

# 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      | 23.03                 | -1.29      | 21.74      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 23.03                 | -1.29      | 21.74      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 22.99                 | -1.29      | 21.70      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 23.12                 | -1.29      | 21.83      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 23.08                 | -1.29      | 21.79      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 23.07                 | -1.29      | 21.78      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 22.23                 | -1.29      | 20.94      | <=33.01 | Pass    |
|                                     | 1882.5          | 1             | 0      | 22.83                 | -1.29      | 21.54      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 22.83                 | -1.29      | 21.54      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 22.90                 | -1.29      | 21.61      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 22.87                 | -1.29      | 21.58      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 22.89                 | -1.29      | 21.60      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 22.92                 | -1.29      | 21.63      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 21.83                 | -1.29      | 20.54      | <=33.01 | Pass    |
|                                     | 1914.3          | 1             | 0      | 22.91                 | -1.29      | 21.62      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 22.94                 | -1.29      | 21.65      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 22.96                 | -1.29      | 21.67      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 23.02                 | -1.29      | 21.73      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 22.96                 | -1.29      | 21.67      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 23.07                 | -1.29      | 21.78      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 22.02                 | -1.29      | 20.73      | <=33.01 | Pass    |
| 16QAM                               | 1850.7          | 1             | 0      | 22.26                 | -1.29      | 20.97      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 22.22                 | -1.29      | 20.93      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 22.24                 | -1.29      | 20.95      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 22.30                 | -1.29      | 21.01      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 22.27                 | -1.29      | 20.98      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 22.27                 | -1.29      | 20.98      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 21.15                 | -1.29      | 19.86      | <=33.01 | Pass    |
|                                     | 1882.5          | 1             | 0      | 21.86                 | -1.29      | 20.57      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 21.79                 | -1.29      | 20.50      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 21.86                 | -1.29      | 20.57      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 21.94                 | -1.29      | 20.65      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 22.00                 | -1.29      | 20.71      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 22.01                 | -1.29      | 20.72      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 20.81                 | -1.29      | 19.52      | <=33.01 | Pass    |
|                                     | 1914.3          | 1             | 0      | 22.24                 | -1.29      | 20.95      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 22.24                 | -1.29      | 20.95      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 22.21                 | -1.29      | 20.92      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 21.99                 | -1.29      | 20.70      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 22.00                 | -1.29      | 20.71      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 22.09                 | -1.29      | 20.80      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 21.05                 | -1.29      | 19.76      | <=33.01 | Pass    |
| 64QAM                               | 1850.7          | 1             | 0      | 21.44                 | -1.29      | 20.15      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 21.36                 | -1.29      | 20.07      | <=33.01 | Pass    |
|                                     |                 |               | 5      | 21.41                 | -1.29      | 20.12      | <=33.01 | Pass    |
|                                     |                 | 3             | 0      | 21.15                 | -1.29      | 19.86      | <=33.01 | Pass    |
|                                     |                 |               | 2      | 21.13                 | -1.29      | 19.84      | <=33.01 | Pass    |
|                                     |                 |               | 3      | 21.13                 | -1.29      | 19.84      | <=33.01 | Pass    |
|                                     |                 | 6             | 0      | 20.31                 | -1.29      | 19.02      | <=33.01 | Pass    |

|        |        |   |   |       |       |       |         |      |
|--------|--------|---|---|-------|-------|-------|---------|------|
|        | 1882.5 | 1 | 0 | 21.21 | -1.29 | 19.92 | <=33.01 | Pass |
|        |        |   | 2 | 21.28 | -1.29 | 19.99 | <=33.01 | Pass |
|        |        |   | 5 | 21.28 | -1.29 | 19.99 | <=33.01 | Pass |
|        |        | 3 | 0 | 21.08 | -1.29 | 19.79 | <=33.01 | Pass |
|        |        |   | 2 | 21.07 | -1.29 | 19.78 | <=33.01 | Pass |
|        |        |   | 3 | 21.09 | -1.29 | 19.80 | <=33.01 | Pass |
|        |        | 6 | 0 | 19.79 | -1.29 | 18.50 | <=33.01 | Pass |
|        | 1914.3 | 1 | 0 | 21.21 | -1.29 | 19.92 | <=33.01 | Pass |
|        |        |   | 2 | 21.20 | -1.29 | 19.91 | <=33.01 | Pass |
|        |        |   | 5 | 21.16 | -1.29 | 19.87 | <=33.01 | Pass |
|        |        | 3 | 0 | 21.12 | -1.29 | 19.83 | <=33.01 | Pass |
|        |        |   | 2 | 21.14 | -1.29 | 19.85 | <=33.01 | Pass |
|        |        |   | 3 | 21.15 | -1.29 | 19.86 | <=33.01 | Pass |
|        |        | 6 | 0 | 20.28 | -1.29 | 18.99 | <=33.01 | Pass |
| 256QAM | 1850.7 | 1 | 0 | 18.27 | -1.29 | 16.98 | <=33.01 | Pass |
|        |        |   | 2 | 18.30 | -1.29 | 17.01 | <=33.01 | Pass |
|        |        |   | 5 | 18.24 | -1.29 | 16.95 | <=33.01 | Pass |
|        |        | 3 | 0 | 18.18 | -1.29 | 16.89 | <=33.01 | Pass |
|        |        |   | 2 | 18.14 | -1.29 | 16.85 | <=33.01 | Pass |
|        |        |   | 3 | 18.13 | -1.29 | 16.84 | <=33.01 | Pass |
|        |        | 6 | 0 | 18.25 | -1.29 | 16.96 | <=33.01 | Pass |
|        | 1882.5 | 1 | 0 | 18.00 | -1.29 | 16.71 | <=33.01 | Pass |
|        |        |   | 2 | 18.05 | -1.29 | 16.76 | <=33.01 | Pass |
|        |        |   | 5 | 18.03 | -1.29 | 16.74 | <=33.01 | Pass |
|        |        | 3 | 0 | 17.69 | -1.29 | 16.40 | <=33.01 | Pass |
|        |        |   | 2 | 17.71 | -1.29 | 16.42 | <=33.01 | Pass |
|        |        |   | 3 | 17.71 | -1.29 | 16.42 | <=33.01 | Pass |
|        |        | 6 | 0 | 17.67 | -1.29 | 16.38 | <=33.01 | Pass |
|        | 1914.3 | 1 | 0 | 17.82 | -1.29 | 16.53 | <=33.01 | Pass |
|        |        |   | 2 | 17.78 | -1.29 | 16.49 | <=33.01 | Pass |
|        |        |   | 5 | 17.82 | -1.29 | 16.53 | <=33.01 | Pass |
|        |        | 3 | 0 | 17.85 | -1.29 | 16.56 | <=33.01 | Pass |
|        |        |   | 2 | 17.84 | -1.29 | 16.55 | <=33.01 | Pass |
|        |        |   | 3 | 17.83 | -1.29 | 16.54 | <=33.01 | Pass |
|        |        | 6 | 0 | 18.04 | -1.29 | 16.75 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.2 B25\_3MHz\_EIRP

| Band: 25 / Bandwidth: 3MHz / NTV |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 1851.5          | 1             | 0      | 22.96                 | -1.29      | 21.67      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 22.95                 | -1.29      | 21.66      | <=33.01 | Pass    |
|                                  |                 |               | 14     | 22.81                 | -1.29      | 21.52      | <=33.01 | Pass    |
|                                  |                 | 8             | 0      | 22.19                 | -1.29      | 20.90      | <=33.01 | Pass    |
|                                  |                 |               | 4      | 22.14                 | -1.29      | 20.85      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 22.14                 | -1.29      | 20.85      | <=33.01 | Pass    |
|                                  |                 | 15            | 0      | 22.17                 | -1.29      | 20.88      | <=33.01 | Pass    |
|                                  | 1882.5          | 1             | 0      | 22.74                 | -1.29      | 21.45      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 22.84                 | -1.29      | 21.55      | <=33.01 | Pass    |
|                                  |                 |               | 14     | 22.82                 | -1.29      | 21.53      | <=33.01 | Pass    |
|                                  |                 | 8             | 0      | 21.77                 | -1.29      | 20.48      | <=33.01 | Pass    |
|                                  |                 |               | 4      | 21.72                 | -1.29      | 20.43      | <=33.01 | Pass    |
|                                  |                 |               | 7      | 21.76                 | -1.29      | 20.47      | <=33.01 | Pass    |
|                                  |                 | 15            | 0      | 21.73                 | -1.29      | 20.44      | <=33.01 | Pass    |
|                                  | 1913.5          | 1             | 0      | 22.89                 | -1.29      | 21.60      | <=33.01 | Pass    |

|        |        |    |    |       |       |       |         |      |
|--------|--------|----|----|-------|-------|-------|---------|------|
|        |        | 8  | 7  | 22.95 | -1.29 | 21.66 | <=33.01 | Pass |
|        |        |    | 14 | 22.98 | -1.29 | 21.69 | <=33.01 | Pass |
|        |        |    | 0  | 22.01 | -1.29 | 20.72 | <=33.01 | Pass |
|        |        |    | 4  | 21.98 | -1.29 | 20.69 | <=33.01 | Pass |
|        |        |    | 7  | 21.96 | -1.29 | 20.67 | <=33.01 | Pass |
|        |        | 15 | 0  | 22.01 | -1.29 | 20.72 | <=33.01 | Pass |
| 16QAM  | 1851.5 | 1  | 0  | 22.33 | -1.29 | 21.04 | <=33.01 | Pass |
|        |        |    | 7  | 22.27 | -1.29 | 20.98 | <=33.01 | Pass |
|        |        |    | 14 | 22.18 | -1.29 | 20.89 | <=33.01 | Pass |
|        |        | 8  | 0  | 21.17 | -1.29 | 19.88 | <=33.01 | Pass |
|        |        |    | 4  | 21.14 | -1.29 | 19.85 | <=33.01 | Pass |
|        |        |    | 7  | 21.13 | -1.29 | 19.84 | <=33.01 | Pass |
|        |        | 15 | 0  | 21.12 | -1.29 | 19.83 | <=33.01 | Pass |
|        | 1882.5 | 1  | 0  | 21.75 | -1.29 | 20.46 | <=33.01 | Pass |
|        |        |    | 7  | 21.81 | -1.29 | 20.52 | <=33.01 | Pass |
|        |        |    | 14 | 21.84 | -1.29 | 20.55 | <=33.01 | Pass |
|        |        | 8  | 0  | 20.85 | -1.29 | 19.56 | <=33.01 | Pass |
|        |        |    | 4  | 20.82 | -1.29 | 19.53 | <=33.01 | Pass |
|        |        |    | 7  | 20.84 | -1.29 | 19.55 | <=33.01 | Pass |
|        |        | 15 | 0  | 20.78 | -1.29 | 19.49 | <=33.01 | Pass |
|        | 1913.5 | 1  | 0  | 22.51 | -1.29 | 21.22 | <=33.01 | Pass |
|        |        |    | 7  | 22.41 | -1.29 | 21.12 | <=33.01 | Pass |
|        |        |    | 14 | 22.47 | -1.29 | 21.18 | <=33.01 | Pass |
|        |        | 8  | 0  | 21.19 | -1.29 | 19.90 | <=33.01 | Pass |
|        |        |    | 4  | 21.16 | -1.29 | 19.87 | <=33.01 | Pass |
|        |        |    | 7  | 21.14 | -1.29 | 19.85 | <=33.01 | Pass |
|        |        | 15 | 0  | 21.07 | -1.29 | 19.78 | <=33.01 | Pass |
| 64QAM  | 1851.5 | 1  | 0  | 21.33 | -1.29 | 20.04 | <=33.01 | Pass |
|        |        |    | 7  | 21.29 | -1.29 | 20.00 | <=33.01 | Pass |
|        |        |    | 14 | 21.23 | -1.29 | 19.94 | <=33.01 | Pass |
|        |        | 8  | 0  | 20.24 | -1.29 | 18.95 | <=33.01 | Pass |
|        |        |    | 4  | 20.21 | -1.29 | 18.92 | <=33.01 | Pass |
|        |        |    | 7  | 20.19 | -1.29 | 18.90 | <=33.01 | Pass |
|        |        | 15 | 0  | 20.18 | -1.29 | 18.89 | <=33.01 | Pass |
|        | 1882.5 | 1  | 0  | 20.90 | -1.29 | 19.61 | <=33.01 | Pass |
|        |        |    | 7  | 20.93 | -1.29 | 19.64 | <=33.01 | Pass |
|        |        |    | 14 | 20.93 | -1.29 | 19.64 | <=33.01 | Pass |
|        |        | 8  | 0  | 19.66 | -1.29 | 18.37 | <=33.01 | Pass |
|        |        |    | 4  | 19.63 | -1.29 | 18.34 | <=33.01 | Pass |
|        |        |    | 7  | 19.67 | -1.29 | 18.38 | <=33.01 | Pass |
|        |        | 15 | 0  | 19.79 | -1.29 | 18.50 | <=33.01 | Pass |
|        | 1913.5 | 1  | 0  | 21.36 | -1.29 | 20.07 | <=33.01 | Pass |
|        |        |    | 7  | 21.31 | -1.29 | 20.02 | <=33.01 | Pass |
|        |        |    | 14 | 21.19 | -1.29 | 19.90 | <=33.01 | Pass |
|        |        | 8  | 0  | 20.12 | -1.29 | 18.83 | <=33.01 | Pass |
|        |        |    | 4  | 20.06 | -1.29 | 18.77 | <=33.01 | Pass |
|        |        |    | 7  | 20.09 | -1.29 | 18.80 | <=33.01 | Pass |
|        |        | 15 | 0  | 19.97 | -1.29 | 18.68 | <=33.01 | Pass |
| 256QAM | 1851.5 | 1  | 0  | 18.00 | -1.29 | 16.71 | <=33.01 | Pass |
|        |        |    | 7  | 17.93 | -1.29 | 16.64 | <=33.01 | Pass |
|        |        |    | 14 | 17.84 | -1.29 | 16.55 | <=33.01 | Pass |
|        |        | 8  | 0  | 18.09 | -1.29 | 16.80 | <=33.01 | Pass |
|        |        |    | 4  | 18.07 | -1.29 | 16.78 | <=33.01 | Pass |
|        |        |    | 7  | 18.02 | -1.29 | 16.73 | <=33.01 | Pass |
|        |        | 15 | 0  | 18.22 | -1.29 | 16.93 | <=33.01 | Pass |
|        | 1882.5 | 1  | 0  | 17.70 | -1.29 | 16.41 | <=33.01 | Pass |
|        |        |    | 7  | 17.77 | -1.29 | 16.48 | <=33.01 | Pass |
|        |        |    | 14 | 17.80 | -1.29 | 16.51 | <=33.01 | Pass |
|        |        | 8  | 0  | 17.80 | -1.29 | 16.51 | <=33.01 | Pass |

|                                          |        |    |    |       |       |       |         |      |
|------------------------------------------|--------|----|----|-------|-------|-------|---------|------|
|                                          |        |    | 4  | 17.79 | -1.29 | 16.50 | <=33.01 | Pass |
|                                          |        |    | 7  | 17.80 | -1.29 | 16.51 | <=33.01 | Pass |
|                                          |        | 15 | 0  | 17.73 | -1.29 | 16.44 | <=33.01 | Pass |
|                                          | 1913.5 | 1  | 0  | 18.41 | -1.29 | 17.12 | <=33.01 | Pass |
|                                          |        |    | 7  | 18.34 | -1.29 | 17.05 | <=33.01 | Pass |
|                                          |        |    | 14 | 18.28 | -1.29 | 16.99 | <=33.01 | Pass |
|                                          |        | 8  | 0  | 18.07 | -1.29 | 16.78 | <=33.01 | Pass |
|                                          |        |    | 4  | 18.03 | -1.29 | 16.74 | <=33.01 | Pass |
|                                          |        |    | 7  | 18.04 | -1.29 | 16.75 | <=33.01 | Pass |
|                                          |        | 15 | 0  | 17.99 | -1.29 | 16.70 | <=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      | 23.18                 | -1.29      | 21.89      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.98                 | -1.29      | 21.69      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.87                 | -1.29      | 21.58      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.17                 | -1.29      | 20.88      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.13                 | -1.29      | 20.84      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.06                 | -1.29      | 20.77      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.15                 | -1.29      | 20.86      | <=33.01 | Pass    |
|                                   | 1882.5          | 1             | 0      | 22.77                 | -1.29      | 21.48      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.92                 | -1.29      | 21.63      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.00                 | -1.29      | 21.71      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.77                 | -1.29      | 20.48      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 21.78                 | -1.29      | 20.49      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.82                 | -1.29      | 20.53      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.83                 | -1.29      | 20.54      | <=33.01 | Pass    |
|                                   | 1912.5          | 1             | 0      | 22.98                 | -1.29      | 21.69      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.99                 | -1.29      | 21.70      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 23.06                 | -1.29      | 21.77      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 22.14                 | -1.29      | 20.85      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 22.08                 | -1.29      | 20.79      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.03                 | -1.29      | 20.74      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 22.12                 | -1.29      | 20.83      | <=33.01 | Pass    |
| 16QAM                             | 1852.5          | 1             | 0      | 22.04                 | -1.29      | 20.75      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.02                 | -1.29      | 20.73      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 21.88                 | -1.29      | 20.59      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.21                 | -1.29      | 19.92      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 21.16                 | -1.29      | 19.87      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 21.10                 | -1.29      | 19.81      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 21.17                 | -1.29      | 19.88      | <=33.01 | Pass    |
|                                   | 1882.5          | 1             | 0      | 21.96                 | -1.29      | 20.67      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.05                 | -1.29      | 20.76      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 22.11                 | -1.29      | 20.82      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 20.84                 | -1.29      | 19.55      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 20.85                 | -1.29      | 19.56      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 20.88                 | -1.29      | 19.59      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 20.79                 | -1.29      | 19.50      | <=33.01 | Pass    |
|                                   | 1912.5          | 1             | 0      | 22.23                 | -1.29      | 20.94      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 22.17                 | -1.29      | 20.88      | <=33.01 | Pass    |
|                                   |                 |               | 24     | 21.99                 | -1.29      | 20.70      | <=33.01 | Pass    |
|                                   |                 | 12            | 0      | 21.17                 | -1.29      | 19.88      | <=33.01 | Pass    |
|                                   |                 |               | 6      | 21.11                 | -1.29      | 19.82      | <=33.01 | Pass    |

