

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B2\_1.4MHz\_EIRP

### 1.1.1 Test Result

| Band: 2 / Bandwidth: 1.4MHz / NTV        |                 |               |        |                       |            |            |         |         |
|------------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                               | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dbi) | EIRP (dBm) |         | Verdict |
|                                          |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                                     | 1850.7          | 1             | 0      | 24.10                 | 0.34       | 24.44      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 24.10                 | 0.34       | 24.44      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 24.14                 | 0.34       | 24.48      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 24.28                 | 0.34       | 24.62      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 24.28                 | 0.34       | 24.62      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 24.27                 | 0.34       | 24.61      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 23.39                 | 0.34       | 23.73      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 24.29                 | 0.34       | 24.63      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 24.25                 | 0.34       | 24.59      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 24.30                 | 0.34       | 24.64      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 24.39                 | 0.34       | 24.73      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 24.37                 | 0.34       | 24.71      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 24.35                 | 0.34       | 24.69      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 23.42                 | 0.34       | 23.76      | <=33.01 | Pass    |
|                                          | 1909.3          | 1             | 0      | 24.19                 | 0.34       | 24.53      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 24.19                 | 0.34       | 24.53      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 24.19                 | 0.34       | 24.53      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 24.30                 | 0.34       | 24.64      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 24.37                 | 0.34       | 24.71      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 24.34                 | 0.34       | 24.68      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 23.41                 | 0.34       | 23.75      | <=33.01 | Pass    |
| 16QAM                                    | 1850.7          | 1             | 0      | 23.43                 | 0.34       | 23.77      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 23.45                 | 0.34       | 23.79      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 23.46                 | 0.34       | 23.80      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 23.57                 | 0.34       | 23.91      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 23.60                 | 0.34       | 23.94      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 23.62                 | 0.34       | 23.96      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 22.39                 | 0.34       | 22.73      | <=33.01 | Pass    |
|                                          | 1880            | 1             | 0      | 23.60                 | 0.34       | 23.94      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 23.55                 | 0.34       | 23.89      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 23.59                 | 0.34       | 23.93      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 23.33                 | 0.34       | 23.67      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 23.31                 | 0.34       | 23.65      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 23.33                 | 0.34       | 23.67      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 22.59                 | 0.34       | 22.93      | <=33.01 | Pass    |
|                                          | 1909.3          | 1             | 0      | 23.44                 | 0.34       | 23.78      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 23.41                 | 0.34       | 23.75      | <=33.01 | Pass    |
|                                          |                 |               | 5      | 23.47                 | 0.34       | 23.81      | <=33.01 | Pass    |
|                                          |                 | 3             | 0      | 23.43                 | 0.34       | 23.77      | <=33.01 | Pass    |
|                                          |                 |               | 2      | 23.41                 | 0.34       | 23.75      | <=33.01 | Pass    |
|                                          |                 |               | 3      | 23.40                 | 0.34       | 23.74      | <=33.01 | Pass    |
|                                          |                 | 6             | 0      | 22.33                 | 0.34       | 22.67      | <=33.01 | Pass    |
| Note1: EIRP=Conducted Power+Antenna Gain |                 |               |        |                       |            |            |         |         |

## 1.2 B2\_3MHz\_EIRP

## 1.2.1 Test Result

| Band: 2 / Bandwidth: 3MHz / NTNV |                                          |               |        |                          |               |            |         |         |         |      |
|----------------------------------|------------------------------------------|---------------|--------|--------------------------|---------------|------------|---------|---------|---------|------|
| Modulation                       | Frequency<br>(MHz)                       | RB Allocation |        | Conducted Power<br>(dBm) | Gain<br>(dbi) | EIRP (dBm) |         | Verdict |         |      |
|                                  |                                          | Size          | Offset |                          |               | Result     | Limit   |         |         |      |
| QPSK                             | 1851.5                                   | 1             | 0      | 24.39                    | 0.34          | 24.73      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 7      | 24.37                    | 0.34          | 24.71      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 14     | 24.39                    | 0.34          | 24.73      | <=33.01 | Pass    |         |      |
|                                  |                                          | 8             | 0      | 23.45                    | 0.34          | 23.79      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 4      | 23.44                    | 0.34          | 23.78      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 7      | 23.42                    | 0.34          | 23.76      | <=33.01 | Pass    |         |      |
|                                  |                                          | 15            | 0      | 23.49                    | 0.34          | 23.83      | <=33.01 | Pass    |         |      |
|                                  |                                          | 1880          | 1      | 0                        | 24.26         | 0.34       | 24.60   | <=33.01 | Pass    |      |
|                                  |                                          |               |        | 7                        | 24.17         | 0.34       | 24.51   | <=33.01 | Pass    |      |
|                                  | 14                                       |               |        | 24.01                    | 0.34          | 24.35      | <=33.01 | Pass    |         |      |
|                                  | 8                                        |               | 0      | 23.46                    | 0.34          | 23.80      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 4      | 23.39                    | 0.34          | 23.73      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 7      | 23.41                    | 0.34          | 23.75      | <=33.01 | Pass    |         |      |
|                                  | 15                                       | 0             | 23.43  | 0.34                     | 23.77         | <=33.01    | Pass    |         |         |      |
|                                  | 1908.5                                   | 1             | 0      | 23.91                    | 0.34          | 24.25      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 7      | 23.77                    | 0.34          | 24.11      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 14     | 23.78                    | 0.34          | 24.12      | <=33.01 | Pass    |         |      |
|                                  |                                          | 8             | 0      | 23.46                    | 0.34          | 23.80      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 4      | 23.45                    | 0.34          | 23.79      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 7      | 23.44                    | 0.34          | 23.78      | <=33.01 | Pass    |         |      |
|                                  |                                          | 15            | 0      | 23.50                    | 0.34          | 23.84      | <=33.01 | Pass    |         |      |
|                                  |                                          | 16QAM         | 1851.5 | 1                        | 0             | 23.84      | 0.34    | 24.18   | <=33.01 | Pass |
|                                  |                                          |               |        |                          | 7             | 23.75      | 0.34    | 24.09   | <=33.01 | Pass |
|                                  | 14                                       |               |        |                          | 23.89         | 0.34       | 24.23   | <=33.01 | Pass    |      |
|                                  | 8                                        |               |        | 0                        | 22.67         | 0.34       | 23.01   | <=33.01 | Pass    |      |
|                                  |                                          |               |        | 4                        | 22.67         | 0.34       | 23.01   | <=33.01 | Pass    |      |
|                                  |                                          |               |        | 7                        | 22.64         | 0.34       | 22.98   | <=33.01 | Pass    |      |
| 15                               | 0                                        |               |        | 22.55                    | 0.34          | 22.89      | <=33.01 | Pass    |         |      |
| 1880                             | 1                                        |               |        | 0                        | 23.35         | 0.34       | 23.69   | <=33.01 | Pass    |      |
|                                  |                                          |               |        | 7                        | 23.29         | 0.34       | 23.63   | <=33.01 | Pass    |      |
|                                  |                                          |               | 14     | 23.27                    | 0.34          | 23.61      | <=33.01 | Pass    |         |      |
|                                  | 8                                        |               | 0      | 22.58                    | 0.34          | 22.92      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 4      | 22.54                    | 0.34          | 22.88      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 7      | 22.55                    | 0.34          | 22.89      | <=33.01 | Pass    |         |      |
| 15                               | 0                                        |               | 22.54  | 0.34                     | 22.88         | <=33.01    | Pass    |         |         |      |
| 1908.5                           | 1                                        |               | 0      | 23.09                    | 0.34          | 23.43      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 7      | 23.04                    | 0.34          | 23.38      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 14     | 23.03                    | 0.34          | 23.37      | <=33.01 | Pass    |         |      |
|                                  | 8                                        |               | 0      | 22.57                    | 0.34          | 22.91      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 4      | 22.54                    | 0.34          | 22.88      | <=33.01 | Pass    |         |      |
|                                  |                                          |               | 7      | 22.55                    | 0.34          | 22.89      | <=33.01 | Pass    |         |      |
|                                  | 15                                       |               | 0      | 22.53                    | 0.34          | 22.87      | <=33.01 | Pass    |         |      |
|                                  | Note1: EIRP=Conducted Power+Antenna Gain |               |        |                          |               |            |         |         |         |      |

## 1.3 B2\_5MHz\_EIRP

## 1.3.1 Test Result

|                                  |
|----------------------------------|
| Band: 2 / 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      | 24.21                    | 0.34          | 24.55      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 24.05                    | 0.34          | 24.39      | <=33.01 | Pass    |      |
|                                          |                    |               | 24     | 24.28                    | 0.34          | 24.62      | <=33.01 | Pass    |      |
|                                          |                    | 12            | 0      | 23.49                    | 0.34          | 23.83      | <=33.01 | Pass    |      |
|                                          |                    |               | 6      | 23.48                    | 0.34          | 23.82      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 23.47                    | 0.34          | 23.81      | <=33.01 | Pass    |      |
|                                          |                    | 25            | 0      | 23.50                    | 0.34          | 23.84      | <=33.01 | Pass    |      |
|                                          |                    | 1880          | 1      | 0                        | 23.99         | 0.34       | 24.33   | <=33.01 | Pass |
|                                          |                    |               |        | 13                       | 23.88         | 0.34       | 24.22   | <=33.01 | Pass |
|                                          | 24                 |               |        | 24.12                    | 0.34          | 24.46      | <=33.01 | Pass    |      |
|                                          | 12                 |               | 0      | 23.54                    | 0.34          | 23.88      | <=33.01 | Pass    |      |
|                                          |                    |               | 6      | 23.43                    | 0.34          | 23.77      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 23.47                    | 0.34          | 23.81      | <=33.01 | Pass    |      |
|                                          | 1907.5             | 25            | 0      | 23.48                    | 0.34          | 23.82      | <=33.01 | Pass    |      |
|                                          |                    |               | 1      | 0                        | 24.19         | 0.34       | 24.53   | <=33.01 | Pass |
|                                          |                    |               |        | 13                       | 23.86         | 0.34       | 24.20   | <=33.01 | Pass |
|                                          |                    | 24            |        | 24.10                    | 0.34          | 24.44      | <=33.01 | Pass    |      |
|                                          |                    | 12            | 0      | 23.57                    | 0.34          | 23.91      | <=33.01 | Pass    |      |
|                                          |                    |               | 6      | 23.51                    | 0.34          | 23.85      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 23.51                    | 0.34          | 23.85      | <=33.01 | Pass    |      |
|                                          |                    | 25            | 0      | 23.52                    | 0.34          | 23.86      | <=33.01 | Pass    |      |
| 16QAM                                    |                    | 1852.5        | 1      | 0                        | 22.97         | 0.34       | 23.31   | <=33.01 | Pass |
|                                          | 13                 |               |        | 22.89                    | 0.34          | 23.23      | <=33.01 | Pass    |      |
|                                          | 24                 |               |        | 22.98                    | 0.34          | 23.32      | <=33.01 | Pass    |      |
|                                          | 12                 |               | 0      | 22.55                    | 0.34          | 22.89      | <=33.01 | Pass    |      |
|                                          |                    |               | 6      | 22.51                    | 0.34          | 22.85      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 22.51                    | 0.34          | 22.85      | <=33.01 | Pass    |      |
|                                          | 25                 |               | 0      | 22.58                    | 0.34          | 22.92      | <=33.01 | Pass    |      |
|                                          | 1880               | 1             | 0      | 23.40                    | 0.34          | 23.74      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 23.28                    | 0.34          | 23.62      | <=33.01 | Pass    |      |
|                                          |                    |               | 24     | 23.39                    | 0.34          | 23.73      | <=33.01 | Pass    |      |
|                                          |                    | 12            | 0      | 22.69                    | 0.34          | 23.03      | <=33.01 | Pass    |      |
|                                          |                    |               | 6      | 22.63                    | 0.34          | 22.97      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 22.62                    | 0.34          | 22.96      | <=33.01 | Pass    |      |
|                                          | 1907.5             | 25            | 0      | 22.64                    | 0.34          | 22.98      | <=33.01 | Pass    |      |
|                                          |                    |               | 1      | 0                        | 23.27         | 0.34       | 23.61   | <=33.01 | Pass |
|                                          |                    |               |        | 13                       | 23.07         | 0.34       | 23.41   | <=33.01 | Pass |
|                                          |                    | 24            |        | 23.15                    | 0.34          | 23.49      | <=33.01 | Pass    |      |
|                                          |                    | 12            | 0      | 22.58                    | 0.34          | 22.92      | <=33.01 | Pass    |      |
|                                          |                    |               | 6      | 22.51                    | 0.34          | 22.85      | <=33.01 | Pass    |      |
|                                          |                    |               | 13     | 22.52                    | 0.34          | 22.86      | <=33.01 | Pass    |      |
|                                          |                    | 25            | 0      | 22.56                    | 0.34          | 22.90      | <=33.01 | Pass    |      |
| Note1: EIRP=Conducted Power+Antenna Gain |                    |               |        |                          |               |            |         |         |      |

## 1.4 B2\_10MHz\_EIRP

### 1.4.1 Test Result

| Band: 2 / Bandwidth: 10MHz / NTNv |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dbi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1855            | 1             | 0      | 24.17                 | 0.34       | 24.51      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 23.90                 | 0.34       | 24.24      | <=33.01 | Pass    |

|                                          |       |      |    |       |       |       |         |         |      |
|------------------------------------------|-------|------|----|-------|-------|-------|---------|---------|------|
|                                          |       |      | 49 | 24.18 | 0.34  | 24.52 | <=33.01 | Pass    |      |
|                                          |       | 25   | 0  | 23.51 | 0.34  | 23.85 | <=33.01 | Pass    |      |
|                                          |       |      | 13 | 23.53 | 0.34  | 23.87 | <=33.01 | Pass    |      |
|                                          |       |      | 25 | 23.63 | 0.34  | 23.97 | <=33.01 | Pass    |      |
|                                          |       | 50   | 0  | 23.62 | 0.34  | 23.96 | <=33.01 | Pass    |      |
|                                          | 1880  | 1    | 0  | 24.14 | 0.34  | 24.48 | <=33.01 | Pass    |      |
|                                          |       |      | 25 | 23.91 | 0.34  | 24.25 | <=33.01 | Pass    |      |
|                                          |       |      | 49 | 24.12 | 0.34  | 24.46 | <=33.01 | Pass    |      |
|                                          |       | 25   | 0  | 23.50 | 0.34  | 23.84 | <=33.01 | Pass    |      |
|                                          |       |      | 13 | 23.47 | 0.34  | 23.81 | <=33.01 | Pass    |      |
|                                          |       |      | 25 | 23.49 | 0.34  | 23.83 | <=33.01 | Pass    |      |
|                                          |       | 50   | 0  | 23.51 | 0.34  | 23.85 | <=33.01 | Pass    |      |
|                                          | 1905  | 1    | 0  | 24.07 | 0.34  | 24.41 | <=33.01 | Pass    |      |
|                                          |       |      | 25 | 23.92 | 0.34  | 24.26 | <=33.01 | Pass    |      |
|                                          |       |      | 49 | 24.05 | 0.34  | 24.39 | <=33.01 | Pass    |      |
|                                          |       | 25   | 0  | 23.65 | 0.34  | 23.99 | <=33.01 | Pass    |      |
|                                          |       |      | 13 | 23.59 | 0.34  | 23.93 | <=33.01 | Pass    |      |
|                                          |       |      | 25 | 23.60 | 0.34  | 23.94 | <=33.01 | Pass    |      |
|                                          |       | 50   | 0  | 23.66 | 0.34  | 24.00 | <=33.01 | Pass    |      |
|                                          | 16QAM | 1855 | 1  | 0     | 23.54 | 0.34  | 23.88   | <=33.01 | Pass |
|                                          |       |      |    | 25    | 23.47 | 0.34  | 23.81   | <=33.01 | Pass |
|                                          |       |      |    | 49    | 23.57 | 0.34  | 23.91   | <=33.01 | Pass |
|                                          |       |      | 25 | 0     | 22.58 | 0.34  | 22.92   | <=33.01 | Pass |
|                                          |       |      |    | 13    | 22.60 | 0.34  | 22.94   | <=33.01 | Pass |
| 25                                       |       |      |    | 22.67 | 0.34  | 23.01 | <=33.01 | Pass    |      |
| 50                                       |       |      | 0  | 22.62 | 0.34  | 22.96 | <=33.01 | Pass    |      |
| 1880                                     |       | 1    | 0  | 23.36 | 0.34  | 23.70 | <=33.01 | Pass    |      |
|                                          |       |      | 25 | 23.28 | 0.34  | 23.62 | <=33.01 | Pass    |      |
|                                          |       |      | 49 | 23.33 | 0.34  | 23.67 | <=33.01 | Pass    |      |
|                                          |       | 25   | 0  | 22.70 | 0.34  | 23.04 | <=33.01 | Pass    |      |
|                                          |       |      | 13 | 22.67 | 0.34  | 23.01 | <=33.01 | Pass    |      |
|                                          |       |      | 25 | 22.67 | 0.34  | 23.01 | <=33.01 | Pass    |      |
|                                          |       | 50   | 0  | 22.67 | 0.34  | 23.01 | <=33.01 | Pass    |      |
| 1905                                     |       | 1    | 0  | 23.14 | 0.34  | 23.48 | <=33.01 | Pass    |      |
|                                          |       |      | 25 | 23.10 | 0.34  | 23.44 | <=33.01 | Pass    |      |
|                                          |       |      | 49 | 23.10 | 0.34  | 23.44 | <=33.01 | Pass    |      |
|                                          |       | 25   | 0  | 22.77 | 0.34  | 23.11 | <=33.01 | Pass    |      |
|                                          |       |      | 13 | 22.67 | 0.34  | 23.01 | <=33.01 | Pass    |      |
|                                          |       |      | 25 | 22.67 | 0.34  | 23.01 | <=33.01 | Pass    |      |
|                                          |       | 50   | 0  | 22.64 | 0.34  | 22.98 | <=33.01 | Pass    |      |
| Note1: EIRP=Conducted Power+Antenna Gain |       |      |    |       |       |       |         |         |      |

## 1.5 B2\_15MHz\_EIRP

### 1.5.1 Test Result

| Band: 2 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dbi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1857.5          | 1             | 0      | 23.95                 | 0.34       | 24.29      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 23.94                 | 0.34       | 24.28      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 23.96                 | 0.34       | 24.30      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 23.46                 | 0.34       | 23.80      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 23.46                 | 0.34       | 23.80      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 23.54                 | 0.34       | 23.88      | <=33.01 | Pass    |

|        |       |        |        |       |       |       |         |         |         |      |
|--------|-------|--------|--------|-------|-------|-------|---------|---------|---------|------|
|        |       | 75     | 0      | 23.51 | 0.34  | 23.85 | <=33.01 | Pass    |         |      |
|        | 1880  | 1      | 0      | 23.87 | 0.34  | 24.21 | <=33.01 | Pass    |         |      |
|        |       |        | 38     | 23.92 | 0.34  | 24.26 | <=33.01 | Pass    |         |      |
|        |       |        | 74     | 23.89 | 0.34  | 24.23 | <=33.01 | Pass    |         |      |
|        |       |        | 0      | 23.44 | 0.34  | 23.78 | <=33.01 | Pass    |         |      |
|        |       | 36     | 18     | 23.44 | 0.34  | 23.78 | <=33.01 | Pass    |         |      |
|        |       |        | 39     | 23.47 | 0.34  | 23.81 | <=33.01 | Pass    |         |      |
|        |       |        | 75     | 0     | 23.47 | 0.34  | 23.81   | <=33.01 | Pass    |      |
|        |       | 1902.5 | 1      | 0     | 23.86 | 0.34  | 24.20   | <=33.01 | Pass    |      |
|        |       |        |        | 38    | 23.82 | 0.34  | 24.16   | <=33.01 | Pass    |      |
|        | 74    |        |        | 23.72 | 0.34  | 24.06 | <=33.01 | Pass    |         |      |
|        | 36    |        | 0      | 23.43 | 0.34  | 23.77 | <=33.01 | Pass    |         |      |
|        |       |        | 18     | 23.53 | 0.34  | 23.87 | <=33.01 | Pass    |         |      |
|        |       |        | 39     | 23.46 | 0.34  | 23.80 | <=33.01 | Pass    |         |      |
|        | 75    |        | 0      | 23.56 | 0.34  | 23.90 | <=33.01 | Pass    |         |      |
|        | 16QAM |        | 1857.5 | 1     | 0     | 23.48 | 0.34    | 23.82   | <=33.01 | Pass |
|        |       |        |        |       | 38    | 23.52 | 0.34    | 23.86   | <=33.01 | Pass |
|        |       | 74     |        |       | 23.43 | 0.34  | 23.77   | <=33.01 | Pass    |      |
|        |       | 36     |        | 0     | 22.52 | 0.34  | 22.86   | <=33.01 | Pass    |      |
|        |       |        |        | 18    | 22.54 | 0.34  | 22.88   | <=33.01 | Pass    |      |
|        |       |        |        | 39    | 22.61 | 0.34  | 22.95   | <=33.01 | Pass    |      |
|        |       | 75     |        | 0     | 22.54 | 0.34  | 22.88   | <=33.01 | Pass    |      |
|        |       | 1880   |        | 1     | 0     | 23.22 | 0.34    | 23.56   | <=33.01 | Pass |
|        |       |        |        |       | 38    | 23.27 | 0.34    | 23.61   | <=33.01 | Pass |
| 74     |       |        | 23.24  |       | 0.34  | 23.58 | <=33.01 | Pass    |         |      |
| 36     |       |        | 0      | 22.64 | 0.34  | 22.98 | <=33.01 | Pass    |         |      |
|        |       |        | 18     | 22.61 | 0.34  | 22.95 | <=33.01 | Pass    |         |      |
|        |       |        | 39     | 22.61 | 0.34  | 22.95 | <=33.01 | Pass    |         |      |
| 75     |       |        | 0      | 22.64 | 0.34  | 22.98 | <=33.01 | Pass    |         |      |
| 1902.5 |       |        | 1      | 0     | 23.32 | 0.34  | 23.66   | <=33.01 | Pass    |      |
|        |       |        |        | 38    | 23.36 | 0.34  | 23.70   | <=33.01 | Pass    |      |
|        |       | 74     |        | 23.27 | 0.34  | 23.61 | <=33.01 | Pass    |         |      |
|        |       | 36     | 0      | 22.64 | 0.34  | 22.98 | <=33.01 | Pass    |         |      |
|        |       |        | 18     | 22.54 | 0.34  | 22.88 | <=33.01 | Pass    |         |      |
|        |       |        | 39     | 22.52 | 0.34  | 22.86 | <=33.01 | Pass    |         |      |
|        |       | 75     | 0      | 22.54 | 0.34  | 22.88 | <=33.01 | Pass    |         |      |

Note1: EIRP=Conducted Power+Antenna Gain

## 1.6 B2\_20MHz\_EIRP

### 1.6.1 Test Result

| Band: 2 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dbi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1860            | 1             | 0      | 23.83                 | 0.34       | 24.17      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 23.81                 | 0.34       | 24.15      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 23.80                 | 0.34       | 24.14      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 23.52                 | 0.34       | 23.86      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 23.62                 | 0.34       | 23.96      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 23.57                 | 0.34       | 23.91      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 23.57                 | 0.34       | 23.91      | <=33.01 | Pass    |
|                                   | 1880            | 1             | 0      | 23.80                 | 0.34       | 24.14      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 23.90                 | 0.34       | 24.24      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 24.09                 | 0.34       | 24.43      | <=33.01 | Pass    |

|       |      |                                          |    |       |       |       |         |         |      |
|-------|------|------------------------------------------|----|-------|-------|-------|---------|---------|------|
|       |      | 50                                       | 0  | 23.52 | 0.34  | 23.86 | <=33.01 | Pass    |      |
|       |      |                                          | 25 | 23.47 | 0.34  | 23.81 | <=33.01 | Pass    |      |
|       |      |                                          | 50 | 23.51 | 0.34  | 23.85 | <=33.01 | Pass    |      |
|       |      | 100                                      | 0  | 23.49 | 0.34  | 23.83 | <=33.01 | Pass    |      |
|       | 1900 | 1                                        | 0  | 24.41 | 0.34  | 24.75 | <=33.01 | Pass    |      |
|       |      |                                          | 50 | 24.31 | 0.34  | 24.65 | <=33.01 | Pass    |      |
|       |      |                                          | 99 | 24.24 | 0.34  | 24.58 | <=33.01 | Pass    |      |
|       |      | 50                                       | 0  | 23.51 | 0.34  | 23.85 | <=33.01 | Pass    |      |
|       |      |                                          | 25 | 23.43 | 0.34  | 23.77 | <=33.01 | Pass    |      |
|       |      |                                          | 50 | 23.47 | 0.34  | 23.81 | <=33.01 | Pass    |      |
|       |      | 100                                      | 0  | 23.39 | 0.34  | 23.73 | <=33.01 | Pass    |      |
|       |      |                                          |    |       |       |       |         |         |      |
| 16QAM | 1860 | 1                                        | 0  | 23.22 | 0.34  | 23.56 | <=33.01 | Pass    |      |
|       |      |                                          | 50 | 23.23 | 0.34  | 23.57 | <=33.01 | Pass    |      |
|       |      |                                          | 99 | 23.22 | 0.34  | 23.56 | <=33.01 | Pass    |      |
|       |      | 50                                       | 0  | 22.49 | 0.34  | 22.83 | <=33.01 | Pass    |      |
|       |      |                                          | 25 | 22.59 | 0.34  | 22.93 | <=33.01 | Pass    |      |
|       |      |                                          | 50 | 22.56 | 0.34  | 22.90 | <=33.01 | Pass    |      |
|       |      | 100                                      | 0  | 22.54 | 0.34  | 22.88 | <=33.01 | Pass    |      |
|       |      | 1880                                     | 1  | 0     | 23.49 | 0.34  | 23.83   | <=33.01 | Pass |
|       |      |                                          |    | 50    | 23.60 | 0.34  | 23.94   | <=33.01 | Pass |
|       | 99   |                                          |    | 23.84 | 0.34  | 24.18 | <=33.01 | Pass    |      |
|       | 50   |                                          | 0  | 22.68 | 0.34  | 23.02 | <=33.01 | Pass    |      |
|       |      |                                          | 25 | 22.62 | 0.34  | 22.96 | <=33.01 | Pass    |      |
|       |      |                                          | 50 | 22.64 | 0.34  | 22.98 | <=33.01 | Pass    |      |
|       | 100  |                                          | 0  | 22.64 | 0.34  | 22.98 | <=33.01 | Pass    |      |
|       | 1900 |                                          | 1  | 0     | 24.25 | 0.34  | 24.59   | <=33.01 | Pass |
|       |      |                                          |    | 50    | 23.98 | 0.34  | 24.32   | <=33.01 | Pass |
|       |      | 99                                       |    | 23.99 | 0.34  | 24.33 | <=33.01 | Pass    |      |
|       |      | 50                                       | 0  | 22.63 | 0.34  | 22.97 | <=33.01 | Pass    |      |
|       |      |                                          | 25 | 22.58 | 0.34  | 22.92 | <=33.01 | Pass    |      |
|       |      |                                          | 50 | 22.43 | 0.34  | 22.77 | <=33.01 | Pass    |      |
|       |      | 100                                      | 0  | 22.54 | 0.34  | 22.88 | <=33.01 | Pass    |      |
|       |      | Note1: EIRP=Conducted Power+Antenna Gain |    |       |       |       |         |         |      |

## 2. Frequency Stability

### 2.1 B2\_1.4MHz

#### 2.1.1 Test Result

| Band: 2 / Bandwidth: 1.4MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1850.7          | 6             | 0      | 20         | 3.23          | 4.921            | 0.0027                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.8           | 2.017            | 0.0011                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.37          | 6.623            | 0.0036                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.8           | 5.493            | 0.0030                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.8           | 6.552            | 0.0035                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.8           | 7.467            | 0.0040                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.8           | 11.287           | 0.0061                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.8           | 6.466            | 0.0035                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.8           | 6.781            | 0.0037                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.8           | 5.350            | 0.0029                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.8           | 9.069            | 0.0049                | -2.5 to 2.5 | Pass    |

|       |        |   |   |     |      |        |         |             |      |
|-------|--------|---|---|-----|------|--------|---------|-------------|------|
|       | 1880   | 6 | 0 | 20  | 3.23 | 7.367  | 0.0039  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.8  | 7.911  | 0.0042  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.37 | 5.136  | 0.0027  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.8  | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.8  | 0.687  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.8  | 3.018  | 0.0016  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.8  | 3.047  | 0.0016  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.8  | 5.980  | 0.0032  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.8  | 5.879  | 0.0031  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.8  | -1.931 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.8  | 1.001  | 0.0005  | -2.5 to 2.5 | Pass |
|       | 1909.3 | 6 | 0 | 20  | 3.23 | 0.486  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.8  | 2.847  | 0.0015  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.37 | -0.958 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.8  | -2.174 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.8  | -2.933 | -0.0015 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.8  | 0.129  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.8  | -0.243 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.8  | 3.090  | 0.0016  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.8  | 2.203  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.8  | -1.659 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.8  | 3.090  | 0.0016  | -2.5 to 2.5 | Pass |
| 16QAM | 1850.7 | 6 | 0 | 20  | 3.23 | 7.038  | 0.0038  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.8  | 5.164  | 0.0028  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.37 | -1.030 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.8  | 4.077  | 0.0022  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.8  | 3.047  | 0.0016  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.8  | 5.851  | 0.0032  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.8  | 6.909  | 0.0037  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.8  | 5.808  | 0.0031  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.8  | 0.200  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.8  | -2.332 | -0.0013 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.8  | 3.319  | 0.0018  | -2.5 to 2.5 | Pass |
|       | 1880   | 6 | 0 | 20  | 3.23 | 3.390  | 0.0018  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.8  | 2.975  | 0.0016  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.37 | 5.136  | 0.0027  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.8  | 7.067  | 0.0038  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.8  | 6.595  | 0.0035  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.8  | 7.768  | 0.0041  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.8  | 2.875  | 0.0015  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.8  | 4.492  | 0.0024  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.8  | 3.963  | 0.0021  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.8  | 6.409  | 0.0034  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.8  | 5.364  | 0.0029  | -2.5 to 2.5 | Pass |
|       | 1909.3 | 6 | 0 | 20  | 3.23 | -0.615 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.8  | 3.762  | 0.0020  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.37 | 0.887  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.8  | 3.476  | 0.0018  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.8  | 5.465  | 0.0029  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.8  | 1.960  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.8  | 7.396  | 0.0039  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.8  | 3.190  | 0.0017  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.8  | 0.744  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.8  | 3.505  | 0.0018  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.8  | 5.350  | 0.0028  | -2.5 to 2.5 | Pass |

## 2.2 B2\_3MHz

## 2.2.1 Test Result

| Band: 2 / Bandwidth: 3MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 1851.5          | 15            | 0      | 20         | 3.23          | 1.159            | 0.0006                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.8           | 1.988            | 0.0011                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.37          | -0.100           | -0.0001               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.8           | 2.389            | 0.0013                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.8           | 2.017            | 0.0011                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.8           | 2.174            | 0.0012                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.8           | 0.815            | 0.0004                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.8           | 0.558            | 0.0003                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.8           | 2.704            | 0.0015                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.8           | 3.376            | 0.0018                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.8           | 4.420            | 0.0024                | -2.5 to 2.5 | Pass    |
|                           | 1880            | 15            | 0      | 20         | 3.23          | 4.163            | 0.0022                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.8           | 3.233            | 0.0017                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.37          | 1.831            | 0.0010                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.8           | 1.373            | 0.0007                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.8           | 4.020            | 0.0021                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.8           | 0.744            | 0.0004                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.8           | 3.419            | 0.0018                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.8           | 3.119            | 0.0017                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.8           | 1.144            | 0.0006                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.8           | 0.086            | 0.0000                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.8           | 2.618            | 0.0014                | -2.5 to 2.5 | Pass    |
|                           | 1908.5          | 15            | 0      | 20         | 3.23          | -0.215           | -0.0001               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.8           | -1.359           | -0.0007               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.37          | 2.718            | 0.0014                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.8           | -2.604           | -0.0014               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.8           | 2.890            | 0.0015                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.8           | 2.747            | 0.0014                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.8           | -0.215           | -0.0001               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.8           | -1.359           | -0.0007               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.8           | -1.516           | -0.0008               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.8           | 5.951            | 0.0031                | -2.5 to 2.5 | Pass    |
| 16QAM                     | 1851.5          | 15            | 0      | 20         | 3.23          | 4.234            | 0.0023                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.8           | 4.320            | 0.0023                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.37          | -0.529           | -0.0003               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.8           | 0.215            | 0.0001                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.8           | -2.031           | -0.0011               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.8           | 2.675            | 0.0014                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.8           | -0.958           | -0.0005               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.8           | 5.536            | 0.0030                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.8           | 2.432            | 0.0013                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.8           | 5.779            | 0.0031                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.8           | 1.059            | 0.0006                | -2.5 to 2.5 | Pass    |
|                           | 1880            | 15            | 0      | 20         | 3.23          | 5.507            | 0.0029                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.8           | -1.516           | -0.0008               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.37          | 3.090            | 0.0016                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.8           | 4.478            | 0.0024                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.8           | 5.994            | 0.0032                | -2.5 to 2.5 | Pass    |

|  |        |    |   |     |      |        |         |             |      |
|--|--------|----|---|-----|------|--------|---------|-------------|------|
|  |        |    |   | -10 | 3.8  | 2.918  | 0.0016  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.8  | 4.721  | 0.0025  | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.8  | 3.519  | 0.0019  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.8  | 2.389  | 0.0013  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.8  | 1.130  | 0.0006  | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.8  | 2.375  | 0.0013  | -2.5 to 2.5 | Pass |
|  | 1908.5 | 15 | 0 | 20  | 3.23 | 4.950  | 0.0026  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.8  | -0.143 | -0.0001 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.37 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.8  | -1.402 | -0.0007 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.8  | -2.575 | -0.0013 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.8  | -0.072 | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.8  | 3.276  | 0.0017  | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.8  | 2.375  | 0.0012  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.8  | -0.587 | -0.0003 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.8  | -2.160 | -0.0011 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.8  | -2.103 | -0.0011 | -2.5 to 2.5 | Pass |

## 2.3 B2\_5MHz

### 2.3.1 Test Result

| Band: 2 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 1852.5          | 25            | 0      | 20         | 3.23          | 1.431            | 0.0008                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.8           | 0.401            | 0.0002                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.37          | 1.659            | 0.0009                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.8           | 0.830            | 0.0004                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.8           | -1.960           | -0.0011               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.8           | -0.544           | -0.0003               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.8           | 0.401            | 0.0002                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.8           | 0.973            | 0.0005                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.8           | -0.958           | -0.0005               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.8           | 0.987            | 0.0005                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.8           | -1.245           | -0.0007               | -2.5 to 2.5 | Pass    |
|                           | 1880            | 25            | 0      | 20         | 3.23          | 1.087            | 0.0006                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.8           | 1.316            | 0.0007                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.37          | 3.848            | 0.0020                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.8           | 3.691            | 0.0020                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.8           | 4.907            | 0.0026                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.8           | 2.131            | 0.0011                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.8           | 3.905            | 0.0021                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.8           | 5.064            | 0.0027                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.8           | 5.078            | 0.0027                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.8           | 3.762            | 0.0020                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.8           | 4.177            | 0.0022                | -2.5 to 2.5 | Pass    |
|                           | 1907.5          | 25            | 0      | 20         | 3.23          | 7.839            | 0.0041                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.8           | 4.935            | 0.0026                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.37          | 3.977            | 0.0021                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.8           | 0.830            | 0.0004                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.8           | 1.788            | 0.0009                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.8           | 2.890            | 0.0015                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.8           | 0.887            | 0.0005                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.8           | 3.247            | 0.0017                | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
|       |        |    |   | 30  | 3.8  | 3.004  | 0.0016  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.8  | 6.180  | 0.0032  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.8  | 1.044  | 0.0005  | -2.5 to 2.5 | Pass |
| 16QAM | 1852.5 | 25 | 0 | 20  | 3.23 | 2.618  | 0.0014  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.8  | 1.559  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.37 | 2.089  | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.8  | 6.609  | 0.0036  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.8  | 4.606  | 0.0025  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.8  | 5.436  | 0.0029  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.8  | 4.220  | 0.0023  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.8  | 3.047  | 0.0016  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.8  | 6.452  | 0.0035  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.8  | 3.333  | 0.0018  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.8  | 3.490  | 0.0019  | -2.5 to 2.5 | Pass |
|       | 1880   | 25 | 0 | 20  | 3.23 | 0.315  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.8  | 5.121  | 0.0027  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.37 | 4.778  | 0.0025  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.8  | 2.575  | 0.0014  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.8  | 3.262  | 0.0017  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.8  | 5.236  | 0.0028  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.8  | -0.443 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.8  | 3.319  | 0.0018  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.8  | 4.907  | 0.0026  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.8  | 4.220  | 0.0022  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.8  | 2.775  | 0.0015  | -2.5 to 2.5 | Pass |
|       | 1907.5 | 25 | 0 | 20  | 3.23 | 3.576  | 0.0019  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.8  | 5.794  | 0.0030  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.37 | 4.363  | 0.0023  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.8  | 1.059  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.8  | 4.935  | 0.0026  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.8  | 2.260  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.8  | 4.635  | 0.0024  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.8  | 2.432  | 0.0013  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.8  | -0.715 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.8  | 1.659  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.8  | 2.632  | 0.0014  | -2.5 to 2.5 | Pass |

## 2.4 B2\_10MHz

### 2.4.1 Test Result

| Band: 2 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1855            | 50            | 0      | 20         | 3.23          | 2.460            | 0.0013                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.8           | 1.345            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | 1.373            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.8           | 2.060            | 0.0011                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.8           | 2.117            | 0.0011                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.8           | 1.602            | 0.0009                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.8           | 1.345            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.8           | 1.531            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.8           | 1.745            | 0.0009                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.8           | 4.292            | 0.0023                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.8           | 2.875            | 0.0015                | -2.5 to 2.5 | Pass    |

|       |      |    |   |     |      |        |         |             |      |
|-------|------|----|---|-----|------|--------|---------|-------------|------|
|       | 1880 | 50 | 0 | 20  | 3.23 | -1.459 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.8  | -0.687 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.37 | 0.286  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.8  | 0.458  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.8  | -0.930 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.8  | -0.386 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.8  | -1.388 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.8  | 1.388  | 0.0007  | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.8  | -0.386 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.8  | -2.089 | -0.0011 | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.8  | -0.644 | -0.0003 | -2.5 to 2.5 | Pass |
|       | 1905 | 50 | 0 | 20  | 3.23 | 4.864  | 0.0026  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.8  | 2.675  | 0.0014  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.37 | 1.101  | 0.0006  | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.8  | 0.973  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.8  | 0.129  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.8  | 0.758  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.8  | 2.518  | 0.0013  | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.8  | 3.963  | 0.0021  | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.8  | 3.676  | 0.0019  | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.8  | 1.388  | 0.0007  | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.8  | 3.648  | 0.0019  | -2.5 to 2.5 | Pass |
| 16QAM | 1855 | 50 | 0 | 20  | 3.23 | -0.401 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.8  | 1.030  | 0.0006  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.37 | 0.029  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.8  | -1.273 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.8  | 2.189  | 0.0012  | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.8  | 0.401  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.8  | 1.302  | 0.0007  | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.8  | 1.760  | 0.0009  | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.8  | 0.572  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.8  | 2.203  | 0.0012  | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.8  | 1.731  | 0.0009  | -2.5 to 2.5 | Pass |
|       | 1880 | 50 | 0 | 20  | 3.23 | -0.343 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.8  | 0.072  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.37 | -1.001 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.8  | -3.247 | -0.0017 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.8  | 0.615  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.8  | -1.416 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.8  | -1.388 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.8  | 0.086  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.8  | -2.890 | -0.0015 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.8  | -0.386 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.8  | -0.443 | -0.0002 | -2.5 to 2.5 | Pass |
|       | 1905 | 50 | 0 | 20  | 3.23 | 4.163  | 0.0022  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.8  | 4.206  | 0.0022  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.37 | 4.663  | 0.0024  | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.8  | 3.862  | 0.0020  | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.8  | 3.304  | 0.0017  | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.8  | 4.706  | 0.0025  | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.8  | 4.549  | 0.0024  | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.8  | 4.349  | 0.0023  | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.8  | 3.848  | 0.0020  | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.8  | 5.436  | 0.0029  | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.8  | 4.306  | 0.0023  | -2.5 to 2.5 | Pass |

## 2.5 B2\_15MHz

## 2.5.1 Test Result

| Band: 2 / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1857.5          | 75            | 0      | 20         | 3.23          | -4.907           | -0.0026               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.8           | -2.275           | -0.0012               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | -2.117           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.8           | -1.516           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.8           | -3.405           | -0.0018               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.8           | -1.988           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.8           | -1.173           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.8           | -2.103           | -0.0011               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.8           | -1.302           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.8           | -3.934           | -0.0021               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.8           | -1.717           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            | 1880            | 75            | 0      | 20         | 3.23          | 1.502            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.8           | 2.604            | 0.0014                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | 2.890            | 0.0015                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.8           | 0.930            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.8           | 1.230            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.8           | 4.964            | 0.0026                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.8           | 3.605            | 0.0019                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.8           | 3.319            | 0.0018                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.8           | 4.263            | 0.0023                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.8           | 1.888            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.8           | 0.787            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            | 1902.5          | 75            | 0      | 20         | 3.23          | -2.918           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.8           | 1.259            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | 3.390            | 0.0018                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.8           | 0.443            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.8           | 0.973            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.8           | -0.029           | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.8           | -0.157           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.8           | 0.486            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.8           | 0.472            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.8           | 0.830            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.8           | -1.245           | -0.0007               | -2.5 to 2.5 | Pass    |
| 16QAM                      | 1857.5          | 75            | 0      | 20         | 3.23          | -1.087           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.8           | -1.645           | -0.0009               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | -2.575           | -0.0014               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.8           | -3.276           | -0.0018               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.8           | -0.644           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.8           | -2.289           | -0.0012               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.8           | -3.290           | -0.0018               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.8           | -1.330           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.8           | 1.531            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.8           | 2.632            | 0.0014                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.8           | 1.988            | 0.0011                | -2.5 to 2.5 | Pass    |
|                            | 1880            | 75            | 0      | 20         | 3.23          | 2.232            | 0.0012                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.8           | 0.200            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | 3.934            | 0.0021                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.8           | 4.277            | 0.0023                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.8           | 3.104            | 0.0017                | -2.5 to 2.5 | Pass    |

|  |        |    |   |     |      |        |         |             |      |
|--|--------|----|---|-----|------|--------|---------|-------------|------|
|  |        |    |   | -10 | 3.8  | 0.944  | 0.0005  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.8  | 3.347  | 0.0018  | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.8  | 1.245  | 0.0007  | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.8  | 1.359  | 0.0007  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.8  | 1.831  | 0.0010  | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.8  | 0.744  | 0.0004  | -2.5 to 2.5 | Pass |
|  | 1902.5 | 75 | 0 | 20  | 3.23 | 0.114  | 0.0001  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.8  | 0.229  | 0.0001  | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.37 | 0.701  | 0.0004  | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.8  | 0.172  | 0.0001  | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.8  | 0.386  | 0.0002  | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.8  | -1.488 | -0.0008 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.8  | -1.187 | -0.0006 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.8  | -0.973 | -0.0005 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.8  | -0.014 | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.8  | 0.587  | 0.0003  | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.8  | 0.029  | 0.0000  | -2.5 to 2.5 | Pass |

