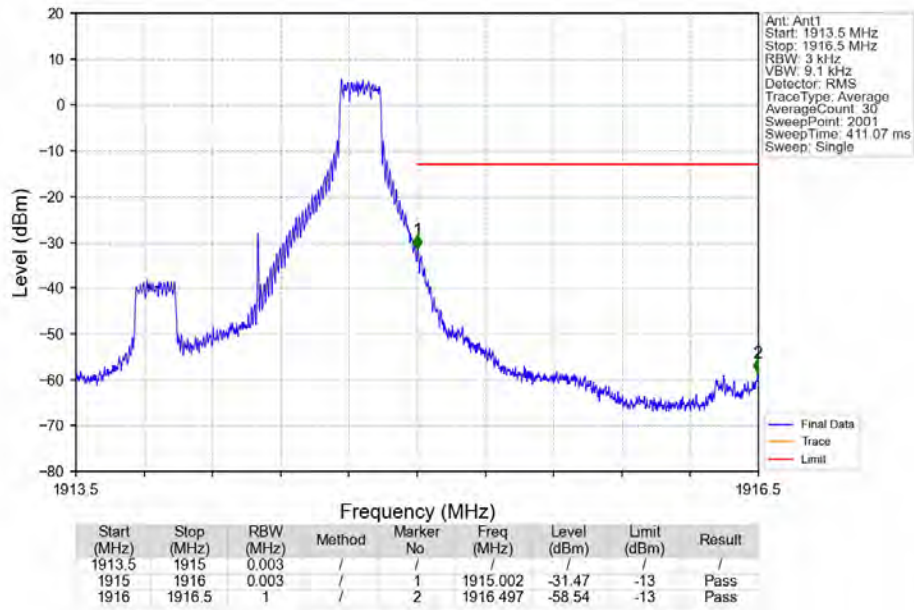
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



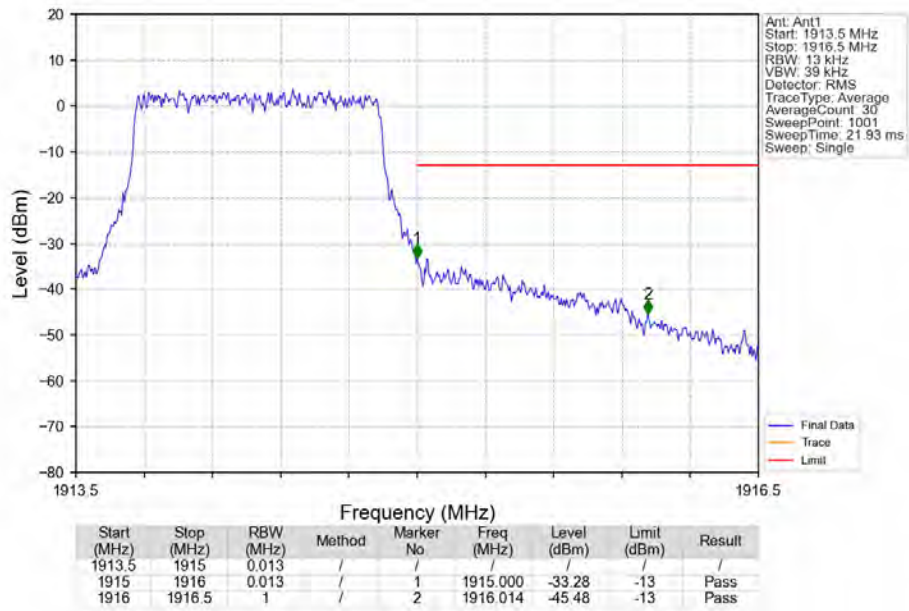
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



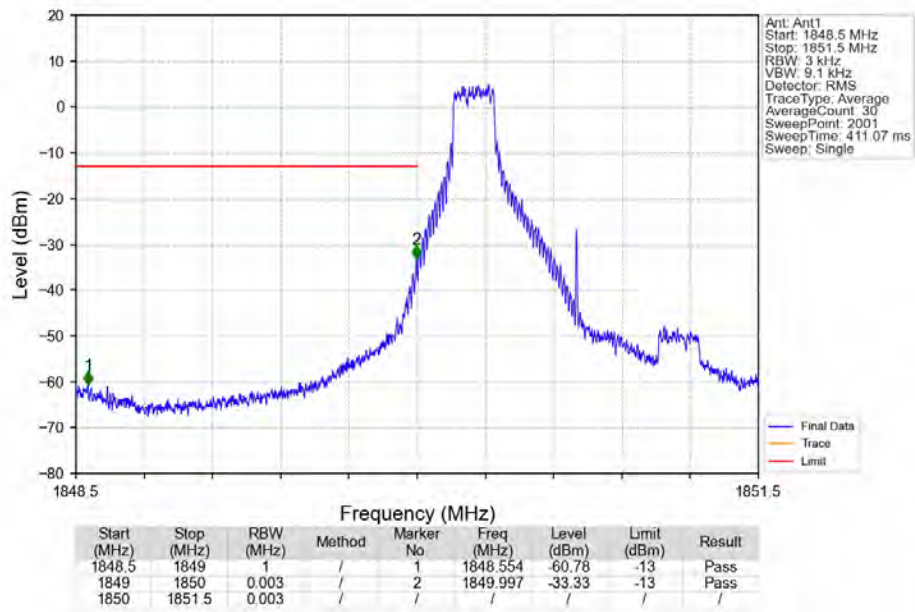
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 5 NTNV



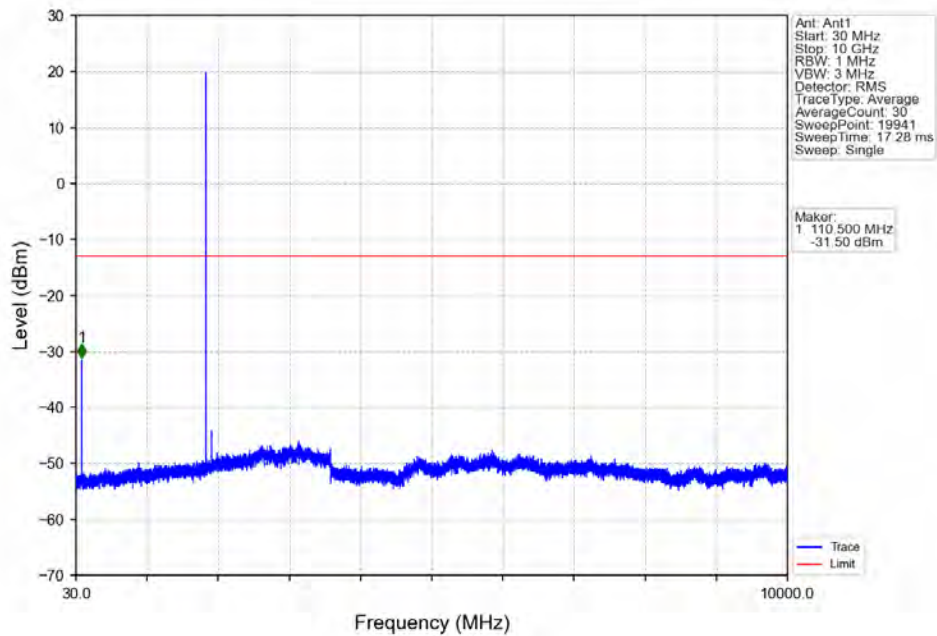
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



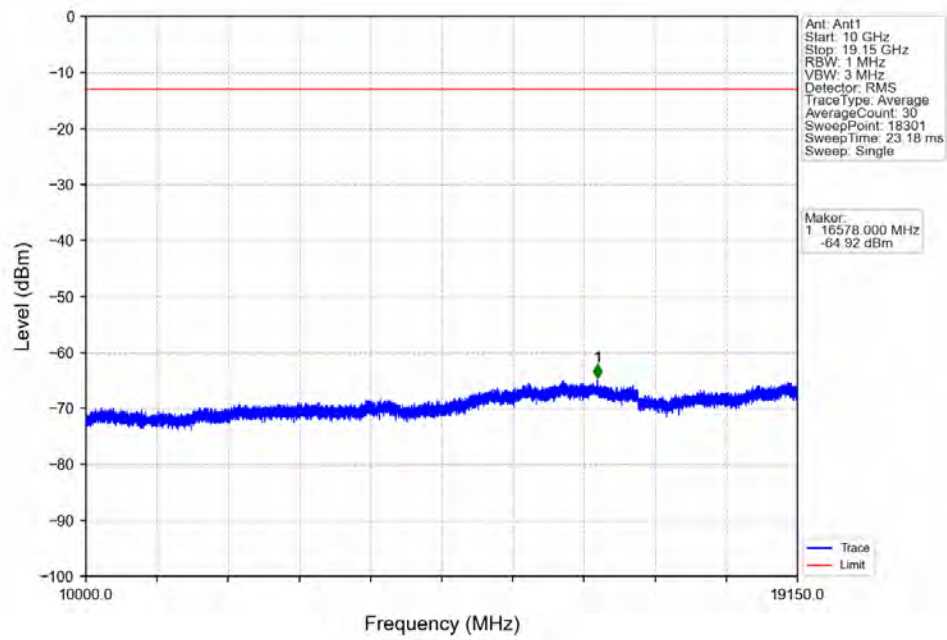
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTN



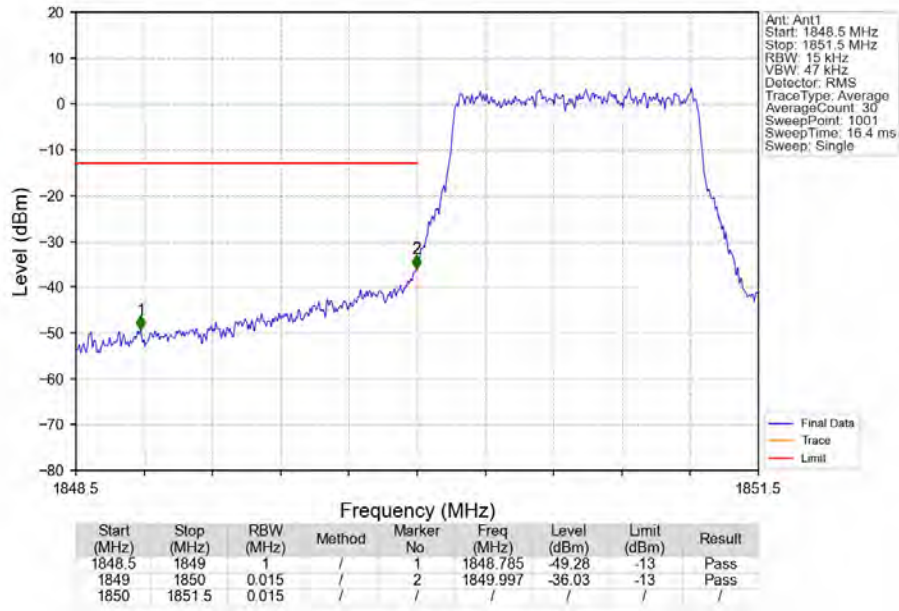
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTN



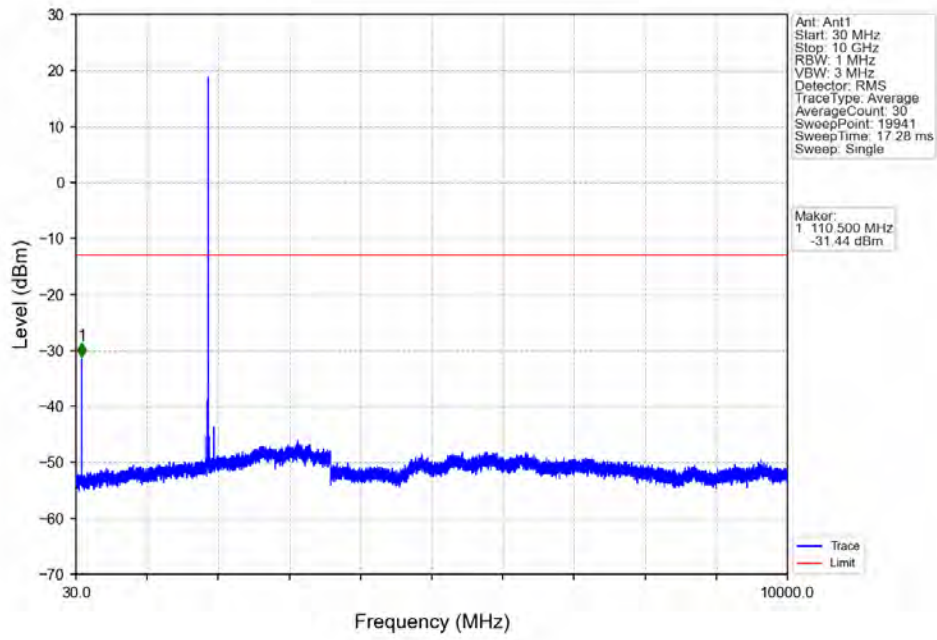
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTN



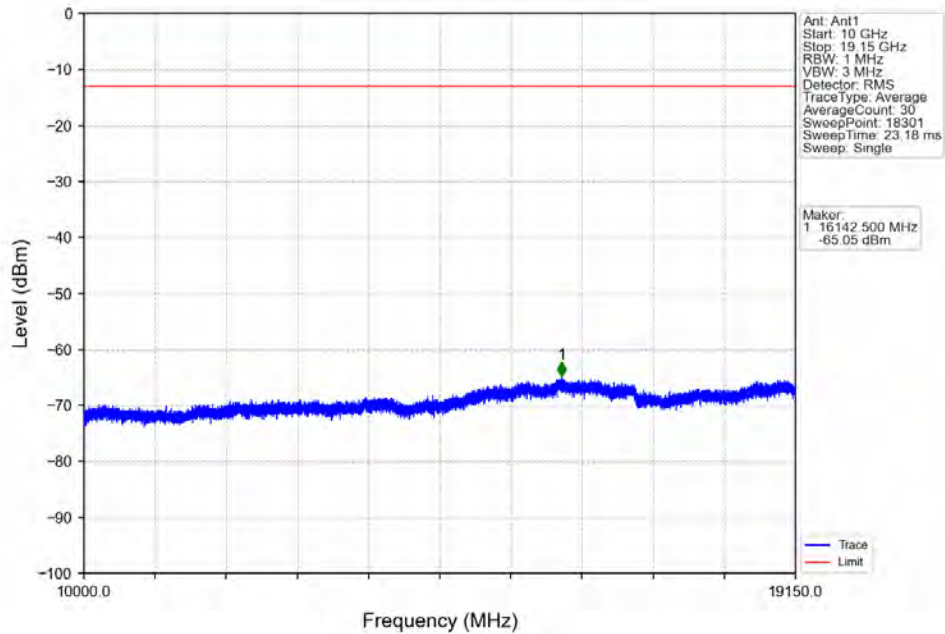
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



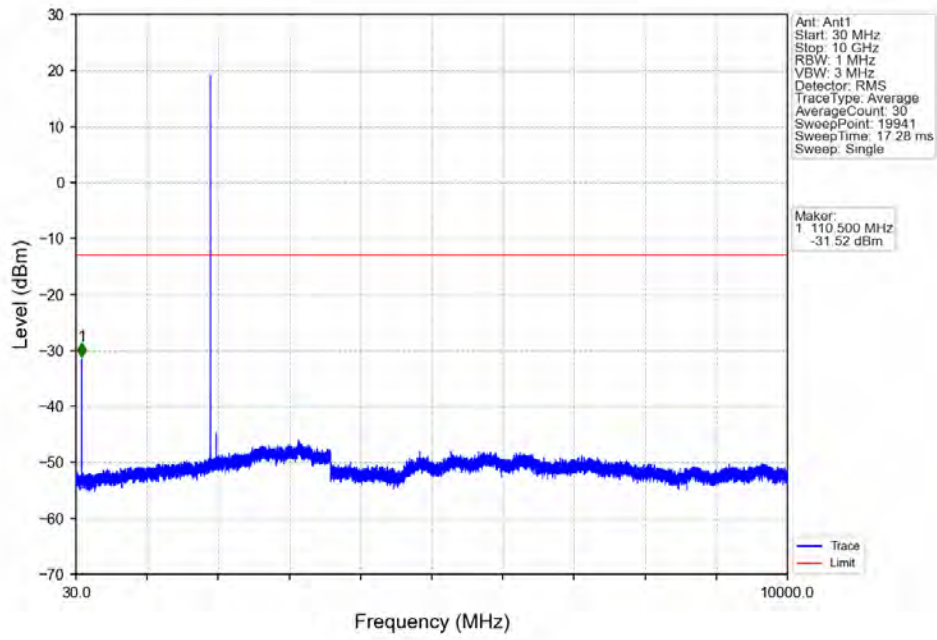
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



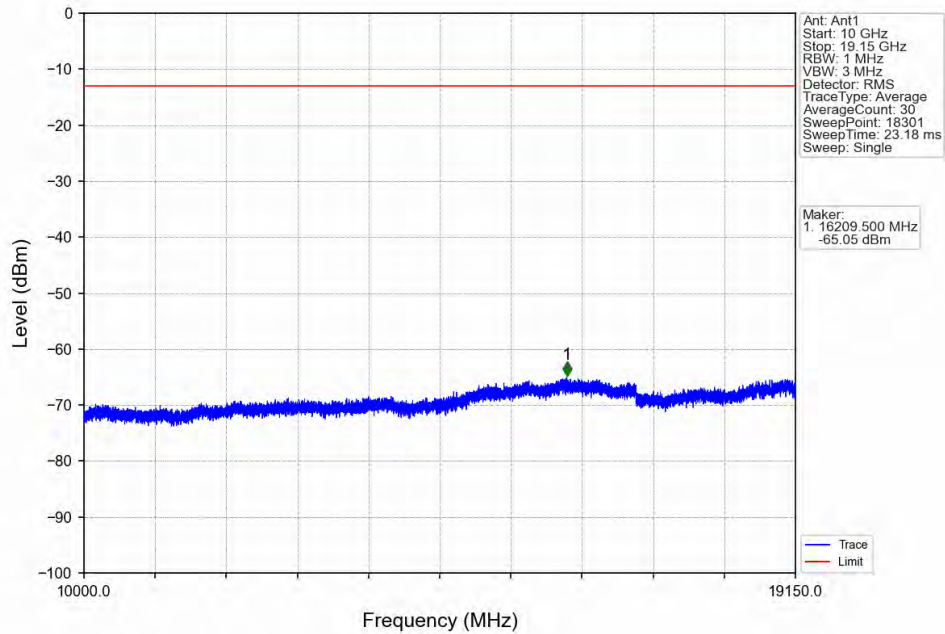
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



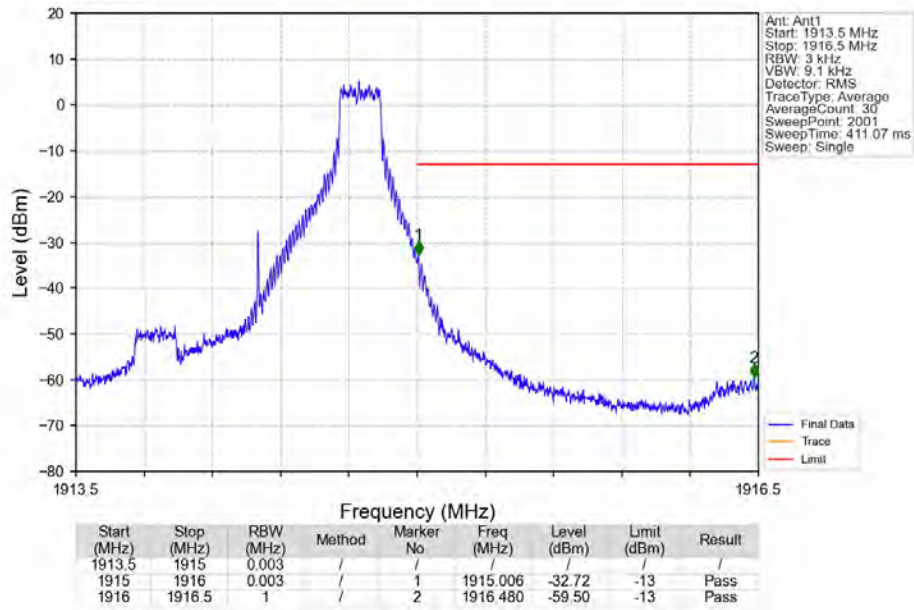
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTNV



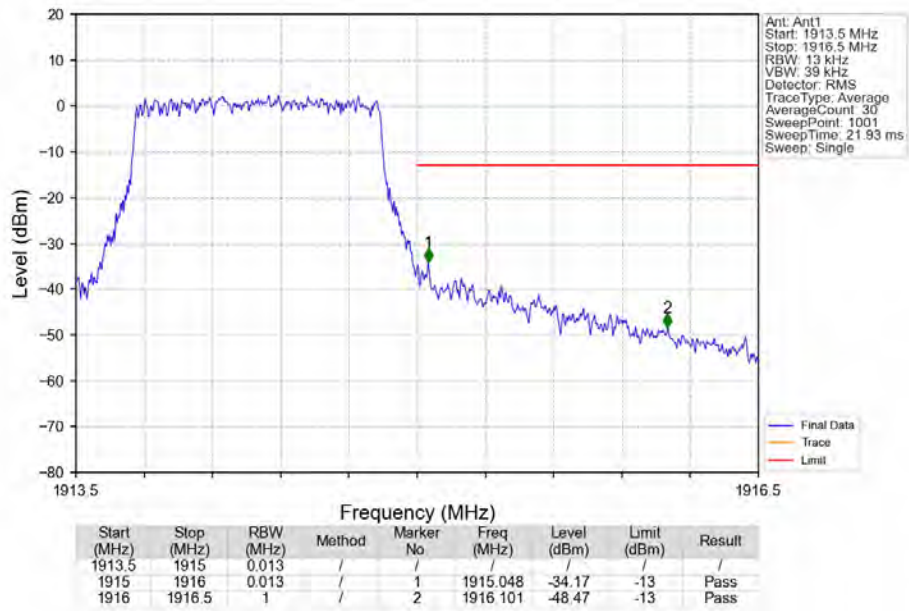
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTNV



Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 5 NTN



Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTN

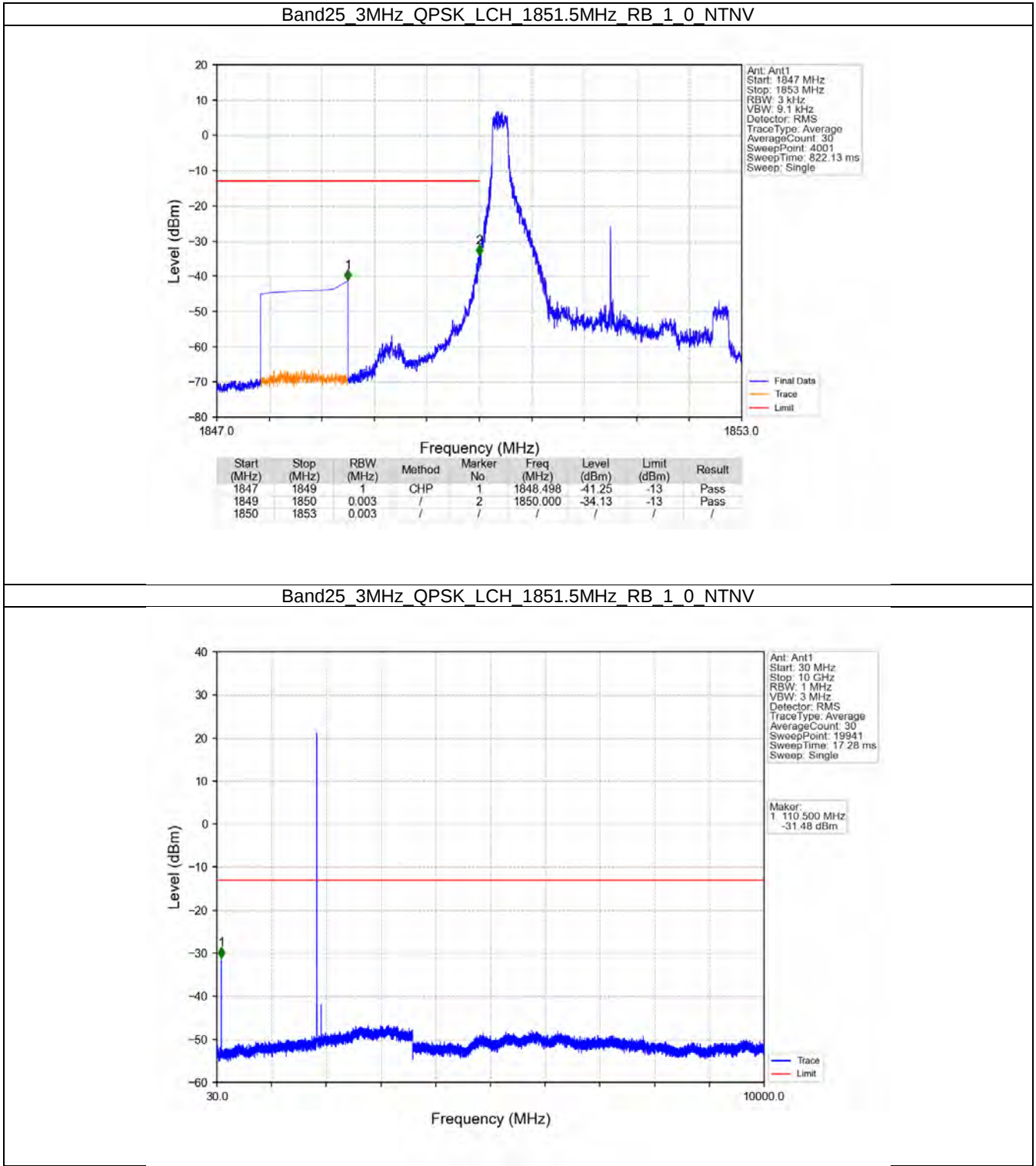


## 6.2 B25\_3MHz

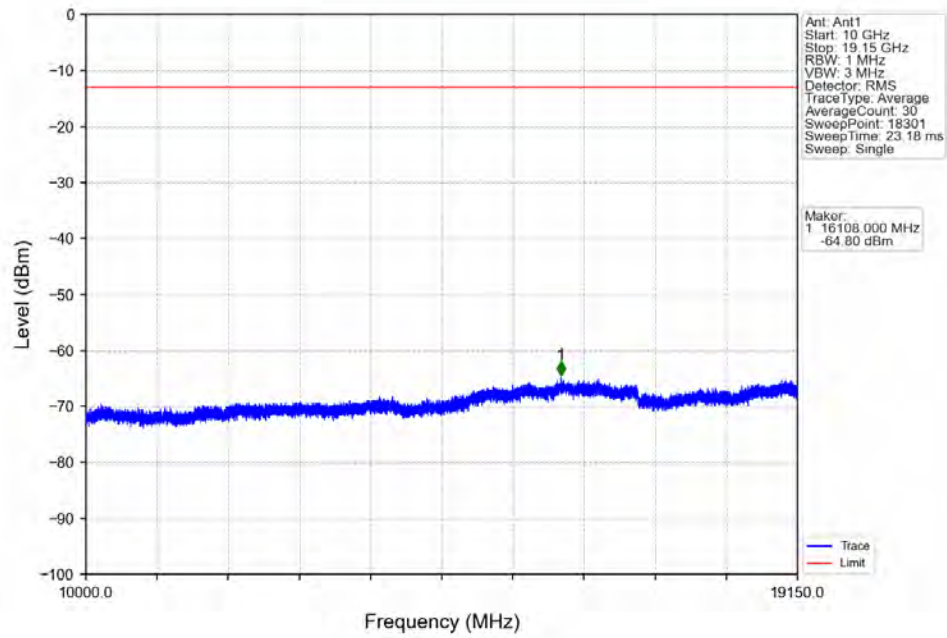
### 6.2.1 Test Result

| Band: 25 / 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    |
|                                   | 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    |
| 16QAM                             | 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    |

