

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B25\_1.4MHz\_EIRP

| Band: 25 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                     |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                                | 1850.7          | 1             | 0      | 23.85                 | 0.10       | 23.95      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 23.95                 | 0.10       | 24.05      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 22.75                 | 0.10       | 22.85      | <=33.01 | Pass    |
|                                     | 1882.5          | 1             | 0      | 23.80                 | 0.10       | 23.90      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 23.80                 | 0.10       | 23.90      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 22.76                 | 0.10       | 22.86      | <=33.01 | Pass    |
|                                     | 1914.3          | 1             | 0      | 23.62                 | 0.10       | 23.72      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 23.70                 | 0.10       | 23.80      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 22.83                 | 0.10       | 22.93      | <=33.01 | Pass    |
| 16QAM                               | 1850.7          | 1             | 0      | 22.85                 | 0.10       | 22.95      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 22.70                 | 0.10       | 22.80      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 21.81                 | 0.10       | 21.91      | <=33.01 | Pass    |
|                                     | 1882.5          | 1             | 0      | 23.04                 | 0.10       | 23.14      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 23.09                 | 0.10       | 23.19      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 21.84                 | 0.10       | 21.94      | <=33.01 | Pass    |
|                                     | 1914.3          | 1             | 0      | 22.96                 | 0.10       | 23.06      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 22.96                 | 0.10       | 23.06      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 21.86                 | 0.10       | 21.96      | <=33.01 | Pass    |
| 64QAM                               | 1850.7          | 1             | 0      | 21.74                 | 0.10       | 21.84      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 21.67                 | 0.10       | 21.77      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 20.78                 | 0.10       | 20.88      | <=33.01 | Pass    |
|                                     | 1882.5          | 1             | 0      | 21.98                 | 0.10       | 22.08      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 21.97                 | 0.10       | 22.07      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 20.78                 | 0.10       | 20.88      | <=33.01 | Pass    |
|                                     | 1914.3          | 1             | 0      | 21.74                 | 0.10       | 21.84      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 22.01                 | 0.10       | 22.11      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 20.74                 | 0.10       | 20.84      | <=33.01 | Pass    |
| 256QAM                              | 1850.7          | 1             | 0      | 18.96                 | 0.10       | 19.06      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 19.00                 | 0.10       | 19.10      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 18.80                 | 0.10       | 18.90      | <=33.01 | Pass    |
|                                     | 1882.5          | 1             | 0      | 18.99                 | 0.10       | 19.09      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 18.99                 | 0.10       | 19.09      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 18.88                 | 0.10       | 18.98      | <=33.01 | Pass    |
|                                     | 1914.3          | 1             | 0      | 18.95                 | 0.10       | 19.05      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 18.82                 | 0.10       | 18.92      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 18.91                 | 0.10       | 19.01      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.2 B25\_3MHz\_EIRP

| Band: 25 / Bandwidth: 3MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1851.5          | 1             | 0      | 23.84                 | 0.10       | 23.94      | <=33.01 | Pass    |
|                                   |                 |               | 14     | 23.86                 | 0.10       | 23.96      | <=33.01 | Pass    |
|                                   |                 | 15            | 0      | 22.80                 | 0.10       | 22.90      | <=33.01 | Pass    |
|                                   | 1882.5          | 1             | 0      | 23.82                 | 0.10       | 23.92      | <=33.01 | Pass    |

|                                          |        |    |       |       |       |         |         |      |
|------------------------------------------|--------|----|-------|-------|-------|---------|---------|------|
|                                          |        |    | 14    | 23.87 | 0.10  | 23.97   | <=33.01 | Pass |
|                                          |        | 15 | 0     | 22.81 | 0.10  | 22.91   | <=33.01 | Pass |
|                                          | 1913.5 | 1  | 0     | 23.76 | 0.10  | 23.86   | <=33.01 | Pass |
|                                          |        |    | 14    | 23.84 | 0.10  | 23.94   | <=33.01 | Pass |
|                                          |        | 15 | 0     | 22.85 | 0.10  | 22.95   | <=33.01 | Pass |
| 16QAM                                    | 1851.5 | 1  | 0     | 22.97 | 0.10  | 23.07   | <=33.01 | Pass |
|                                          |        |    | 14    | 22.76 | 0.10  | 22.86   | <=33.01 | Pass |
|                                          |        | 15 | 0     | 21.88 | 0.10  | 21.98   | <=33.01 | Pass |
|                                          | 1882.5 | 1  | 0     | 23.01 | 0.10  | 23.11   | <=33.01 | Pass |
|                                          |        |    | 14    | 23.06 | 0.10  | 23.16   | <=33.01 | Pass |
|                                          |        | 15 | 0     | 21.87 | 0.10  | 21.97   | <=33.01 | Pass |
|                                          | 1913.5 | 1  | 0     | 23.11 | 0.10  | 23.21   | <=33.01 | Pass |
|                                          |        |    | 14    | 22.97 | 0.10  | 23.07   | <=33.01 | Pass |
|                                          |        | 15 | 0     | 21.81 | 0.10  | 21.91   | <=33.01 | Pass |
| 64QAM                                    | 1851.5 | 1  | 0     | 21.97 | 0.10  | 22.07   | <=33.01 | Pass |
|                                          |        |    | 14    | 22.03 | 0.10  | 22.13   | <=33.01 | Pass |
|                                          |        | 15 | 0     | 20.83 | 0.10  | 20.93   | <=33.01 | Pass |
|                                          | 1882.5 | 1  | 0     | 21.87 | 0.10  | 21.97   | <=33.01 | Pass |
|                                          |        |    | 14    | 22.07 | 0.10  | 22.17   | <=33.01 | Pass |
|                                          |        | 15 | 0     | 20.80 | 0.10  | 20.90   | <=33.01 | Pass |
|                                          | 1913.5 | 1  | 0     | 22.03 | 0.10  | 22.13   | <=33.01 | Pass |
|                                          |        |    | 14    | 22.03 | 0.10  | 22.13   | <=33.01 | Pass |
|                                          |        | 15 | 0     | 20.69 | 0.10  | 20.79   | <=33.01 | Pass |
| 256QAM                                   | 1851.5 | 1  | 0     | 18.96 | 0.10  | 19.06   | <=33.01 | Pass |
|                                          |        |    | 14    | 18.97 | 0.10  | 19.07   | <=33.01 | Pass |
|                                          |        | 15 | 0     | 18.83 | 0.10  | 18.93   | <=33.01 | Pass |
|                                          | 1882.5 | 1  | 0     | 19.00 | 0.10  | 19.10   | <=33.01 | Pass |
|                                          |        |    | 14    | 18.91 | 0.10  | 19.01   | <=33.01 | Pass |
|                                          |        | 15 | 0     | 18.91 | 0.10  | 19.01   | <=33.01 | Pass |
|                                          | 1913.5 | 1  | 0     | 19.06 | 0.10  | 19.16   | <=33.01 | Pass |
|                                          |        |    | 14    | 18.72 | 0.10  | 18.82   | <=33.01 | Pass |
| 15                                       |        | 0  | 18.91 | 0.10  | 19.01 | <=33.01 | Pass    |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |    |       |       |       |         |         |      |

### 1.1.3 B25\_5MHz\_EIRP

| Band: 25 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1852.5          | 1             | 0      | 23.97                 | 0.10       | 24.07      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.92                 | 0.10       | 24.02      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.94                 | 0.10       | 23.04      | <=33.01 | Pass    |
|                                   | 1882.5          | 1             | 0      | 23.94                 | 0.10       | 24.04      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.89                 | 0.10       | 23.99      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.92                 | 0.10       | 23.02      | <=33.01 | Pass    |
|                                   | 1912.5          | 1             | 0      | 23.94                 | 0.10       | 24.04      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.91                 | 0.10       | 24.01      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.94                 | 0.10       | 23.04      | <=33.01 | Pass    |
| 16QAM                             | 1852.5          | 1             | 0      | 22.99                 | 0.10       | 23.09      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.03                 | 0.10       | 23.13      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.92                 | 0.10       | 22.02      | <=33.01 | Pass    |
|                                   | 1882.5          | 1             | 0      | 23.10                 | 0.10       | 23.20      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.90                 | 0.10       | 23.00      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.98                 | 0.10       | 22.08      | <=33.01 | Pass    |
|                                   | 1912.5          | 1             | 0      | 23.03                 | 0.10       | 23.13      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.92                 | 0.10       | 23.02      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.94                 | 0.10       | 22.04      | <=33.01 | Pass    |

|        |        |    |    |       |      |       |         |      |
|--------|--------|----|----|-------|------|-------|---------|------|
| 64QAM  | 1852.5 | 1  | 0  | 22.10 | 0.10 | 22.20 | <=33.01 | Pass |
|        |        |    | 24 | 21.94 | 0.10 | 22.04 | <=33.01 | Pass |
|        |        | 25 | 0  | 20.90 | 0.10 | 21.00 | <=33.01 | Pass |
|        | 1882.5 | 1  | 0  | 22.06 | 0.10 | 22.16 | <=33.01 | Pass |
|        |        |    | 24 | 22.09 | 0.10 | 22.19 | <=33.01 | Pass |
|        |        | 25 | 0  | 20.87 | 0.10 | 20.97 | <=33.01 | Pass |
|        | 1912.5 | 1  | 0  | 21.59 | 0.10 | 21.69 | <=33.01 | Pass |
|        |        |    | 24 | 21.98 | 0.10 | 22.08 | <=33.01 | Pass |
|        |        | 25 | 0  | 20.92 | 0.10 | 21.02 | <=33.01 | Pass |
| 256QAM | 1852.5 | 1  | 0  | 18.66 | 0.10 | 18.76 | <=33.01 | Pass |
|        |        |    | 24 | 19.02 | 0.10 | 19.12 | <=33.01 | Pass |
|        |        | 25 | 0  | 18.95 | 0.10 | 19.05 | <=33.01 | Pass |
|        | 1882.5 | 1  | 0  | 18.87 | 0.10 | 18.97 | <=33.01 | Pass |
|        |        |    | 24 | 19.04 | 0.10 | 19.14 | <=33.01 | Pass |
|        |        | 25 | 0  | 18.92 | 0.10 | 19.02 | <=33.01 | Pass |
|        | 1912.5 | 1  | 0  | 19.05 | 0.10 | 19.15 | <=33.01 | Pass |
|        |        |    | 24 | 19.13 | 0.10 | 19.23 | <=33.01 | Pass |
|        |        | 25 | 0  | 19.02 | 0.10 | 19.12 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.4 B25\_10MHz\_EIRP

| Band: 25 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 1855            | 1             | 0      | 23.96                 | 0.10       | 24.06      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.88                 | 0.10       | 23.98      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.91                 | 0.10       | 23.01      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 23.98                 | 0.10       | 24.08      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.95                 | 0.10       | 24.05      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.97                 | 0.10       | 23.07      | <=33.01 | Pass    |
|                                    | 1910            | 1             | 0      | 23.99                 | 0.10       | 24.09      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.96                 | 0.10       | 24.06      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.94                 | 0.10       | 23.04      | <=33.01 | Pass    |
| 16QAM                              | 1855            | 1             | 0      | 23.19                 | 0.10       | 23.29      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 22.79                 | 0.10       | 22.89      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.82                 | 0.10       | 21.92      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 22.96                 | 0.10       | 23.06      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.07                 | 0.10       | 23.17      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.91                 | 0.10       | 22.01      | <=33.01 | Pass    |
|                                    | 1910            | 1             | 0      | 23.07                 | 0.10       | 23.17      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 23.21                 | 0.10       | 23.31      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.90                 | 0.10       | 22.00      | <=33.01 | Pass    |
| 64QAM                              | 1855            | 1             | 0      | 22.02                 | 0.10       | 22.12      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 21.73                 | 0.10       | 21.83      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 20.87                 | 0.10       | 20.97      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 22.07                 | 0.10       | 22.17      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 21.67                 | 0.10       | 21.77      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 20.92                 | 0.10       | 21.02      | <=33.01 | Pass    |
|                                    | 1910            | 1             | 0      | 21.93                 | 0.10       | 22.03      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 22.02                 | 0.10       | 22.12      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 20.93                 | 0.10       | 21.03      | <=33.01 | Pass    |
| 256QAM                             | 1855            | 1             | 0      | 19.06                 | 0.10       | 19.16      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 19.00                 | 0.10       | 19.10      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 18.92                 | 0.10       | 19.02      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 19.11                 | 0.10       | 19.21      | <=33.01 | Pass    |

|  |      |    |    |       |      |       |         |      |
|--|------|----|----|-------|------|-------|---------|------|
|  | 1910 | 50 | 0  | 18.97 | 0.10 | 19.07 | <=33.01 | Pass |
|  |      | 1  | 0  | 19.02 | 0.10 | 19.12 | <=33.01 | Pass |
|  |      |    | 49 | 19.15 | 0.10 | 19.25 | <=33.01 | Pass |
|  |      | 50 | 0  | 18.94 | 0.10 | 19.04 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.5 B25\_15MHz\_EIRP

| Band: 25 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 1857.5          | 1             | 0      | 23.94                 | 0.10       | 24.04      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 24.04                 | 0.10       | 24.14      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 22.89                 | 0.10       | 22.99      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 24.00                 | 0.10       | 24.10      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 23.84                 | 0.10       | 23.94      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 22.97                 | 0.10       | 23.07      | <=33.01 | Pass    |
|                                    | 1907.5          | 1             | 0      | 24.03                 | 0.10       | 24.13      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 23.85                 | 0.10       | 23.95      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 22.95                 | 0.10       | 23.05      | <=33.01 | Pass    |
| 16QAM                              | 1857.5          | 1             | 0      | 23.08                 | 0.10       | 23.18      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 23.03                 | 0.10       | 23.13      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 21.93                 | 0.10       | 22.03      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 22.85                 | 0.10       | 22.95      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 22.84                 | 0.10       | 22.94      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 21.94                 | 0.10       | 22.04      | <=33.01 | Pass    |
|                                    | 1907.5          | 1             | 0      | 23.24                 | 0.10       | 23.34      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 23.10                 | 0.10       | 23.20      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 21.93                 | 0.10       | 22.03      | <=33.01 | Pass    |
| 64QAM                              | 1857.5          | 1             | 0      | 21.96                 | 0.10       | 22.06      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 21.99                 | 0.10       | 22.09      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 20.90                 | 0.10       | 21.00      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 22.04                 | 0.10       | 22.14      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 22.11                 | 0.10       | 22.21      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 20.96                 | 0.10       | 21.06      | <=33.01 | Pass    |
|                                    | 1907.5          | 1             | 0      | 22.13                 | 0.10       | 22.23      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 22.10                 | 0.10       | 22.20      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 20.98                 | 0.10       | 21.08      | <=33.01 | Pass    |
| 256QAM                             | 1857.5          | 1             | 0      | 18.99                 | 0.10       | 19.09      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 19.12                 | 0.10       | 19.22      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 18.98                 | 0.10       | 19.08      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 18.92                 | 0.10       | 19.02      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 19.10                 | 0.10       | 19.20      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 18.93                 | 0.10       | 19.03      | <=33.01 | Pass    |
|                                    | 1907.5          | 1             | 0      | 19.21                 | 0.10       | 19.31      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 19.17                 | 0.10       | 19.27      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 19.06                 | 0.10       | 19.16      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.6 B25\_20MHz\_EIRP

| Band: 25 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |         |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                               | 1860            | 1             | 0      | 23.99                 | 0.10       | 24.09      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 24.09                 | 0.10       | 24.19      | <=33.01 | Pass    |

|        |        |     |    |       |      |       |         |      |
|--------|--------|-----|----|-------|------|-------|---------|------|
|        | 1882.5 | 100 | 0  | 22.95 | 0.10 | 23.05 | <=33.01 | Pass |
|        |        | 1   | 0  | 23.99 | 0.10 | 24.09 | <=33.01 | Pass |
|        |        |     | 99 | 23.96 | 0.10 | 24.06 | <=33.01 | Pass |
|        | 1905   | 100 | 0  | 22.98 | 0.10 | 23.08 | <=33.01 | Pass |
|        |        | 1   | 0  | 23.93 | 0.10 | 24.03 | <=33.01 | Pass |
|        |        |     | 99 | 24.01 | 0.10 | 24.11 | <=33.01 | Pass |
| 16QAM  | 1860   | 1   | 0  | 22.94 | 0.10 | 23.04 | <=33.01 | Pass |
|        |        |     | 99 | 22.97 | 0.10 | 23.07 | <=33.01 | Pass |
|        |        | 100 | 0  | 21.93 | 0.10 | 22.03 | <=33.01 | Pass |
|        | 1882.5 | 1   | 0  | 23.02 | 0.10 | 23.12 | <=33.01 | Pass |
|        |        |     | 99 | 23.08 | 0.10 | 23.18 | <=33.01 | Pass |
|        |        | 100 | 0  | 21.94 | 0.10 | 22.04 | <=33.01 | Pass |
|        | 1905   | 1   | 0  | 22.95 | 0.10 | 23.05 | <=33.01 | Pass |
|        |        |     | 99 | 23.07 | 0.10 | 23.17 | <=33.01 | Pass |
|        |        | 100 | 0  | 21.94 | 0.10 | 22.04 | <=33.01 | Pass |
| 64QAM  | 1860   | 1   | 0  | 21.97 | 0.10 | 22.07 | <=33.01 | Pass |
|        |        |     | 99 | 21.93 | 0.10 | 22.03 | <=33.01 | Pass |
|        |        | 100 | 0  | 20.92 | 0.10 | 21.02 | <=33.01 | Pass |
|        | 1882.5 | 1   | 0  | 22.02 | 0.10 | 22.12 | <=33.01 | Pass |
|        |        |     | 99 | 22.20 | 0.10 | 22.30 | <=33.01 | Pass |
|        |        | 100 | 0  | 20.99 | 0.10 | 21.09 | <=33.01 | Pass |
|        | 1905   | 1   | 0  | 22.13 | 0.10 | 22.23 | <=33.01 | Pass |
|        |        |     | 99 | 21.96 | 0.10 | 22.06 | <=33.01 | Pass |
|        |        | 100 | 0  | 20.96 | 0.10 | 21.06 | <=33.01 | Pass |
| 256QAM | 1860   | 1   | 0  | 19.04 | 0.10 | 19.14 | <=33.01 | Pass |
|        |        |     | 99 | 18.90 | 0.10 | 19.00 | <=33.01 | Pass |
|        |        | 100 | 0  | 19.01 | 0.10 | 19.11 | <=33.01 | Pass |
|        | 1882.5 | 1   | 0  | 19.11 | 0.10 | 19.21 | <=33.01 | Pass |
|        |        |     | 99 | 19.12 | 0.10 | 19.22 | <=33.01 | Pass |
|        |        | 100 | 0  | 18.98 | 0.10 | 19.08 | <=33.01 | Pass |
|        | 1905   | 1   | 0  | 19.12 | 0.10 | 19.22 | <=33.01 | Pass |
|        |        |     | 99 | 19.18 | 0.10 | 19.28 | <=33.01 | Pass |
|        |        | 100 | 0  | 19.03 | 0.10 | 19.13 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B25\_10MHz

| Band: 25 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1882.5          | 50            | 0      | 20         | LV            | -4.600           | -0.0024               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | NV            | -3.100           | -0.0016               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | HV            | -1.200           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | NV            | 1.700            | 0.0009                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | NV            | -3.800           | -0.0020               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | NV            | 2.000            | 0.0011                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | NV            | 0.000            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | NV            | -5.200           | -0.0028               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | NV            | -0.800           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | NV            | 4.500            | 0.0024                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | NV            | -3.600           | -0.0019               | -2.5 to 2.5 | Pass    |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band25\_OBW

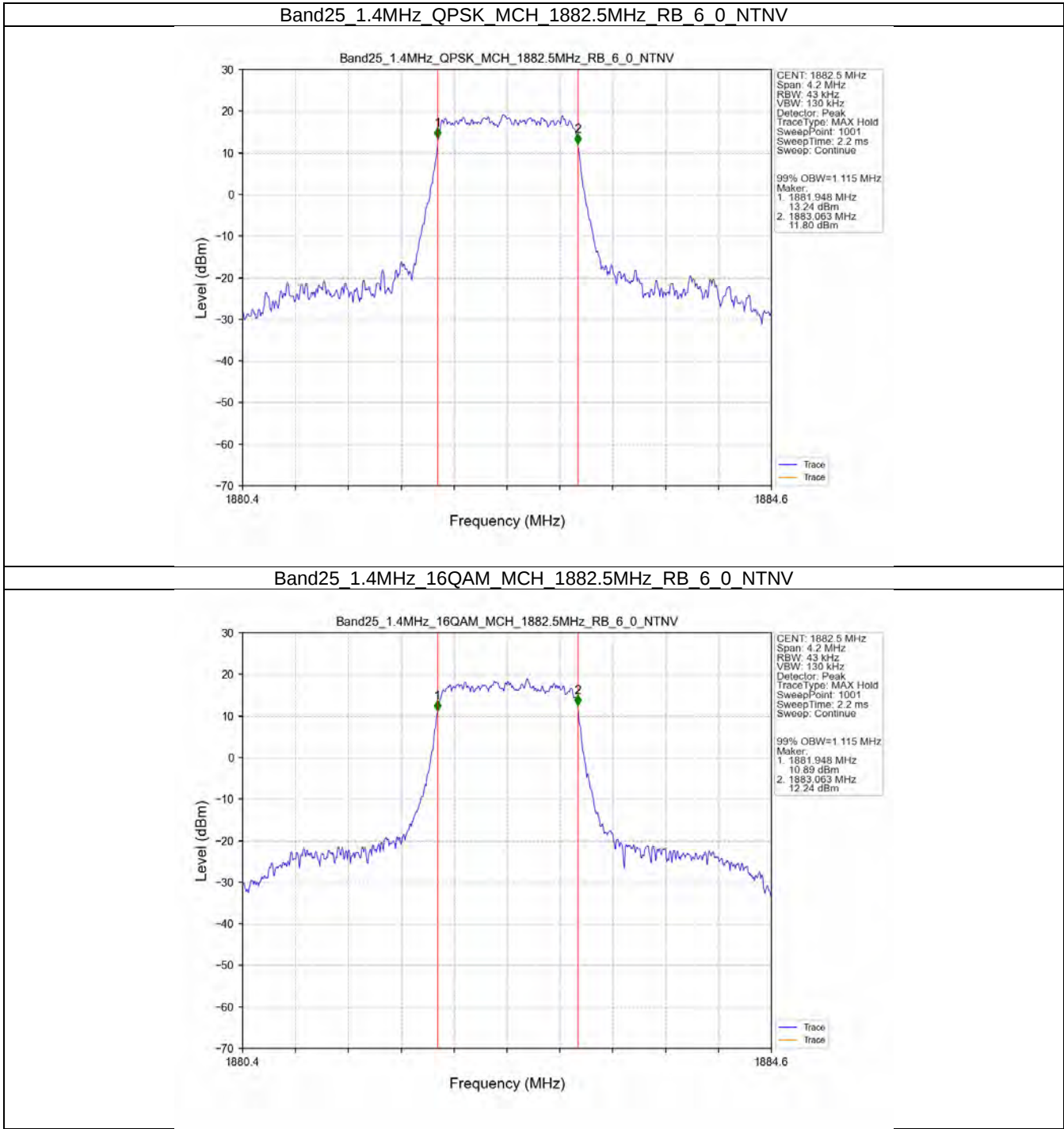
| Band: 25 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1882.5          | 6             | 0      | 1.115                        | /     | Pass    |
|                 | 16QAM      | 1882.5          | 6             | 0      | 1.115                        | /     | Pass    |
| 3               | QPSK       | 1882.5          | 15            | 0      | 2.731                        | /     | Pass    |
|                 | 16QAM      | 1882.5          | 15            | 0      | 2.725                        | /     | Pass    |
| 5               | QPSK       | 1882.5          | 25            | 0      | 4.550                        | /     | Pass    |
|                 | 16QAM      | 1882.5          | 25            | 0      | 4.538                        | /     | Pass    |
| 10              | QPSK       | 1882.5          | 50            | 0      | 9.043                        | /     | Pass    |
|                 | 16QAM      | 1882.5          | 50            | 0      | 9.038                        | /     | Pass    |
| 15              | QPSK       | 1882.5          | 75            | 0      | 13.575                       | /     | Pass    |
|                 | 16QAM      | 1882.5          | 75            | 0      | 13.583                       | /     | Pass    |
| 20              | QPSK       | 1882.5          | 100           | 0      | 18.123                       | /     | Pass    |
|                 | 16QAM      | 1882.5          | 100           | 0      | 18.082                       | /     | Pass    |