## 2.6 B2\_20MHz

### 2.6.1 Test Result

| Band: 2 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1860            | 100           | 0      | 20         | 3.23          | -0.529           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.8           | -2.174           | -0.0012               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | -3.834           | -0.0021               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.8           | -2.289           | -0.0012               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.8           | -0.343           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.8           | -1.874           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.8           | -2.561           | -0.0014               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.8           | -3.047           | -0.0016               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.8           | -1.774           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.8           | -1.001           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.8           | -2.332           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            | 1880            | 100           | 0      | 20         | 3.23          | 4.864            | 0.0026                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.8           | 6.166            | 0.0033                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | 6.323            | 0.0034                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.8           | 6.309            | 0.0034                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.8           | 5.364            | 0.0029                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.8           | 4.506            | 0.0024                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.8           | 7.067            | 0.0038                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.8           | 5.865            | 0.0031                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.8           | 3.719            | 0.0020                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.8           | 7.238            | 0.0039                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.8           | 6.323            | 0.0034                | -2.5 to 2.5 | Pass    |
|                            | 1900            | 100           | 0      | 20         | 3.23          | 1.030            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.8           | -1.087           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.37          | -0.572           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.8           | -1.960           | -0.0010               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.8           | -3.061           | -0.0016               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.8           | 0.558            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.8           | -3.390           | -0.0018               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.8           | -3.963           | -0.0021               | -2.5 to 2.5 | Pass    |

|       |      |     |   |     |      |        |         |             |      |
|-------|------|-----|---|-----|------|--------|---------|-------------|------|
|       |      |     |   | 30  | 3.8  | -2.131 | -0.0011 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.8  | -2.389 | -0.0013 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.8  | -1.259 | -0.0007 | -2.5 to 2.5 | Pass |
| 16QAM | 1860 | 100 | 0 | 20  | 3.23 | -1.731 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.8  | -0.858 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.37 | -2.675 | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.8  | -4.020 | -0.0022 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.8  | -4.807 | -0.0026 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.8  | -1.631 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.8  | -4.735 | -0.0025 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.8  | -2.675 | -0.0014 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.8  | -0.358 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.8  | -0.629 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.8  | -1.702 | -0.0009 | -2.5 to 2.5 | Pass |
|       | 1880 | 100 | 0 | 20  | 3.23 | 7.153  | 0.0038  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.8  | 5.322  | 0.0028  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.37 | 5.136  | 0.0027  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.8  | 5.565  | 0.0030  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.8  | 5.279  | 0.0028  | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.8  | 2.489  | 0.0013  | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.8  | 2.360  | 0.0013  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.8  | 1.817  | 0.0010  | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.8  | 0.043  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.8  | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.8  | 0.944  | 0.0005  | -2.5 to 2.5 | Pass |
|       | 1900 | 100 | 0 | 20  | 3.23 | -1.874 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.8  | -0.672 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.37 | -3.405 | -0.0018 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.8  | -2.246 | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.8  | -1.345 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.8  | -1.073 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.8  | -2.260 | -0.0012 | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.8  | -1.774 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.8  | -4.034 | -0.0021 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.8  | -0.787 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.8  | -2.718 | -0.0014 | -2.5 to 2.5 | Pass |

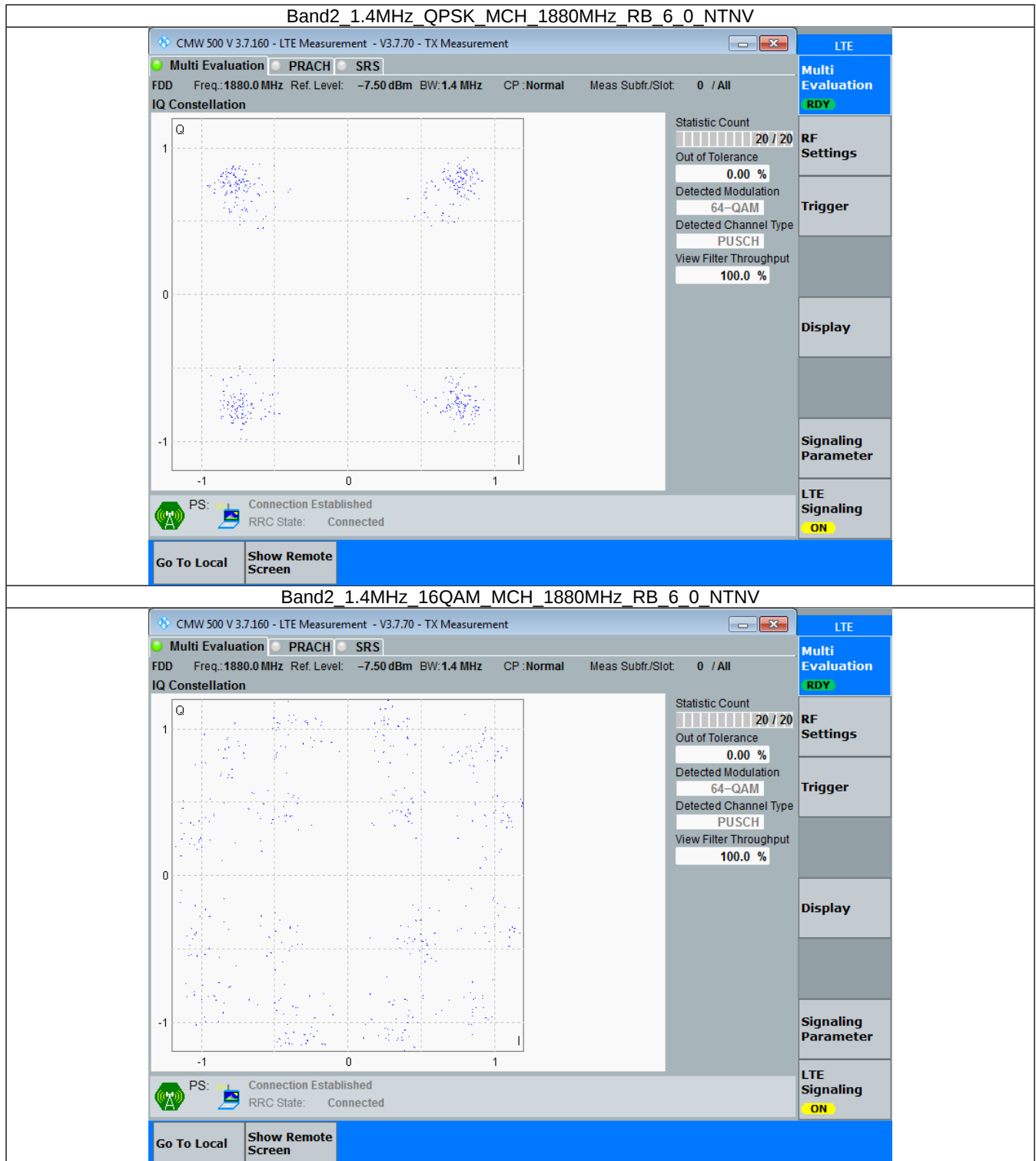
### 3. Modulation Characteristics

#### 3.1 B2\_1.4MHz

##### 3.1.1 Test Result

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

## 3.1.2 Test Graph

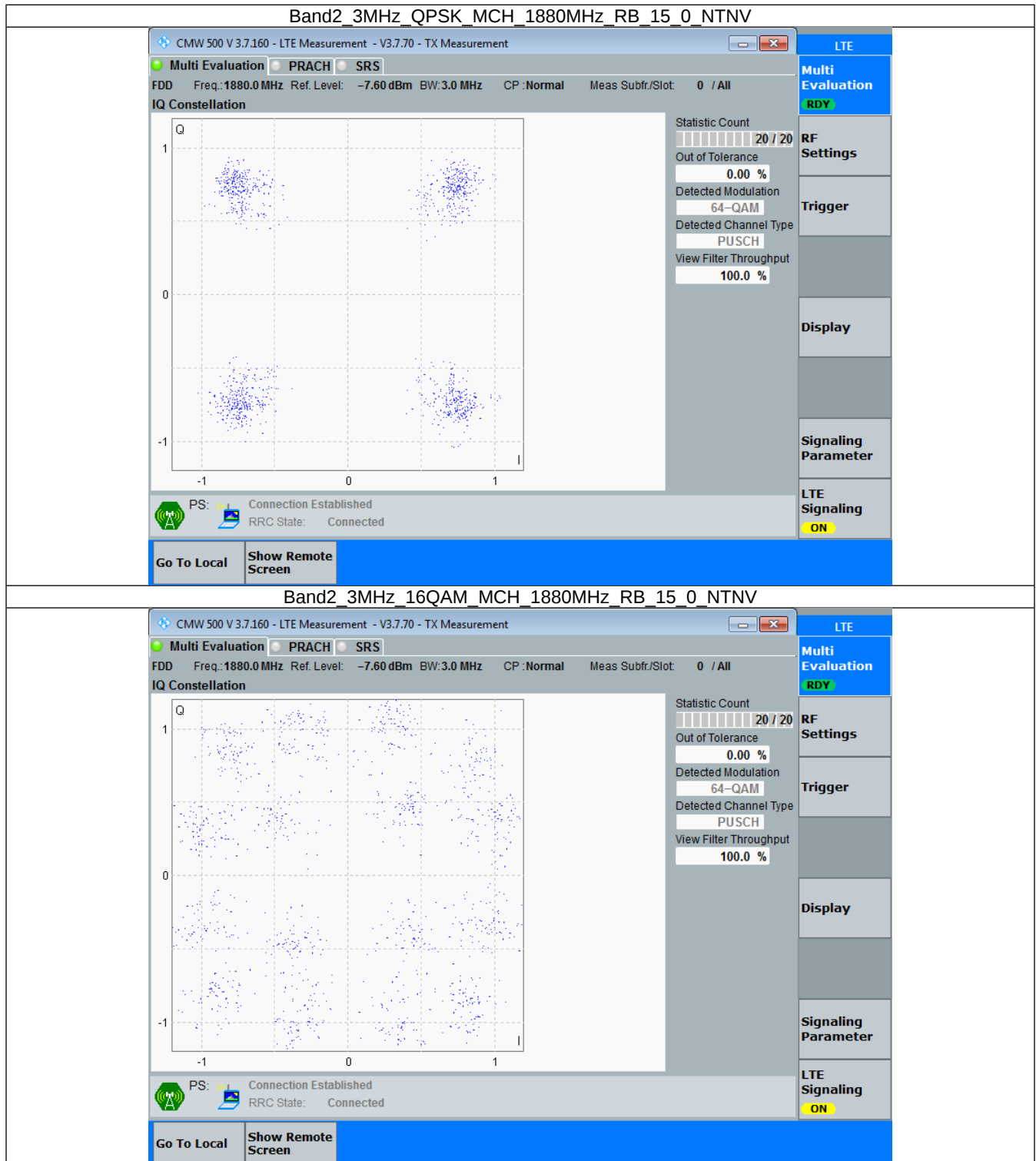


## 3.2 B2\_3MHz

### 3.2.1 Test Result

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

## 3.2.2 Test Graph

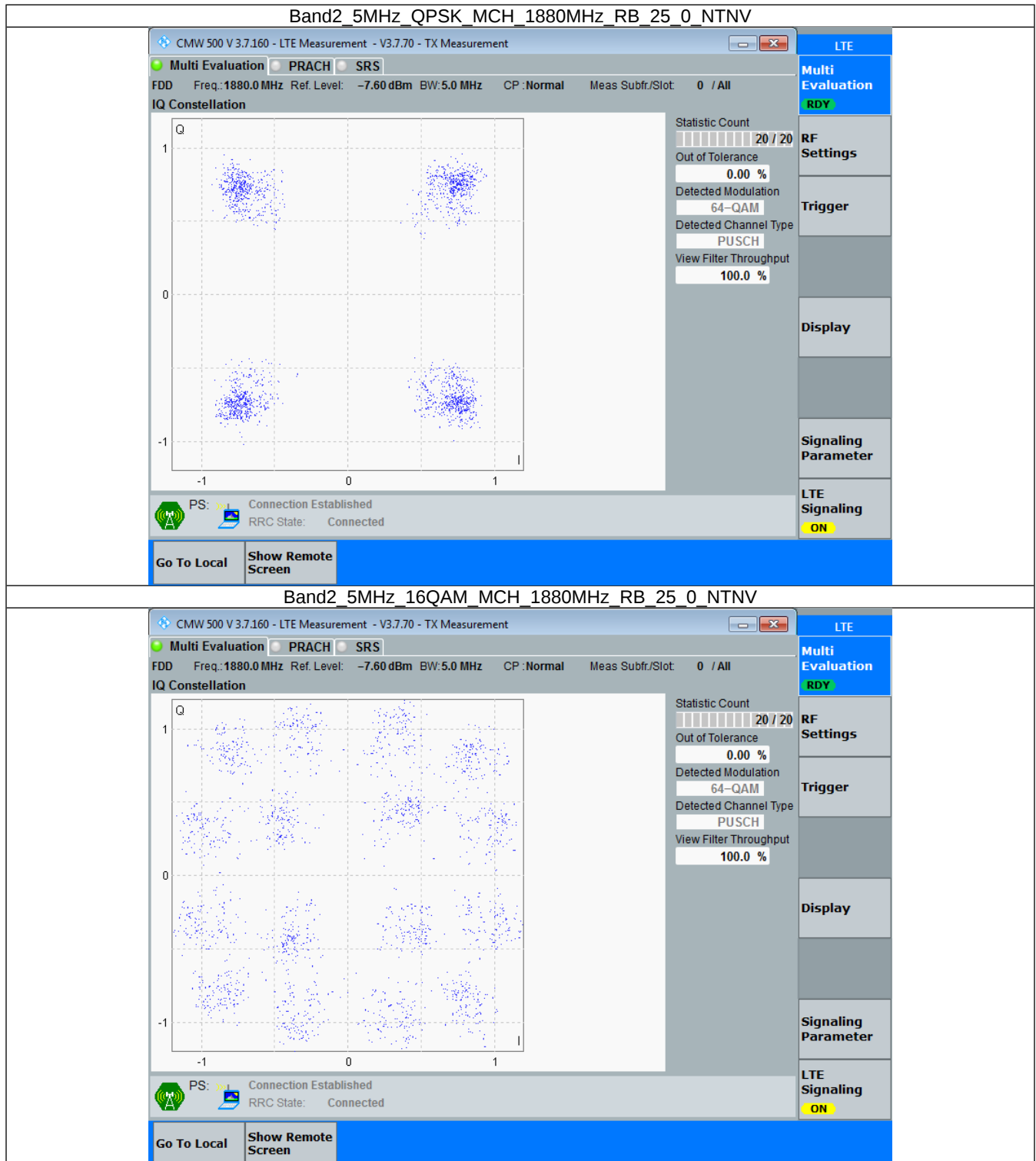


### 3.3 B2\_5MHz

#### 3.3.1 Test Result

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

## 3.3.2 Test Graph

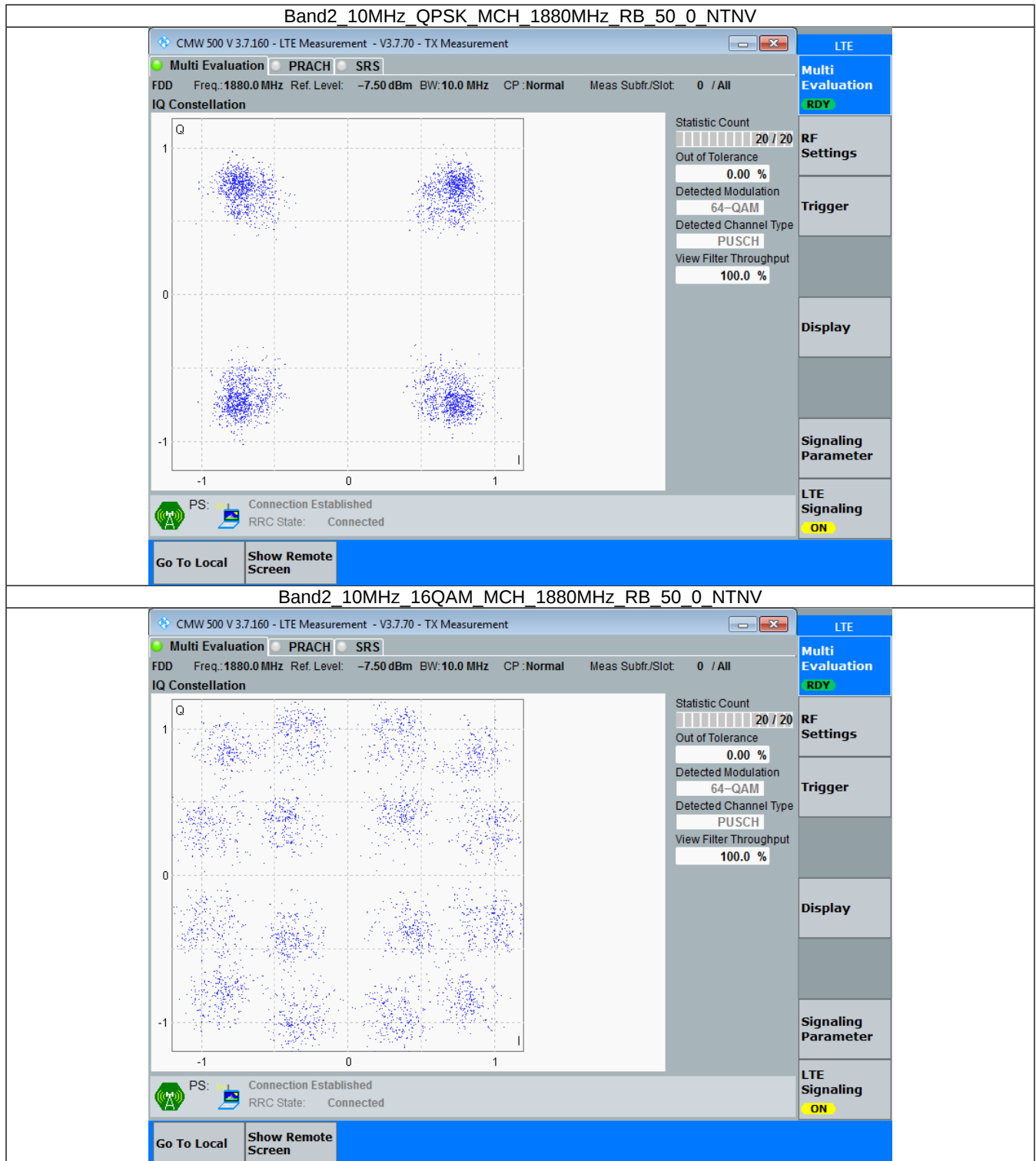


### 3.4 B2\_10MHz

#### 3.4.1 Test Result

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

## 3.4.2 Test Graph

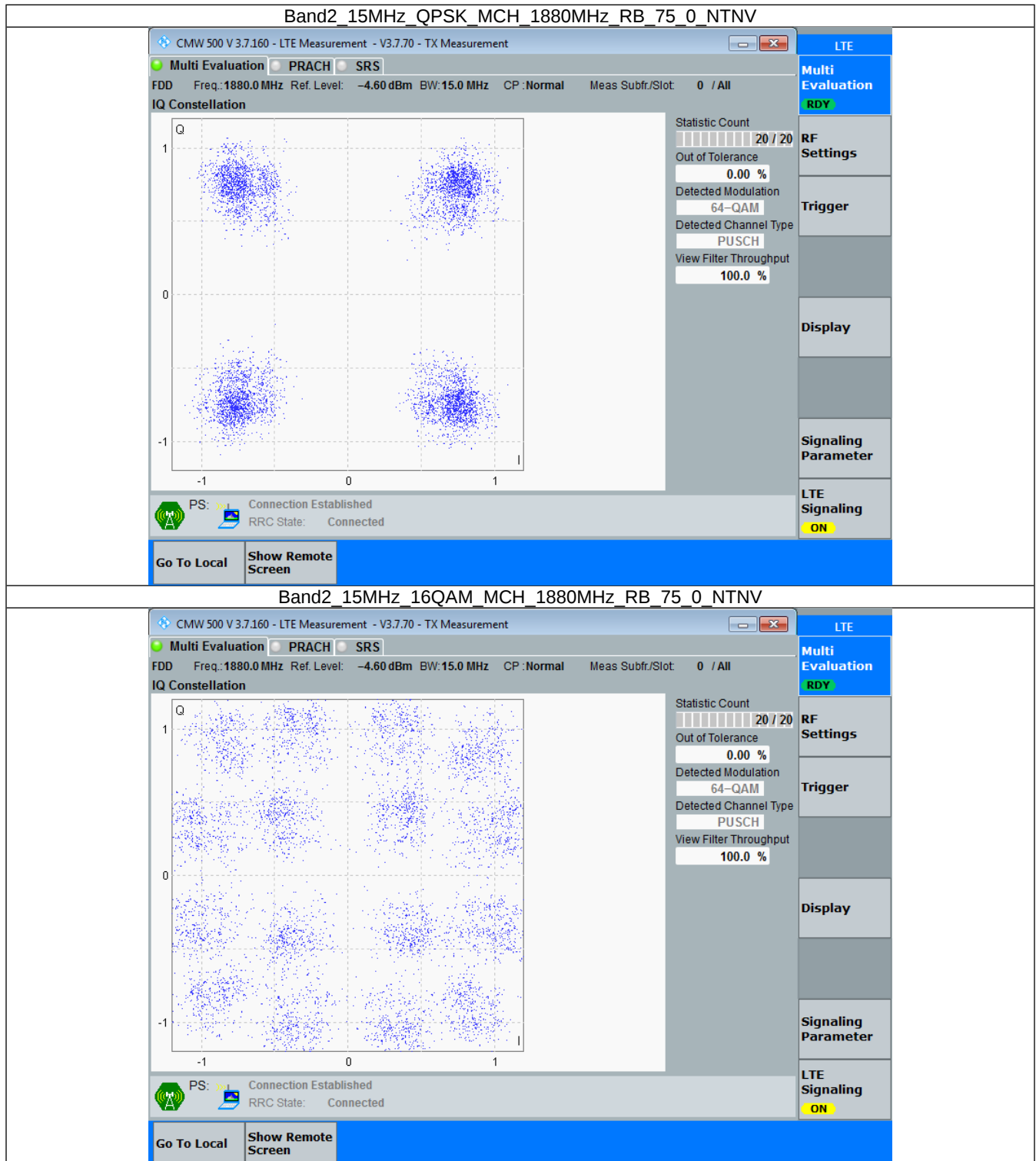


### 3.5 B2\_15MHz

#### 3.5.1 Test Result

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

## 3.5.2 Test Graph

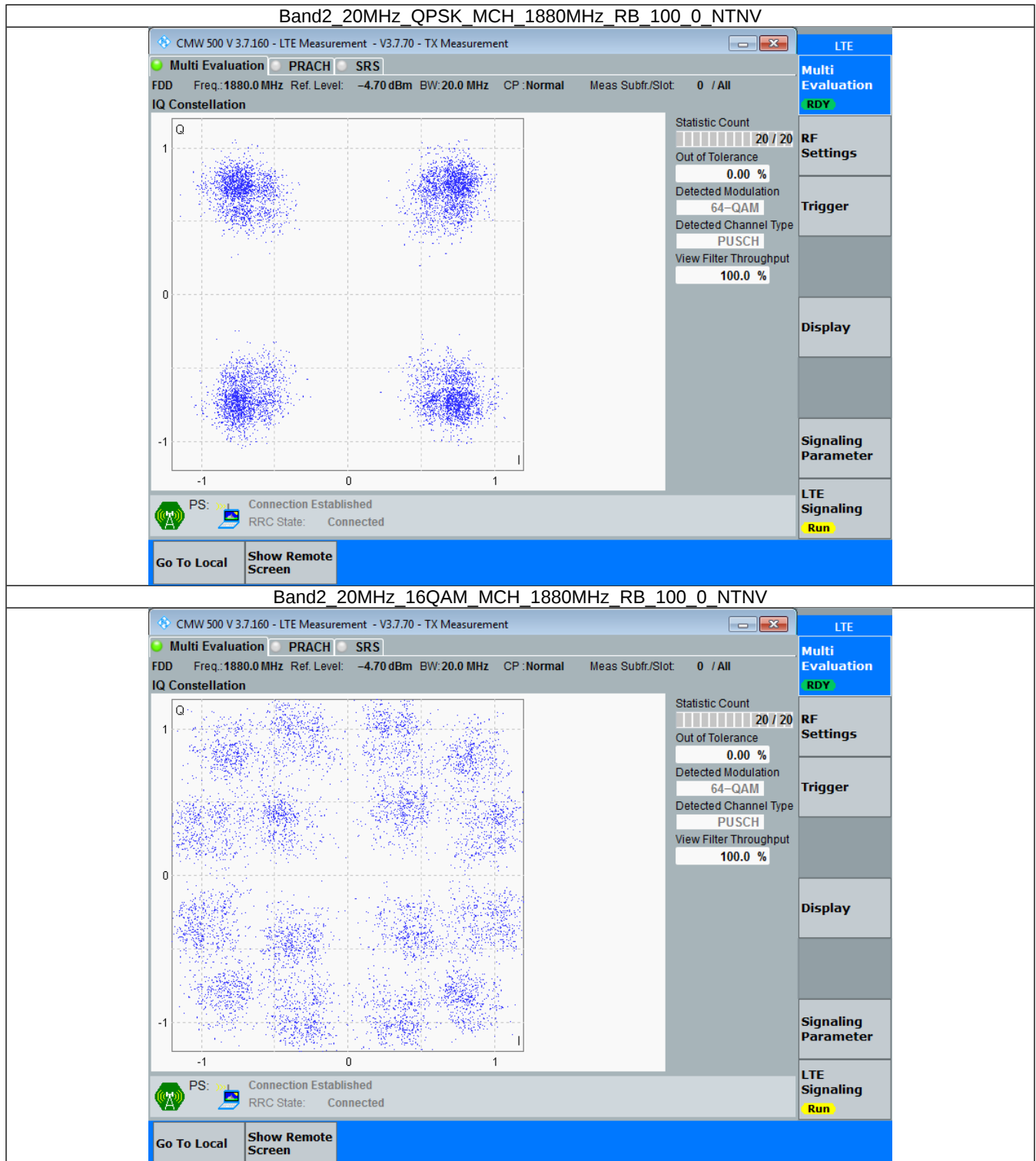


### 3.6 B2\_20MHz

#### 3.6.1 Test Result

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

## 3.6.2 Test Graph



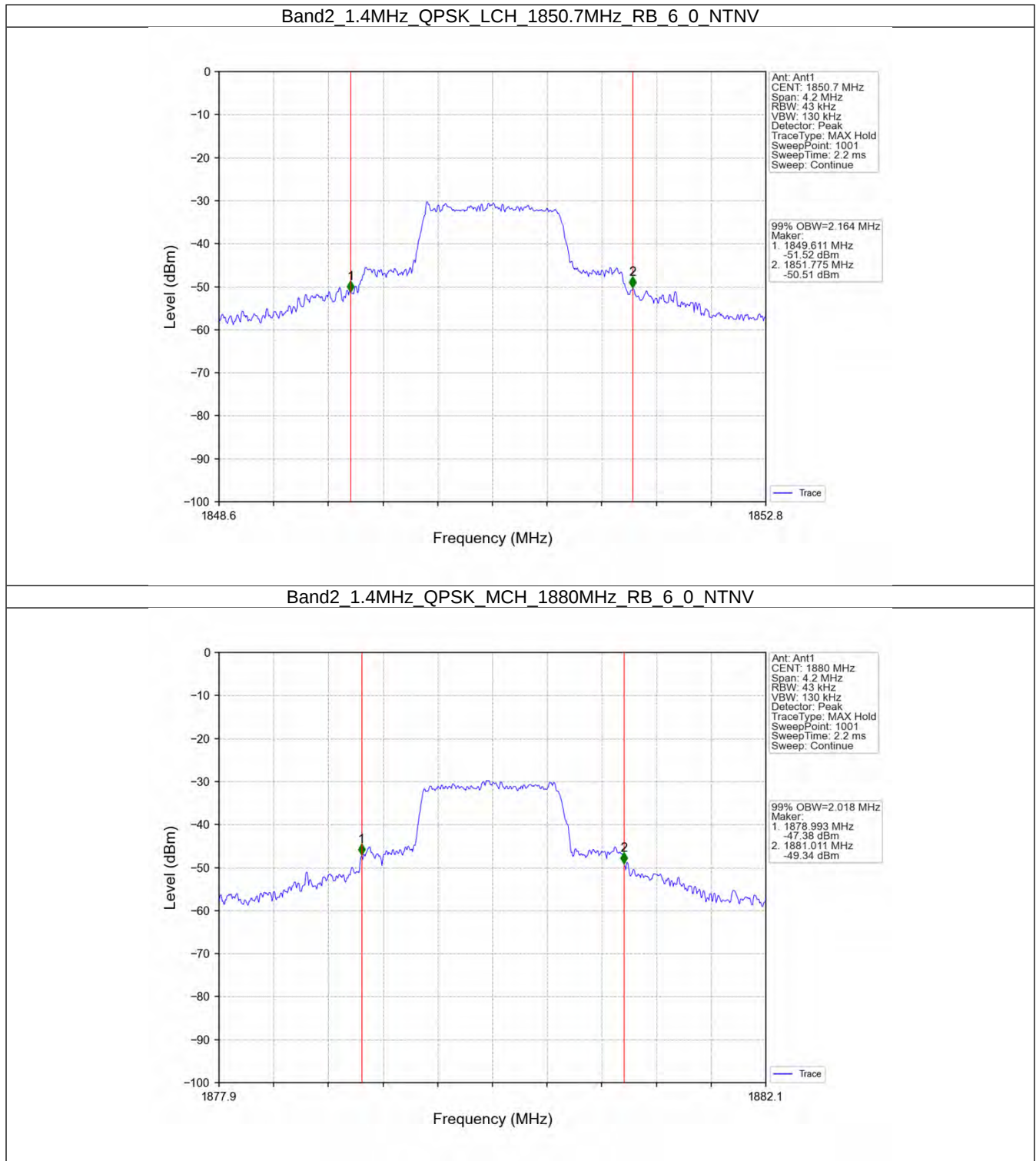
## 4. 99% & 26dB Bandwidth

### 4.1 Band2\_OBW

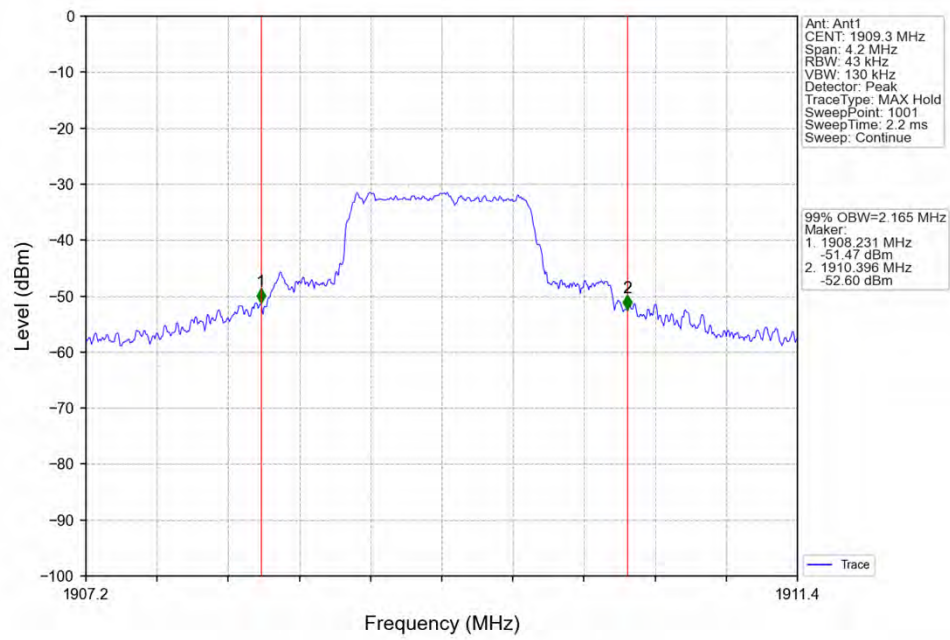
#### 4.1.1 Test Result

| Band: 2 / NTN   |            |                 |               |        |                              |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result                       |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 2.164                        | Pass    |
|                 |            | 1880            | 6             | 0      | 2.018                        | Pass    |
|                 |            | 1909.3          | 6             | 0      | 2.165                        | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 2.243                        | Pass    |
|                 |            | 1880            | 6             | 0      | 2.125                        | Pass    |
|                 |            | 1909.3          | 6             | 0      | 2.213                        | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 2.729                        | Pass    |
|                 |            | 1880            | 15            | 0      | 2.733                        | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.734                        | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 2.735                        | Pass    |
|                 |            | 1880            | 15            | 0      | 2.722                        | Pass    |
|                 |            | 1908.5          | 15            | 0      | 2.733                        | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 4.557                        | Pass    |
|                 |            | 1880            | 25            | 0      | 4.538                        | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.554                        | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 4.537                        | Pass    |
|                 |            | 1880            | 25            | 0      | 4.555                        | Pass    |
|                 |            | 1907.5          | 25            | 0      | 4.575                        | Pass    |
| 10              | QPSK       | 1855            | 50            | 0      | 9.066                        | Pass    |
|                 |            | 1880            | 50            | 0      | 9.047                        | Pass    |
|                 |            | 1905            | 50            | 0      | 9.088                        | Pass    |
|                 | 16QAM      | 1855            | 50            | 0      | 9.069                        | Pass    |
|                 |            | 1880            | 50            | 0      | 9.066                        | Pass    |
|                 |            | 1905            | 50            | 0      | 9.076                        | Pass    |
| 15              | QPSK       | 1857.5          | 75            | 0      | 13.620                       | Pass    |
|                 |            | 1880            | 75            | 0      | 13.587                       | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.633                       | Pass    |
|                 | 16QAM      | 1857.5          | 75            | 0      | 13.654                       | Pass    |
|                 |            | 1880            | 75            | 0      | 13.616                       | Pass    |
|                 |            | 1902.5          | 75            | 0      | 13.638                       | Pass    |
| 20              | QPSK       | 1860            | 100           | 0      | 18.114                       | Pass    |
|                 |            | 1880            | 100           | 0      | 18.104                       | Pass    |
|                 |            | 1900            | 100           | 0      | 18.118                       | Pass    |
|                 | 16QAM      | 1860            | 100           | 0      | 18.178                       | Pass    |
|                 |            | 1880            | 100           | 0      | 18.110                       | Pass    |
|                 |            | 1900            | 100           | 0      | 18.149                       | Pass    |

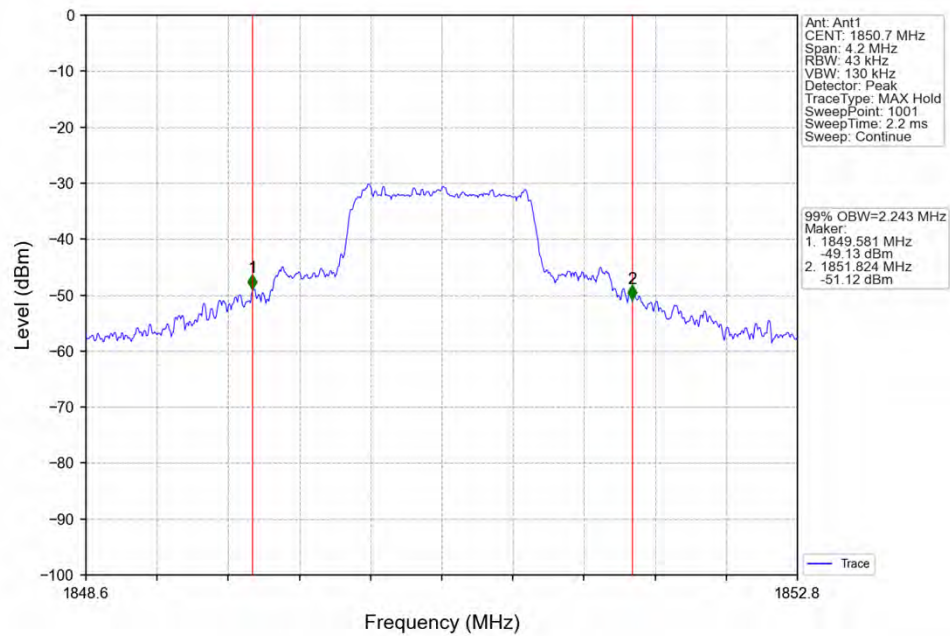
## 4.1.2 Test Graph



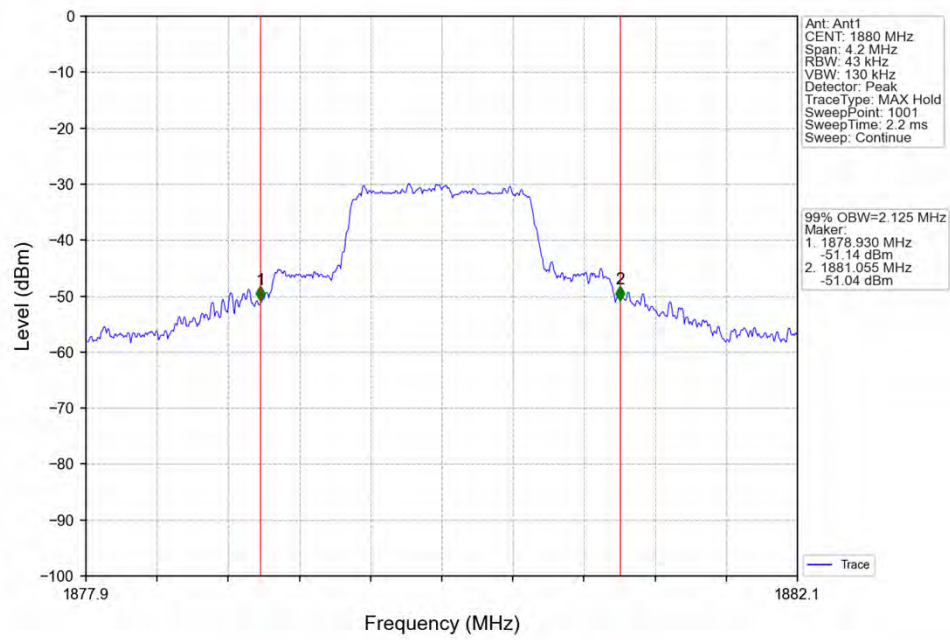
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



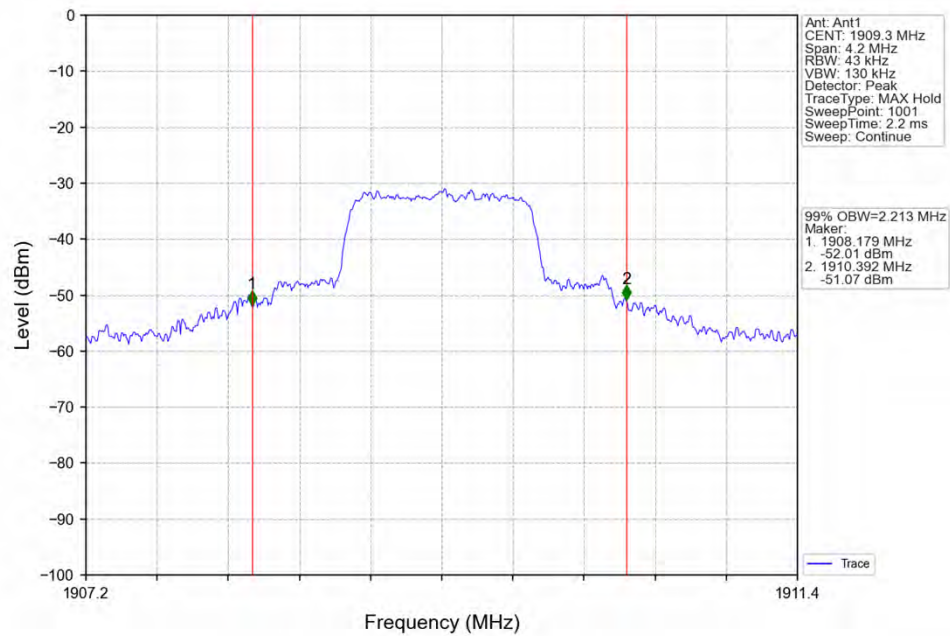
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



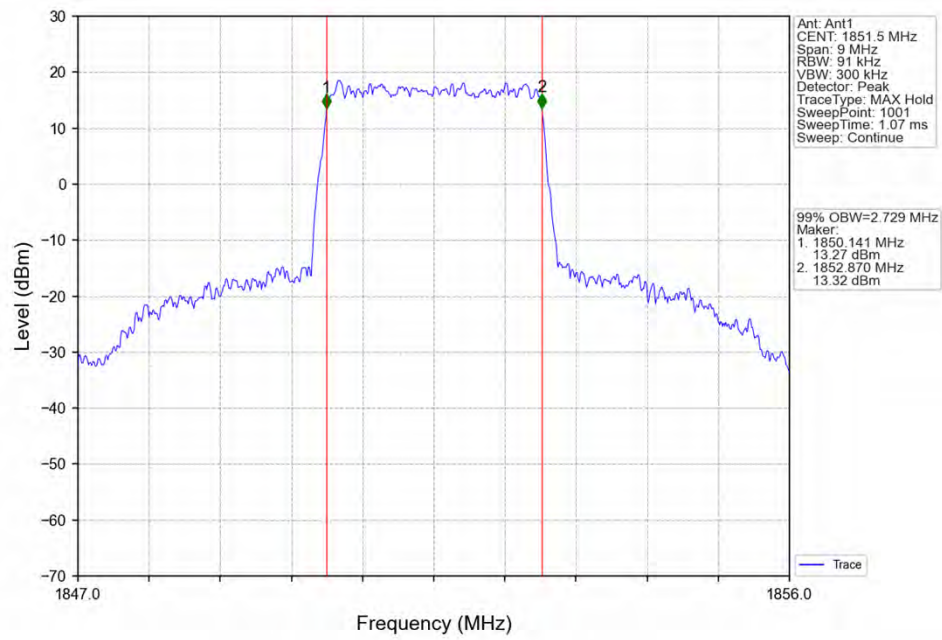
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



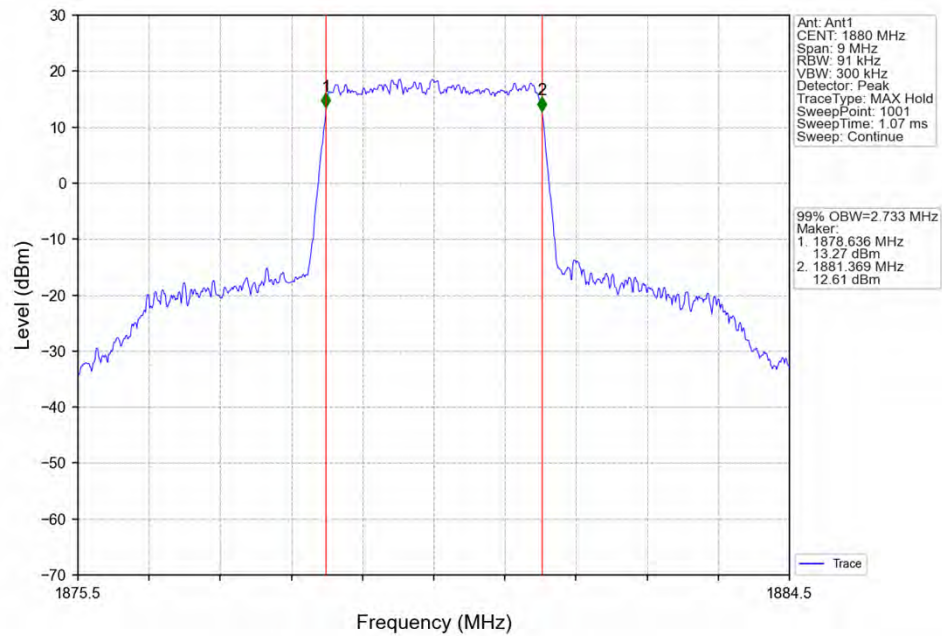
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