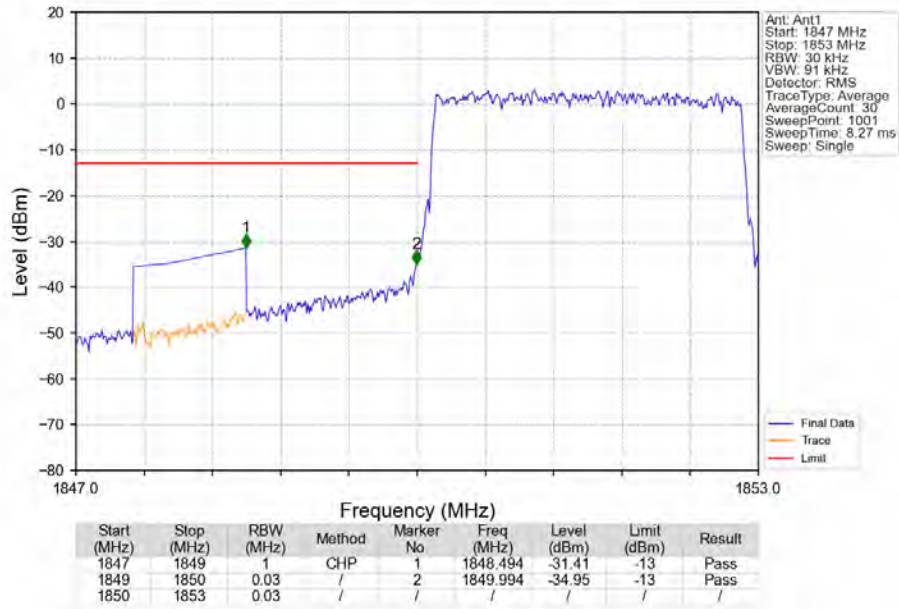
6.2.2 Test Graph



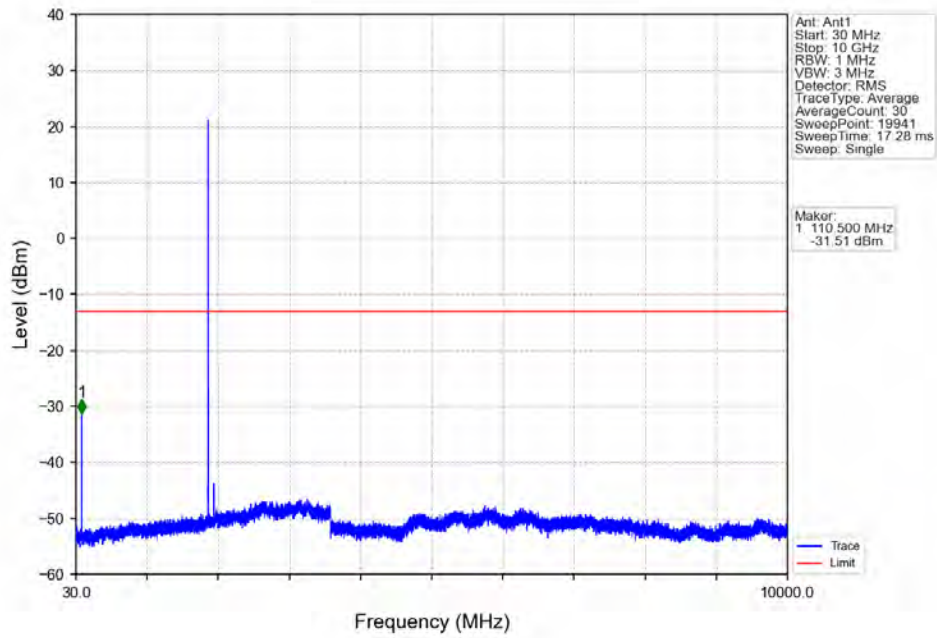
Band25 3MHz QPSK LCH 1851.5MHz RB 1 0 NTNV



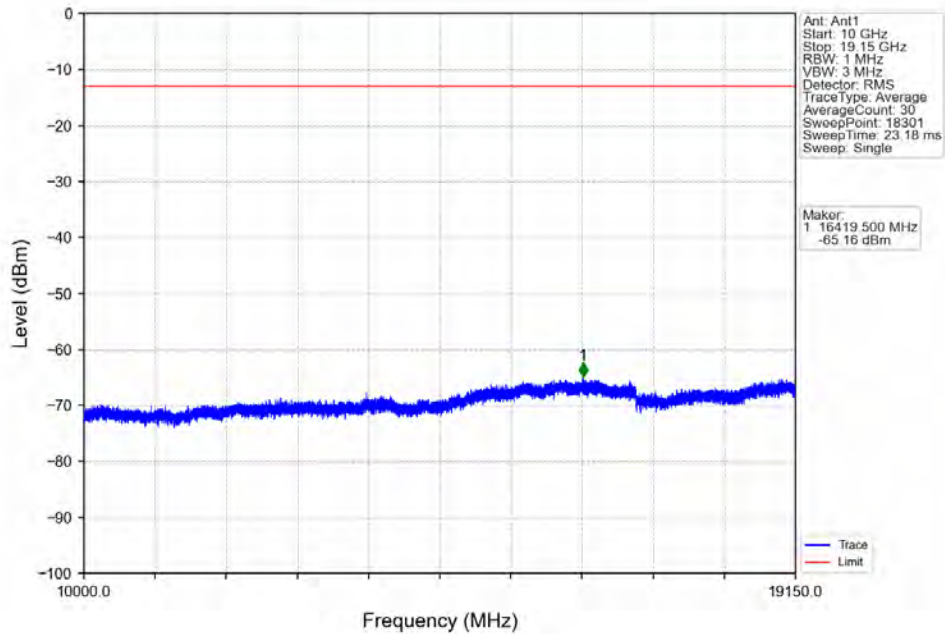
Band25 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



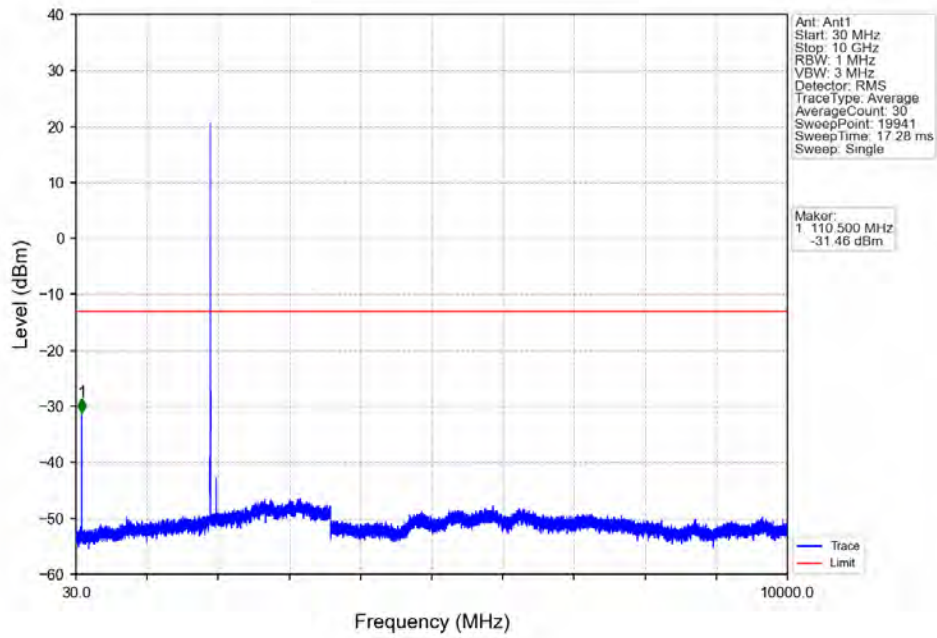
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTV



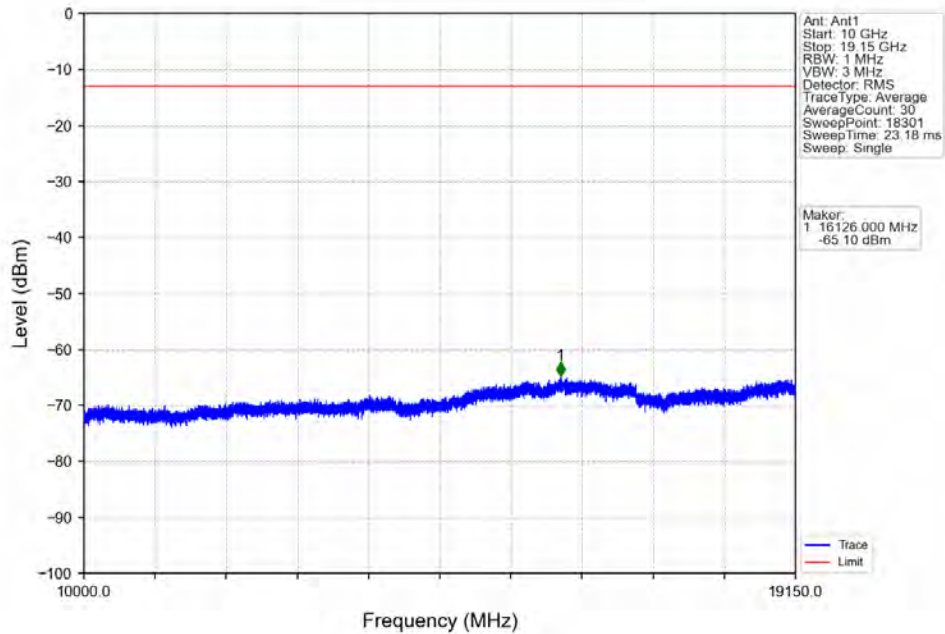
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTV



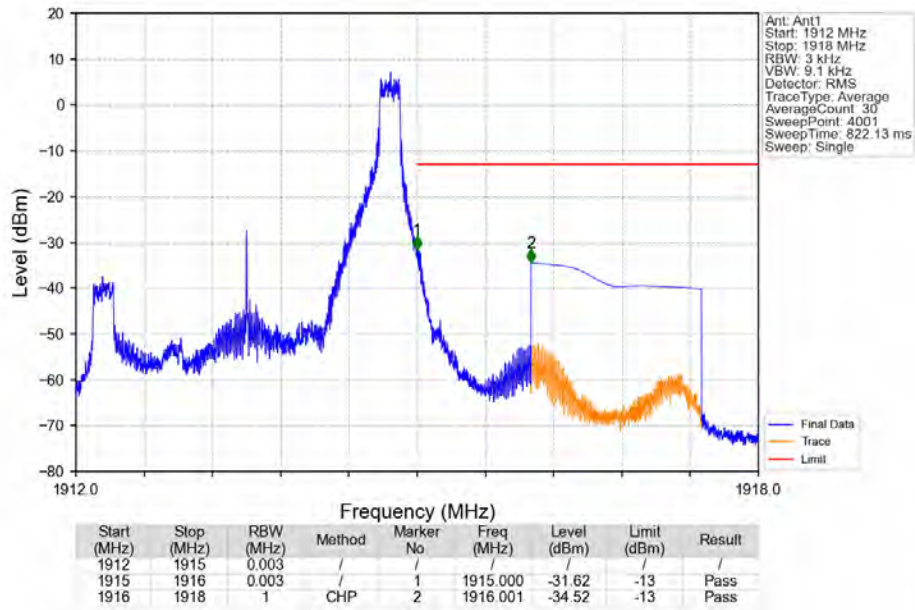
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTV



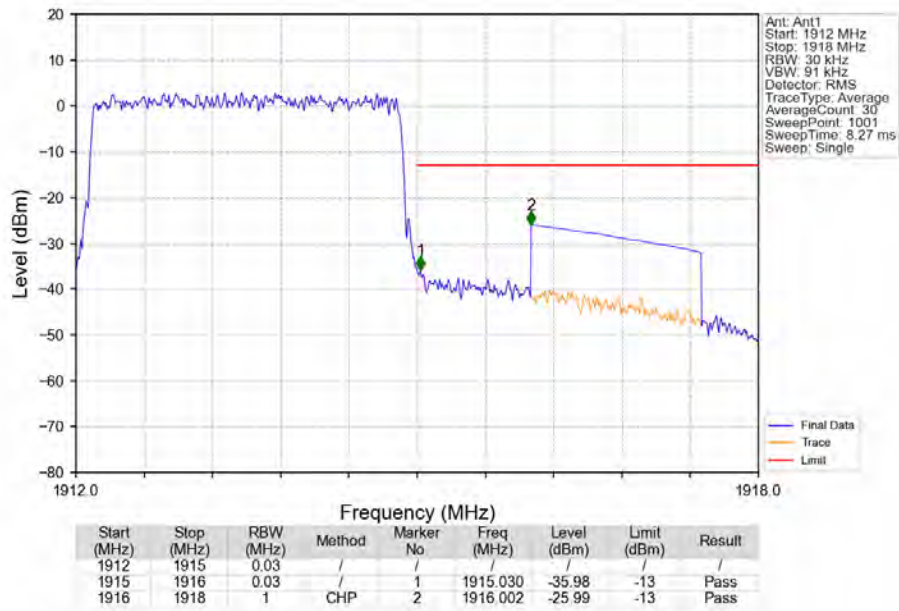
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTV



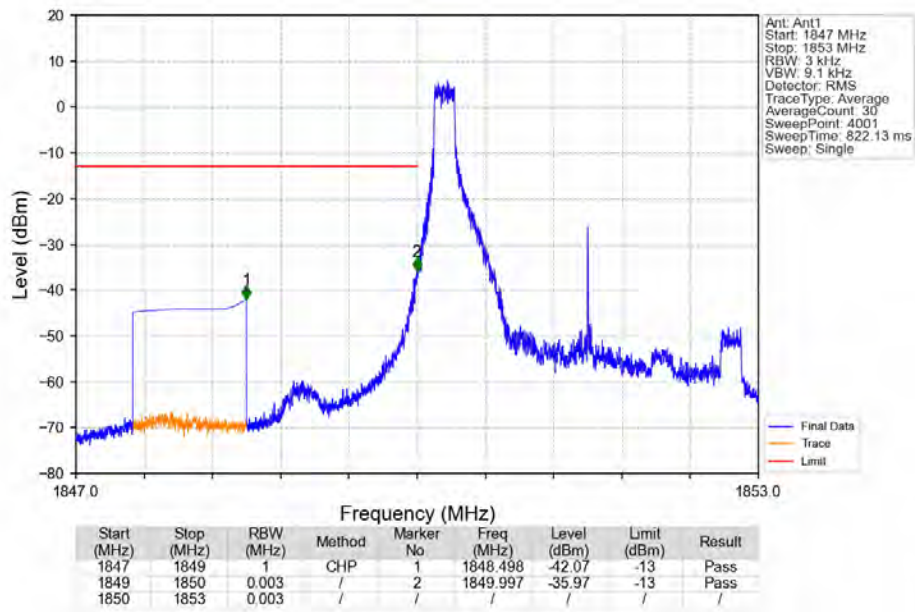
Band25 3MHz QPSK HCH 1913.5MHz RB 1 14 NTV



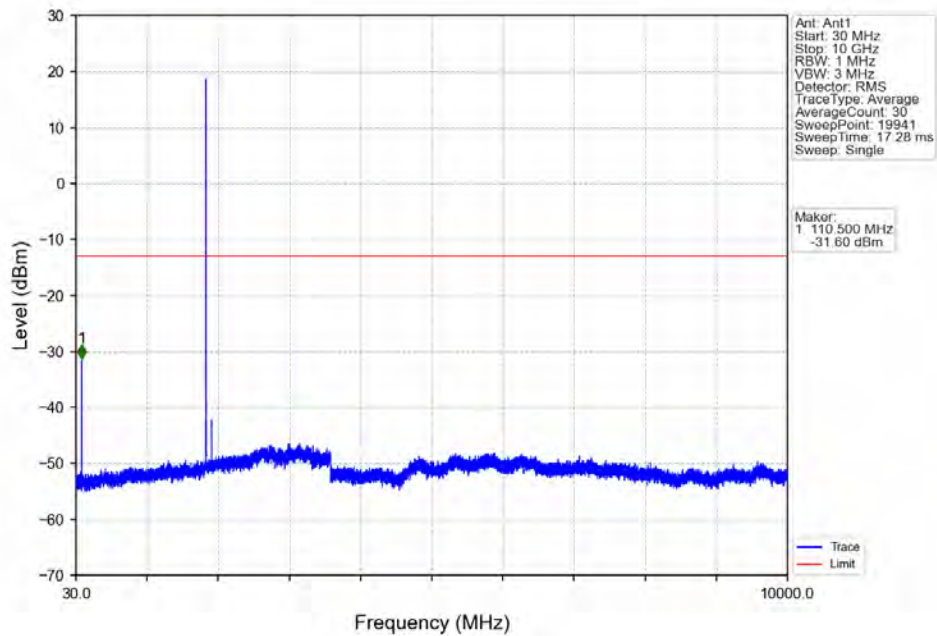
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTV



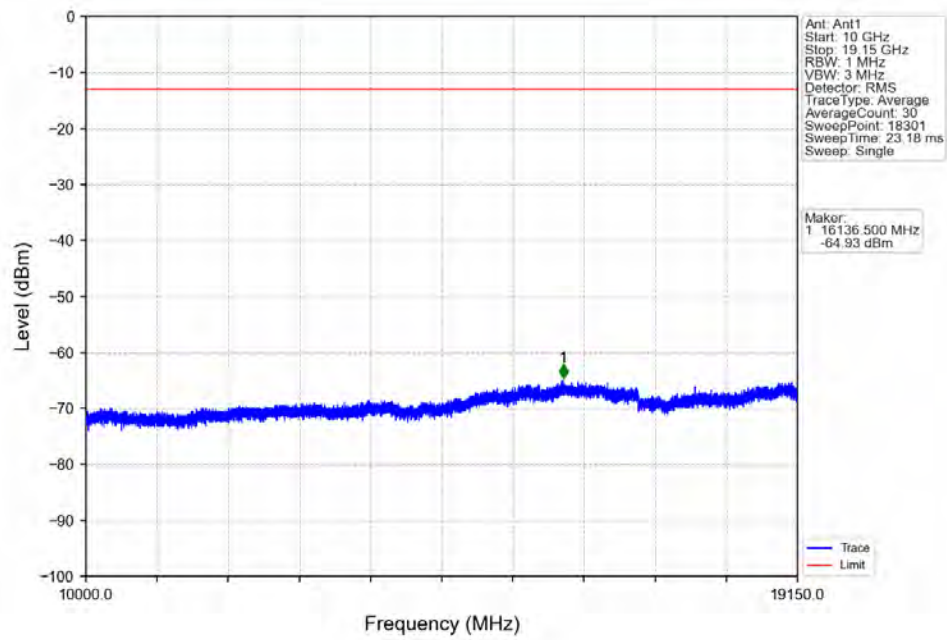
Band25 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTV



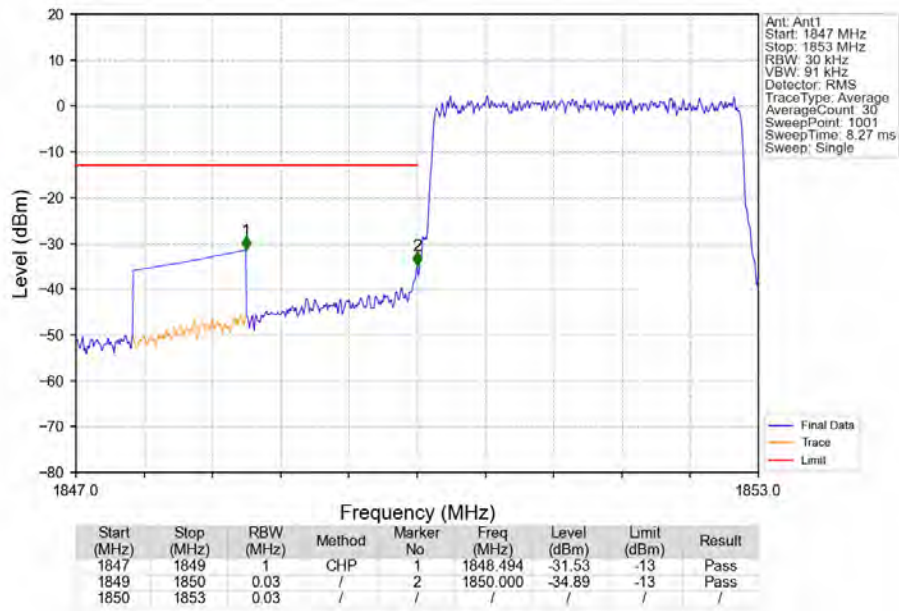
Band25 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTV



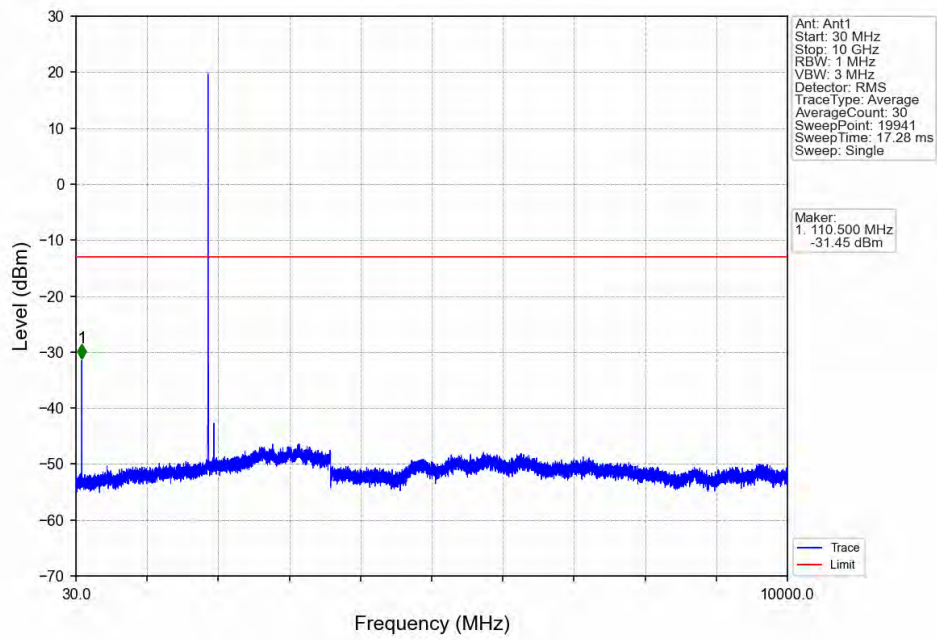
Band25 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTV



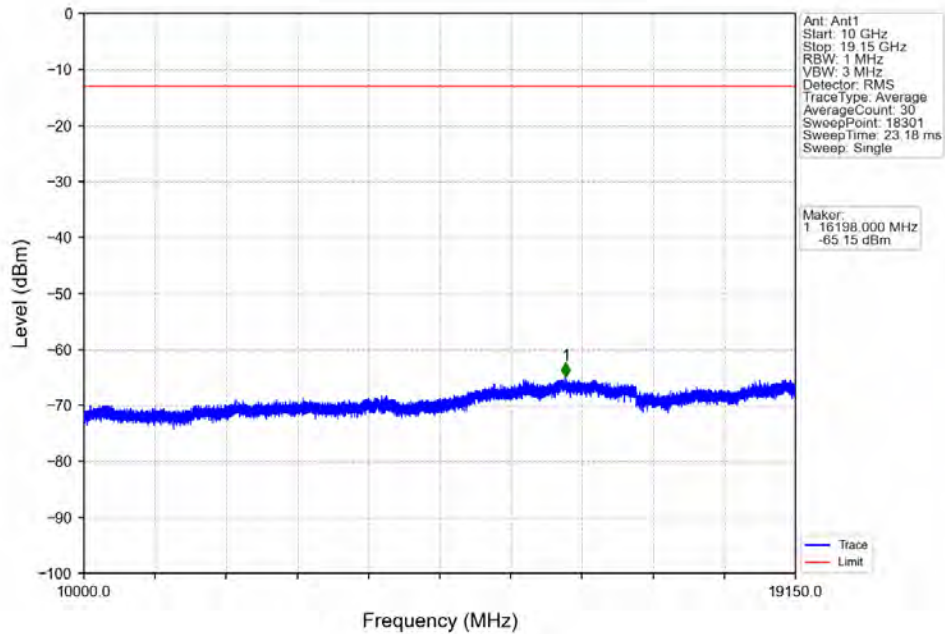
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTV



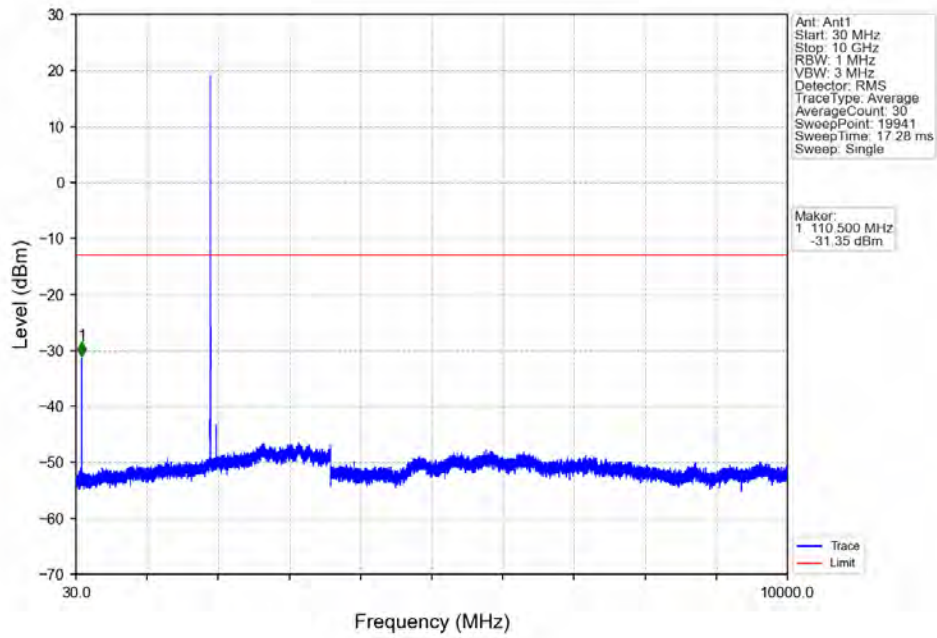
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