##### 3.1.2 Band25\_XDB

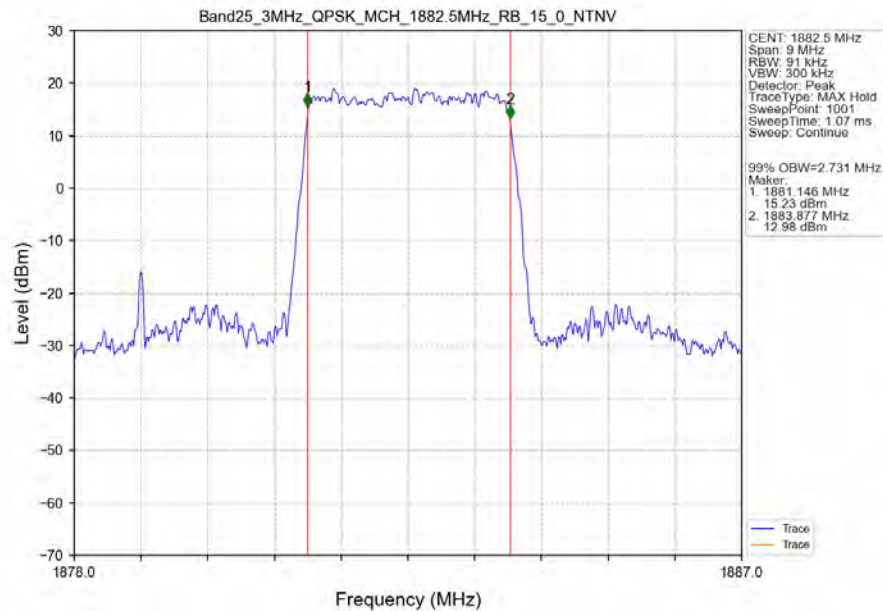
| Band: 25 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1882.5          | 6             | 0      | 1.322                | /     | Pass    |
|                 | 16QAM      | 1882.5          | 6             | 0      | 1.314                | /     | Pass    |
| 3               | QPSK       | 1882.5          | 15            | 0      | 3.031                | /     | Pass    |
|                 | 16QAM      | 1882.5          | 15            | 0      | 3.016                | /     | Pass    |
| 5               | QPSK       | 1882.5          | 25            | 0      | 5.015                | /     | Pass    |
|                 | 16QAM      | 1882.5          | 25            | 0      | 5.050                | /     | Pass    |
| 10              | QPSK       | 1882.5          | 50            | 0      | 9.894                | /     | Pass    |
|                 | 16QAM      | 1882.5          | 50            | 0      | 9.906                | /     | Pass    |
| 15              | QPSK       | 1882.5          | 75            | 0      | 14.986               | /     | Pass    |
|                 | 16QAM      | 1882.5          | 75            | 0      | 14.876               | /     | Pass    |
| 20              | QPSK       | 1882.5          | 100           | 0      | 19.816               | /     | Pass    |
|                 | 16QAM      | 1882.5          | 100           | 0      | 19.687               | /     | Pass    |

3.2 Test Graph

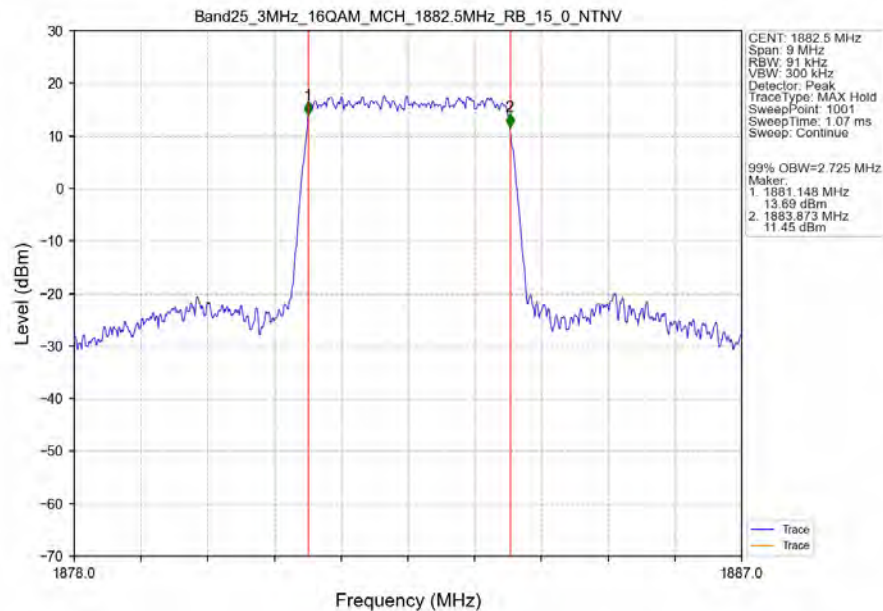
3.2.1 Band25\_OBW



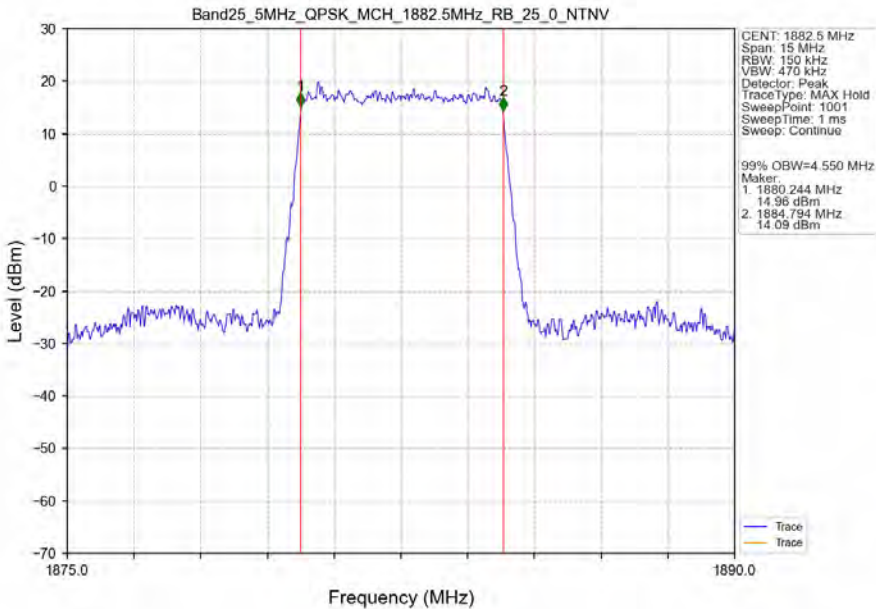
Band25 3MHz QPSK MCH 1882.5MHz RB 15 0 NTV



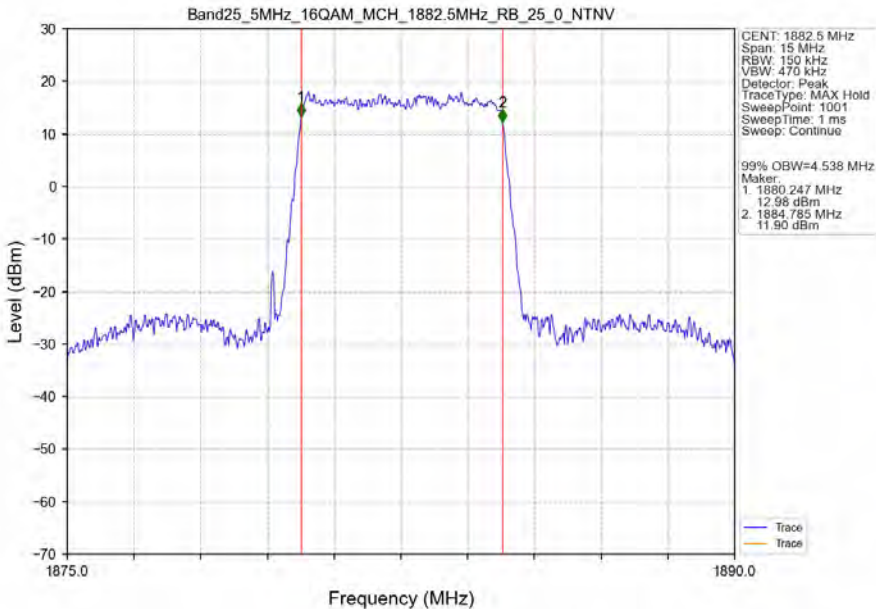
Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTV



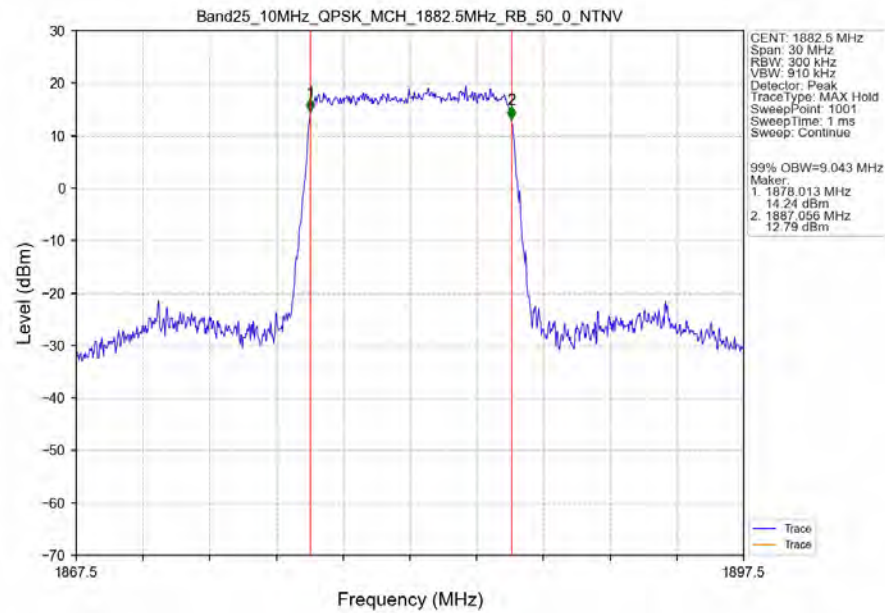
Band25 5MHz QPSK MCH 1882.5MHz RB 25 0 NTN



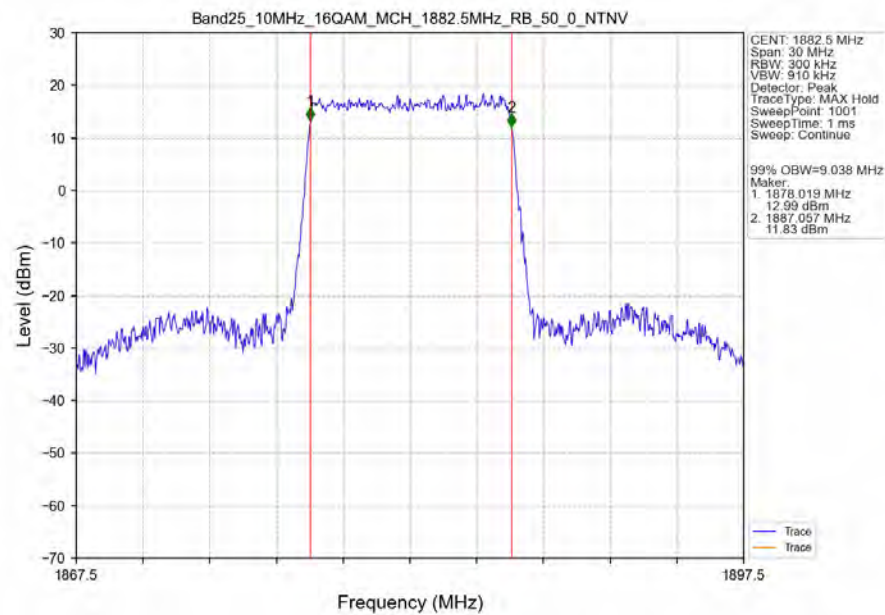
Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTN



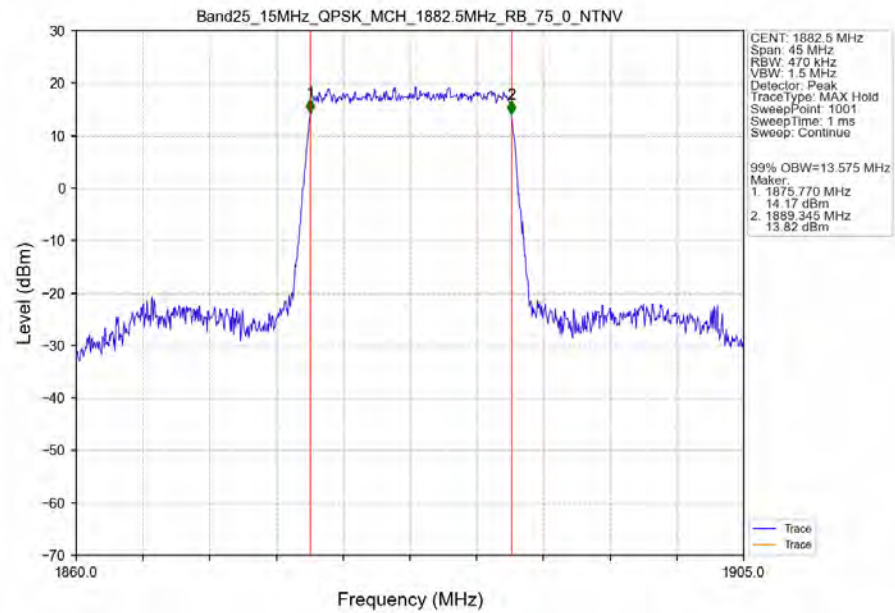
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



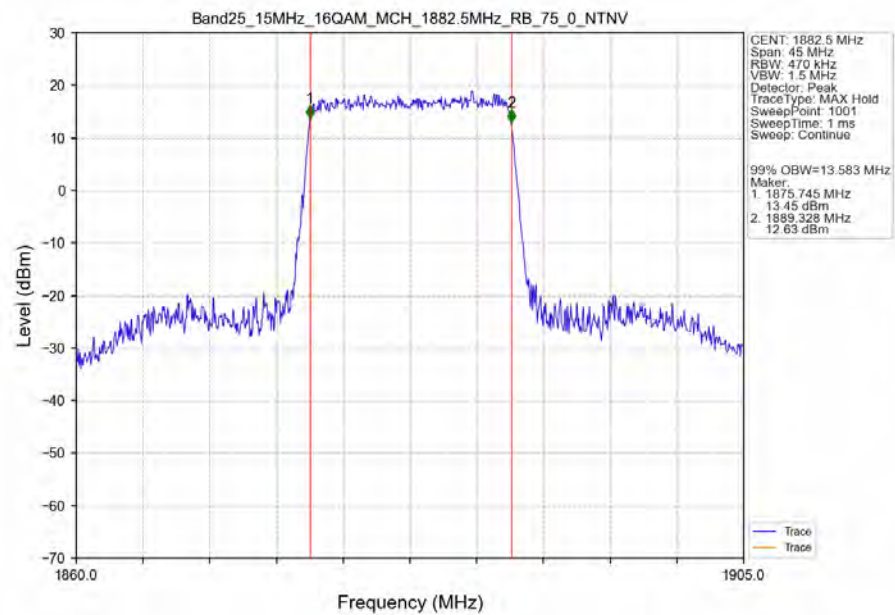
Band25\_10MHz\_16QAM\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



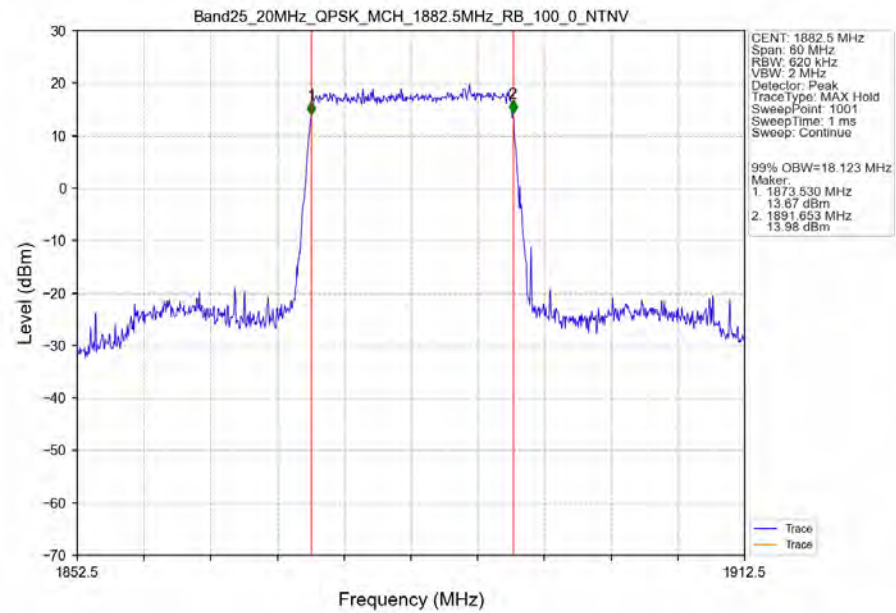
Band25 15MHz QPSK MCH 1882.5MHz RB 75 0 NTNV



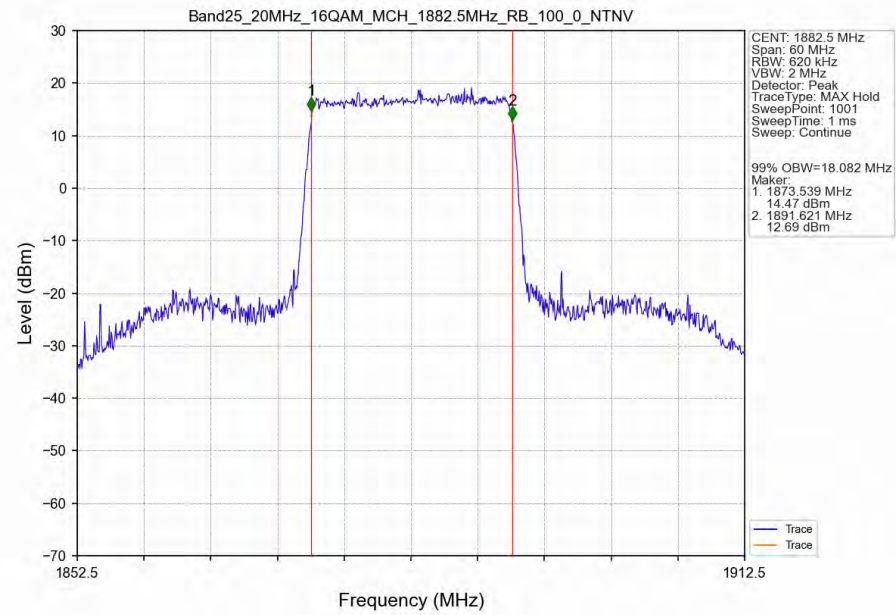
Band25 15MHz 16QAM MCH 1882.5MHz RB 75 0 NTNV