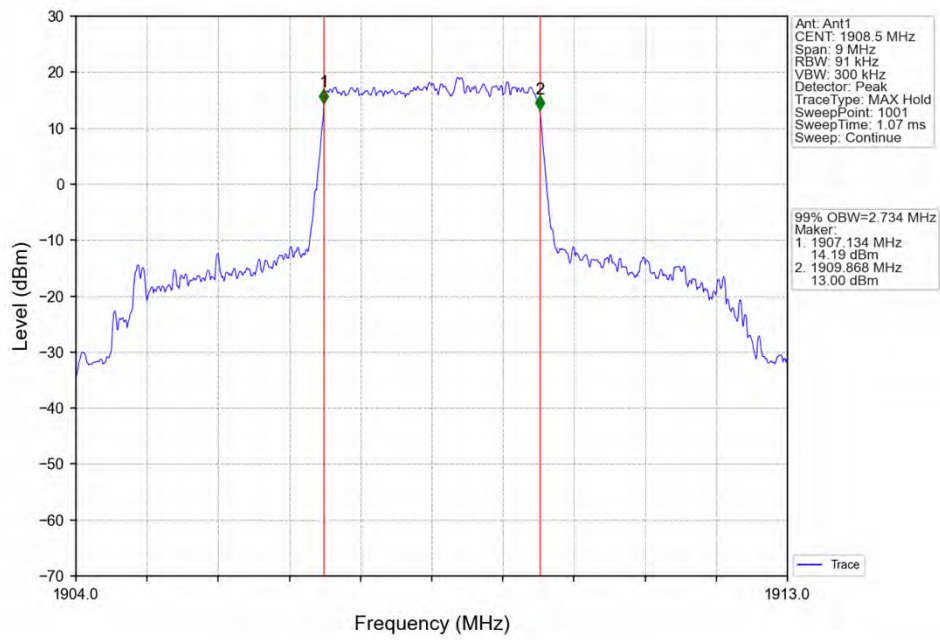
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



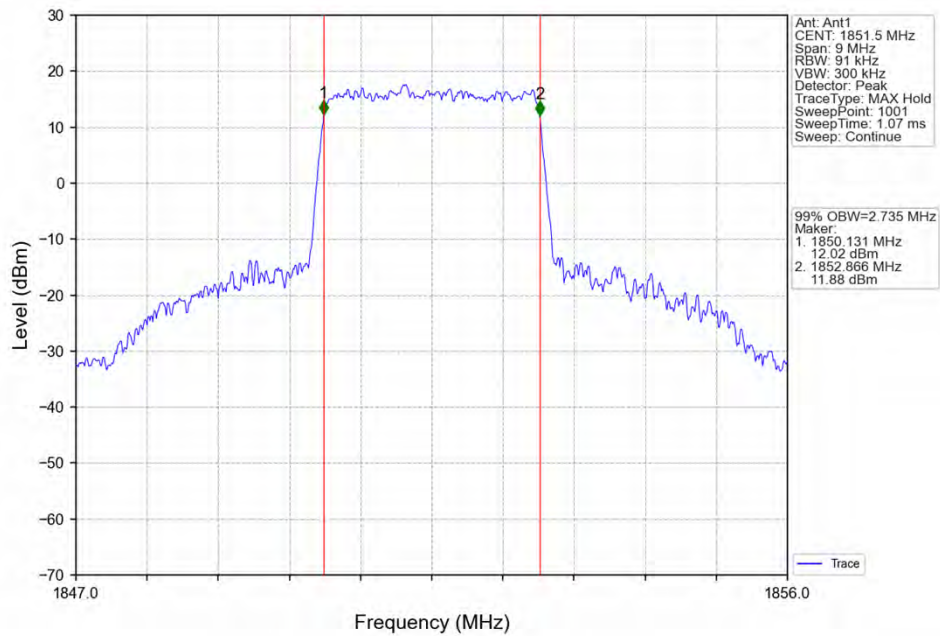
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



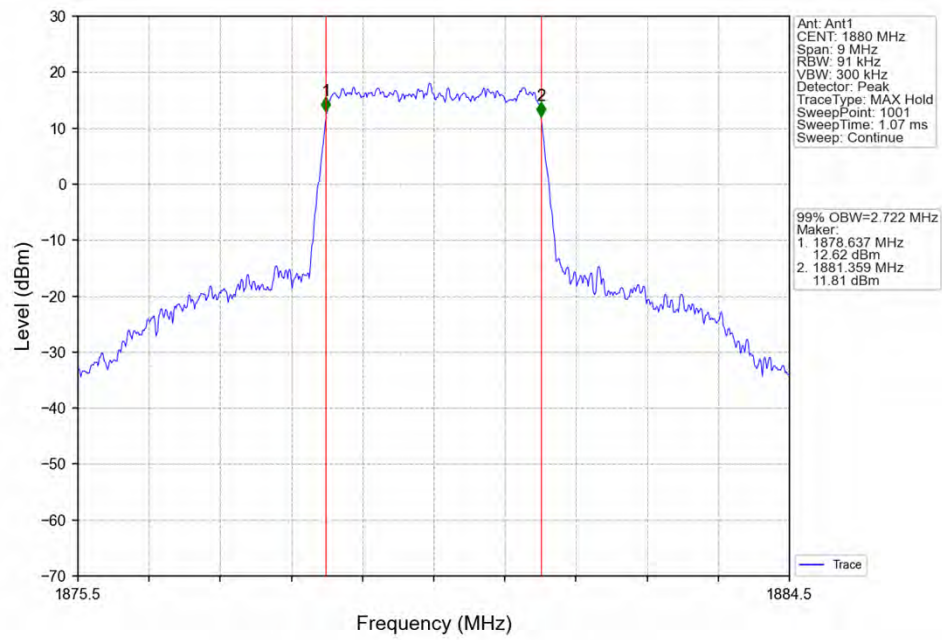
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



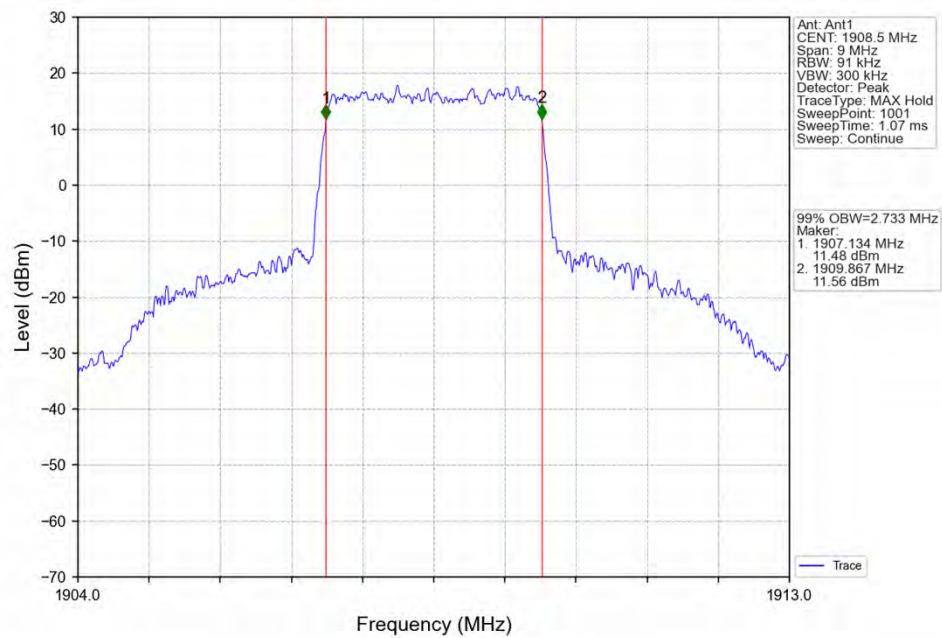
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



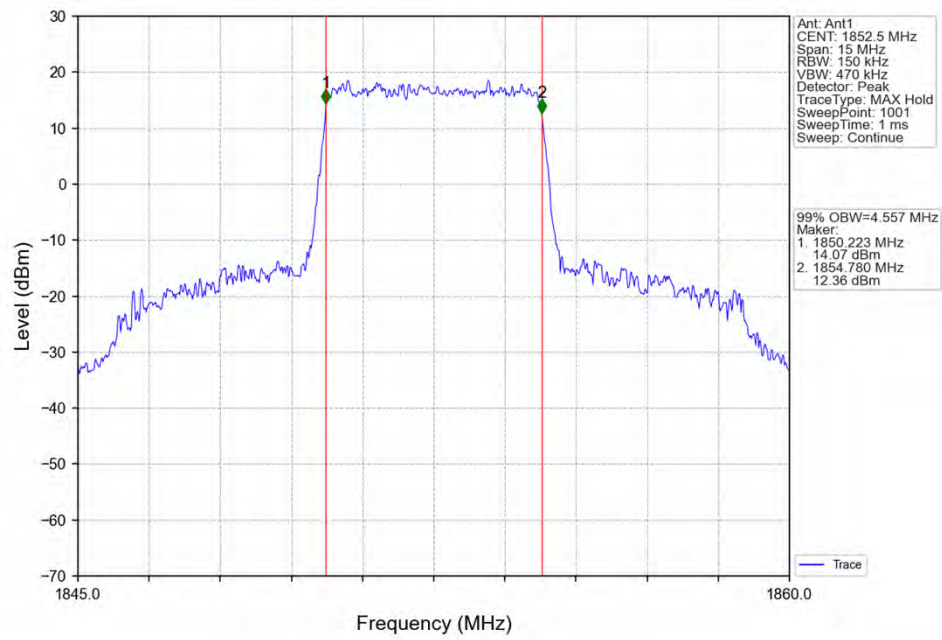
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



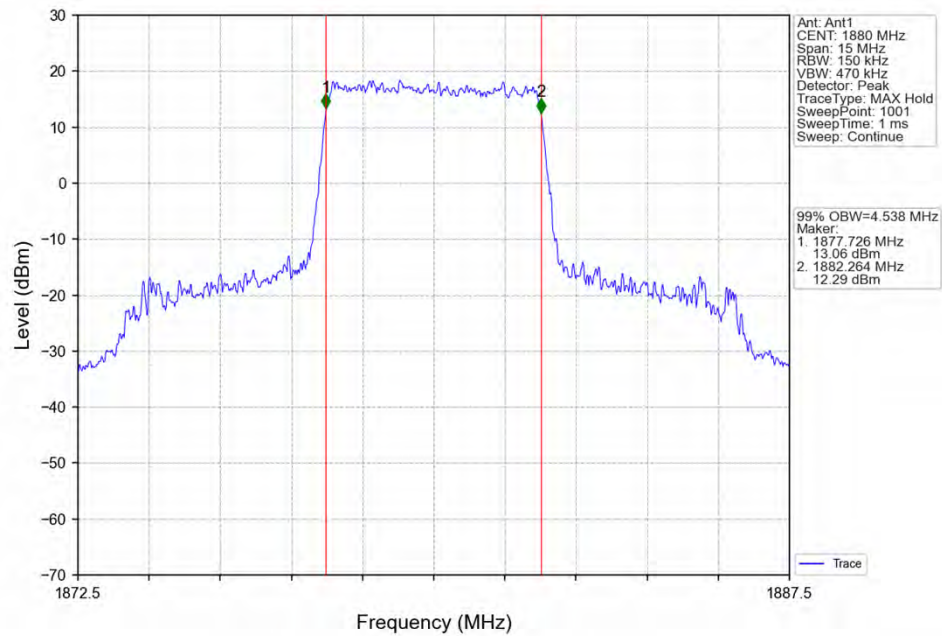
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



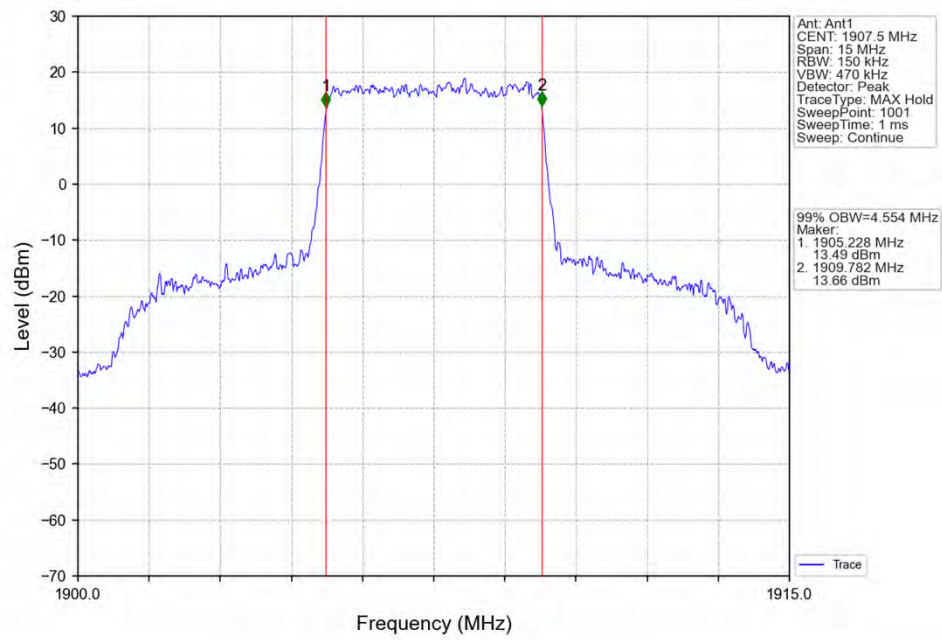
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



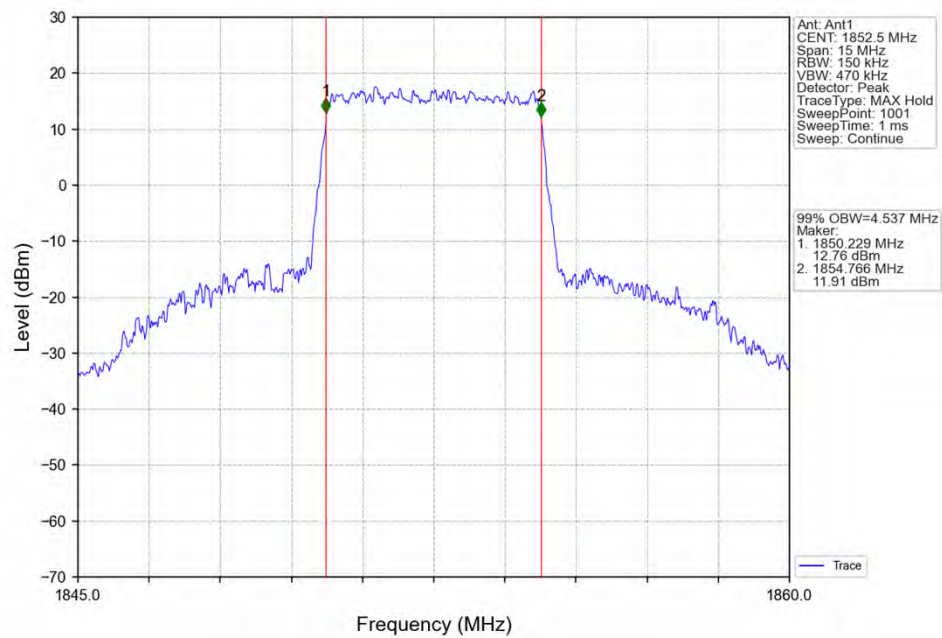
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



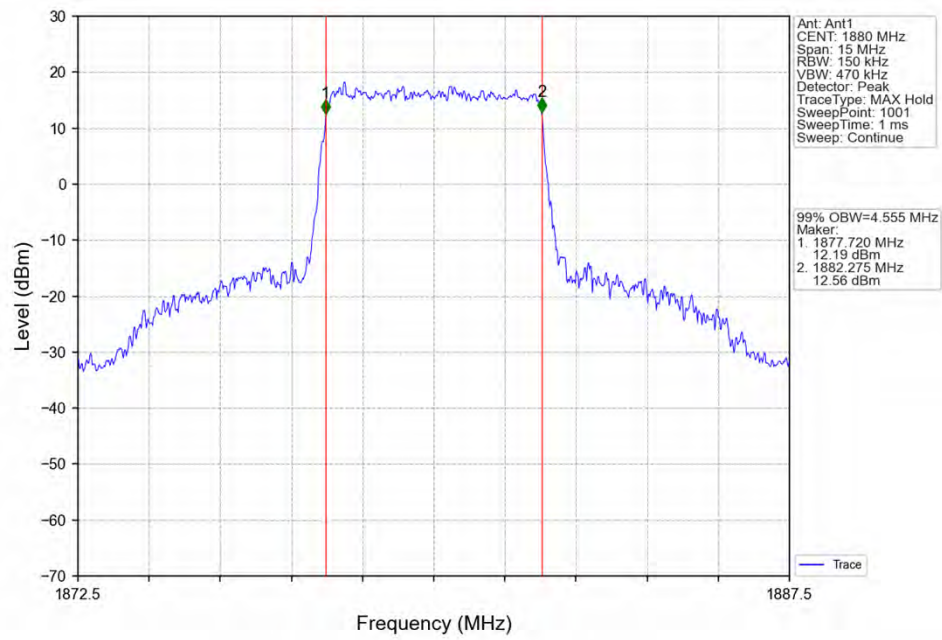
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



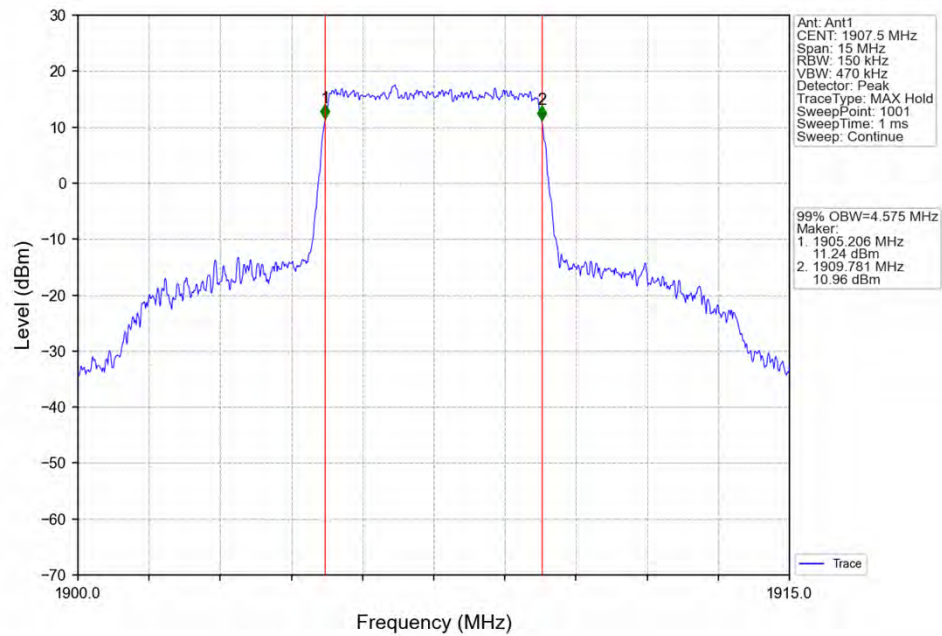
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



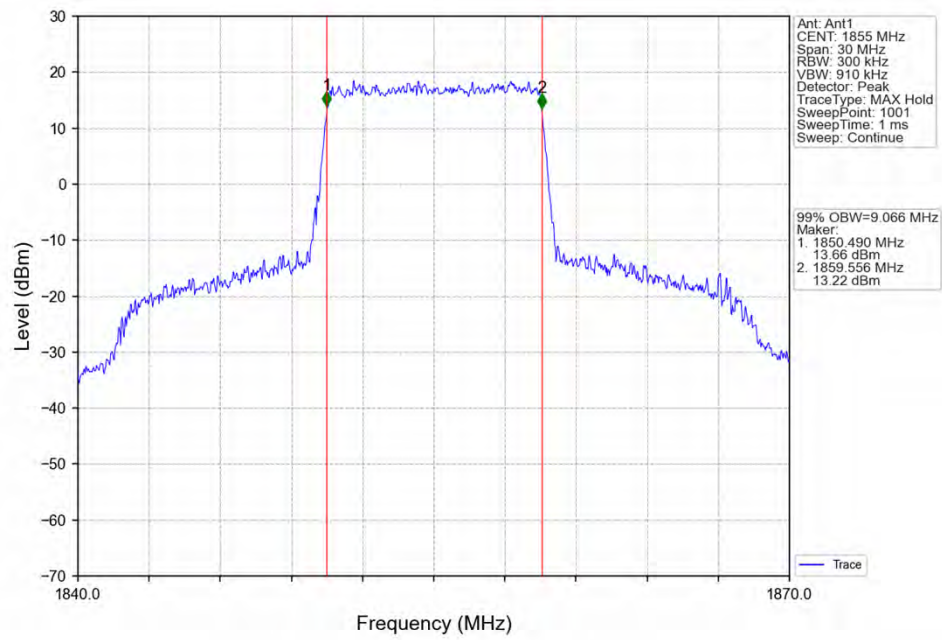
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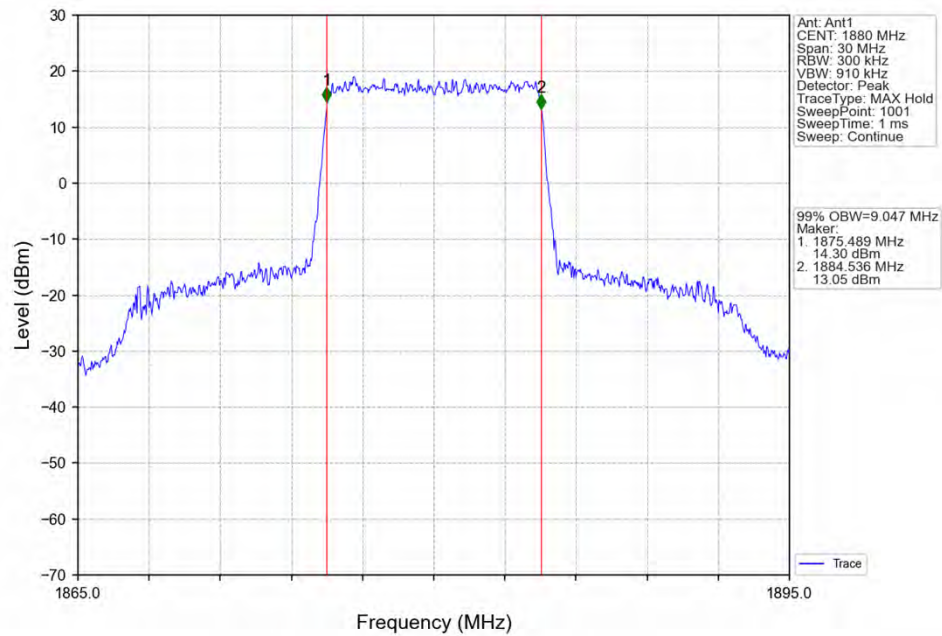
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



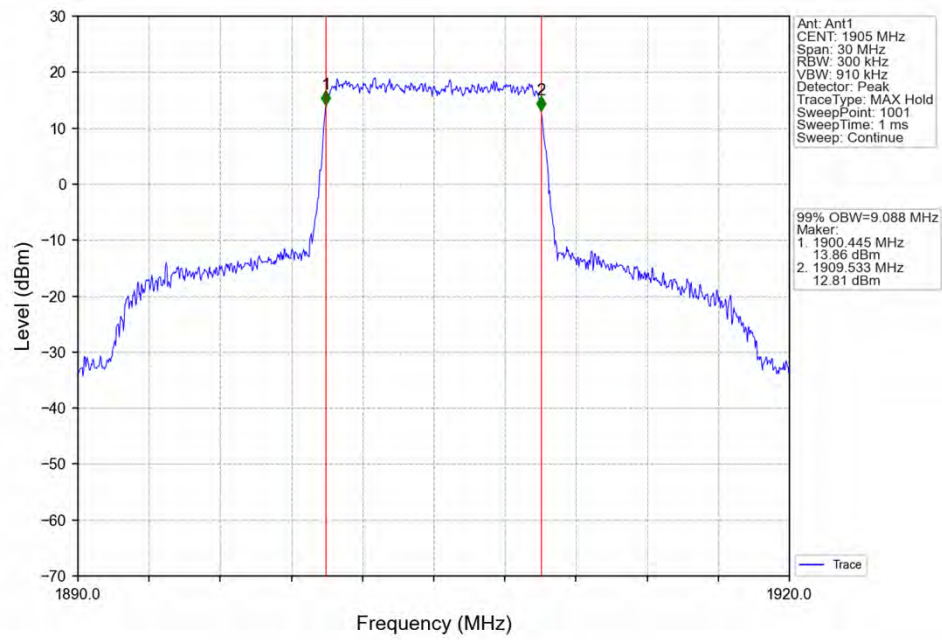
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



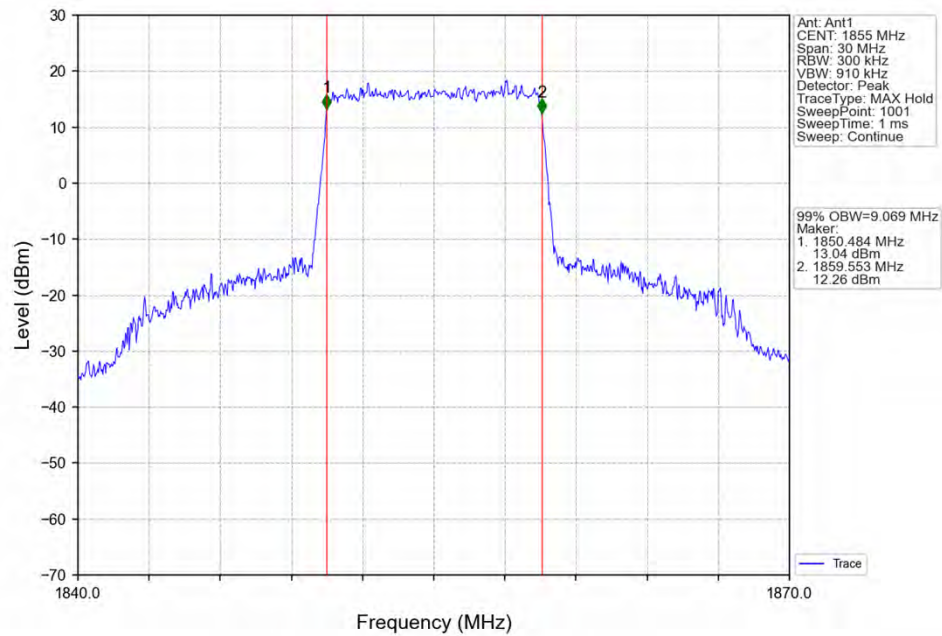
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



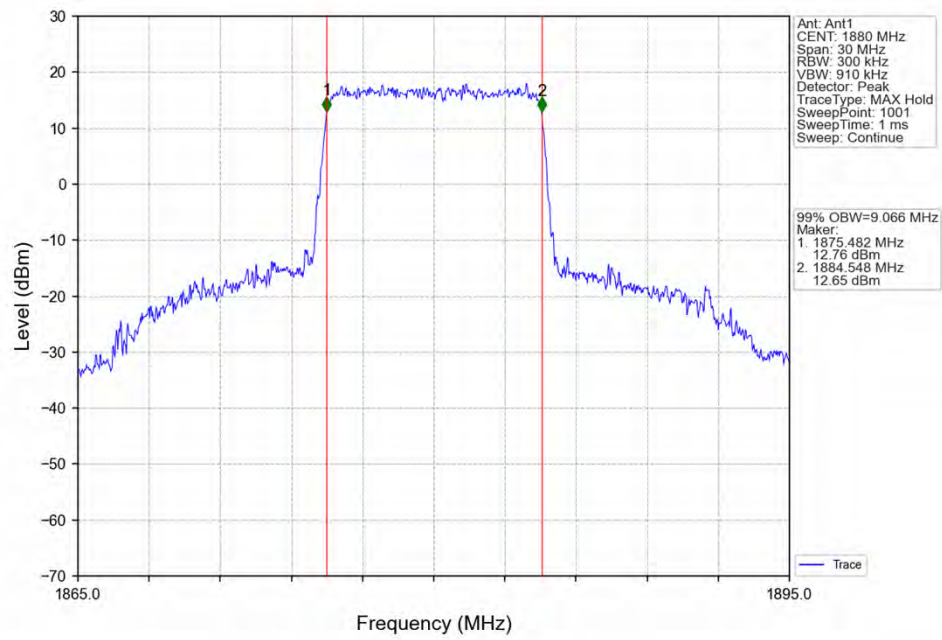
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



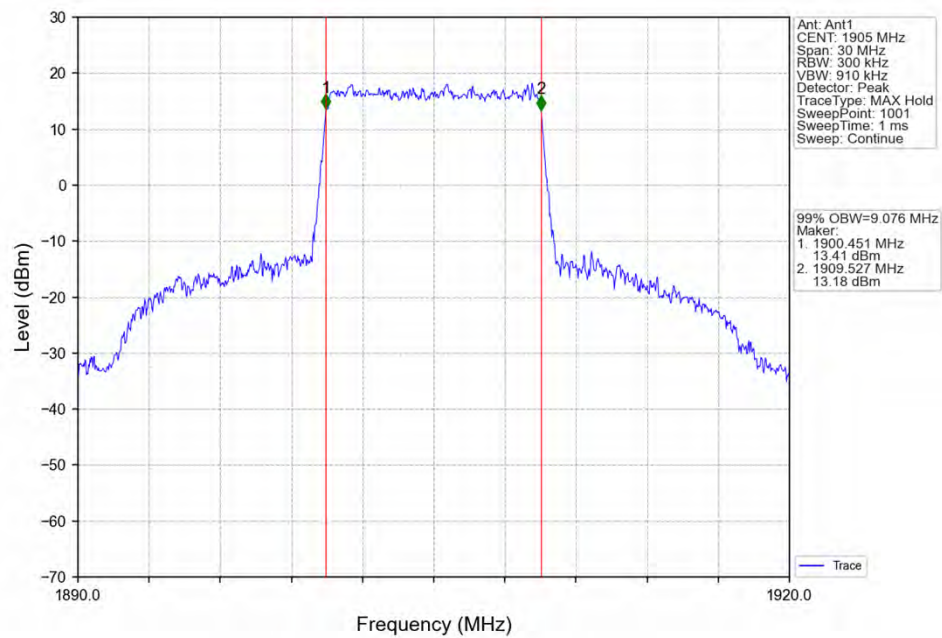
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



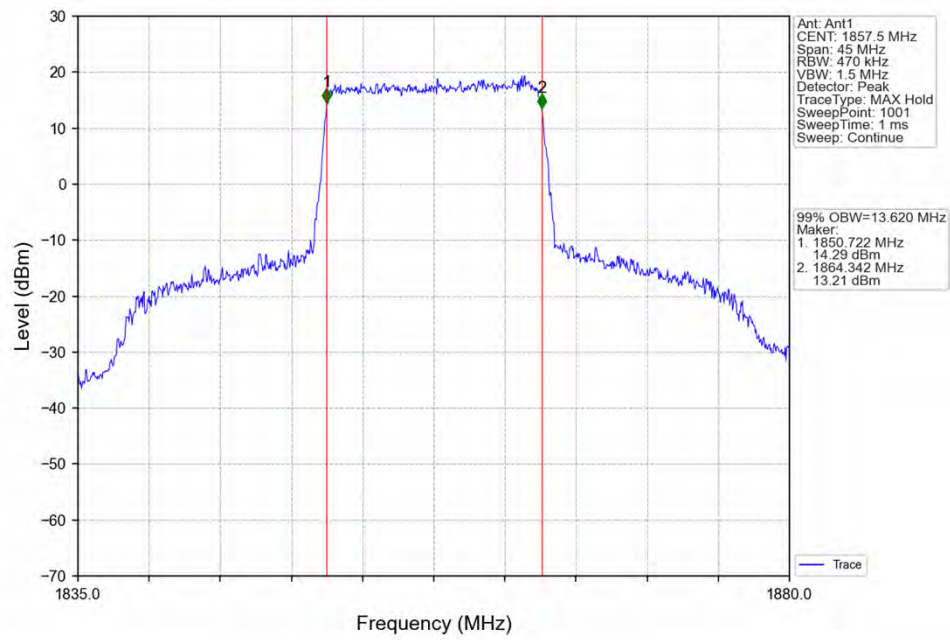
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



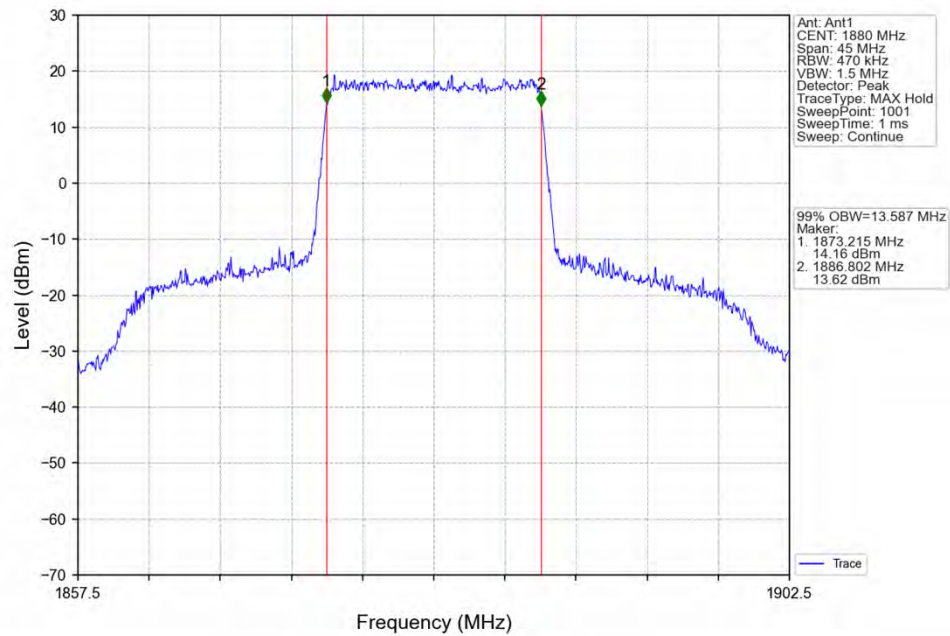
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



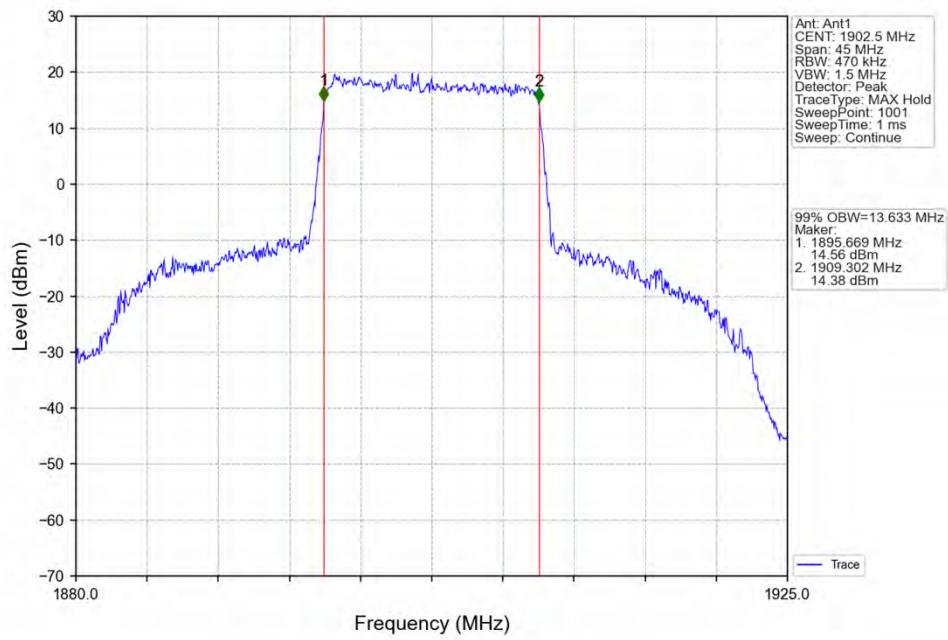
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



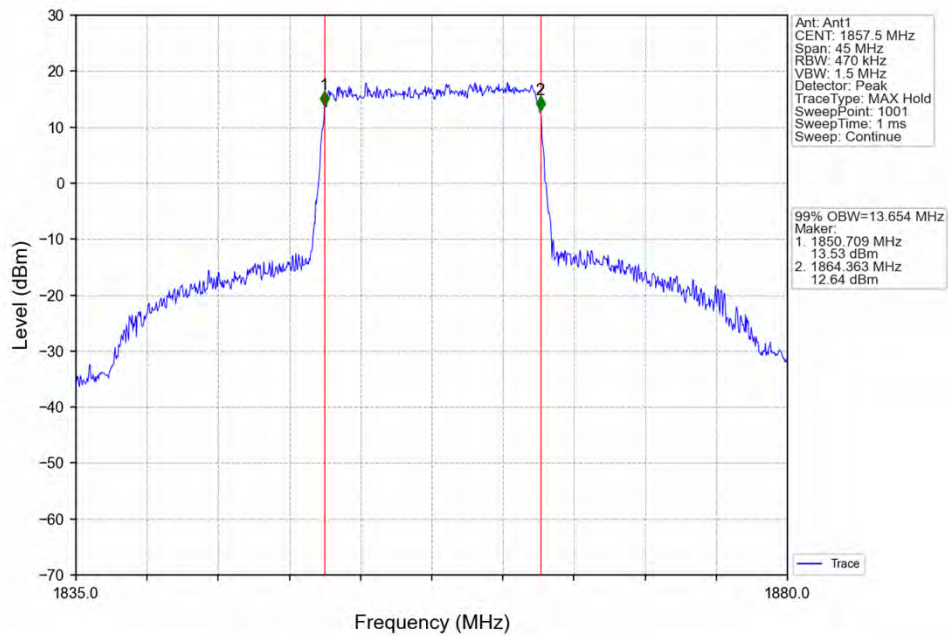
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



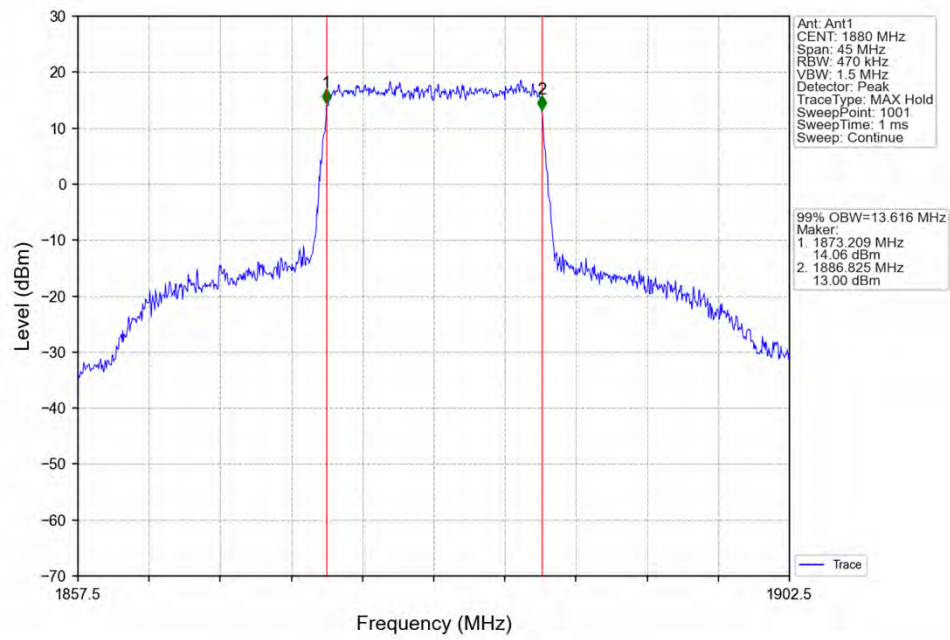
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



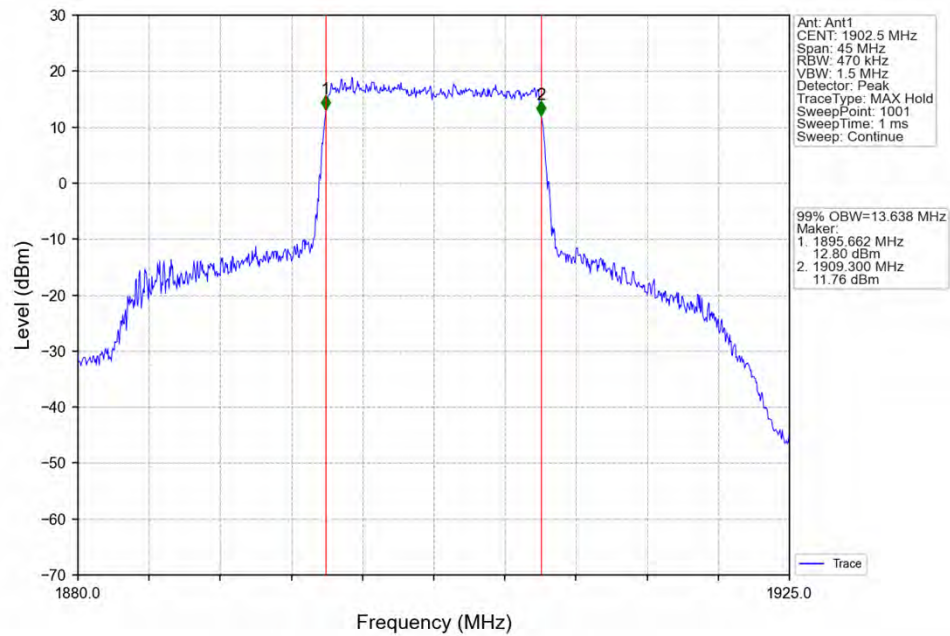
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