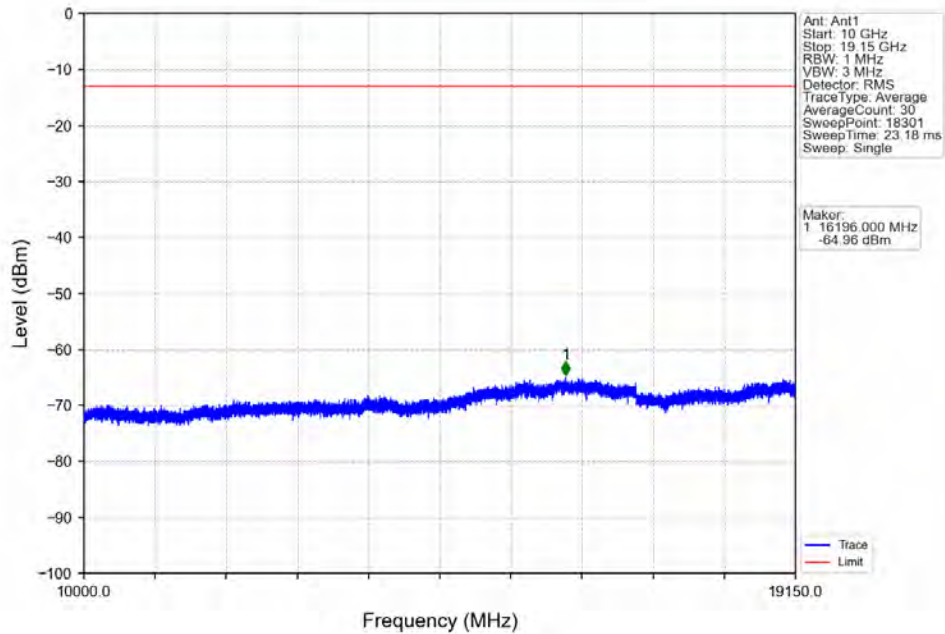
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



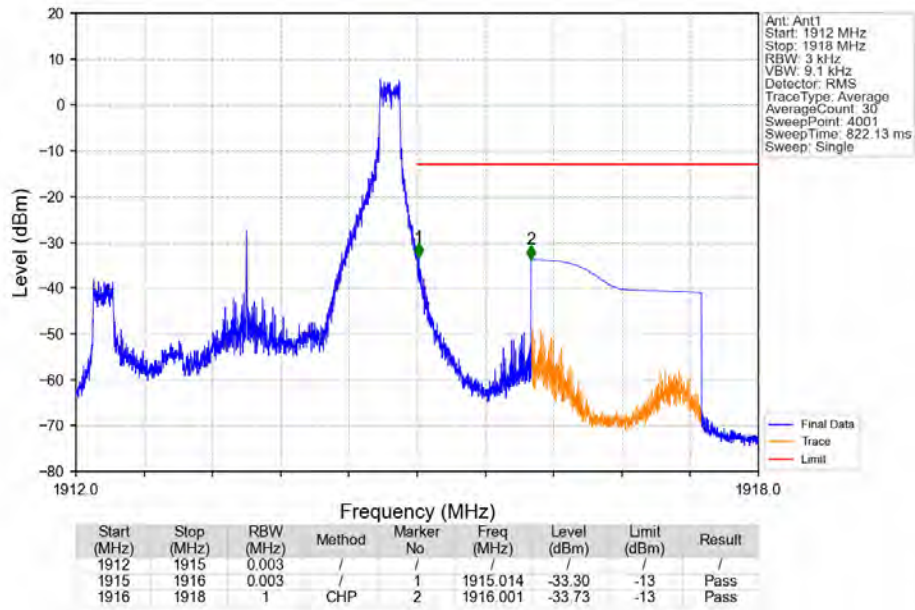
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTNV



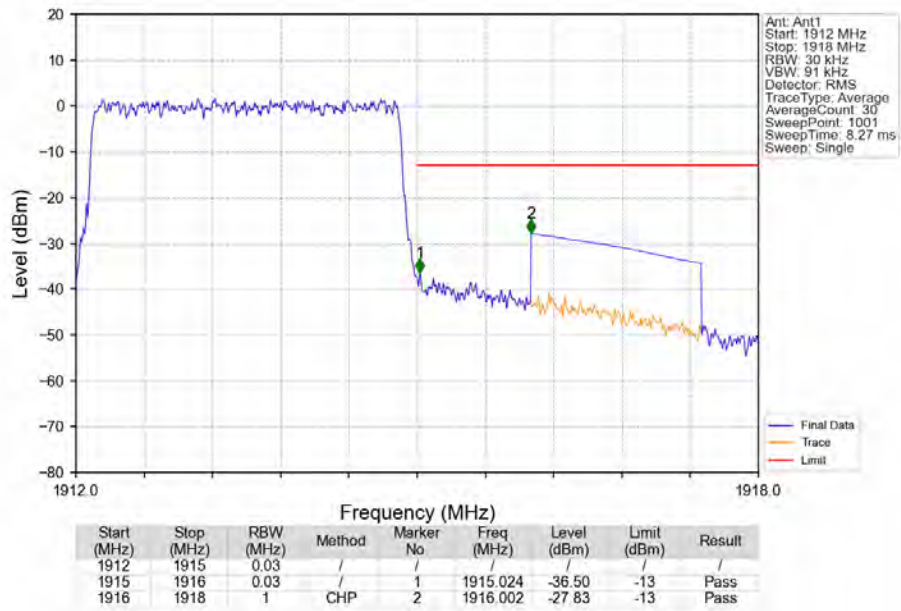
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTNV



Band25 3MHz 16QAM HCH 1913.5MHz RB 1 14 NTN



Band25 3MHz 16QAM HCH 1913.5MHz RB 15 0 NTN

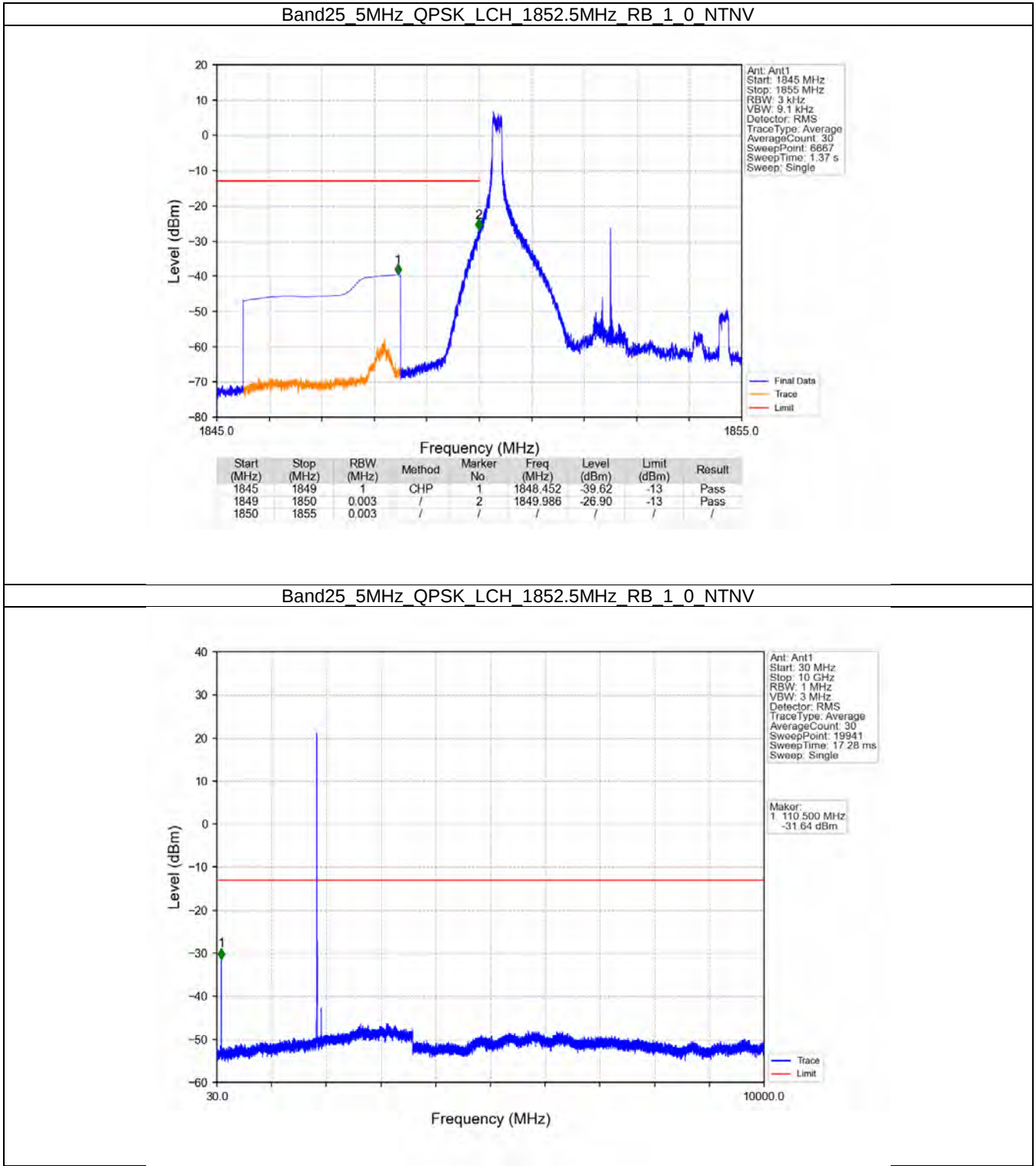


## 6.3 B25\_5MHz

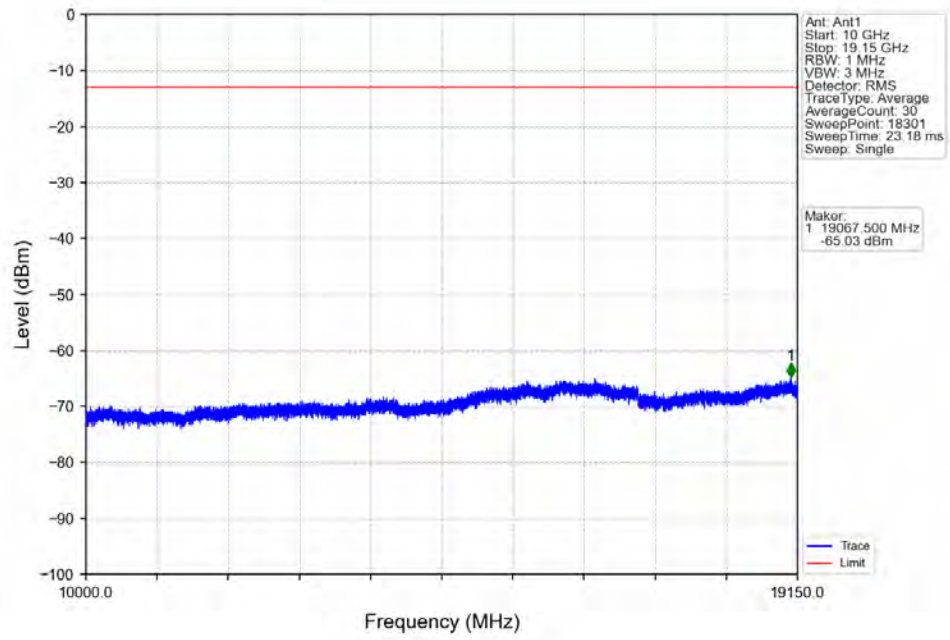
### 6.3.1 Test Result

| Band: 25 / 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    |
|                                   | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1912.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 1852.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1912.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

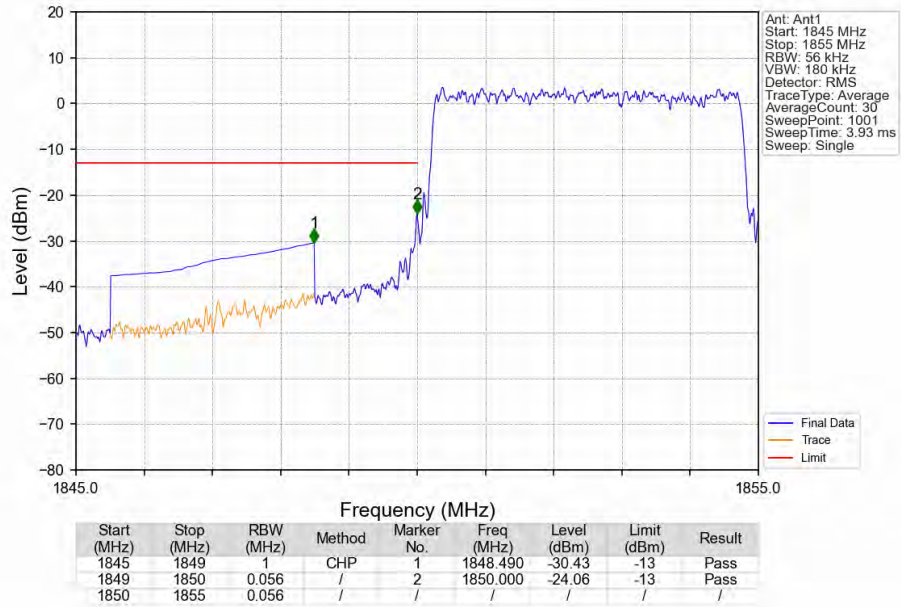
6.3.2 Test Graph



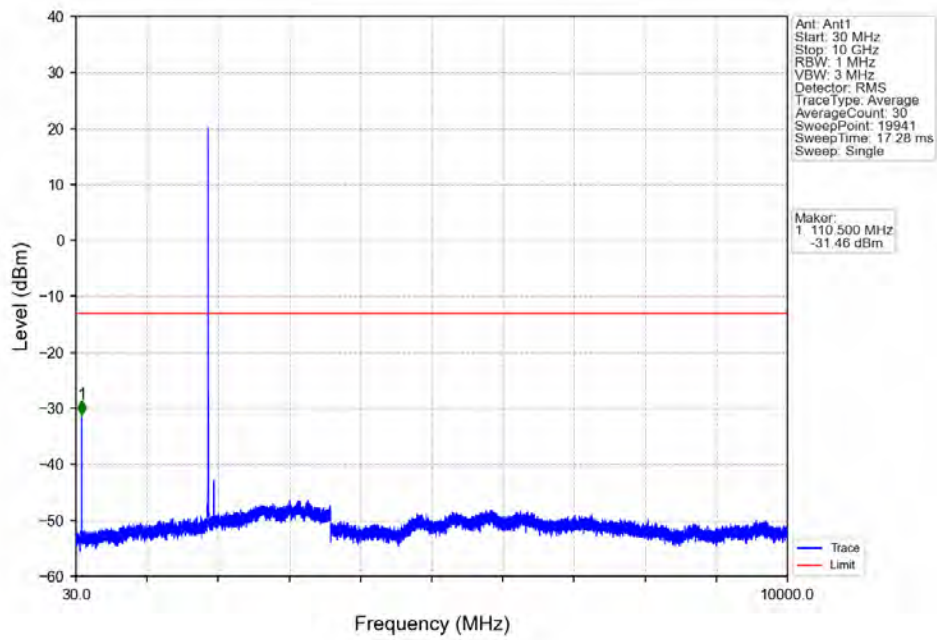
Band25 5MHz QPSK LCH 1852.5MHz RB 1 0 NTNV



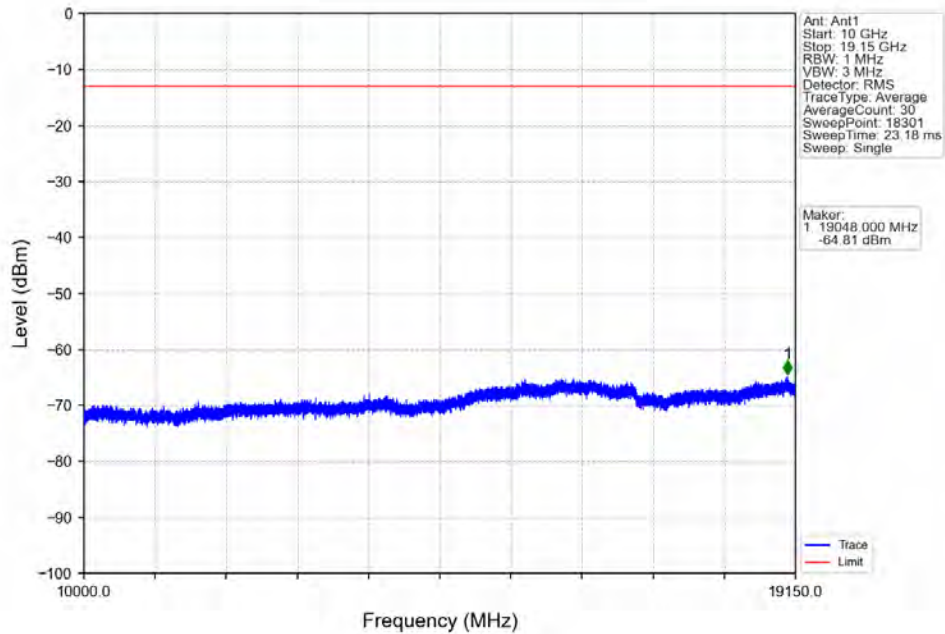
Band25 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



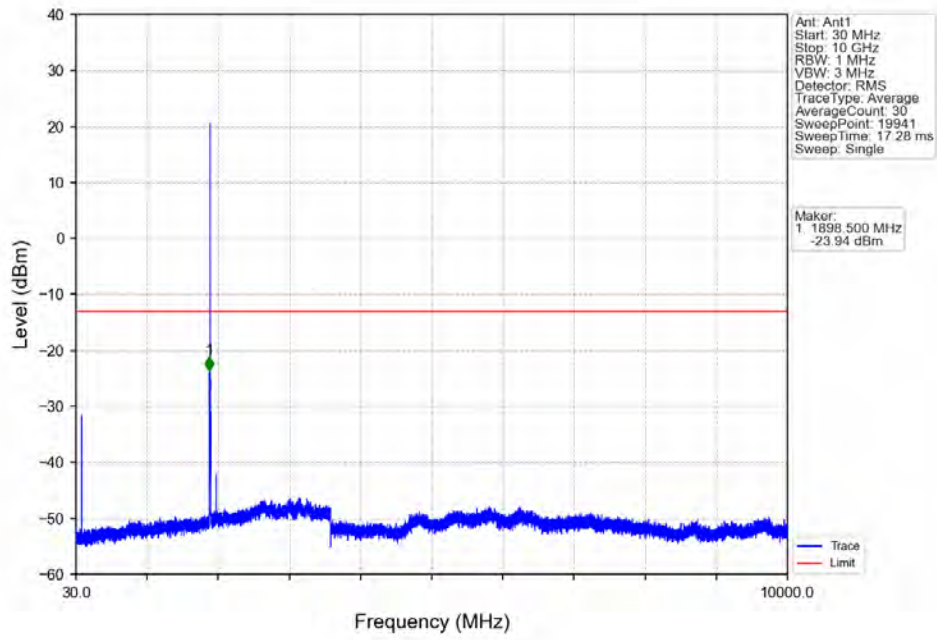
Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTV



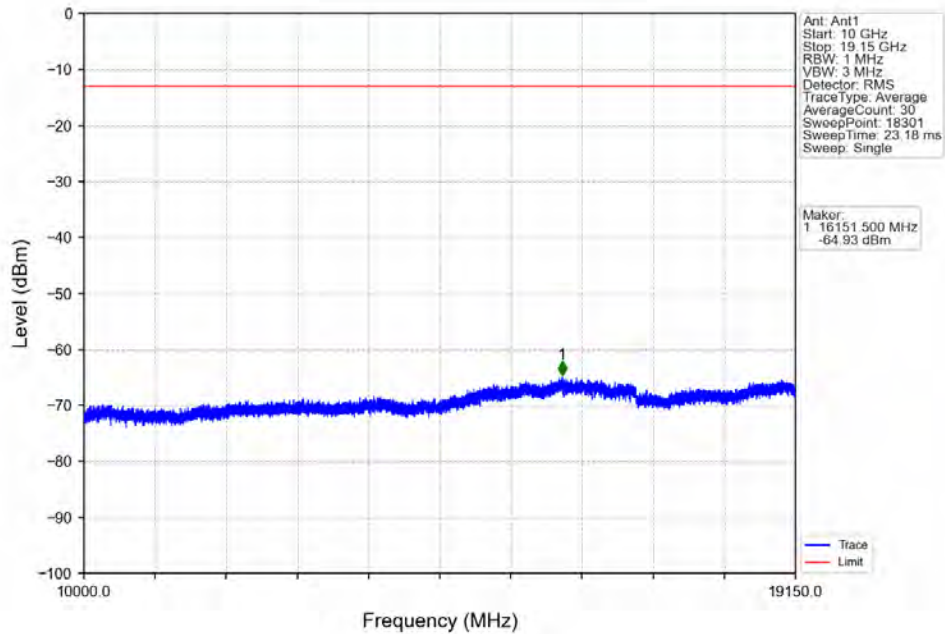
Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTV



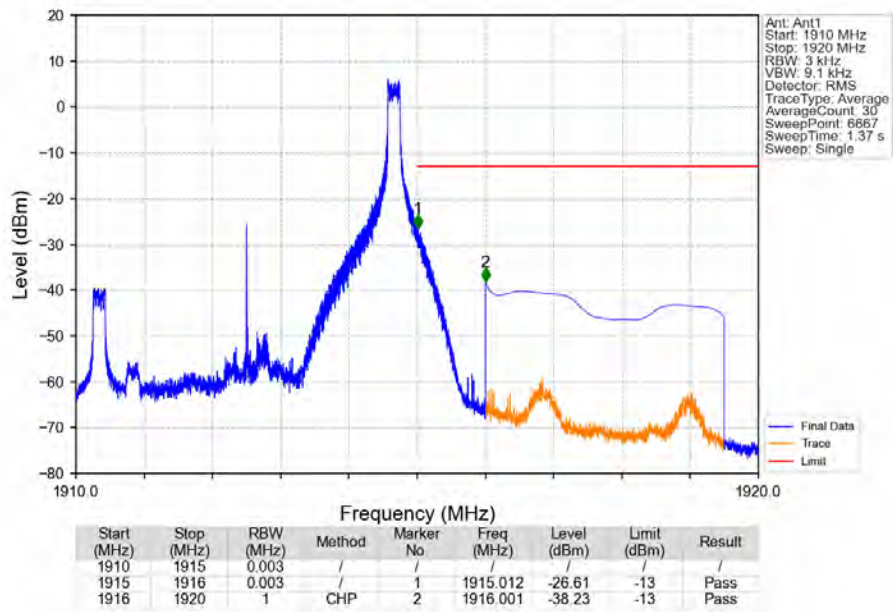
Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTN



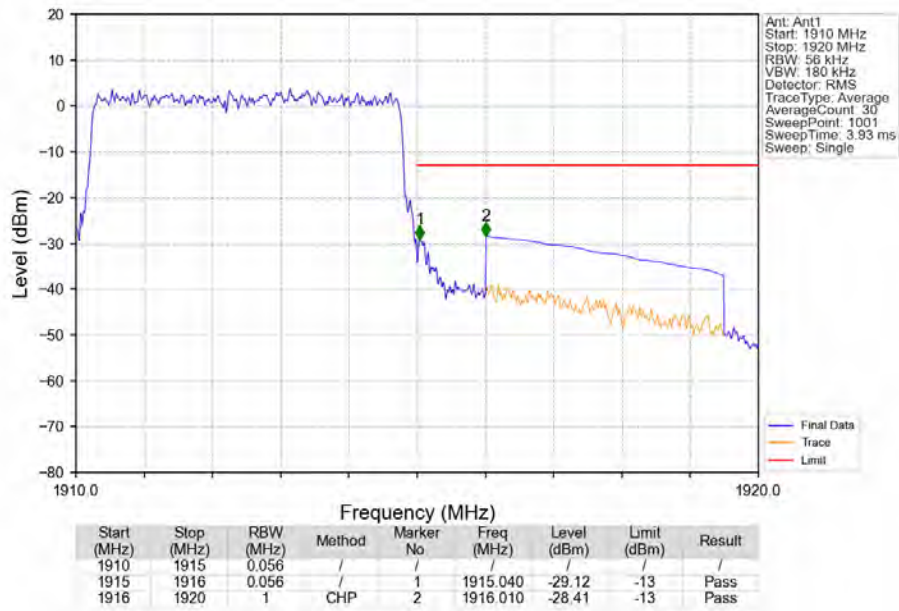
Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTN



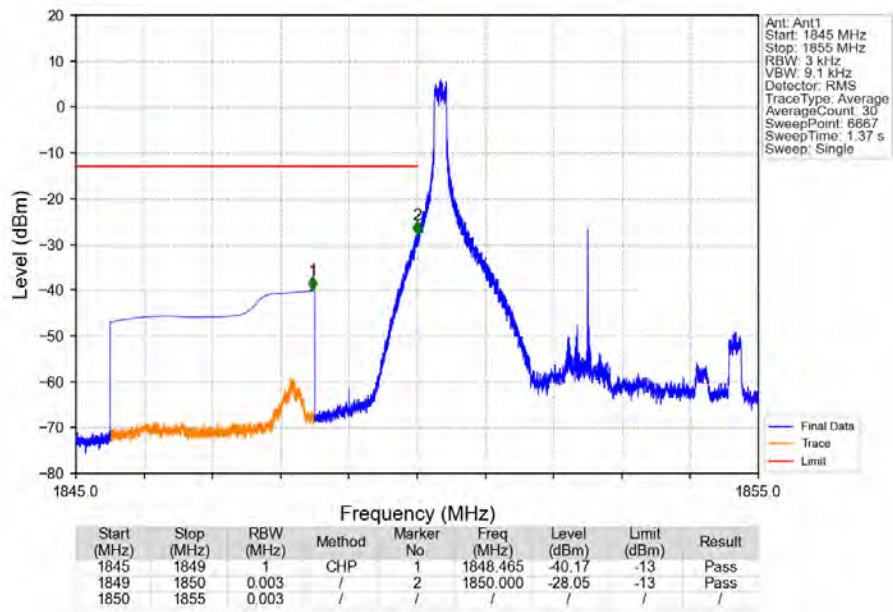
Band25 5MHz QPSK HCH 1912.5MHz RB 1 24 NTV