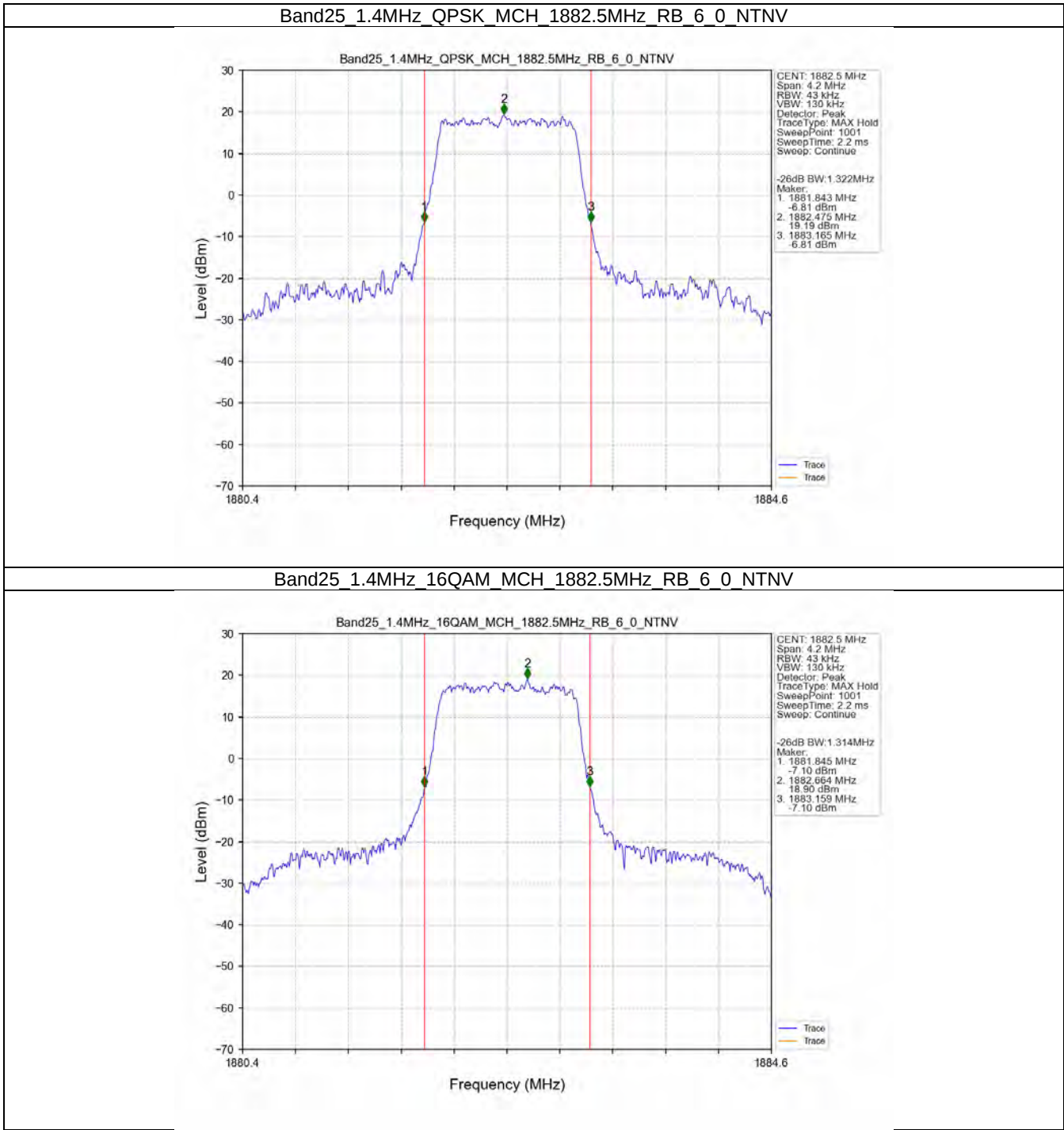
# Band25 20MHz QPSK MCH 1882.5MHz RB 100 0 NTN



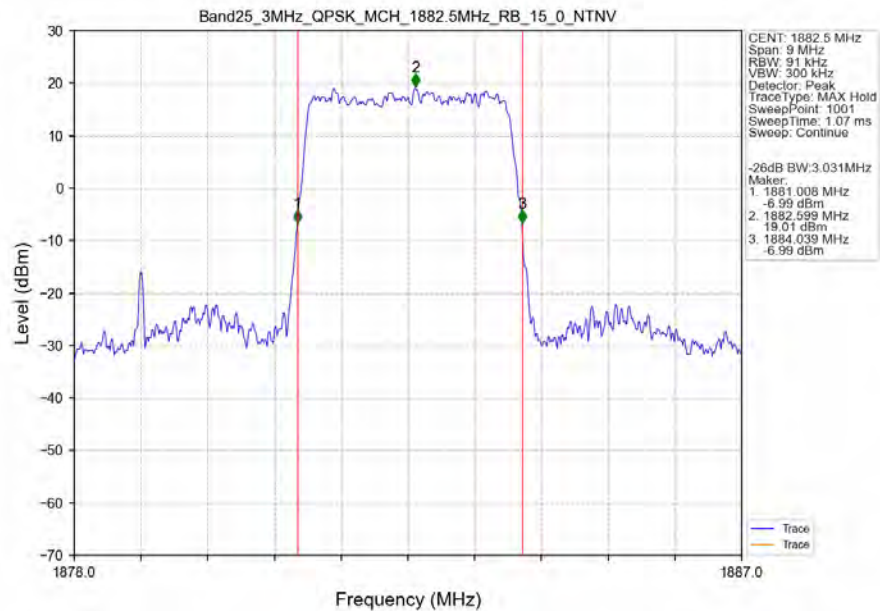
# Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTN



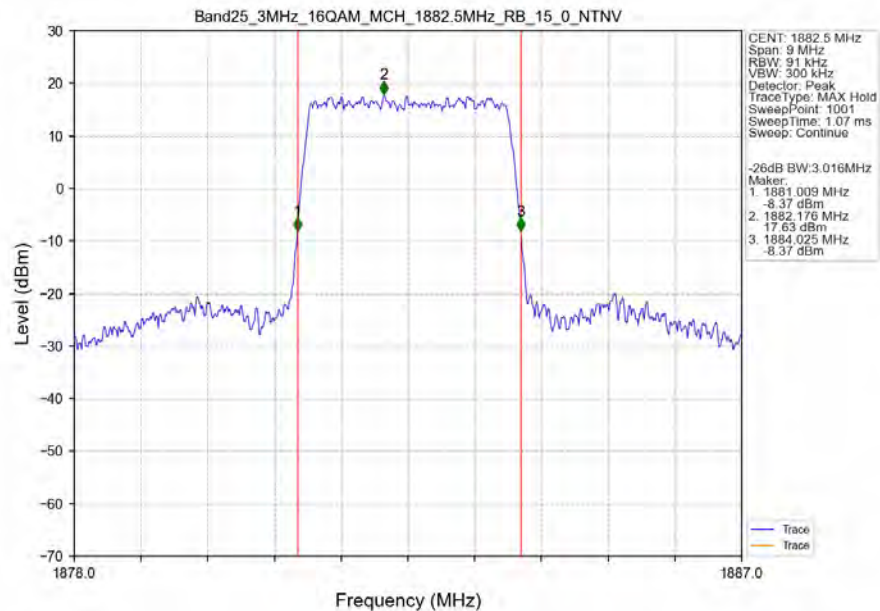
3.2.2 Band25\_XDB



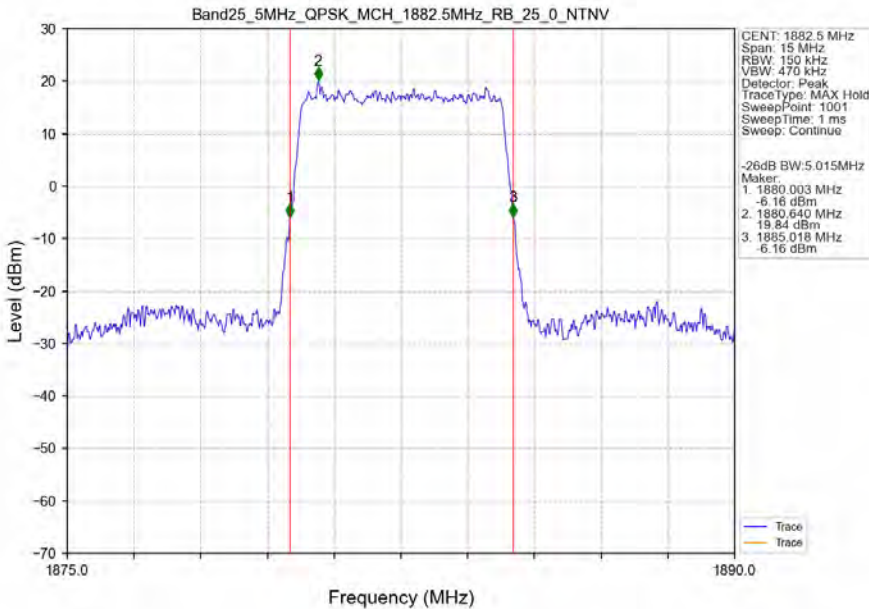
Band25 3MHz QPSK MCH 1882.5MHz RB 15 0 NTNV



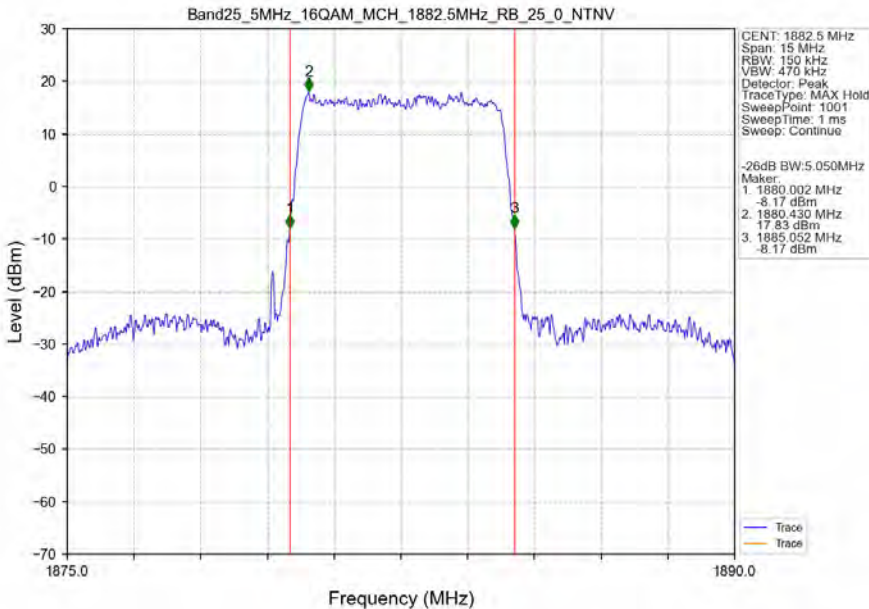
Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTNV



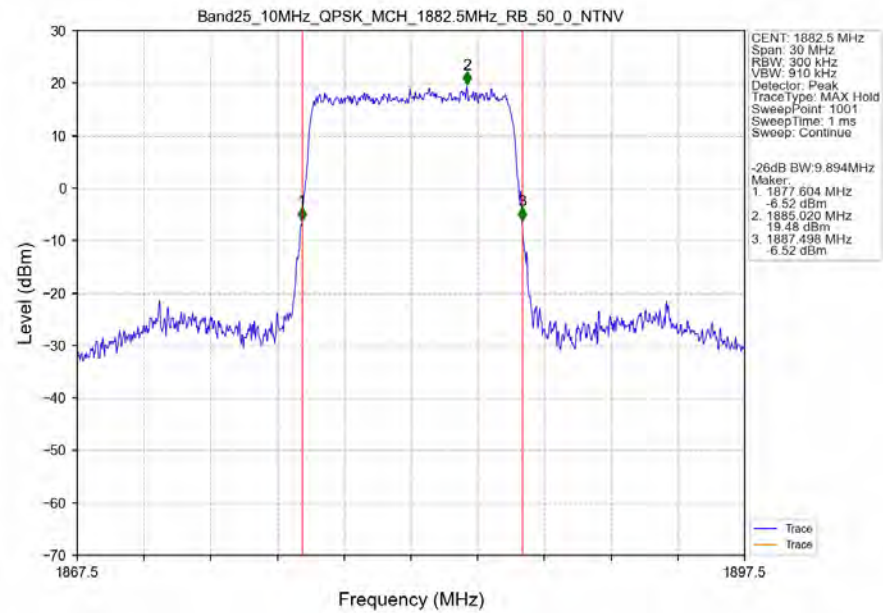
Band25 5MHz QPSK MCH 1882.5MHz RB 25 0 NTN



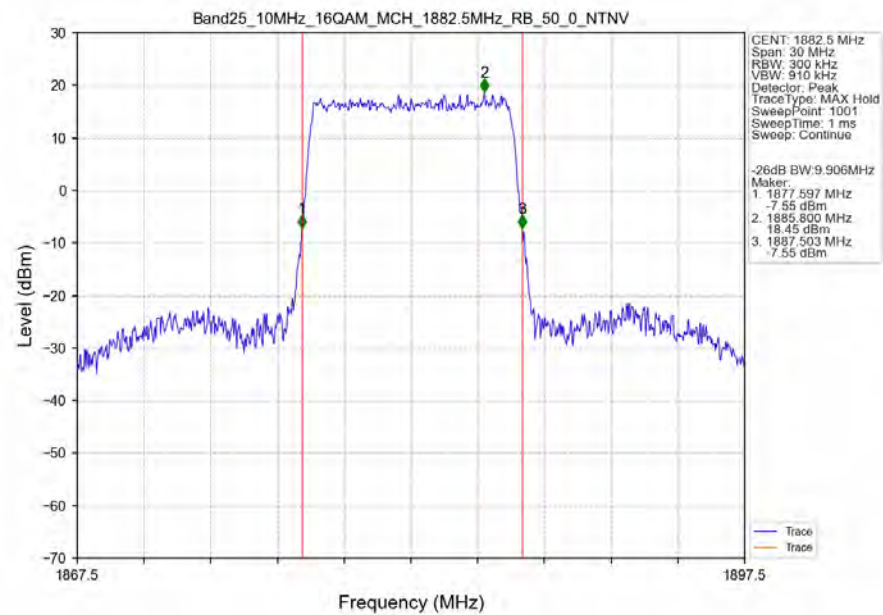
Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTN



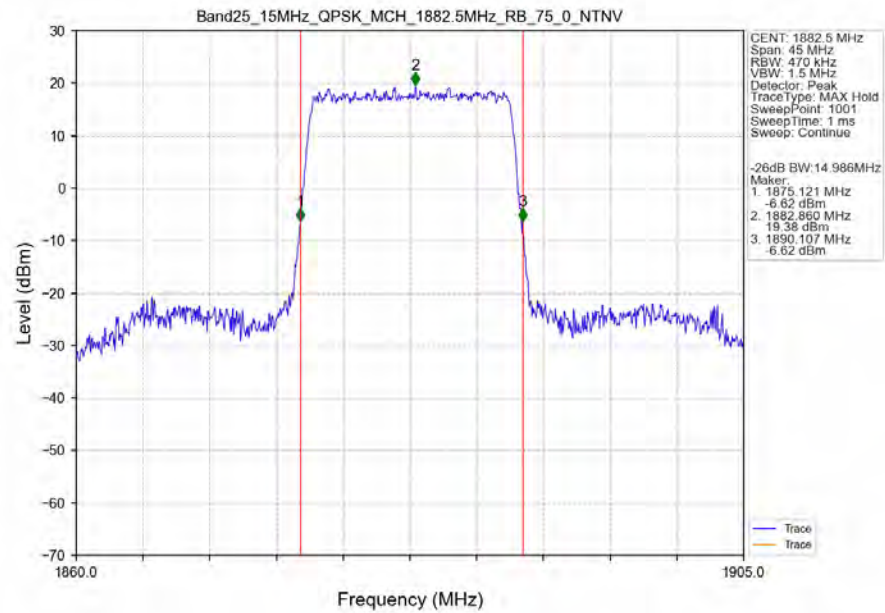
# Band25 10MHz QPSK MCH 1882.5MHz RB 50 0 NTNV



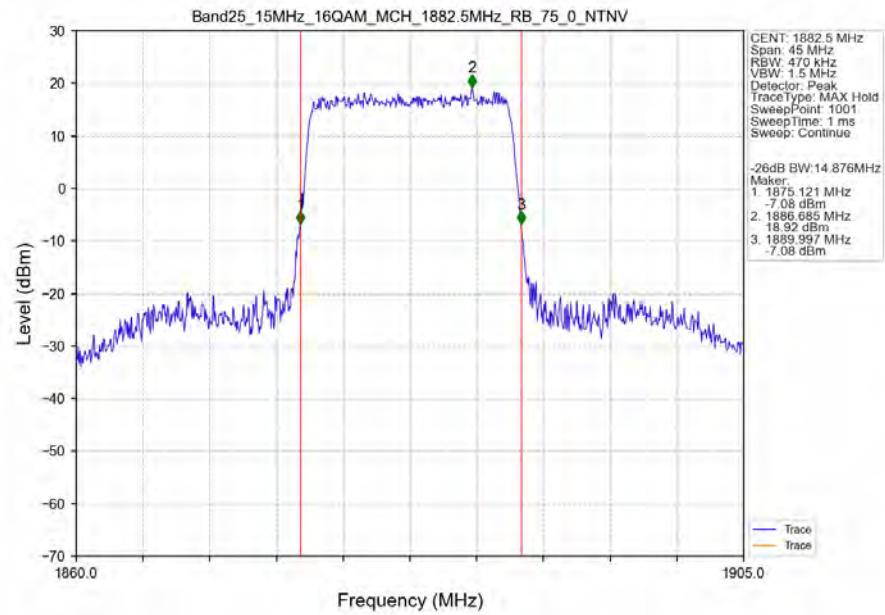
# Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTNV



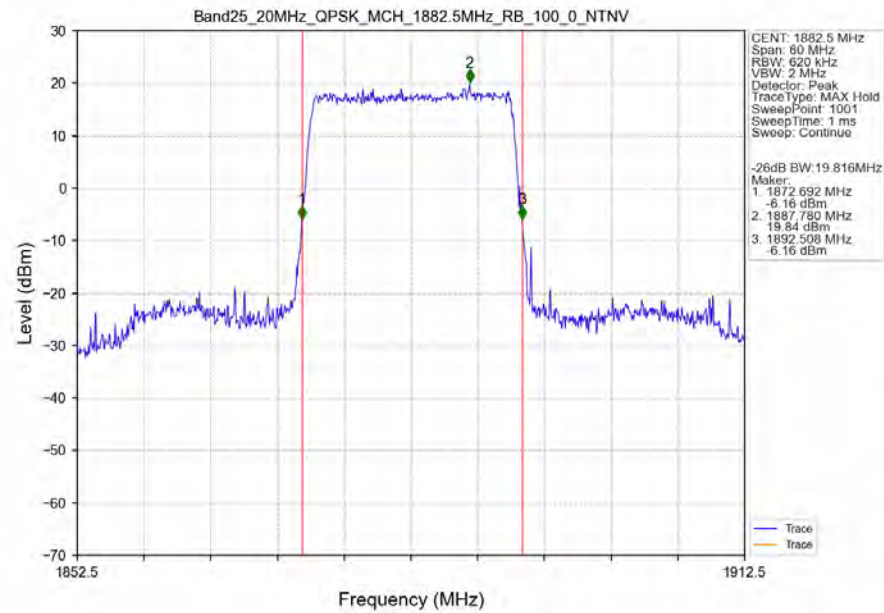
# Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



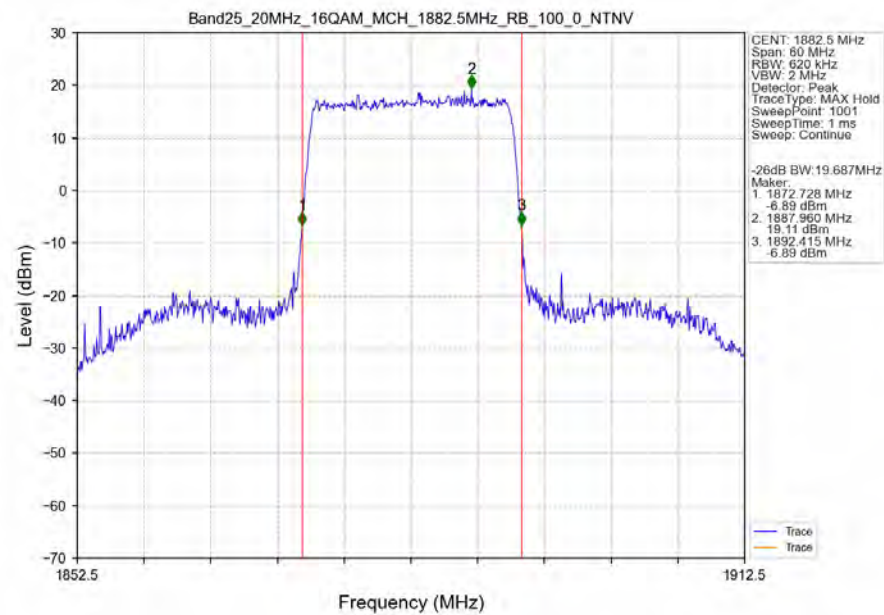
# Band25\_15MHz\_16QAM\_MCH\_1882.5MHz\_RB\_75\_0\_NTNV



# Band25 20MHz QPSK MCH 1882.5MHz RB 100 0 NTN



# Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTN



## 4. Peak-Average Ratio

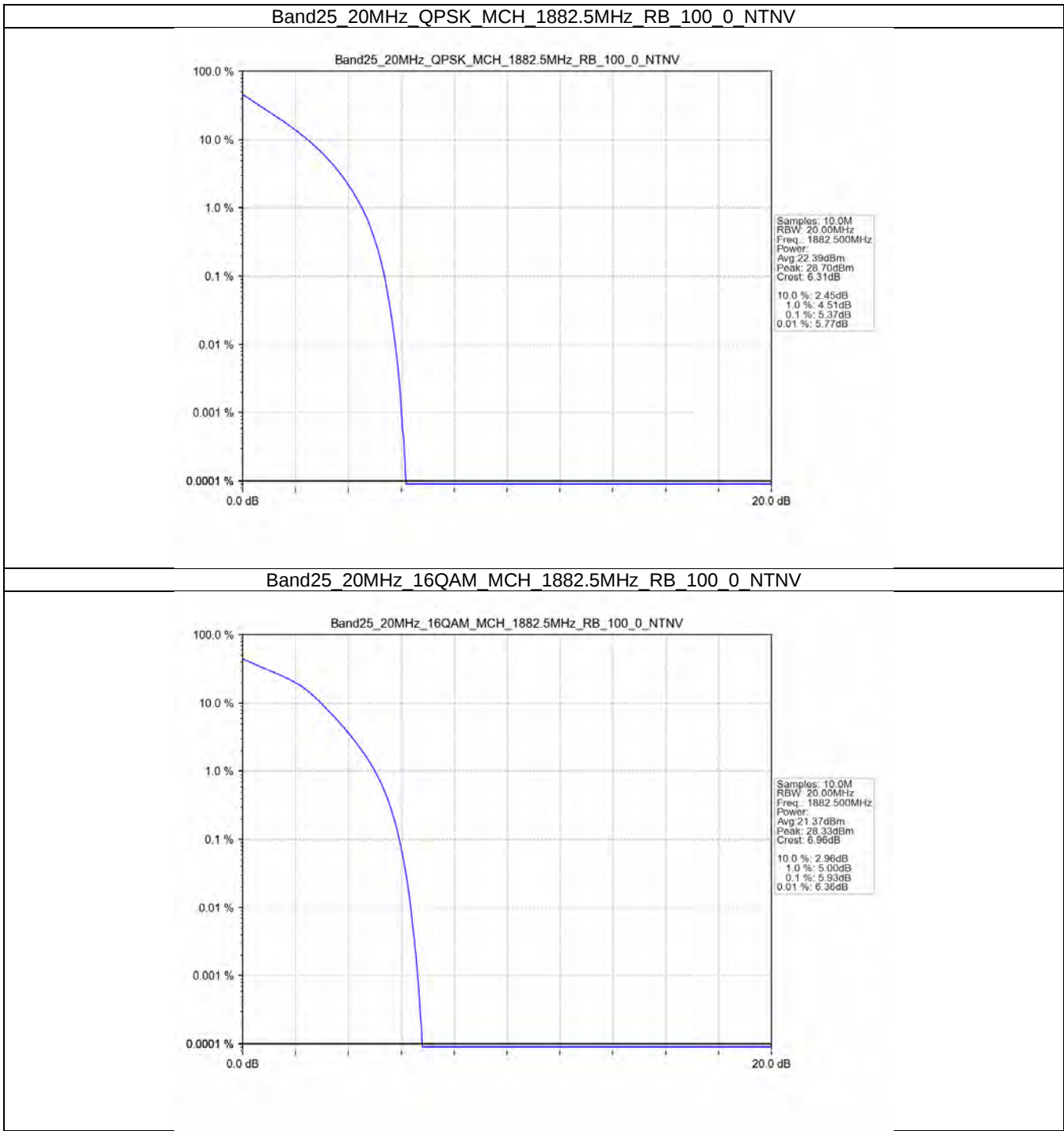
### 4.1 Test Result

#### 4.1.1 B25\_20MHz

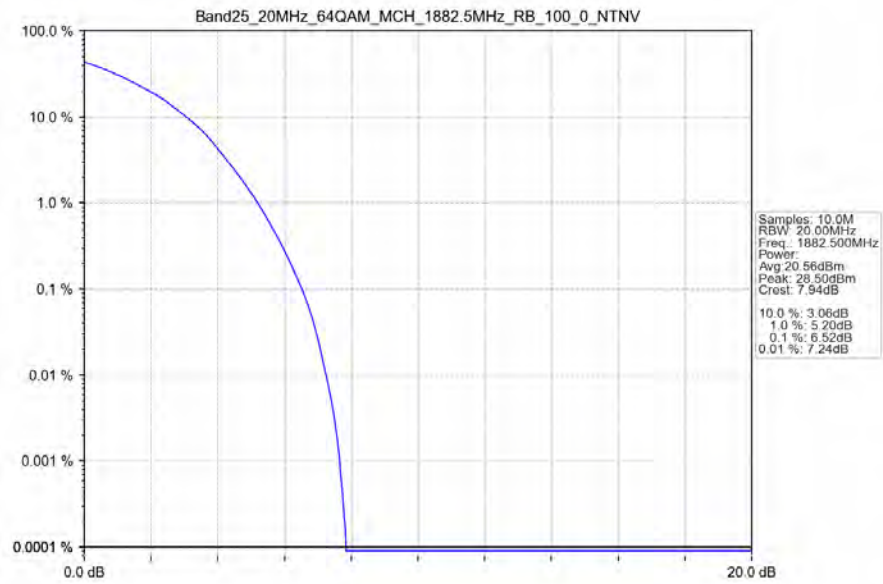
| Band: 25 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1882.5          | 100           | 0      | 5.37                    | <=13  | Pass    |
| 16QAM                              | 1882.5          | 100           | 0      | 5.93                    | <=13  | Pass    |
| 64QAM                              | 1882.5          | 100           | 0      | 6.52                    | <=13  | Pass    |
| 256QAM                             | 1882.5          | 100           | 0      | 6.48                    | <=13  | Pass    |