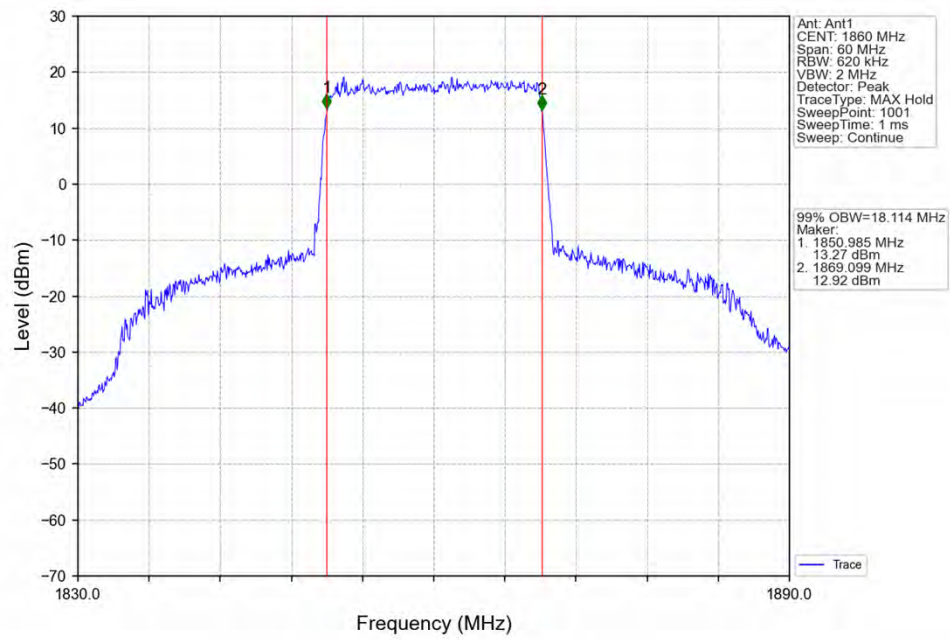
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



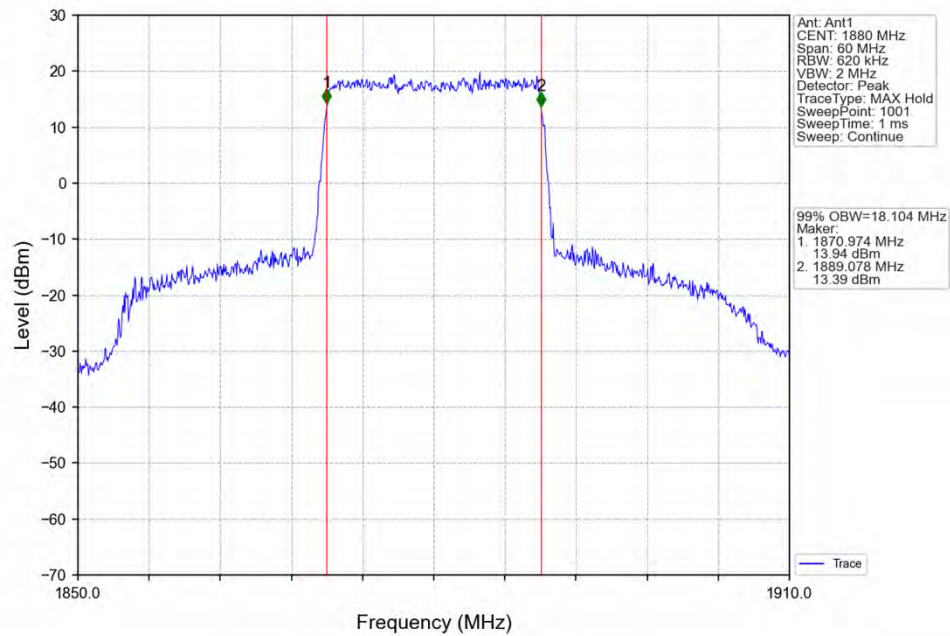
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



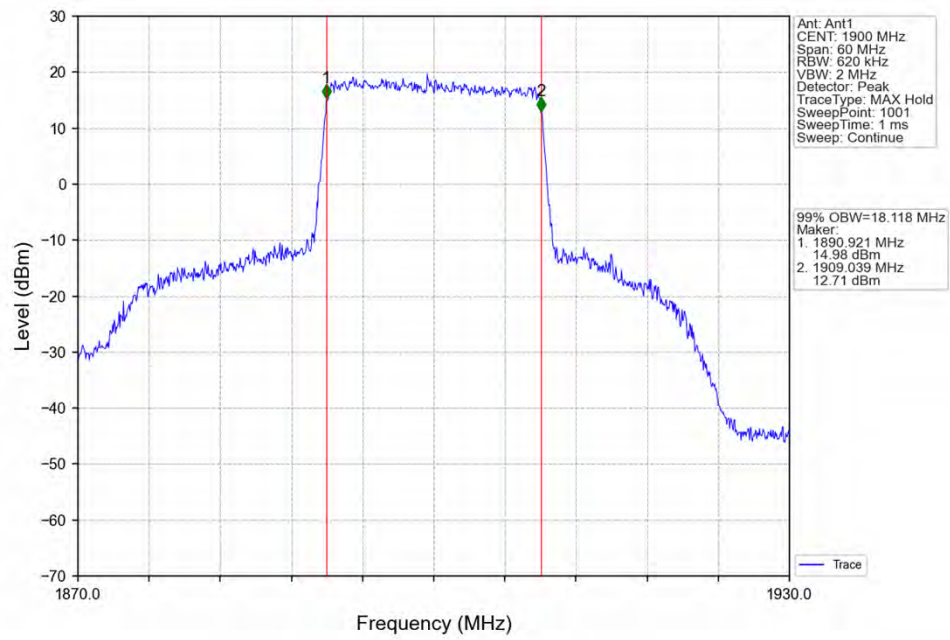
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



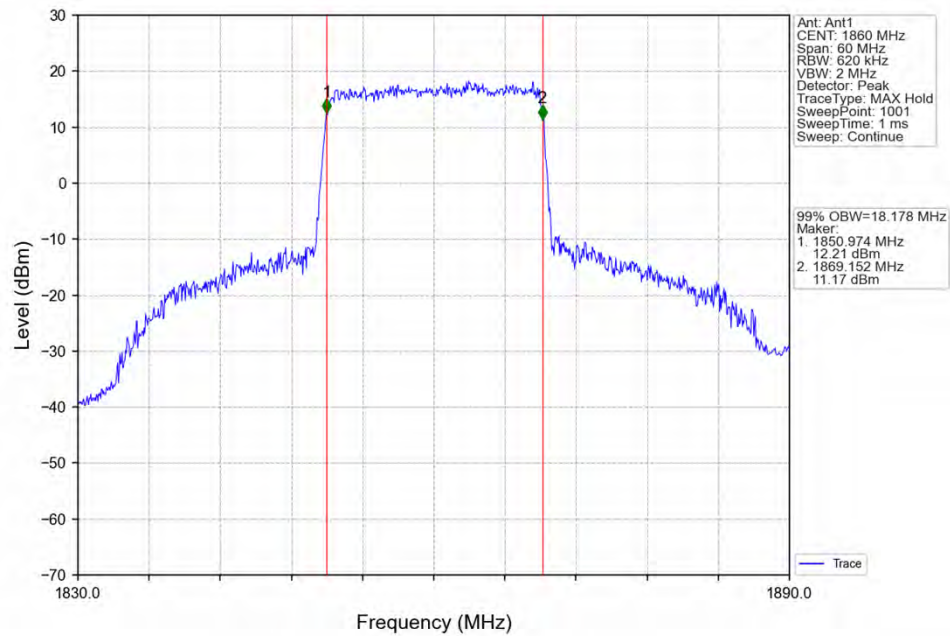
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



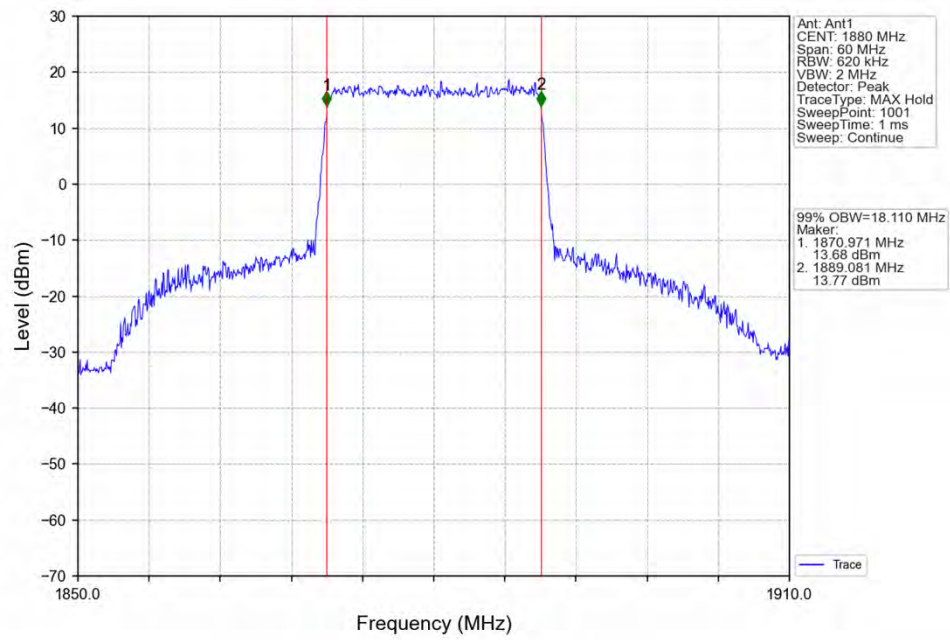
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



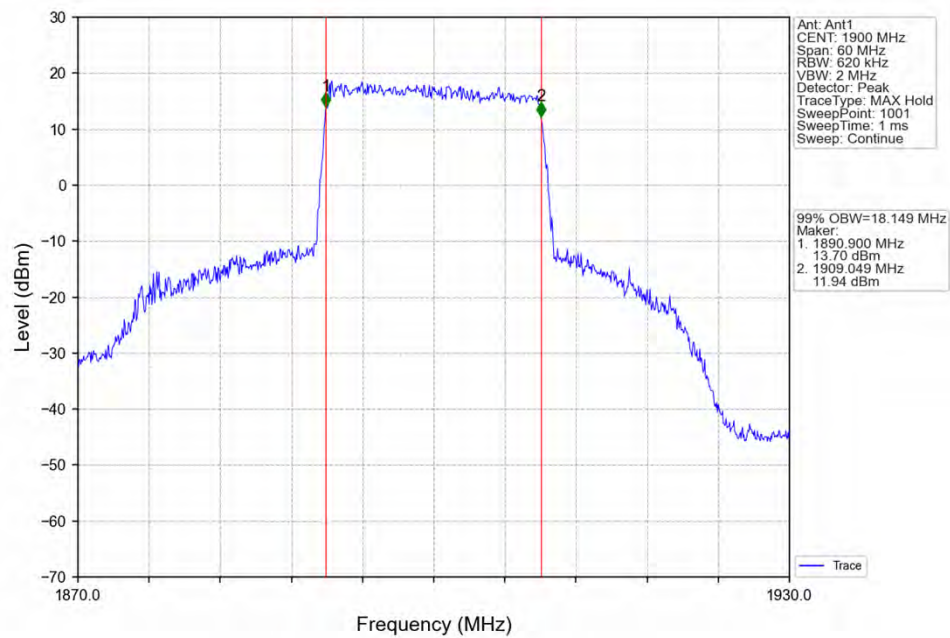
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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

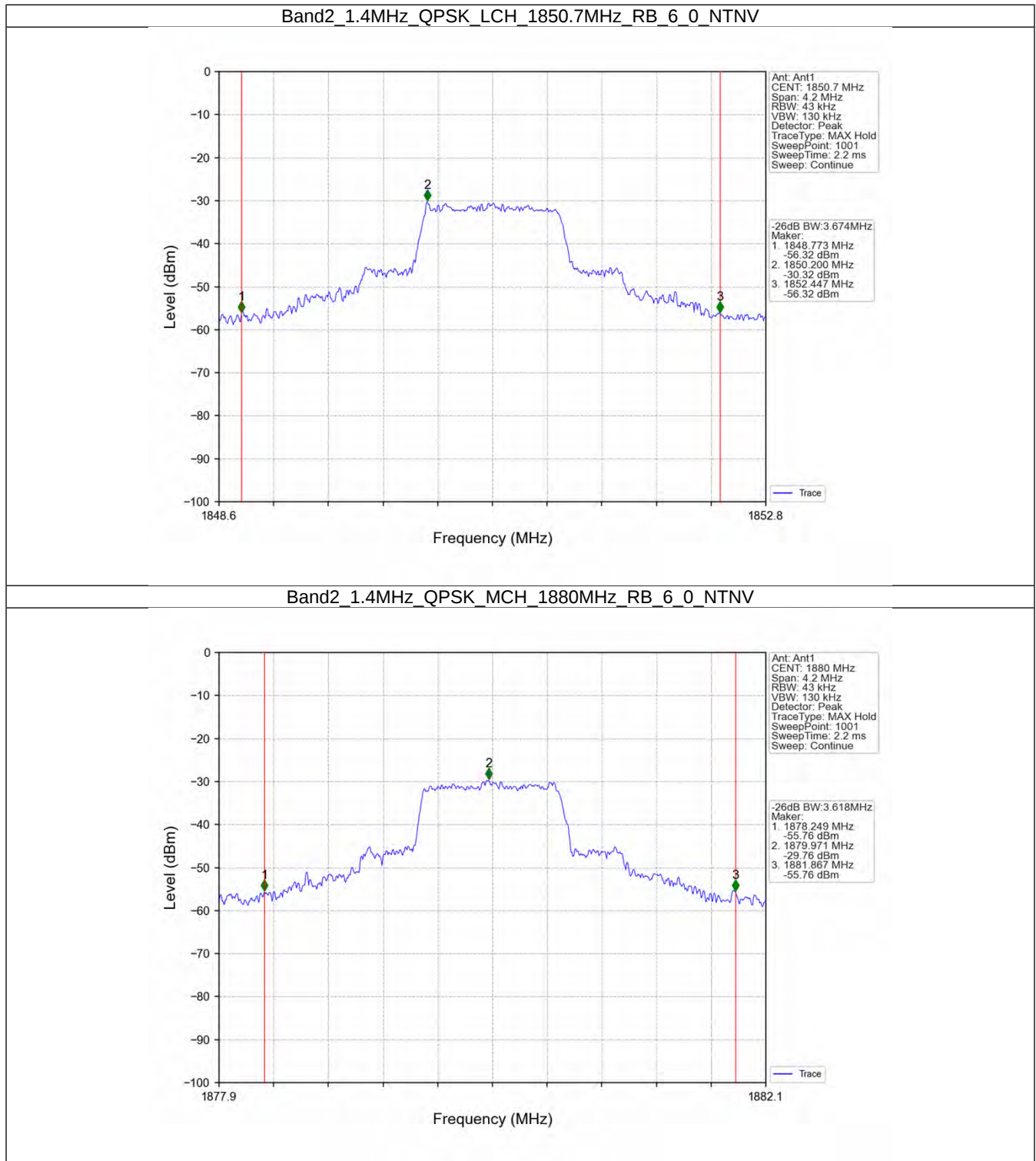


## 4.2 Band2\_XDB

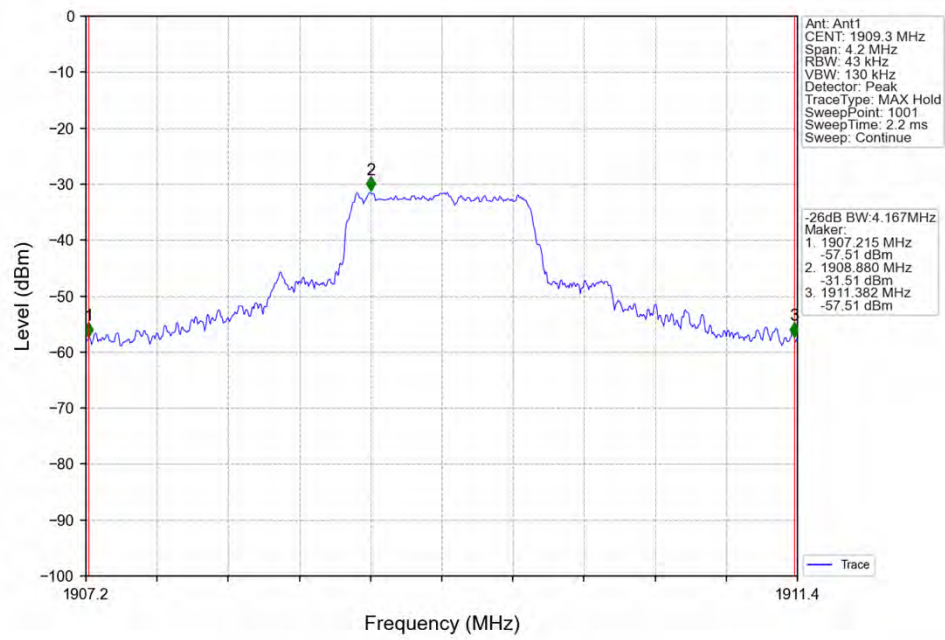
## 4.2.1 Test Result

| Band: 2 / NTNV  |            |                 |               |        |                      |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) | Verdict |
|                 |            |                 | Size          | Offset | Result               |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 3.674                | Pass    |
|                 |            | 1880            | 6             | 0      | 3.618                | Pass    |
|                 |            | 1909.3          | 6             | 0      | 4.167                | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 3.745                | Pass    |
|                 |            | 1880            | 6             | 0      | 4.055                | Pass    |
|                 |            | 1909.3          | 6             | 0      | 4.107                | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 3.027                | Pass    |
|                 |            | 1880            | 15            | 0      | 3.025                | Pass    |
|                 |            | 1908.5          | 15            | 0      | 3.013                | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 3.012                | Pass    |
|                 |            | 1880            | 15            | 0      | 3.029                | Pass    |
|                 |            | 1908.5          | 15            | 0      | 3.006                | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 5.044                | Pass    |
|                 |            | 1880            | 25            | 0      | 5.033                | Pass    |
|                 |            | 1907.5          | 25            | 0      | 5.044                | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 5.071                | Pass    |
|                 |            | 1880            | 25            | 0      | 5.073                | Pass    |
|                 |            | 1907.5          | 25            | 0      | 5.061                | Pass    |
| 10              | QPSK       | 1855            | 50            | 0      | 10.139               | Pass    |
|                 |            | 1880            | 50            | 0      | 9.979                | Pass    |
|                 |            | 1905            | 50            | 0      | 10.055               | Pass    |
|                 | 16QAM      | 1855            | 50            | 0      | 9.954                | Pass    |
|                 |            | 1880            | 50            | 0      | 9.911                | Pass    |
|                 |            | 1905            | 50            | 0      | 9.987                | Pass    |
| 15              | QPSK       | 1857.5          | 75            | 0      | 15.073               | Pass    |
|                 |            | 1880            | 75            | 0      | 14.964               | Pass    |
|                 |            | 1902.5          | 75            | 0      | 15.032               | Pass    |
|                 | 16QAM      | 1857.5          | 75            | 0      | 14.998               | Pass    |
|                 |            | 1880            | 75            | 0      | 14.904               | Pass    |
|                 |            | 1902.5          | 75            | 0      | 14.914               | Pass    |
| 20              | QPSK       | 1860            | 100           | 0      | 19.717               | Pass    |
|                 |            | 1880            | 100           | 0      | 19.717               | Pass    |
|                 |            | 1900            | 100           | 0      | 19.720               | Pass    |
|                 | 16QAM      | 1860            | 100           | 0      | 19.756               | Pass    |
|                 |            | 1880            | 100           | 0      | 19.940               | Pass    |
|                 |            | 1900            | 100           | 0      | 19.846               | Pass    |

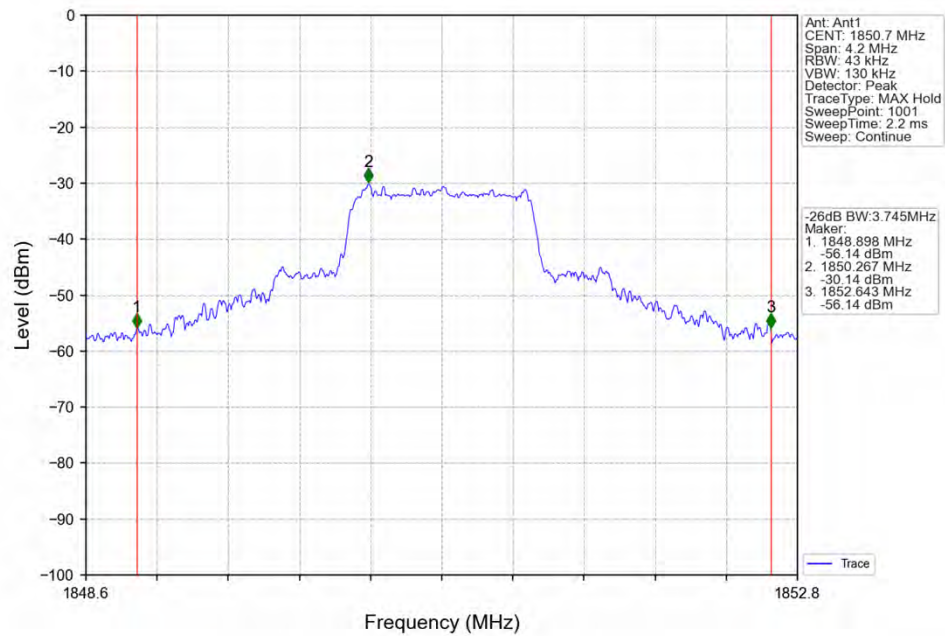
## 4.2.2 Test Graph



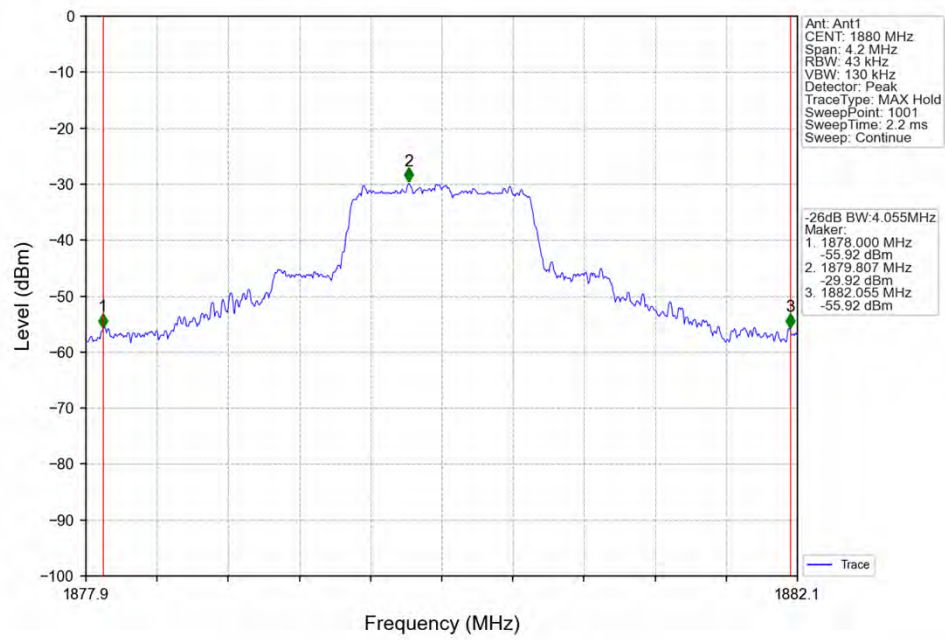
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



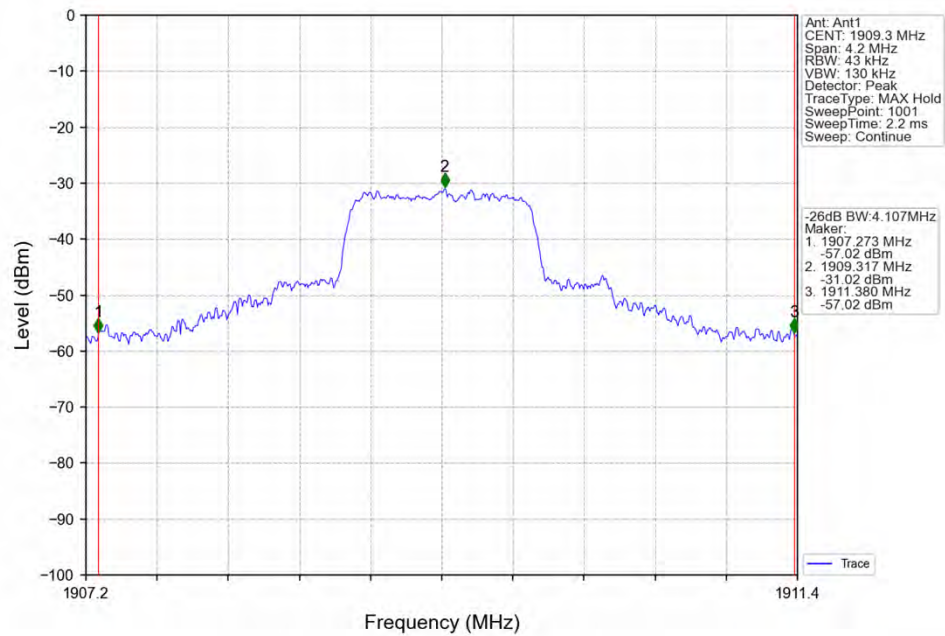
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



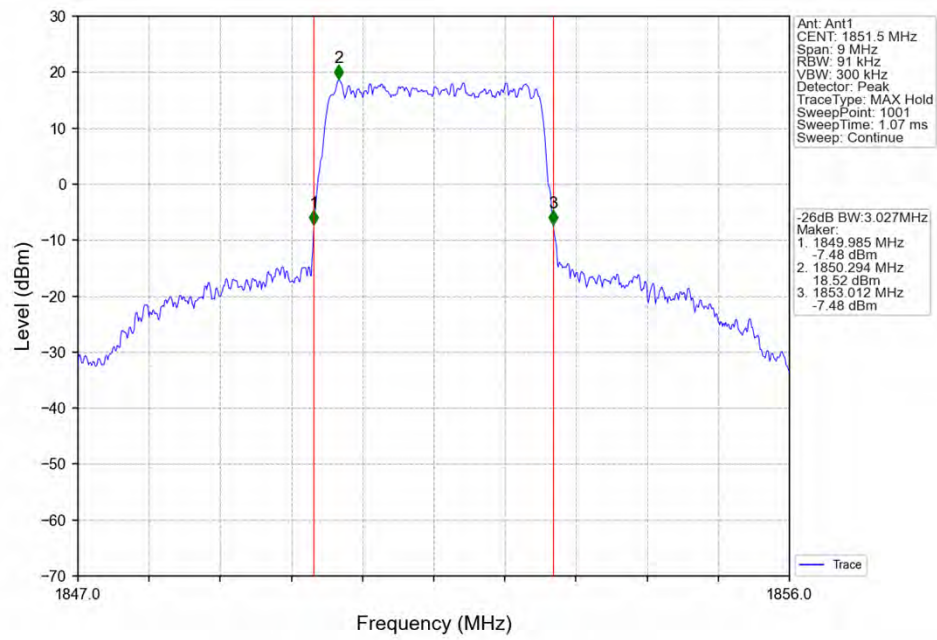
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



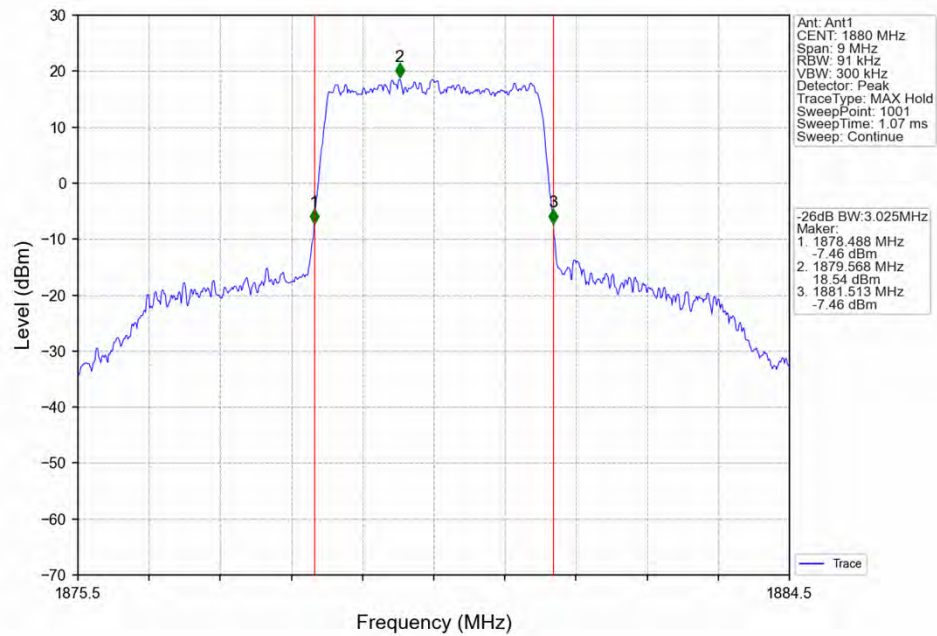
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



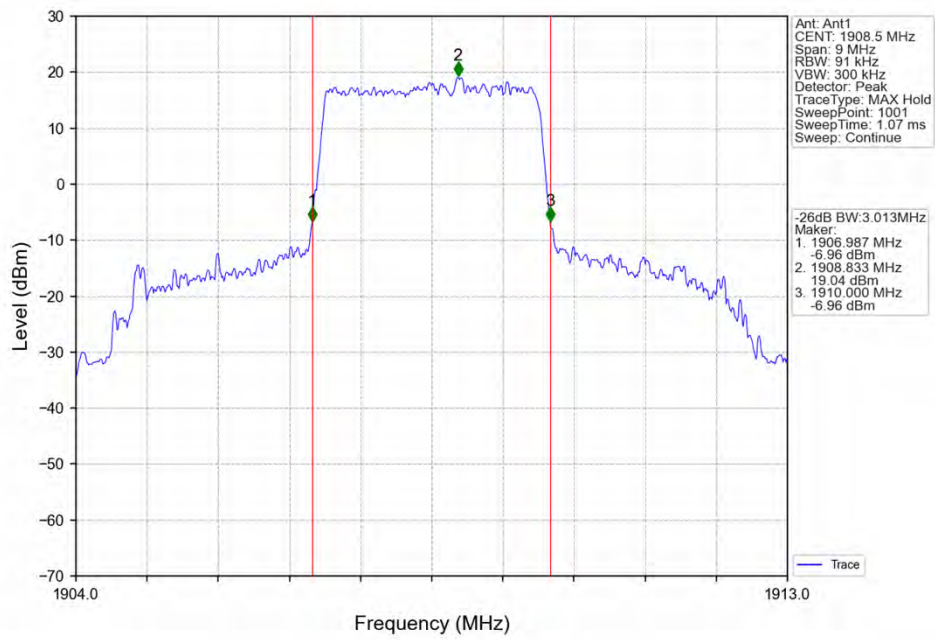
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



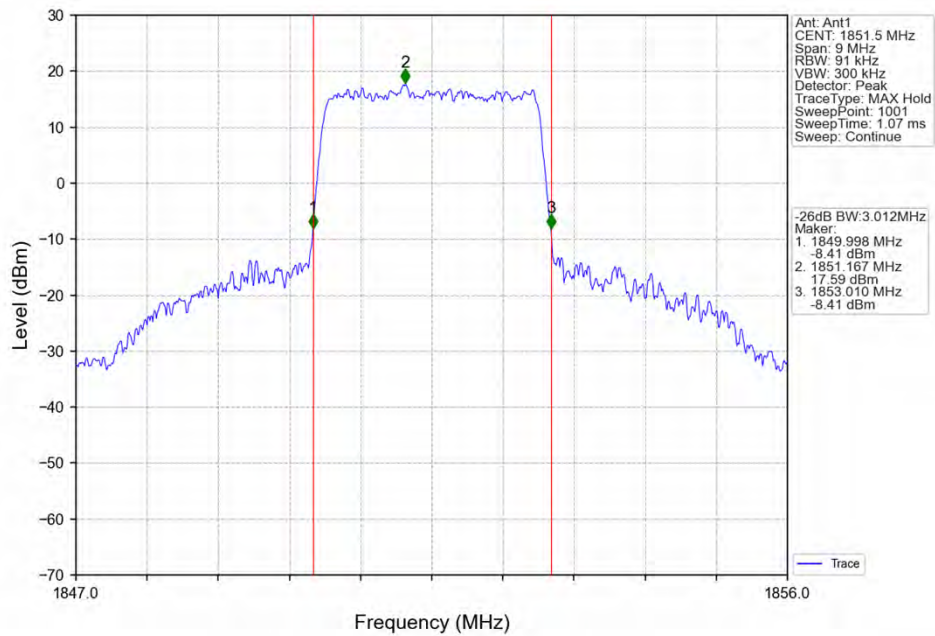
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



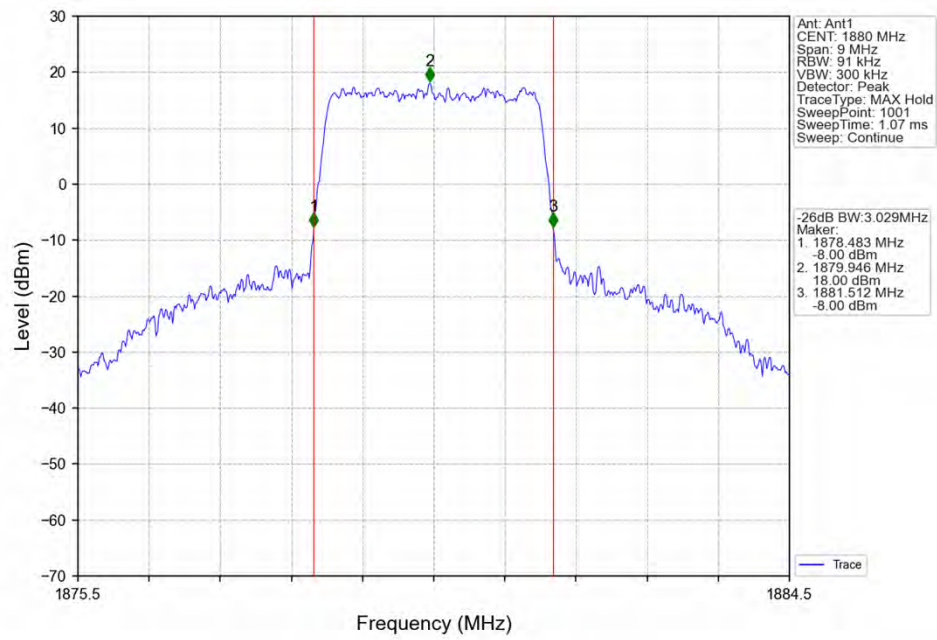
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



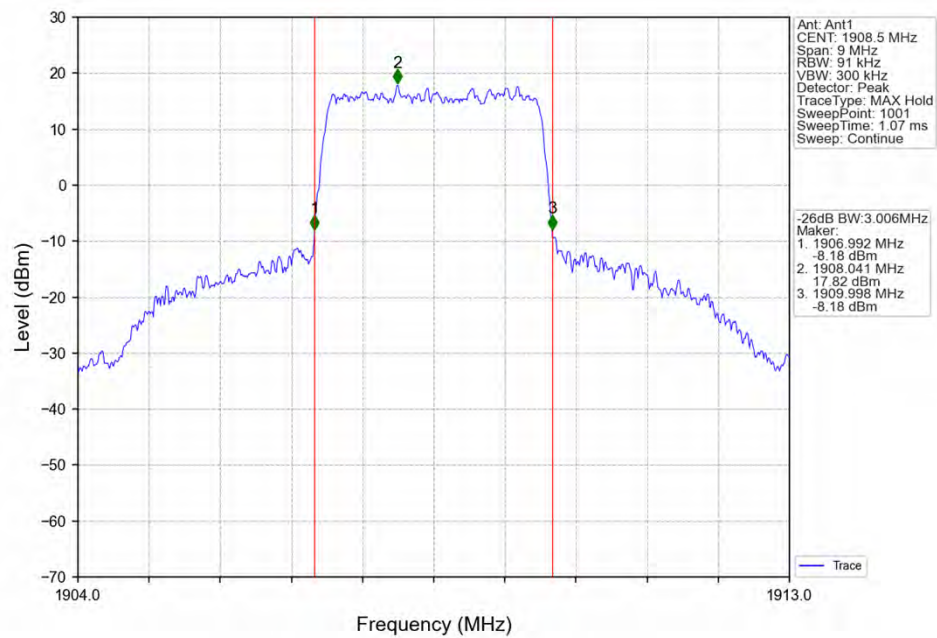
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



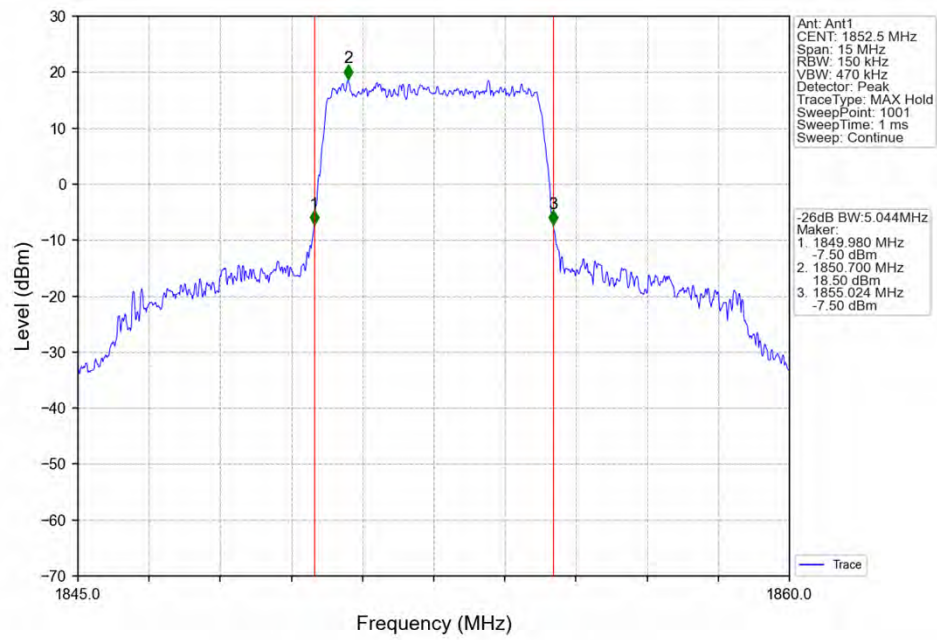
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



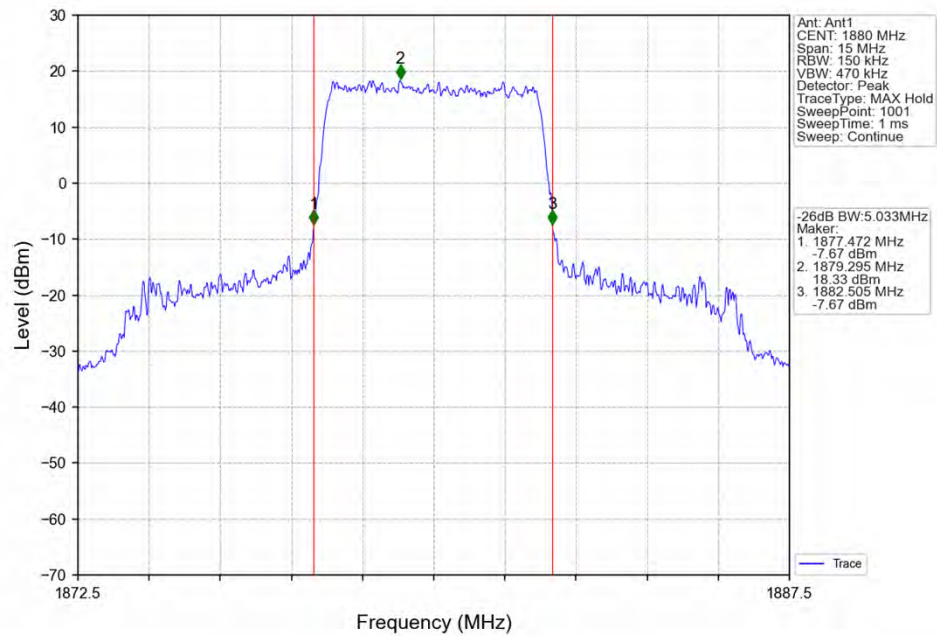
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



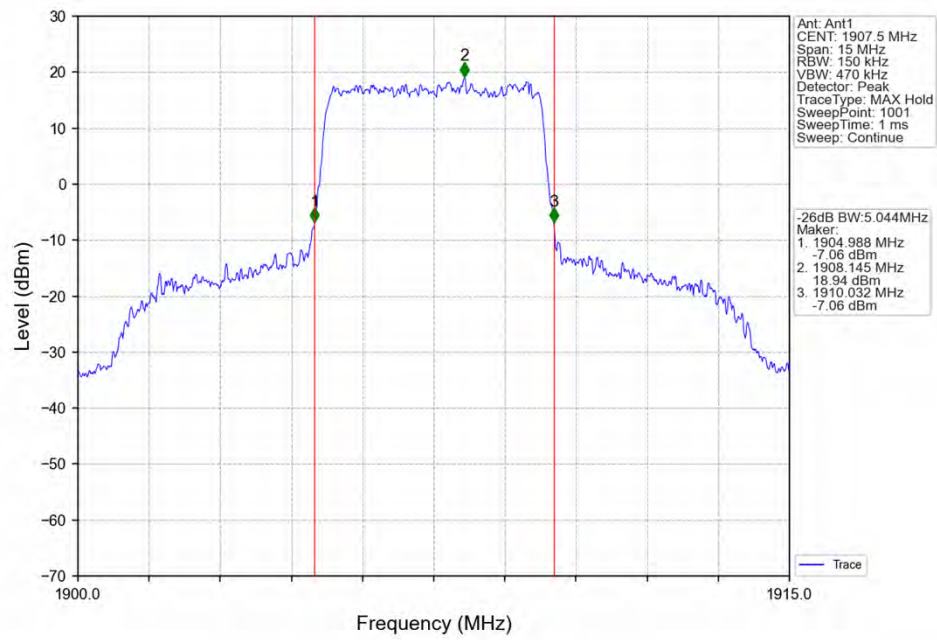
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



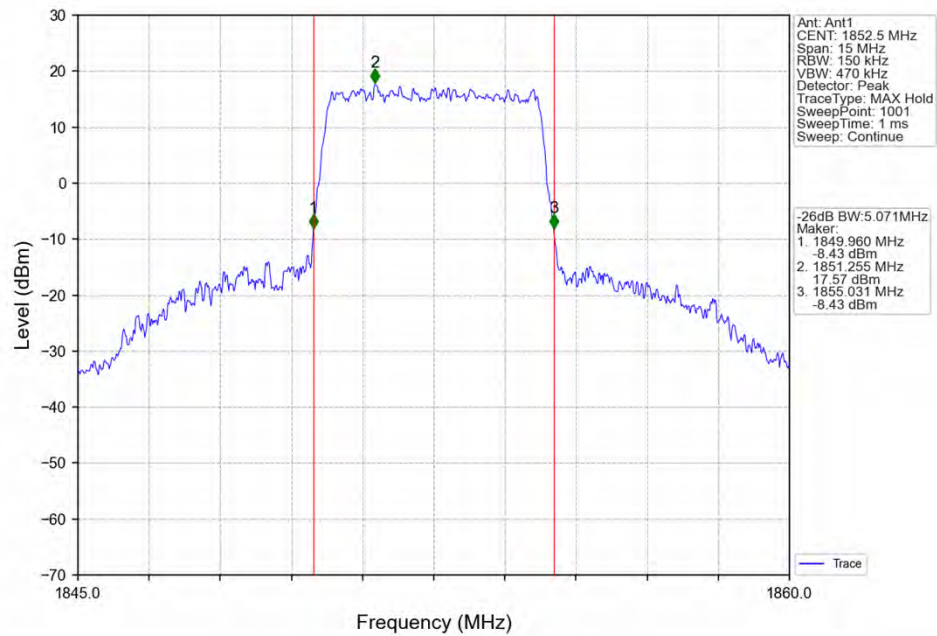
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