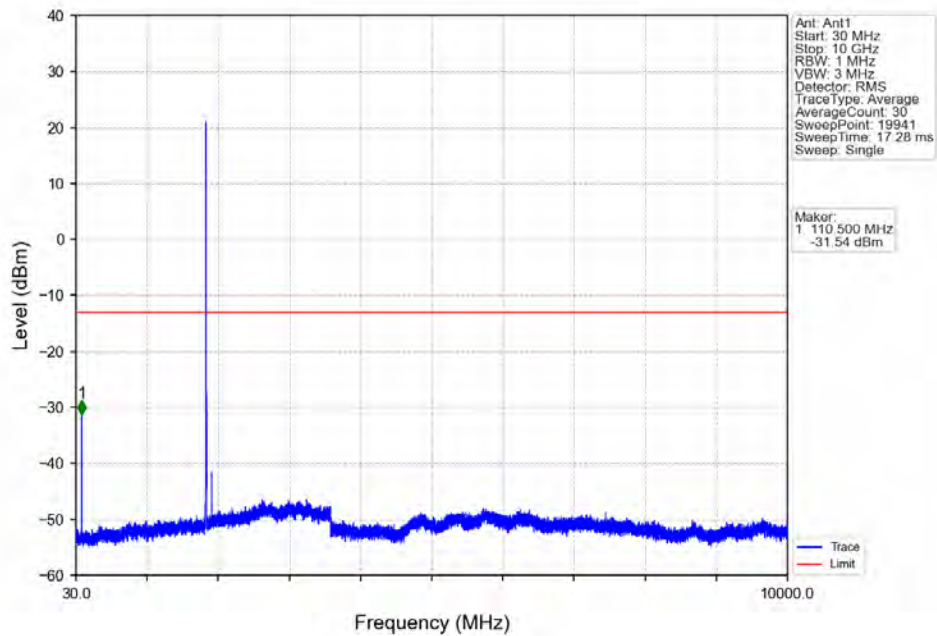
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTV



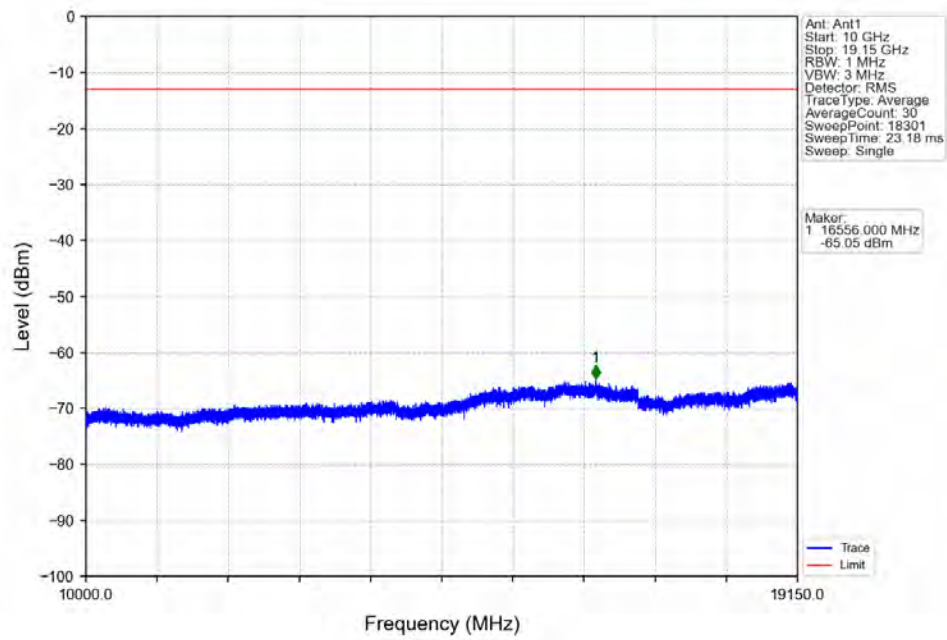
Band25 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTV



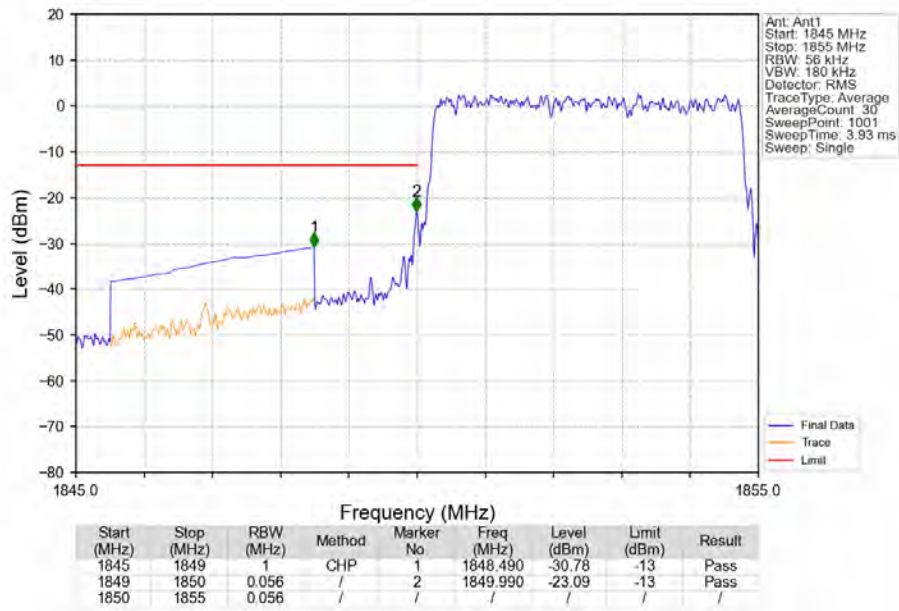
Band25 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTV



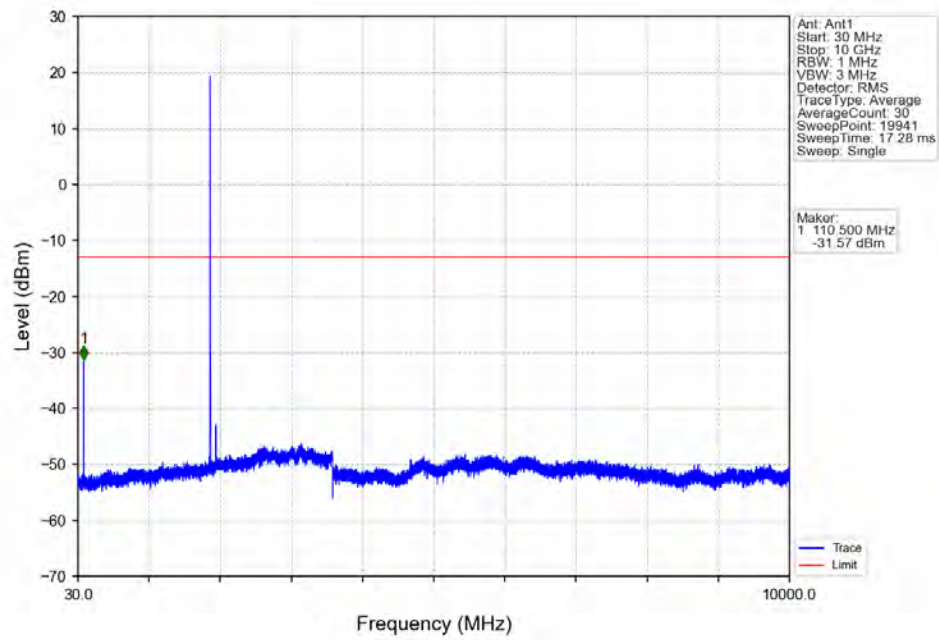
Band25 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTV



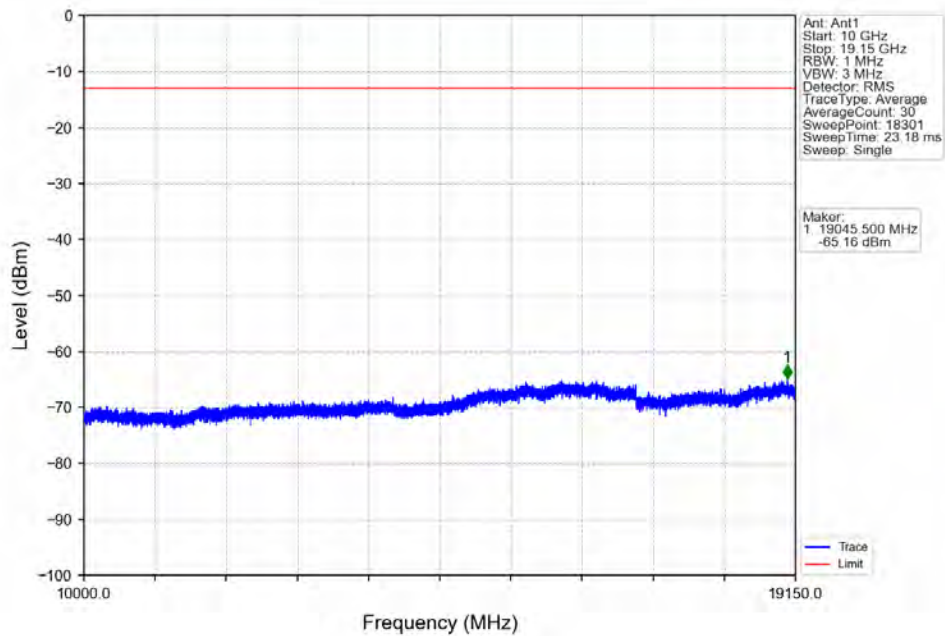
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTV



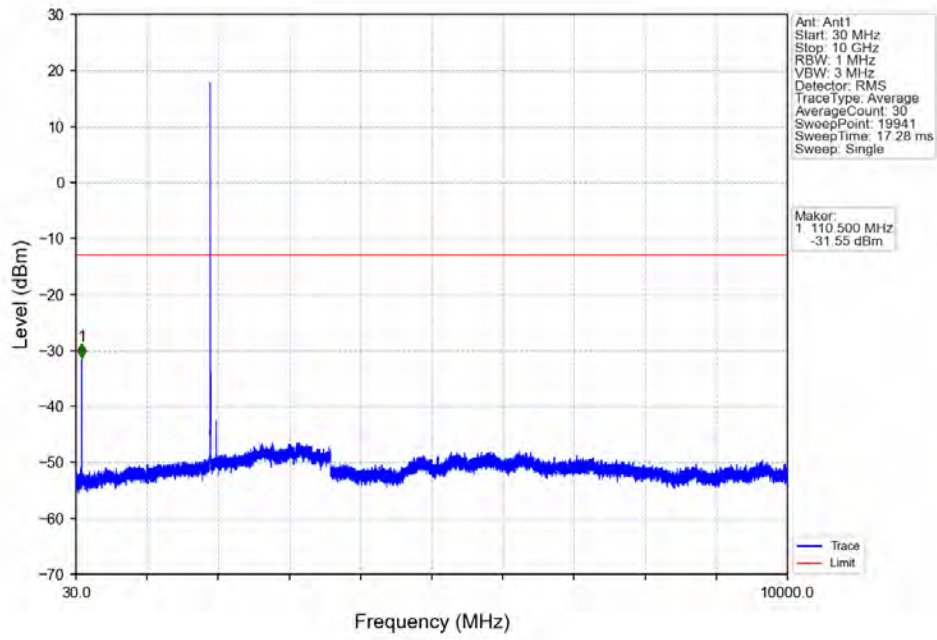
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



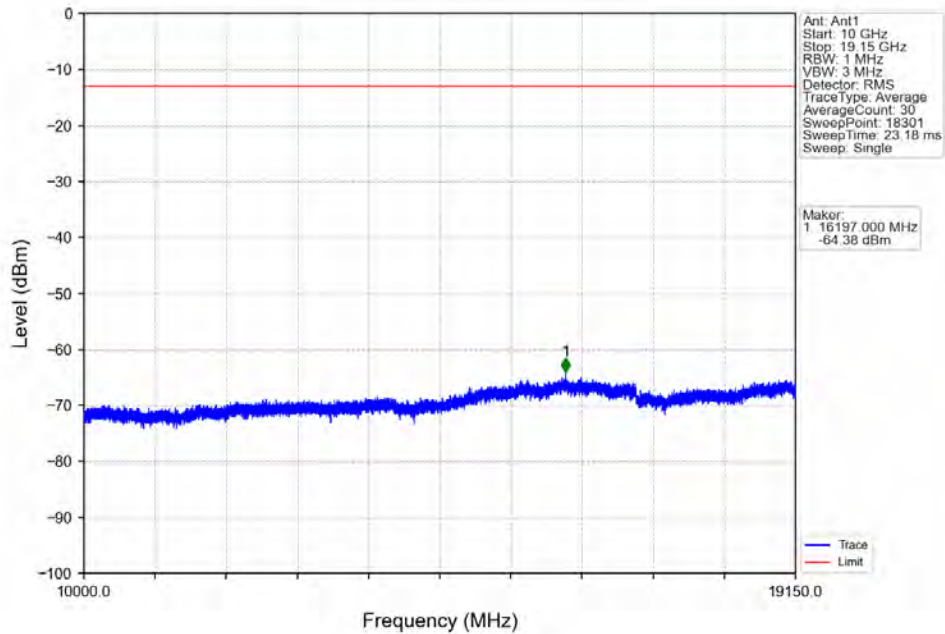
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



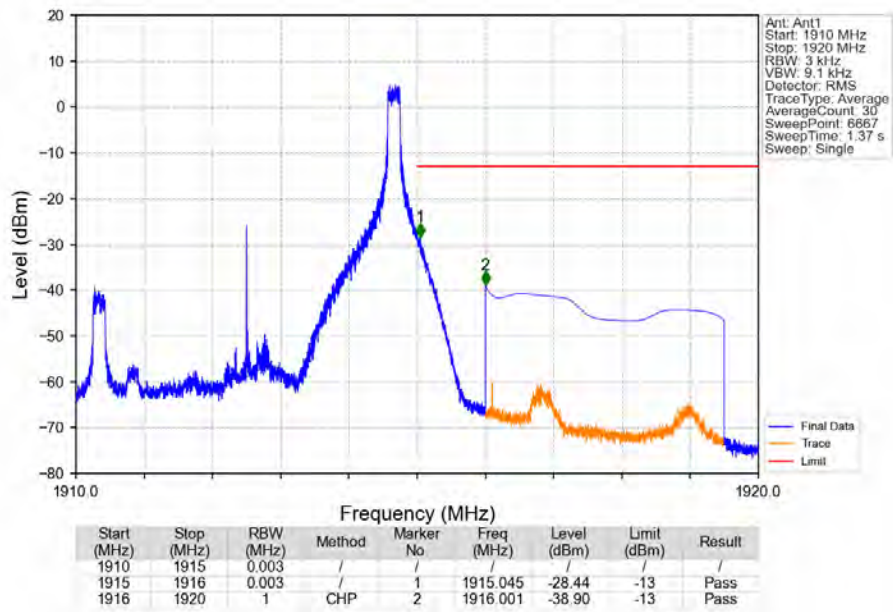
Band25 5MHz 16QAM HCH 1912.5MHz RB 1 0 NTNV



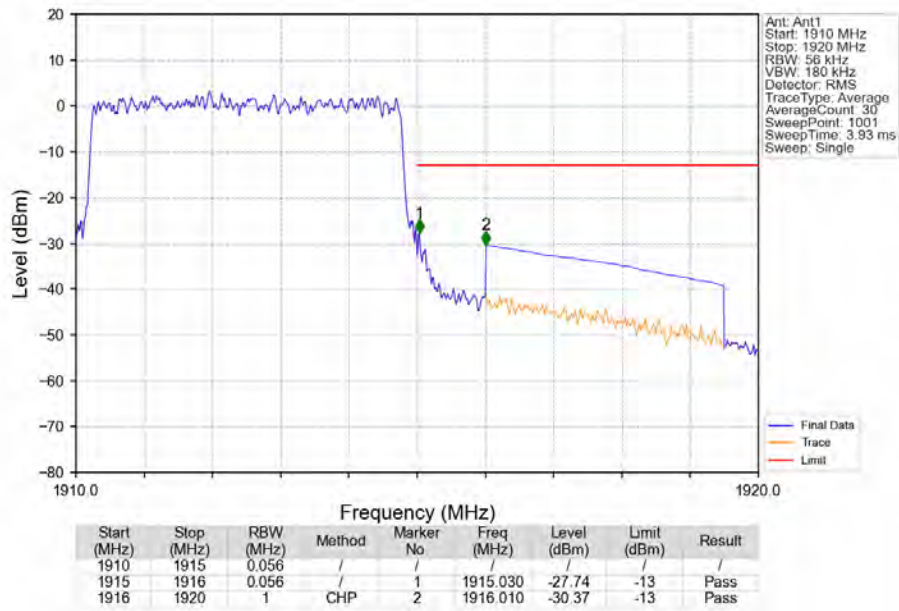
Band25 5MHz 16QAM HCH 1912.5MHz RB 1 0 NTNV



Band25 5MHz 16QAM HCH 1912.5MHz RB 1 24 NTNV



Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTNV

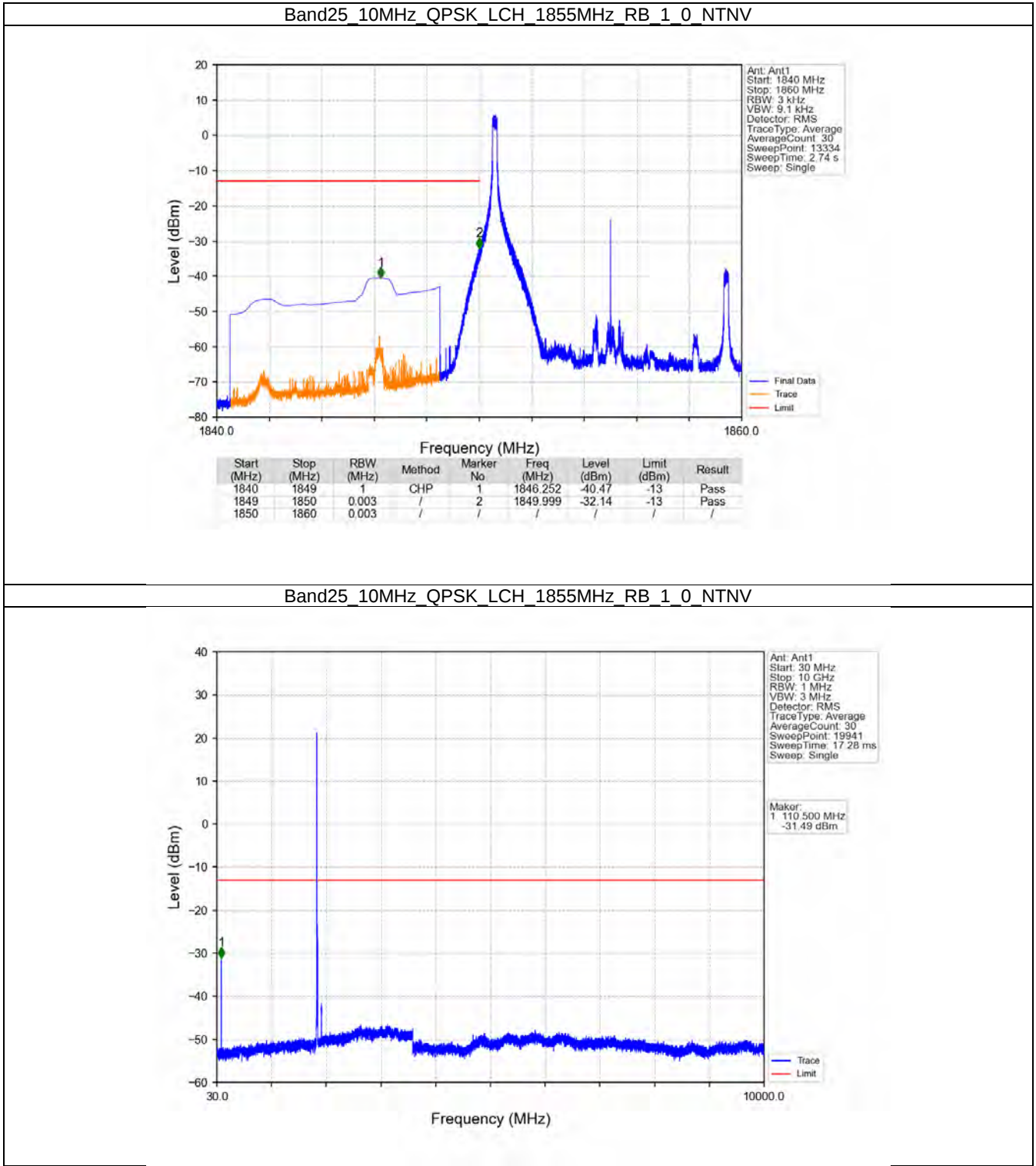


## 6.4 B25\_10MHz

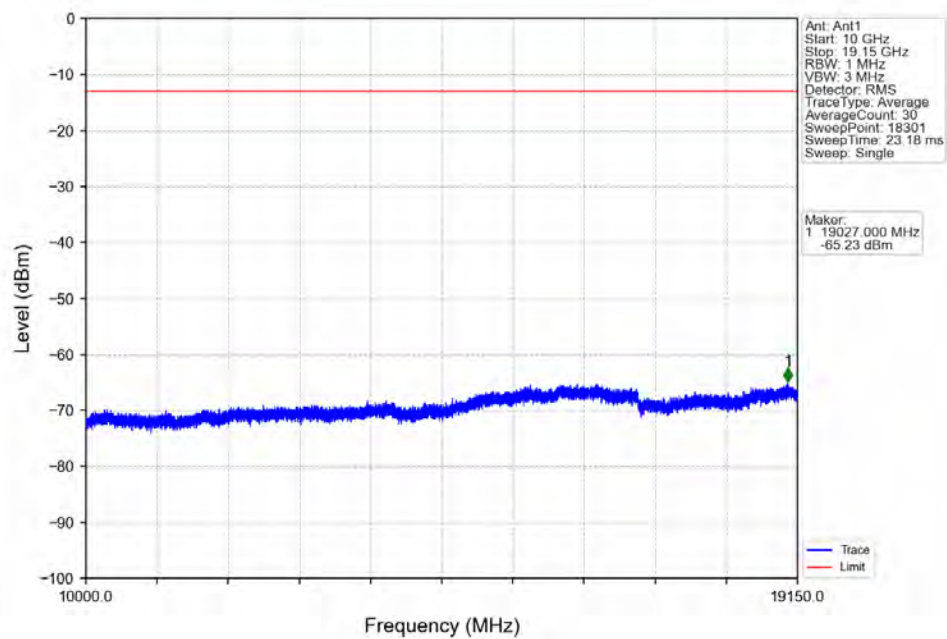
### 6.4.1 Test Result

| Band: 25 / 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    |
|                                   | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1910            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 1855            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1910            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

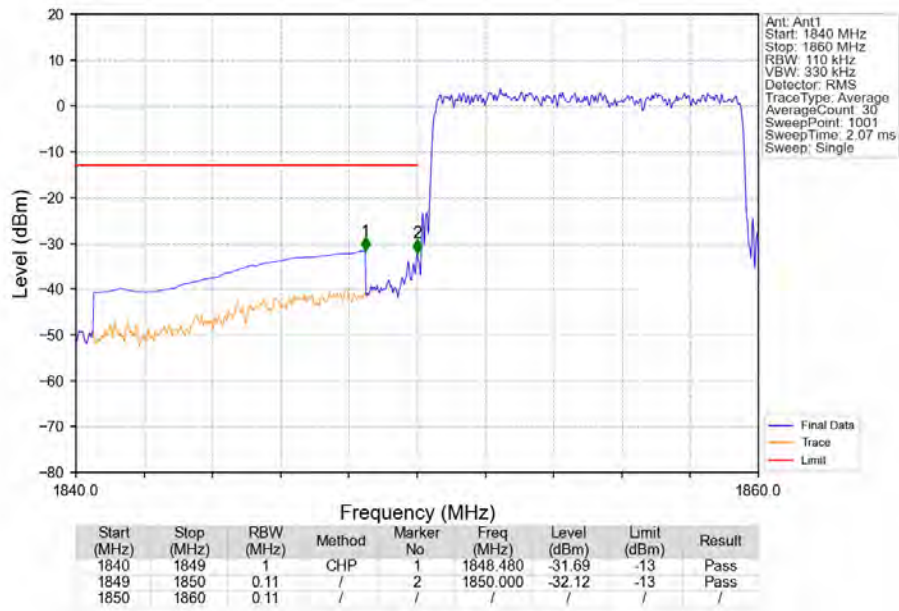
6.4.2 Test Graph



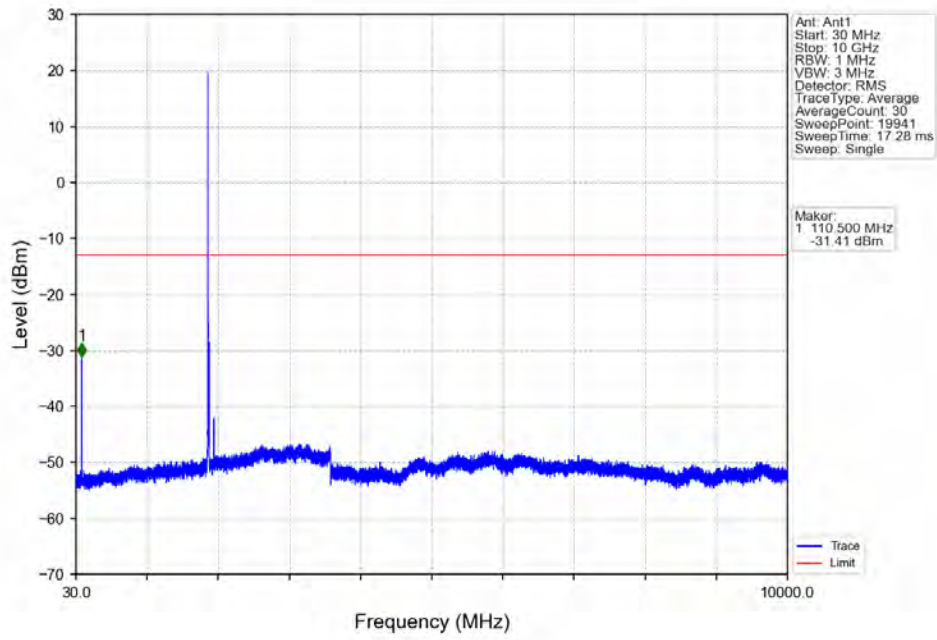
Band25 10MHz QPSK LCH 1855MHz RB 1 0 NTNV