4.2 Test Graph

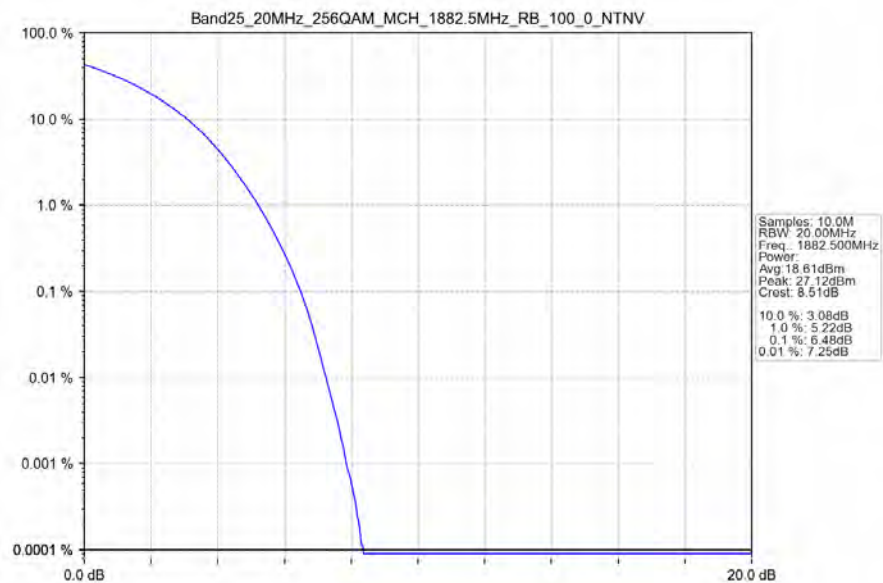
4.2.1 B25\_20MHz



# Band25 20MHz 64QAM MCH 1882.5MHz RB 100 0 NTV



# Band25 20MHz 256QAM MCH 1882.5MHz RB 100 0 NTV



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B25\_1.4MHz

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

#### 5.1.2 B25\_3MHz

| Band: 25 / Bandwidth: 3MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1851.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1913.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                  |                 | 15            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.3 B25\_5MHz

| Band: 25 / Bandwidth: 5MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1852.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1912.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.4 B25\_10MHz

| Band: 25 / Bandwidth: 10MHz / NTV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 1855            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1910            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

### 5.1.5 B25\_15MHz

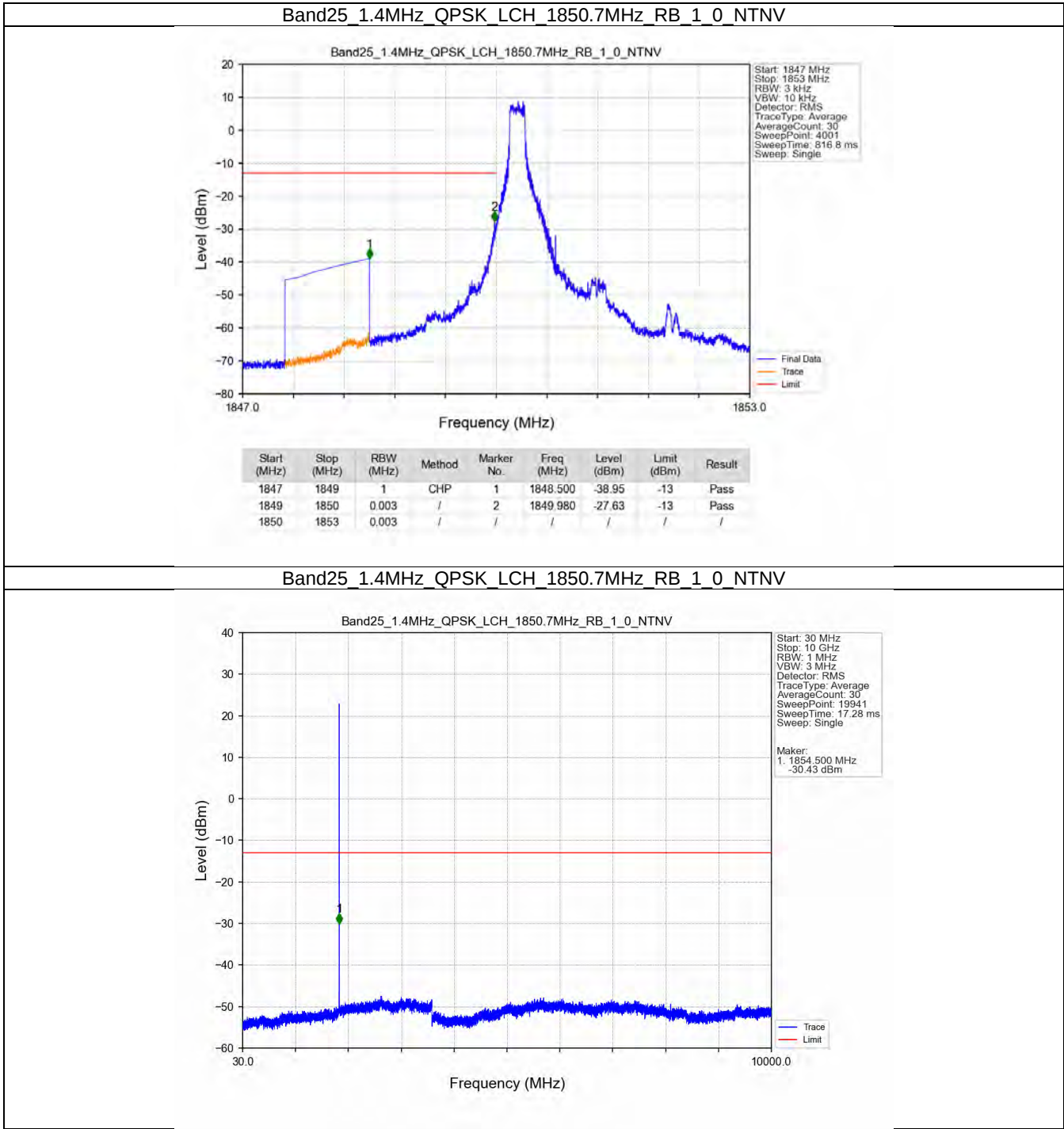
| Band: 25 / Bandwidth: 15MHz / NTVN |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1857.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1907.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

### 5.1.6 B25\_20MHz

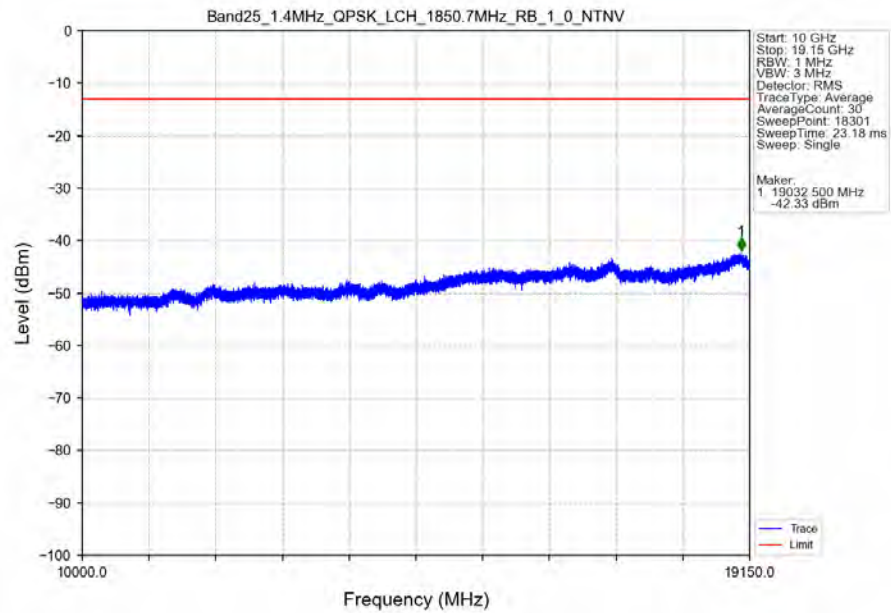
| Band: 25 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1860            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1905            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

5.2 Test Graph

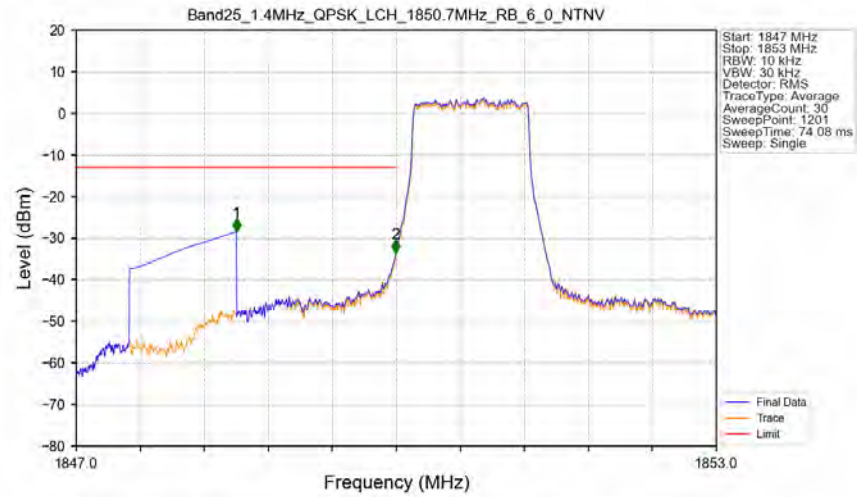
5.2.1 B25\_1.4MHz



Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV

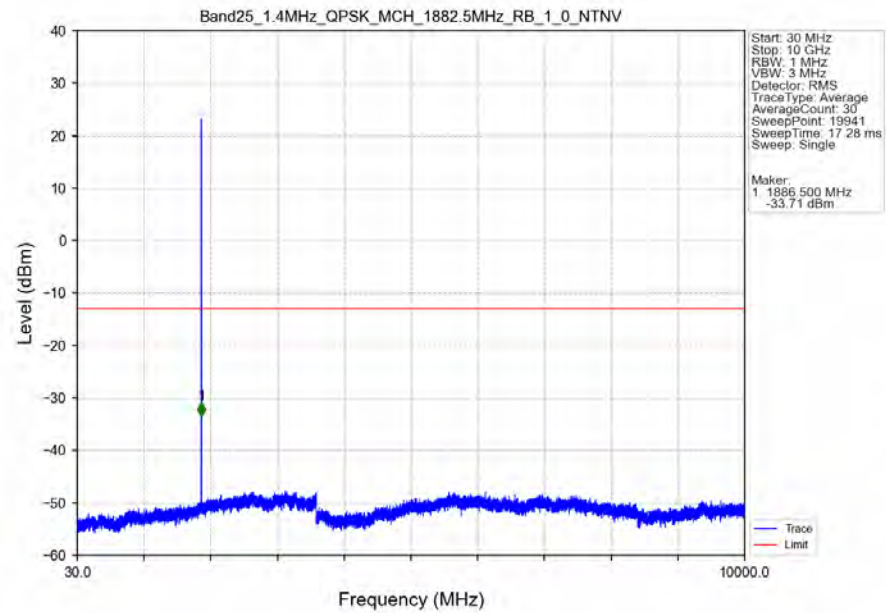


Band25 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV

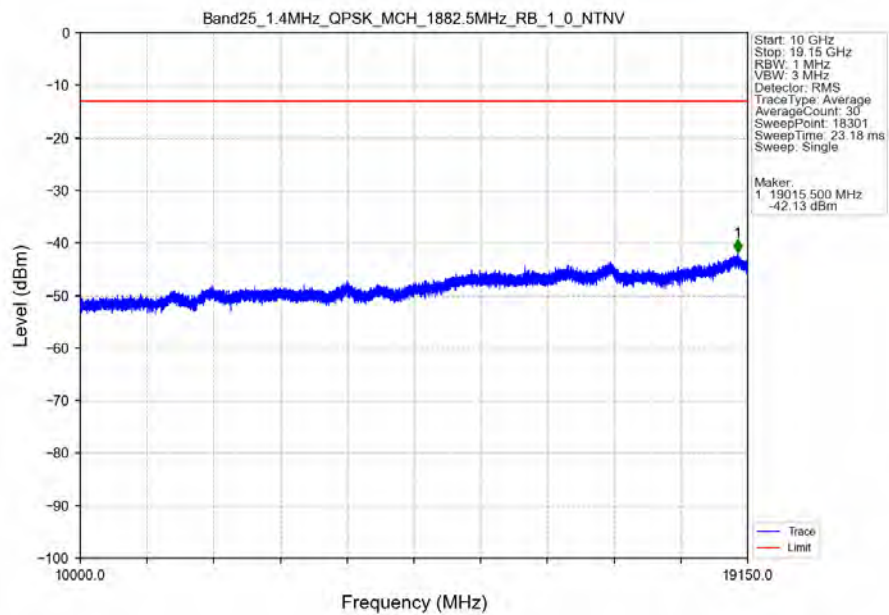


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -28.45      | -13         | Pass   |
| 1849        | 1850       | 0.013     | CHP    | 2          | 1849.995   | -33.51      | -13         | Pass   |
| 1850        | 1853       | 0.013     | CHP    | /          | /          | /           | /           | /      |

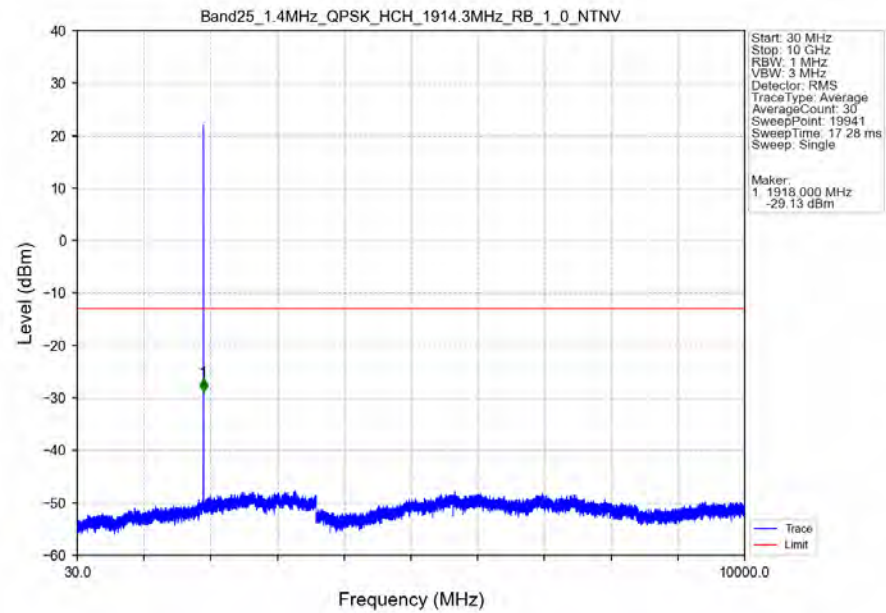
Band25 1.4MHz QPSK MCH\_1882.5MHz RB\_1\_0\_NTNV



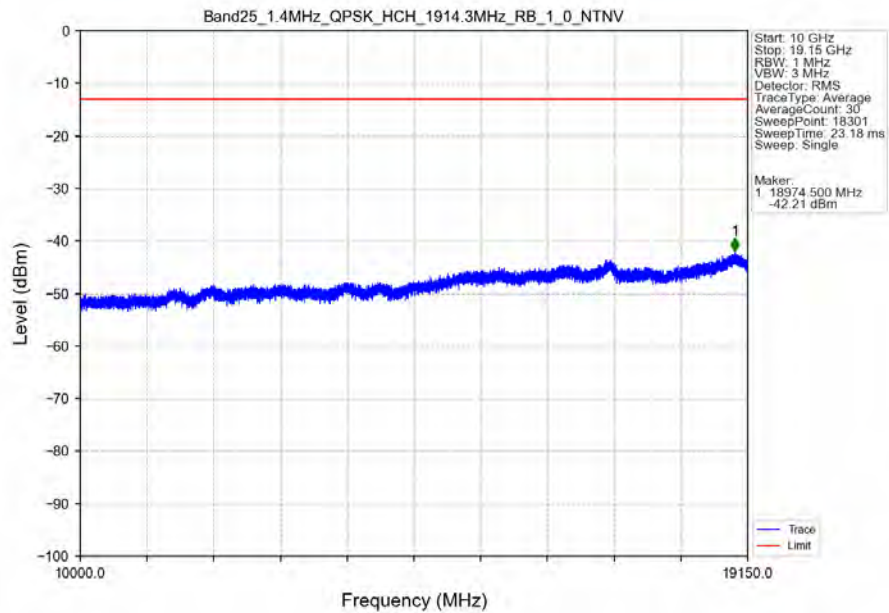
Band25 1.4MHz QPSK MCH\_1882.5MHz RB\_1\_0\_NTNV



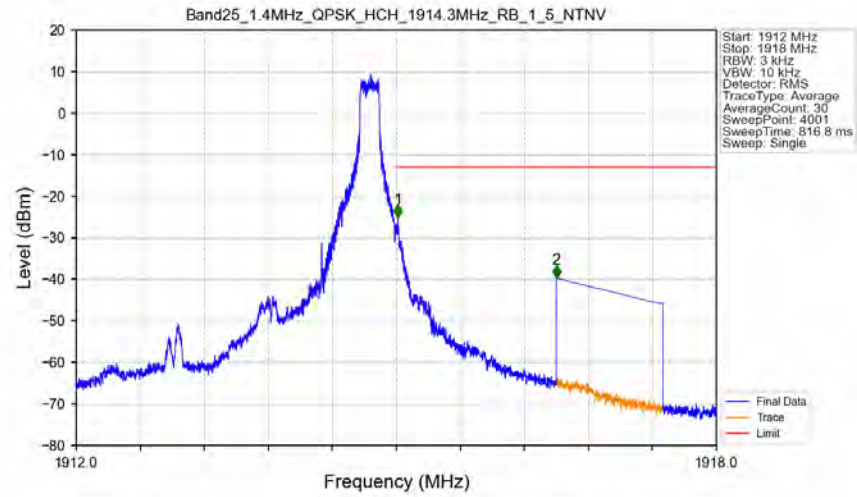
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTV



Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTV

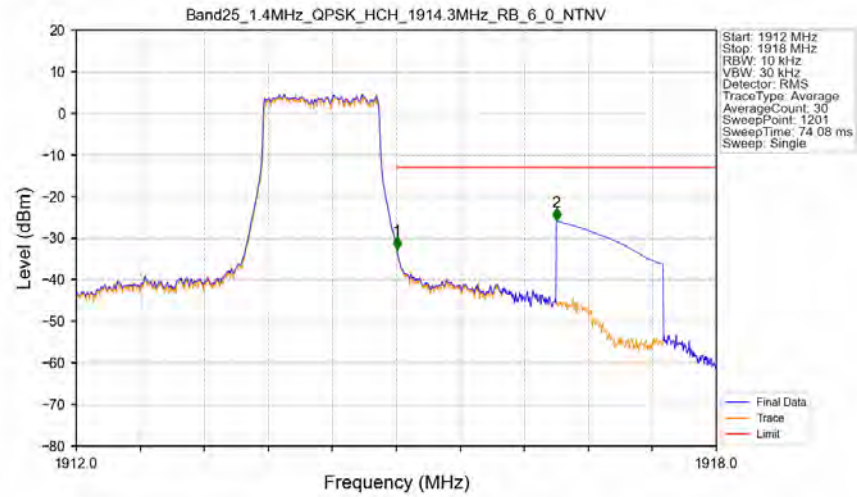


# Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 5 NTNV



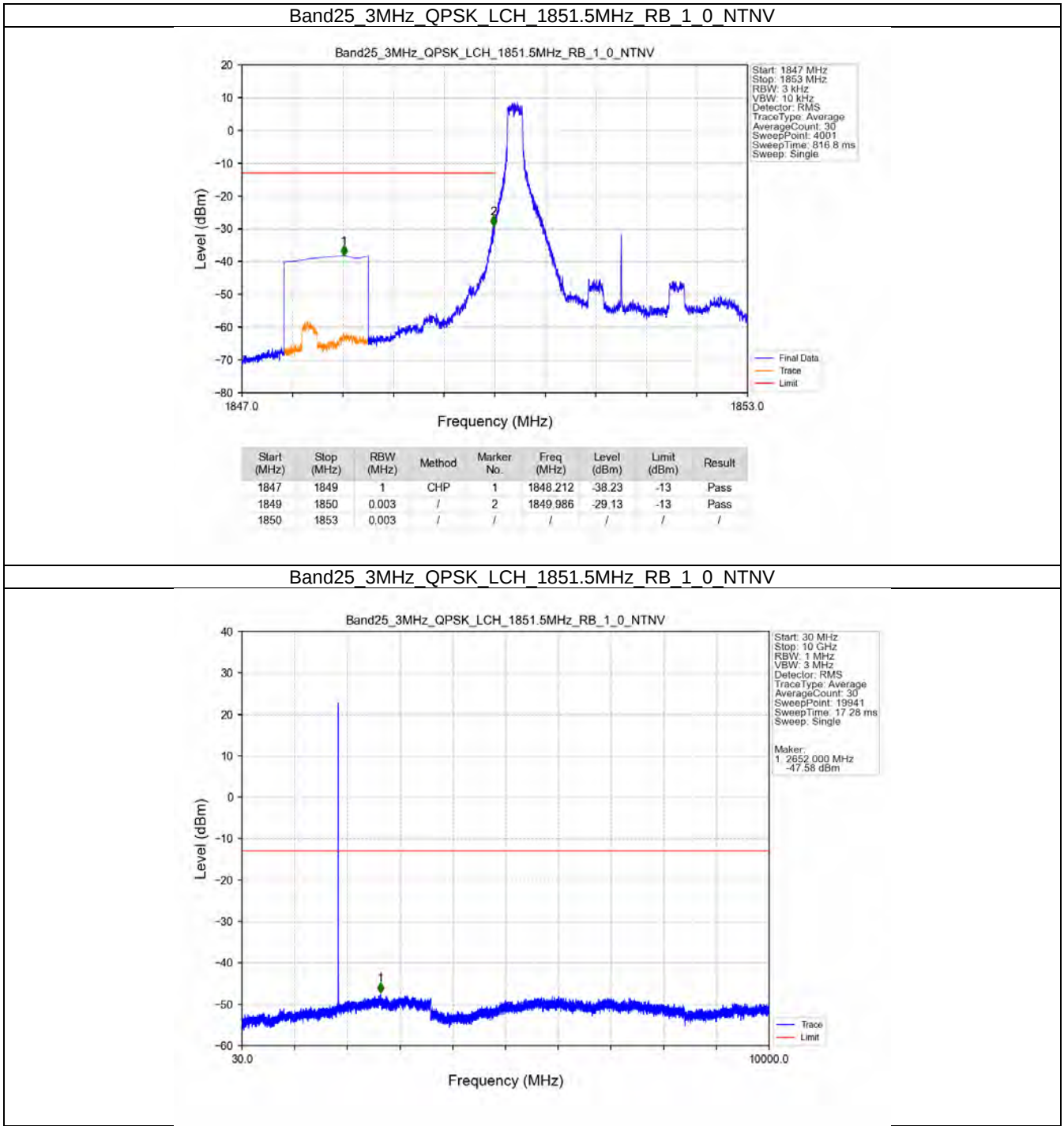
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1912        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.016   | -25.04      | -13         | Pass   |
| 1916        | 1918       | 1         | CHP    | 2          | 1916.500   | -39.72      | -13         | Pass   |

# Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV

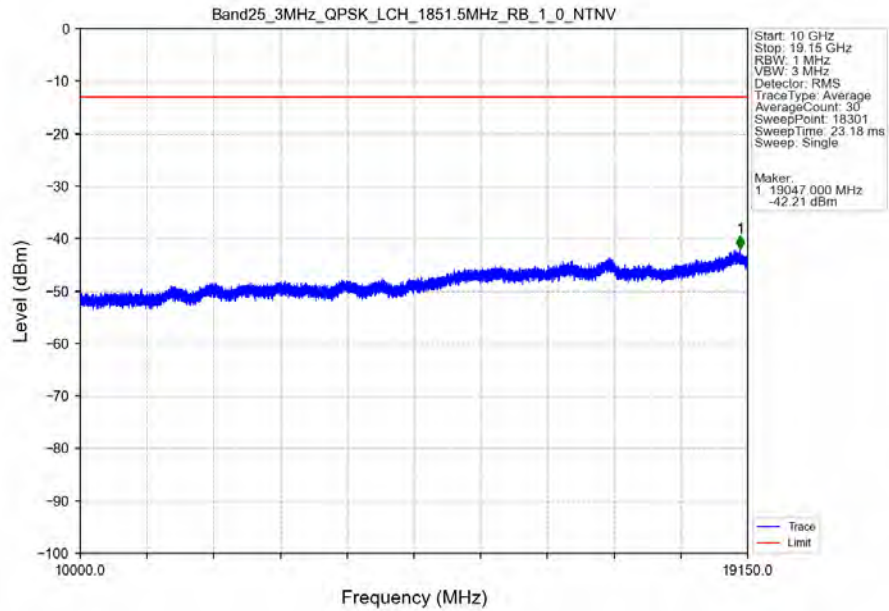


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1912        | 1915       | 0.013     | CHP    | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.013     | CHP    | 1          | 1915.005   | -32.78      | -13         | Pass   |
| 1916        | 1918       | 1         | CHP    | 2          | 1916.500   | -25.86      | -13         | Pass   |

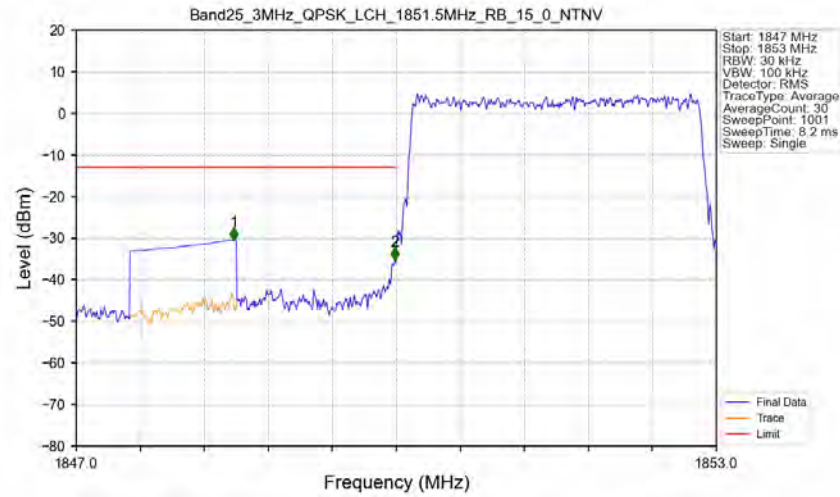
5.2.2 B25\_3MHz



# Band25 3MHz QPSK LCH 1851.5MHz RB 1 0 NTNV

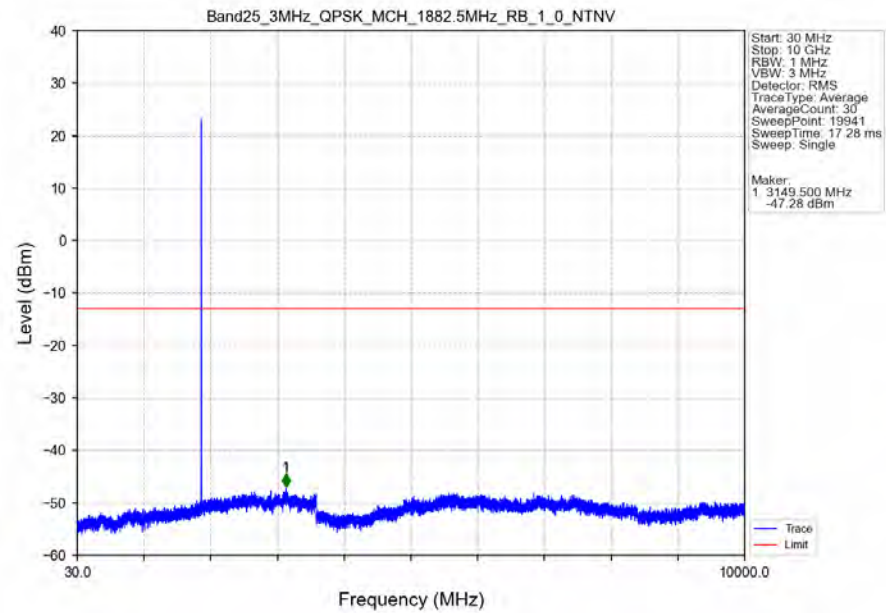


# Band25 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV

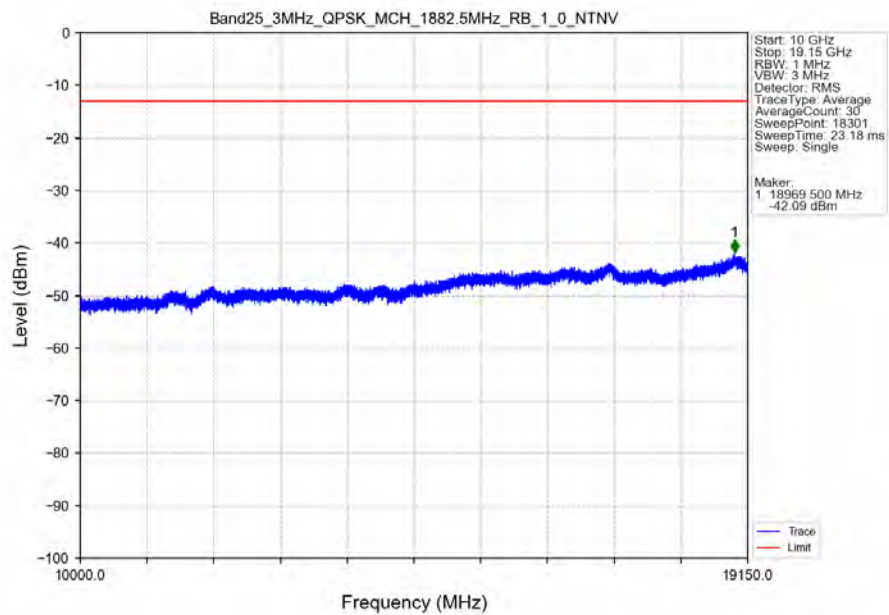


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.476   | -30.50      | -13         | Pass   |
| 1849        | 1850       | 0.03      | /      | 2          | 1849.988   | -35.25      | -13         | Pass   |
| 1850        | 1853       | 0.03      | /      | /          | /          | /           | /           | /      |

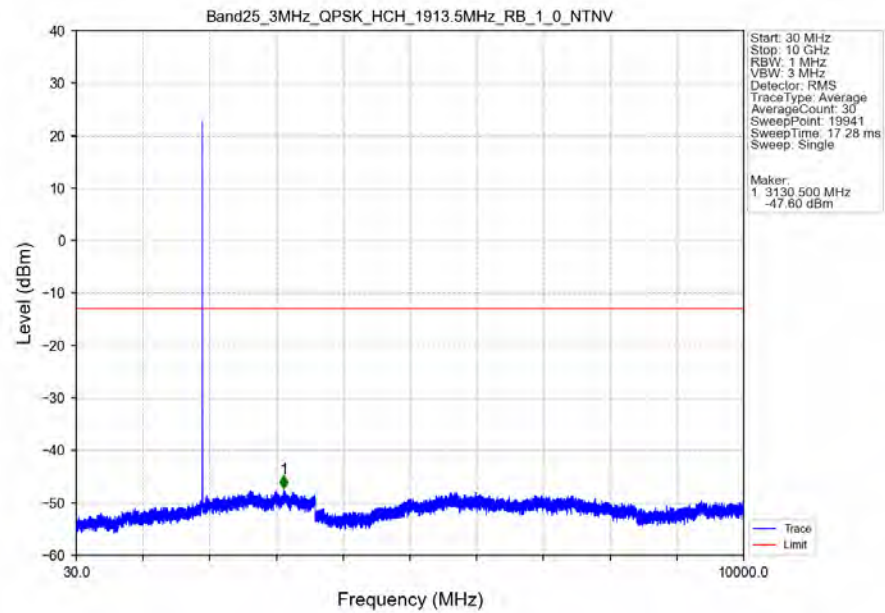
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTV



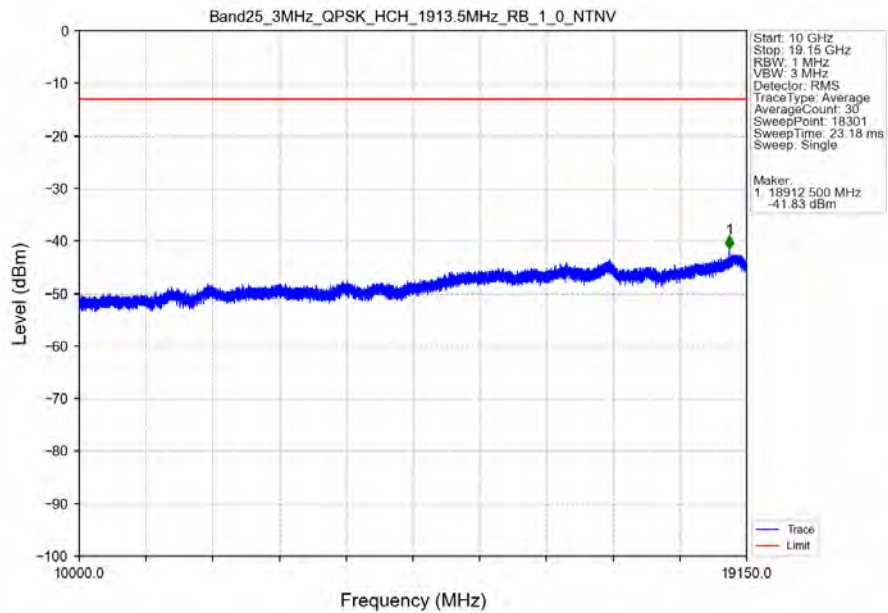
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTV



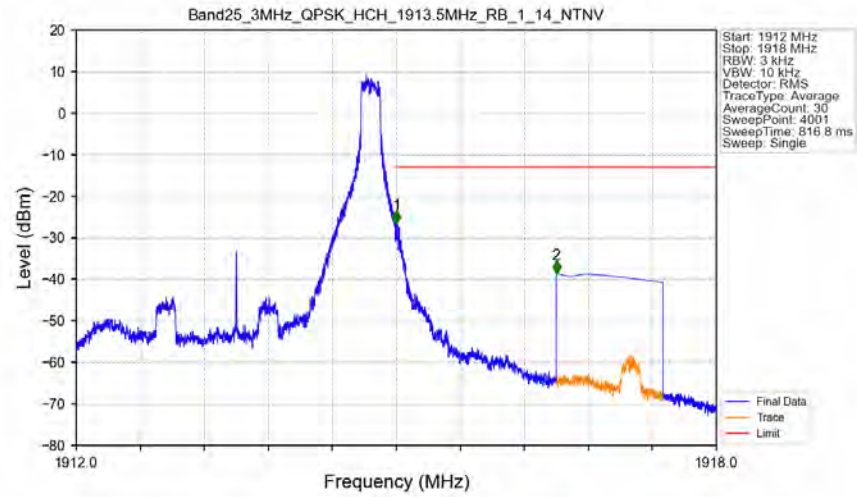
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTV



Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTV

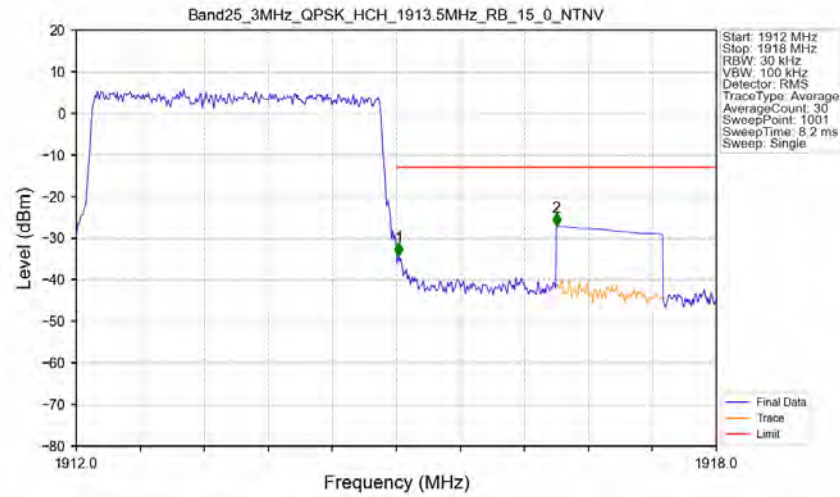


# Band25 3MHz QPSK HCH 1913.5MHz RB 1 14 NTV



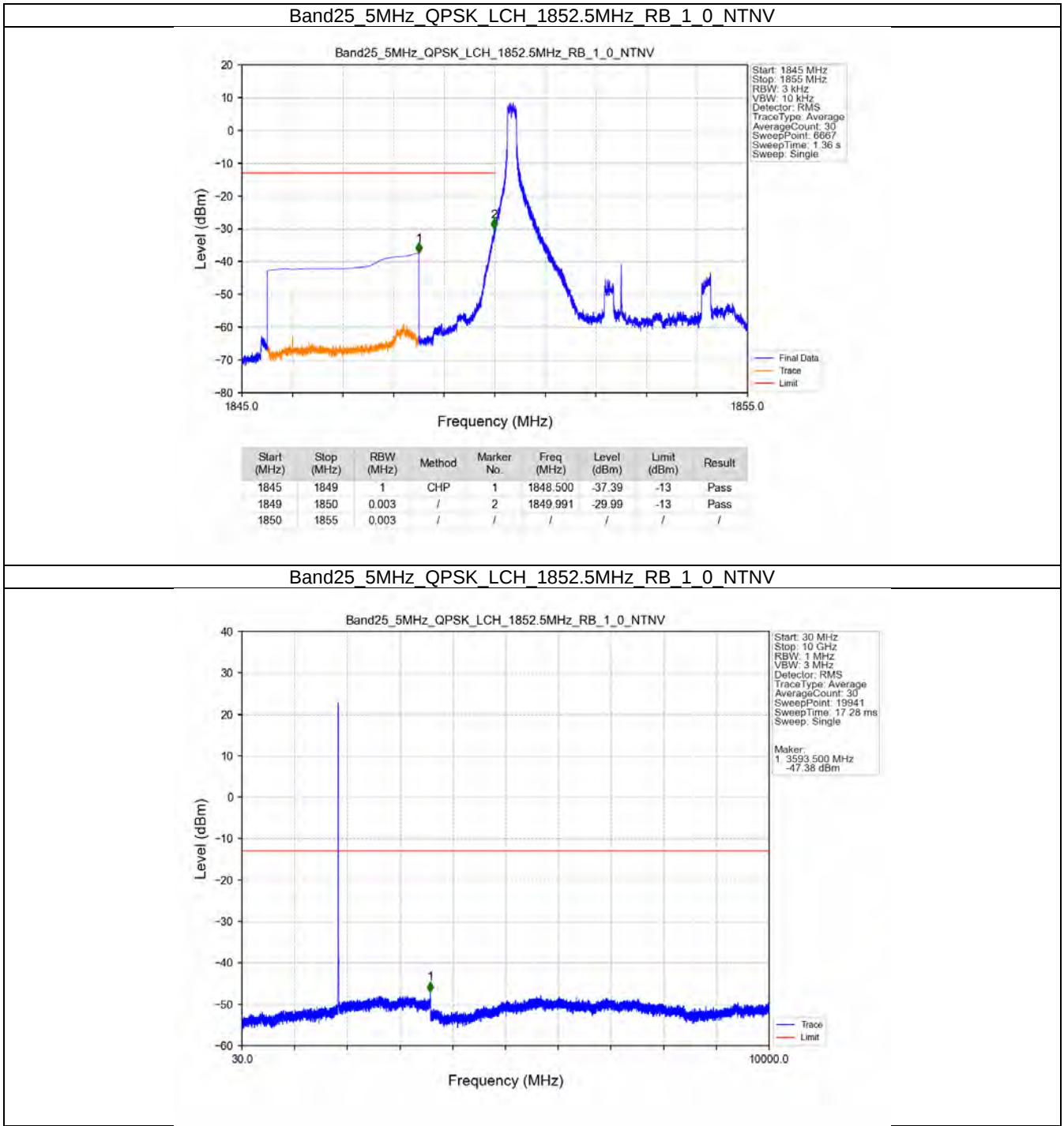
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1912        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.002   | -26.55      | -13         | Pass   |
| 1916        | 1918       | 1         | CHP    | 2          | 1916.500   | -38.55      | -13         | Pass   |

# Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTV

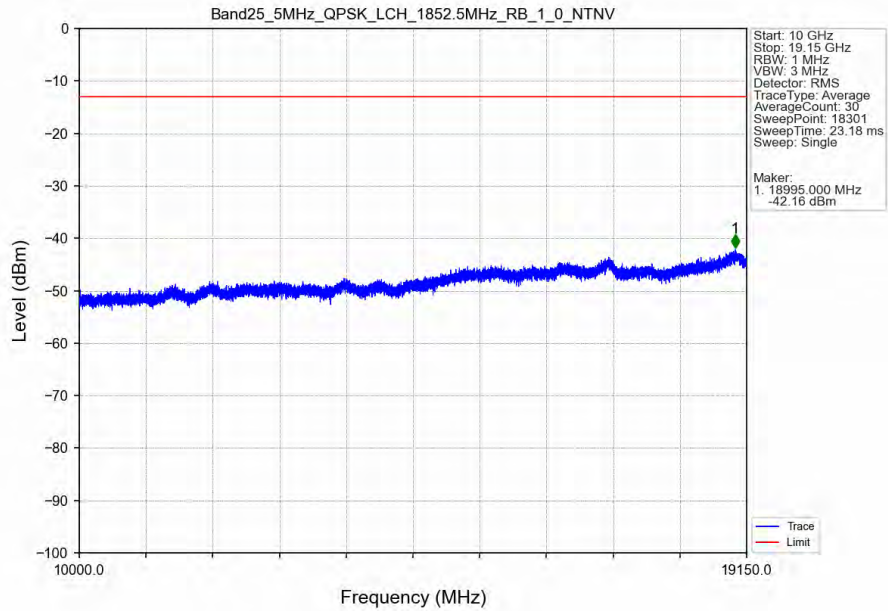


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1912        | 1915       | 0.03      | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.03      | /      | 1          | 1915.024   | -34.26      | -13         | Pass   |
| 1916        | 1918       | 1         | CHP    | 2          | 1916.500   | -27.17      | -13         | Pass   |