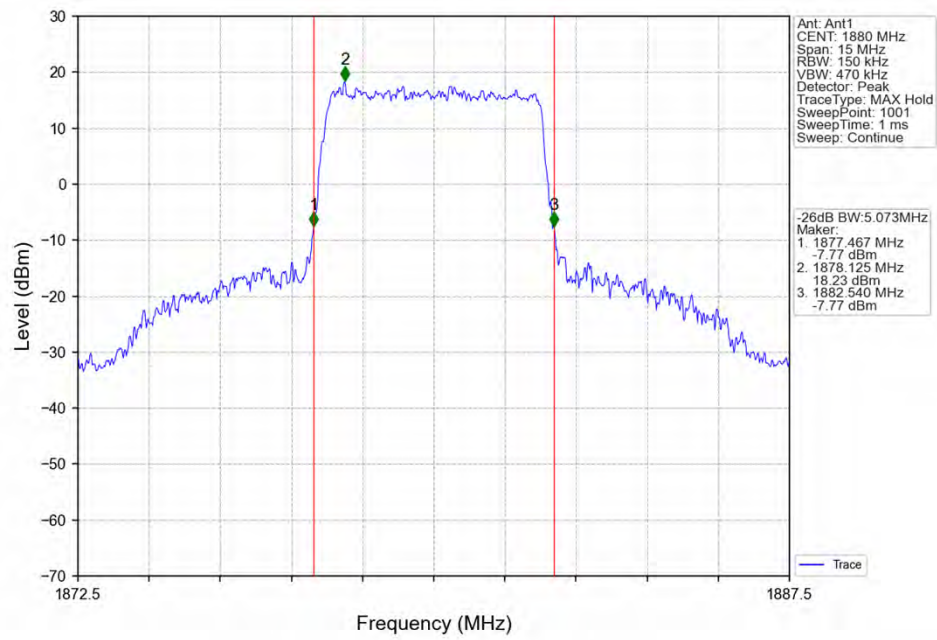
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



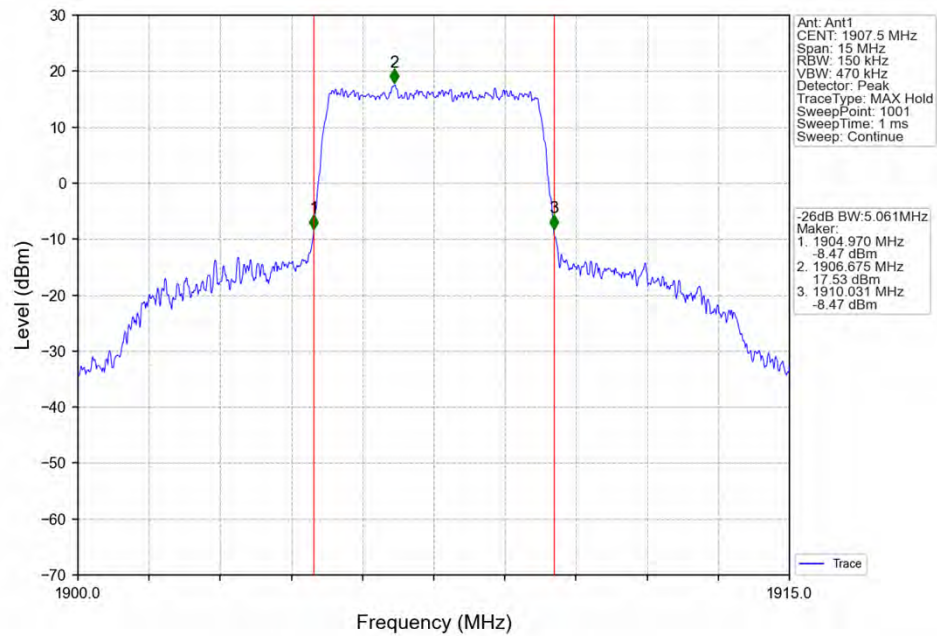
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



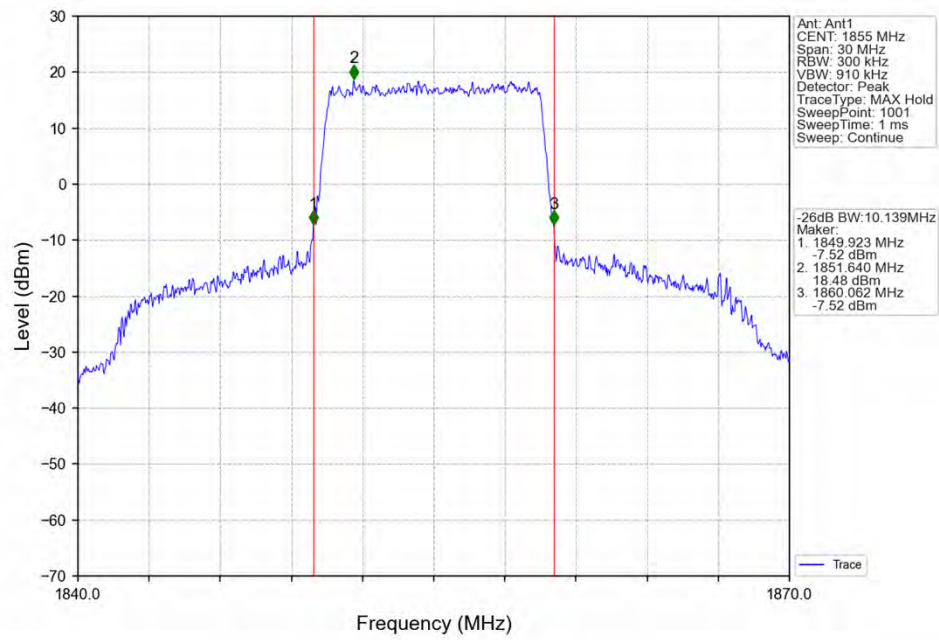
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



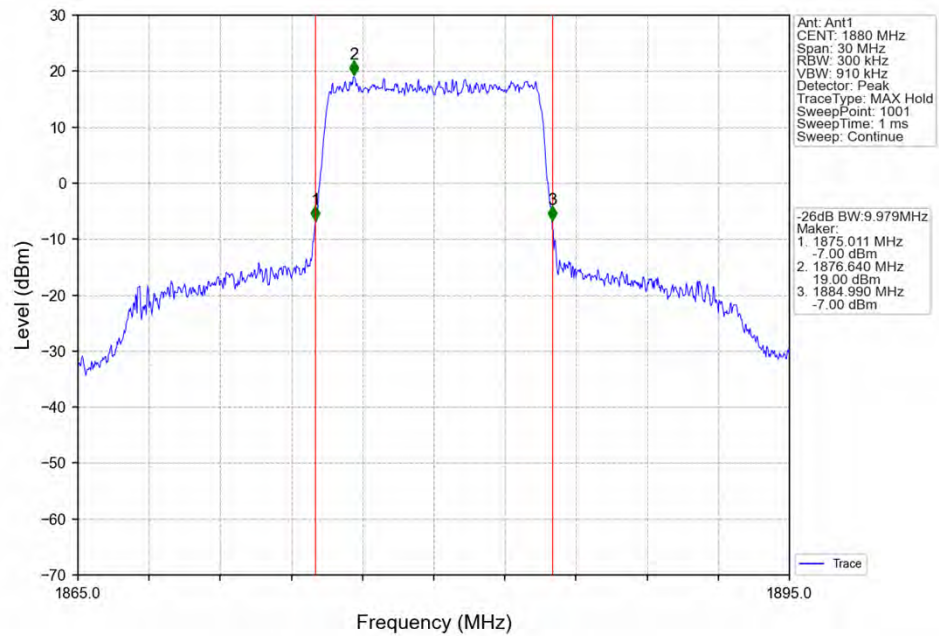
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



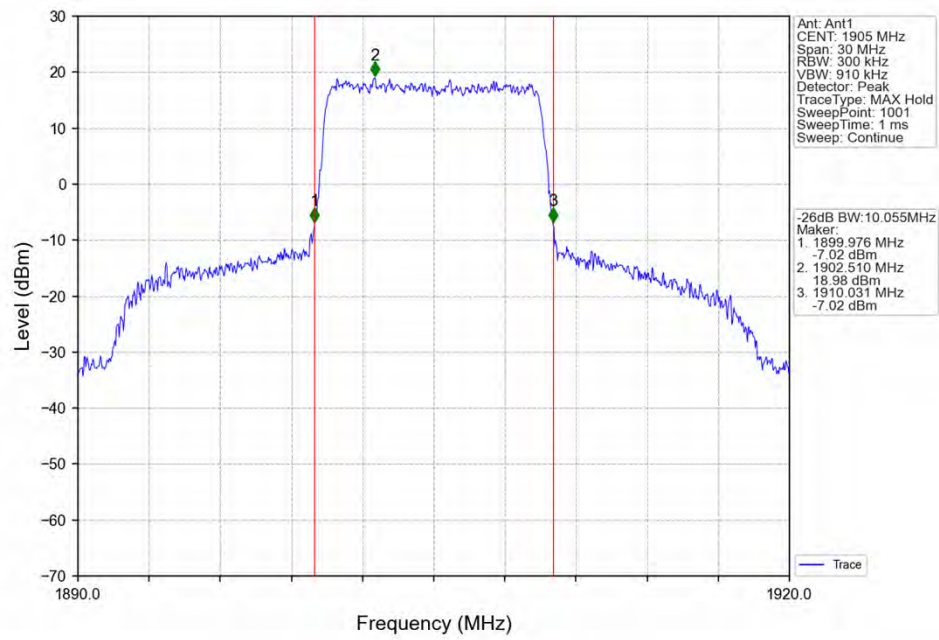
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



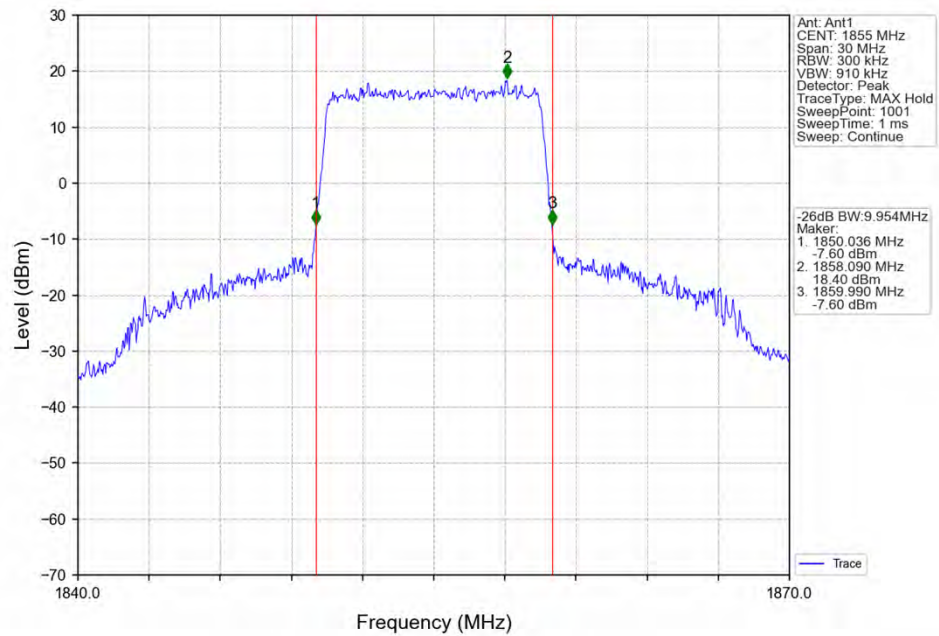
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



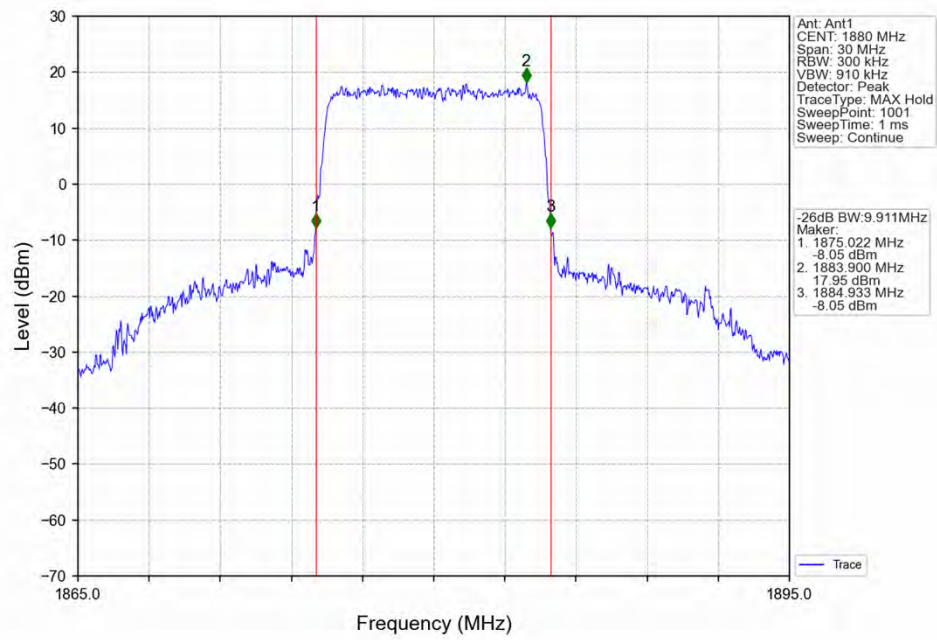
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



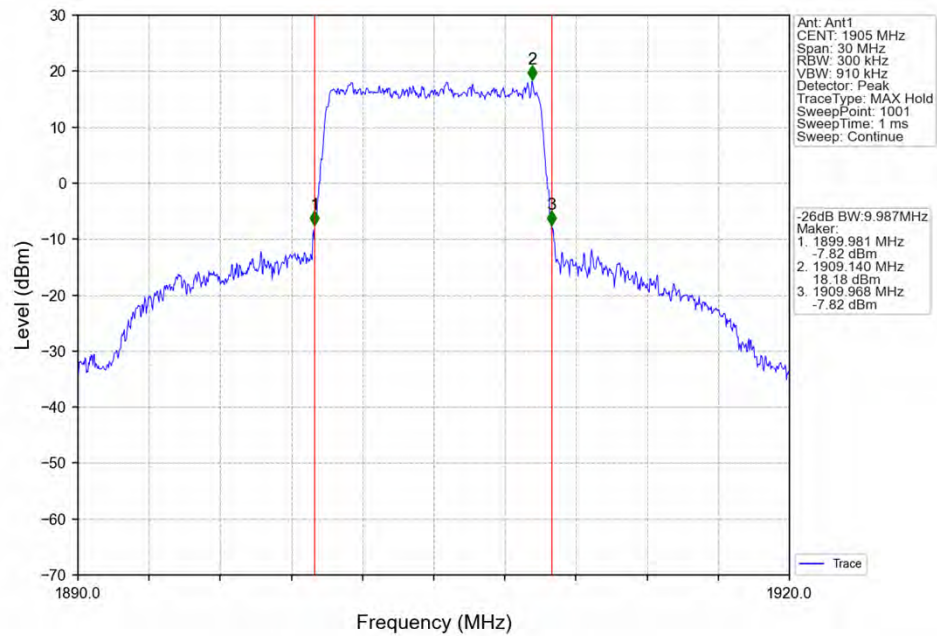
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



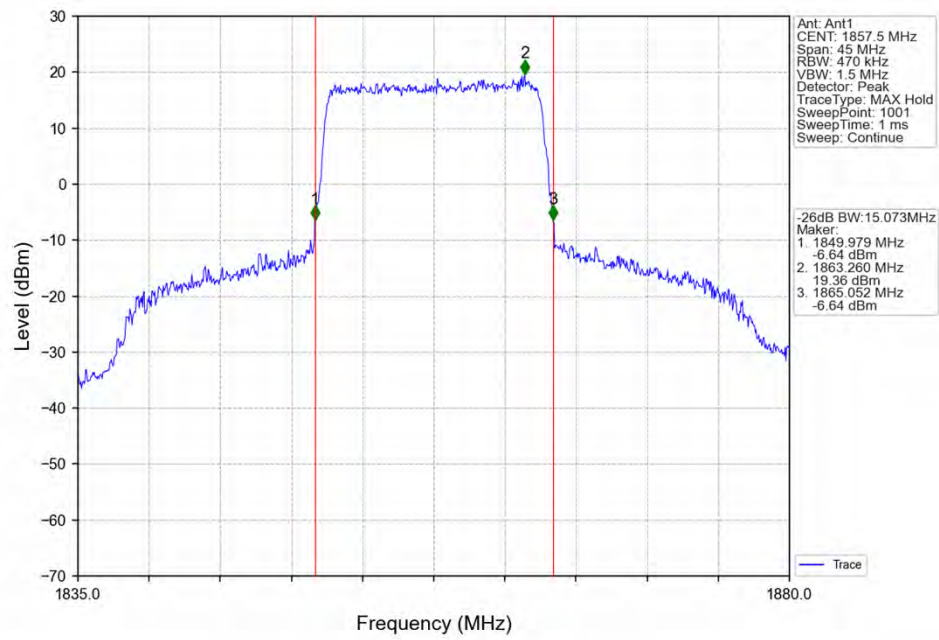
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



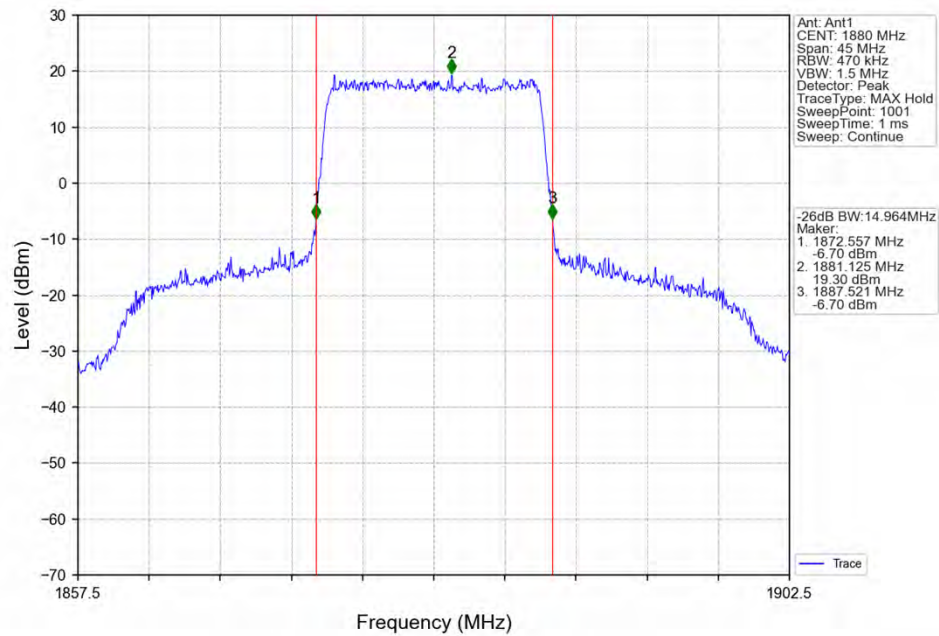
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



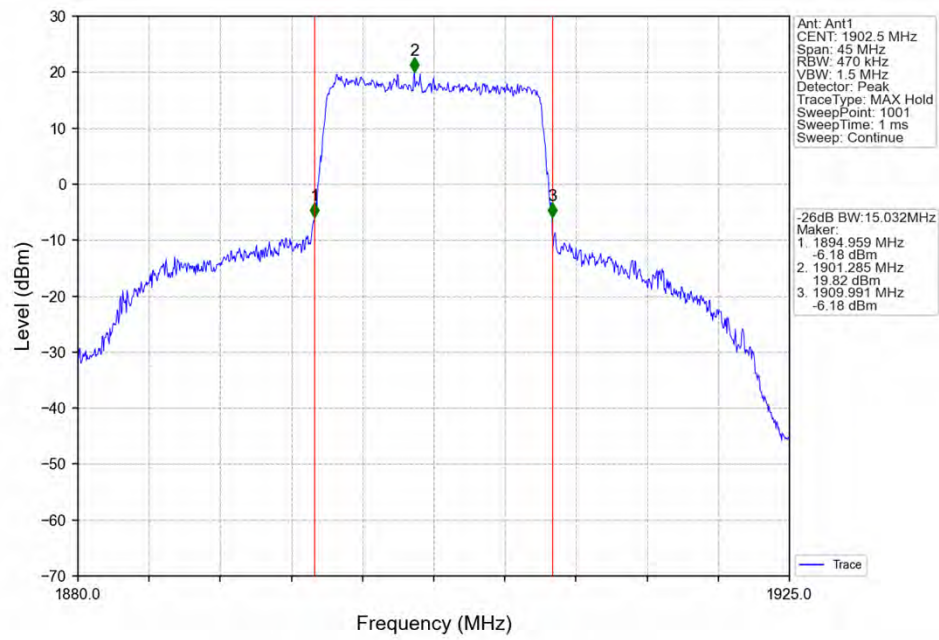
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



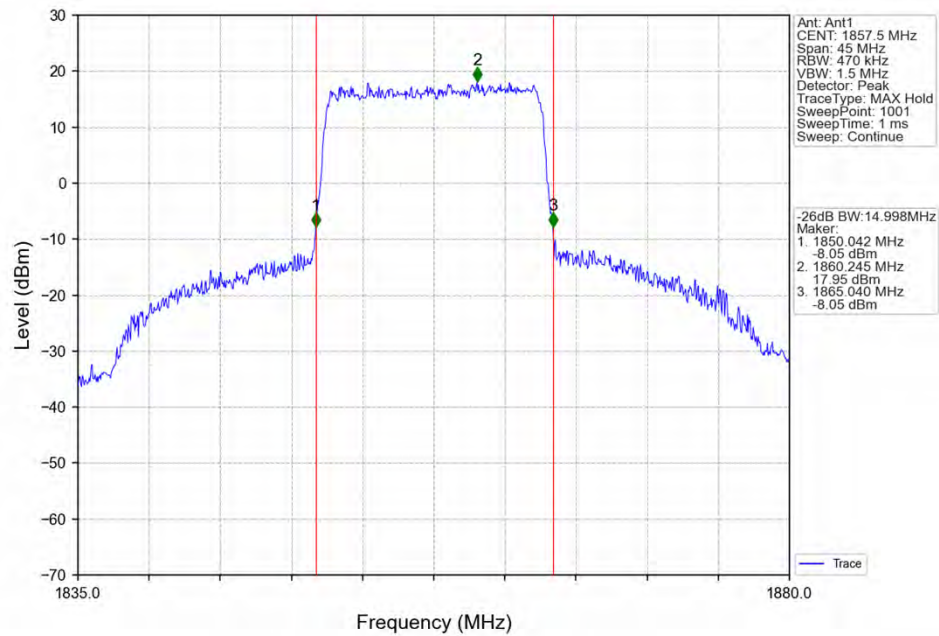
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



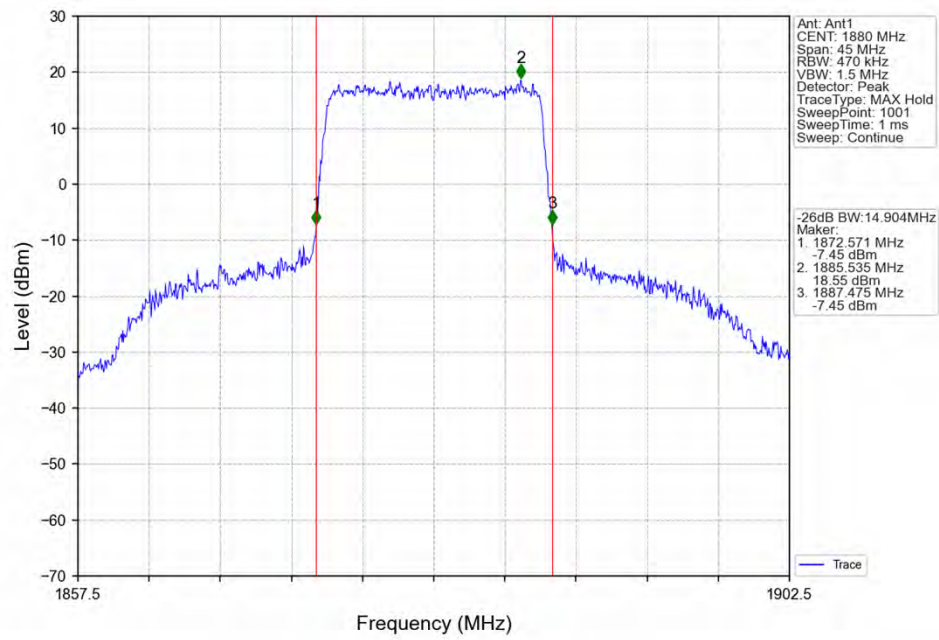
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



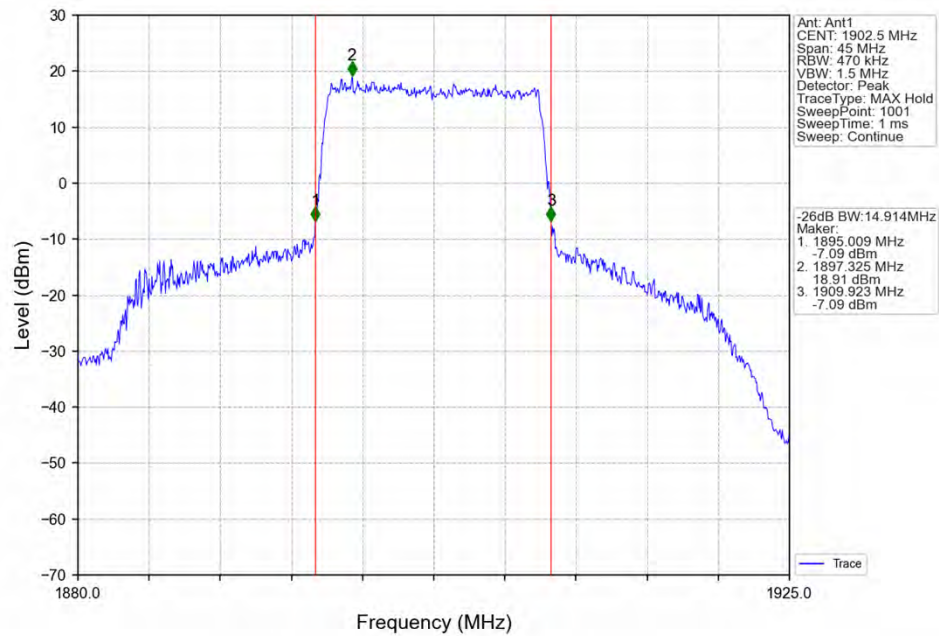
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



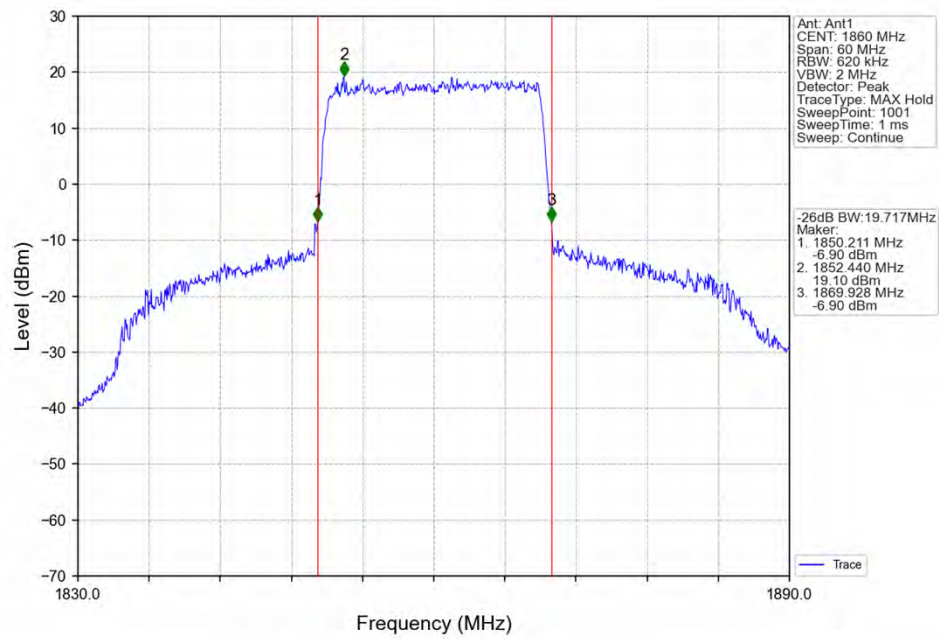
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



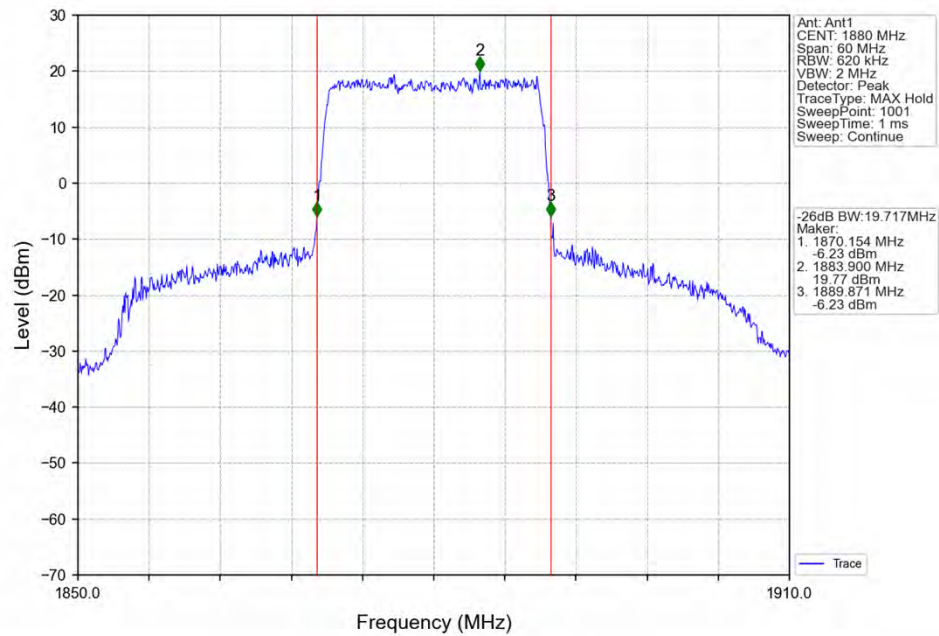
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



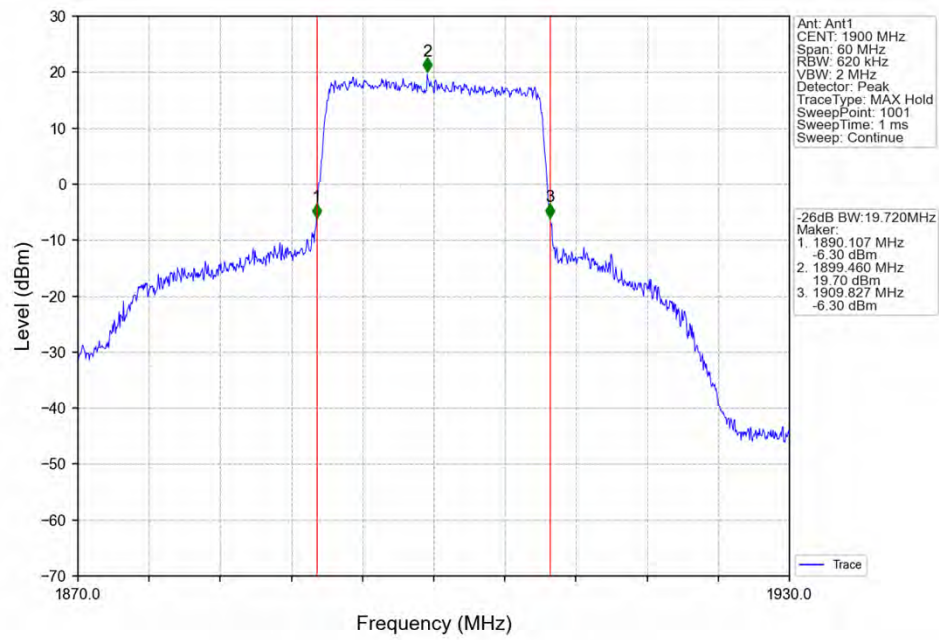
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



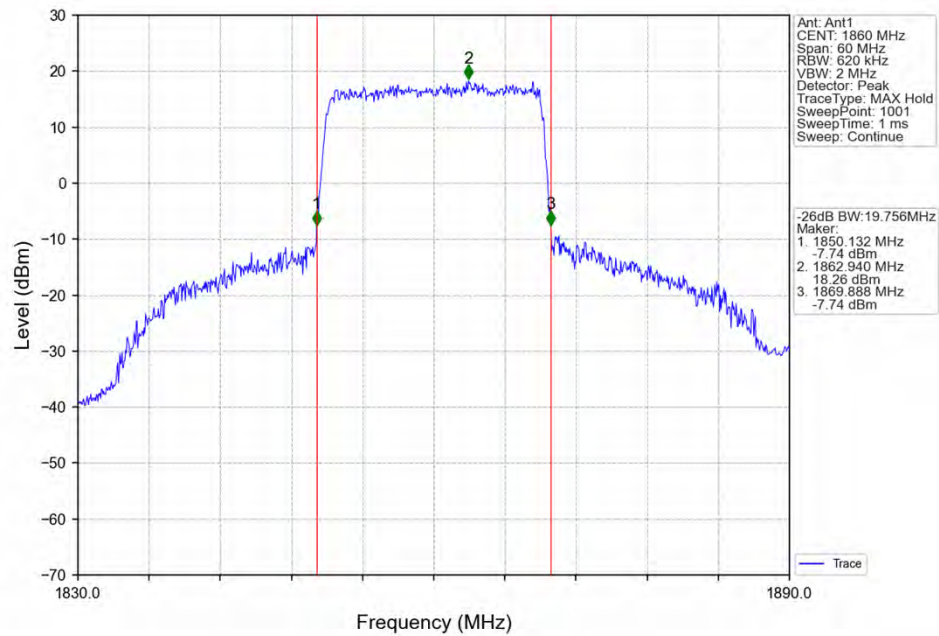
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



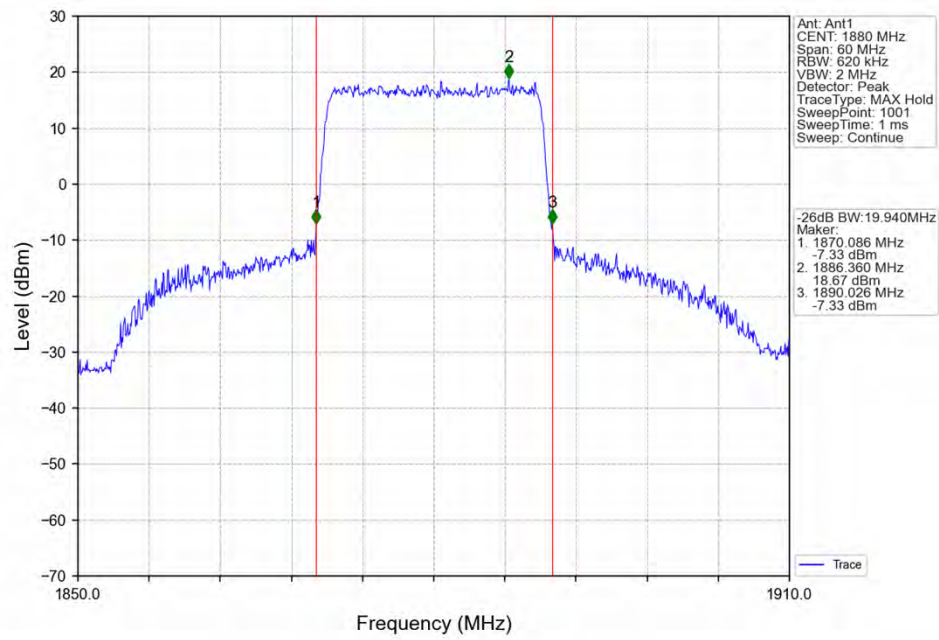
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



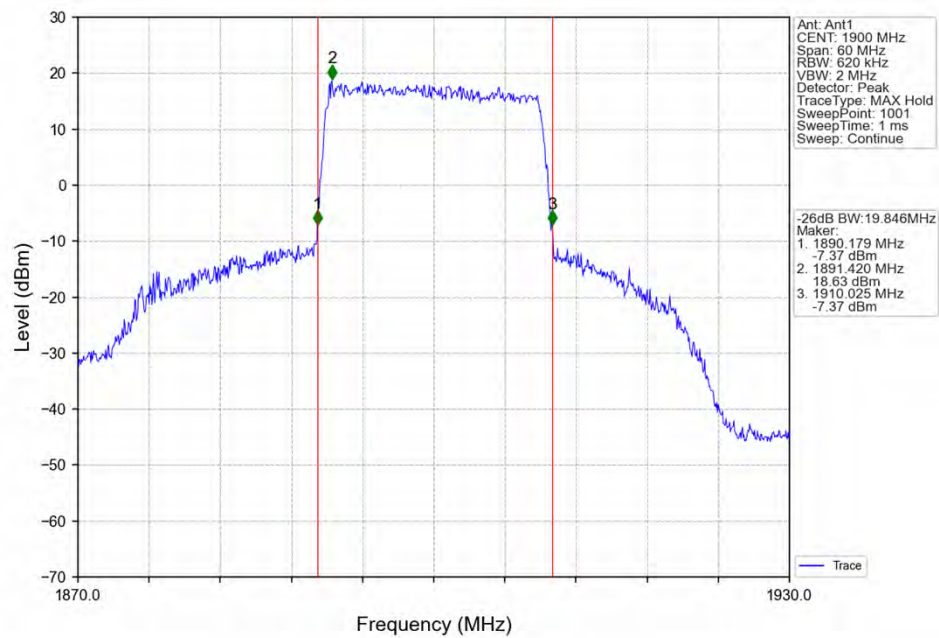
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



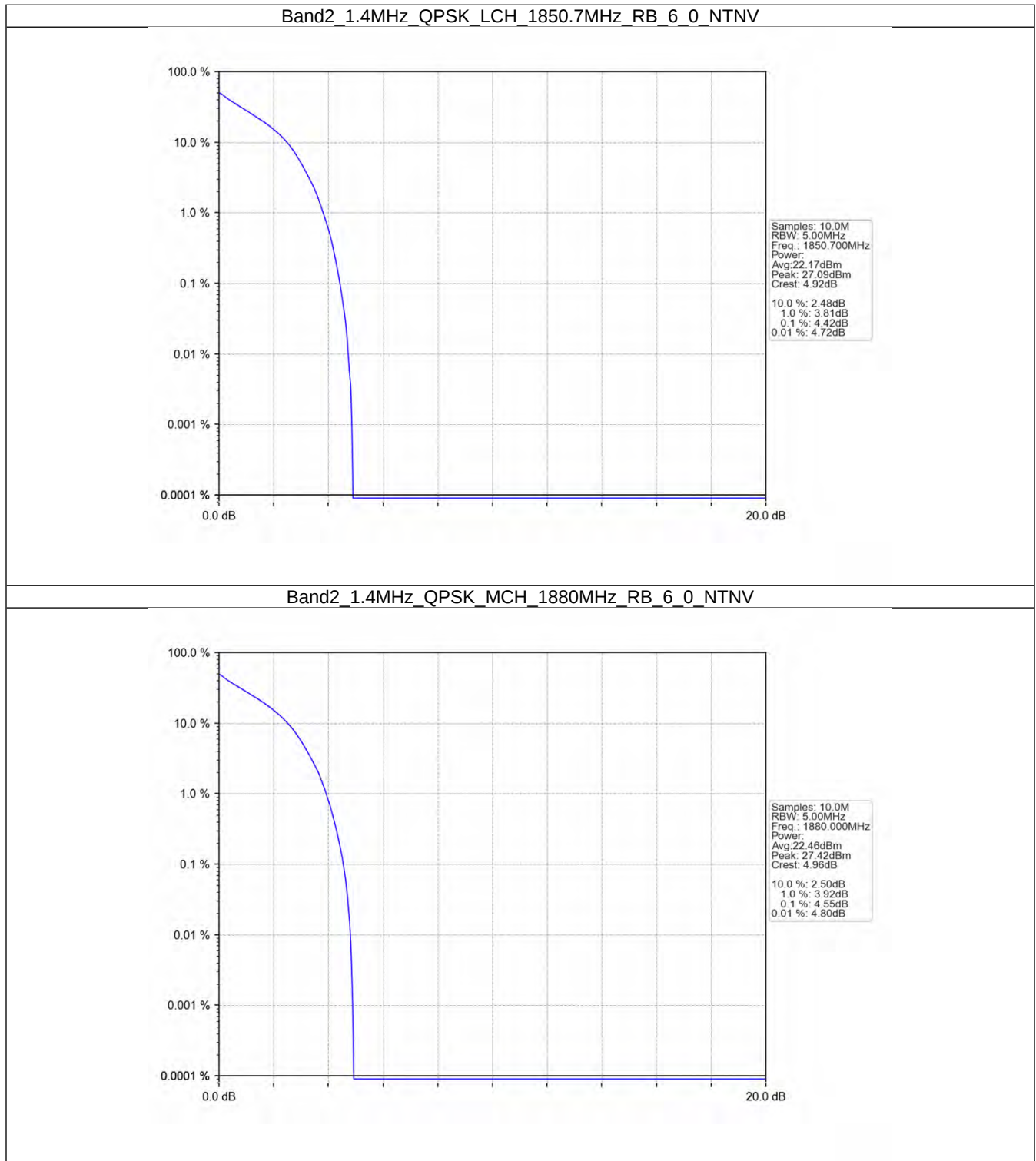
## 5. Peak-Average Ratio

### 5.1 B2\_1.4MHz

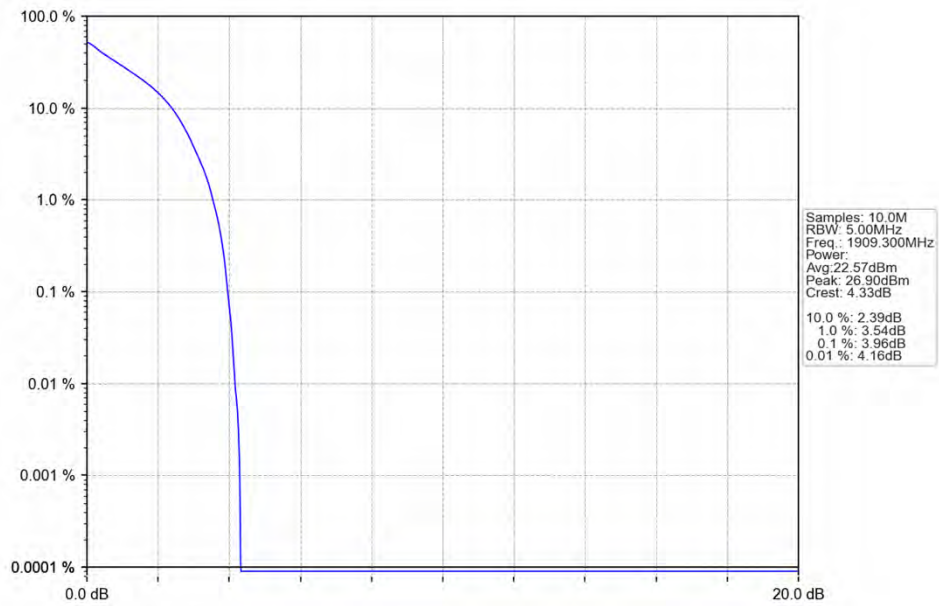
#### 5.1.1 Test Result

| Band: 2 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1850.7          | 6             | 0      | 4.42                    | <=13  | Pass    |
|                                    | 1880            | 6             | 0      | 4.55                    | <=13  | Pass    |
|                                    | 1909.3          | 6             | 0      | 3.96                    | <=13  | Pass    |
| 16QAM                              | 1850.7          | 6             | 0      | 5.22                    | <=13  | Pass    |
|                                    | 1880            | 6             | 0      | 5.30                    | <=13  | Pass    |
|                                    | 1909.3          | 6             | 0      | 4.78                    | <=13  | Pass    |