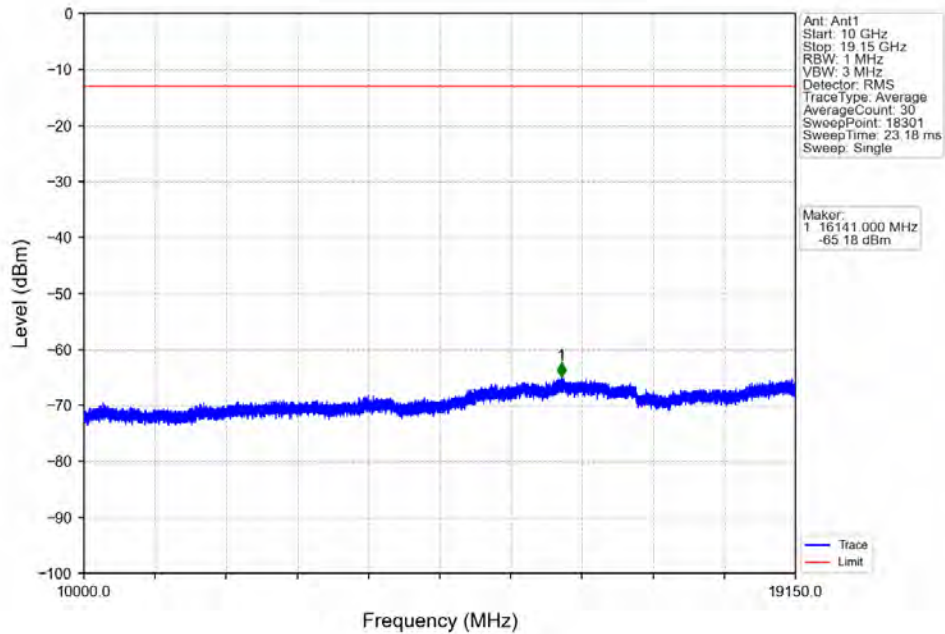
Band25 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



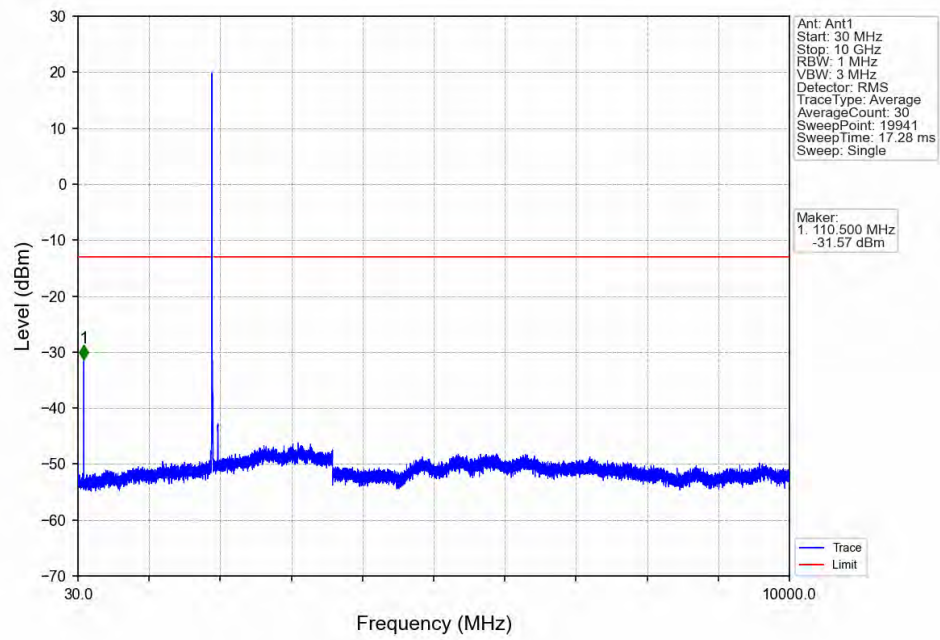
Band25 10MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



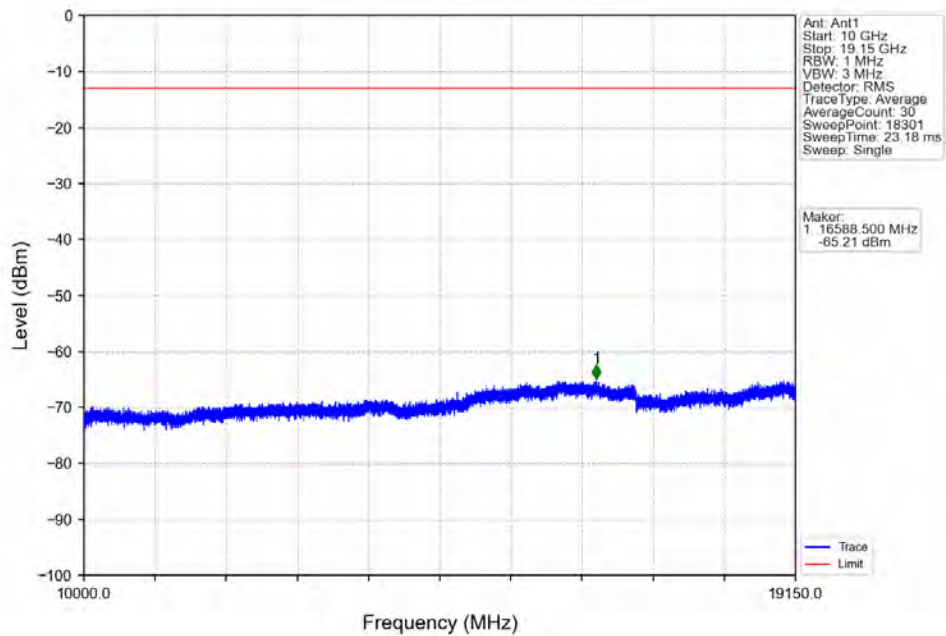
Band25 10MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



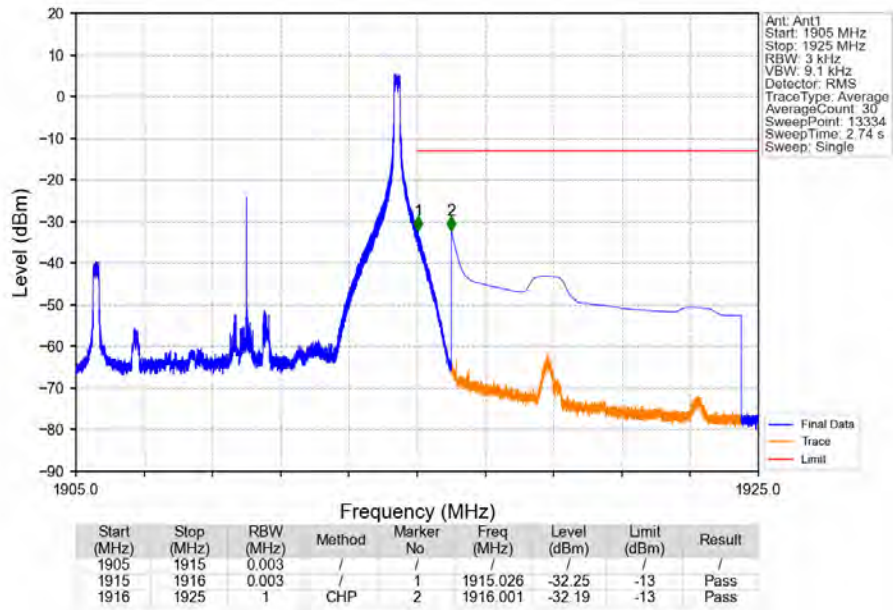
Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTNV



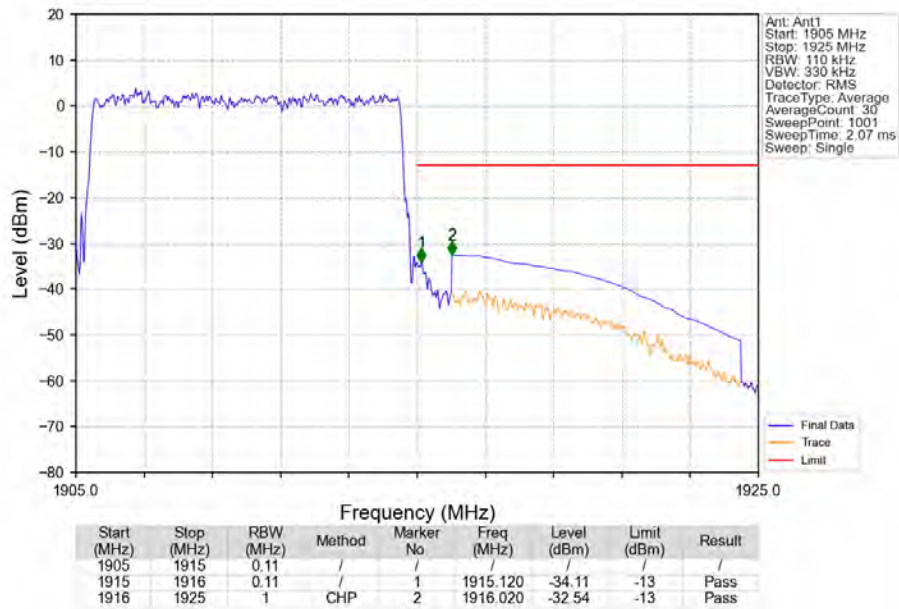
Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTNV



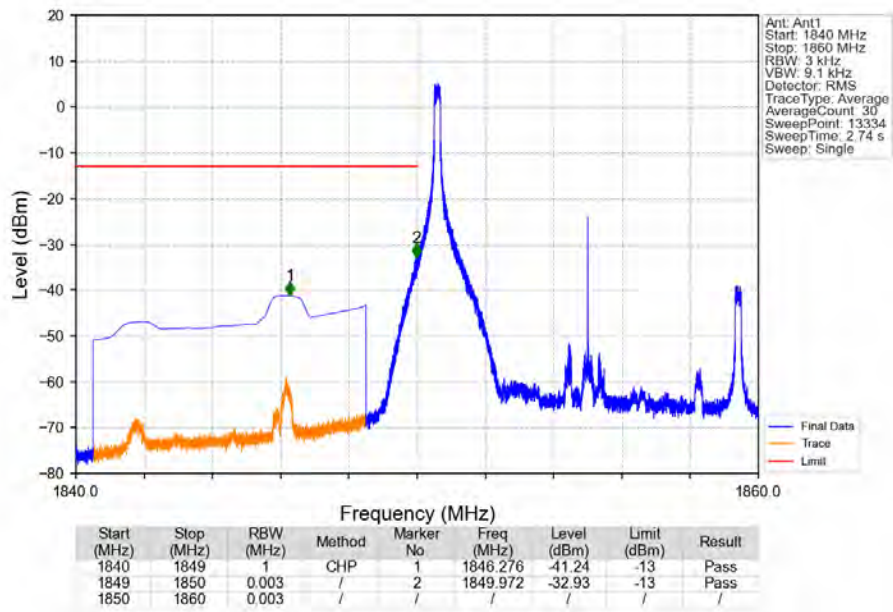
Band25\_10MHz\_QPSK\_HCH\_1910MHz\_RB\_1\_49\_NTNV



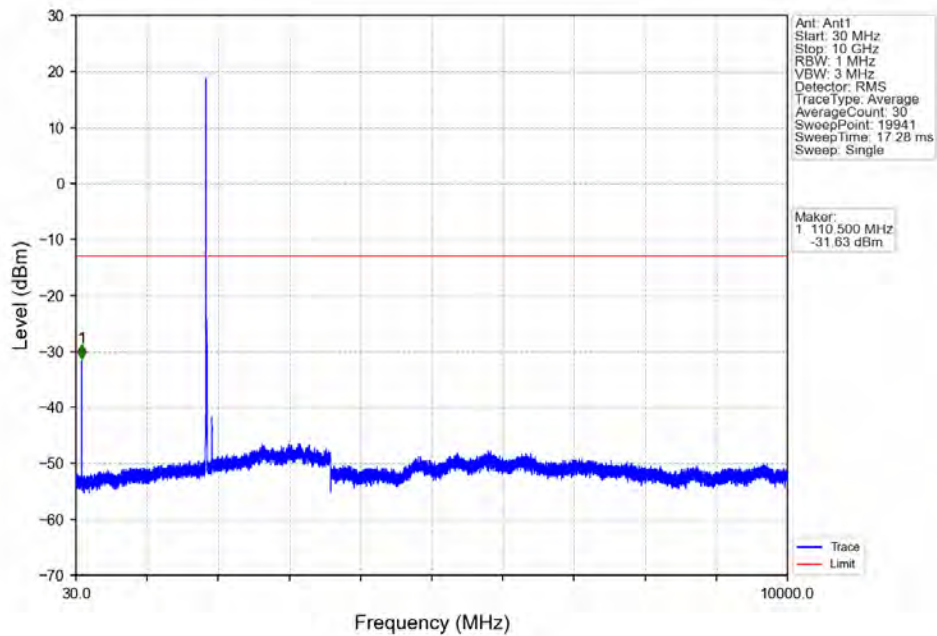
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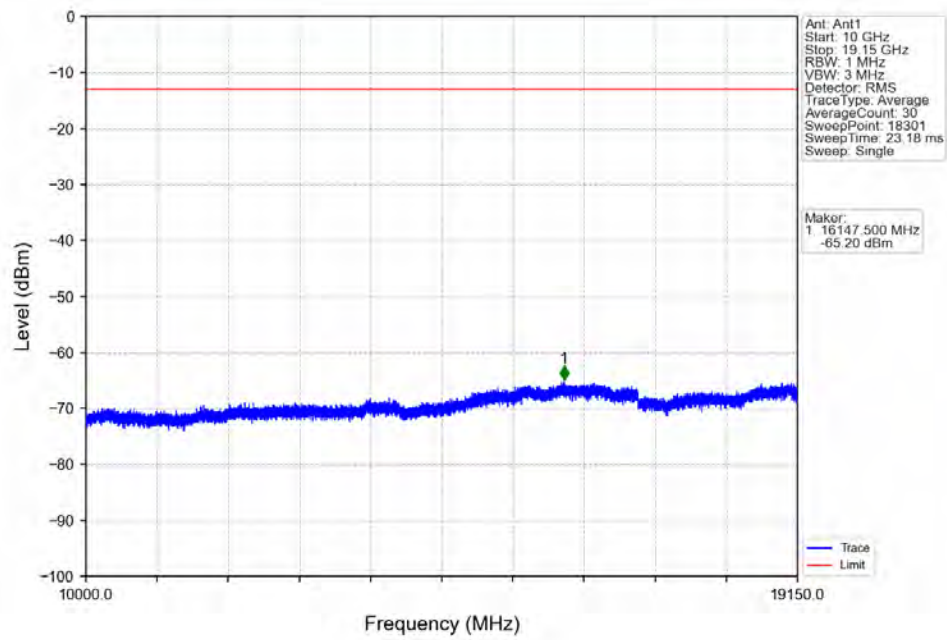
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



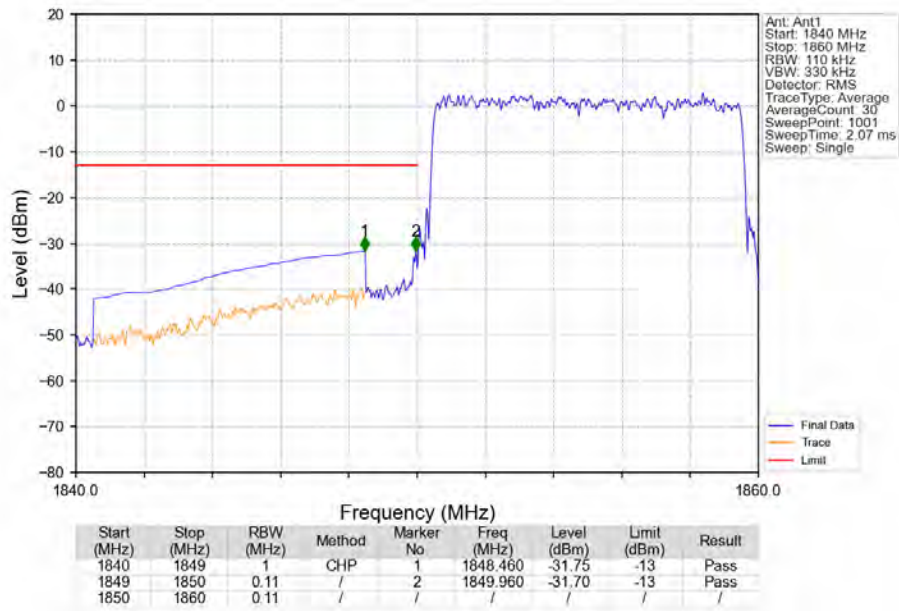
Band25\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



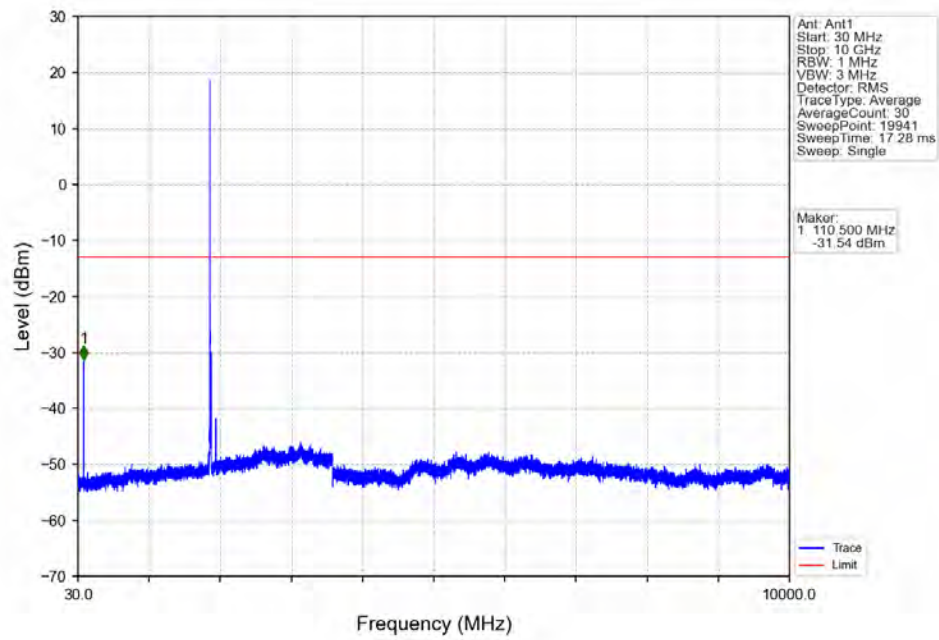
Band25 10MHz 16QAM LCH 1855MHz RB 1 0 NTV



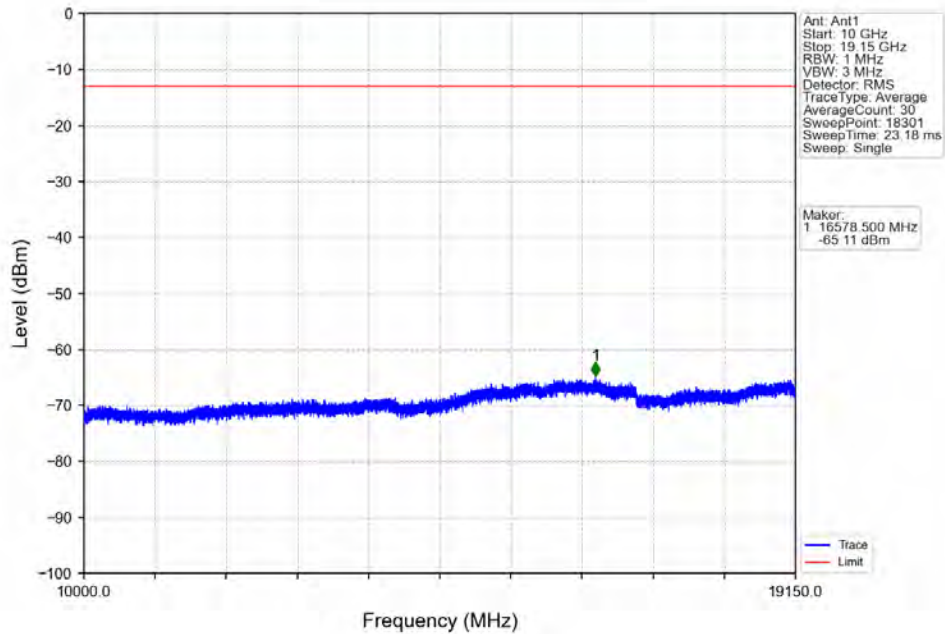
Band25 10MHz 16QAM LCH 1855MHz RB 50 0 NTV



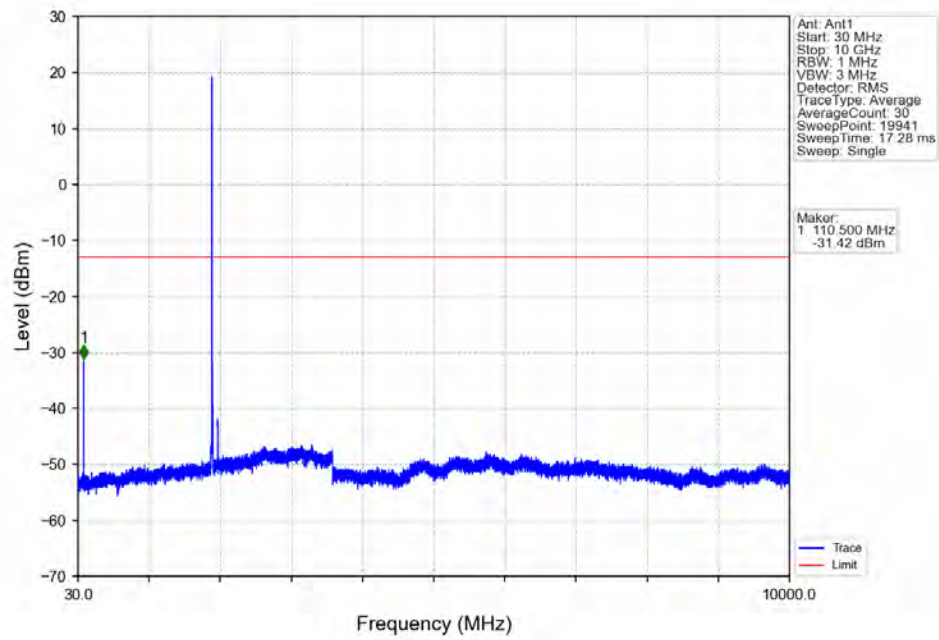
Band25 10MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



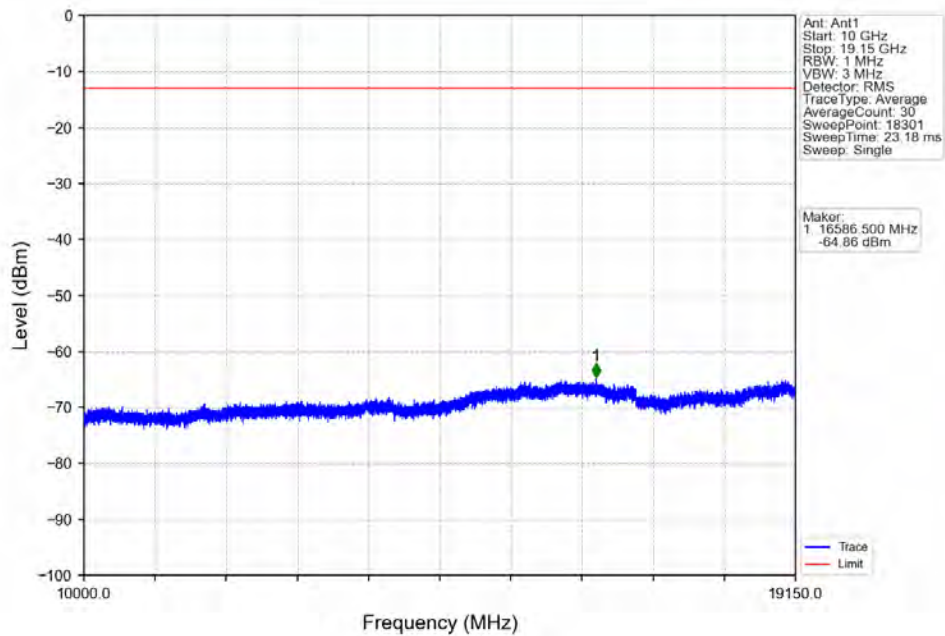
Band25 10MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



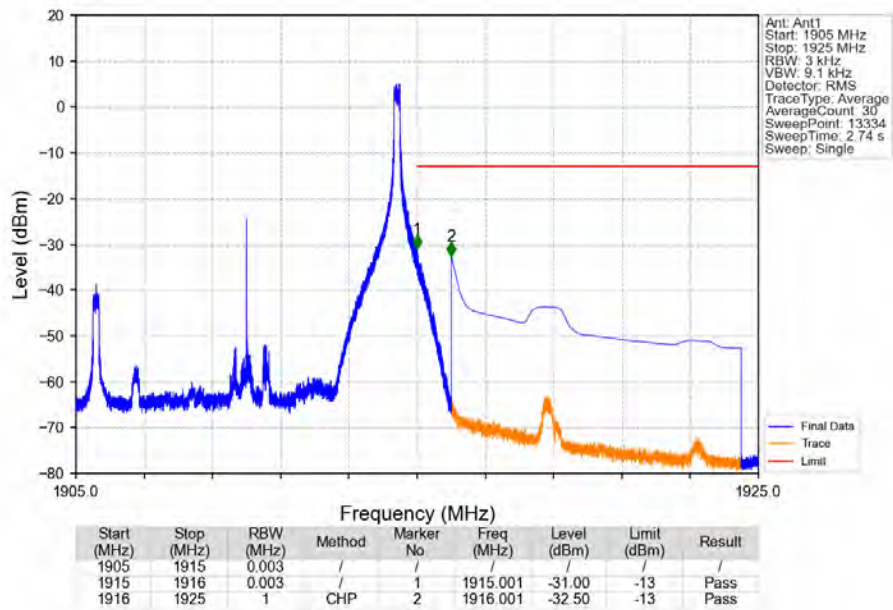
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_1\_0\_NTNV