|                                          |        |        |        |       |       |       |         |         |         |
|------------------------------------------|--------|--------|--------|-------|-------|-------|---------|---------|---------|
|                                          |        |        | 13     | 21.08 | -1.29 | 19.79 | <=33.01 | Pass    |         |
|                                          |        | 25     | 0      | 21.11 | -1.29 | 19.82 | <=33.01 | Pass    |         |
| 64QAM                                    | 1852.5 | 1      | 0      | 21.15 | -1.29 | 19.86 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 21.01 | -1.29 | 19.72 | <=33.01 | Pass    |         |
|                                          |        |        | 24     | 20.95 | -1.29 | 19.66 | <=33.01 | Pass    |         |
|                                          |        |        | 0      | 20.21 | -1.29 | 18.92 | <=33.01 | Pass    |         |
|                                          |        | 12     | 6      | 20.19 | -1.29 | 18.90 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 20.08 | -1.29 | 18.79 | <=33.01 | Pass    |         |
|                                          |        |        | 25     | 0     | 20.10 | -1.29 | 18.81   | <=33.01 | Pass    |
|                                          |        | 1882.5 | 1      | 0     | 21.03 | -1.29 | 19.74   | <=33.01 | Pass    |
|                                          |        |        |        | 13    | 21.14 | -1.29 | 19.85   | <=33.01 | Pass    |
|                                          |        |        |        | 24    | 21.21 | -1.29 | 19.92   | <=33.01 | Pass    |
|                                          | 0      |        |        | 19.72 | -1.29 | 18.43 | <=33.01 | Pass    |         |
|                                          | 12     |        | 6      | 19.73 | -1.29 | 18.44 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 19.75 | -1.29 | 18.46 | <=33.01 | Pass    |         |
|                                          |        |        | 25     | 0     | 19.73 | -1.29 | 18.44   | <=33.01 | Pass    |
|                                          | 1912.5 | 1      | 0      | 21.35 | -1.29 | 20.06 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 21.32 | -1.29 | 20.03 | <=33.01 | Pass    |         |
|                                          |        |        | 24     | 21.22 | -1.29 | 19.93 | <=33.01 | Pass    |         |
|                                          |        |        | 0      | 20.25 | -1.29 | 18.96 | <=33.01 | Pass    |         |
|                                          |        | 12     | 6      | 20.17 | -1.29 | 18.88 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 20.09 | -1.29 | 18.80 | <=33.01 | Pass    |         |
|                                          |        |        | 25     | 0     | 20.12 | -1.29 | 18.83   | <=33.01 | Pass    |
|                                          |        | 256QAM | 1852.5 | 1     | 0     | 17.93 | -1.29   | 16.64   | <=33.01 |
|                                          | 13     |        |        |       | 17.83 | -1.29 | 16.54   | <=33.01 | Pass    |
| 24                                       | 17.73  |        |        |       | -1.29 | 16.44 | <=33.01 | Pass    |         |
| 12                                       | 0      |        |        | 18.20 | -1.29 | 16.91 | <=33.01 | Pass    |         |
|                                          | 6      |        |        | 18.15 | -1.29 | 16.86 | <=33.01 | Pass    |         |
|                                          | 13     |        |        | 18.07 | -1.29 | 16.78 | <=33.01 | Pass    |         |
| 25                                       | 0      |        |        | 18.16 | -1.29 | 16.87 | <=33.01 | Pass    |         |
| 1882.5                                   | 1      |        | 0      | 17.88 | -1.29 | 16.59 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 17.96 | -1.29 | 16.67 | <=33.01 | Pass    |         |
|                                          |        |        | 24     | 18.05 | -1.29 | 16.76 | <=33.01 | Pass    |         |
|                                          |        |        | 0      | 17.78 | -1.29 | 16.49 | <=33.01 | Pass    |         |
|                                          | 12     |        | 6      | 17.79 | -1.29 | 16.50 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 17.84 | -1.29 | 16.55 | <=33.01 | Pass    |         |
|                                          |        |        | 25     | 0     | 17.77 | -1.29 | 16.48   | <=33.01 | Pass    |
| 1912.5                                   | 1      |        | 0      | 18.17 | -1.29 | 16.88 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 18.05 | -1.29 | 16.76 | <=33.01 | Pass    |         |
|                                          |        |        | 24     | 17.98 | -1.29 | 16.69 | <=33.01 | Pass    |         |
|                                          |        |        | 0      | 18.15 | -1.29 | 16.86 | <=33.01 | Pass    |         |
|                                          | 12     |        | 6      | 18.09 | -1.29 | 16.80 | <=33.01 | Pass    |         |
|                                          |        |        | 13     | 18.04 | -1.29 | 16.75 | <=33.01 | Pass    |         |
|                                          |        |        | 25     | 0     | 18.11 | -1.29 | 16.82   | <=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      | 23.15                 | -1.29      | 21.86      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.84                 | -1.29      | 21.55      | <=33.01 | Pass    |
|                                    |                 |               | 49     | 22.74                 | -1.29      | 21.45      | <=33.01 | Pass    |
|                                    |                 | 25            | 0      | 22.16                 | -1.29      | 20.87      | <=33.01 | Pass    |
|                                    |                 |               | 13     | 22.05                 | -1.29      | 20.76      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.99                 | -1.29      | 20.70      | <=33.01 | Pass    |

|        |       |        |       |         |       |         |         |         |         |
|--------|-------|--------|-------|---------|-------|---------|---------|---------|---------|
|        |       | 50     | 0     | 22.07   | -1.29 | 20.78   | <=33.01 | Pass    |         |
|        |       | 1882.5 | 1     | 0       | 22.71 | -1.29   | 21.42   | <=33.01 | Pass    |
|        |       |        |       | 25      | 22.85 | -1.29   | 21.56   | <=33.01 | Pass    |
|        |       |        |       | 49      | 23.02 | -1.29   | 21.73   | <=33.01 | Pass    |
|        |       |        |       | 0       | 21.73 | -1.29   | 20.44   | <=33.01 | Pass    |
|        |       |        | 25    | 13      | 21.78 | -1.29   | 20.49   | <=33.01 | Pass    |
|        |       |        |       | 25      | 21.87 | -1.29   | 20.58   | <=33.01 | Pass    |
|        |       | 50     | 0     | 21.83   | -1.29 | 20.54   | <=33.01 | Pass    |         |
|        |       | 1910   | 1     | 0       | 22.96 | -1.29   | 21.67   | <=33.01 | Pass    |
|        |       |        |       | 25      | 22.93 | -1.29   | 21.64   | <=33.01 | Pass    |
|        |       |        |       | 49      | 23.03 | -1.29   | 21.74   | <=33.01 | Pass    |
|        |       |        |       | 0       | 22.20 | -1.29   | 20.91   | <=33.01 | Pass    |
|        |       |        | 25    | 13      | 22.15 | -1.29   | 20.86   | <=33.01 | Pass    |
|        |       |        |       | 25      | 22.12 | -1.29   | 20.83   | <=33.01 | Pass    |
|        |       |        |       | 50      | 0     | 22.15   | -1.29   | 20.86   | <=33.01 |
|        |       |        | 16QAM | 1855    | 1     | 0       | 22.74   | -1.29   | 21.45   |
| 25     | 22.51 | -1.29  |       |         |       | 21.22   | <=33.01 | Pass    |         |
| 49     | 22.50 | -1.29  |       |         |       | 21.21   | <=33.01 | Pass    |         |
| 25     | 0     | 21.21  |       |         | -1.29 | 19.92   | <=33.01 | Pass    |         |
|        | 13    | 21.08  |       |         | -1.29 | 19.79   | <=33.01 | Pass    |         |
|        | 25    | 21.01  |       |         | -1.29 | 19.72   | <=33.01 | Pass    |         |
| 50     | 0     | 21.07  |       |         | -1.29 | 19.78   | <=33.01 | Pass    |         |
| 1882.5 | 1     | 0      |       |         | 21.85 | -1.29   | 20.56   | <=33.01 | Pass    |
|        |       | 25     |       | 21.94   | -1.29 | 20.65   | <=33.01 | Pass    |         |
|        |       | 49     |       | 22.13   | -1.29 | 20.84   | <=33.01 | Pass    |         |
|        | 25    | 0      |       | 20.74   | -1.29 | 19.45   | <=33.01 | Pass    |         |
|        |       | 13     |       | 20.78   | -1.29 | 19.49   | <=33.01 | Pass    |         |
|        |       | 25     |       | 20.87   | -1.29 | 19.58   | <=33.01 | Pass    |         |
|        | 50    | 0      |       | 20.81   | -1.29 | 19.52   | <=33.01 | Pass    |         |
| 1910   | 1     | 0      |       | 22.16   | -1.29 | 20.87   | <=33.01 | Pass    |         |
|        |       | 25     |       | 22.18   | -1.29 | 20.89   | <=33.01 | Pass    |         |
|        |       | 49     |       | 22.07   | -1.29 | 20.78   | <=33.01 | Pass    |         |
|        | 25    | 0      |       | 21.28   | -1.29 | 19.99   | <=33.01 | Pass    |         |
|        |       | 13     |       | 21.24   | -1.29 | 19.95   | <=33.01 | Pass    |         |
|        |       | 25     |       | 21.19   | -1.29 | 19.90   | <=33.01 | Pass    |         |
|        | 50    | 0      |       | 21.16   | -1.29 | 19.87   | <=33.01 | Pass    |         |
|        | 64QAM | 1855   |       | 1       | 0     | 21.54   | -1.29   | 20.25   | <=33.01 |
| 25     |       |        |       |         | 21.25 | -1.29   | 19.96   | <=33.01 | Pass    |
| 49     |       |        |       |         | 21.19 | -1.29   | 19.90   | <=33.01 | Pass    |
| 25     |       |        | 0     | 20.18   | -1.29 | 18.89   | <=33.01 | Pass    |         |
|        |       |        | 13    | 20.06   | -1.29 | 18.77   | <=33.01 | Pass    |         |
|        |       |        | 25    | 19.98   | -1.29 | 18.69   | <=33.01 | Pass    |         |
| 50     |       |        | 0     | 20.06   | -1.29 | 18.77   | <=33.01 | Pass    |         |
| 1882.5 |       | 1      | 0     | 20.86   | -1.29 | 19.57   | <=33.01 | Pass    |         |
|        |       |        | 25    | 20.93   | -1.29 | 19.64   | <=33.01 | Pass    |         |
|        |       |        | 49    | 21.14   | -1.29 | 19.85   | <=33.01 | Pass    |         |
|        |       | 25     | 0     | 19.78   | -1.29 | 18.49   | <=33.01 | Pass    |         |
|        |       |        | 13    | 19.83   | -1.29 | 18.54   | <=33.01 | Pass    |         |
|        |       |        | 25    | 19.90   | -1.29 | 18.61   | <=33.01 | Pass    |         |
|        |       | 50     | 0     | 19.82   | -1.29 | 18.53   | <=33.01 | Pass    |         |
| 1910   |       | 1      | 0     | 21.28   | -1.29 | 19.99   | <=33.01 | Pass    |         |
|        |       |        | 25    | 21.29   | -1.29 | 20.00   | <=33.01 | Pass    |         |
|        |       |        | 49    | 21.11   | -1.29 | 19.82   | <=33.01 | Pass    |         |
|        |       | 25     | 0     | 20.26   | -1.29 | 18.97   | <=33.01 | Pass    |         |
|        |       |        | 13    | 20.22   | -1.29 | 18.93   | <=33.01 | Pass    |         |
|        |       |        | 25    | 20.15   | -1.29 | 18.86   | <=33.01 | Pass    |         |
|        | 50    | 0      | 20.14 | -1.29   | 18.85 | <=33.01 | Pass    |         |         |
| 256QAM | 1855  | 1      | 0     | 18.68   | -1.29 | 17.39   | <=33.01 | Pass    |         |
| 25     | 18.41 | -1.29  | 17.12 | <=33.01 | Pass  |         |         |         |         |

|                                          |        |    |    |       |       |       |         |      |
|------------------------------------------|--------|----|----|-------|-------|-------|---------|------|
|                                          |        | 25 | 49 | 18.34 | -1.29 | 17.05 | <=33.01 | Pass |
|                                          |        |    | 0  | 18.19 | -1.29 | 16.90 | <=33.01 | Pass |
|                                          |        |    | 13 | 18.06 | -1.29 | 16.77 | <=33.01 | Pass |
|                                          |        |    | 25 | 17.97 | -1.29 | 16.68 | <=33.01 | Pass |
|                                          |        | 50 | 0  | 18.05 | -1.29 | 16.76 | <=33.01 | Pass |
|                                          | 1882.5 | 1  | 0  | 17.87 | -1.29 | 16.58 | <=33.01 | Pass |
|                                          |        |    | 25 | 17.55 | -1.29 | 16.26 | <=33.01 | Pass |
|                                          |        |    | 49 | 17.73 | -1.29 | 16.44 | <=33.01 | Pass |
|                                          |        | 25 | 0  | 17.75 | -1.29 | 16.46 | <=33.01 | Pass |
|                                          |        |    | 13 | 17.77 | -1.29 | 16.48 | <=33.01 | Pass |
|                                          |        |    | 25 | 17.86 | -1.29 | 16.57 | <=33.01 | Pass |
|                                          |        | 50 | 0  | 17.78 | -1.29 | 16.49 | <=33.01 | Pass |
|                                          | 1910   | 1  | 0  | 18.20 | -1.29 | 16.91 | <=33.01 | Pass |
|                                          |        |    | 25 | 18.19 | -1.29 | 16.90 | <=33.01 | Pass |
|                                          |        |    | 49 | 18.06 | -1.29 | 16.77 | <=33.01 | Pass |
|                                          |        | 25 | 0  | 18.25 | -1.29 | 16.96 | <=33.01 | Pass |
|                                          |        |    | 13 | 18.20 | -1.29 | 16.91 | <=33.01 | Pass |
|                                          |        |    | 25 | 18.14 | -1.29 | 16.85 | <=33.01 | Pass |
|                                          |        | 50 | 0  | 18.16 | -1.29 | 16.87 | <=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      | 23.09                 | -1.29      | 21.80      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 22.76                 | -1.29      | 21.47      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 22.71                 | -1.29      | 21.42      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 22.05                 | -1.29      | 20.76      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 21.95                 | -1.29      | 20.66      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 21.87                 | -1.29      | 20.58      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 21.98                 | -1.29      | 20.69      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 22.67                 | -1.29      | 21.38      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 22.94                 | -1.29      | 21.65      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 23.13                 | -1.29      | 21.84      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 21.74                 | -1.29      | 20.45      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 21.81                 | -1.29      | 20.52      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 21.90                 | -1.29      | 20.61      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 21.82                 | -1.29      | 20.53      | <=33.01 | Pass    |
|                                    | 1907.5          | 1             | 0      | 23.04                 | -1.29      | 21.75      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 22.96                 | -1.29      | 21.67      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 23.09                 | -1.29      | 21.80      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 22.10                 | -1.29      | 20.81      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 22.14                 | -1.29      | 20.85      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 22.12                 | -1.29      | 20.83      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 22.13                 | -1.29      | 20.84      | <=33.01 | Pass    |
| 16QAM                              | 1857.5          | 1             | 0      | 22.68                 | -1.29      | 21.39      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 22.48                 | -1.29      | 21.19      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 22.41                 | -1.29      | 21.12      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 21.09                 | -1.29      | 19.80      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 20.98                 | -1.29      | 19.69      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 20.91                 | -1.29      | 19.62      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 21.01                 | -1.29      | 19.72      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 21.81                 | -1.29      | 20.52      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 22.01                 | -1.29      | 20.72      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 22.17                 | -1.29      | 20.88      | <=33.01 | Pass    |