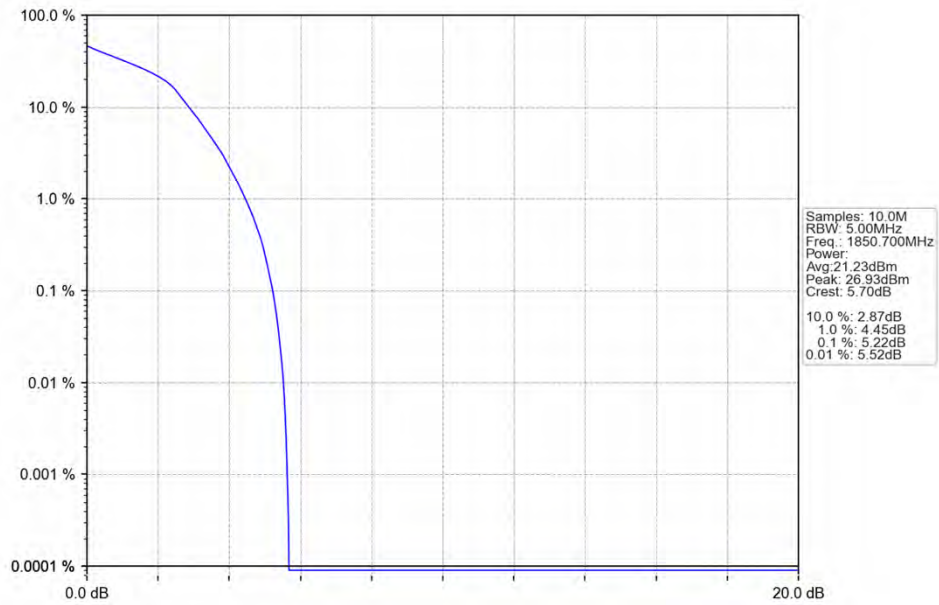
## 5.1.2 Test Graph



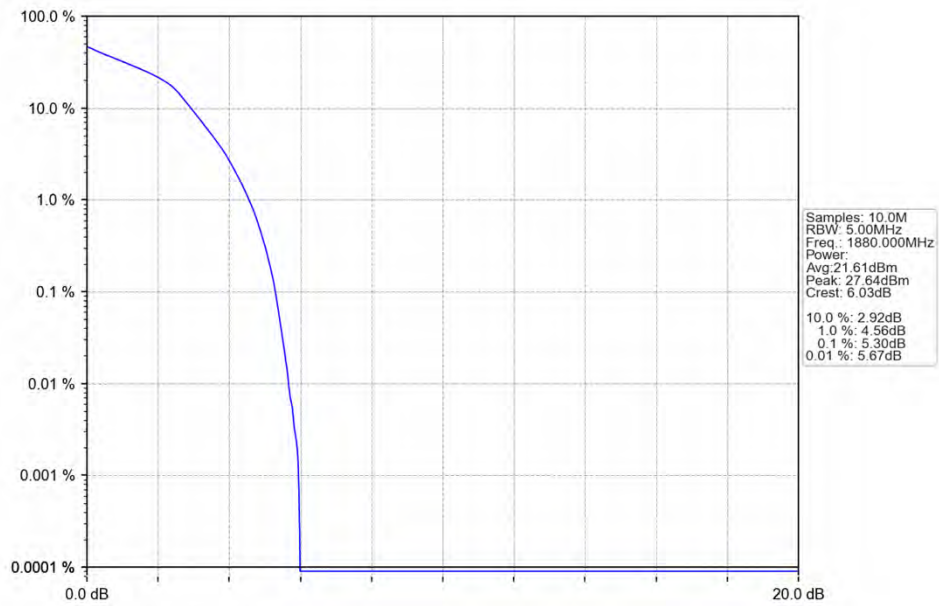
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



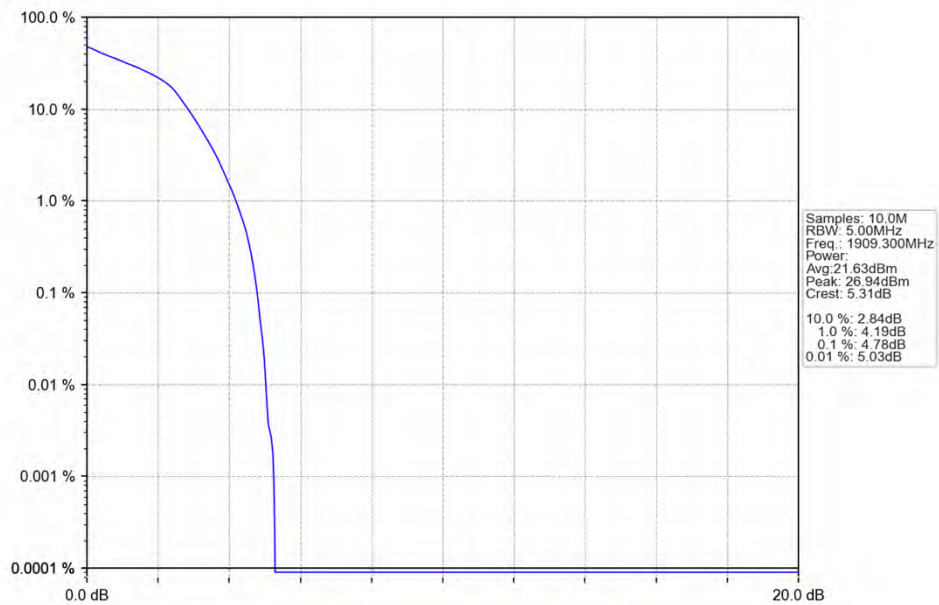
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



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



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

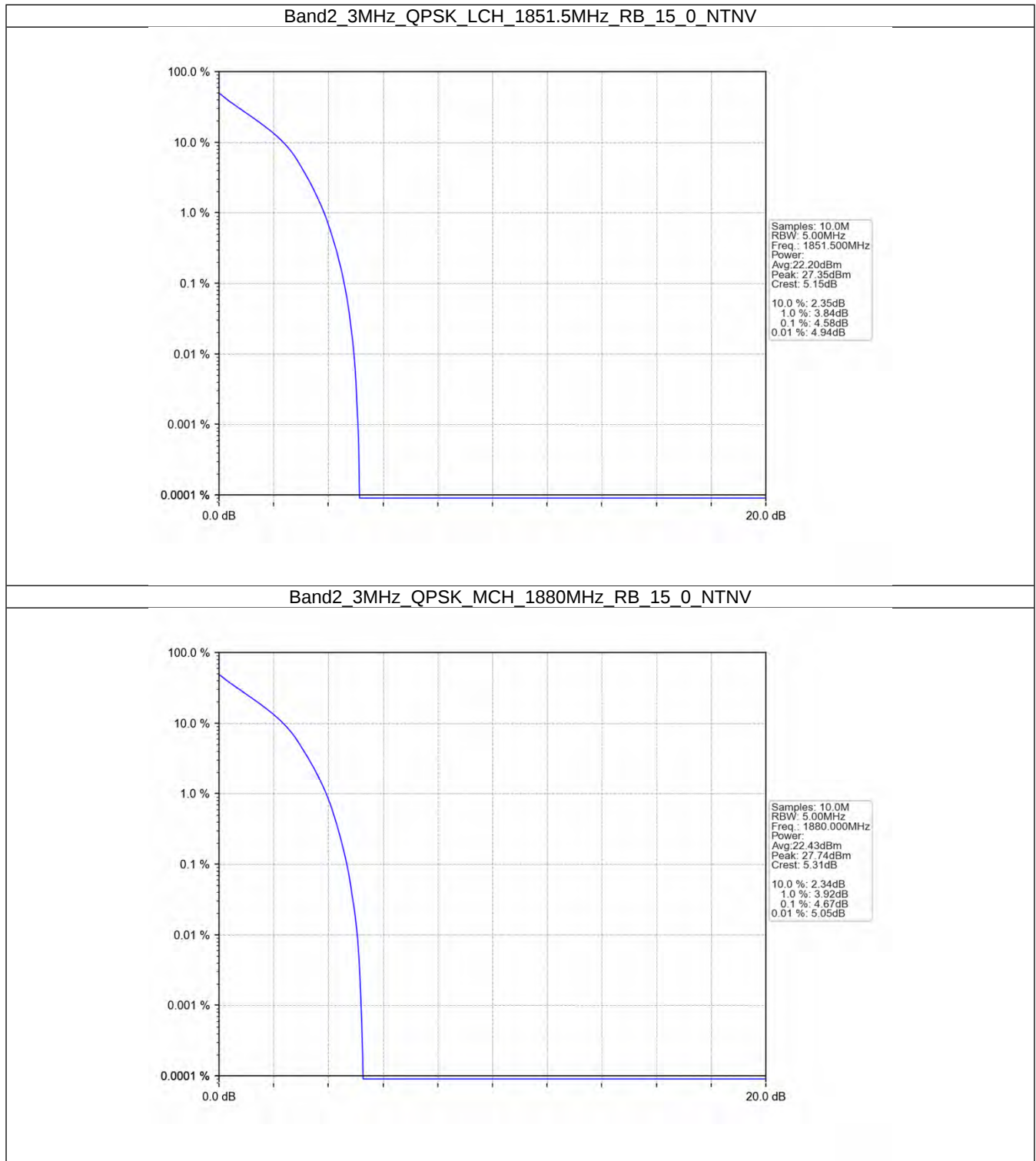


## 5.2 B2\_3MHz

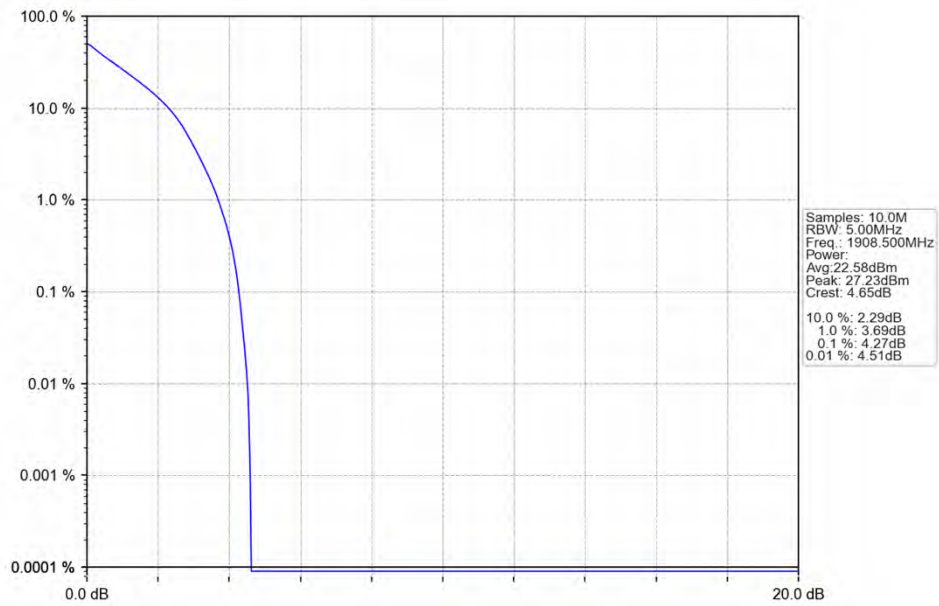
### 5.2.1 Test Result

| Band: 2 / Bandwidth: 3MHz / NTN |                 |               |        |                         |       |         |
|---------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                 |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                            | 1851.5          | 15            | 0      | 4.58                    | <=13  | Pass    |
|                                 | 1880            | 15            | 0      | 4.67                    | <=13  | Pass    |
|                                 | 1908.5          | 15            | 0      | 4.27                    | <=13  | Pass    |
| 16QAM                           | 1851.5          | 15            | 0      | 5.41                    | <=13  | Pass    |
|                                 | 1880            | 15            | 0      | 5.44                    | <=13  | Pass    |
|                                 | 1908.5          | 15            | 0      | 5.11                    | <=13  | Pass    |

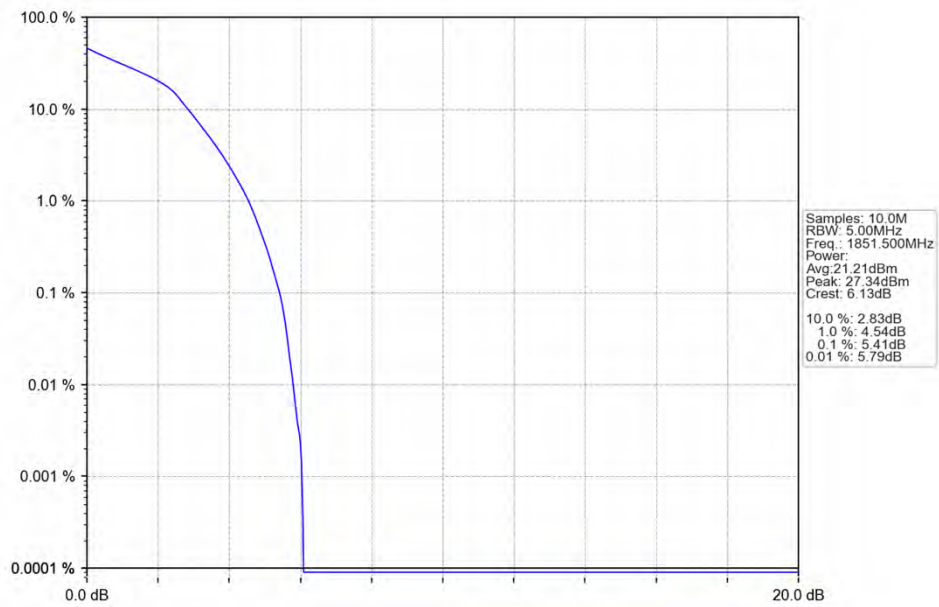
## 5.2.2 Test Graph



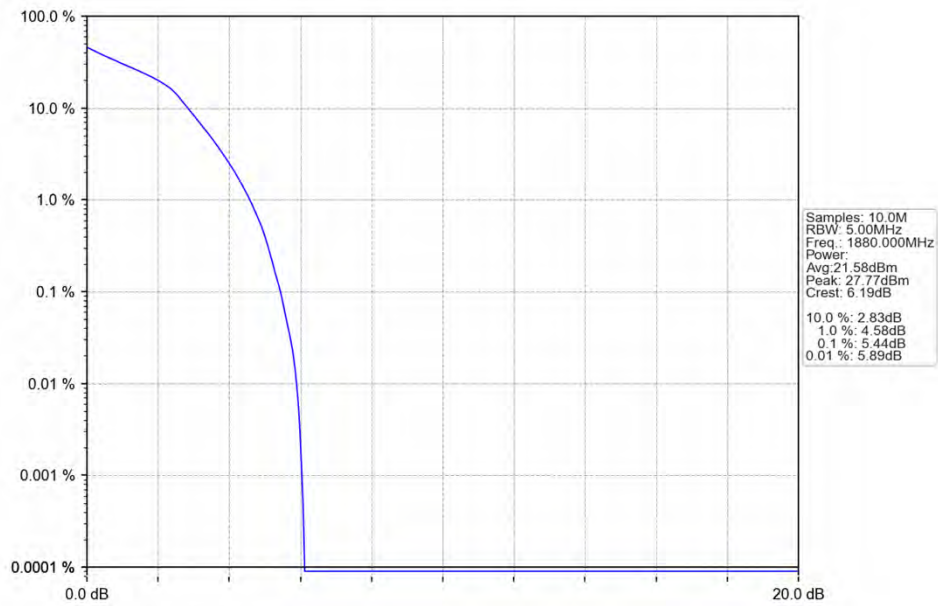
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



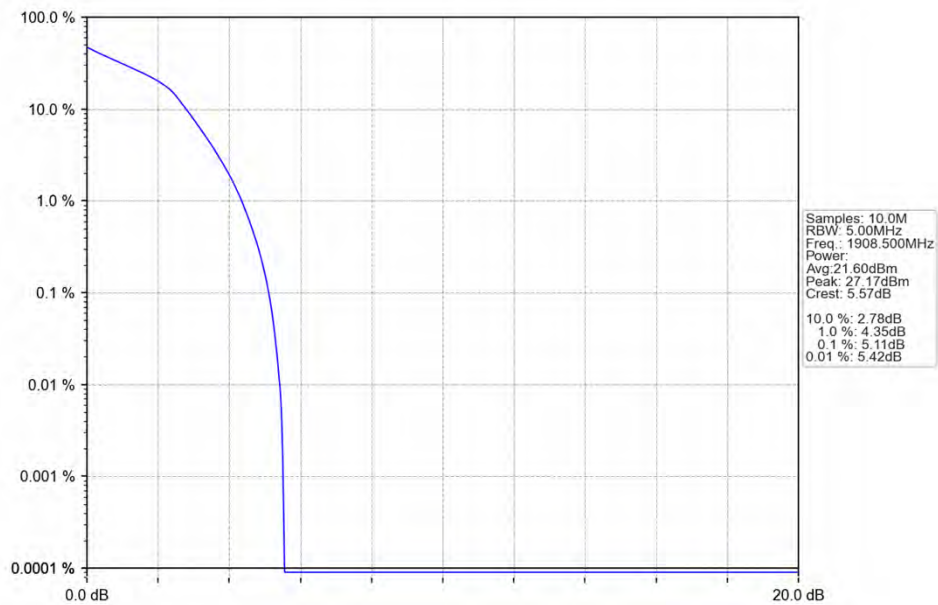
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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



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

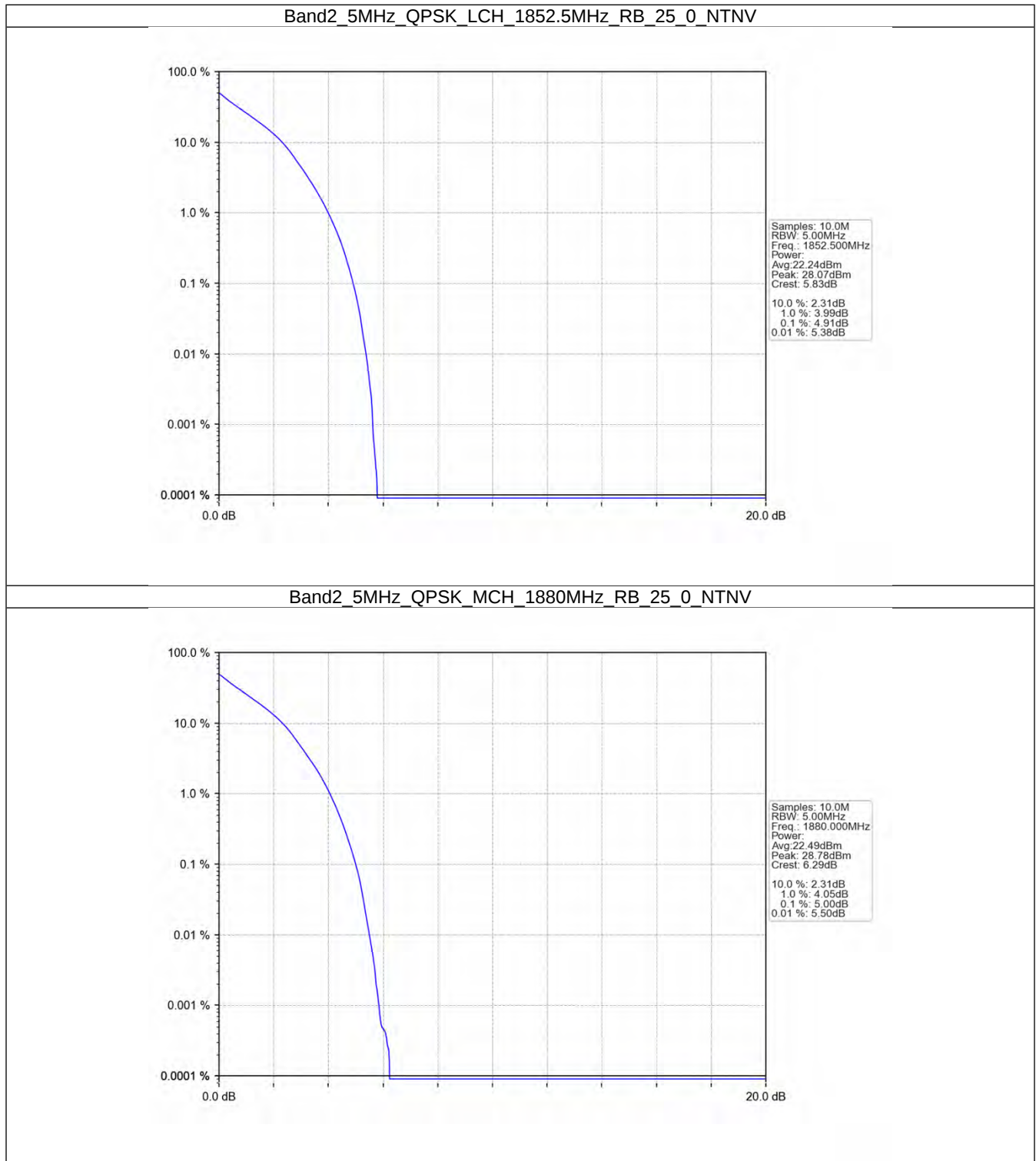


## 5.3 B2\_5MHz

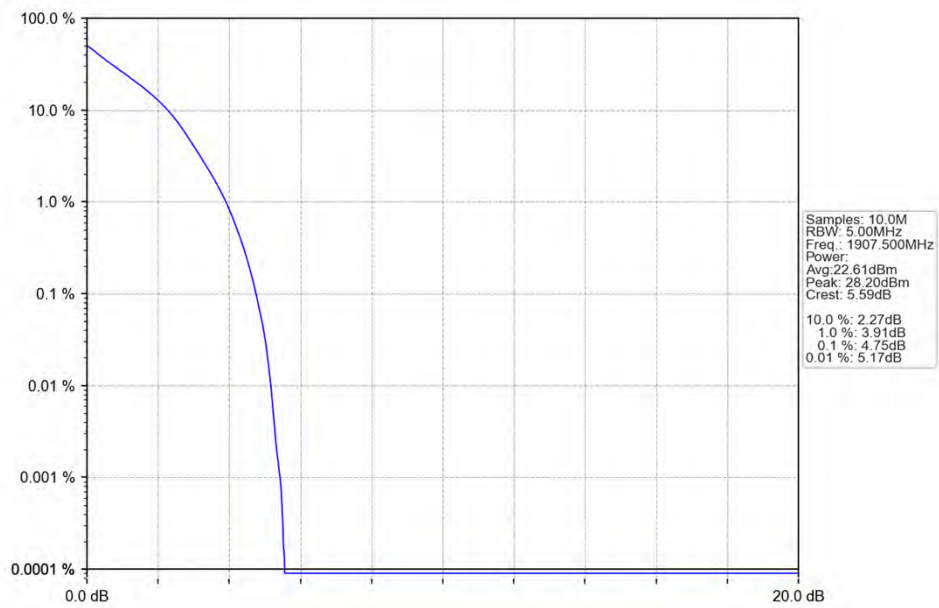
### 5.3.1 Test Result

| Band: 2 / Bandwidth: 5MHz / NTN |                 |               |        |                         |       |         |
|---------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                 |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                            | 1852.5          | 25            | 0      | 4.91                    | <=13  | Pass    |
|                                 | 1880            | 25            | 0      | 5.00                    | <=13  | Pass    |
|                                 | 1907.5          | 25            | 0      | 4.75                    | <=13  | Pass    |
| 16QAM                           | 1852.5          | 25            | 0      | 5.56                    | <=13  | Pass    |
|                                 | 1880            | 25            | 0      | 5.65                    | <=13  | Pass    |
|                                 | 1907.5          | 25            | 0      | 5.48                    | <=13  | Pass    |

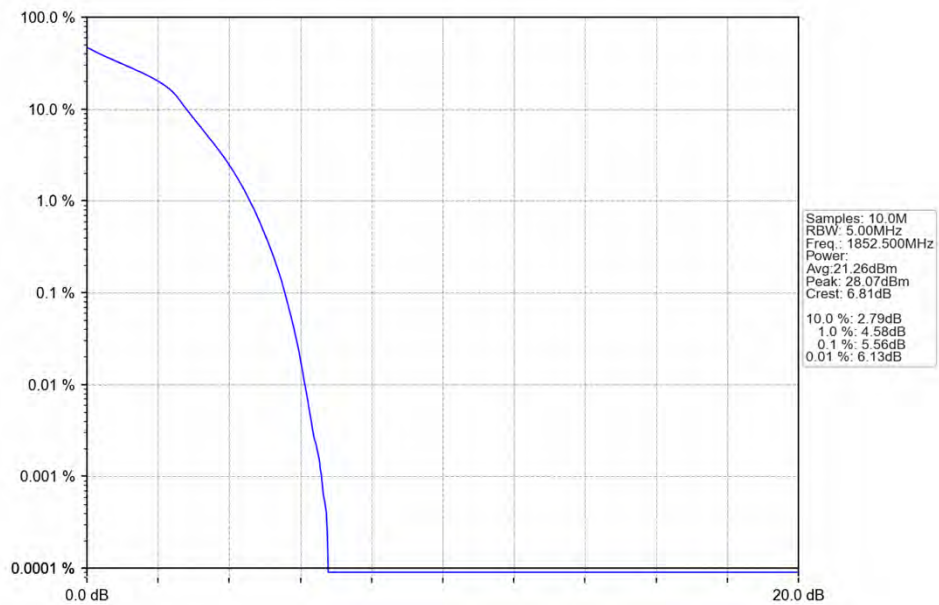
## 5.3.2 Test Graph



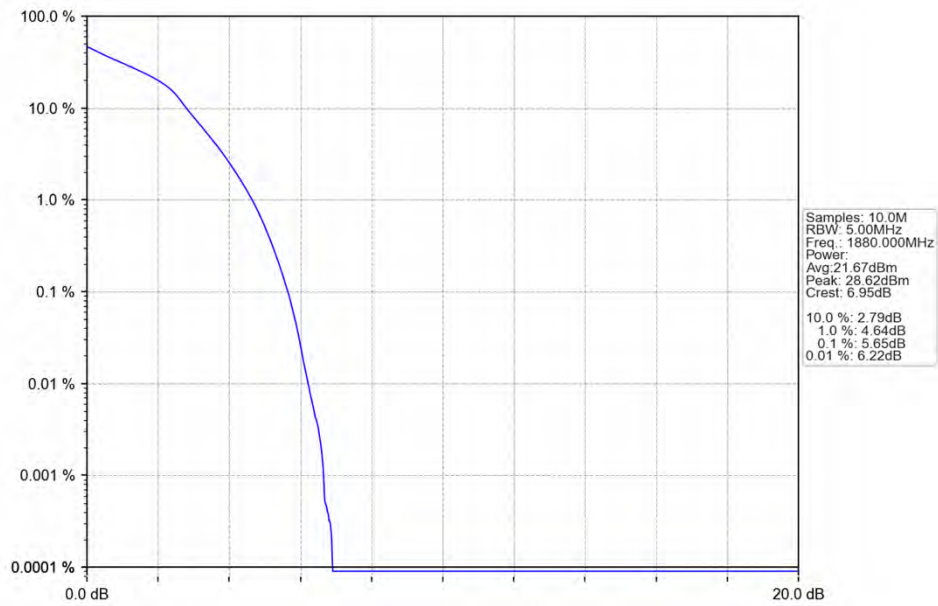
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



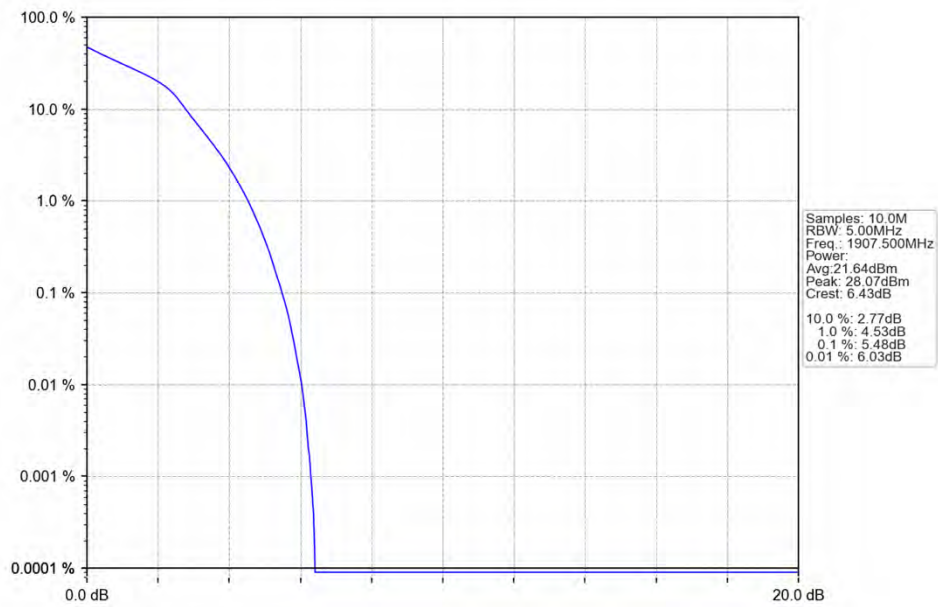
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



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



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

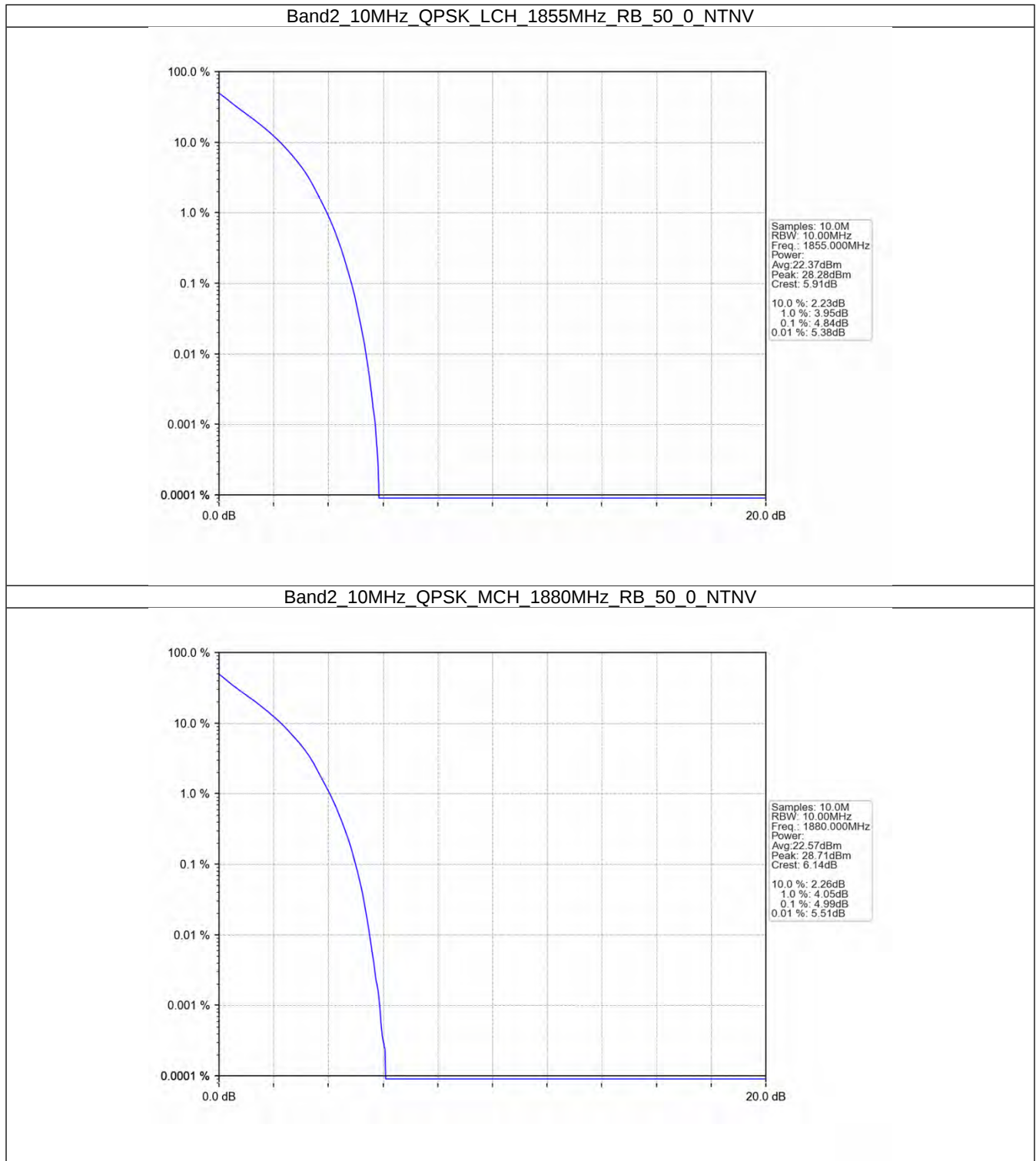


## 5.4 B2\_10MHz

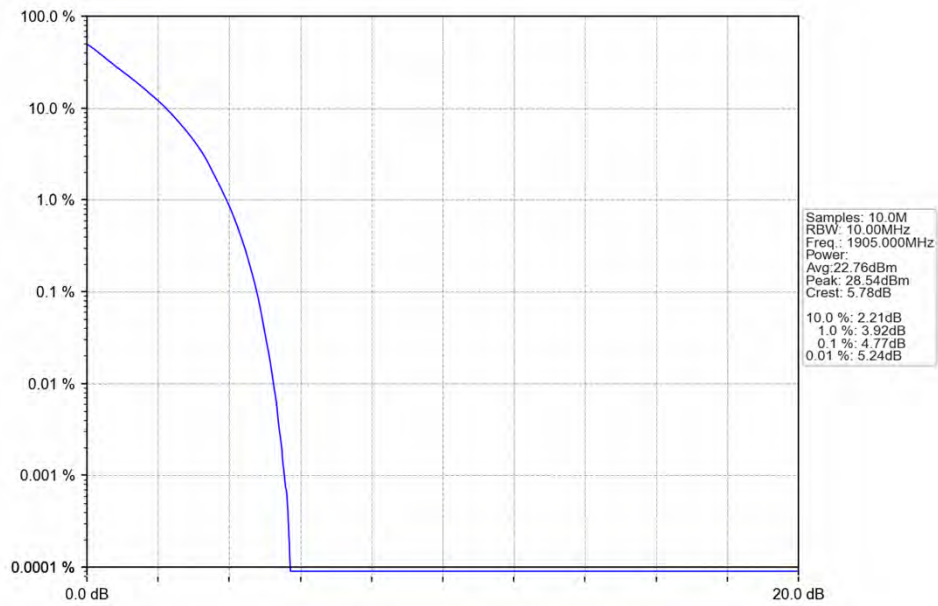
### 5.4.1 Test Result

| Band: 2 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1855            | 50            | 0      | 4.84                    | <=13  | Pass    |
|                                   | 1880            | 50            | 0      | 4.99                    | <=13  | Pass    |
|                                   | 1905            | 50            | 0      | 4.77                    | <=13  | Pass    |
| 16QAM                             | 1855            | 50            | 0      | 5.57                    | <=13  | Pass    |
|                                   | 1880            | 50            | 0      | 5.69                    | <=13  | Pass    |
|                                   | 1905            | 50            | 0      | 5.53                    | <=13  | Pass    |

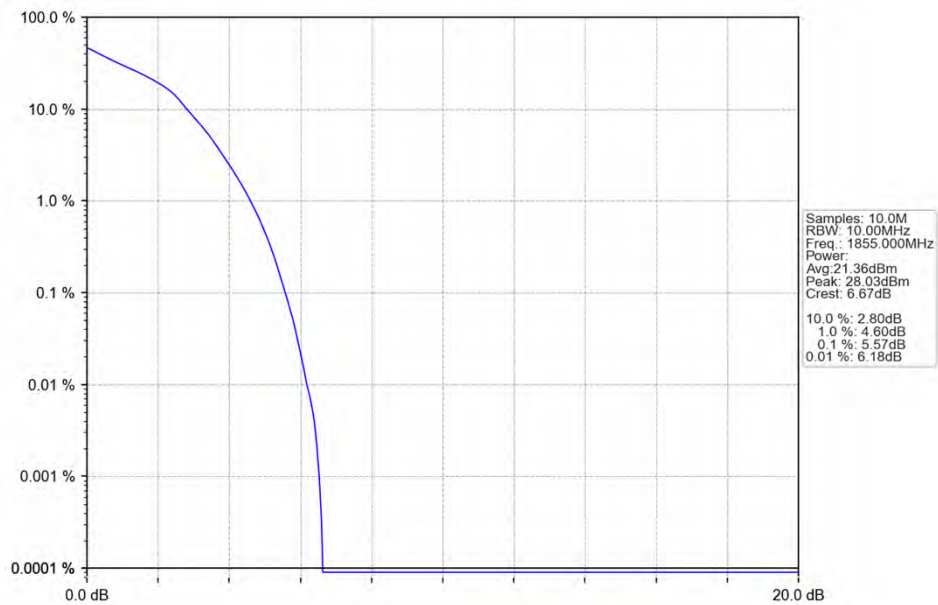
## 5.4.2 Test Graph



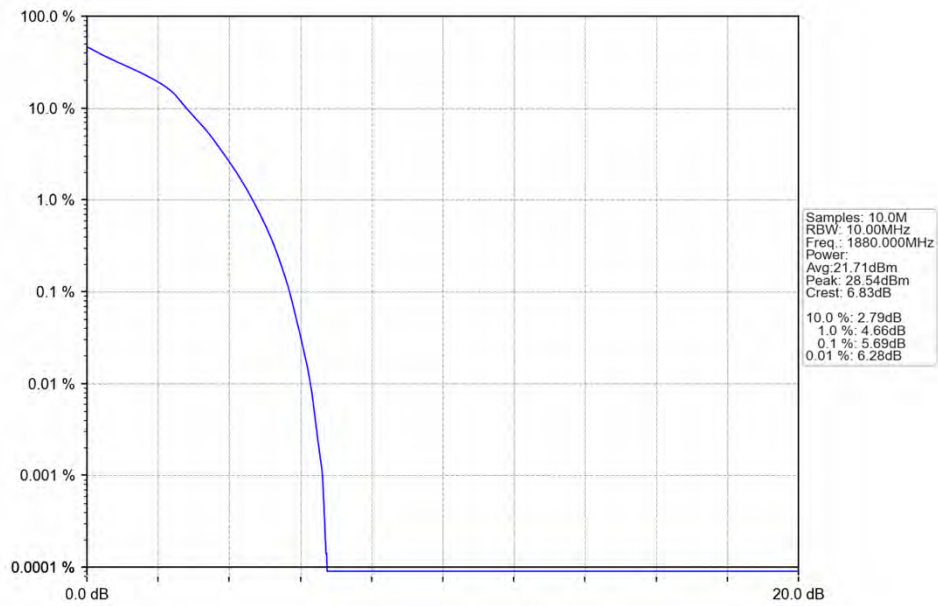
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



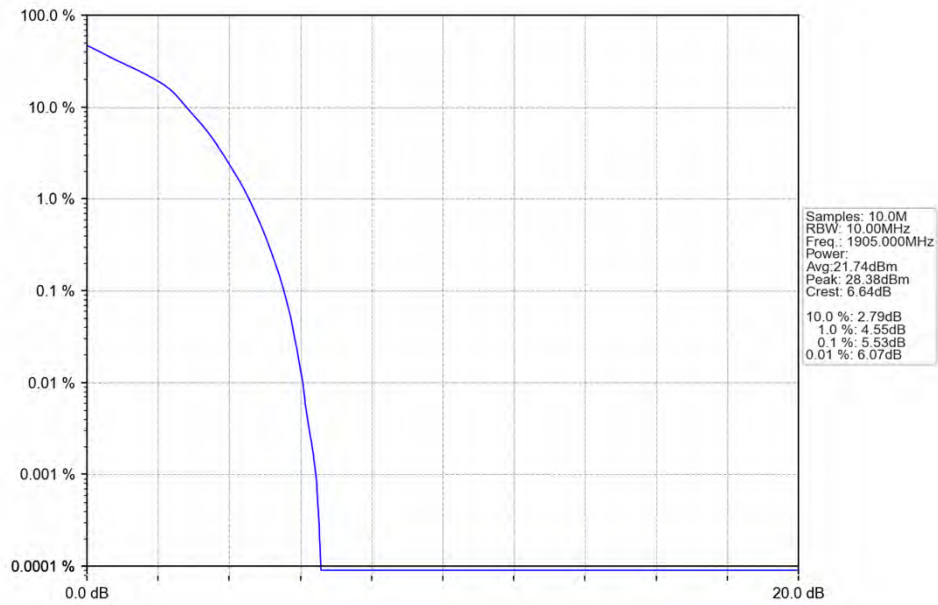
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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