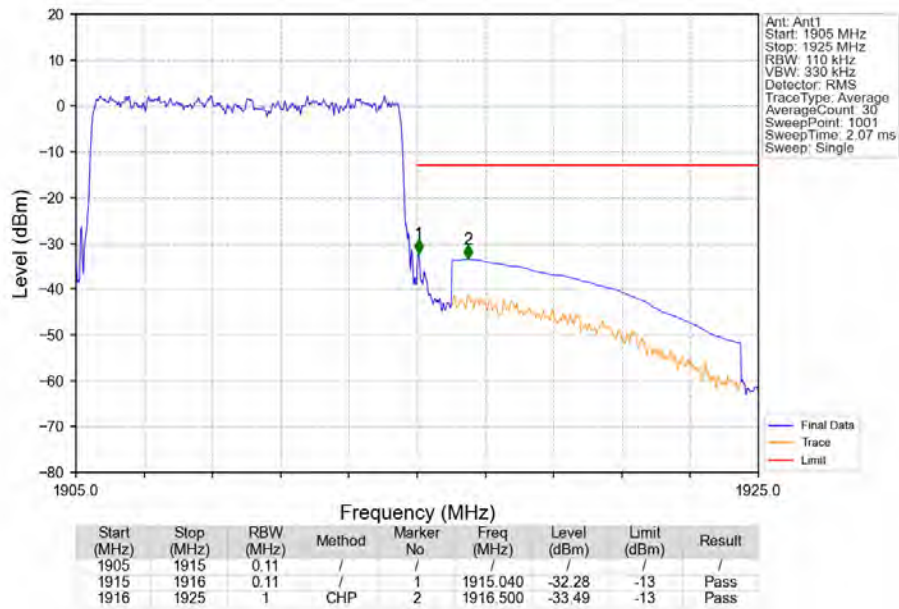
Band25\_10MHz\_16QAM\_HCH\_1910MHz\_RB\_1\_0\_NTNV



Band25 10MHz 16QAM HCH 1910MHz RB 1 49 NTNV



Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTNV

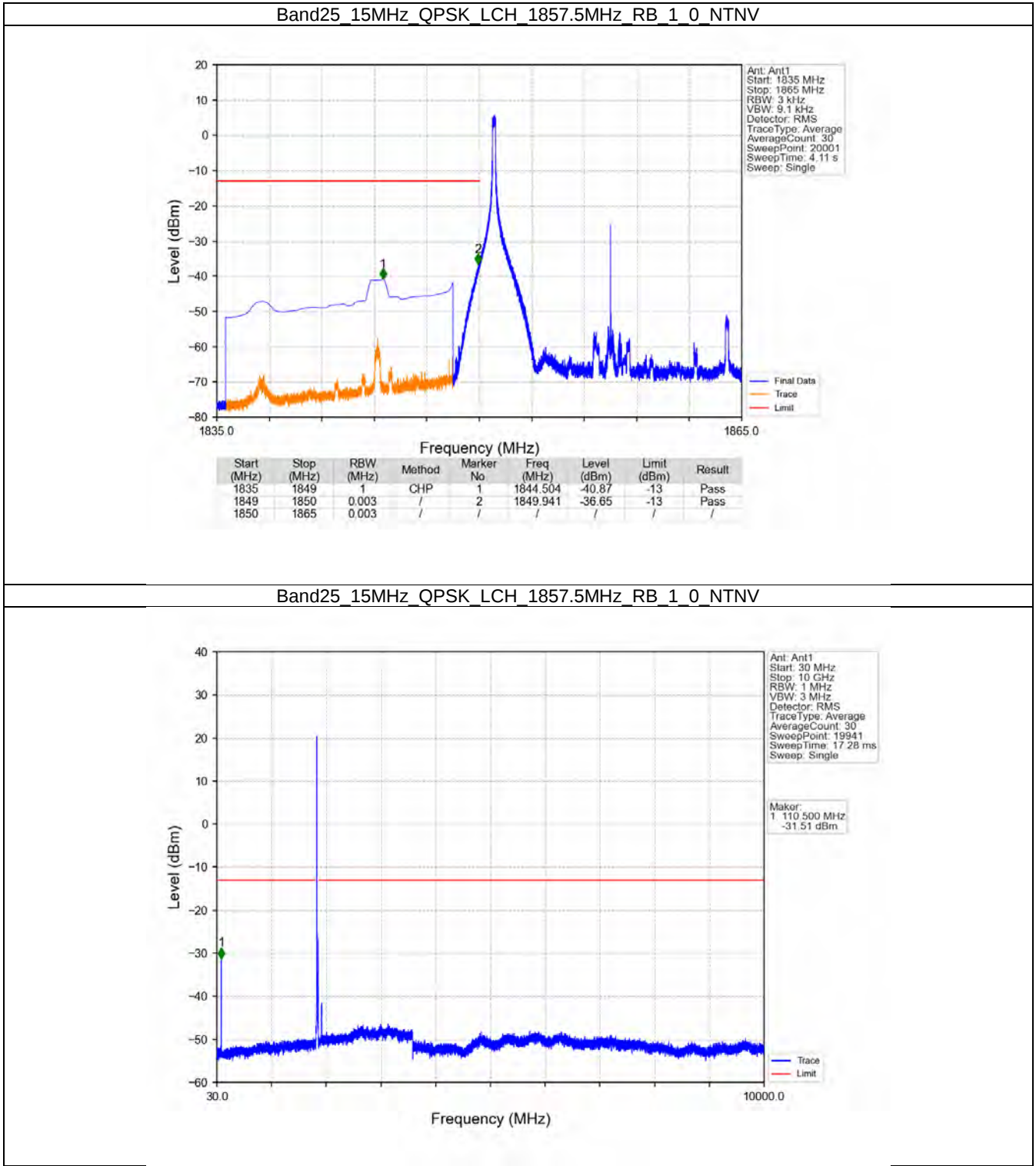


## 6.5 B25\_15MHz

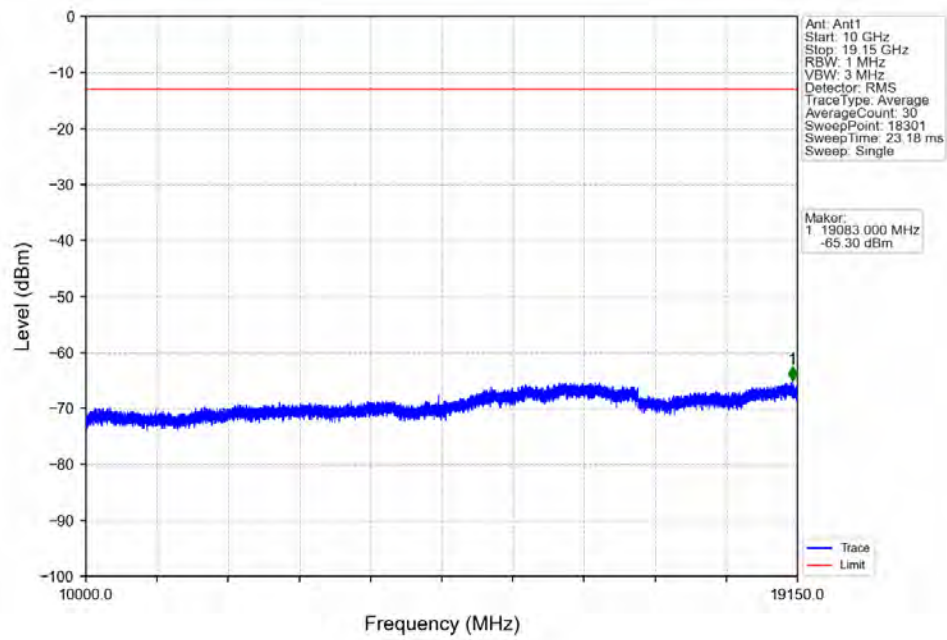
### 6.5.1 Test Result

| Band: 25 / 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    |
|                                   | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1907.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 1857.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1907.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

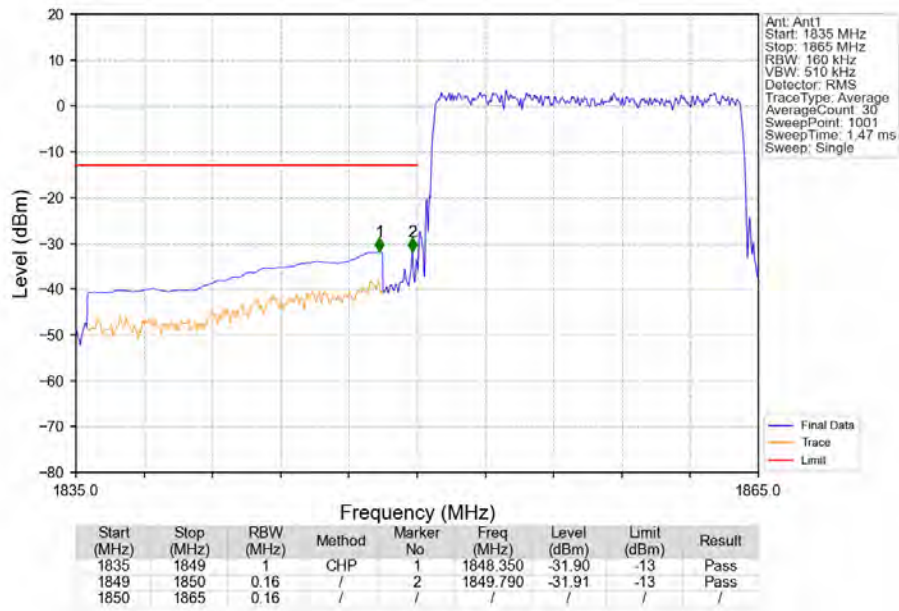
6.5.2 Test Graph



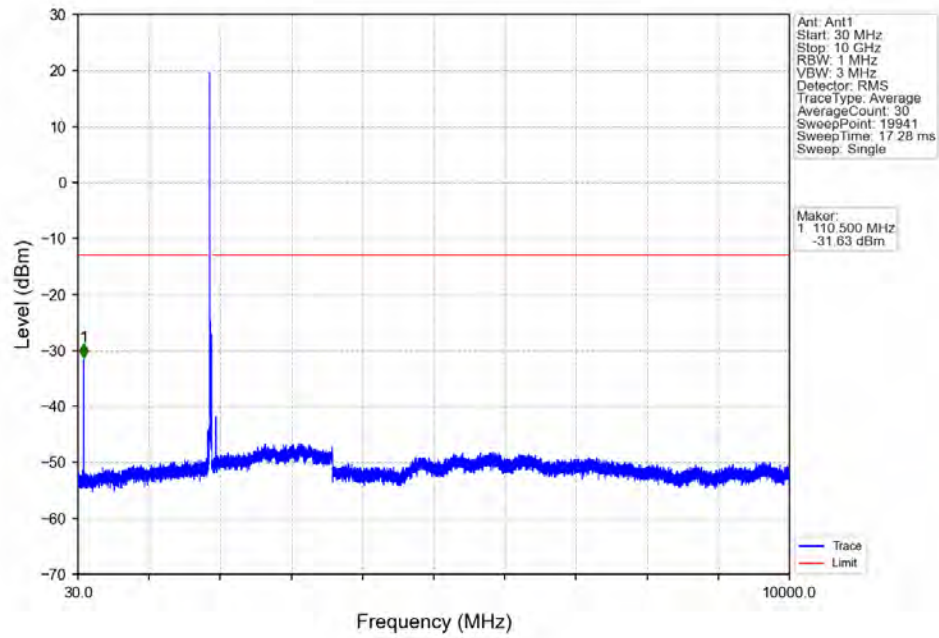
Band25 15MHz QPSK LCH 1857.5MHz RB 1 0 NTV



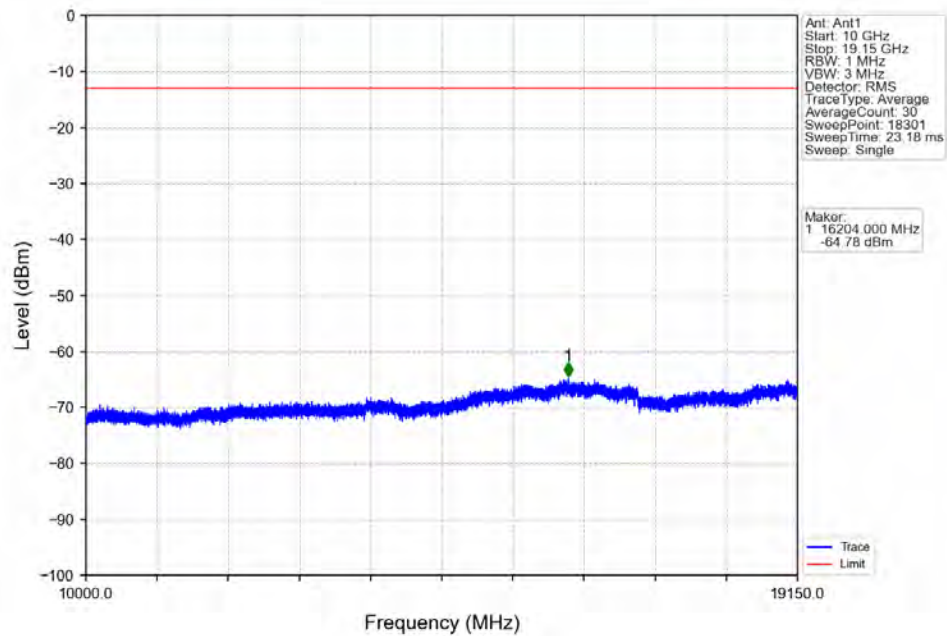
Band25 15MHz QPSK LCH 1857.5MHz RB 75 0 NTV



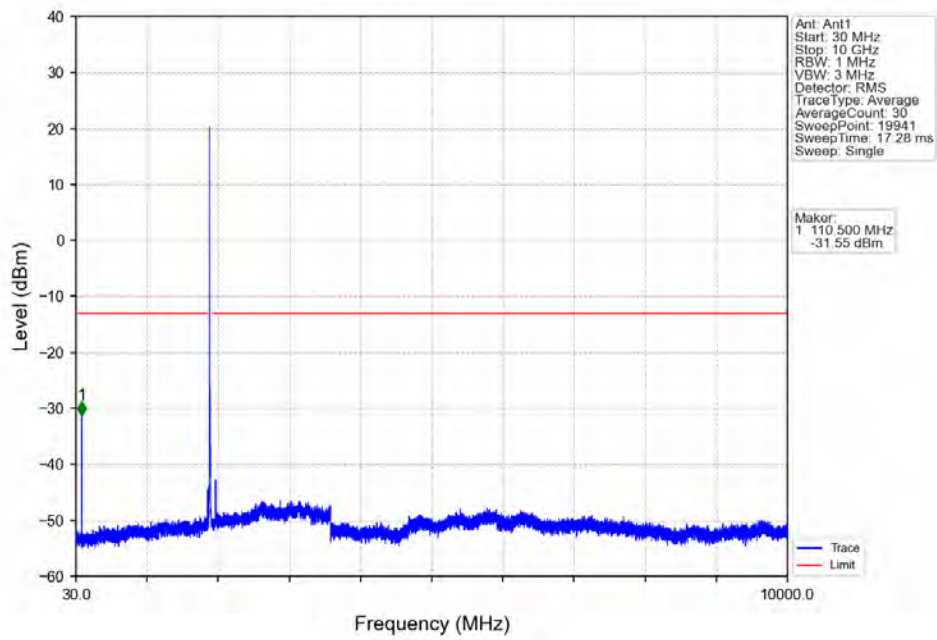
Band25 15MHz QPSK MCH 1882.5MHz RB 1 0 NTV



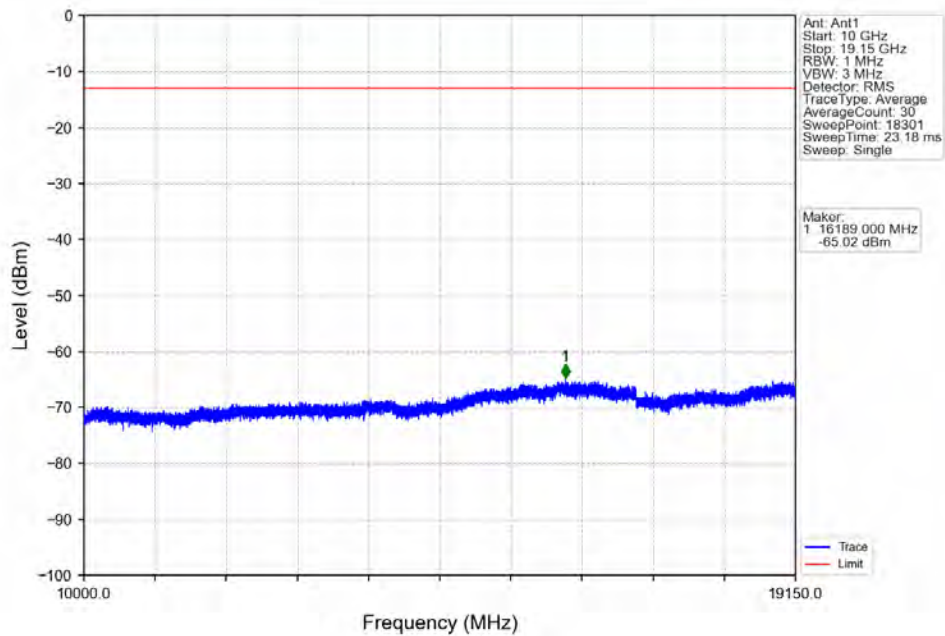
Band25 15MHz QPSK MCH 1882.5MHz RB 1 0 NTV



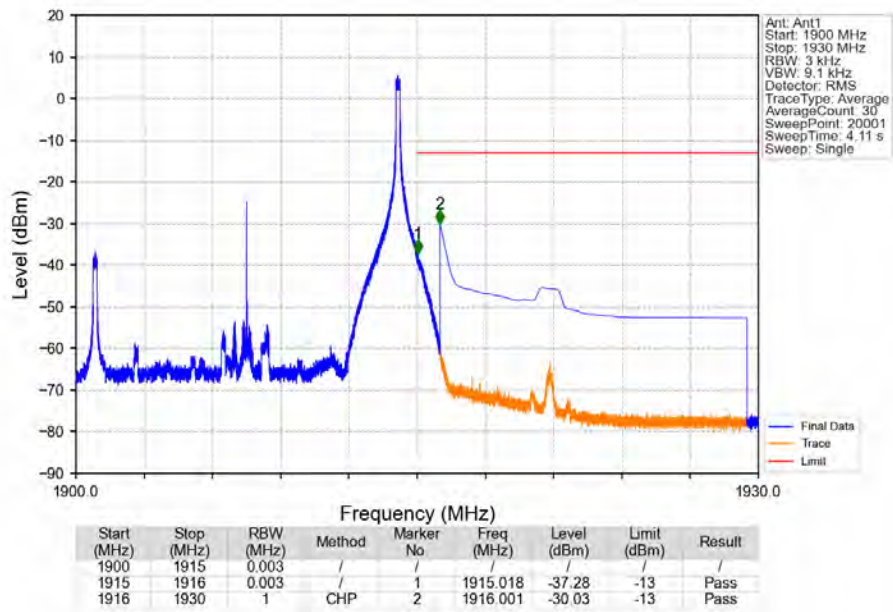
Band25 15MHz QPSK HCH 1907.5MHz RB 1 0 NTV



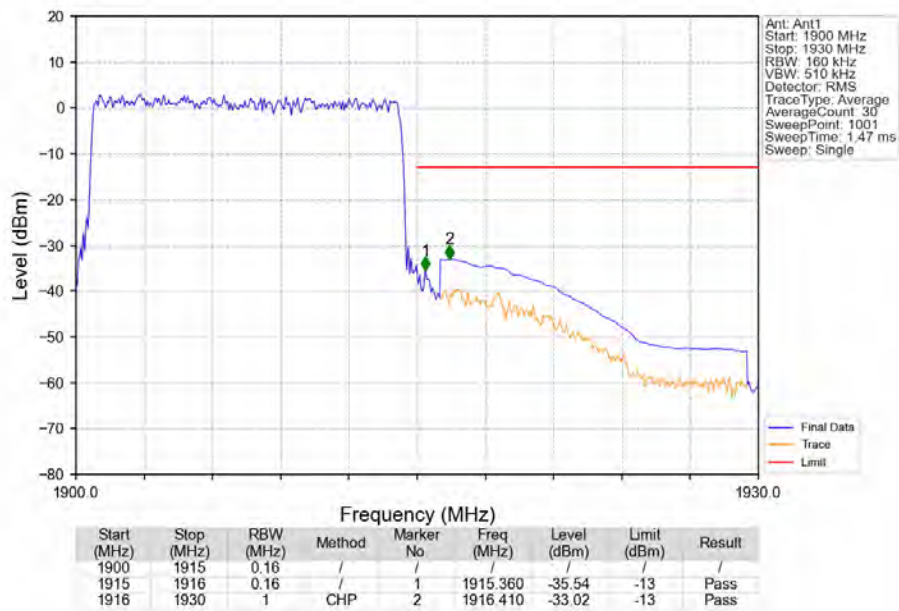
Band25 15MHz QPSK HCH 1907.5MHz RB 1 0 NTV



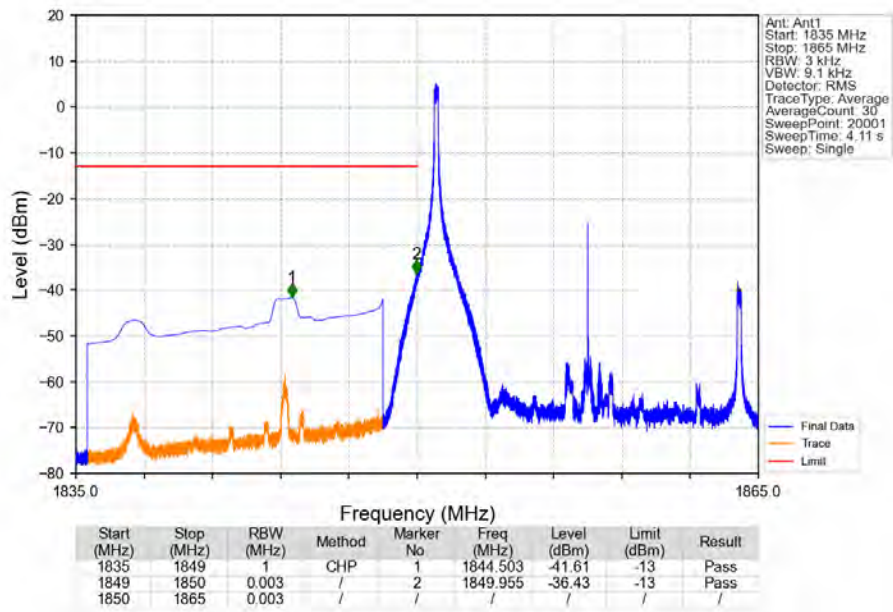
Band25 15MHz QPSK HCH 1907.5MHz RB 1 74 NTNV



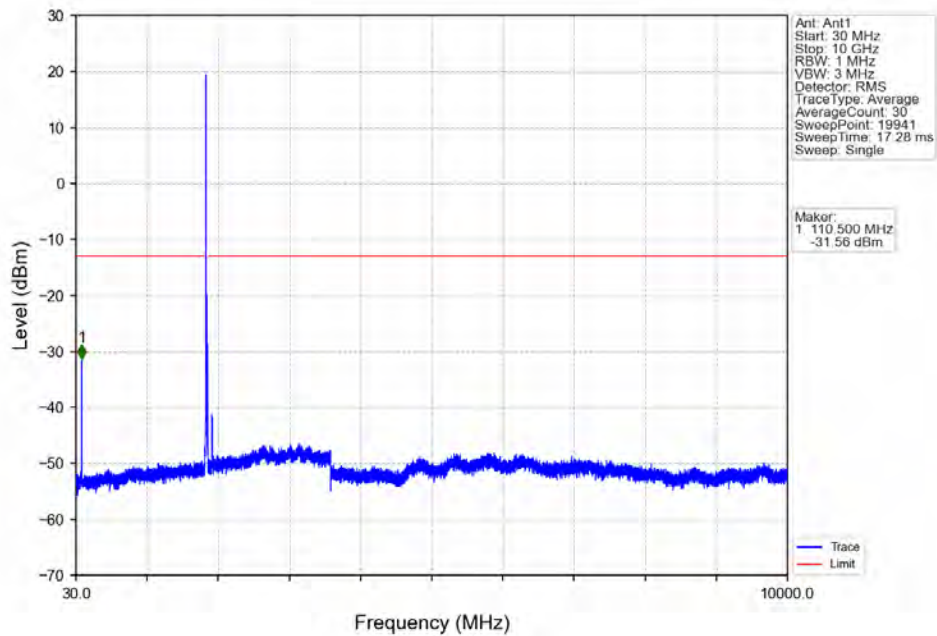
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV



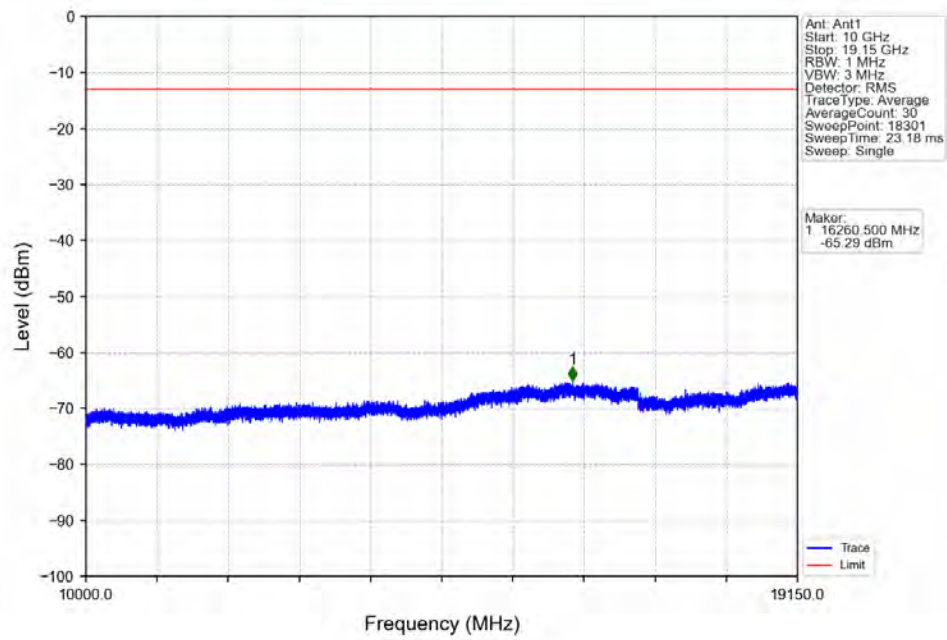
Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV



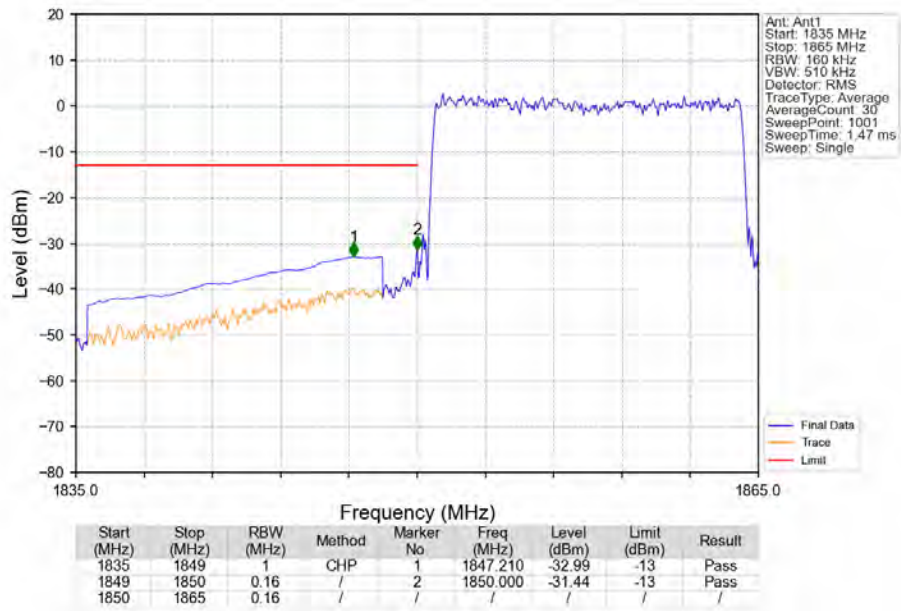
Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV



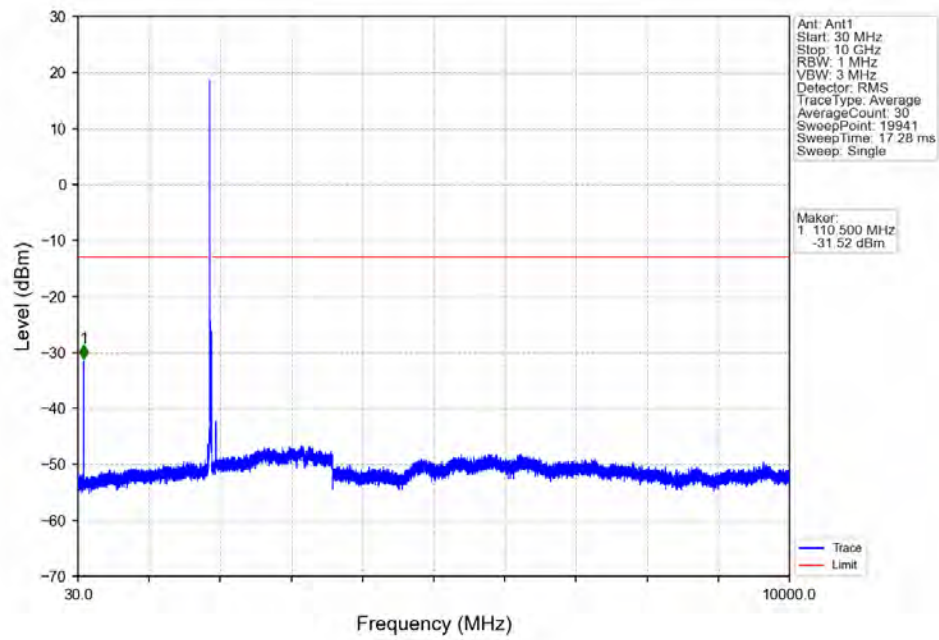
Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV



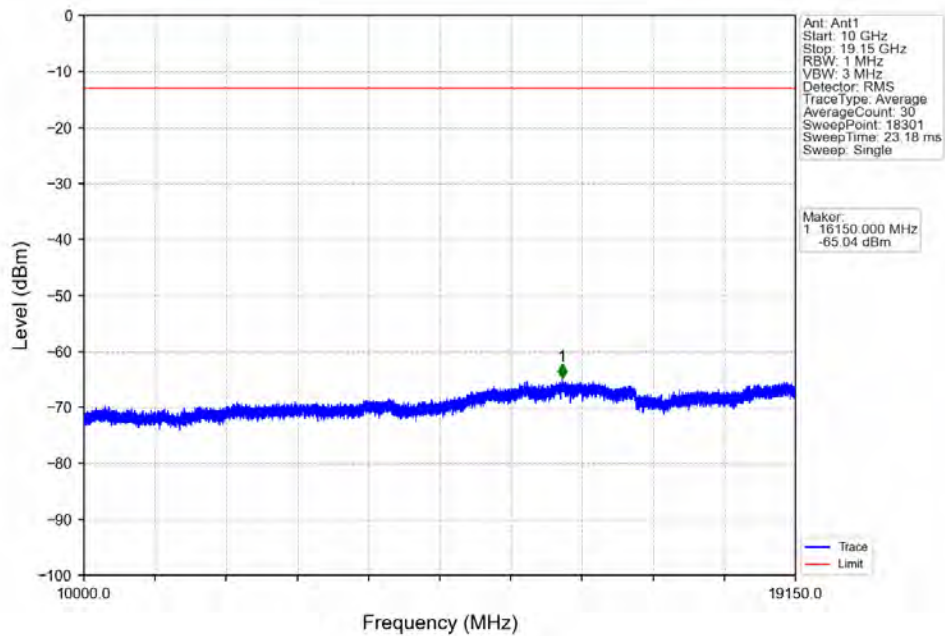
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



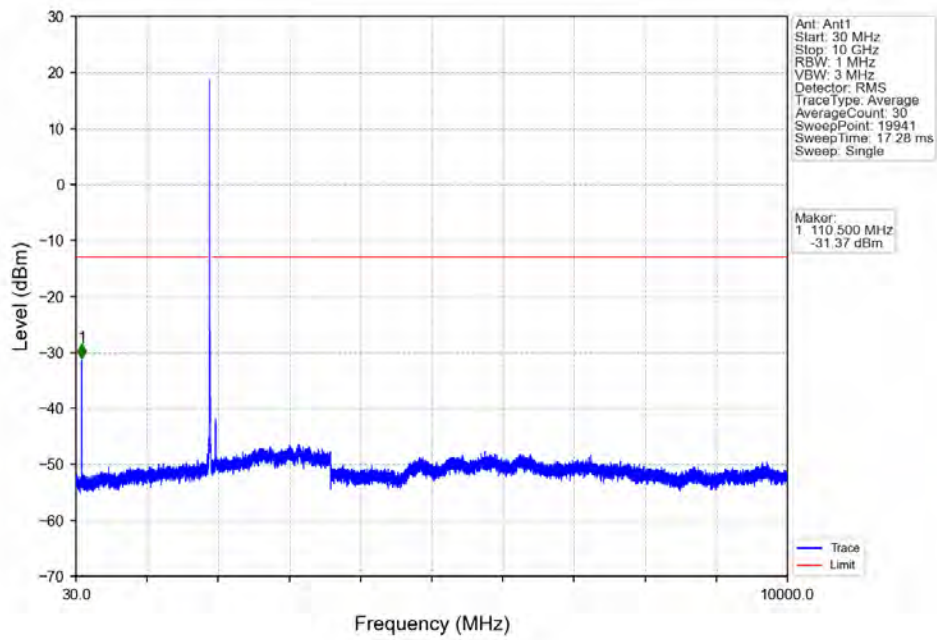
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



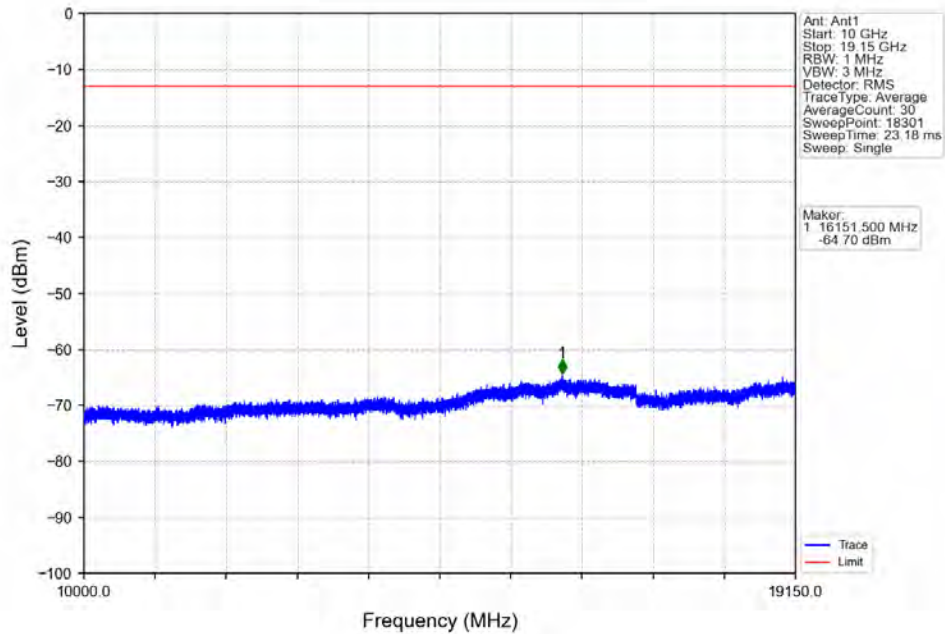
Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



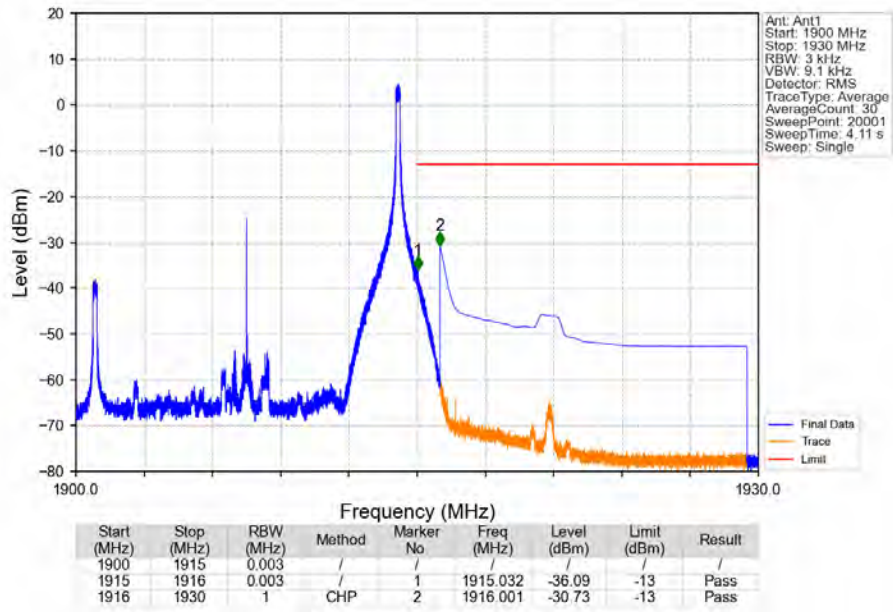
Band25 15MHz 16QAM HCH 1907.5MHz RB 1 0 NTNV



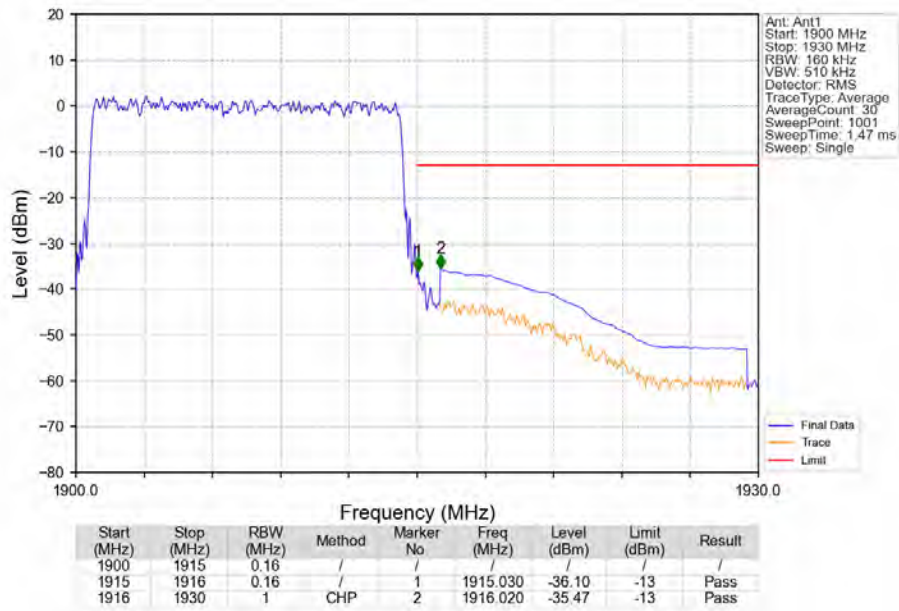
Band25 15MHz 16QAM HCH 1907.5MHz RB 1 0 NTNV



Band25 15MHz 16QAM HCH 1907.5MHz RB 1 74 NTNV



Band25 15MHz 16QAM HCH 1907.5MHz RB 75 0 NTNV

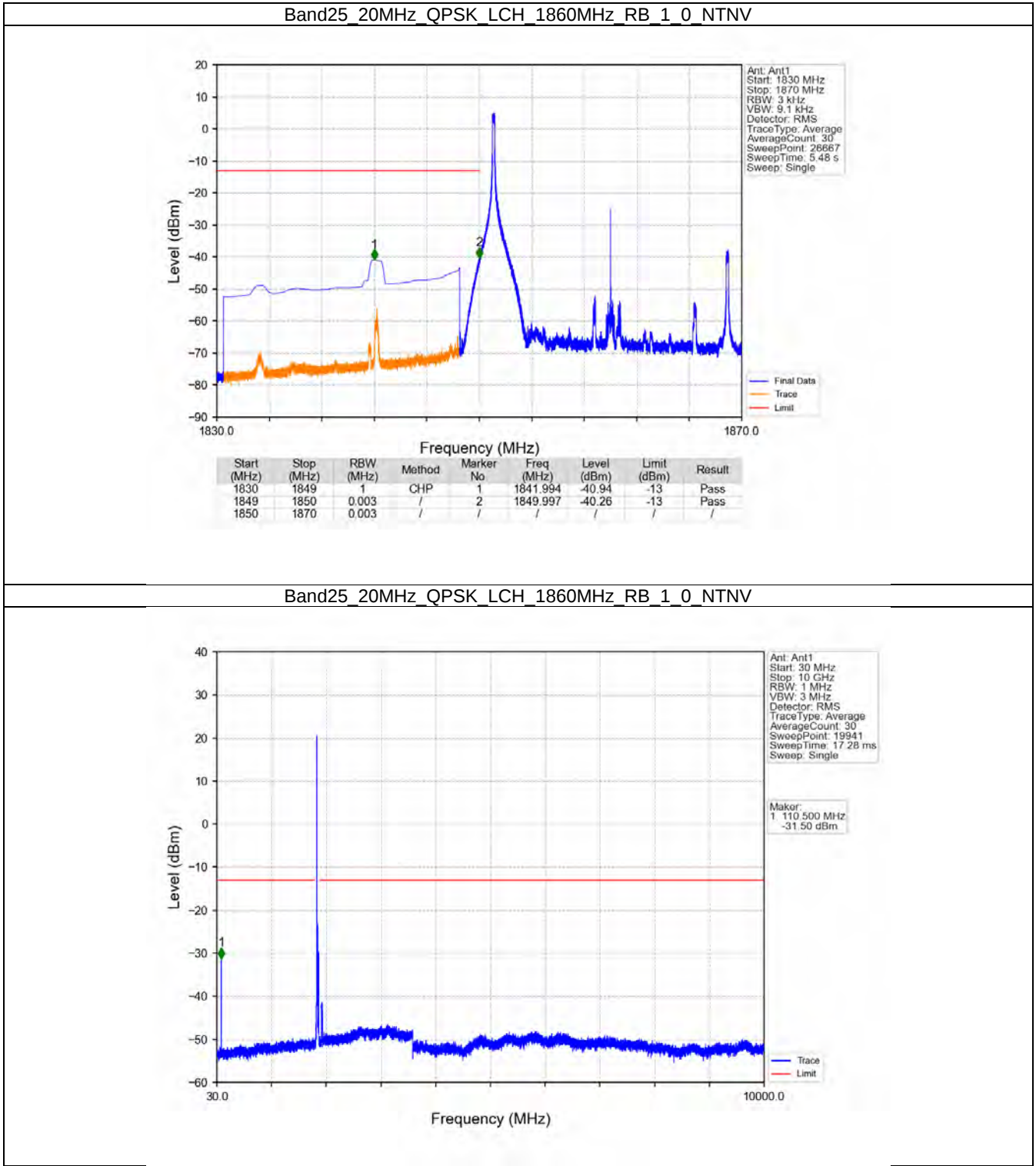


## 6.6 B25\_20MHz

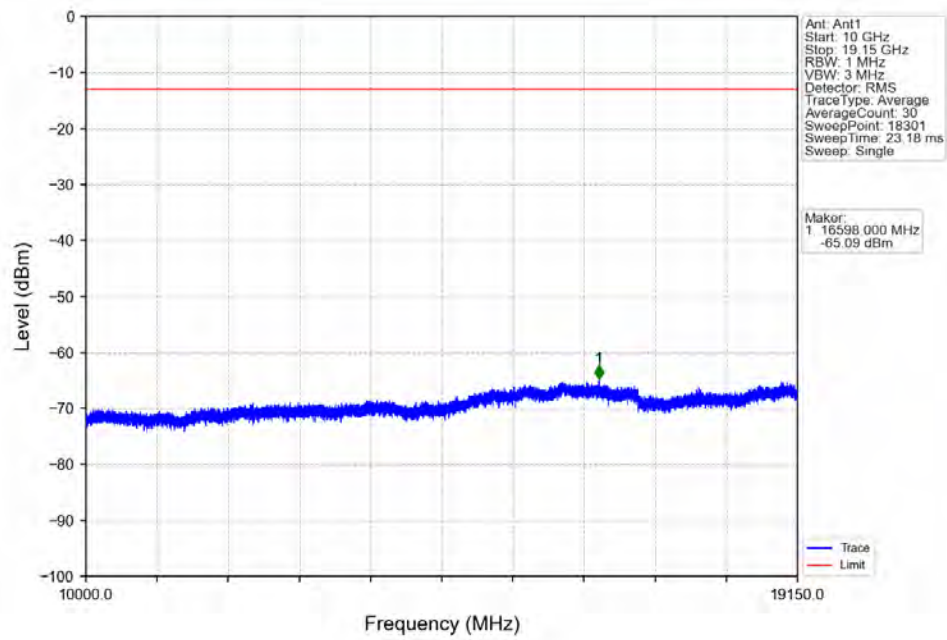
### 6.6.1 Test Result

| Band: 25 / 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    |
|                                   | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1905            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 1860            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1905            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

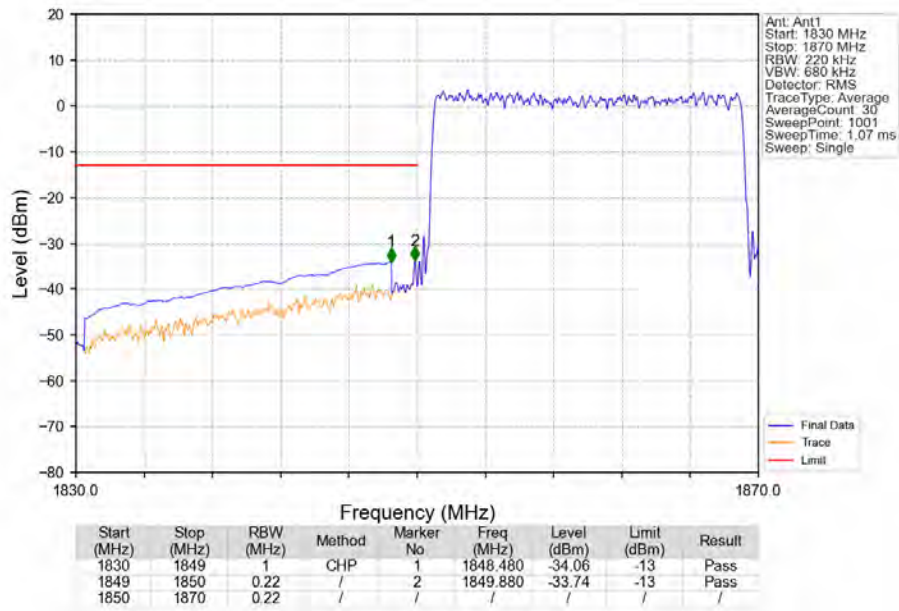
6.6.2 Test Graph



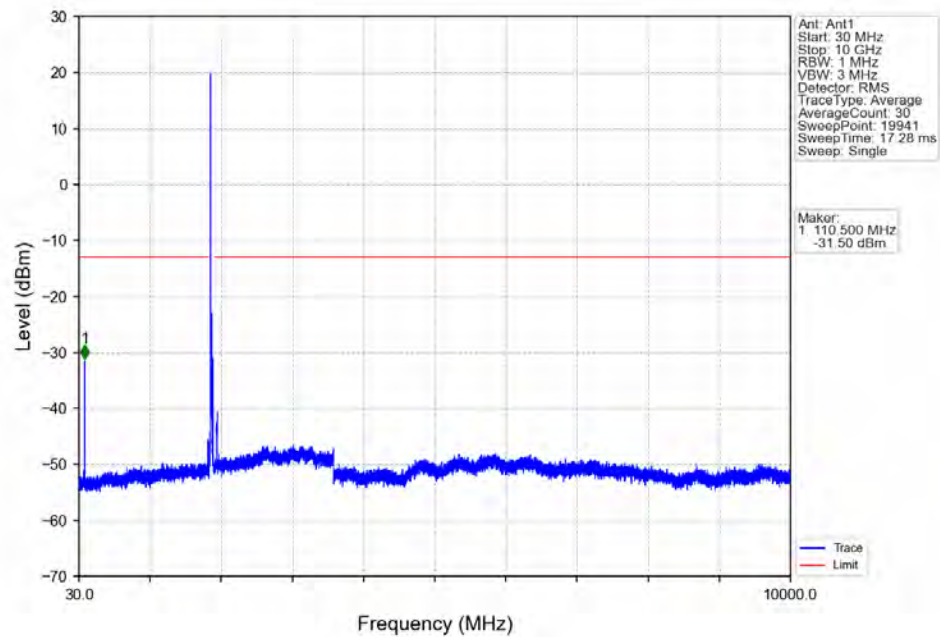
Band25 20MHz QPSK LCH 1860MHz RB 1 0 NTNV



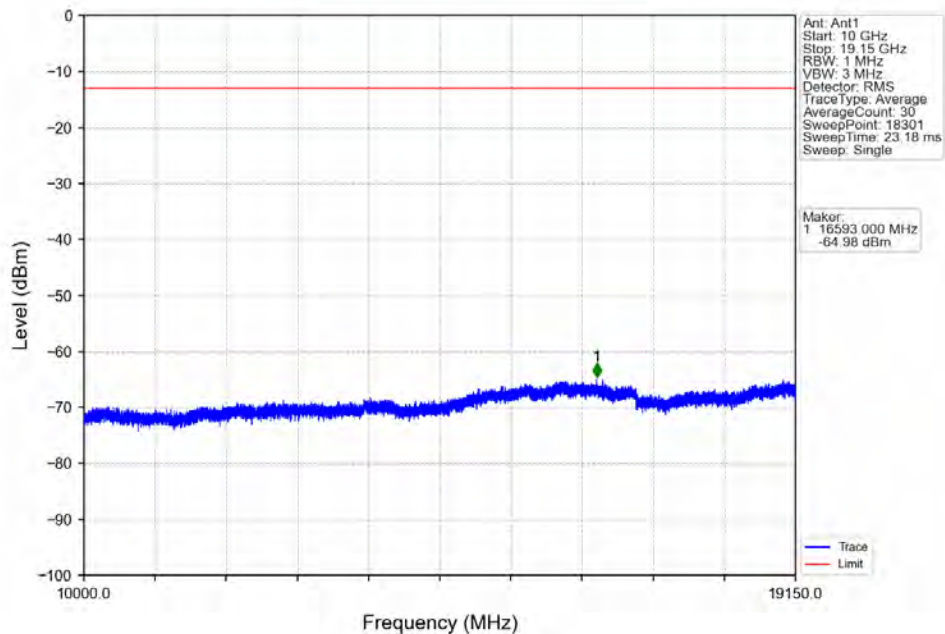
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



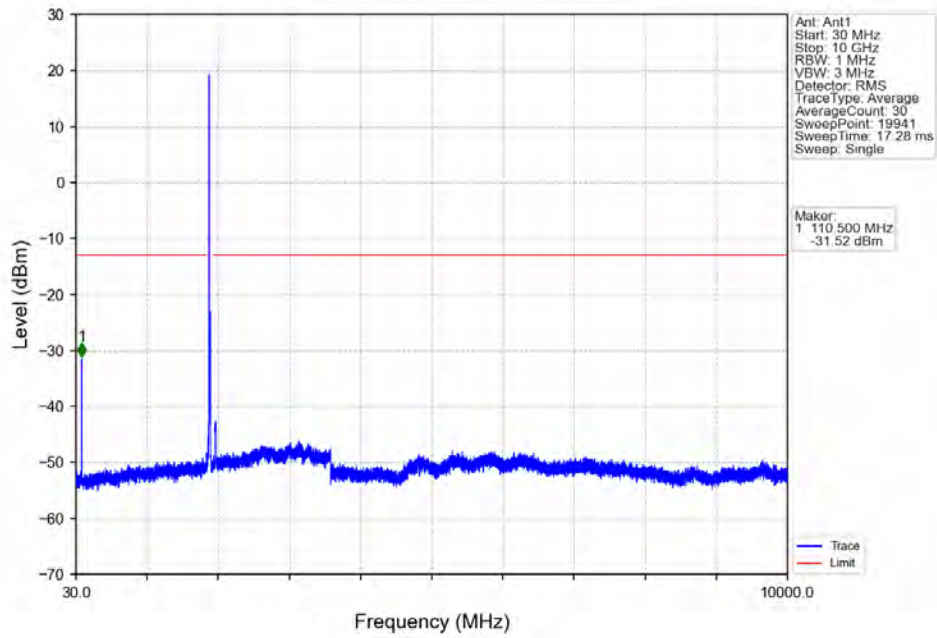
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



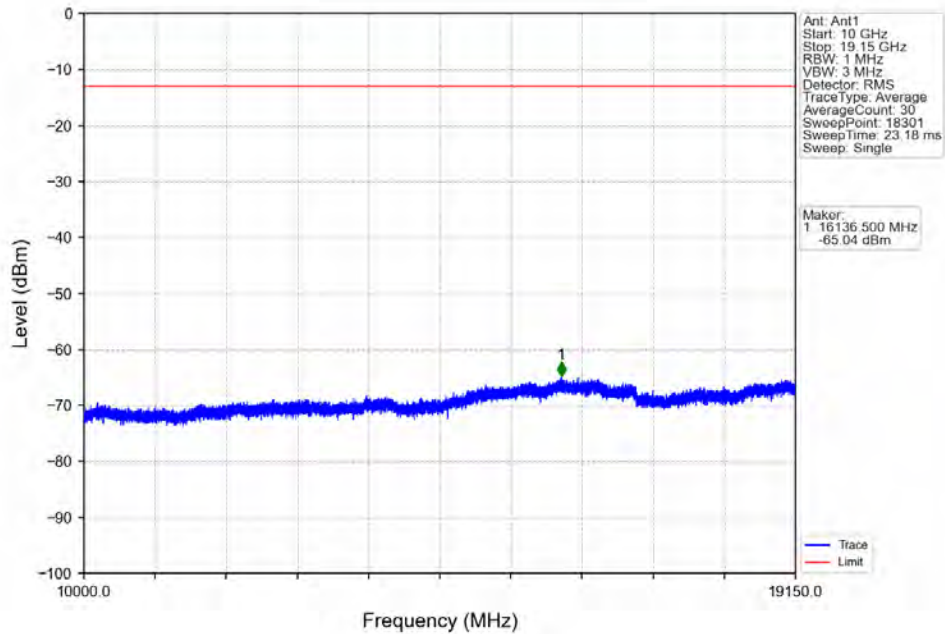
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