|                                          |        |       |       |       |         |         |         |      |
|------------------------------------------|--------|-------|-------|-------|---------|---------|---------|------|
|                                          |        | 36    | 0     | 20.73 | -1.29   | 19.44   | <=33.01 | Pass |
|                                          |        |       | 18    | 20.82 | -1.29   | 19.53   | <=33.01 | Pass |
|                                          |        |       | 39    | 20.93 | -1.29   | 19.64   | <=33.01 | Pass |
|                                          |        | 75    | 0     | 20.87 | -1.29   | 19.58   | <=33.01 | Pass |
|                                          | 1907.5 | 1     | 0     | 22.41 | -1.29   | 21.12   | <=33.01 | Pass |
|                                          |        |       | 38    | 22.51 | -1.29   | 21.22   | <=33.01 | Pass |
|                                          |        |       | 74    | 22.34 | -1.29   | 21.05   | <=33.01 | Pass |
|                                          |        | 36    | 0     | 21.11 | -1.29   | 19.82   | <=33.01 | Pass |
|                                          |        |       | 18    | 21.17 | -1.29   | 19.88   | <=33.01 | Pass |
|                                          |        |       | 39    | 21.14 | -1.29   | 19.85   | <=33.01 | Pass |
|                                          |        | 75    | 0     | 21.13 | -1.29   | 19.84   | <=33.01 | Pass |
|                                          |        |       |       |       |         |         |         |      |
| 64QAM                                    | 1857.5 | 1     | 0     | 21.50 | -1.29   | 20.21   | <=33.01 | Pass |
|                                          |        |       | 38    | 21.19 | -1.29   | 19.90   | <=33.01 | Pass |
|                                          |        |       | 74    | 21.15 | -1.29   | 19.86   | <=33.01 | Pass |
|                                          |        | 36    | 0     | 20.08 | -1.29   | 18.79   | <=33.01 | Pass |
|                                          |        |       | 18    | 19.97 | -1.29   | 18.68   | <=33.01 | Pass |
|                                          |        |       | 39    | 19.88 | -1.29   | 18.59   | <=33.01 | Pass |
|                                          |        | 75    | 0     | 20.00 | -1.29   | 18.71   | <=33.01 | Pass |
|                                          | 1882.5 | 1     | 0     | 20.84 | -1.29   | 19.55   | <=33.01 | Pass |
|                                          |        |       | 38    | 21.00 | -1.29   | 19.71   | <=33.01 | Pass |
|                                          |        |       | 74    | 21.18 | -1.29   | 19.89   | <=33.01 | Pass |
|                                          |        | 36    | 0     | 19.77 | -1.29   | 18.48   | <=33.01 | Pass |
|                                          |        |       | 18    | 19.86 | -1.29   | 18.57   | <=33.01 | Pass |
|                                          |        |       | 39    | 19.95 | -1.29   | 18.66   | <=33.01 | Pass |
|                                          |        | 75    | 0     | 19.84 | -1.29   | 18.55   | <=33.01 | Pass |
|                                          | 1907.5 | 1     | 0     | 21.60 | -1.29   | 20.31   | <=33.01 | Pass |
|                                          |        |       | 38    | 21.73 | -1.29   | 20.44   | <=33.01 | Pass |
|                                          |        |       | 74    | 21.61 | -1.29   | 20.32   | <=33.01 | Pass |
|                                          |        | 36    | 0     | 20.12 | -1.29   | 18.83   | <=33.01 | Pass |
|                                          |        |       | 18    | 20.19 | -1.29   | 18.90   | <=33.01 | Pass |
|                                          |        |       | 39    | 20.15 | -1.29   | 18.86   | <=33.01 | Pass |
|                                          |        | 75    | 0     | 20.19 | -1.29   | 18.90   | <=33.01 | Pass |
|                                          |        |       |       |       |         |         |         |      |
| 256QAM                                   | 1857.5 | 1     | 0     | 18.60 | -1.29   | 17.31   | <=33.01 | Pass |
|                                          |        |       | 38    | 18.34 | -1.29   | 17.05   | <=33.01 | Pass |
|                                          |        |       | 74    | 18.29 | -1.29   | 17.00   | <=33.01 | Pass |
|                                          |        | 36    | 0     | 18.06 | -1.29   | 16.77   | <=33.01 | Pass |
|                                          |        |       | 18    | 17.95 | -1.29   | 16.66   | <=33.01 | Pass |
|                                          |        |       | 39    | 17.88 | -1.29   | 16.59   | <=33.01 | Pass |
|                                          |        | 75    | 0     | 18.01 | -1.29   | 16.72   | <=33.01 | Pass |
|                                          | 1882.5 | 1     | 0     | 17.83 | -1.29   | 16.54   | <=33.01 | Pass |
|                                          |        |       | 38    | 17.61 | -1.29   | 16.32   | <=33.01 | Pass |
|                                          |        |       | 74    | 17.79 | -1.29   | 16.50   | <=33.01 | Pass |
|                                          |        | 36    | 0     | 17.68 | -1.29   | 16.39   | <=33.01 | Pass |
|                                          |        |       | 18    | 17.78 | -1.29   | 16.49   | <=33.01 | Pass |
|                                          |        |       | 39    | 17.87 | -1.29   | 16.58   | <=33.01 | Pass |
|                                          | 75     | 0     | 17.78 | -1.29 | 16.49   | <=33.01 | Pass    |      |
|                                          | 1907.5 | 1     | 0     | 18.35 | -1.29   | 17.06   | <=33.01 | Pass |
|                                          |        |       | 38    | 18.45 | -1.29   | 17.16   | <=33.01 | Pass |
|                                          |        |       | 74    | 18.29 | -1.29   | 17.00   | <=33.01 | Pass |
|                                          |        | 36    | 0     | 18.07 | -1.29   | 16.78   | <=33.01 | Pass |
|                                          |        |       | 18    | 18.12 | -1.29   | 16.83   | <=33.01 | Pass |
| 39                                       |        |       | 18.09 | -1.29 | 16.80   | <=33.01 | Pass    |      |
| 75                                       | 0      | 18.13 | -1.29 | 16.84 | <=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      | 23.04                 | -1.29      | 21.75      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.72                 | -1.29      | 21.43      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 22.76                 | -1.29      | 21.47      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.05                 | -1.29      | 20.76      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.95                 | -1.29      | 20.66      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.83                 | -1.29      | 20.54      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 21.98                 | -1.29      | 20.69      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 22.62                 | -1.29      | 21.33      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.99                 | -1.29      | 21.70      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 23.23                 | -1.29      | 21.94      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.73                 | -1.29      | 20.44      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.87                 | -1.29      | 20.58      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.97                 | -1.29      | 20.68      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 21.81                 | -1.29      | 20.52      | <=33.01 | Pass    |
|                                    | 1905            | 1             | 0      | 23.12                 | -1.29      | 21.83      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 23.06                 | -1.29      | 21.77      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 23.05                 | -1.29      | 21.76      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 22.16                 | -1.29      | 20.87      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 22.22                 | -1.29      | 20.93      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.14                 | -1.29      | 20.85      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 22.13                 | -1.29      | 20.84      | <=33.01 | Pass    |
| 16QAM                              | 1860            | 1             | 0      | 22.43                 | -1.29      | 21.14      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.17                 | -1.29      | 20.88      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 22.09                 | -1.29      | 20.80      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.06                 | -1.29      | 19.77      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 20.96                 | -1.29      | 19.67      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 20.83                 | -1.29      | 19.54      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 20.97                 | -1.29      | 19.68      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 21.85                 | -1.29      | 20.56      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.08                 | -1.29      | 20.79      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 22.29                 | -1.29      | 21.00      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 20.73                 | -1.29      | 19.44      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 20.85                 | -1.29      | 19.56      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 20.94                 | -1.29      | 19.65      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 20.83                 | -1.29      | 19.54      | <=33.01 | Pass    |
|                                    | 1905            | 1             | 0      | 22.70                 | -1.29      | 21.41      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 22.70                 | -1.29      | 21.41      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 22.51                 | -1.29      | 21.22      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 21.11                 | -1.29      | 19.82      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 21.20                 | -1.29      | 19.91      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.15                 | -1.29      | 19.86      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 21.13                 | -1.29      | 19.84      | <=33.01 | Pass    |
| 64QAM                              | 1860            | 1             | 0      | 21.52                 | -1.29      | 20.23      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.27                 | -1.29      | 19.98      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 21.21                 | -1.29      | 19.92      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 20.10                 | -1.29      | 18.81      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 20.00                 | -1.29      | 18.71      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 19.90                 | -1.29      | 18.61      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 19.99                 | -1.29      | 18.70      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 0      | 21.30                 | -1.29      | 20.01      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 21.46                 | -1.29      | 20.17      | <=33.01 | Pass    |
|                                    |                 |               | 99     | 21.70                 | -1.29      | 20.41      | <=33.01 | Pass    |
|                                    |                 | 50            | 0      | 19.76                 | -1.29      | 18.47      | <=33.01 | Pass    |
|                                    |                 |               | 25     | 19.86                 | -1.29      | 18.57      | <=33.01 | Pass    |
|                                    |                 |               | 50     | 19.96                 | -1.29      | 18.67      | <=33.01 | Pass    |
|                                    |                 | 100           | 0      | 19.79                 | -1.29      | 18.50      | <=33.01 | Pass    |

|                                          |       |        |      |       |       |       |         |         |         |      |
|------------------------------------------|-------|--------|------|-------|-------|-------|---------|---------|---------|------|
|                                          | 1905  | 1      | 0    | 21.29 | -1.29 | 20.00 | <=33.01 | Pass    |         |      |
|                                          |       |        | 50   | 21.38 | -1.29 | 20.09 | <=33.01 | Pass    |         |      |
|                                          |       |        | 99   | 21.18 | -1.29 | 19.89 | <=33.01 | Pass    |         |      |
|                                          |       | 50     | 0    | 20.13 | -1.29 | 18.84 | <=33.01 | Pass    |         |      |
|                                          |       |        | 25   | 20.19 | -1.29 | 18.90 | <=33.01 | Pass    |         |      |
|                                          |       |        | 50   | 20.12 | -1.29 | 18.83 | <=33.01 | Pass    |         |      |
|                                          |       | 100    | 0    | 20.13 | -1.29 | 18.84 | <=33.01 | Pass    |         |      |
|                                          |       | 256QAM | 1860 | 1     | 0     | 18.39 | -1.29   | 17.10   | <=33.01 | Pass |
|                                          |       |        |      |       | 50    | 18.12 | -1.29   | 16.83   | <=33.01 | Pass |
| 99                                       | 18.01 |        |      |       | -1.29 | 16.72 | <=33.01 | Pass    |         |      |
| 50                                       | 0     |        |      | 18.01 | -1.29 | 16.72 | <=33.01 | Pass    |         |      |
|                                          | 25    |        |      | 17.92 | -1.29 | 16.63 | <=33.01 | Pass    |         |      |
|                                          | 50    |        |      | 17.83 | -1.29 | 16.54 | <=33.01 | Pass    |         |      |
| 100                                      | 0     |        |      | 17.92 | -1.29 | 16.63 | <=33.01 | Pass    |         |      |
| 1882.5                                   | 1     |        |      | 0     | 17.81 | -1.29 | 16.52   | <=33.01 | Pass    |      |
|                                          |       |        |      | 50    | 18.03 | -1.29 | 16.74   | <=33.01 | Pass    |      |
|                                          |       |        | 99   | 18.25 | -1.29 | 16.96 | <=33.01 | Pass    |         |      |
|                                          | 50    |        | 0    | 17.70 | -1.29 | 16.41 | <=33.01 | Pass    |         |      |
|                                          |       |        | 25   | 17.81 | -1.29 | 16.52 | <=33.01 | Pass    |         |      |
|                                          |       |        | 50   | 17.91 | -1.29 | 16.62 | <=33.01 | Pass    |         |      |
|                                          | 100   |        | 0    | 17.76 | -1.29 | 16.47 | <=33.01 | Pass    |         |      |
|                                          | 1905  |        | 1    | 0     | 17.97 | -1.29 | 16.68   | <=33.01 | Pass    |      |
|                                          |       |        |      | 50    | 18.09 | -1.29 | 16.80   | <=33.01 | Pass    |      |
| 99                                       |       |        |      | 17.93 | -1.29 | 16.64 | <=33.01 | Pass    |         |      |
| 50                                       |       |        | 0    | 18.14 | -1.29 | 16.85 | <=33.01 | Pass    |         |      |
|                                          |       |        | 25   | 18.19 | -1.29 | 16.90 | <=33.01 | Pass    |         |      |
|                                          |       |        | 50   | 18.10 | -1.29 | 16.81 | <=33.01 | Pass    |         |      |
| 100                                      |       |        | 0    | 18.10 | -1.29 | 16.81 | <=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 | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |         |                  | Result                | Limit       |         |
| QPSK                        | 1882.5          | 50            | 0      | 20         | LV      | -3.873           | -0.0021               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | NV      | 2.618            | 0.0014                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | HV      | -4.807           | -0.0026               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | NV      | 1.312            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | NV      | -0.870           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | NV      | -2.640           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | NV      | 1.006            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | NV      | -1.540           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | NV      | -2.607           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | NV      | -3.375           | -0.0018               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | NV      | -1.560           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            |         |                  |                       |             |         |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band25\_OBW

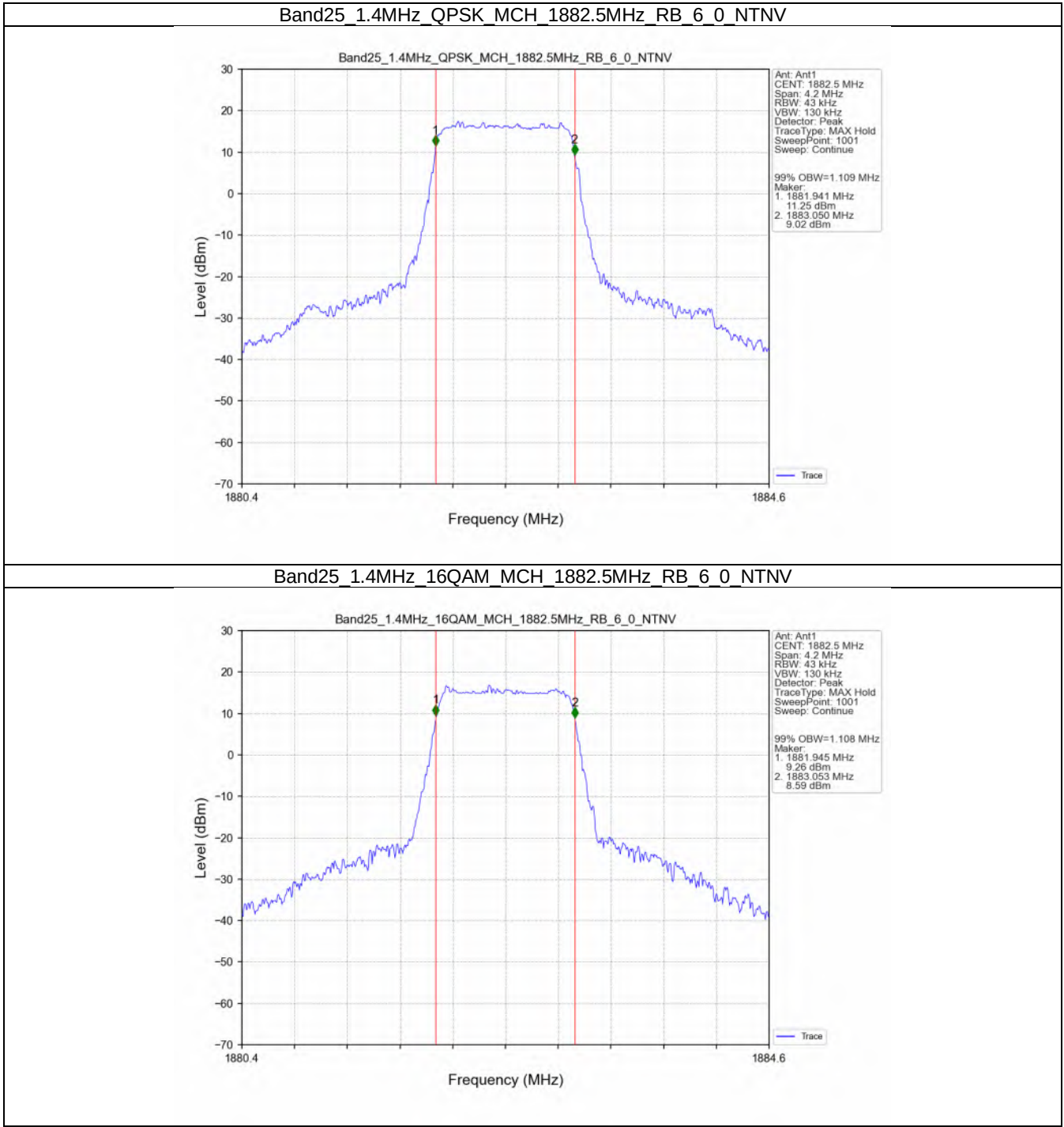
| Band: 25 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1882.5          | 6             | 0      | 1.109                        | /     | Pass    |
|                 | 16QAM      | 1882.5          | 6             | 0      | 1.108                        | /     | Pass    |
|                 | 64QAM      | 1882.5          | 6             | 0      | 1.111                        | /     | Pass    |
|                 | 256QAM     | 1882.5          | 6             | 0      | 1.114                        | /     | Pass    |
| 3               | QPSK       | 1882.5          | 15            | 0      | 2.736                        | /     | Pass    |
|                 | 16QAM      | 1882.5          | 15            | 0      | 2.731                        | /     | Pass    |
|                 | 64QAM      | 1882.5          | 15            | 0      | 2.735                        | /     | Pass    |
|                 | 256QAM     | 1882.5          | 15            | 0      | 2.731                        | /     | Pass    |
| 5               | QPSK       | 1882.5          | 25            | 0      | 4.565                        | /     | Pass    |
|                 | 16QAM      | 1882.5          | 25            | 0      | 4.545                        | /     | Pass    |
|                 | 64QAM      | 1882.5          | 25            | 0      | 4.548                        | /     | Pass    |
|                 | 256QAM     | 1882.5          | 25            | 0      | 4.567                        | /     | Pass    |
| 10              | QPSK       | 1882.5          | 50            | 0      | 9.068                        | /     | Pass    |
|                 | 16QAM      | 1882.5          | 50            | 0      | 9.076                        | /     | Pass    |
|                 | 64QAM      | 1882.5          | 50            | 0      | 9.032                        | /     | Pass    |
|                 | 256QAM     | 1882.5          | 50            | 0      | 9.036                        | /     | Pass    |
| 15              | QPSK       | 1882.5          | 75            | 0      | 13.555                       | /     | Pass    |
|                 | 16QAM      | 1882.5          | 75            | 0      | 13.593                       | /     | Pass    |
|                 | 64QAM      | 1882.5          | 75            | 0      | 13.563                       | /     | Pass    |
|                 | 256QAM     | 1882.5          | 75            | 0      | 13.556                       | /     | Pass    |
| 20              | QPSK       | 1882.5          | 100           | 0      | 18.099                       | /     | Pass    |
|                 | 16QAM      | 1882.5          | 100           | 0      | 18.154                       | /     | Pass    |
|                 | 64QAM      | 1882.5          | 100           | 0      | 18.071                       | /     | Pass    |
|                 | 256QAM     | 1882.5          | 100           | 0      | 18.076                       | /     | Pass    |