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

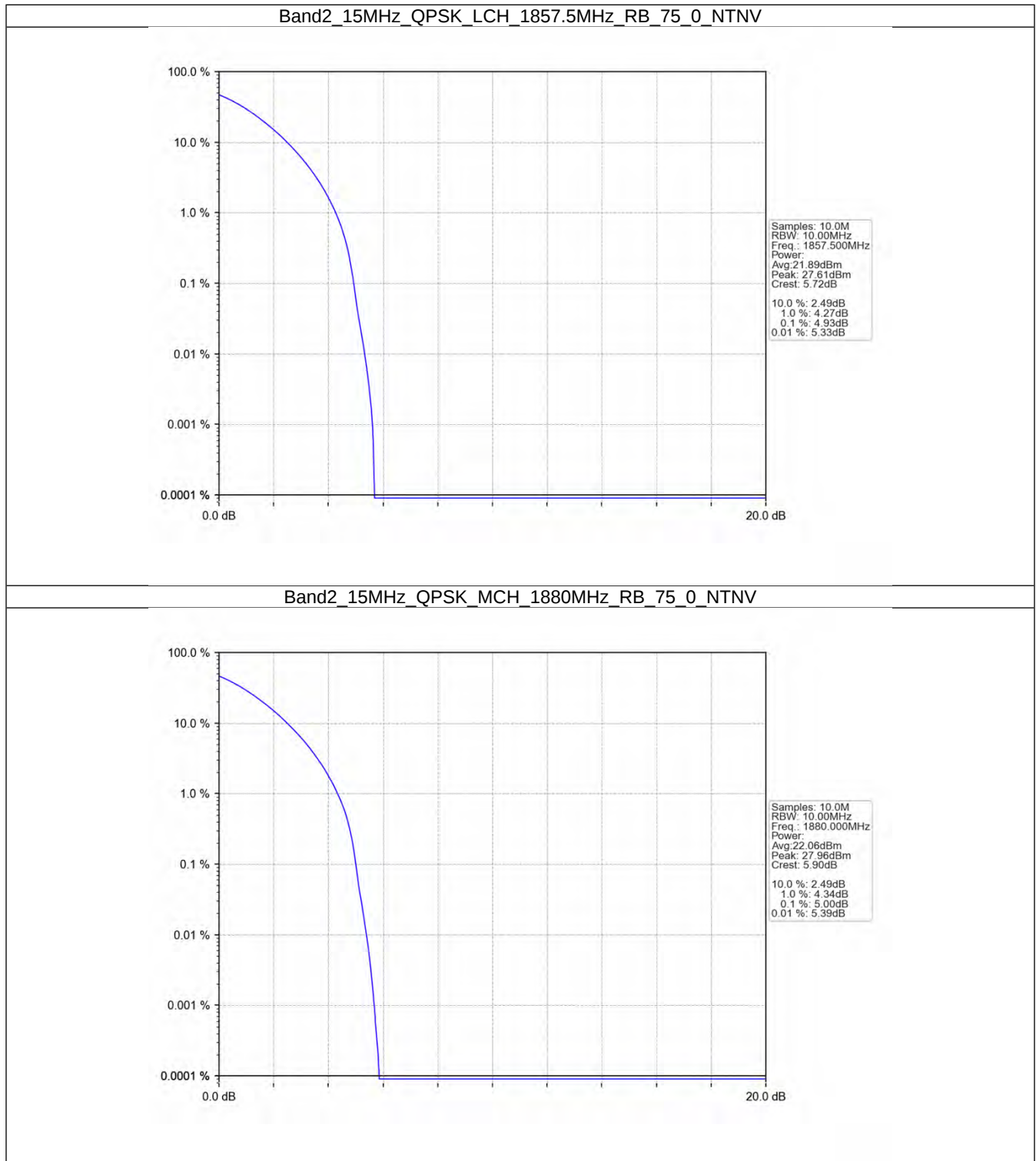


## 5.5 B2\_15MHz

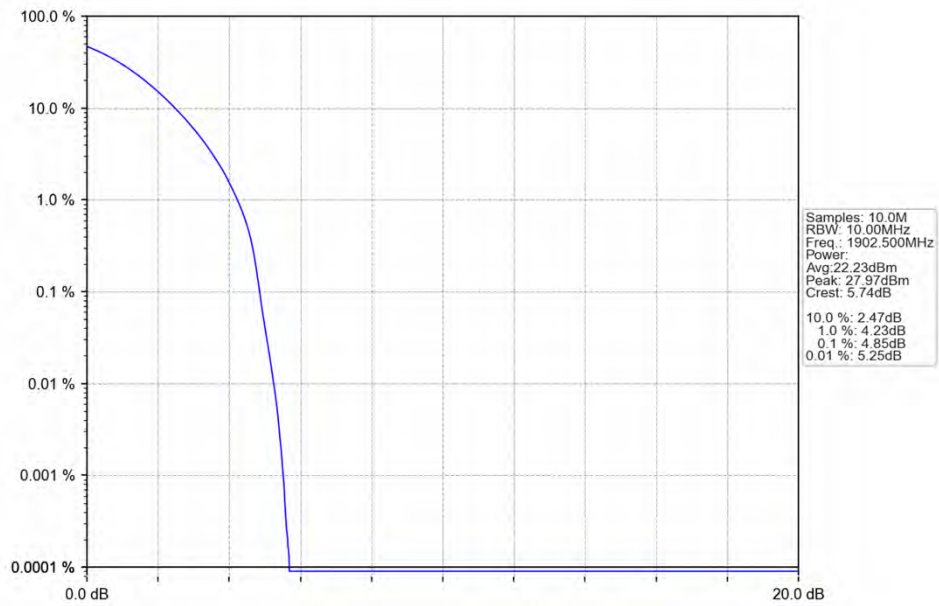
## 5.5.1 Test Result

| Band: 2 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1857.5          | 75            | 0      | 4.93                    | <=13  | Pass    |
|                                   | 1880            | 75            | 0      | 5.00                    | <=13  | Pass    |
|                                   | 1902.5          | 75            | 0      | 4.85                    | <=13  | Pass    |
| 16QAM                             | 1857.5          | 75            | 0      | 5.67                    | <=13  | Pass    |
|                                   | 1880            | 75            | 0      | 5.77                    | <=13  | Pass    |
|                                   | 1902.5          | 75            | 0      | 5.63                    | <=13  | Pass    |

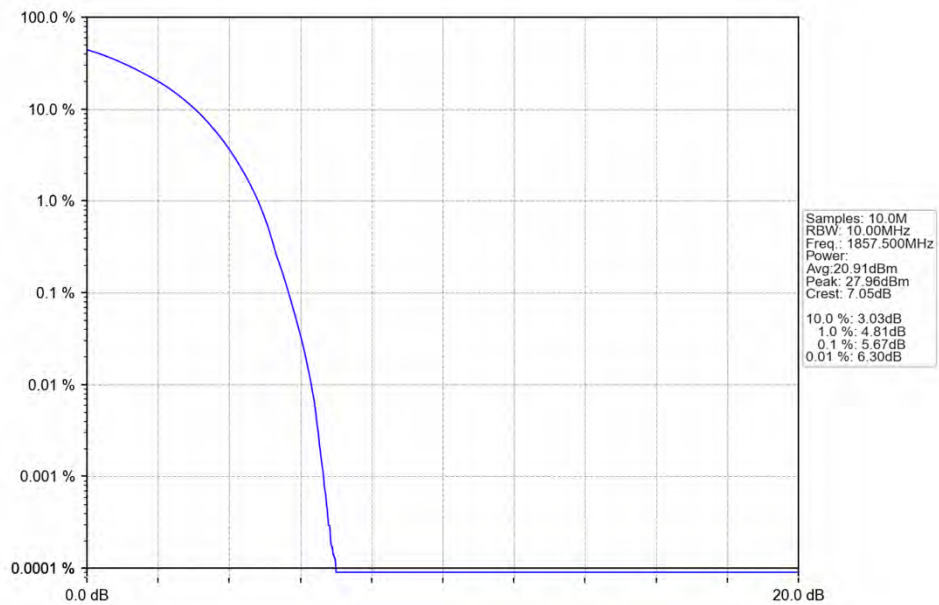
## 5.5.2 Test Graph



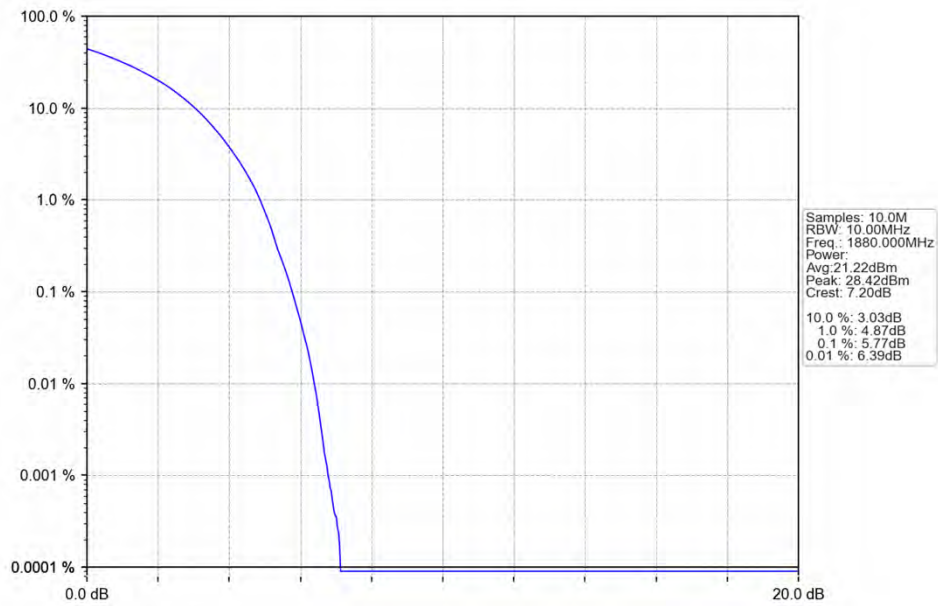
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



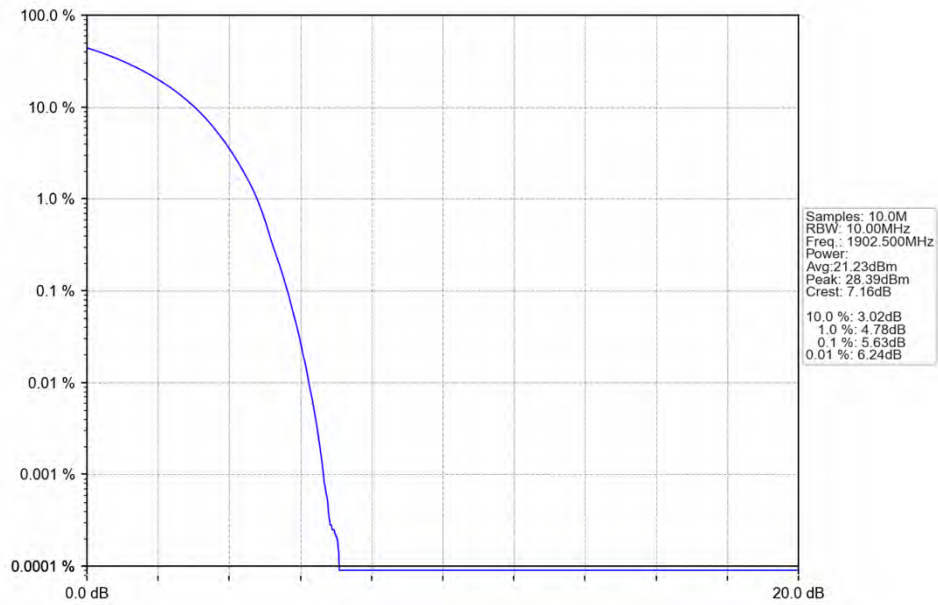
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



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



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

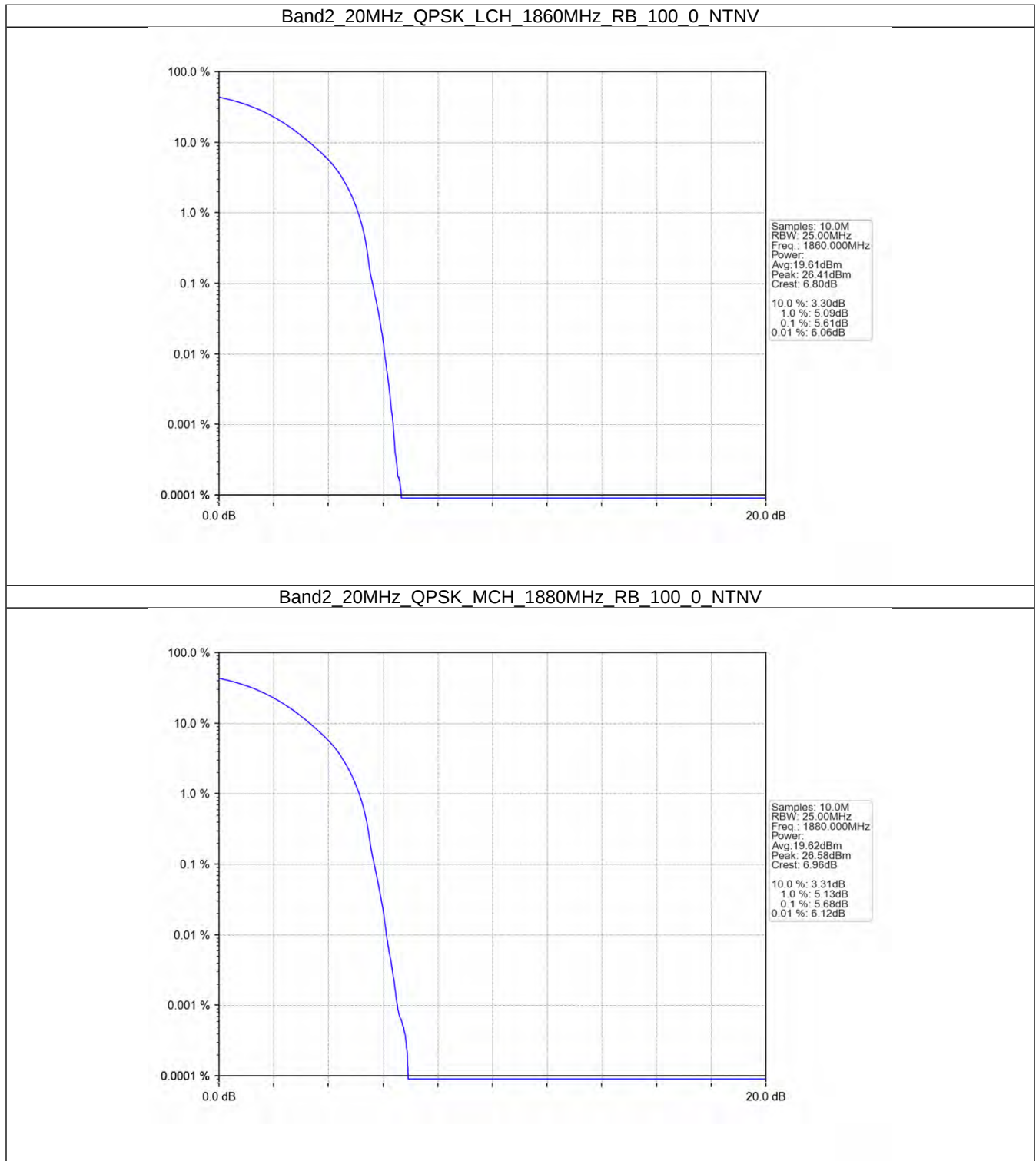


## 5.6 B2\_20MHz

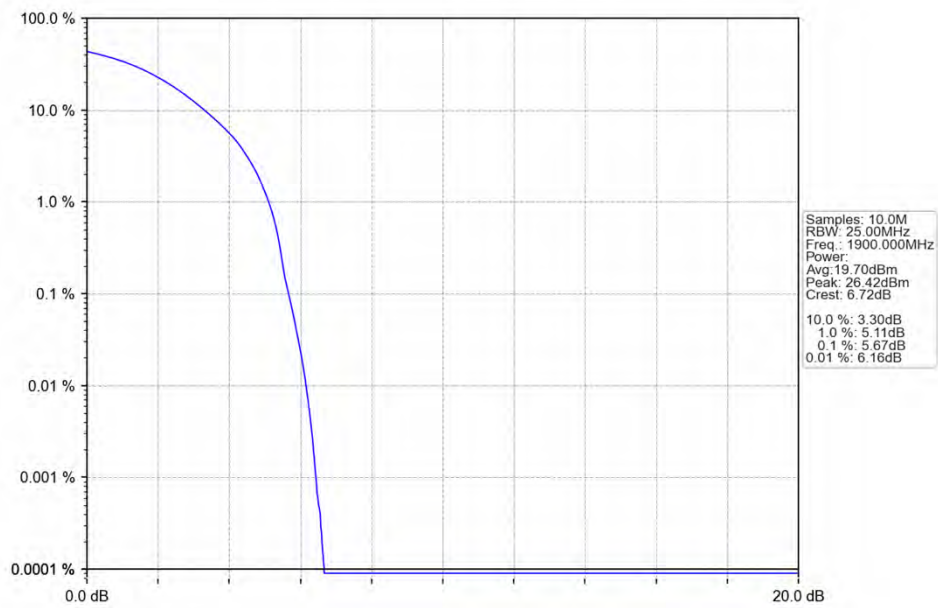
### 5.6.1 Test Result

| Band: 2 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1860            | 100           | 0      | 5.61                    | <=13  | Pass    |
|                                   | 1880            | 100           | 0      | 5.68                    | <=13  | Pass    |
|                                   | 1900            | 100           | 0      | 5.67                    | <=13  | Pass    |
| 16QAM                             | 1860            | 100           | 0      | 6.60                    | <=13  | Pass    |
|                                   | 1880            | 100           | 0      | 6.65                    | <=13  | Pass    |
|                                   | 1900            | 100           | 0      | 6.53                    | <=13  | Pass    |

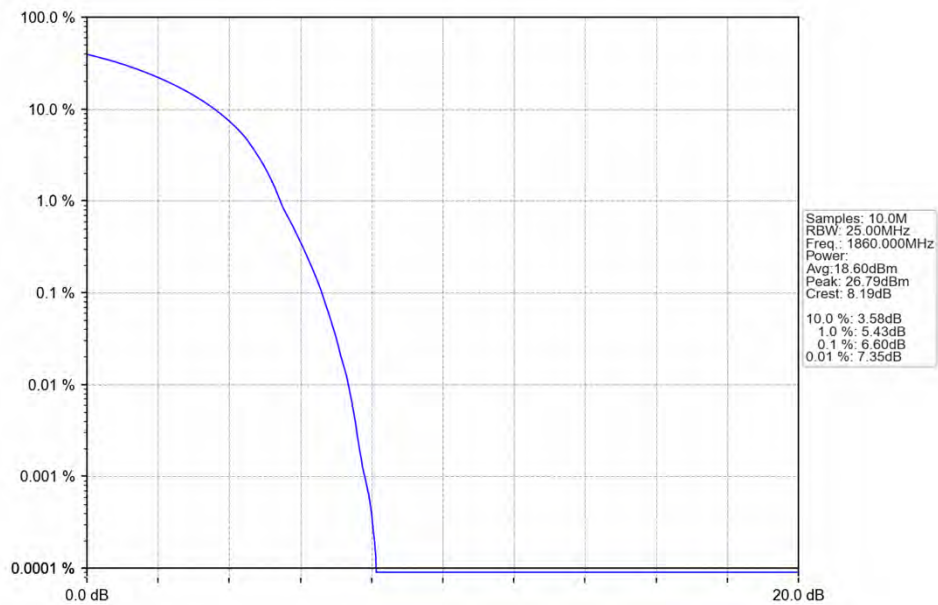
## 5.6.2 Test Graph



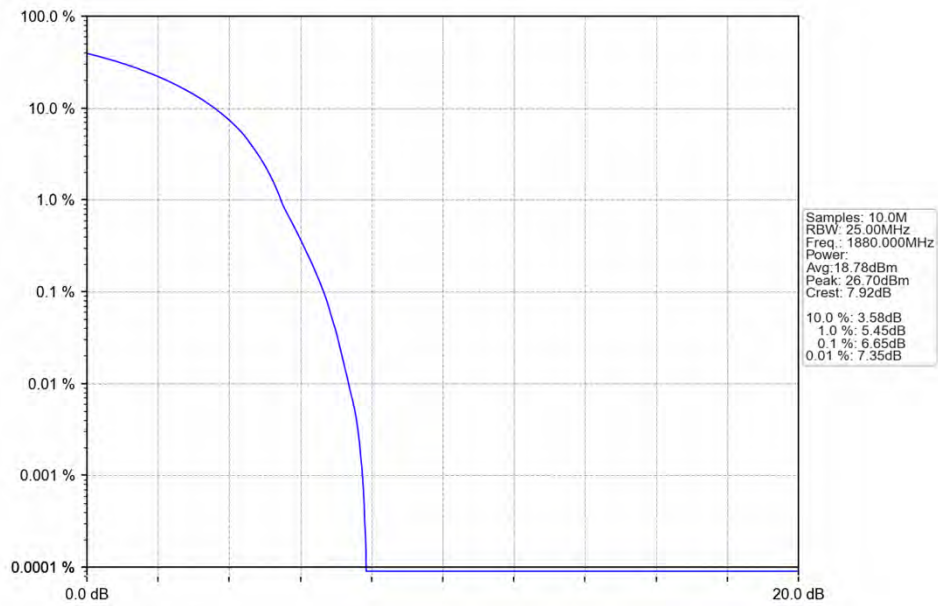
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



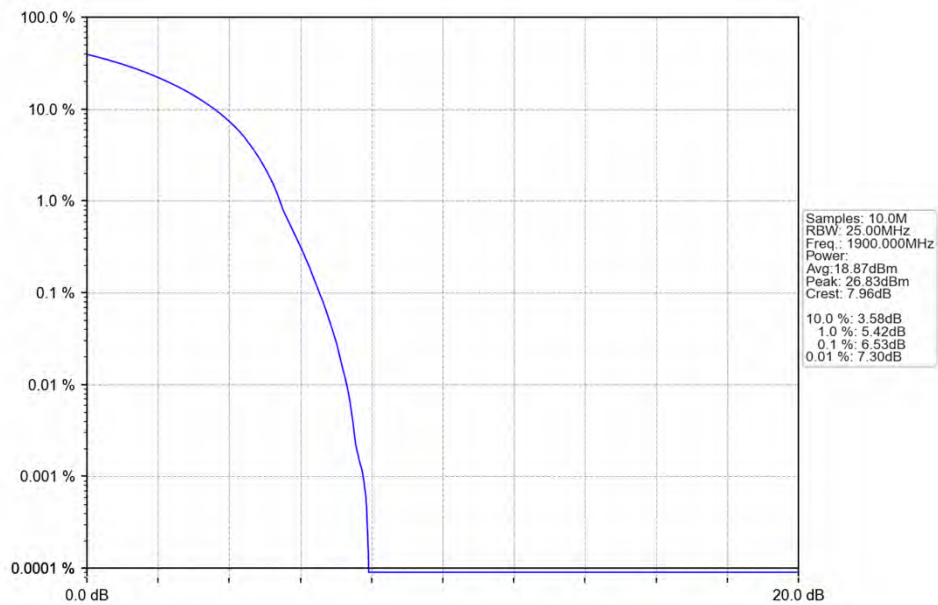
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



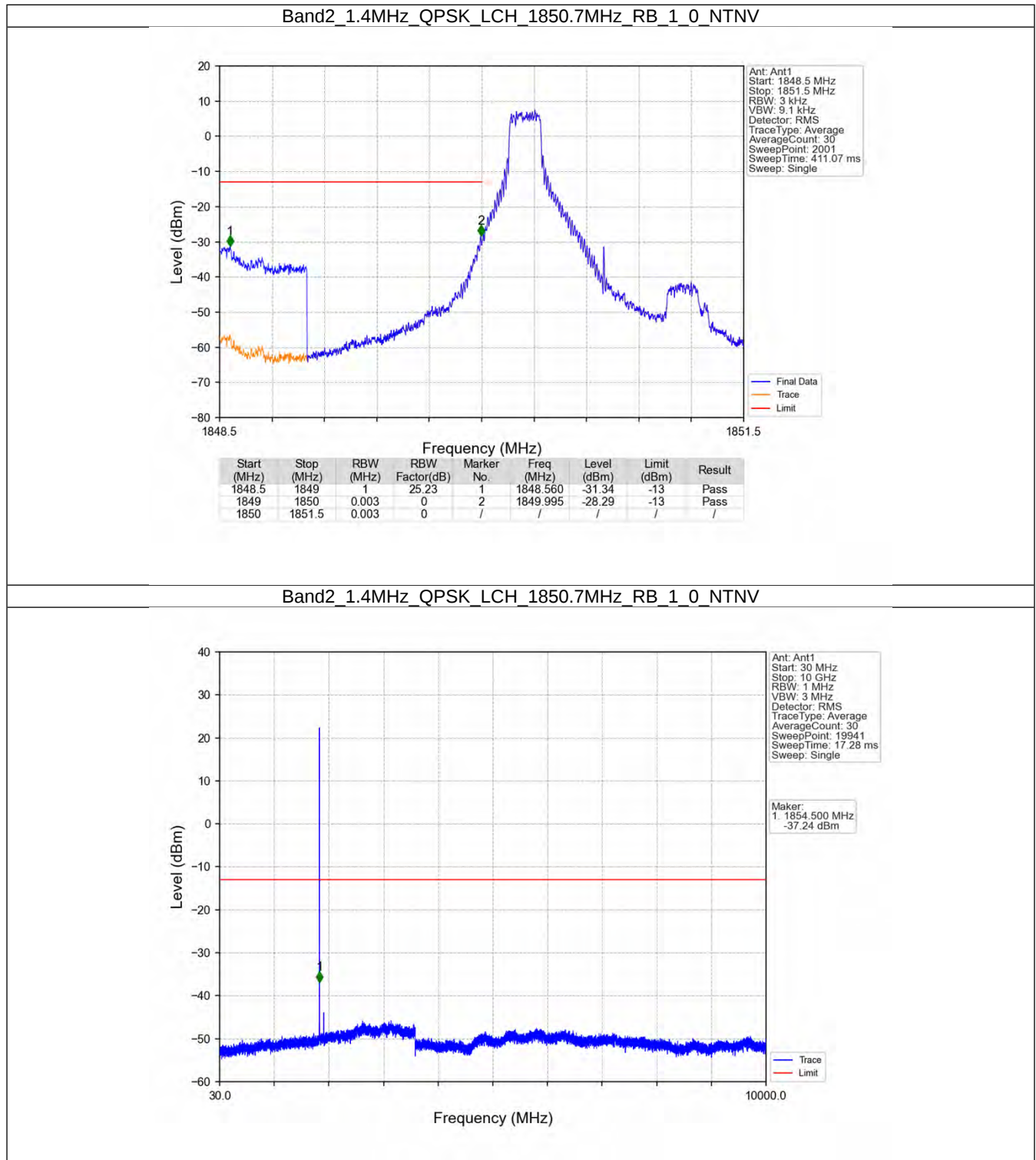
## 6. Spurious Emission

### 6.1 B2\_1.4MHz

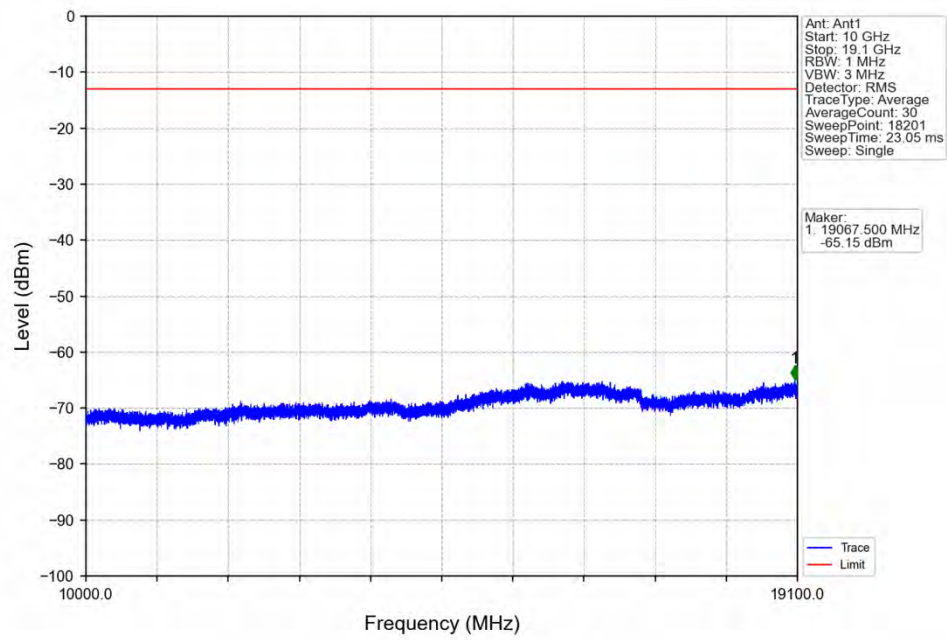
#### 6.1.1 Test Result

| Band: 2 / Bandwidth: 1.4MHz / NTVN |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1850.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1909.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                              | 1850.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1909.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                    |                 | 6             | 0      | Refer To Test Graph |       | Pass    |

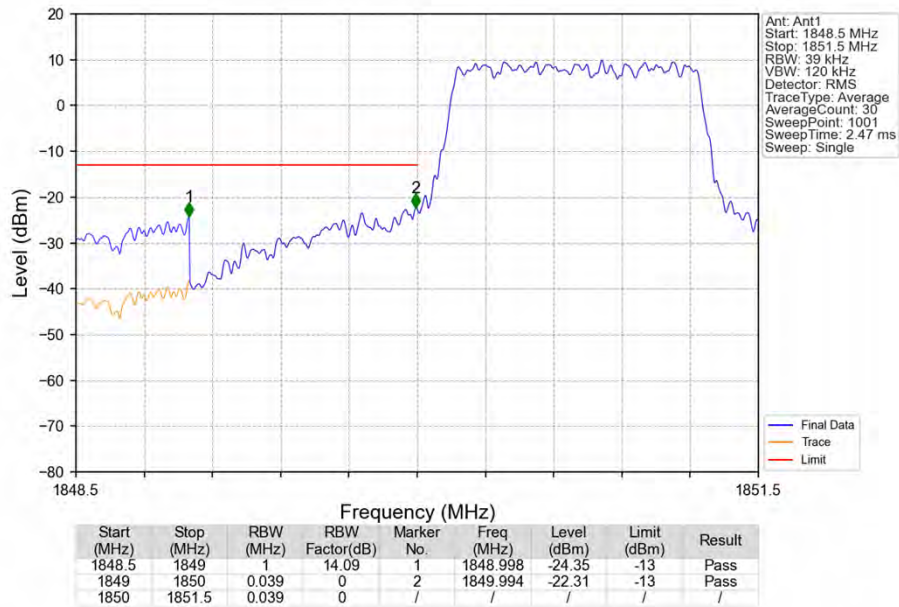
## 6.1.2 Test Graph



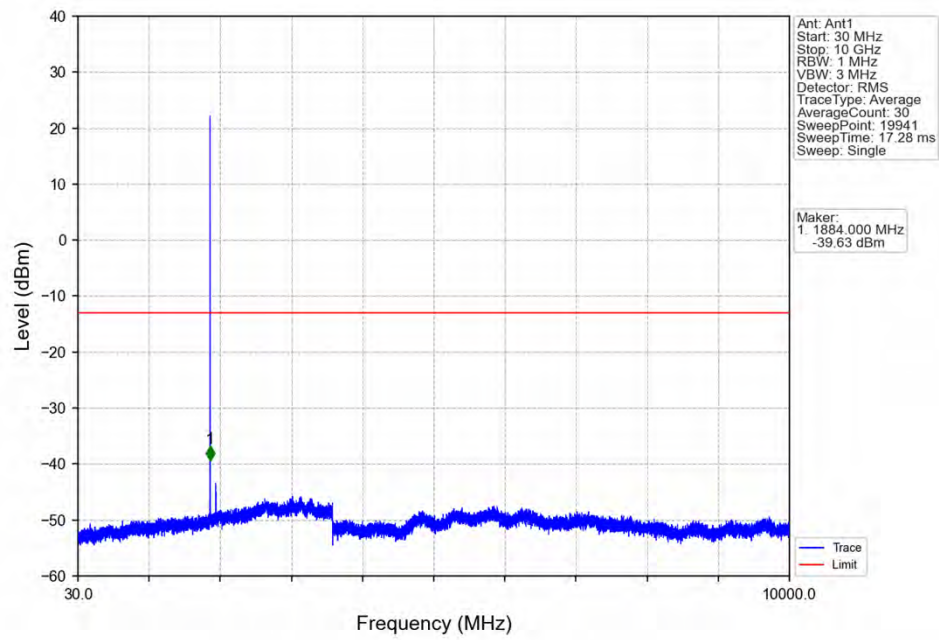
Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



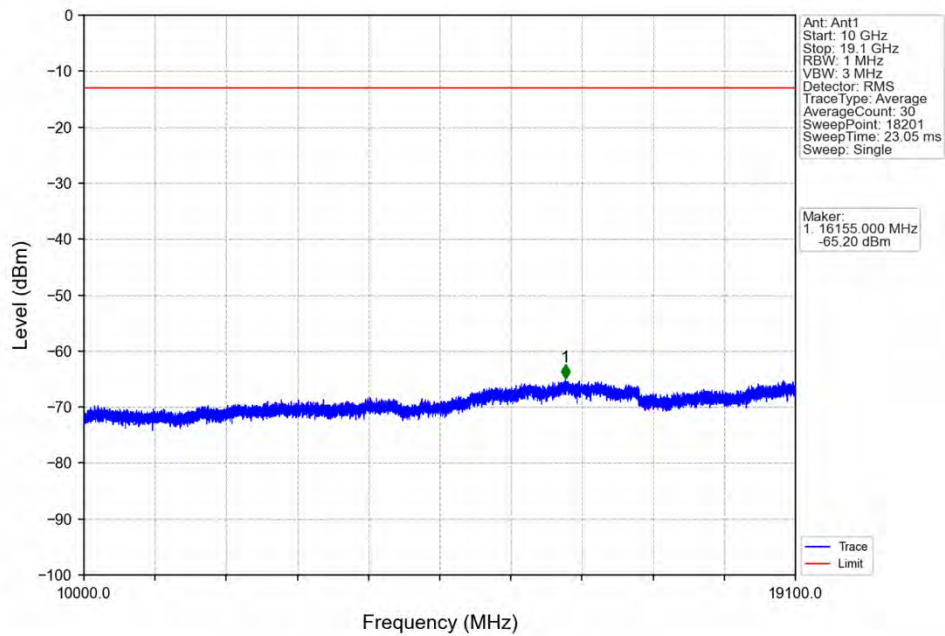
Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



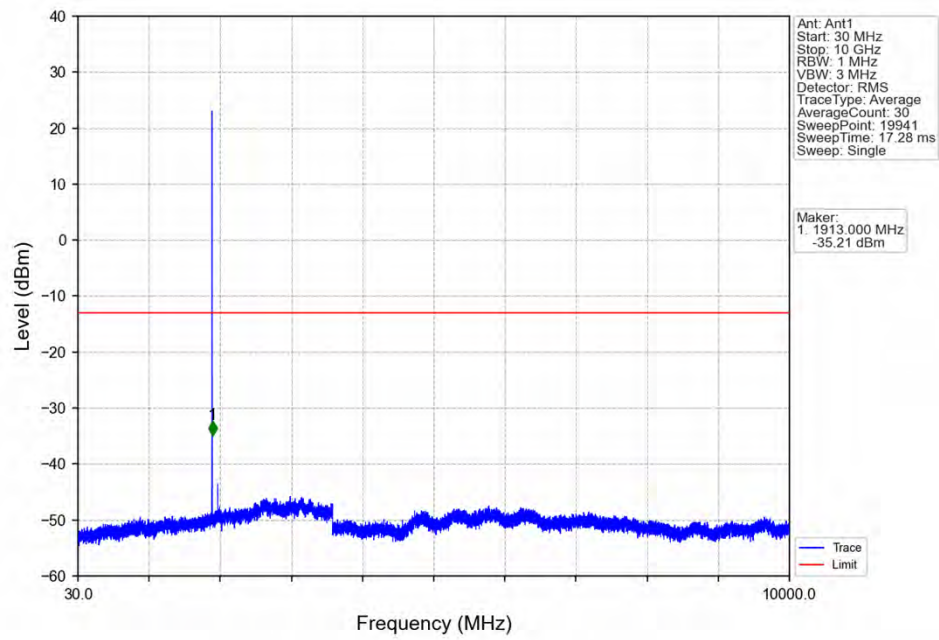
Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



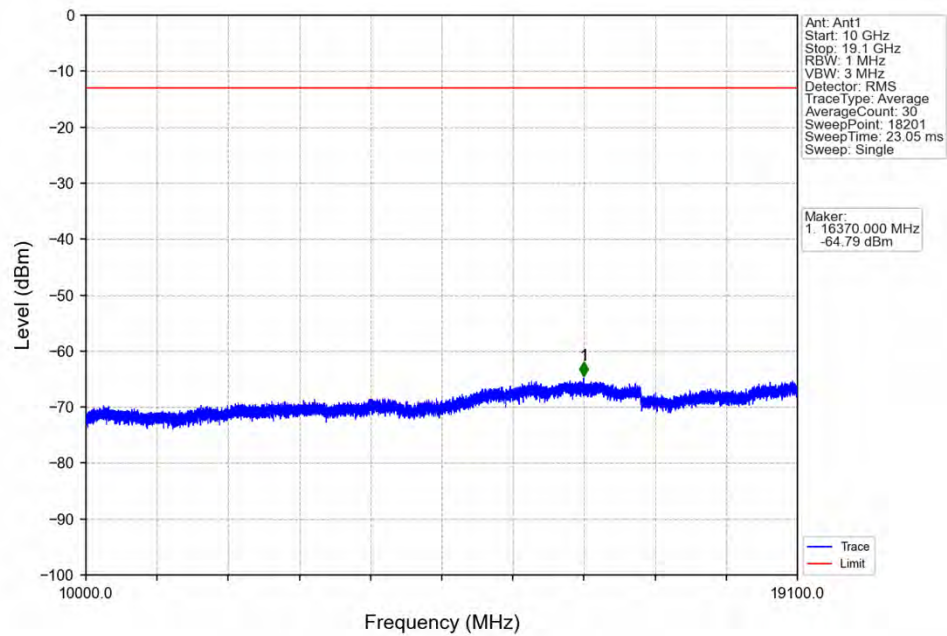
Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



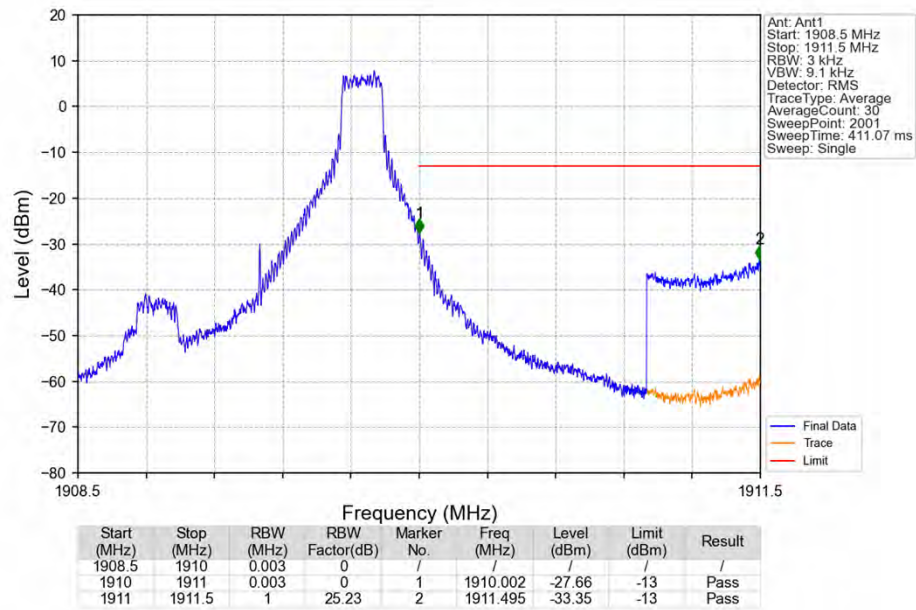
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



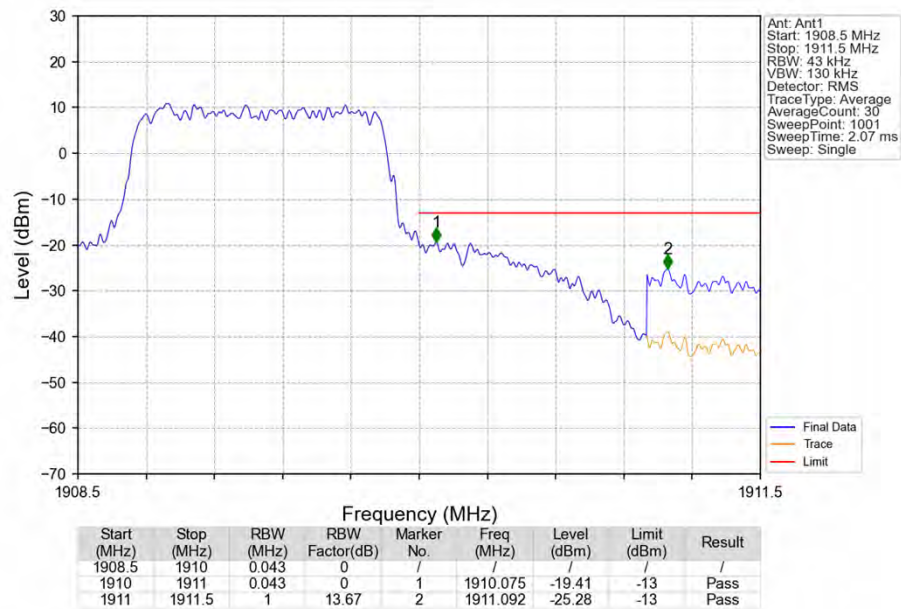
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



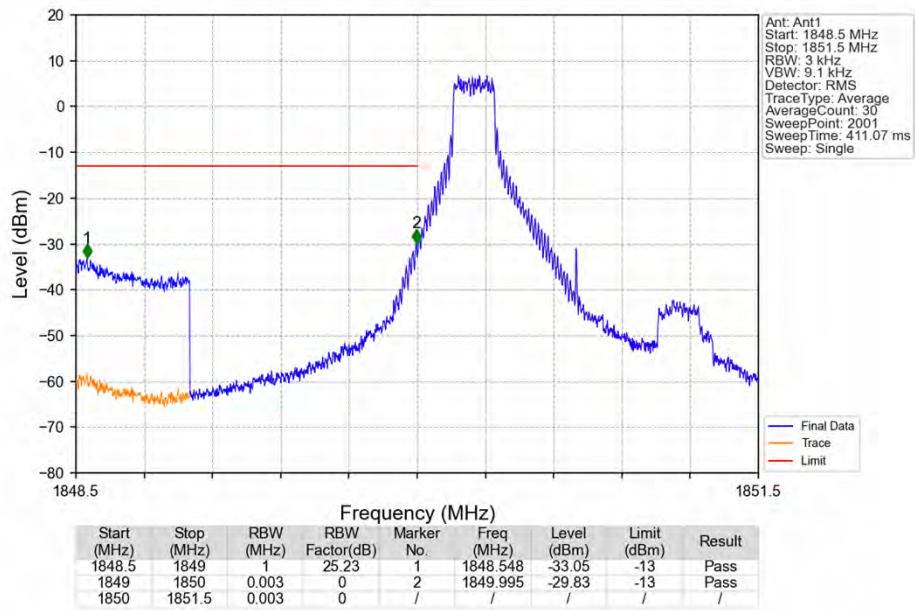
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_5\_NTNV



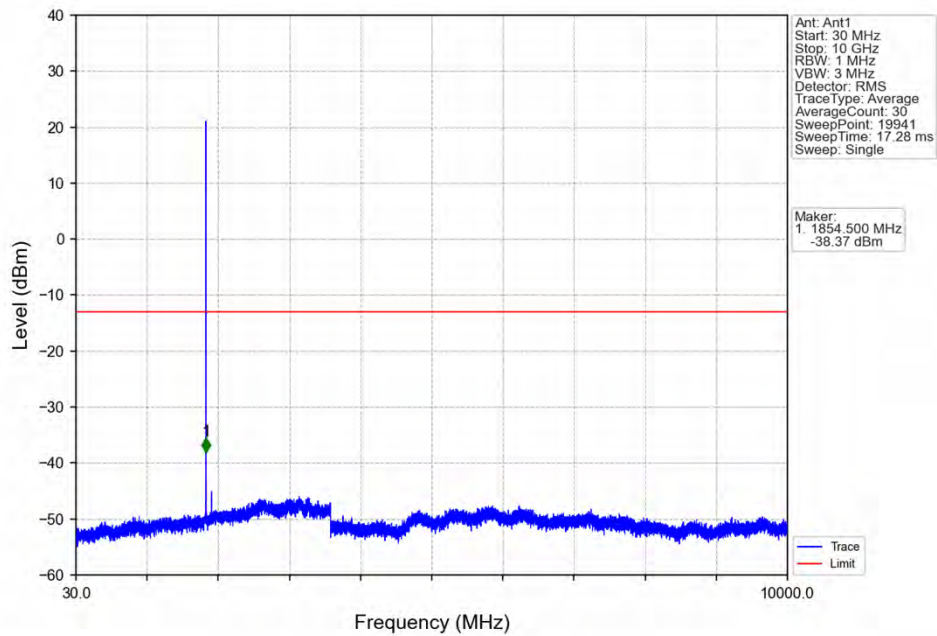
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