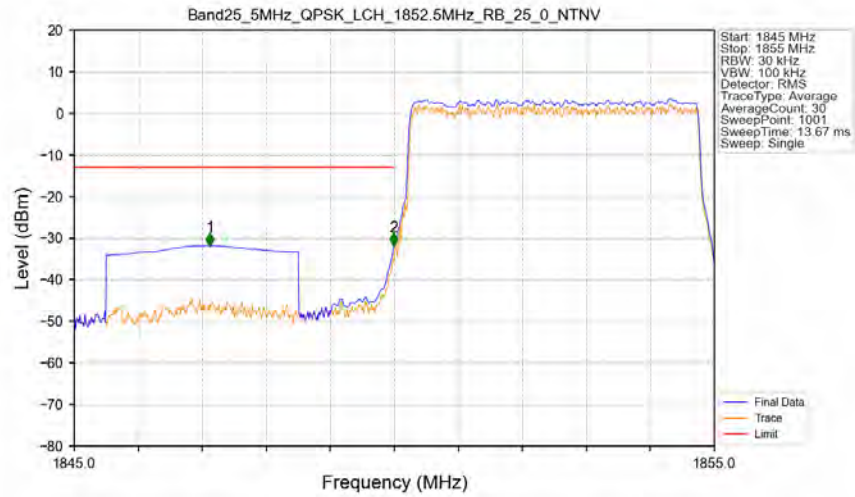
5.2.3 B25\_5MHz



# Band25 5MHz QPSK LCH 1852.5MHz RB 1 0 NTNV

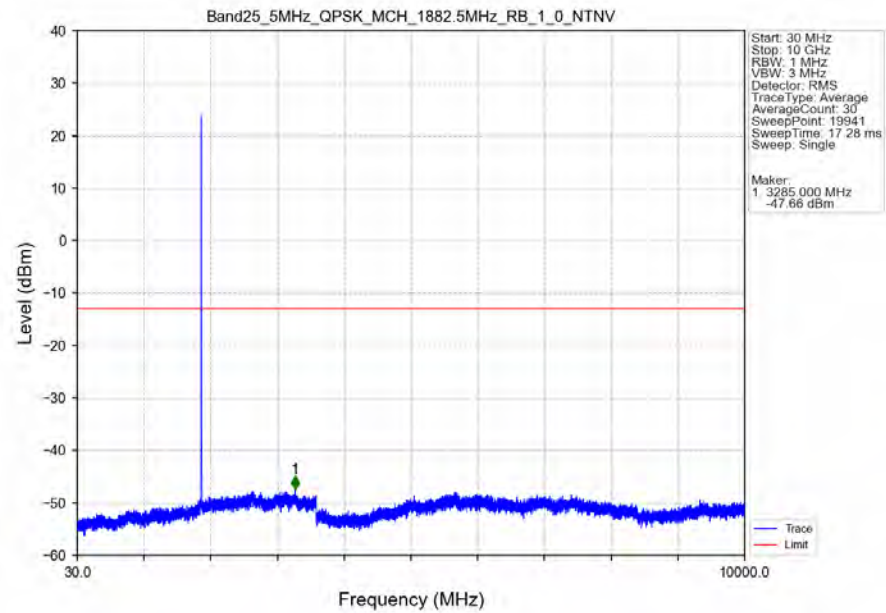


# Band25 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV

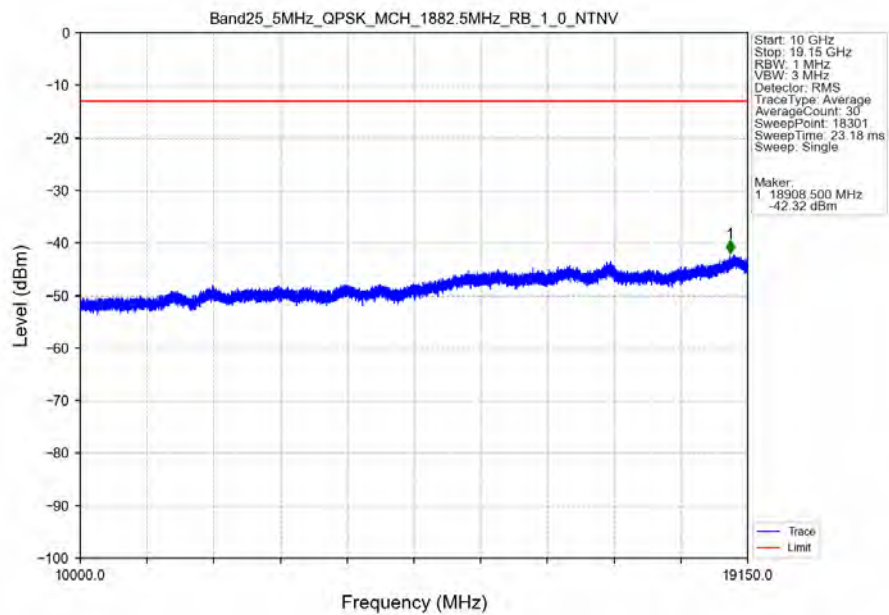


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1847.120   | -31.84      | -13         | Pass   |
| 1849        | 1850       | 0.05      | CHP    | 2          | 1849.990   | -31.83      | -13         | Pass   |
| 1850        | 1855       | 0.05      | CHP    | /          | /          | /           | /           | /      |

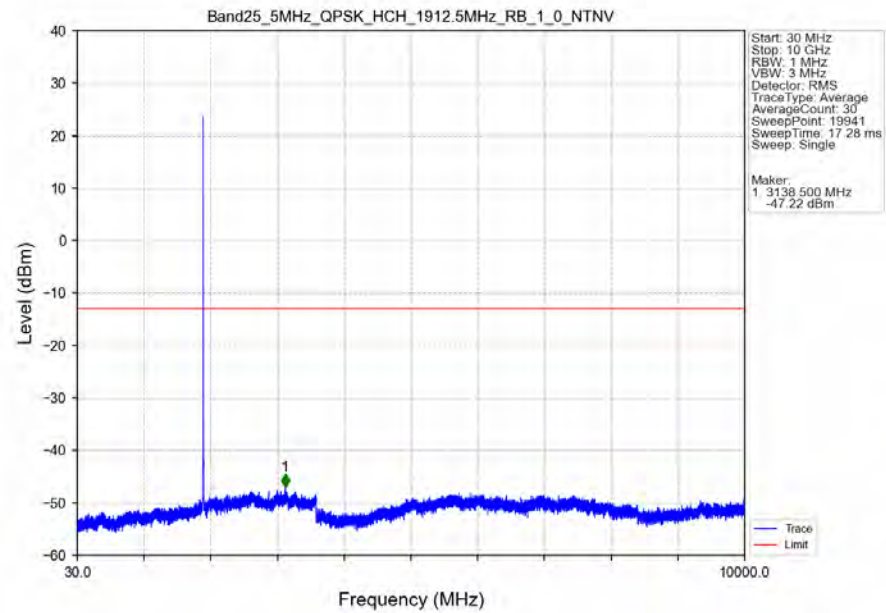
Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTV



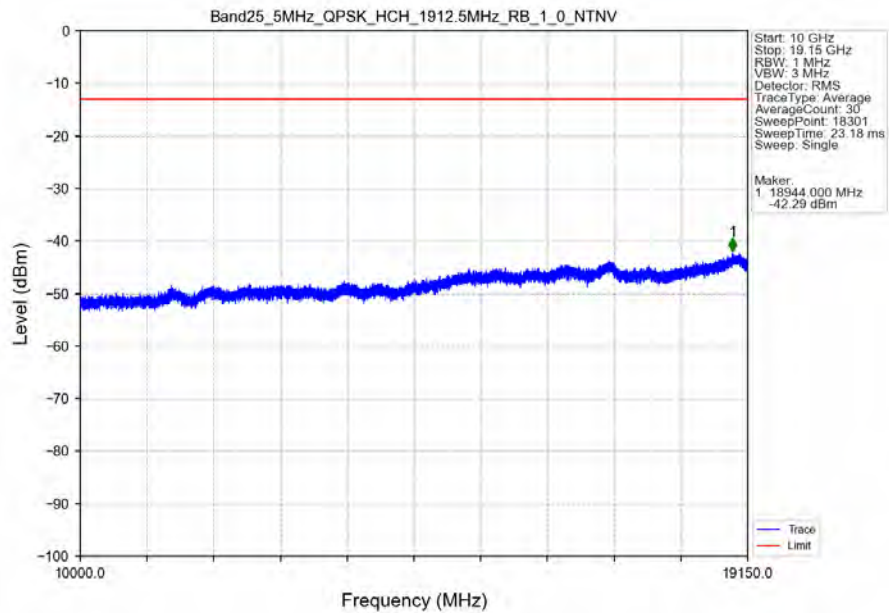
Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTV



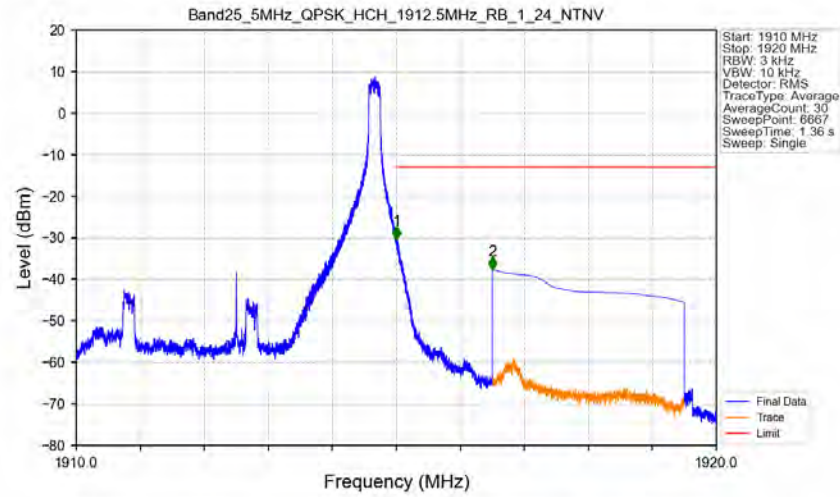
Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTV



Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTV

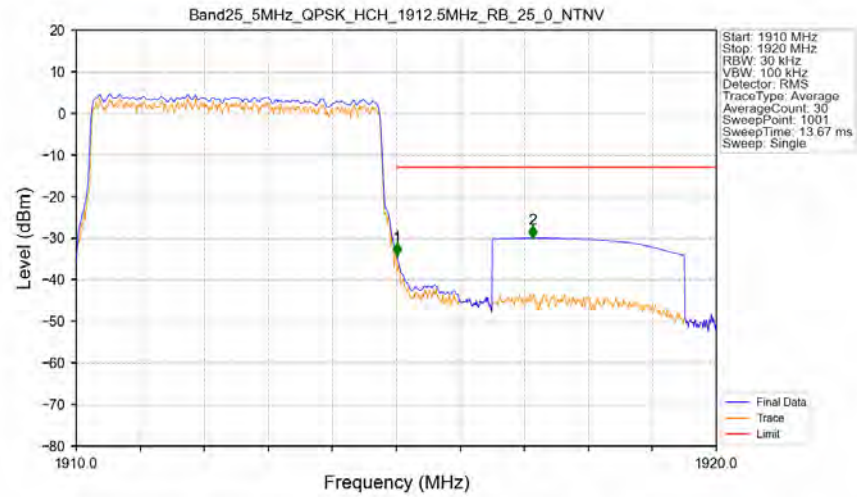


# Band25 5MHz QPSK HCH 1912.5MHz RB 1 24 NTV



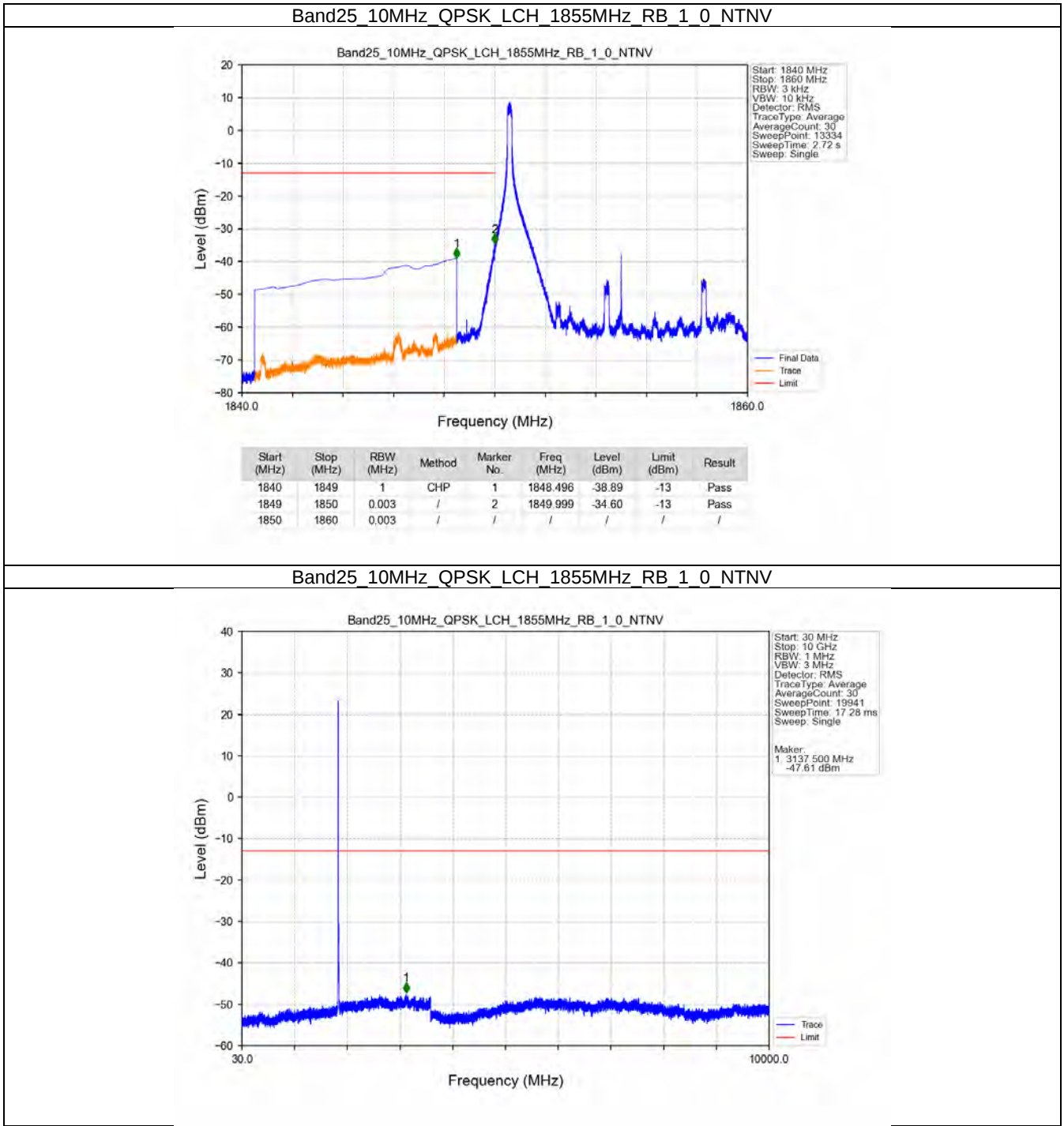
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1910        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.002   | -30.45      | -13         | Pass   |
| 1916        | 1920       | 1         | CHP    | 2          | 1916.500   | -37.72      | -13         | Pass   |

# Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTV

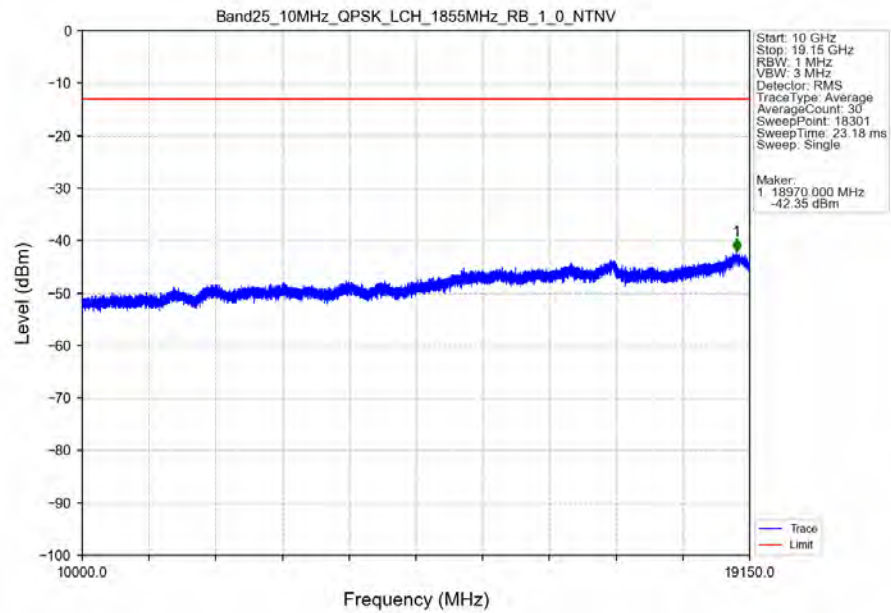


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1910        | 1915       | 0.05      | CHP    | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.05      | CHP    | 1          | 1915.010   | -34.28      | -13         | Pass   |
| 1916        | 1920       | 1         | CHP    | 2          | 1917.130   | -29.99      | -13         | Pass   |

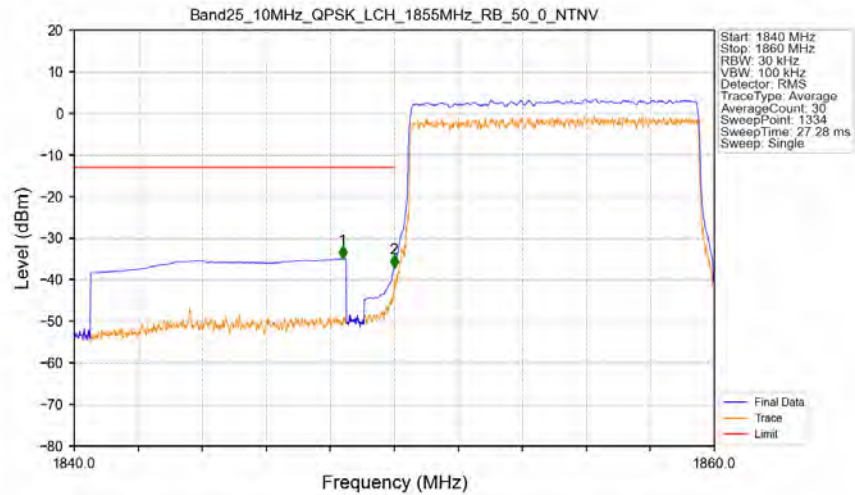
5.2.4 B25\_10MHz



Band25 10MHz QPSK LCH 1855MHz RB 1 0 NTV

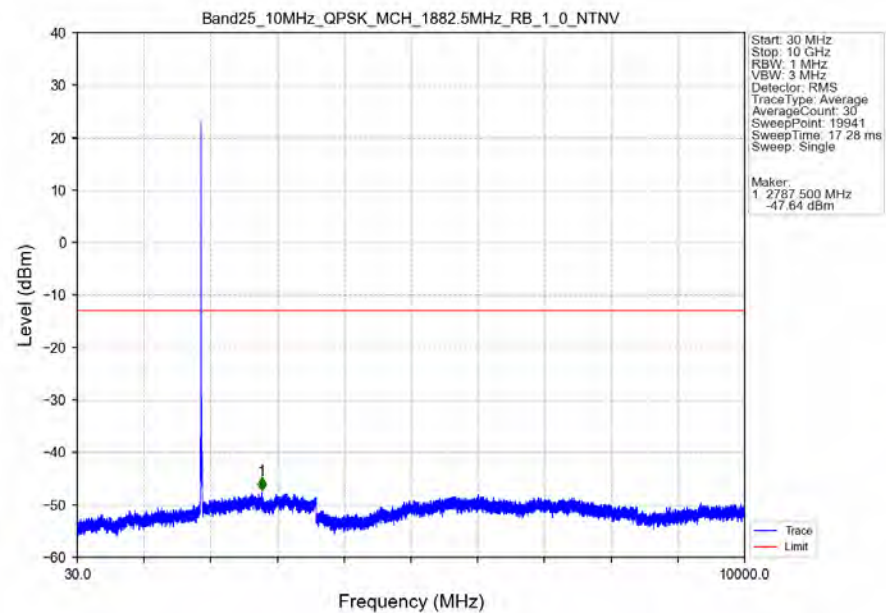


Band25 10MHz QPSK LCH 1855MHz RB 50 0 NTV

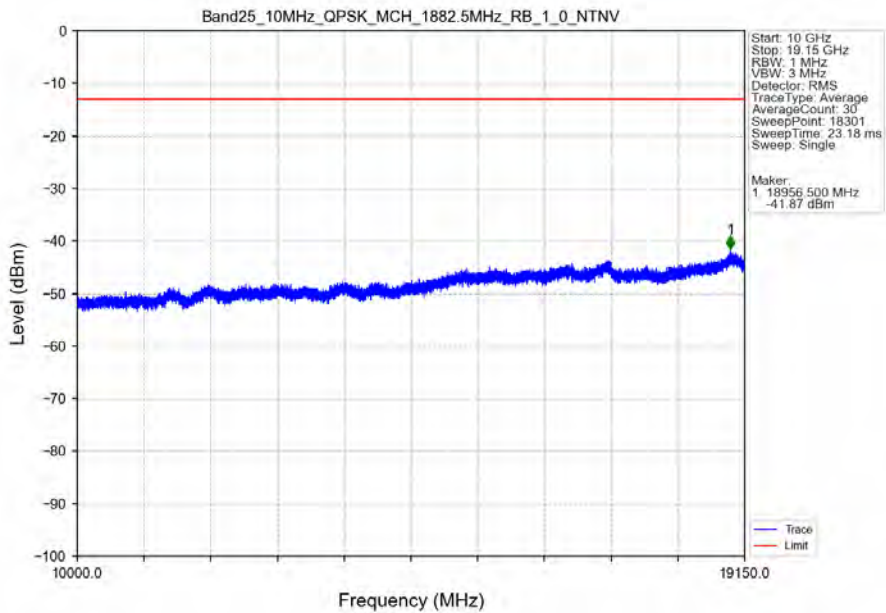


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1840        | 1849       | 1         | CHP    | 1          | 1848.387   | -34.94      | -13         | Pass   |
| 1849        | 1850       | 0.099     | CHP    | 2          | 1849.992   | -37.14      | -13         | Pass   |
| 1850        | 1860       | 0.099     | CHP    | /          | /          | /           | /           | /      |