### 3.1.2 Band25\_XDB

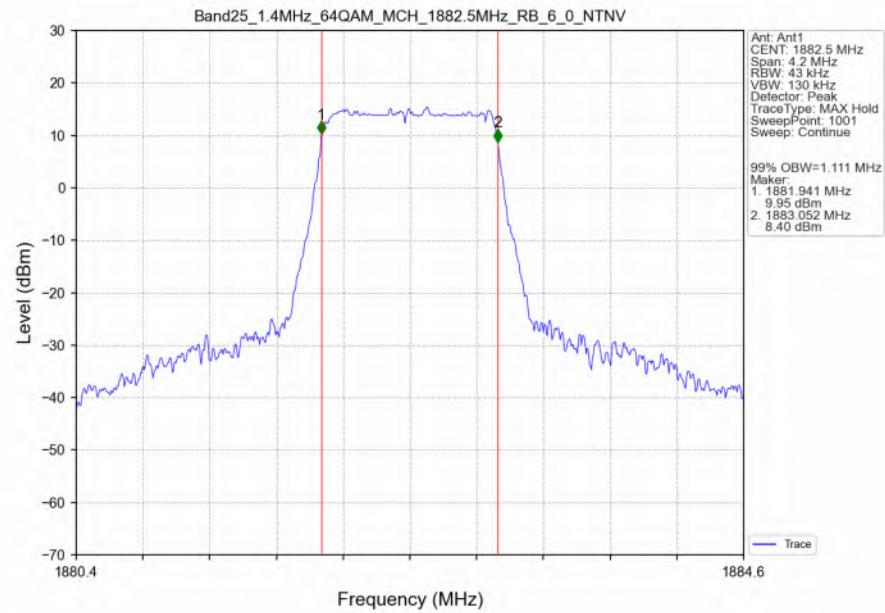
| Band: 25 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1882.5          | 6             | 0      | 1.312                | /     | Pass    |
|                 | 16QAM      | 1882.5          | 6             | 0      | 1.324                | /     | Pass    |
|                 | 64QAM      | 1882.5          | 6             | 0      | 1.325                | /     | Pass    |
|                 | 256QAM     | 1882.5          | 6             | 0      | 1.338                | /     | Pass    |
| 3               | QPSK       | 1882.5          | 15            | 0      | 3.005                | /     | Pass    |
|                 | 16QAM      | 1882.5          | 15            | 0      | 3.016                | /     | Pass    |
|                 | 64QAM      | 1882.5          | 15            | 0      | 3.040                | /     | Pass    |
|                 | 256QAM     | 1882.5          | 15            | 0      | 3.017                | /     | Pass    |
| 5               | QPSK       | 1882.5          | 25            | 0      | 5.056                | /     | Pass    |
|                 | 16QAM      | 1882.5          | 25            | 0      | 5.062                | /     | Pass    |
|                 | 64QAM      | 1882.5          | 25            | 0      | 5.067                | /     | Pass    |
|                 | 256QAM     | 1882.5          | 25            | 0      | 5.075                | /     | Pass    |
| 10              | QPSK       | 1882.5          | 50            | 0      | 10.019               | /     | Pass    |
|                 | 16QAM      | 1882.5          | 50            | 0      | 9.912                | /     | Pass    |
|                 | 64QAM      | 1882.5          | 50            | 0      | 9.985                | /     | Pass    |
|                 | 256QAM     | 1882.5          | 50            | 0      | 9.931                | /     | Pass    |
| 15              | QPSK       | 1882.5          | 75            | 0      | 14.795               | /     | Pass    |
|                 | 16QAM      | 1882.5          | 75            | 0      | 15.013               | /     | Pass    |
|                 | 64QAM      | 1882.5          | 75            | 0      | 15.041               | /     | Pass    |
|                 | 256QAM     | 1882.5          | 75            | 0      | 15.021               | /     | Pass    |
| 20              | QPSK       | 1882.5          | 100           | 0      | 19.724               | /     | Pass    |
|                 | 16QAM      | 1882.5          | 100           | 0      | 19.702               | /     | Pass    |
|                 | 64QAM      | 1882.5          | 100           | 0      | 19.792               | /     | Pass    |
|                 | 256QAM     | 1882.5          | 100           | 0      | 19.732               | /     | Pass    |

### 3.2 Test Graph

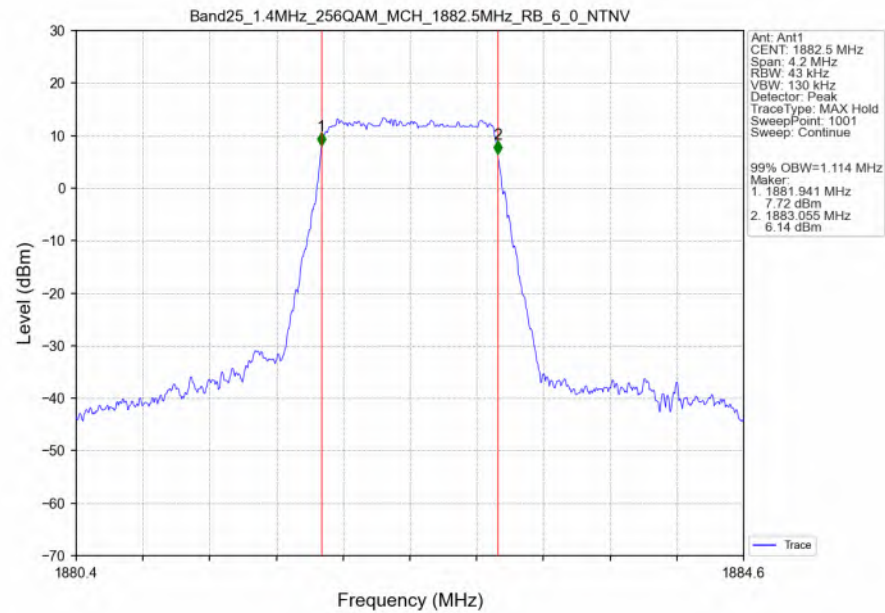
#### 3.2.1 Band25\_OBW



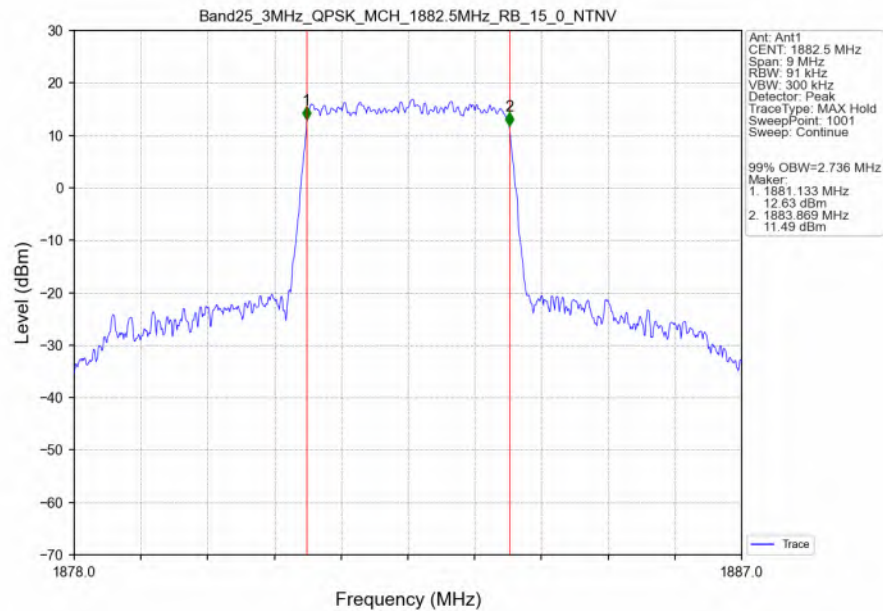
Band25 1.4MHz 64QAM MCH 1882.5MHz RB 6 0 NTV



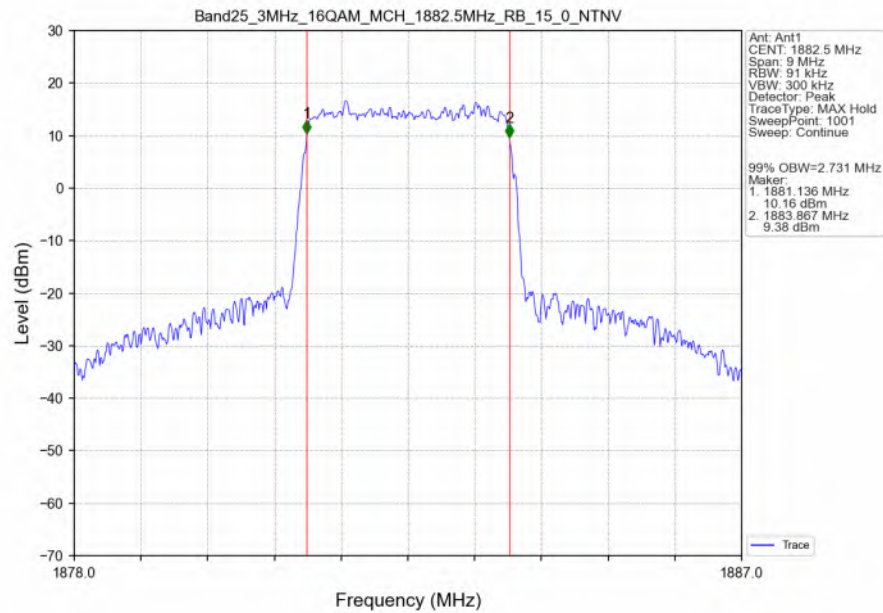
Band25 1.4MHz 256QAM MCH 1882.5MHz RB 6 0 NTV



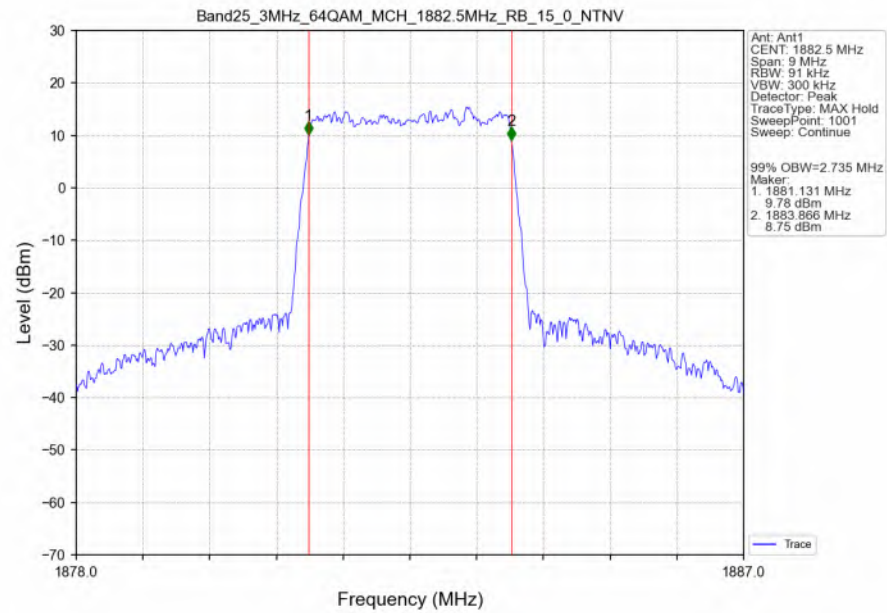
Band25 3MHz QPSK MCH 1882.5MHz RB 15 0 NTV



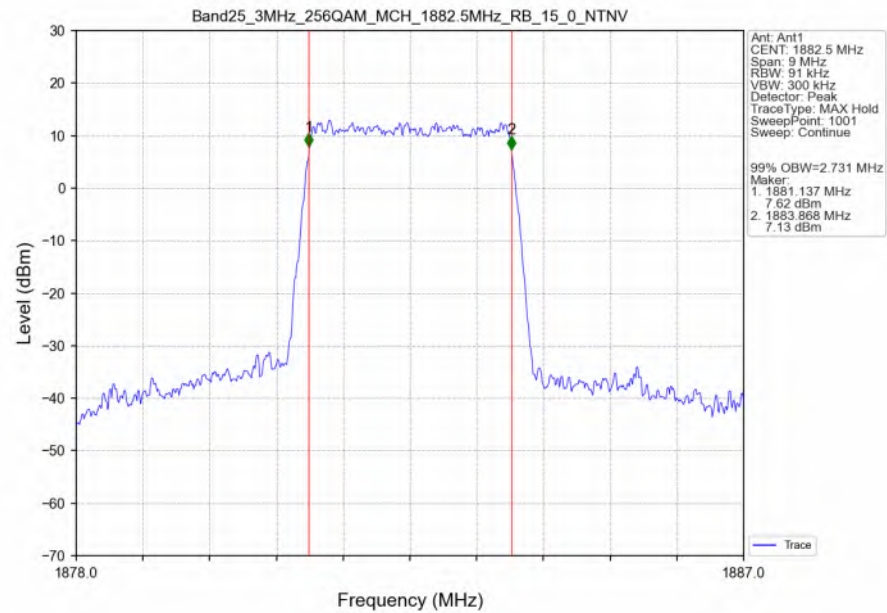
Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTV



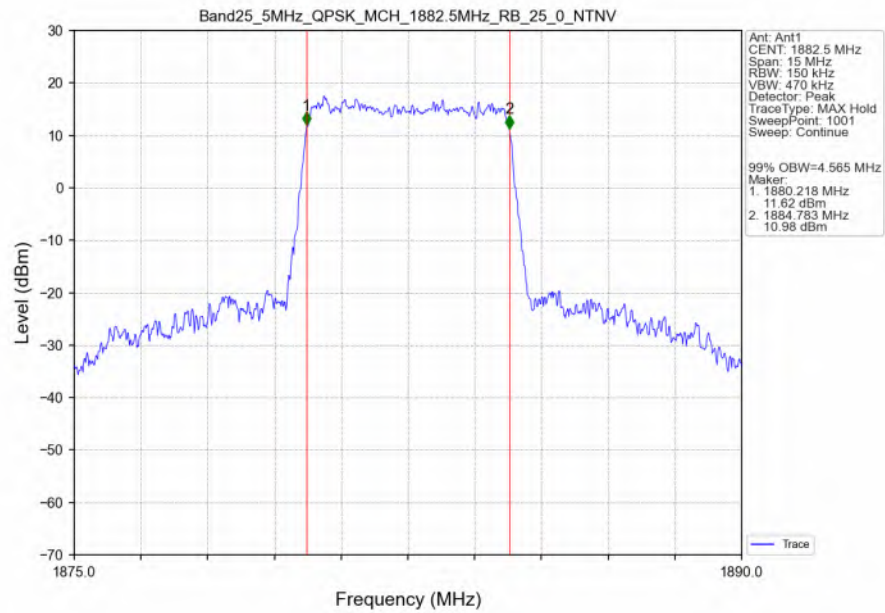
# Band25 3MHz 64QAM MCH 1882.5MHz RB 15 0 NTNV



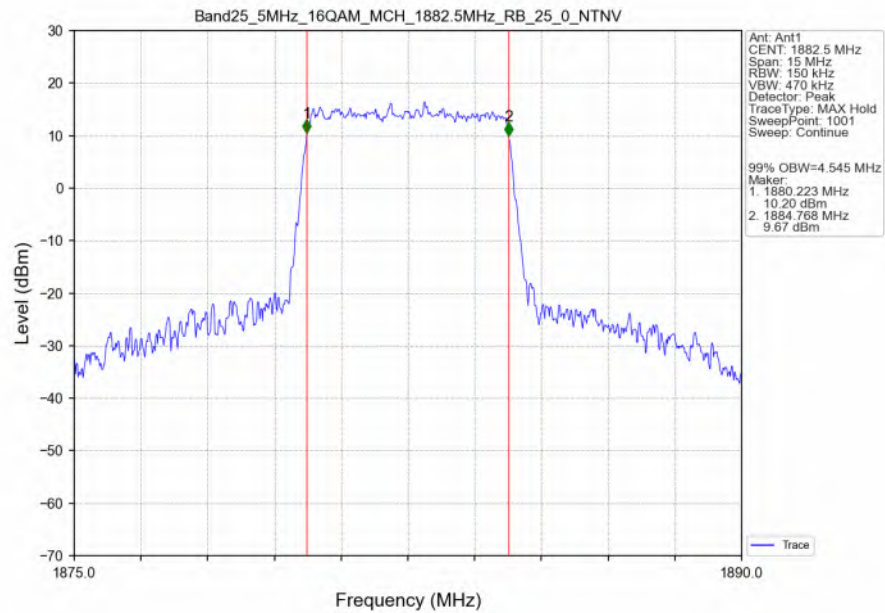
# Band25 3MHz 256QAM MCH 1882.5MHz RB 15 0 NTNV