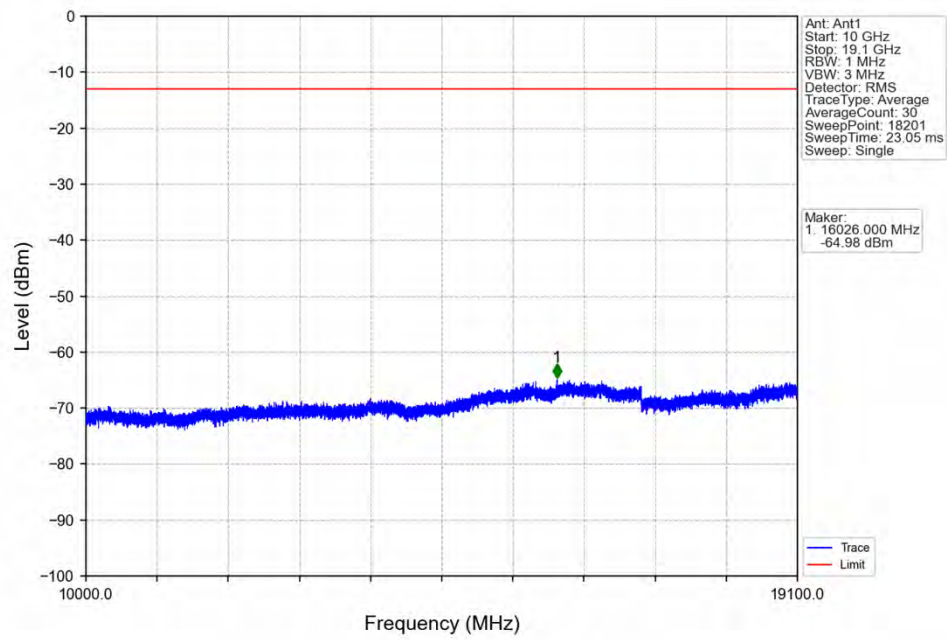
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



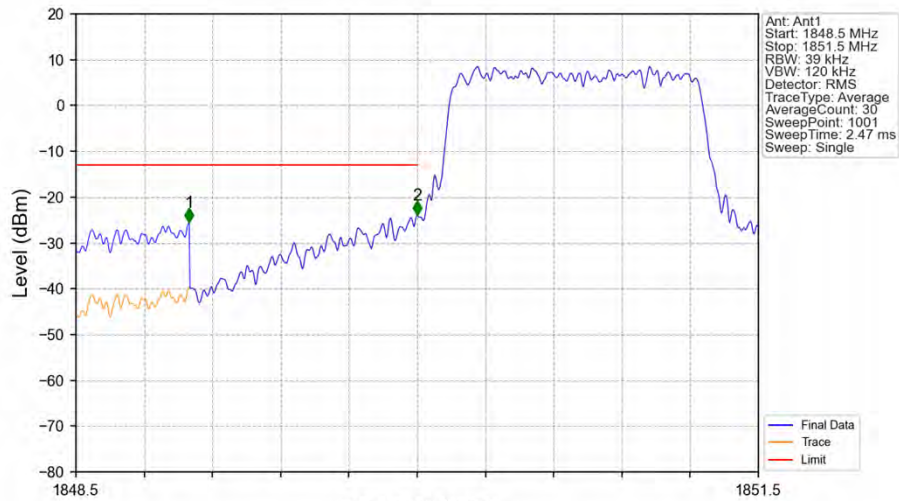
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



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

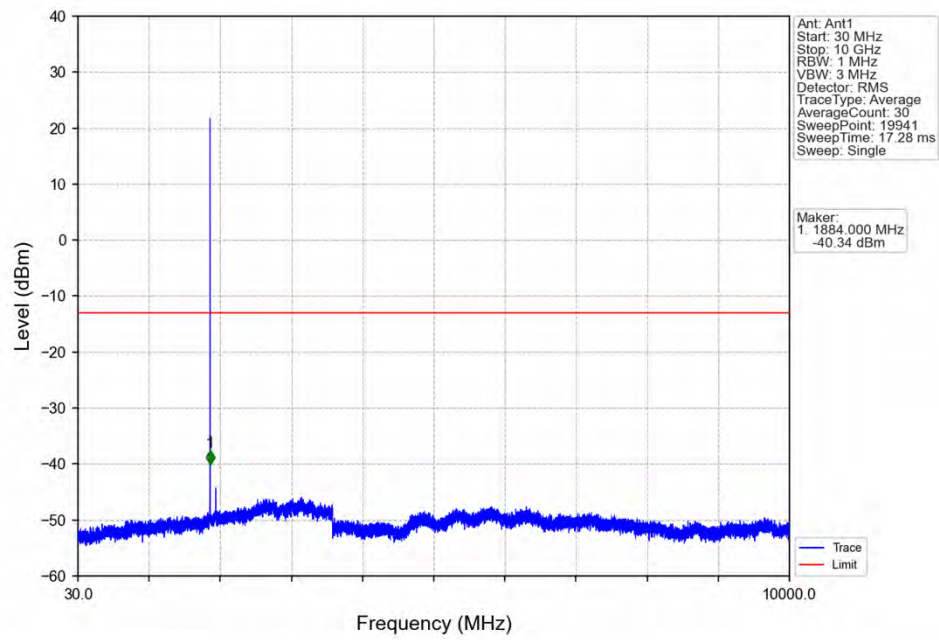


Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

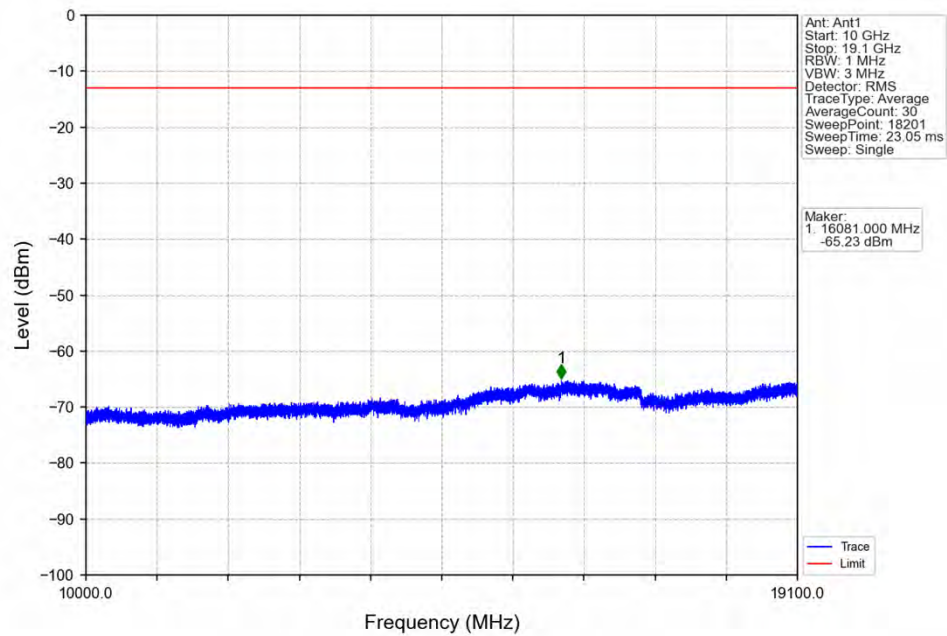


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 1848.5      | 1849       | 1         | 14.09          | 1          | 1848.998   | -25.54      | -13         | Pass   |
| 1849        | 1850       | 0.039     | 0              | 2          | 1850.000   | -23.97      | -13         | Pass   |
| 1850        | 1851.5     | 0.039     | 0              | /          | /          | /           | /           | /      |

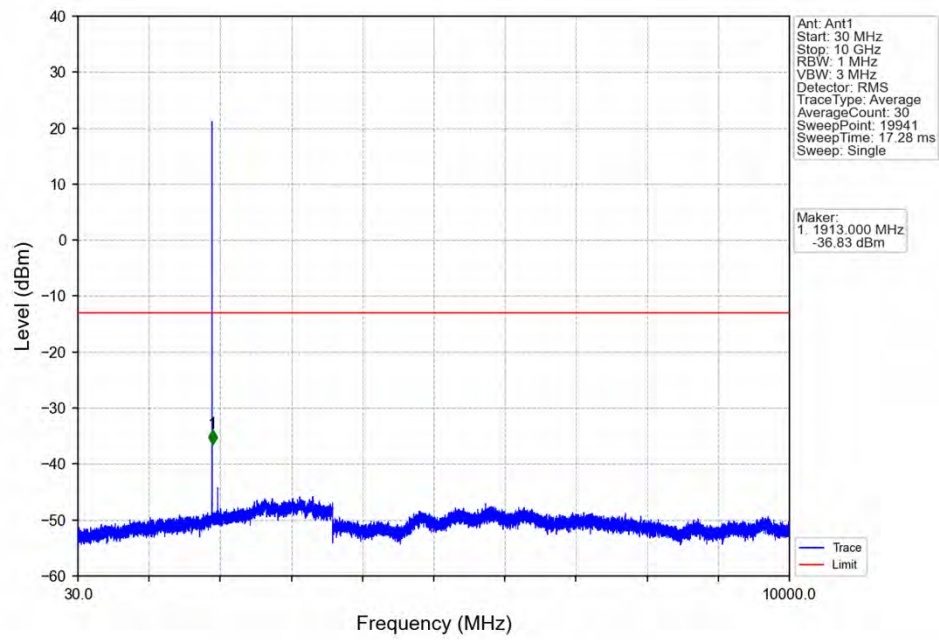
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



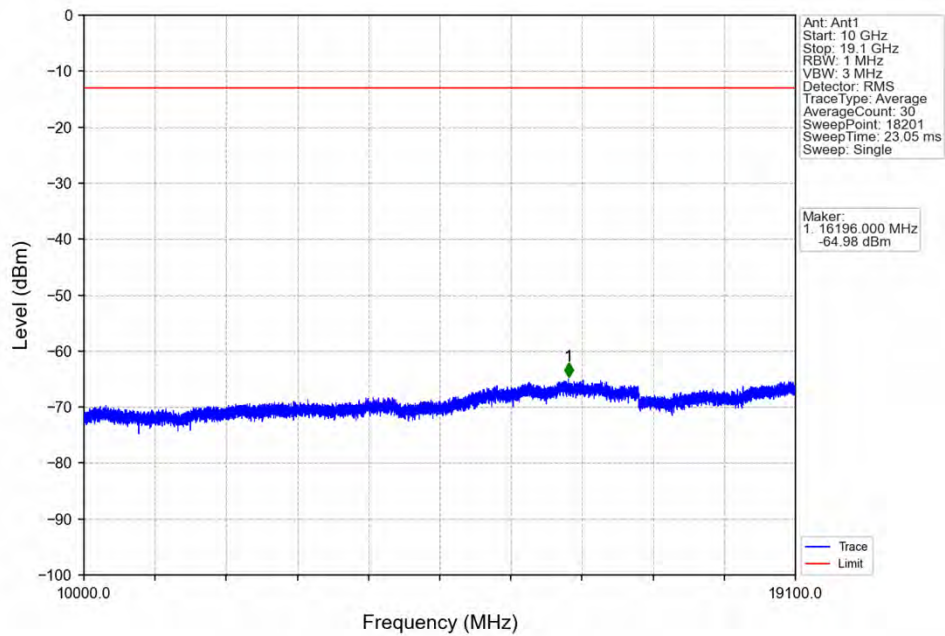
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



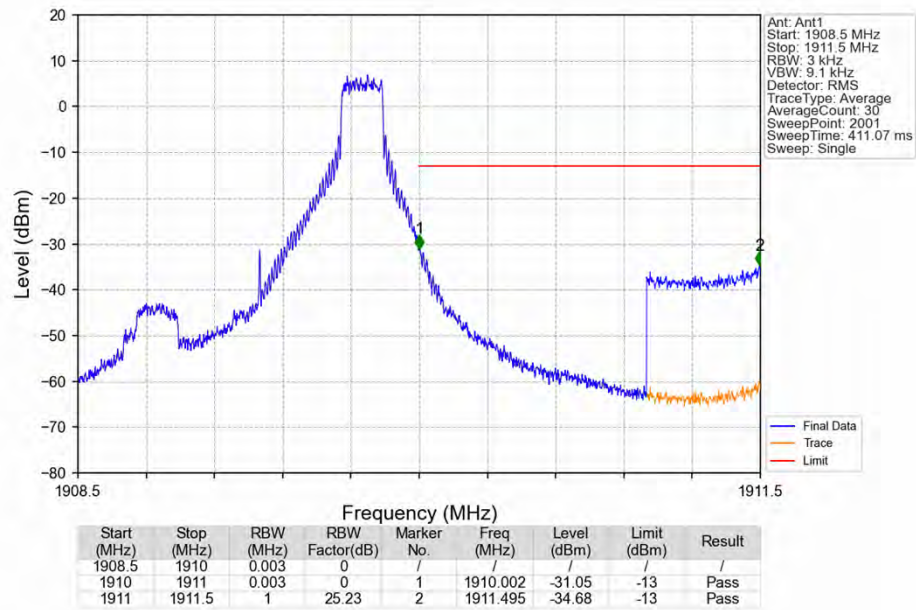
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



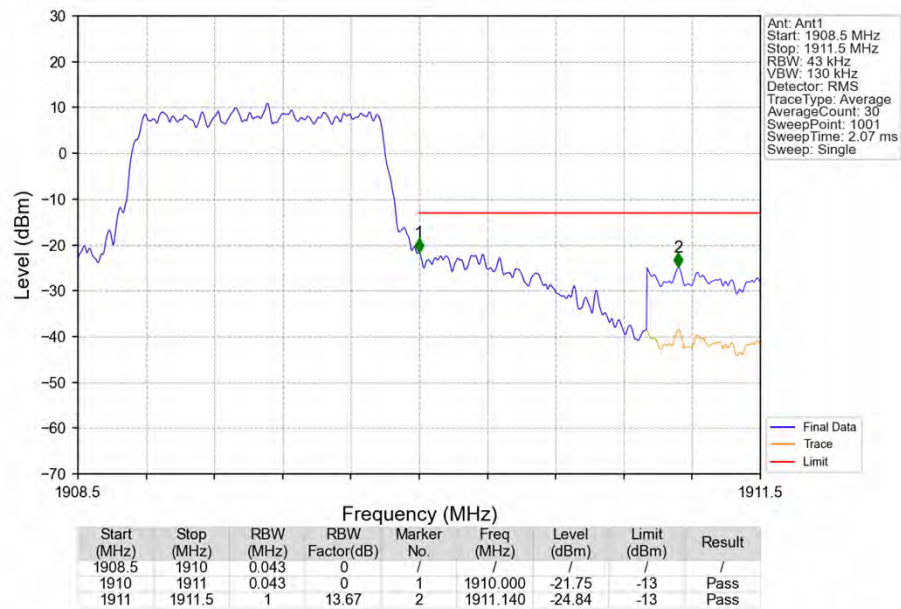
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



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



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

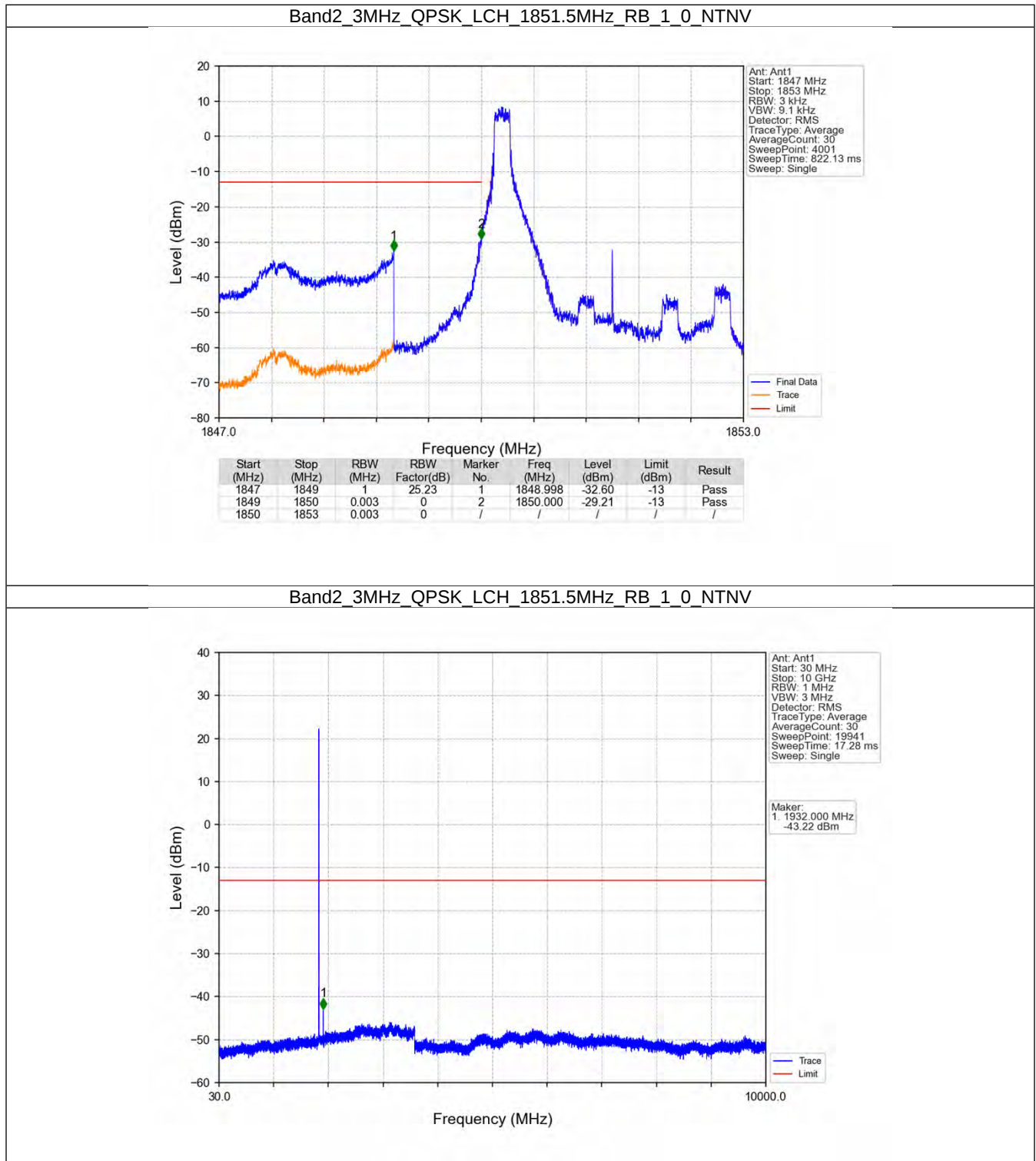


## 6.2 B2\_3MHz

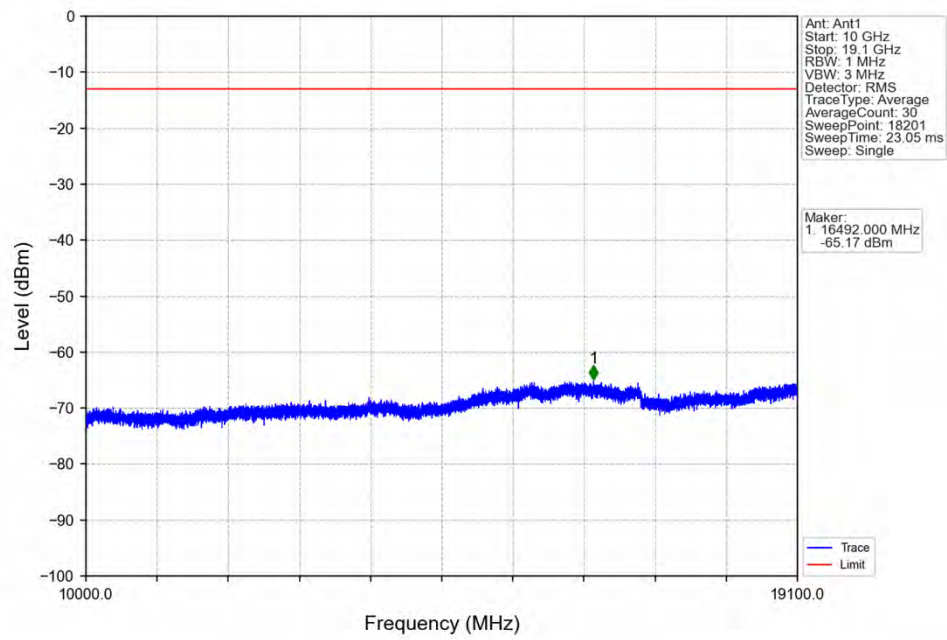
### 6.2.1 Test Result

| Band: 2 / Bandwidth: 3MHz / NTVN |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1851.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1908.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                            | 1851.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1880            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1908.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |

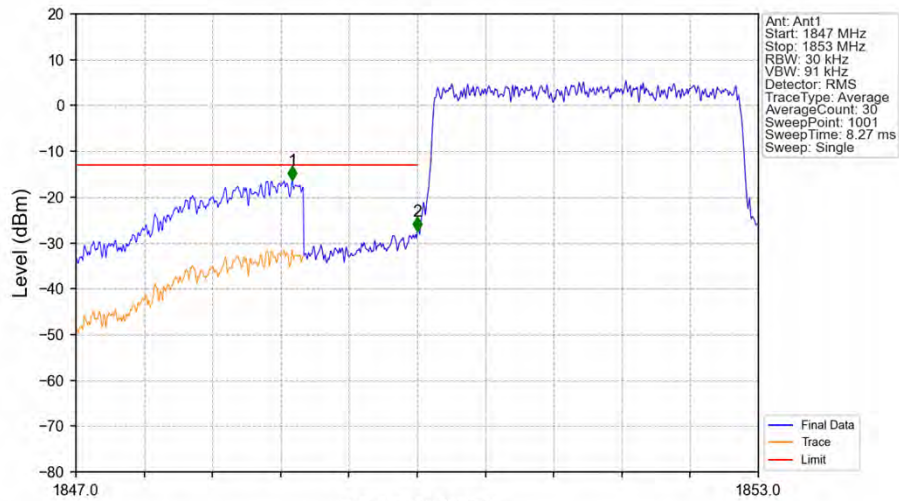
## 6.2.2 Test Graph



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

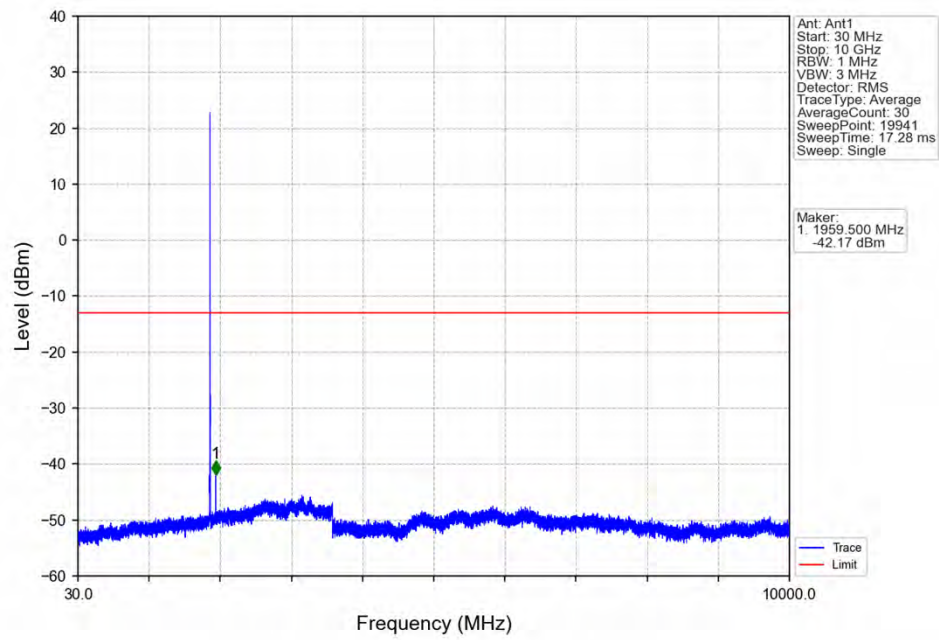


Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

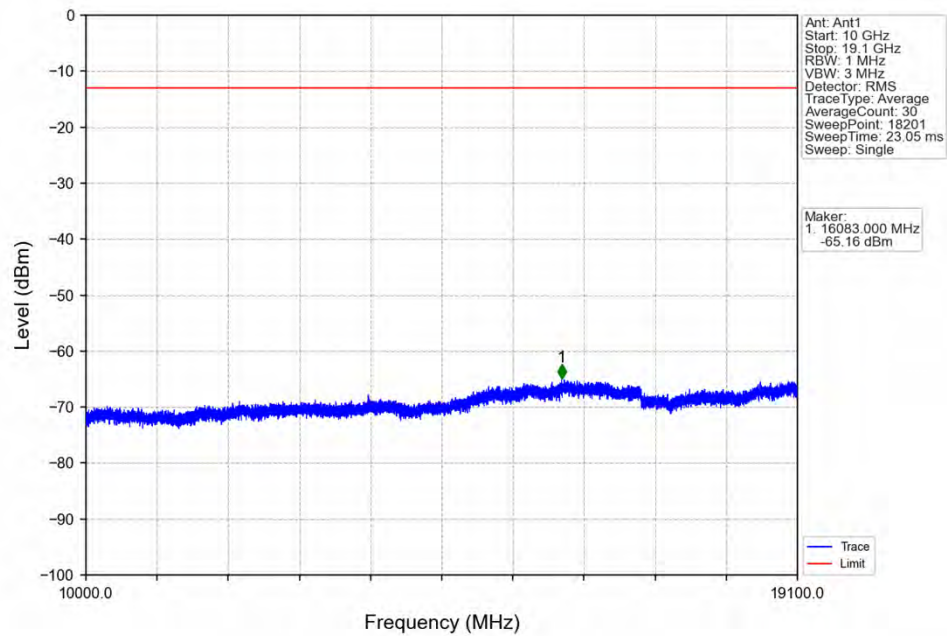


| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | 15.23          | 1          | 1848.902   | -16.31      | -13         | Pass   |
| 1849        | 1850       | 0.03      | 0              | 2          | 1850.000   | -27.48      | -13         | Pass   |
| 1850        | 1853       | 0.03      | 0              | /          | /          | /           | /           | /      |

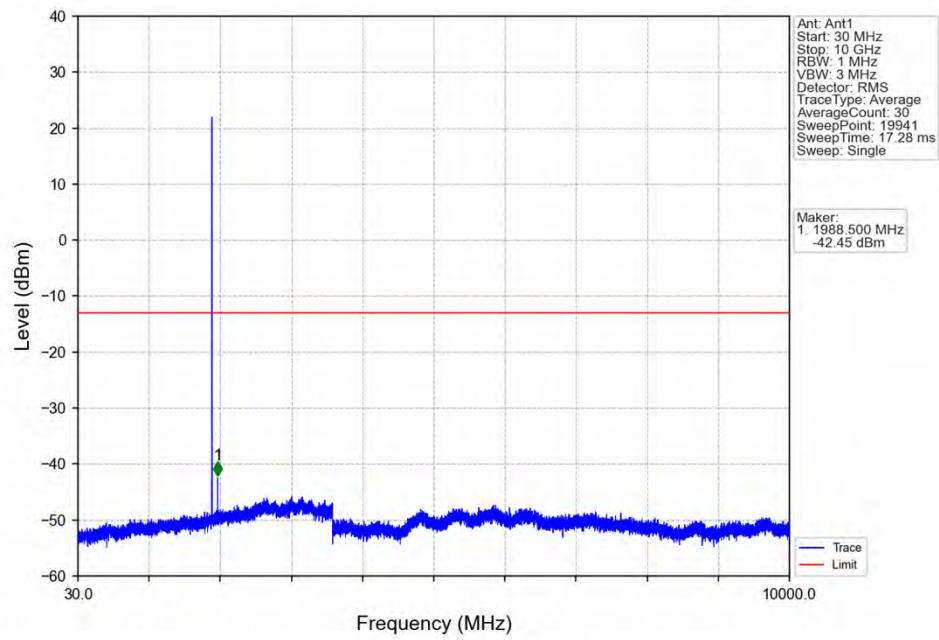
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



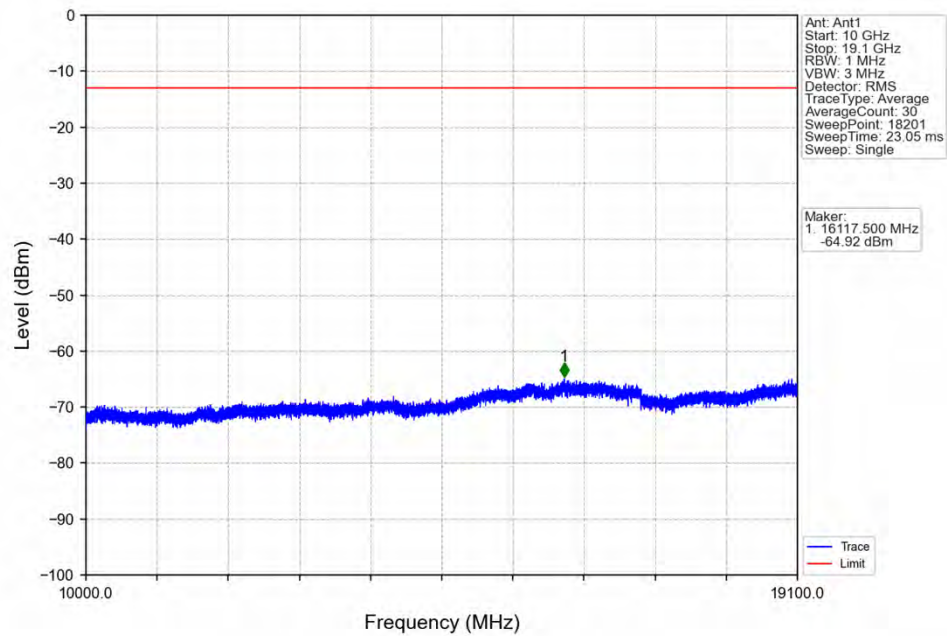
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



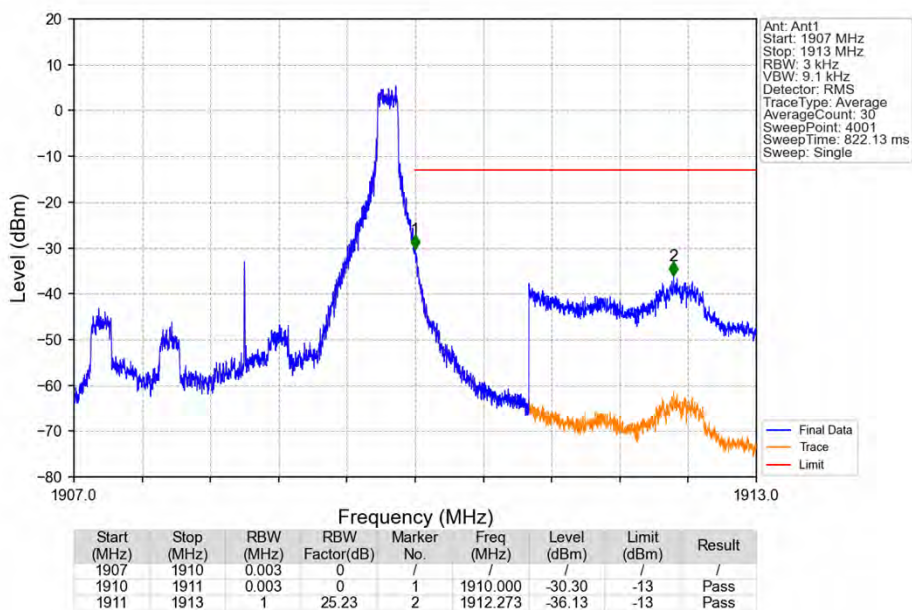
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



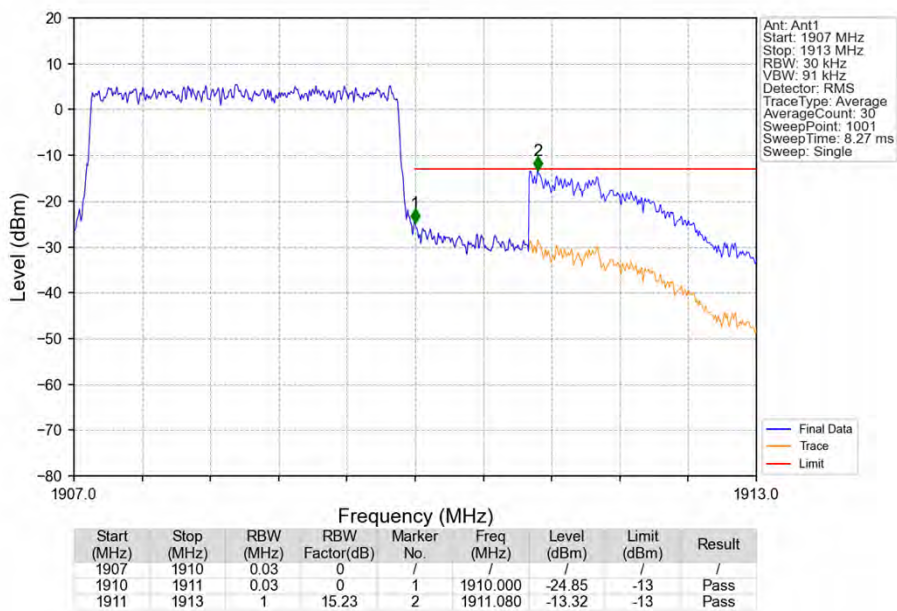
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



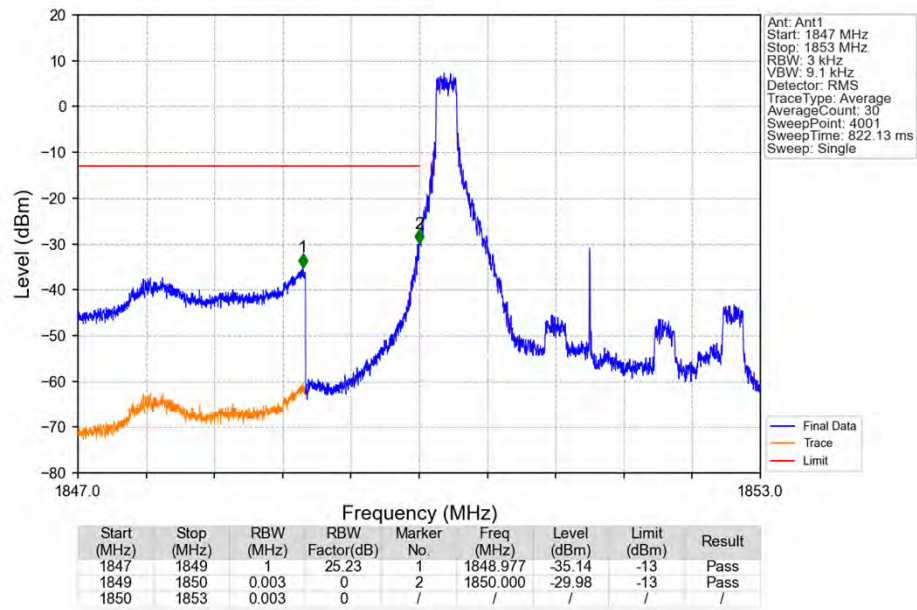
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_14\_NTNV



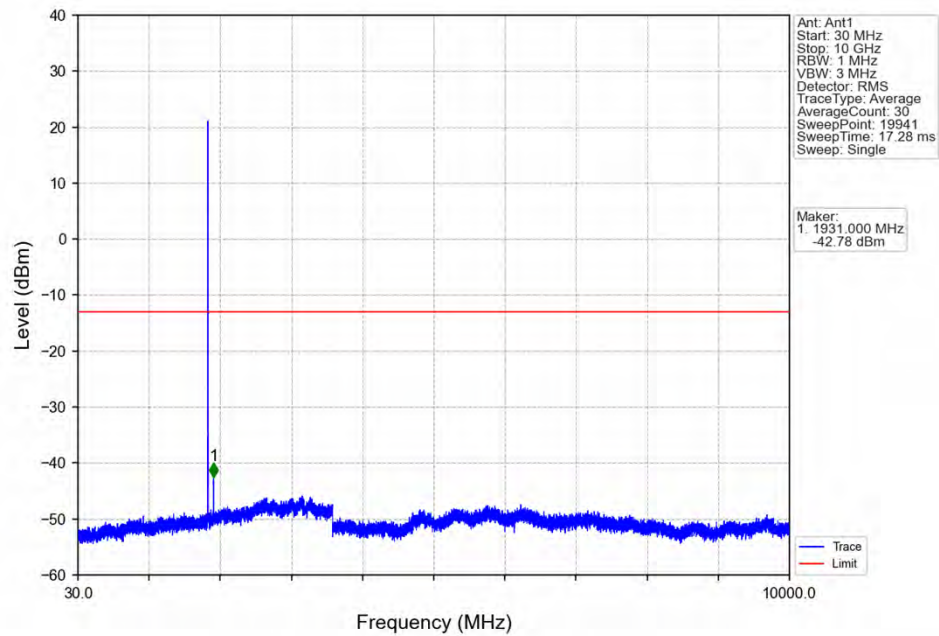
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



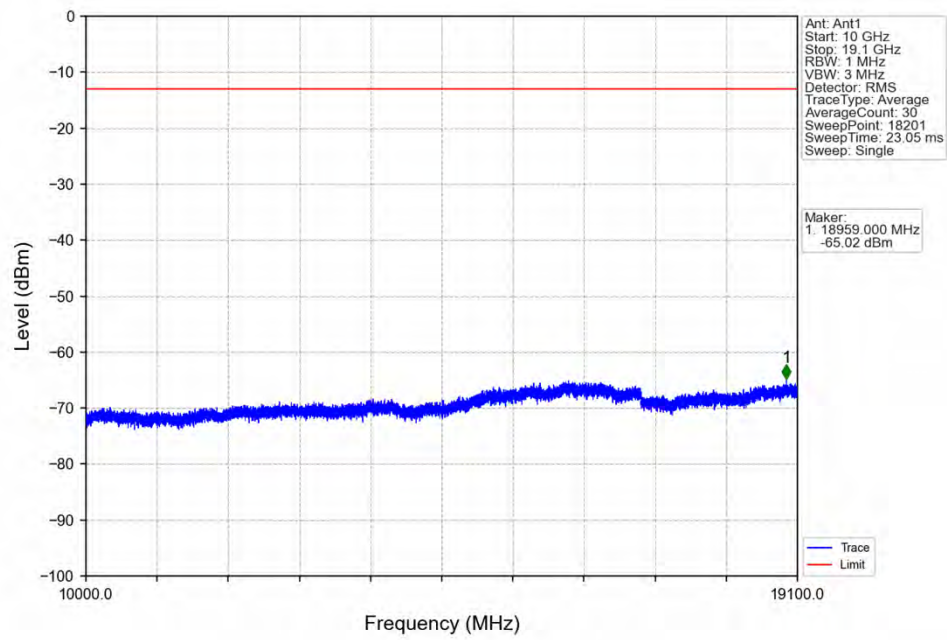
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



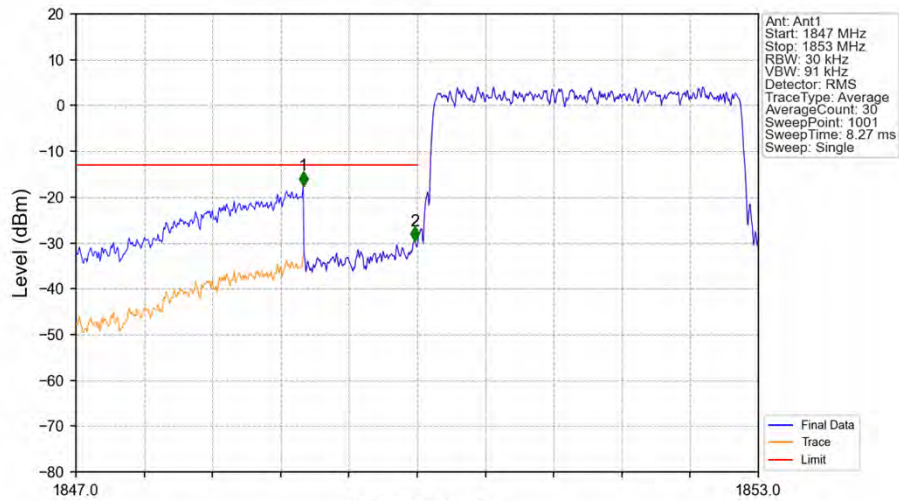
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



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

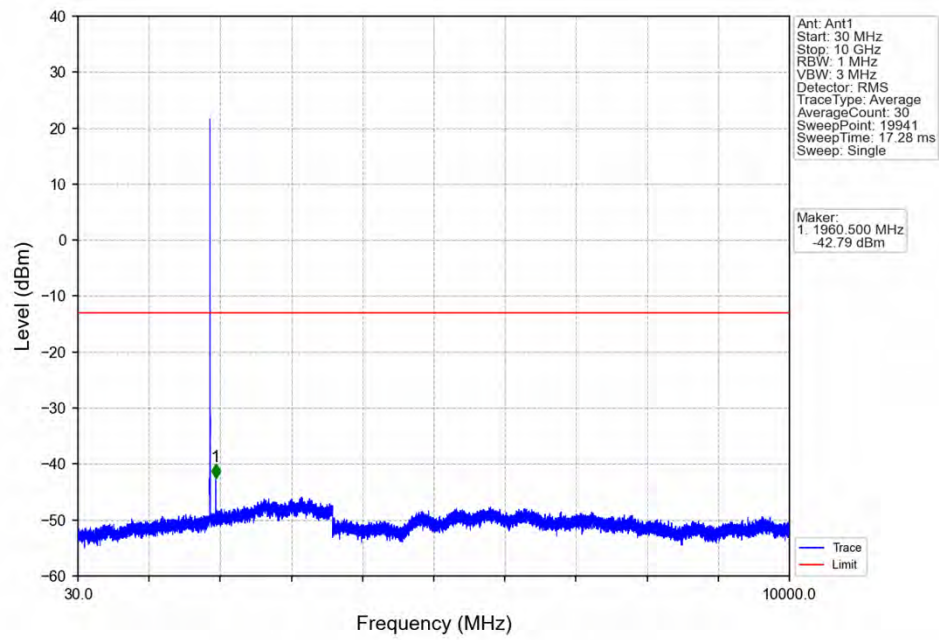


Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|----------------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | 15.23          | 1          | 1848.998   | -17.50      | -13         | Pass   |
| 1849        | 1850       | 0.03      | 0              | 2          | 1849.982   | -29.51      | -13         | Pass   |
| 1850        | 1853       | 0.03      | 0              | /          | /          | /           | /           | /      |

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



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