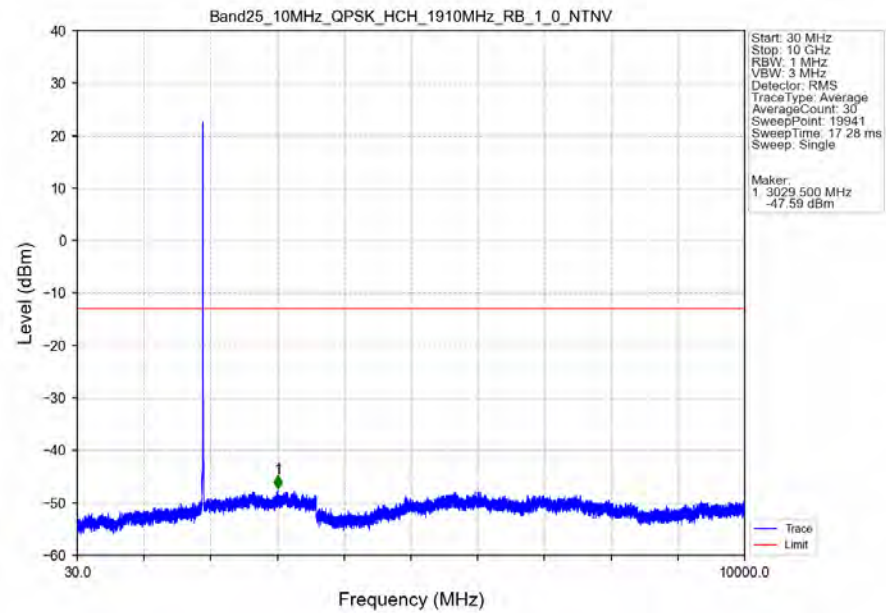
Band25 10MHz QPSK MCH 1882.5MHz RB 1 0 NTV



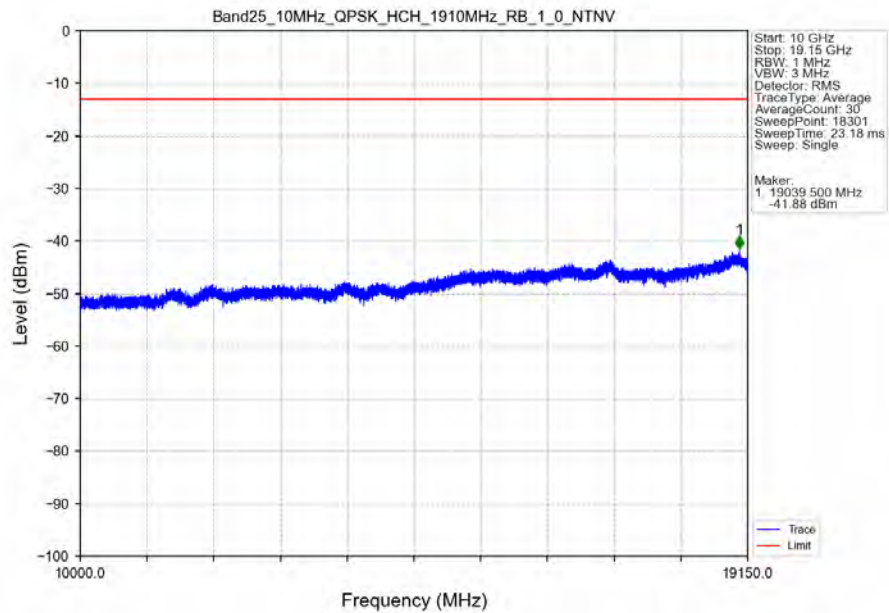
Band25 10MHz QPSK MCH 1882.5MHz RB 1 0 NTV



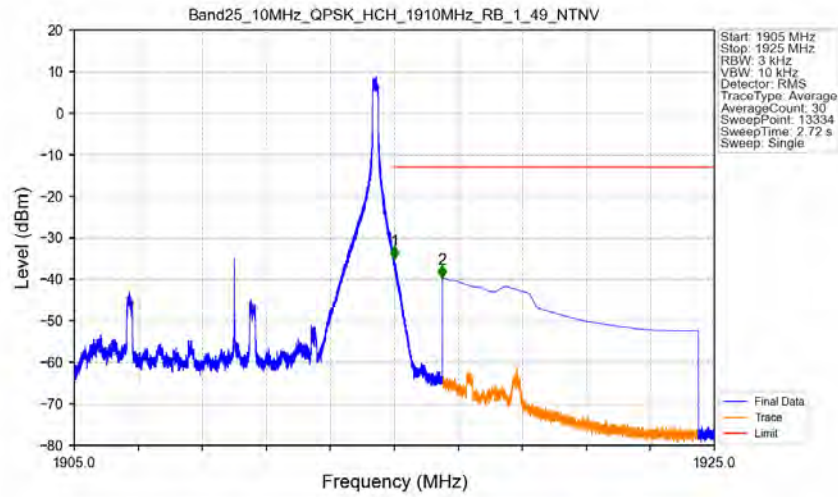
Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTNV



Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTNV

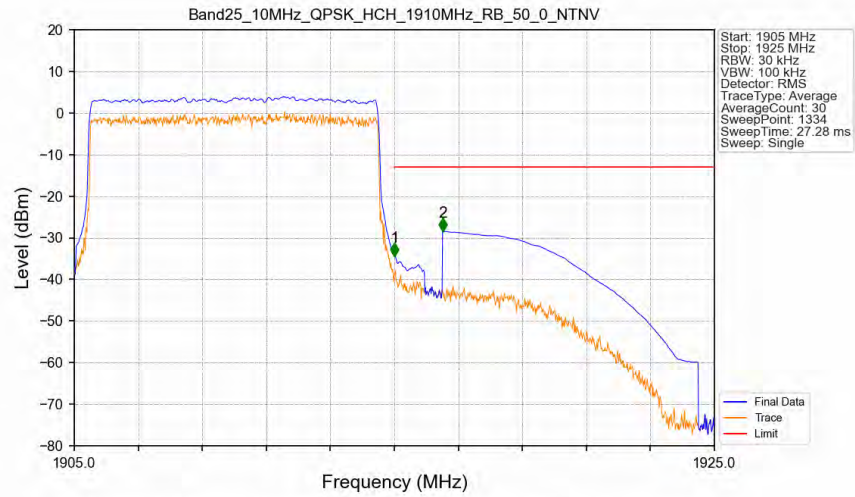


# Band25 10MHz QPSK HCH 1910MHz RB 1 49 NTV



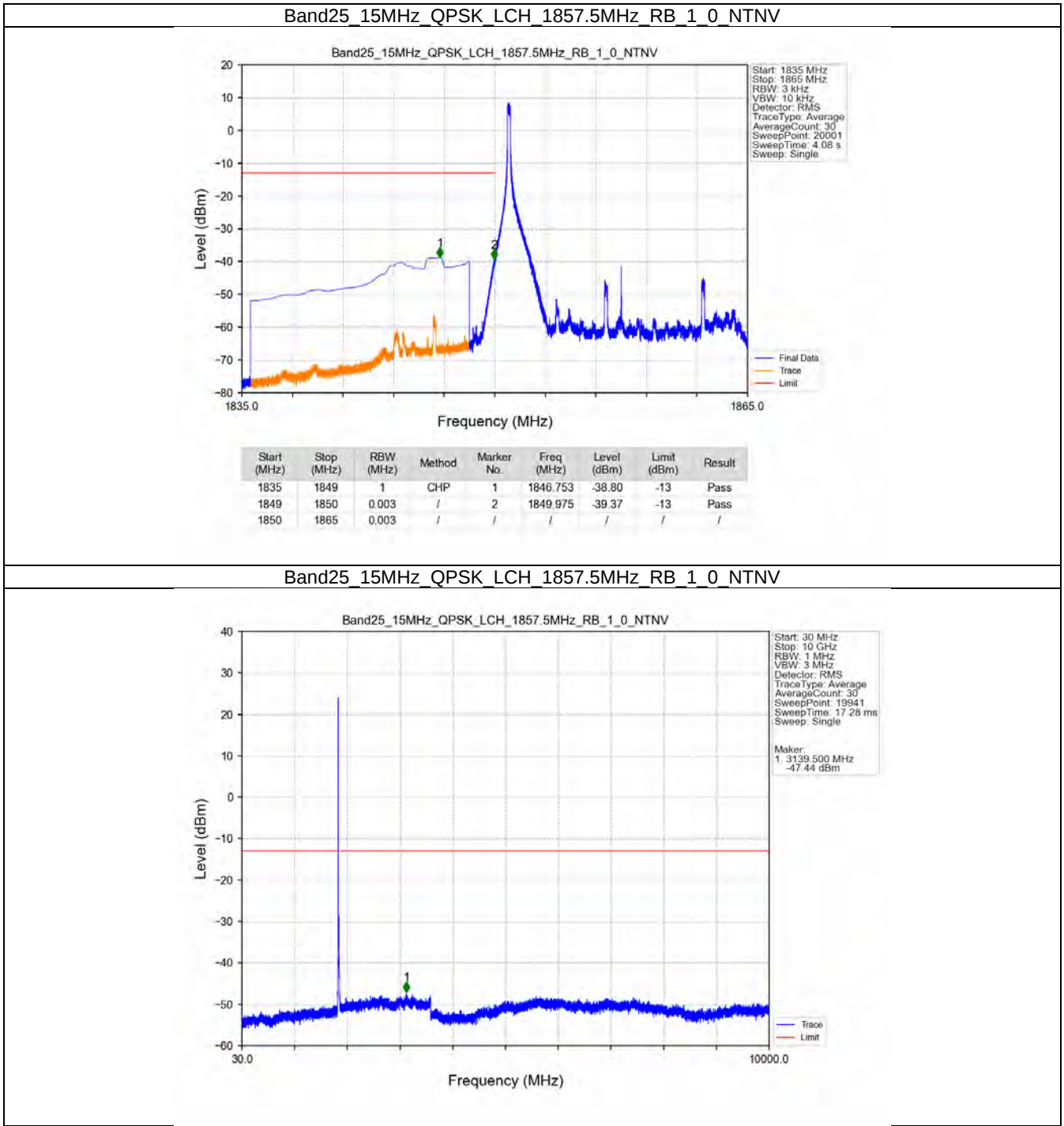
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.004   | -35.08      | -13         | Pass   |
| 1916        | 1925       | 1         | CHP    | 2          | 1916.501   | -39.61      | -13         | Pass   |

# Band25 10MHz QPSK HCH 1910MHz RB 50 0 NTV

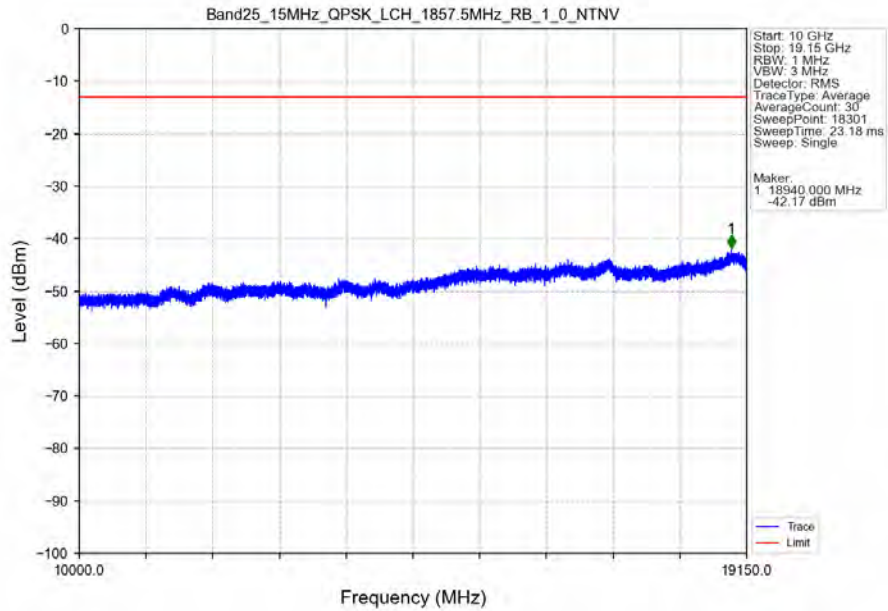


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1915       | 0.099     | CHP    | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.099     | CHP    | 1          | 1915.008   | -34.40      | -13         | Pass   |
| 1916        | 1925       | 1         | CHP    | 2          | 1916.508   | -28.44      | -13         | Pass   |

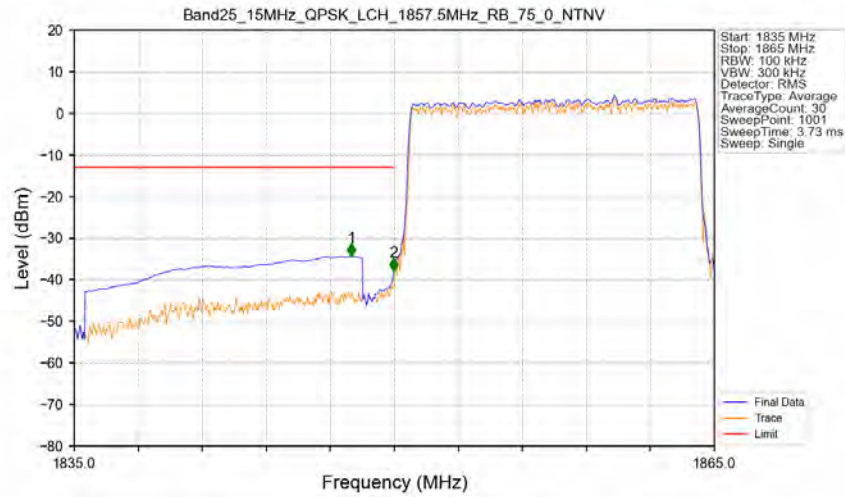
5.2.5 B25\_15MHz



# Band25 15MHz QPSK LCH 1857.5MHz RB 1 0 NTV

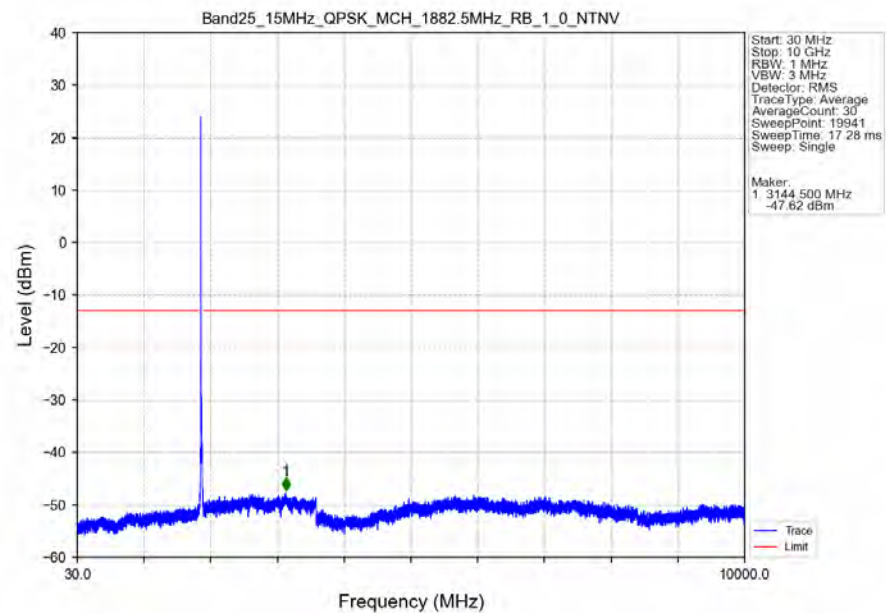


# Band25 15MHz QPSK LCH 1857.5MHz RB 75 0 NTV

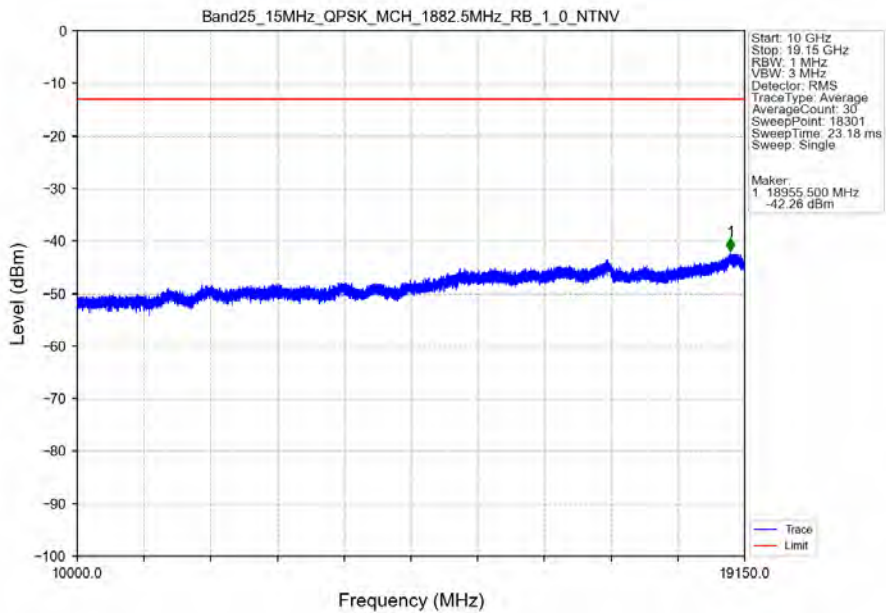


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1835        | 1849       | 1         | CHP    | 1          | 1847.990   | -34.44      | -13         | Pass   |
| 1849        | 1850       | 0.149     | CHP    | 2          | 1849.970   | -37.85      | -13         | Pass   |
| 1850        | 1865       | 0.149     | CHP    | /          | /          | /           | /           | /      |

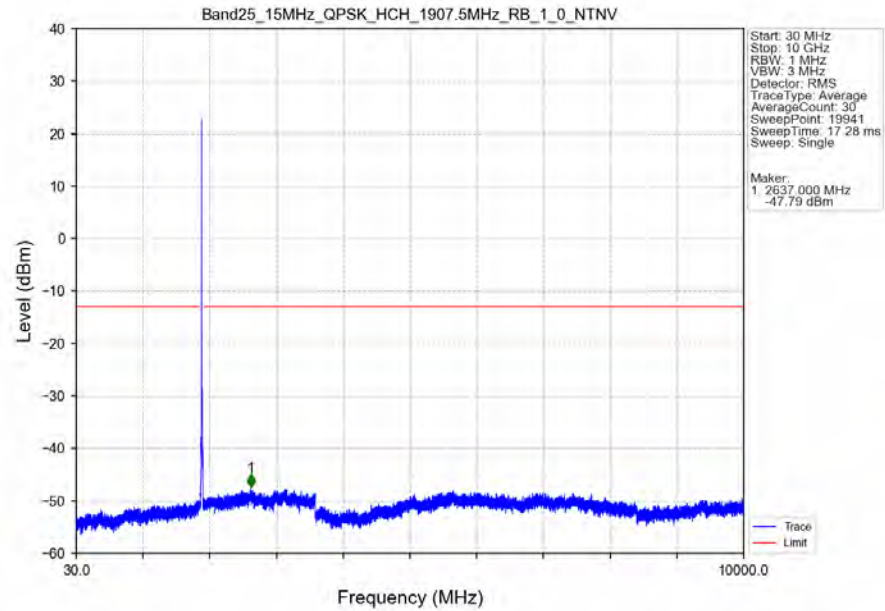
Band25 15MHz QPSK MCH 1882.5MHz RB 1 0 NTV



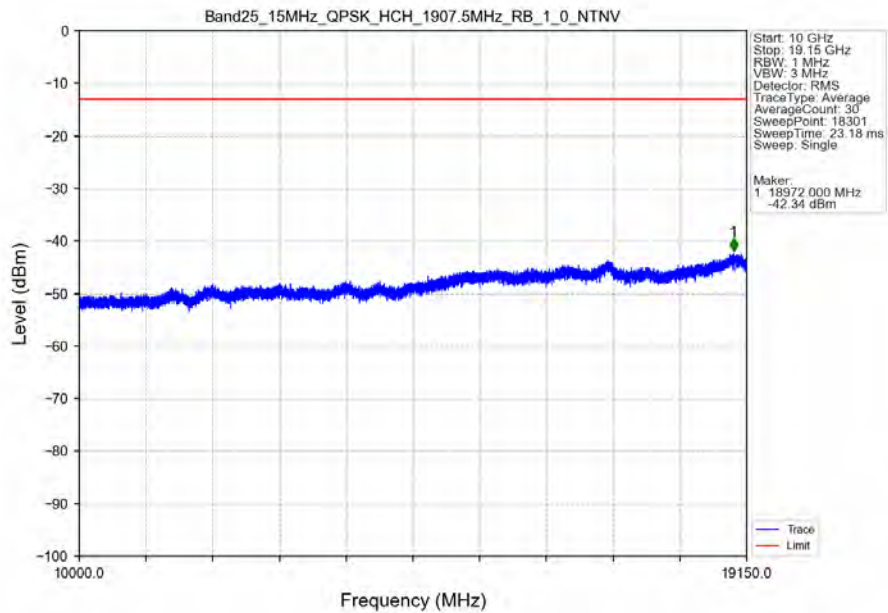
Band25 15MHz QPSK MCH 1882.5MHz RB 1 0 NTV



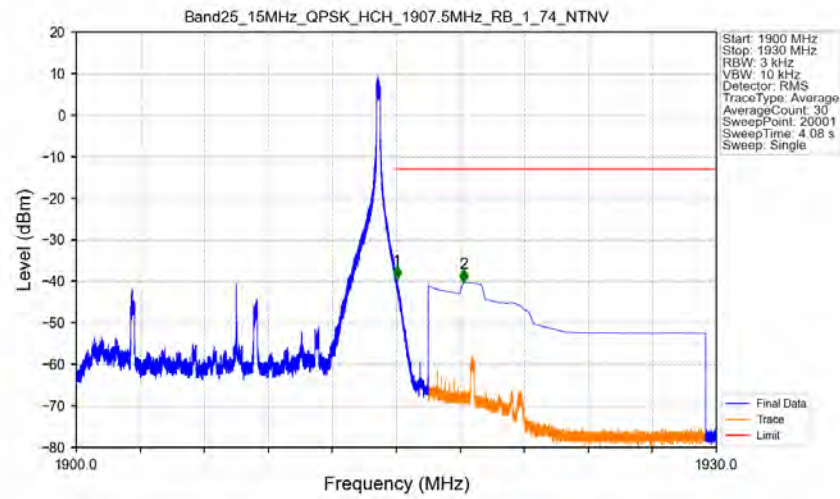
Band25 15MHz QPSK HCH 1907.5MHz RB 1 0 NTV