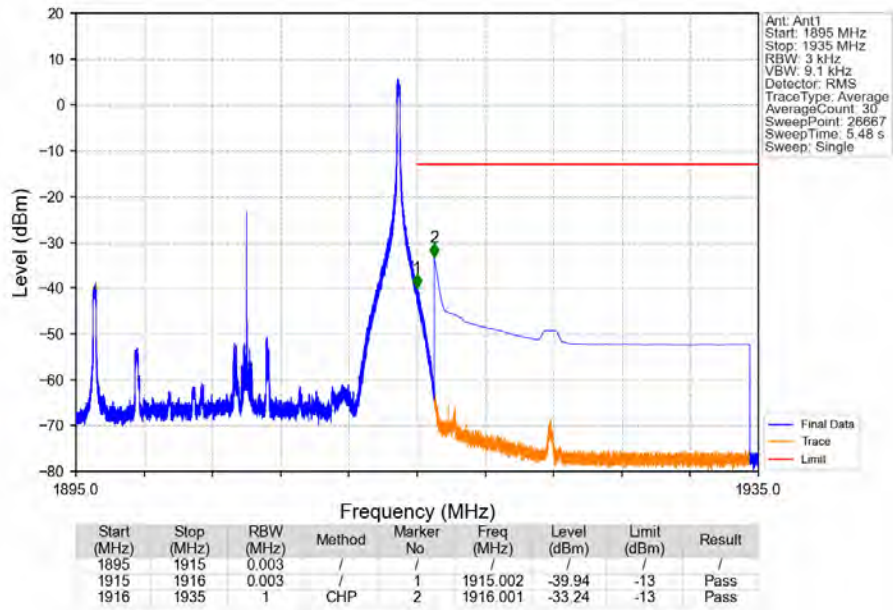
Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTNV



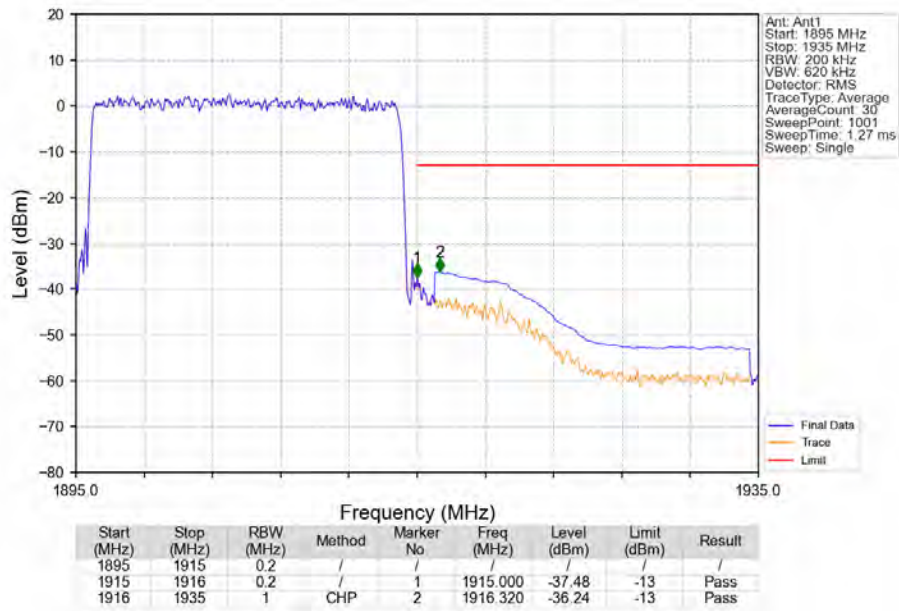
Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTNV



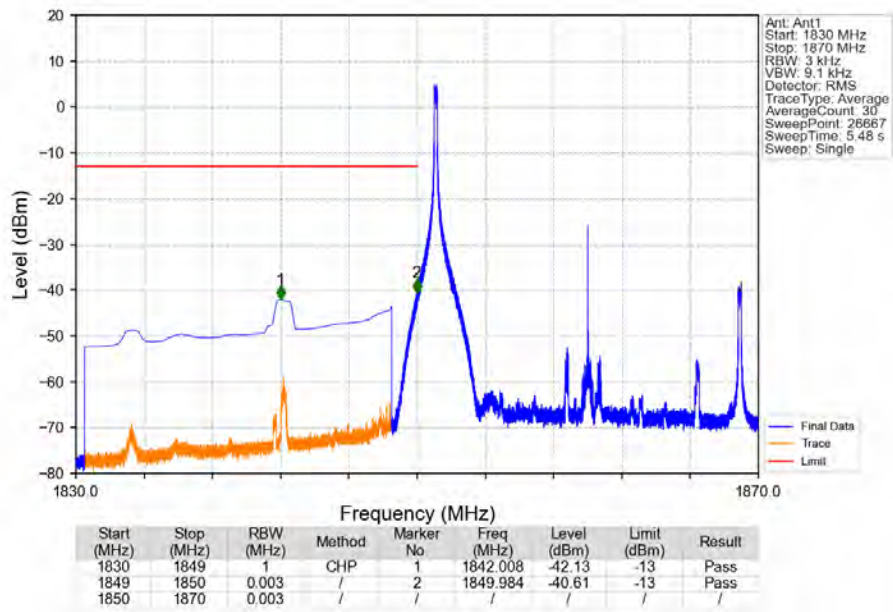
Band25 20MHz QPSK HCH 1905MHz RB 1 99\_NTNV



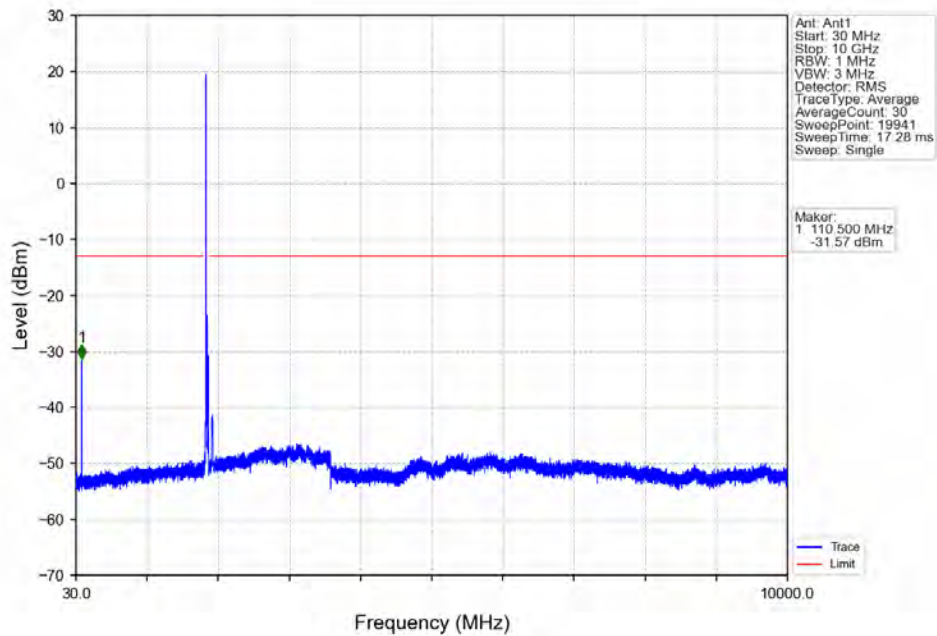
Band25 20MHz QPSK HCH 1905MHz RB 100 0\_NTNV



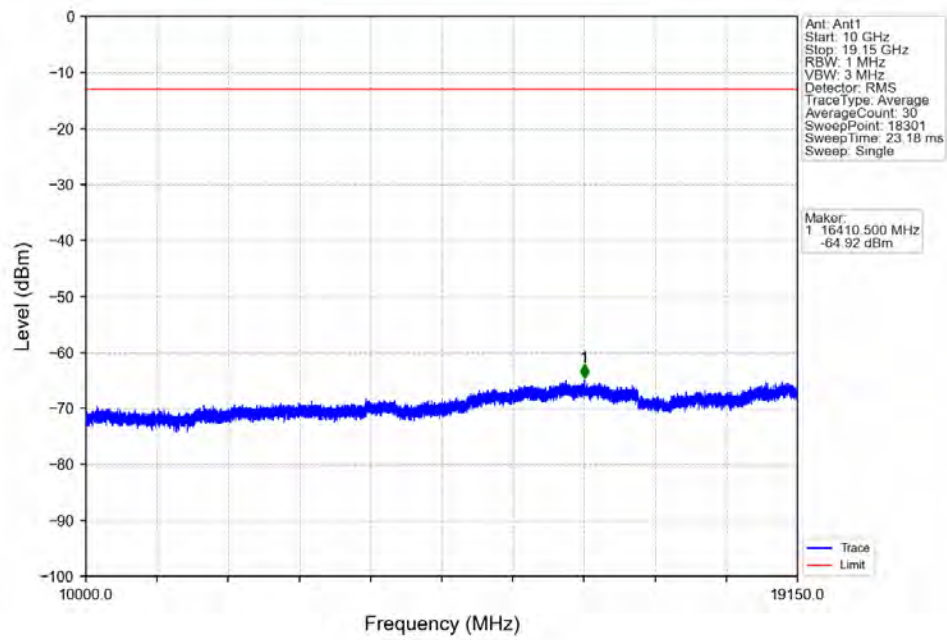
Band25 20MHz 16QAM LCH 1860MHz RB 1 0 NTV



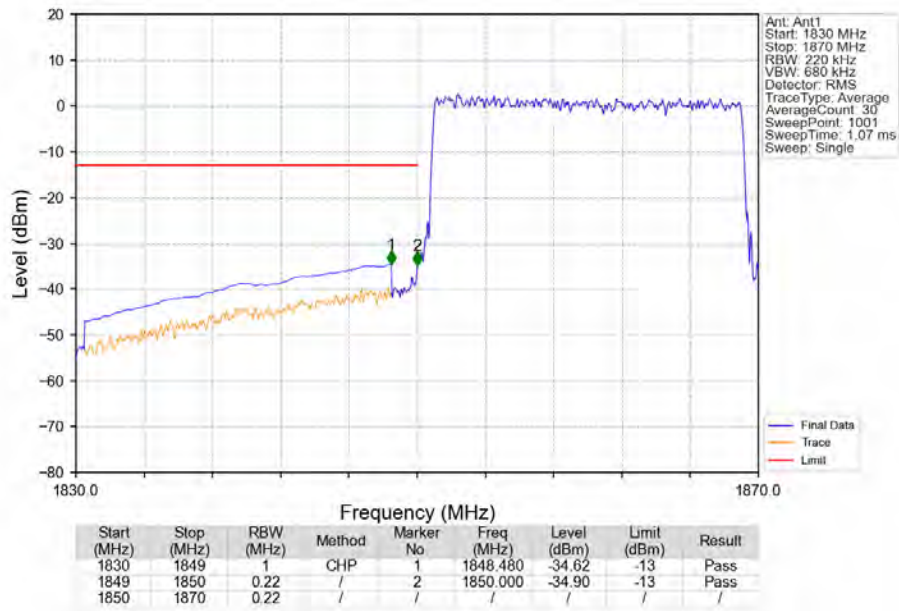
Band25 20MHz 16QAM LCH 1860MHz RB 1 0 NTV



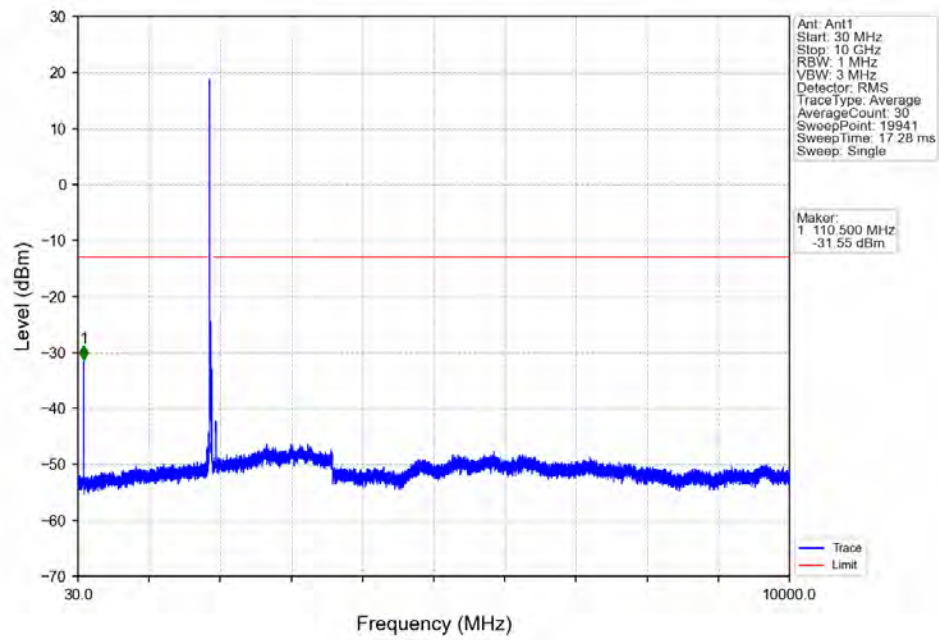
Band25 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV



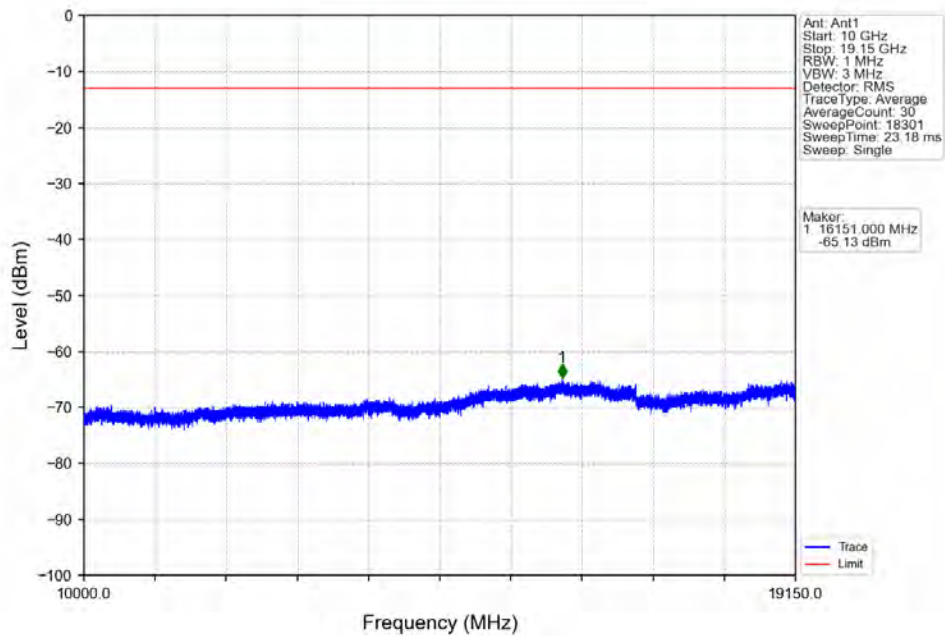
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



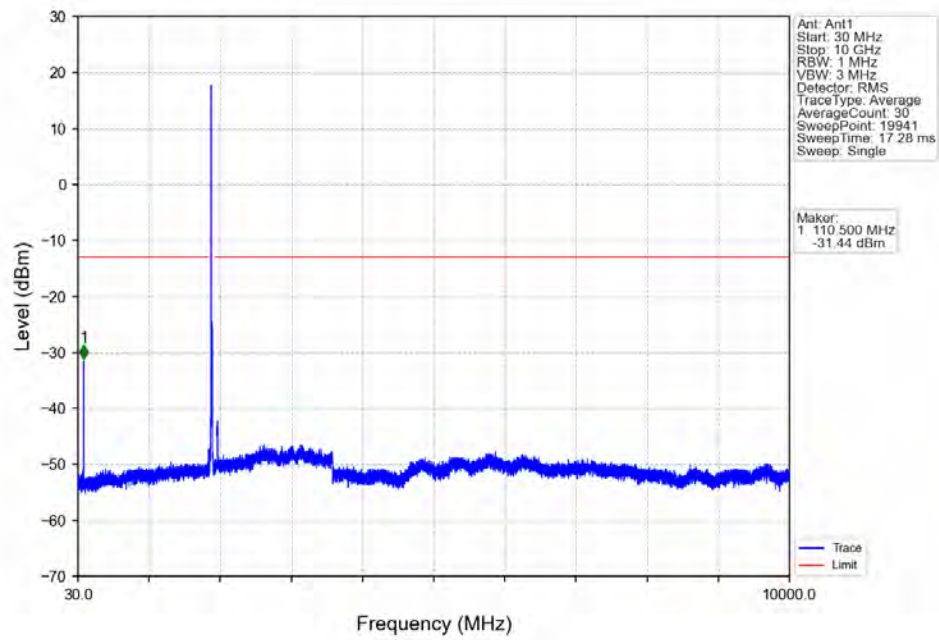
Band25 20MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



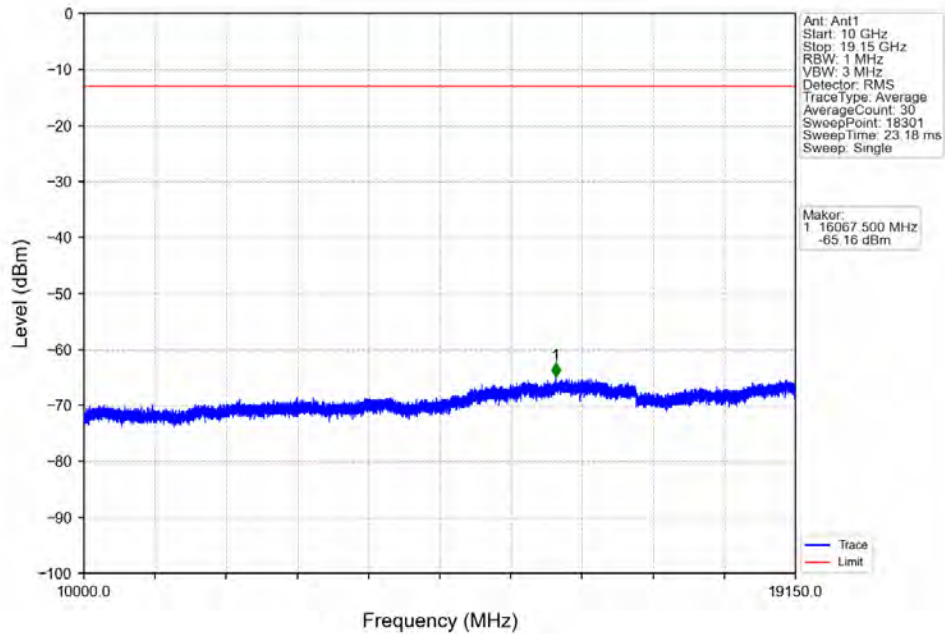
Band25 20MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



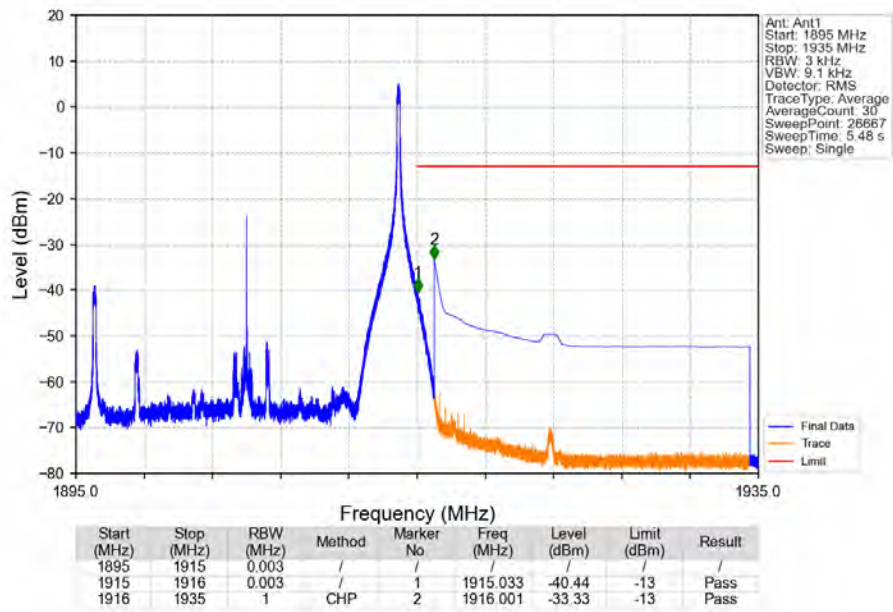
Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



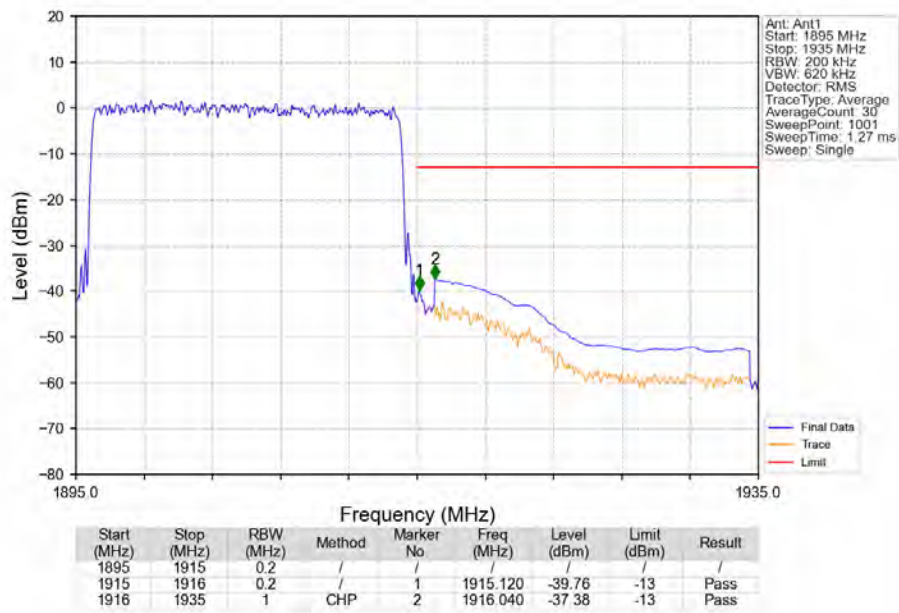
Band25\_20MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



Band25 20MHz 16QAM HCH 1905MHz RB 1 99 NTNV



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



## 7. Form731

### 7.1 Form731\_Power

#### 7.1.1 Test Result

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 25   | 1.4 | 1850.7     | 1914.3    | 0.1698        | 0.0103 | ppm    | 1M13G7D             | 24E        | 22.30           |
| 25   | 1.4 | 1850.7     | 1914.3    | 0.1371        | 0.0094 | ppm    | 1M11W7D             | 24E        | 21.37           |
| 25   | 3   | 1851.5     | 1913.5    | 0.1730        | 0.0087 | ppm    | 2M73G7D             | 24E        | 22.38           |
| 25   | 3   | 1851.5     | 1913.5    | 0.1390        | 0.0102 | ppm    | 2M73W7D             | 24E        | 21.43           |
| 25   | 5   | 1852.5     | 1912.5    | 0.1514        | 0.0120 | ppm    | 4M57G7D             | 24E        | 21.80           |
| 25   | 5   | 1852.5     | 1912.5    | 0.1233        | 0.0090 | ppm    | 4M57W7D             | 24E        | 20.91           |
| 25   | 10  | 1855       | 1910      | 0.1503        | 0.0111 | ppm    | 9M10G7D             | 24E        | 21.77           |
| 25   | 10  | 1855       | 1910      | 0.1303        | 0.0074 | ppm    | 9M10W7D             | 24E        | 21.15           |
| 25   | 15  | 1857.5     | 1907.5    | 0.1472        | 0.0104 | ppm    | 13M6G7D             | 24E        | 21.68           |
| 25   | 15  | 1857.5     | 1907.5    | 0.1279        | 0.0081 | ppm    | 13M6W7D             | 24E        | 21.07           |
| 25   | 20  | 1860       | 1905      | 0.1442        | 0.0071 | ppm    | 18M2G7D             | 24E        | 21.59           |
| 25   | 20  | 1860       | 1905      | 0.1306        | 0.0083 | ppm    | 18M2W7D             | 24E        | 21.16           |

## 7.2 Form731\_EIRP

#### 7.2.1 Test Result

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 25   | 1.4 | 1850.7     | 1914.3    | 0.1770        | 0.0103 | ppm    | 1M13G7D             | 24E        | 22.48           |
| 25   | 1.4 | 1850.7     | 1914.3    | 0.1429        | 0.0094 | ppm    | 1M11W7D             | 24E        | 21.55           |
| 25   | 3   | 1851.5     | 1913.5    | 0.1803        | 0.0087 | ppm    | 2M73G7D             | 24E        | 22.56           |
| 25   | 3   | 1851.5     | 1913.5    | 0.1449        | 0.0102 | ppm    | 2M73W7D             | 24E        | 21.61           |
| 25   | 5   | 1852.5     | 1912.5    | 0.1578        | 0.0120 | ppm    | 4M57G7D             | 24E        | 21.98           |
| 25   | 5   | 1852.5     | 1912.5    | 0.1285        | 0.0090 | ppm    | 4M57W7D             | 24E        | 21.09           |
| 25   | 10  | 1855       | 1910      | 0.1567        | 0.0111 | ppm    | 9M10G7D             | 24E        | 21.95           |
| 25   | 10  | 1855       | 1910      | 0.1358        | 0.0074 | ppm    | 9M10W7D             | 24E        | 21.33           |
| 25   | 15  | 1857.5     | 1907.5    | 0.1535        | 0.0104 | ppm    | 13M6G7D             | 24E        | 21.86           |
| 25   | 15  | 1857.5     | 1907.5    | 0.1334        | 0.0081 | ppm    | 13M6W7D             | 24E        | 21.25           |
| 25   | 20  | 1860       | 1905      | 0.1503        | 0.0071 | ppm    | 18M2G7D             | 24E        | 21.77           |
| 25   | 20  | 1860       | 1905      | 0.1361        | 0.0083 | ppm    | 18M2W7D             | 24E        | 21.34           |