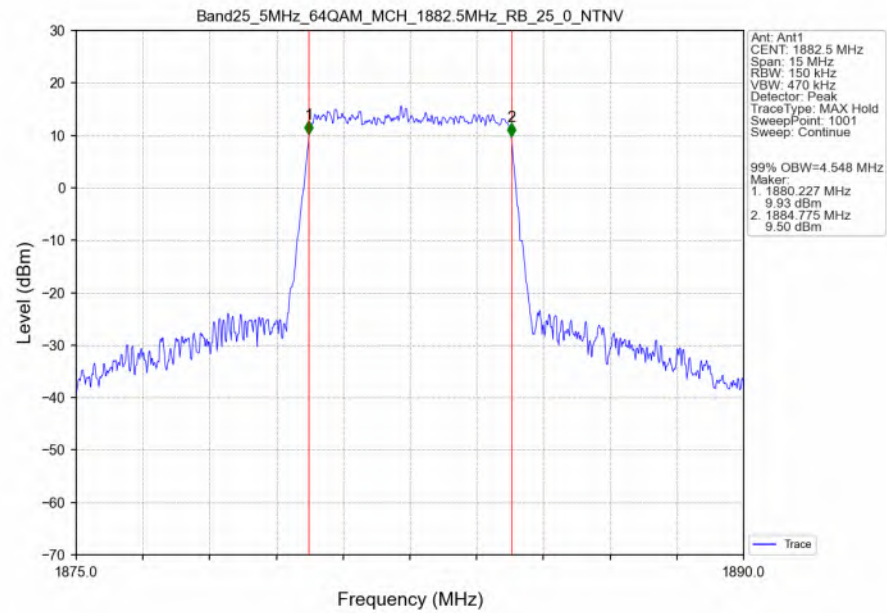
# Band25 5MHz QPSK MCH 1882.5MHz RB 25 0 NTV



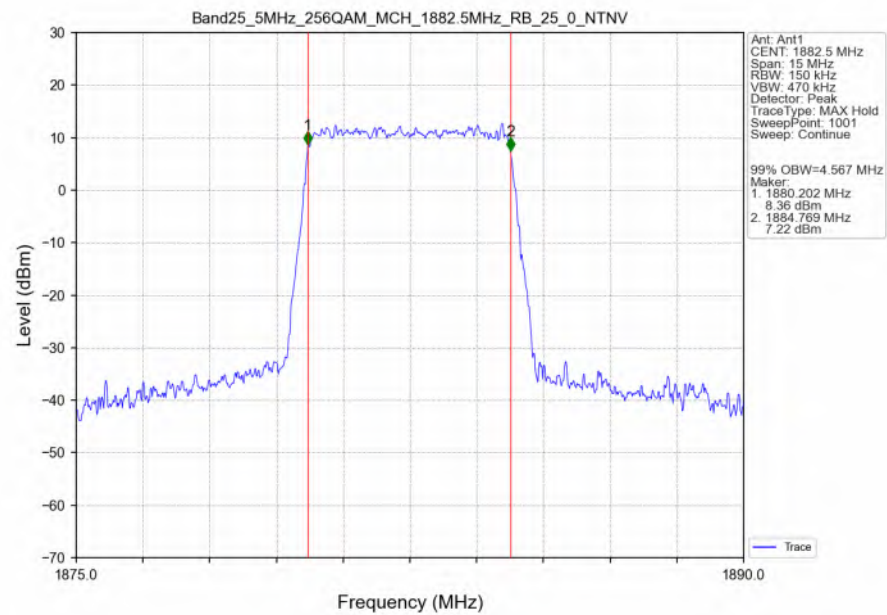
# Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTV



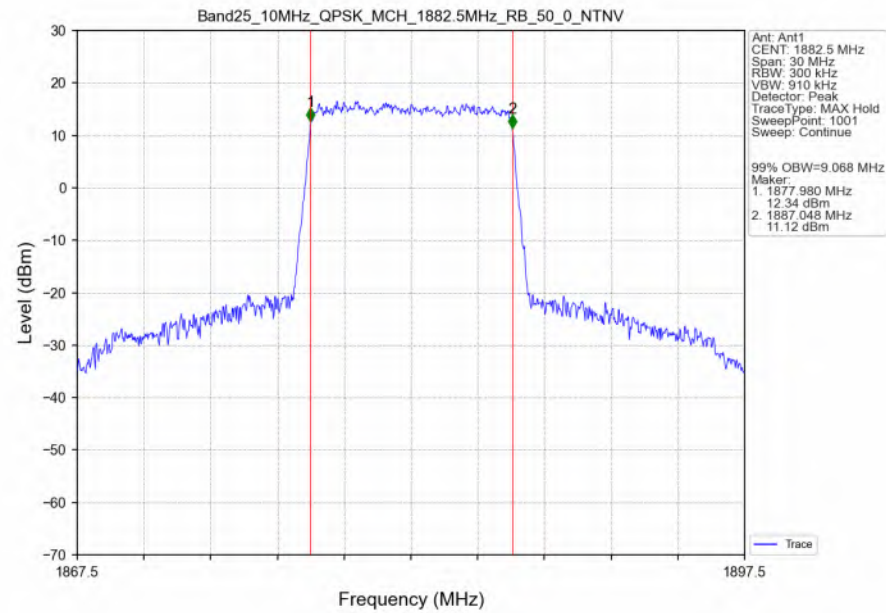
Band25 5MHz 64QAM MCH 1882.5MHz RB 25 0 NTV



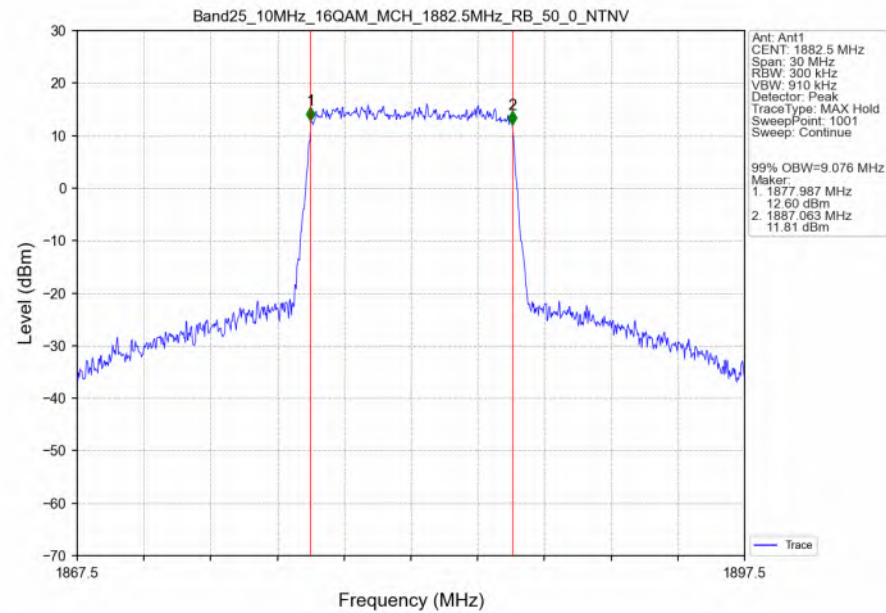
Band25 5MHz 256QAM MCH 1882.5MHz RB 25 0 NTV



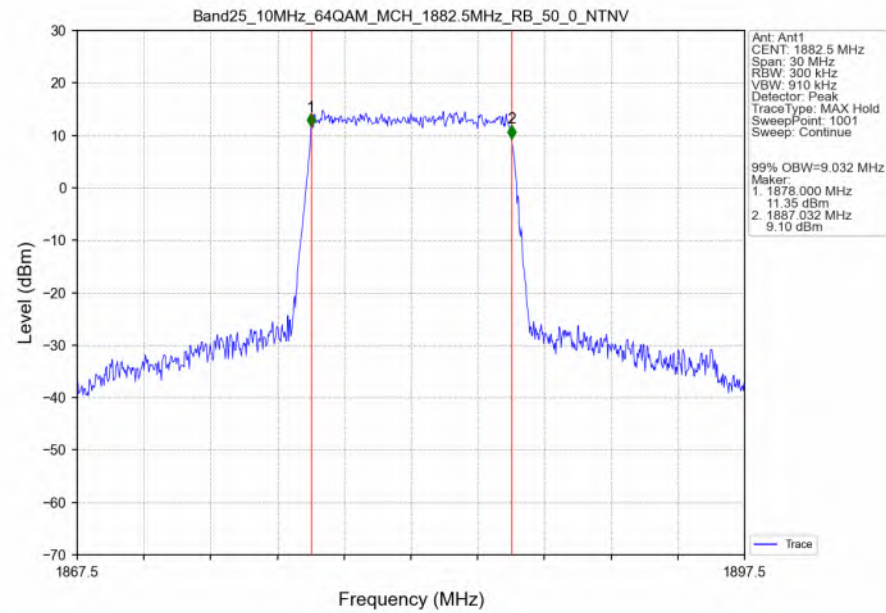
# Band25 10MHz QPSK MCH 1882.5MHz RB 50 0 NTV



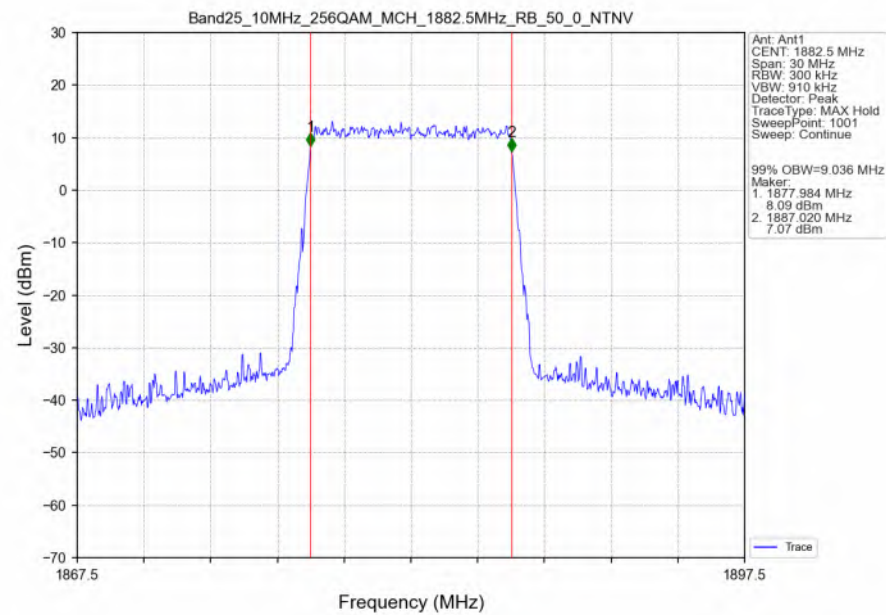
# Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTV



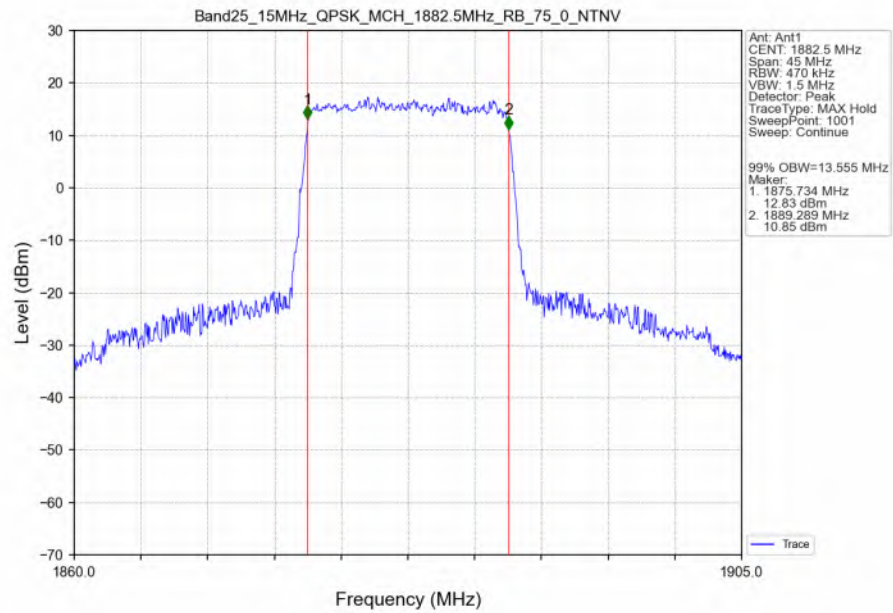
# Band25 10MHz 64QAM MCH 1882.5MHz RB 50 0 NTV



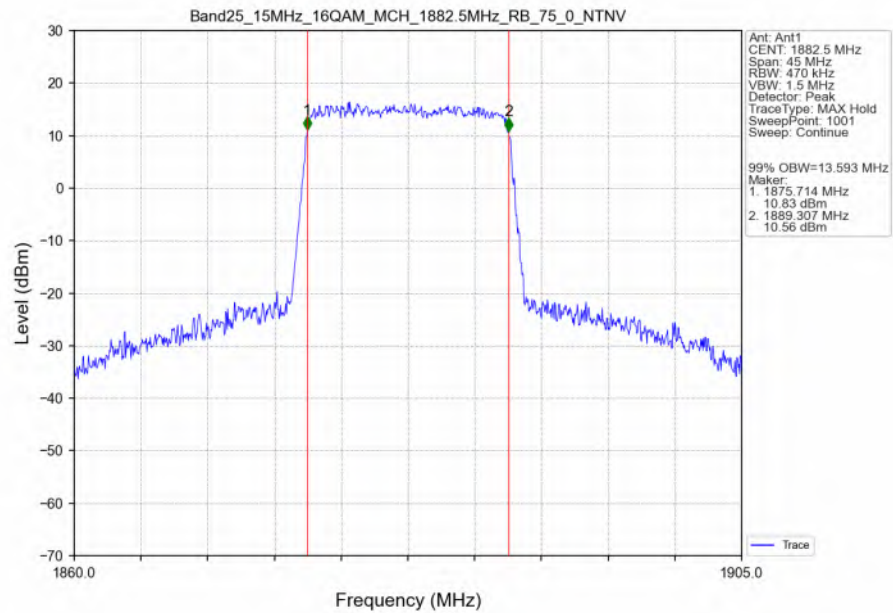
# Band25 10MHz 256QAM MCH 1882.5MHz RB 50 0 NTV



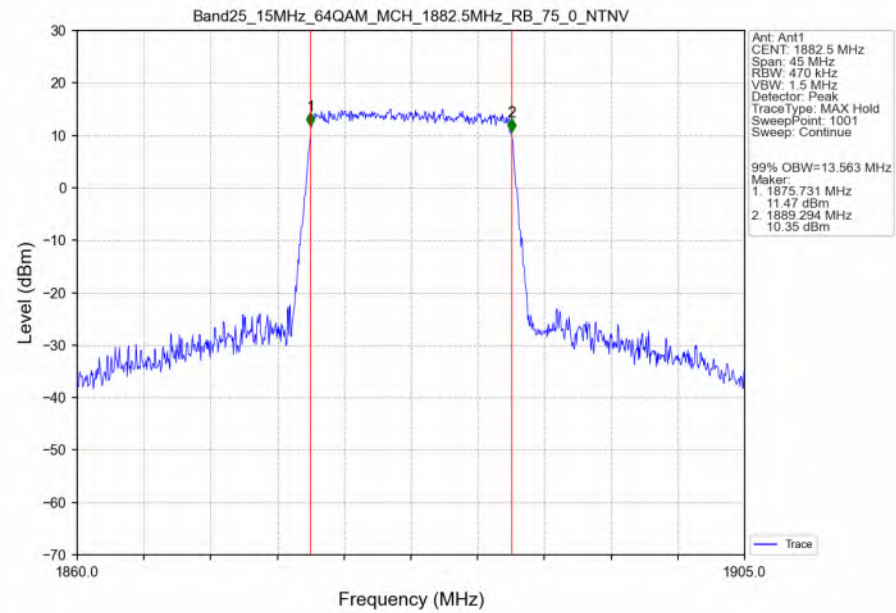
# Band25 15MHz QPSK MCH 1882.5MHz RB 75 0 NTN