Band25 15MHz QPSK HCH 1907.5MHz RB 1 0 NTV

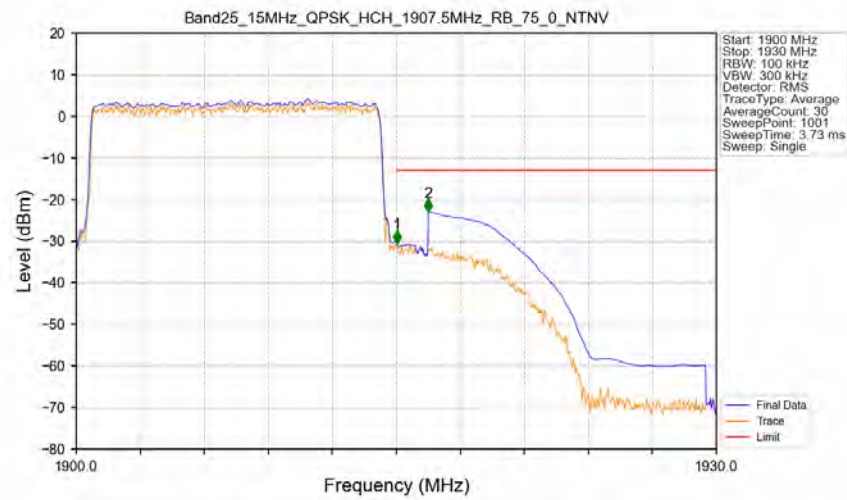


# Band25 15MHz QPSK HCH 1907.5MHz RB 1 74 NTNV



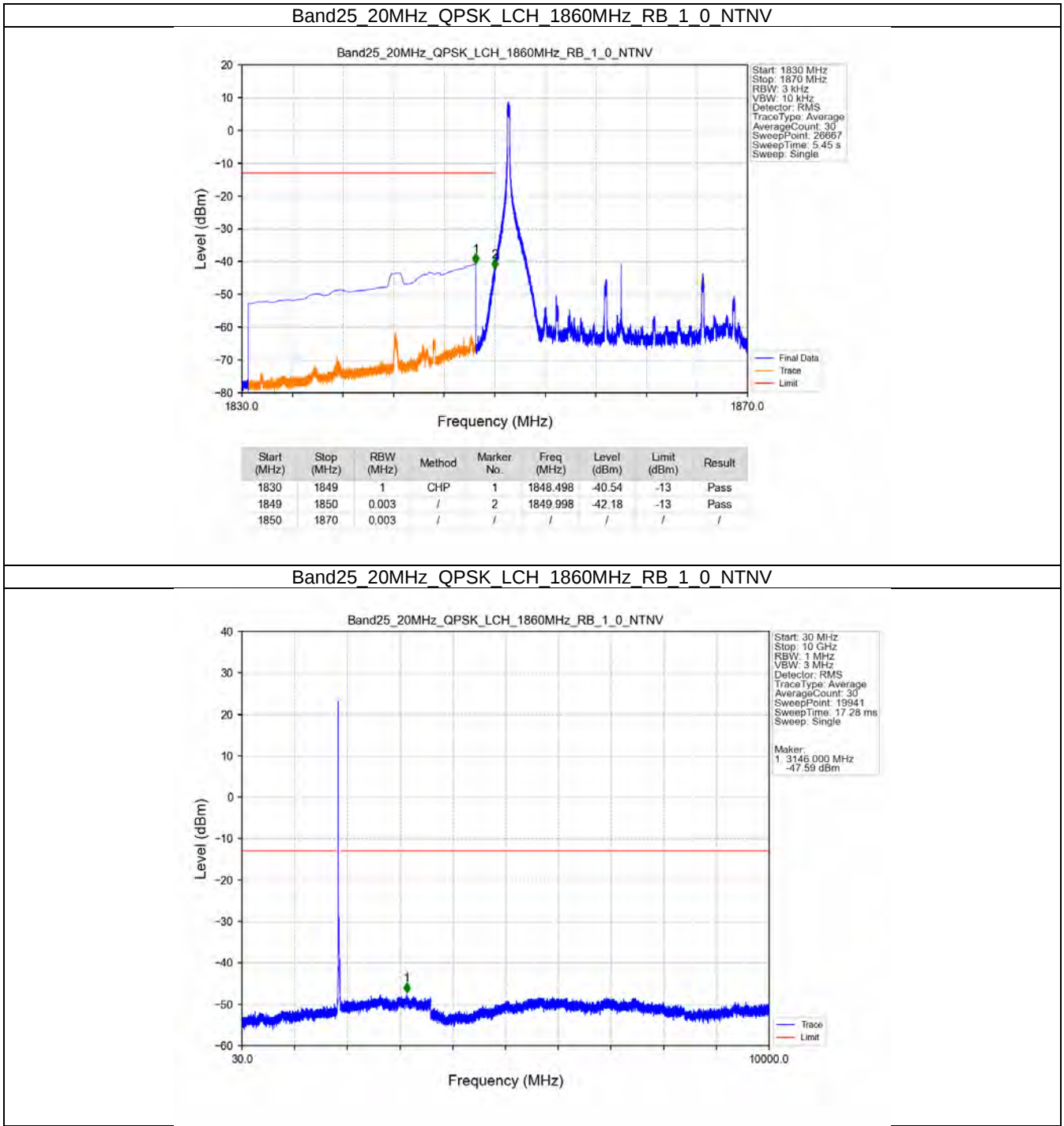
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1900        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.030   | -39.43      | -13         | Pass   |
| 1916        | 1930       | 1         | CHP    | 2          | 1918.162   | -40.23      | -13         | Pass   |

# Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV

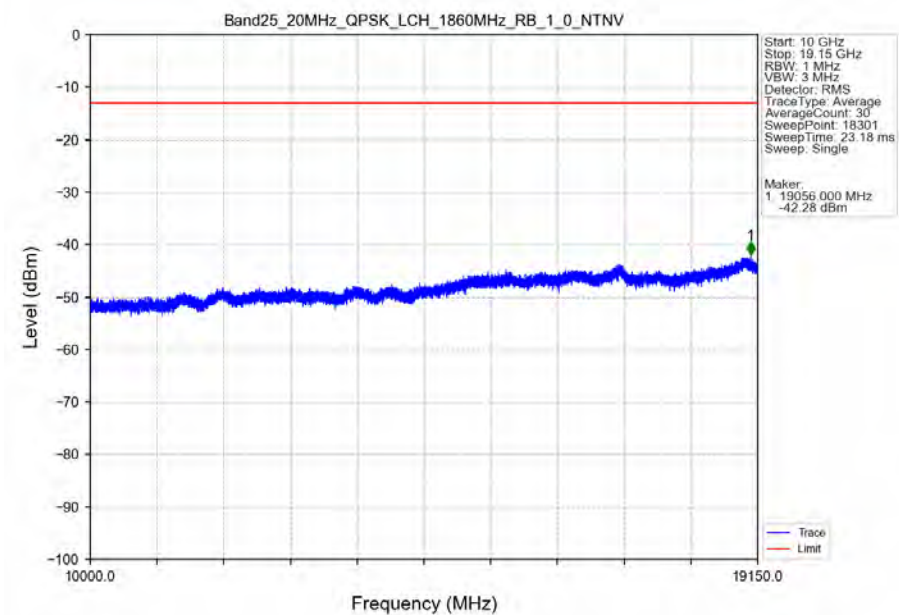


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1900        | 1915       | 0.149     | CHP    | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.149     | CHP    | 1          | 1915.030   | -30.49      | -13         | Pass   |
| 1916        | 1930       | 1         | CHP    | 2          | 1916.500   | -22.94      | -13         | Pass   |

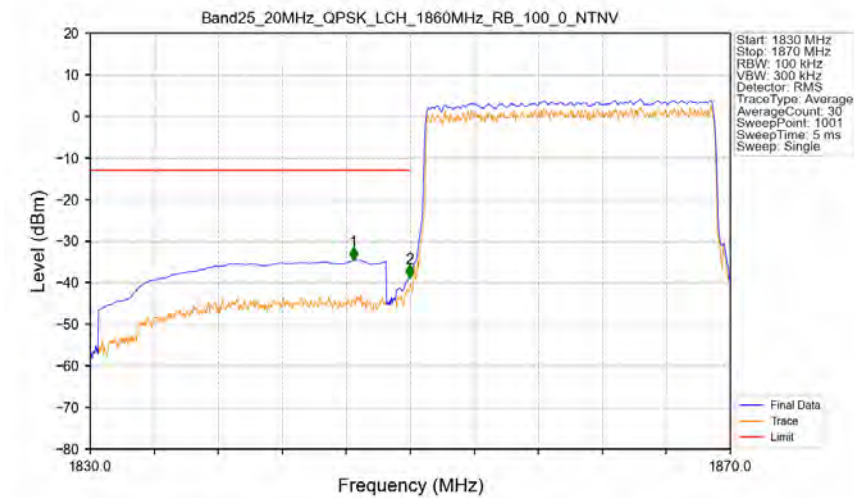
5.2.6 B25\_20MHz



Band25 20MHz QPSK LCH 1860MHz RB 1 0 NTV

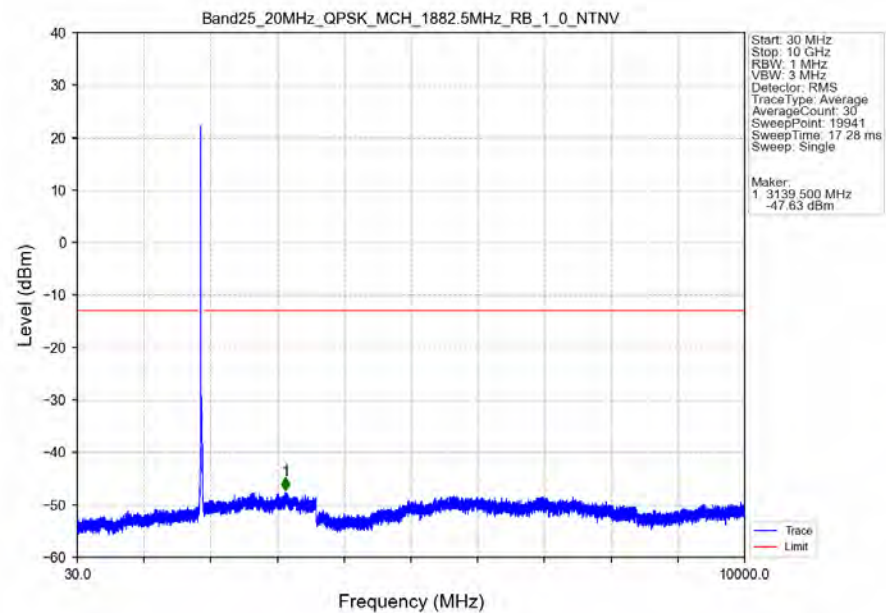


Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTV

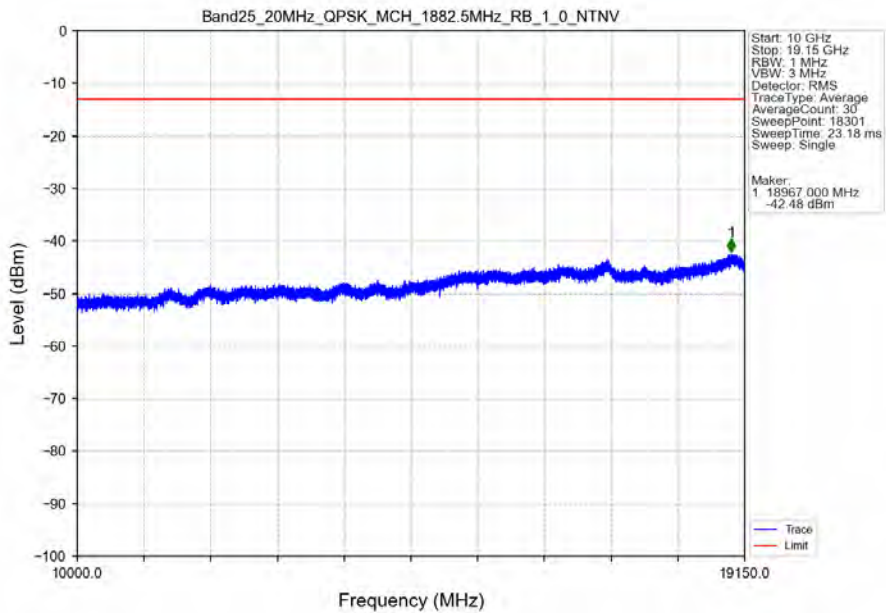


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1830        | 1849       | 1         | CHP    | 1          | 1846.440   | -34.67      | -13         | Pass   |
| 1849        | 1850       | 0.198     | CHP    | 2          | 1849.960   | -38.82      | -13         | Pass   |
| 1850        | 1870       | 0.198     | CHP    | /          | /          | /           | /           | /      |

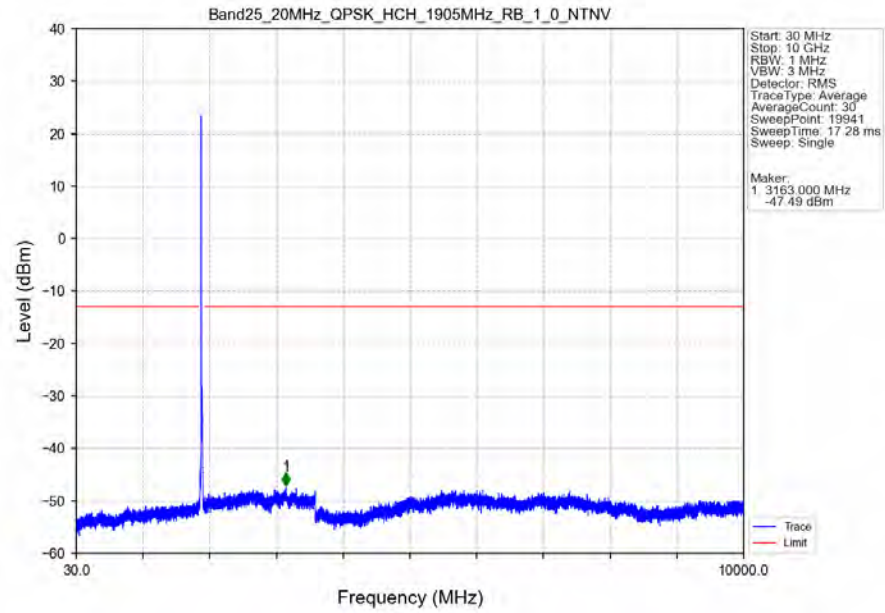
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTV



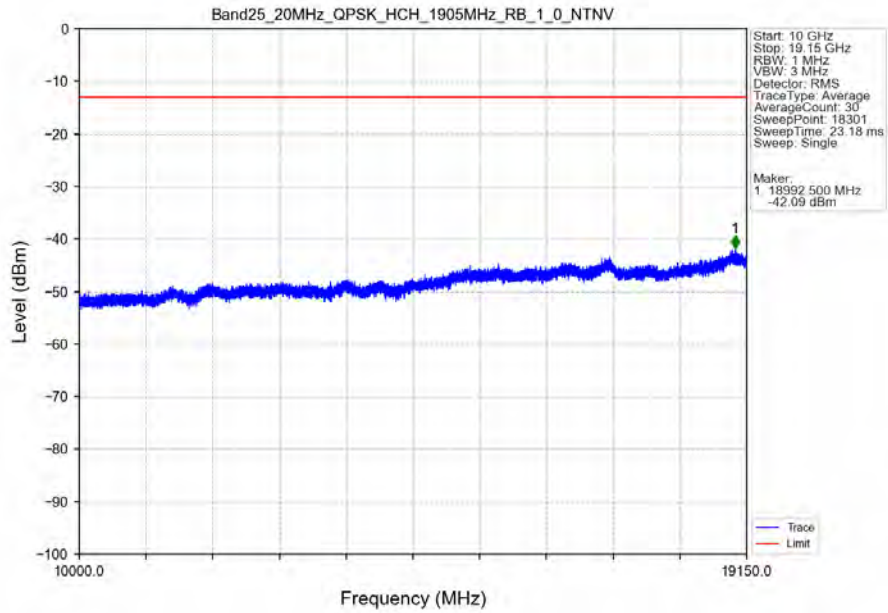
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTV



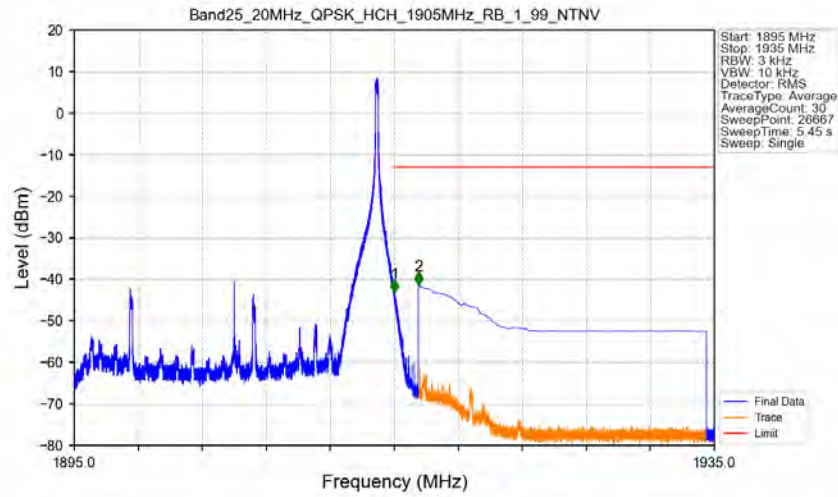
# Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTNV



# Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTNV

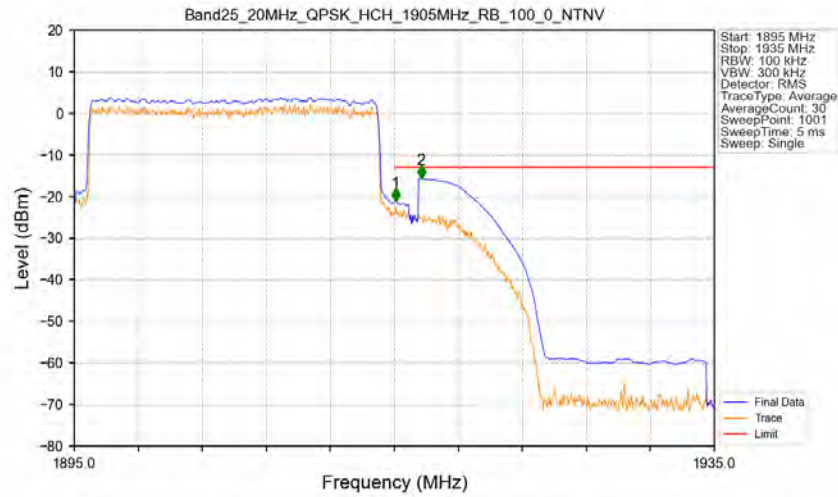


# Band25 20MHz QPSK HCH 1905MHz RB 1 99 NTV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1895        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.021   | -43.07      | -13         | Pass   |
| 1916        | 1935       | 1         | CHP    | 2          | 1916.500   | -41.37      | -13         | Pass   |

# Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1895        | 1915       | 0.198     | CHP    | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.198     | CHP    | 1          | 1915.080   | -21.11      | -13         | Pass   |
| 1916        | 1935       | 1         | CHP    | 2          | 1916.680   | -15.68      | -13         | Pass   |

## 6. Field Strength of Spurious Radiation

| LTE Band 25-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|-------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                   | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3702.0                                                            | -56.79     | -13         | -43.79          | -61.65           | 3.58            | 8.44               | Horizontal         | Pass   |
| 5553.0                                                            | -58.33     | -13         | -45.33          | -64.04           | 4.74            | 10.45              | Horizontal         | Pass   |
| 7404.0                                                            | -60.88     | -13         | -47.88          | -67.56           | 4.94            | 11.62              | Horizontal         | Pass   |
| 3702.0                                                            | -60.12     | -13         | -47.12          | -64.98           | 3.58            | 8.44               | Vertical           | Pass   |
| 5553.0                                                            | -55.03     | -13         | -42.03          | -60.74           | 4.74            | 10.45              | Vertical           | Pass   |
| 7404.0                                                            | -60.41     | -13         | -47.41          | -67.09           | 4.94            | 11.62              | Vertical           | Pass   |

| LTE Band 25-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|----------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                      | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3747.0                                                               | -61.02     | -13         | -48.02          | -65.9            | 3.62            | 8.5                | Horizontal         | Pass   |
| 5620.5                                                               | -55.46     | -13         | -42.46          | -61.17           | 4.74            | 10.45              | Horizontal         | Pass   |
| 7494.0                                                               | -60.75     | -13         | -47.75          | -67.54           | 4.94            | 11.73              | Horizontal         | Pass   |
| 3747.0                                                               | -60.43     | -13         | -47.43          | -65.31           | 3.62            | 8.5                | Vertical           | Pass   |
| 5620.5                                                               | -54.82     | -13         | -41.82          | -60.53           | 4.74            | 10.45              | Vertical           | Pass   |
| 7494.0                                                               | -60.47     | -13         | -47.47          | -67.26           | 4.94            | 11.73              | Vertical           | Pass   |

| LTE Band 25-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0 |            |             |                 |                  |                 |                    |                    |        |
|--------------------------------------------------------------------|------------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| Frequency (MHz)                                                    | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3792.0                                                             | -60.24     | -13         | -47.24          | -65.14           | 3.66            | 8.56               | Horizontal         | Pass   |
| 5688.0                                                             | -54.06     | -13         | -41.06          | -59.76           | 4.75            | 10.45              | Horizontal         | Pass   |
| 7584.0                                                             | -60.14     | -13         | -47.14          | -67.03           | 4.95            | 11.84              | Horizontal         | Pass   |
| 3792.0                                                             | -59.1      | -13         | -46.1           | -64.0            | 3.66            | 8.56               | Vertical           | Pass   |
| 5688.0                                                             | -54.17     | -13         | -41.17          | -59.87           | 4.75            | 10.45              | Vertical           | Pass   |
| 7584.0                                                             | -60.11     | -13         | -47.11          | -67.0            | 4.95            | 11.84              | Vertical           | Pass   |