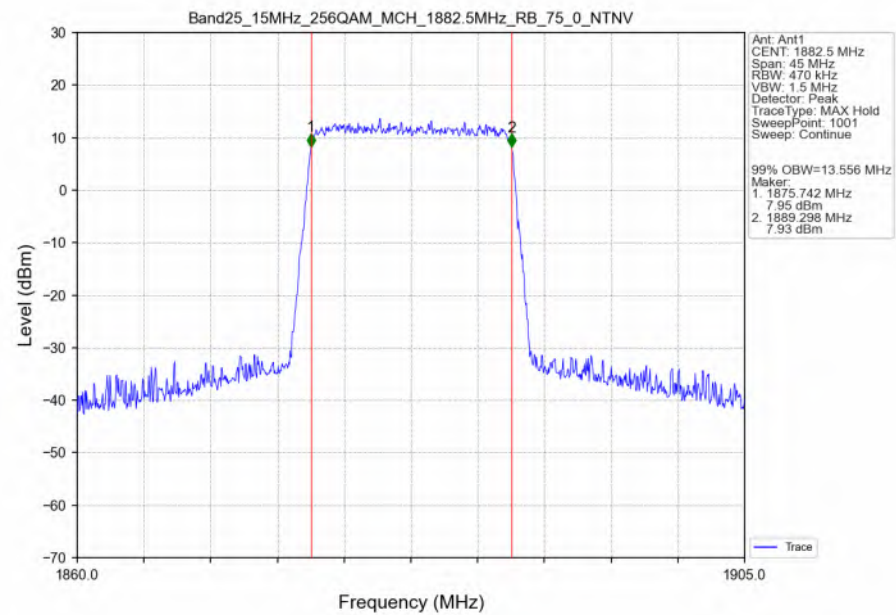
# Band25 15MHz 16QAM MCH 1882.5MHz RB 75 0 NTN



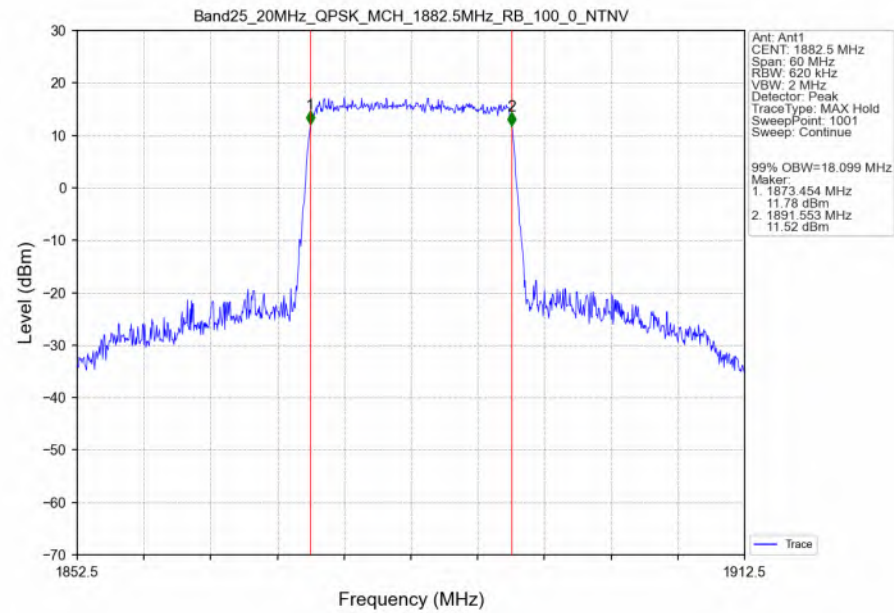
Band25 15MHz 64QAM MCH 1882.5MHz RB 75 0 NTNV



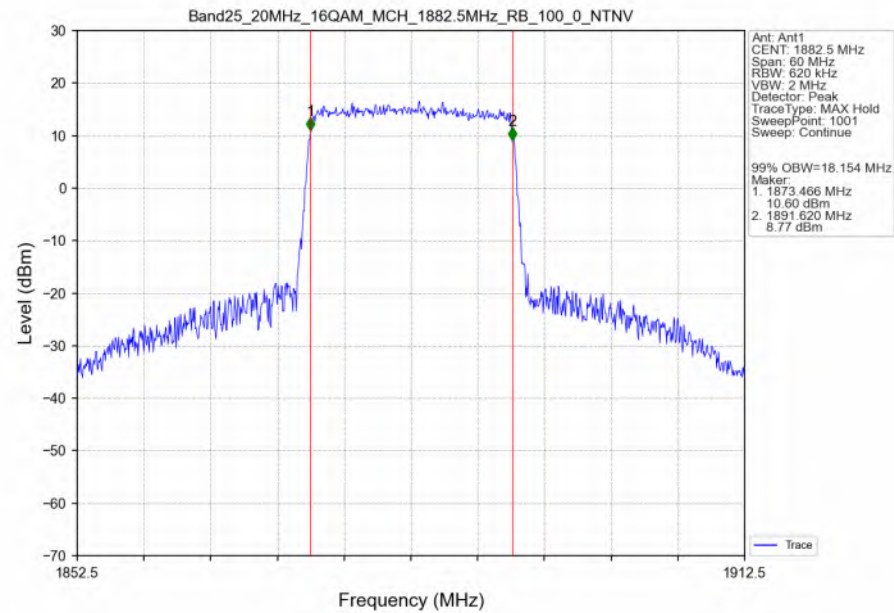
Band25 15MHz 256QAM MCH 1882.5MHz RB 75 0 NTNV



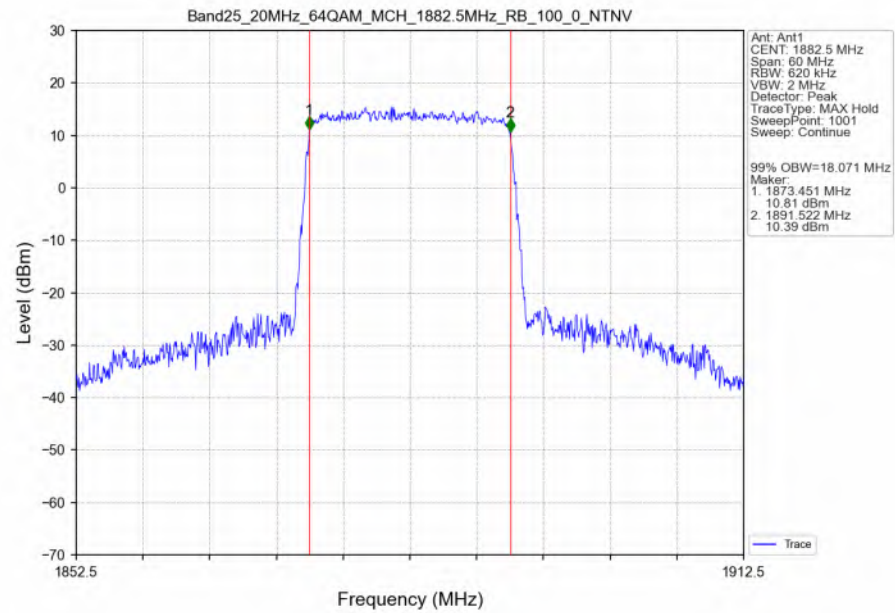
# Band25 20MHz QPSK MCH 1882.5MHz RB 100 0 NTNV



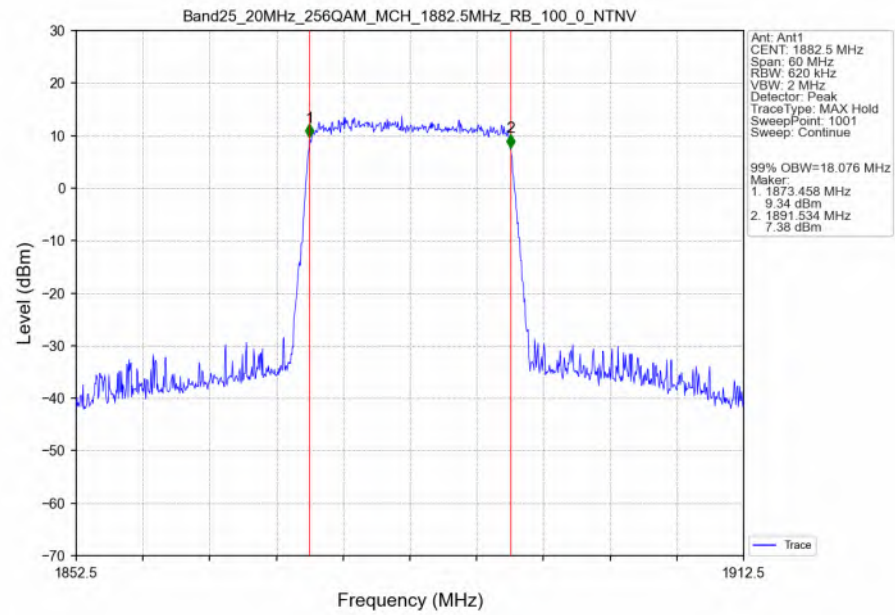
# Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTNV



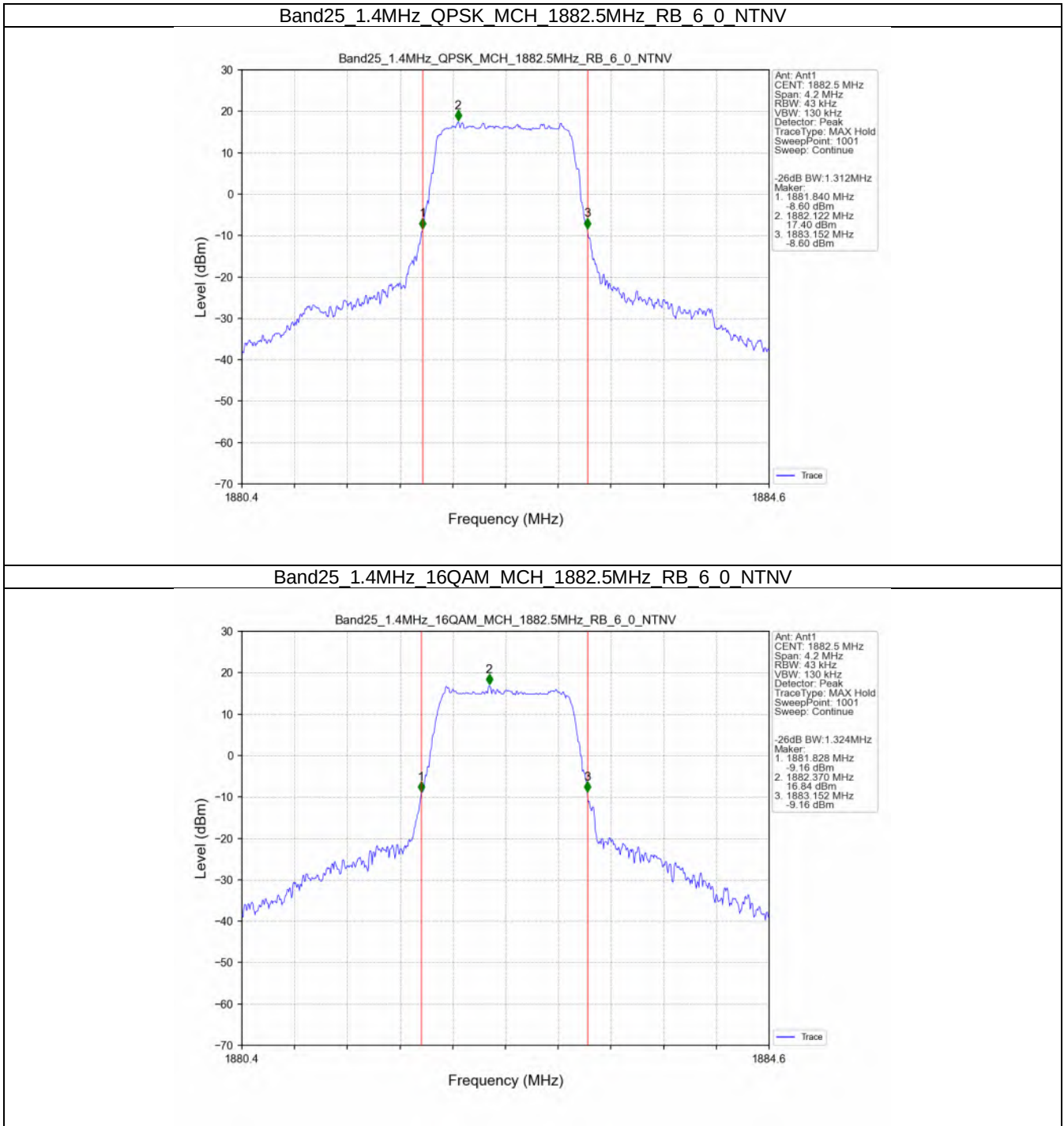
Band25 20MHz 64QAM MCH 1882.5MHz RB 100 0 NTV



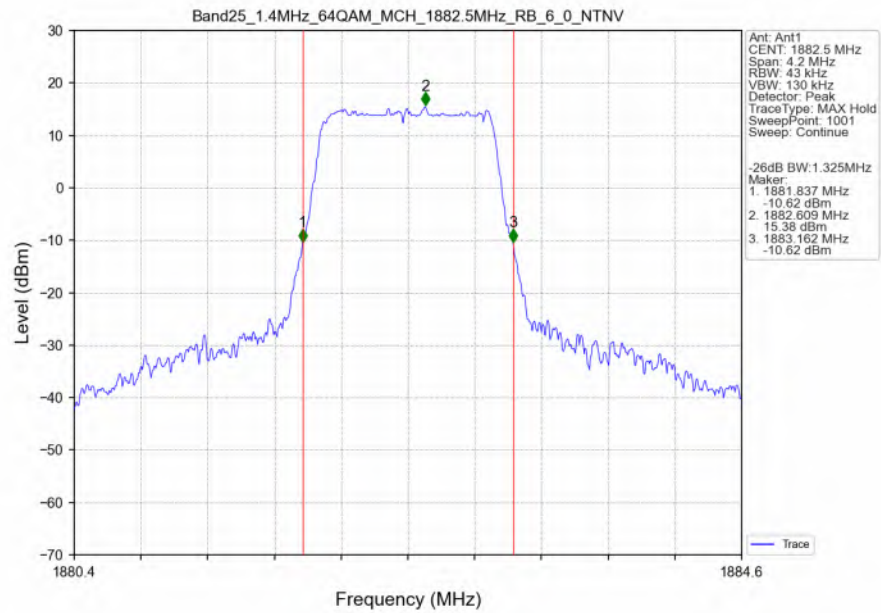
Band25 20MHz 256QAM MCH 1882.5MHz RB 100 0 NTV



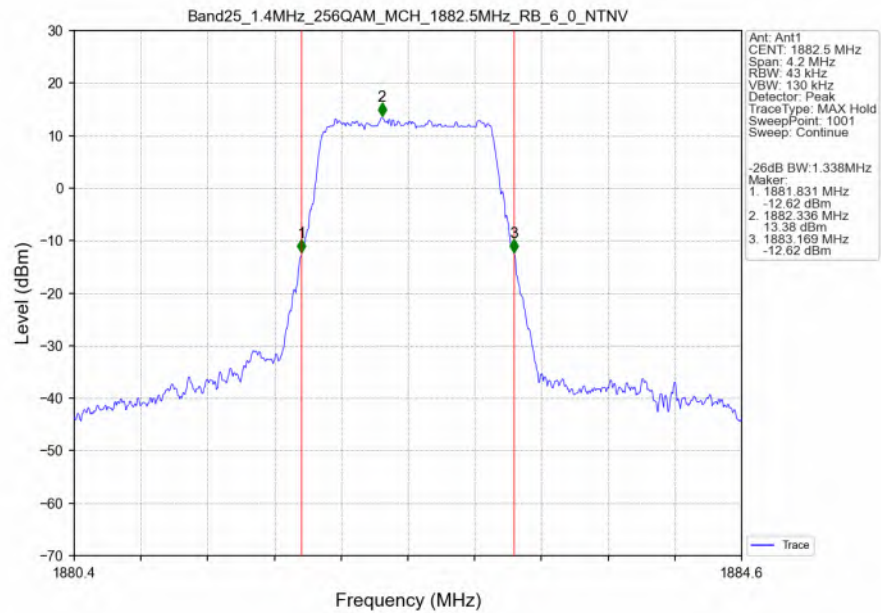
3.2.2 Band25\_XDB



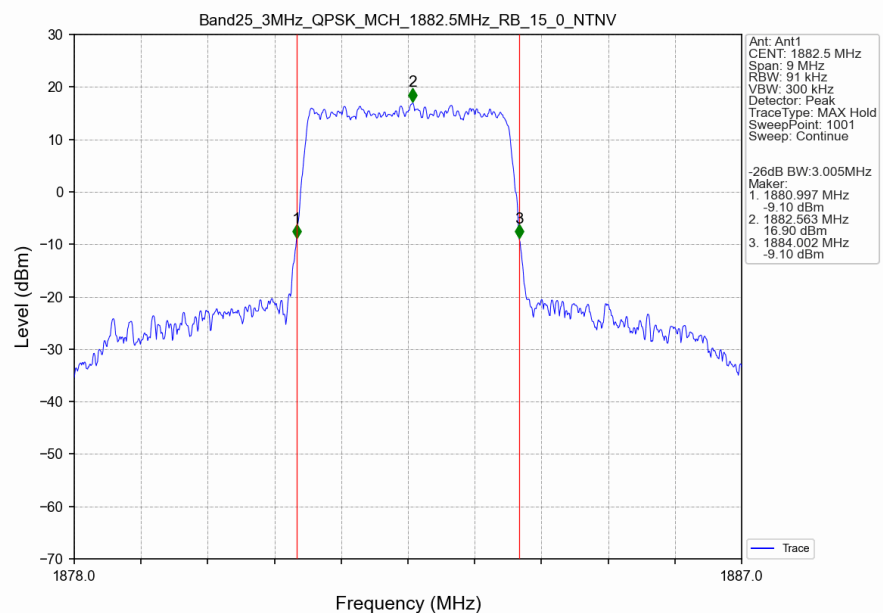
# Band25 1.4MHz 64QAM MCH 1882.5MHz RB 6 0 NTV



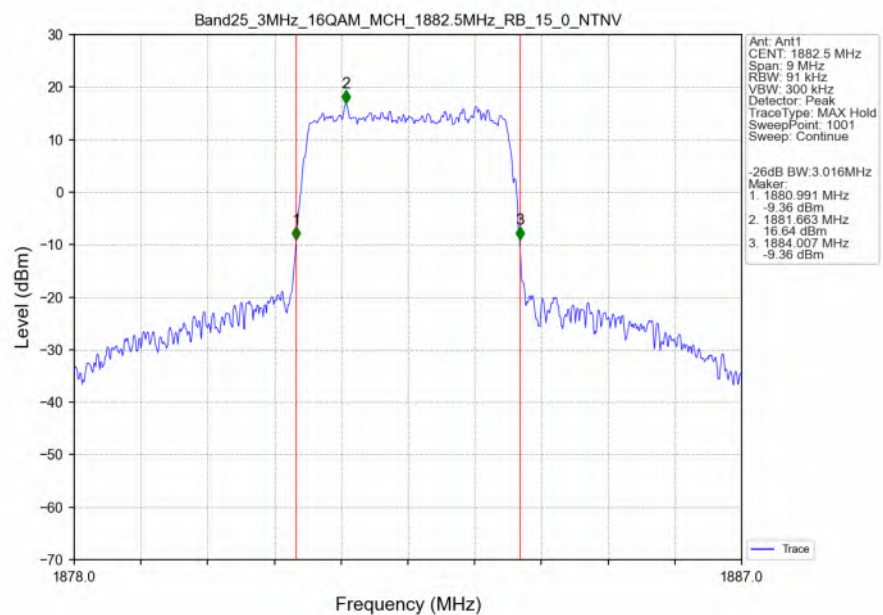
# Band25 1.4MHz 256QAM MCH 1882.5MHz RB 6 0 NTV



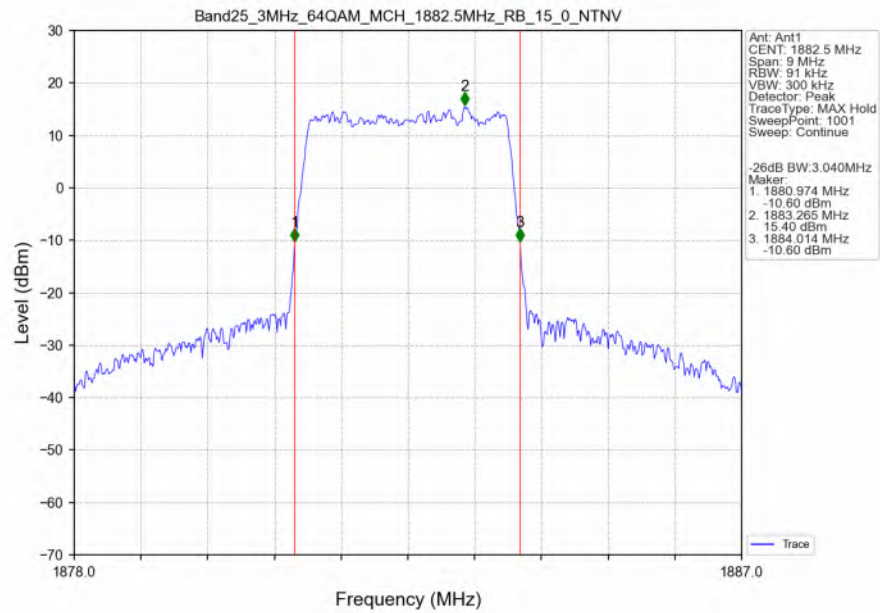
Band25 3MHz QPSK MCH 1882.5MHz RB 15 0 NTN



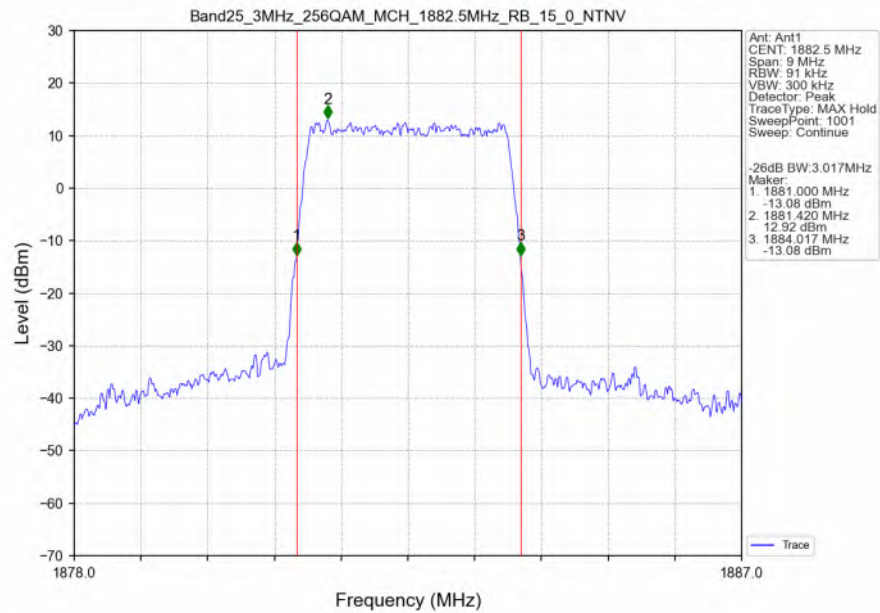
Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTN



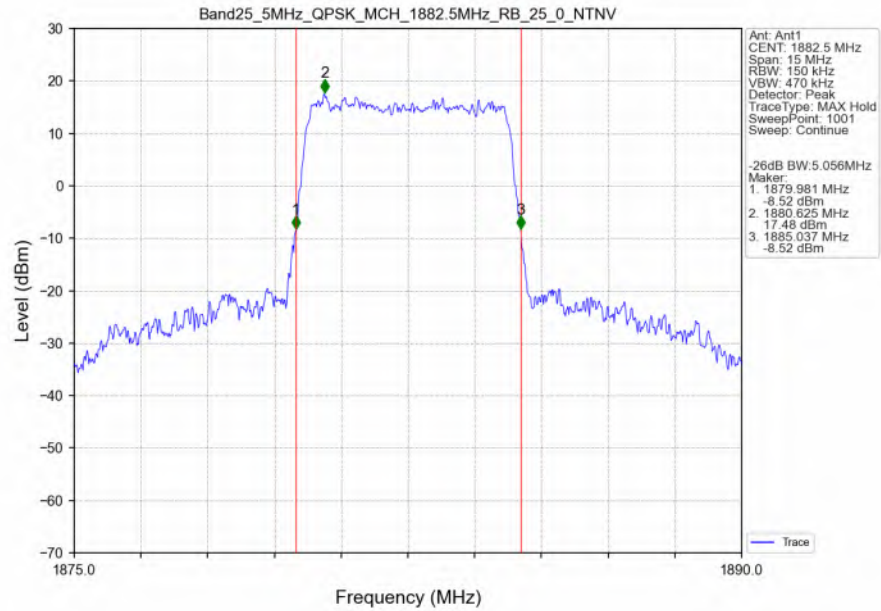
# Band25 3MHz 64QAM MCH 1882.5MHz RB 15 0 NTV



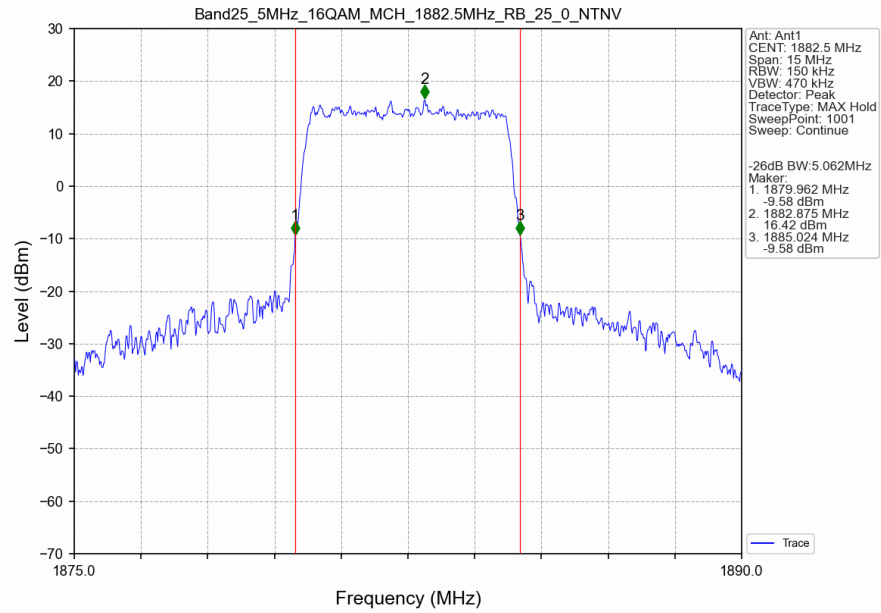
# Band25 3MHz 256QAM MCH 1882.5MHz RB 15 0 NTV



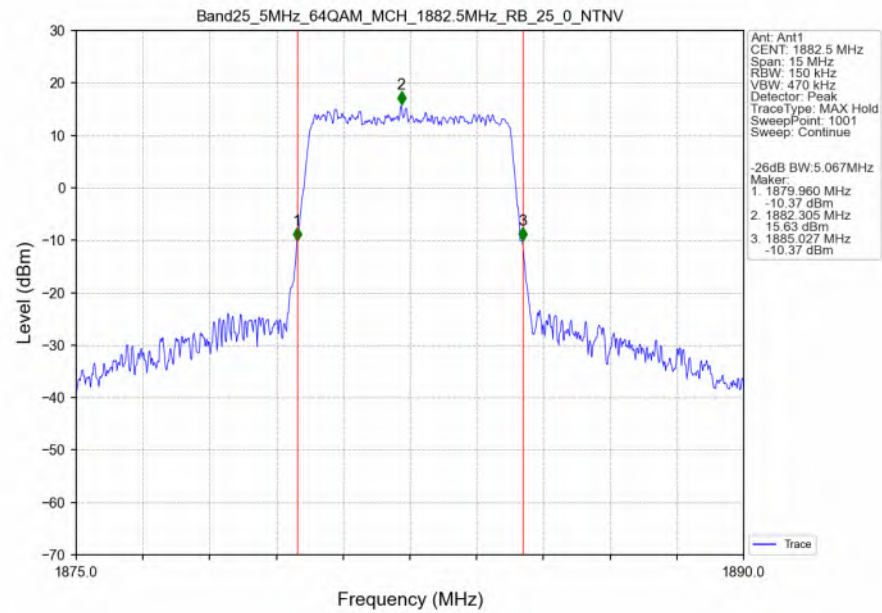
Band25 5MHz QPSK MCH 1882.5MHz RB 25 0 NTN



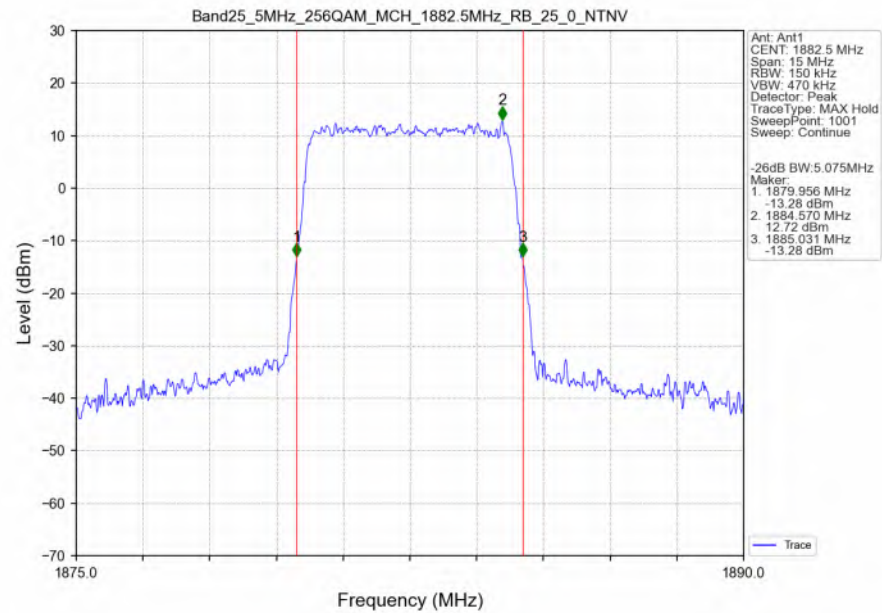
Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTN



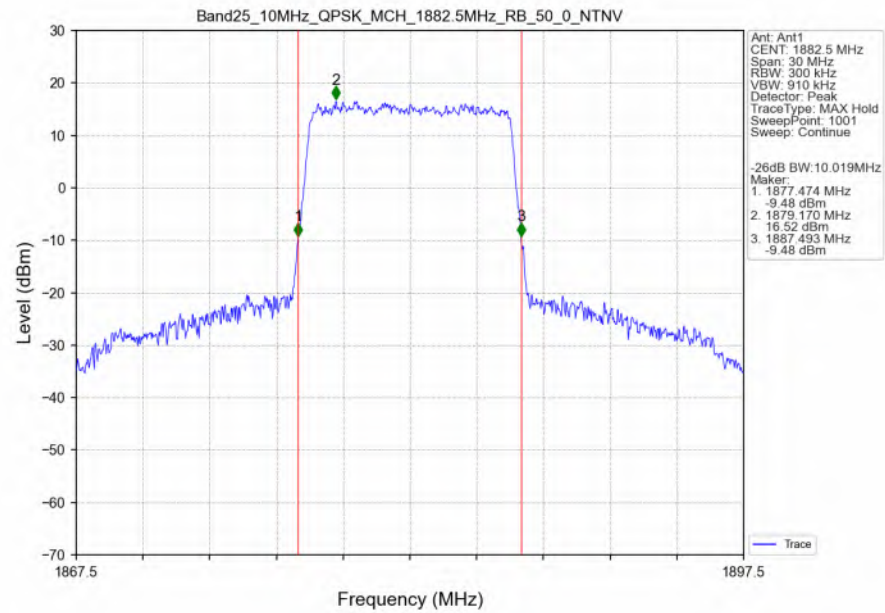
# Band25 5MHz 64QAM MCH 1882.5MHz RB 25 0 NTV



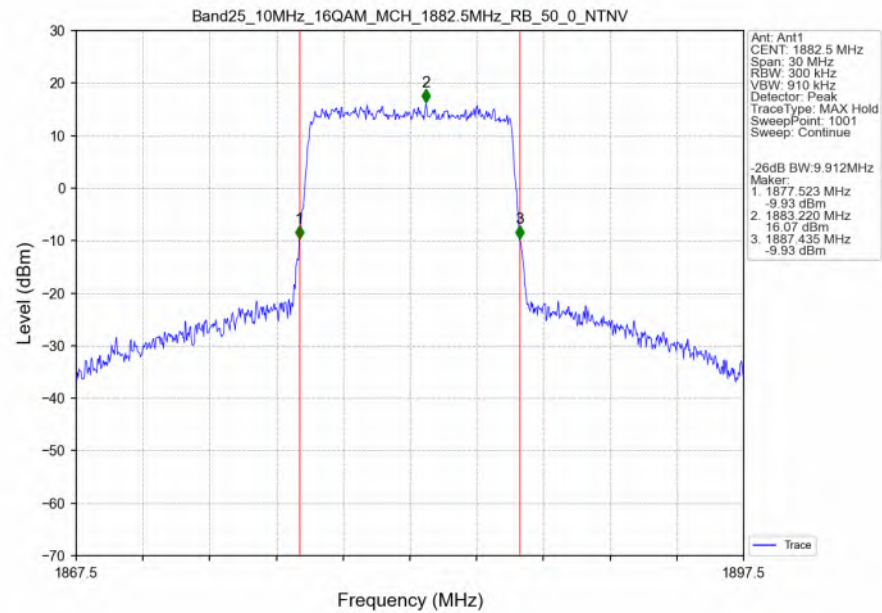
# Band25 5MHz 256QAM MCH 1882.5MHz RB 25 0 NTV



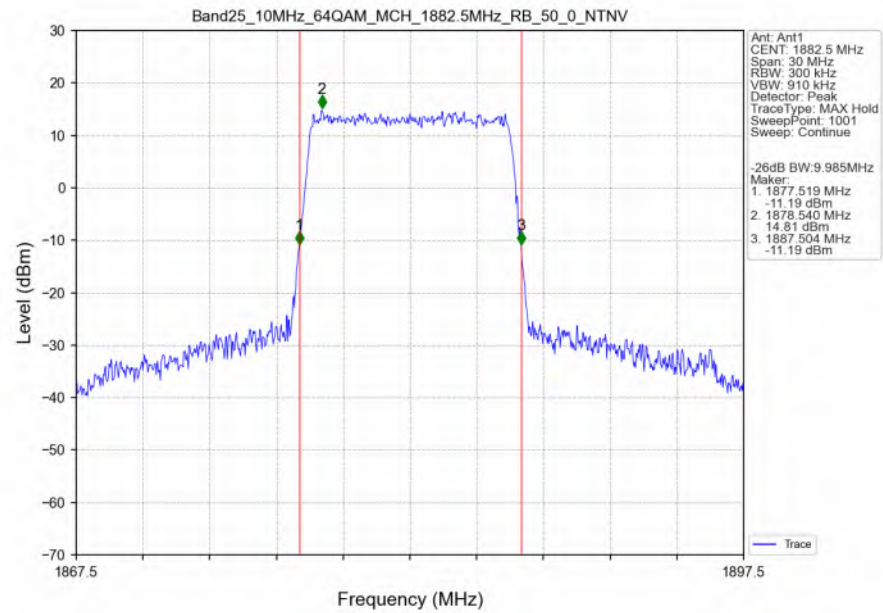
# Band25 10MHz QPSK MCH 1882.5MHz RB 50 0 NTV



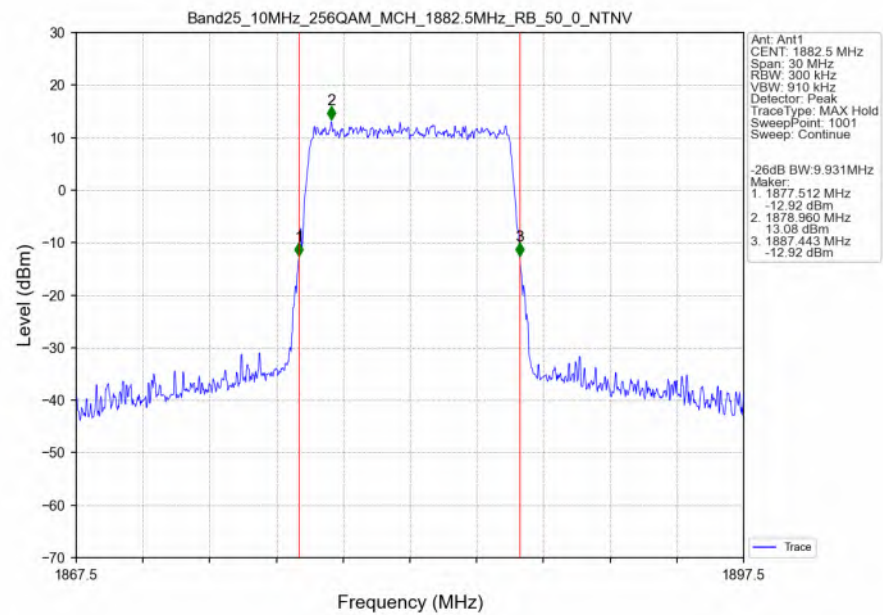
# Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTV



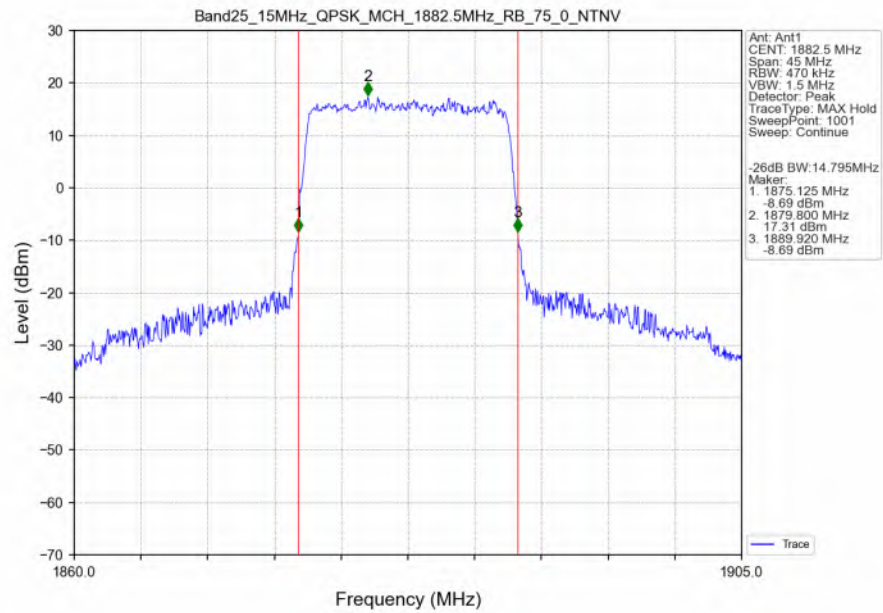
# Band25 10MHz 64QAM MCH 1882.5MHz RB 50 0 NTN



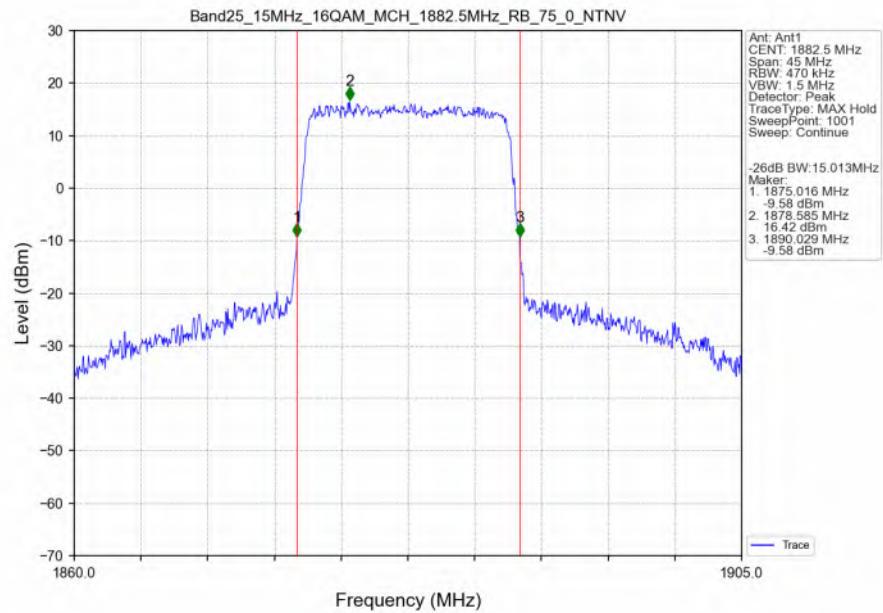
# Band25 10MHz 256QAM MCH 1882.5MHz RB 50 0 NTN



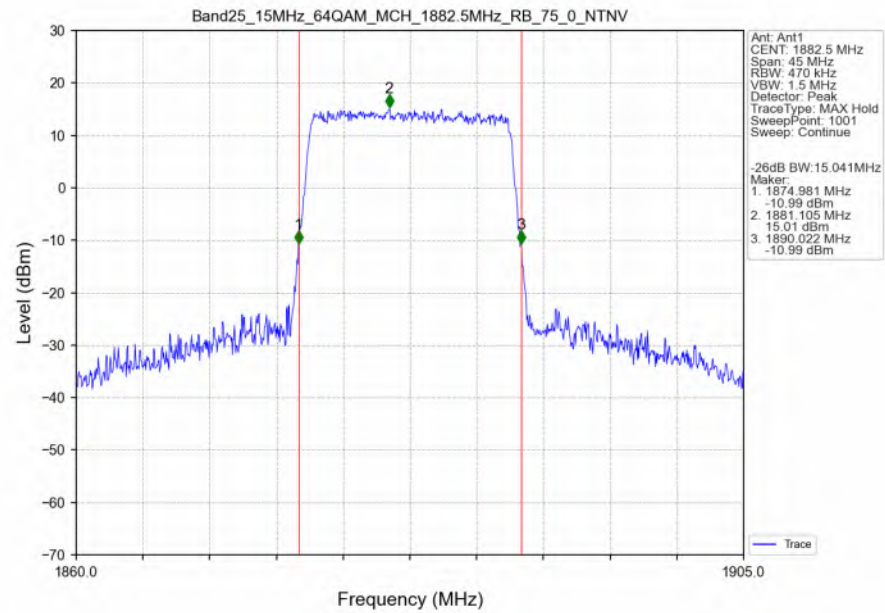
# Band25 15MHz QPSK MCH 1882.5MHz RB 75 0 NTV



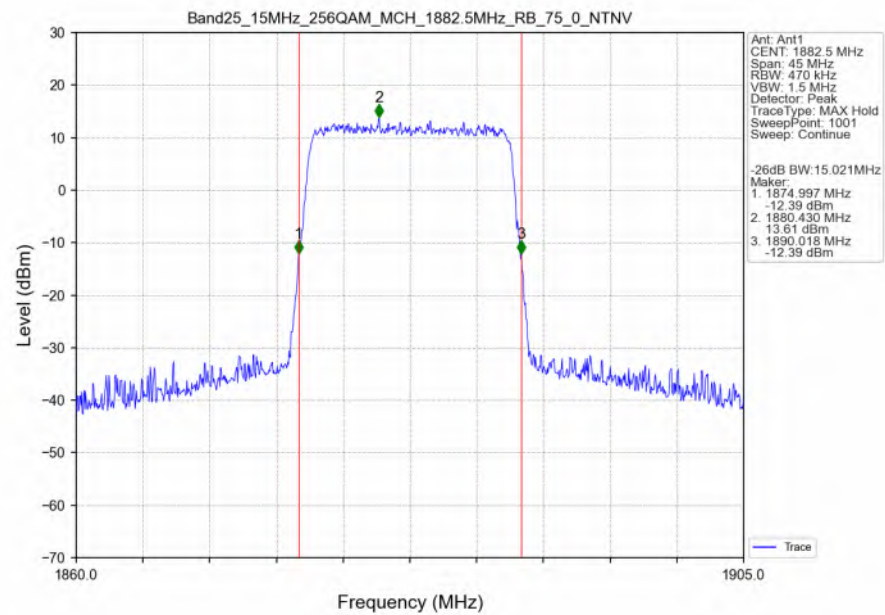
# Band25 15MHz 16QAM MCH 1882.5MHz RB 75 0 NTV



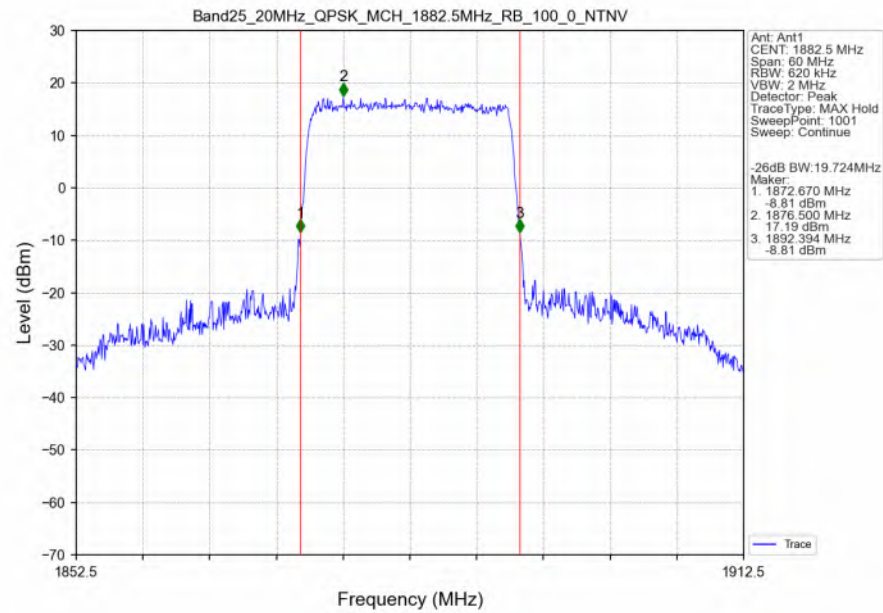
# Band25 15MHz 64QAM MCH 1882.5MHz RB 75 0 NTV



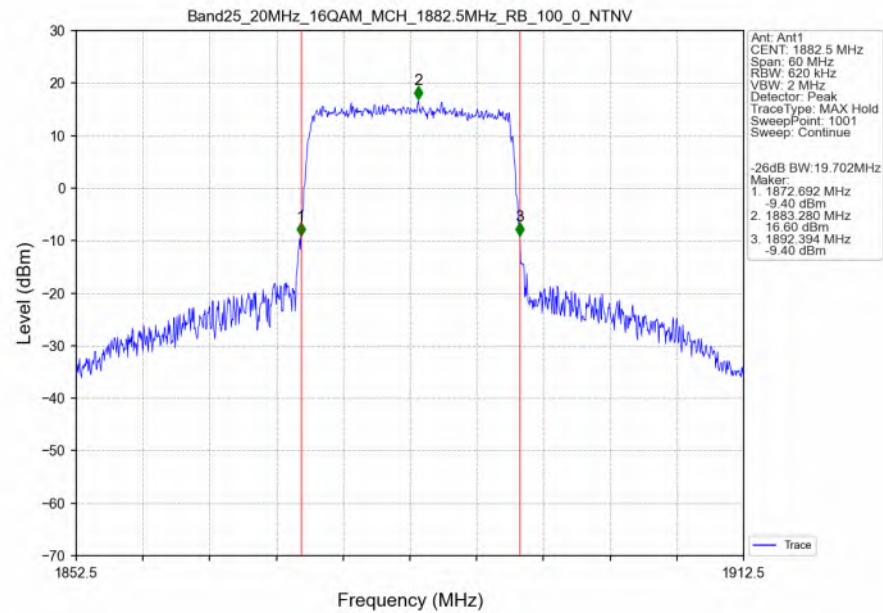
# Band25 15MHz 256QAM MCH 1882.5MHz RB 75 0 NTV



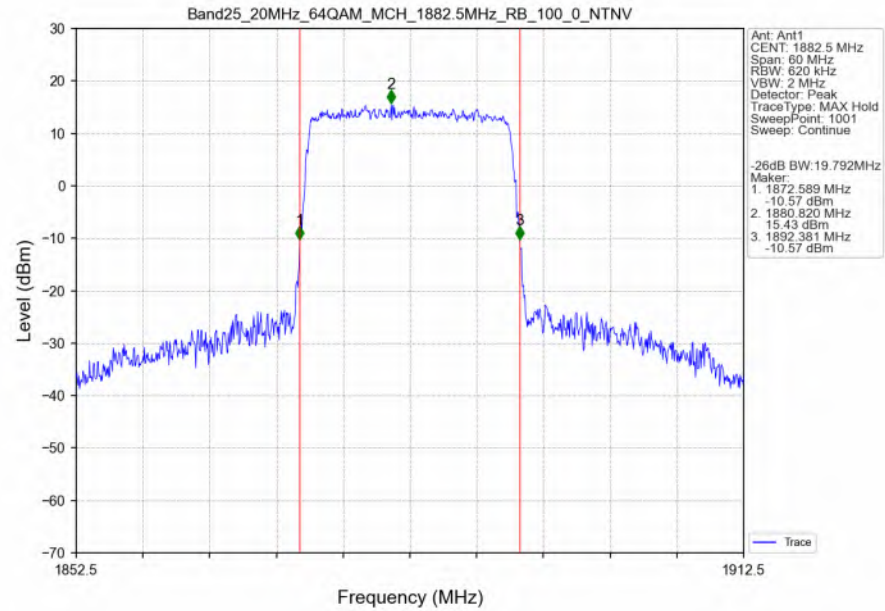
# Band25 20MHz QPSK MCH 1882.5MHz RB 100 0 NTN



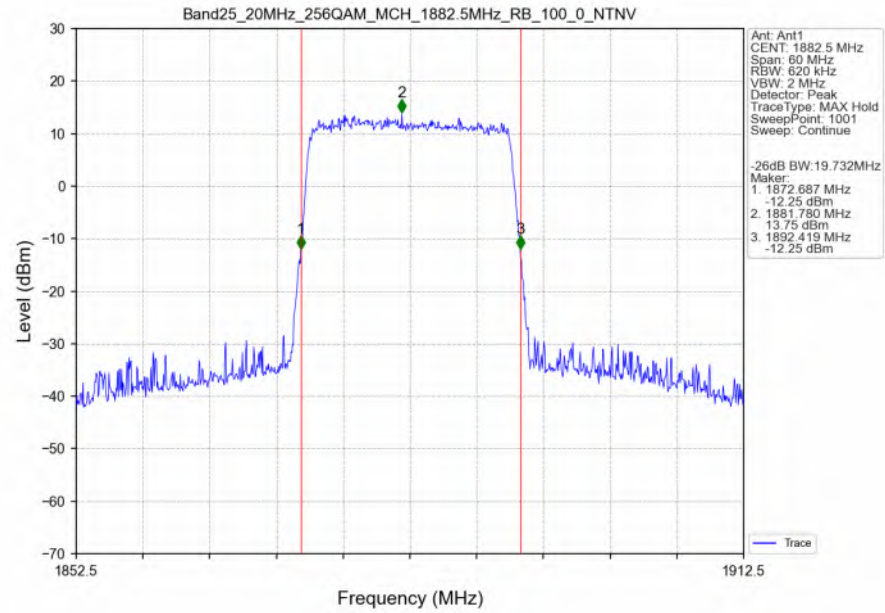
# Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTN



Band25 20MHz 64QAM MCH 1882.5MHz RB 100 0 NTNV



Band25 20MHz 256QAM MCH 1882.5MHz RB 100 0 NTNV



4. Peak-Average Ratio

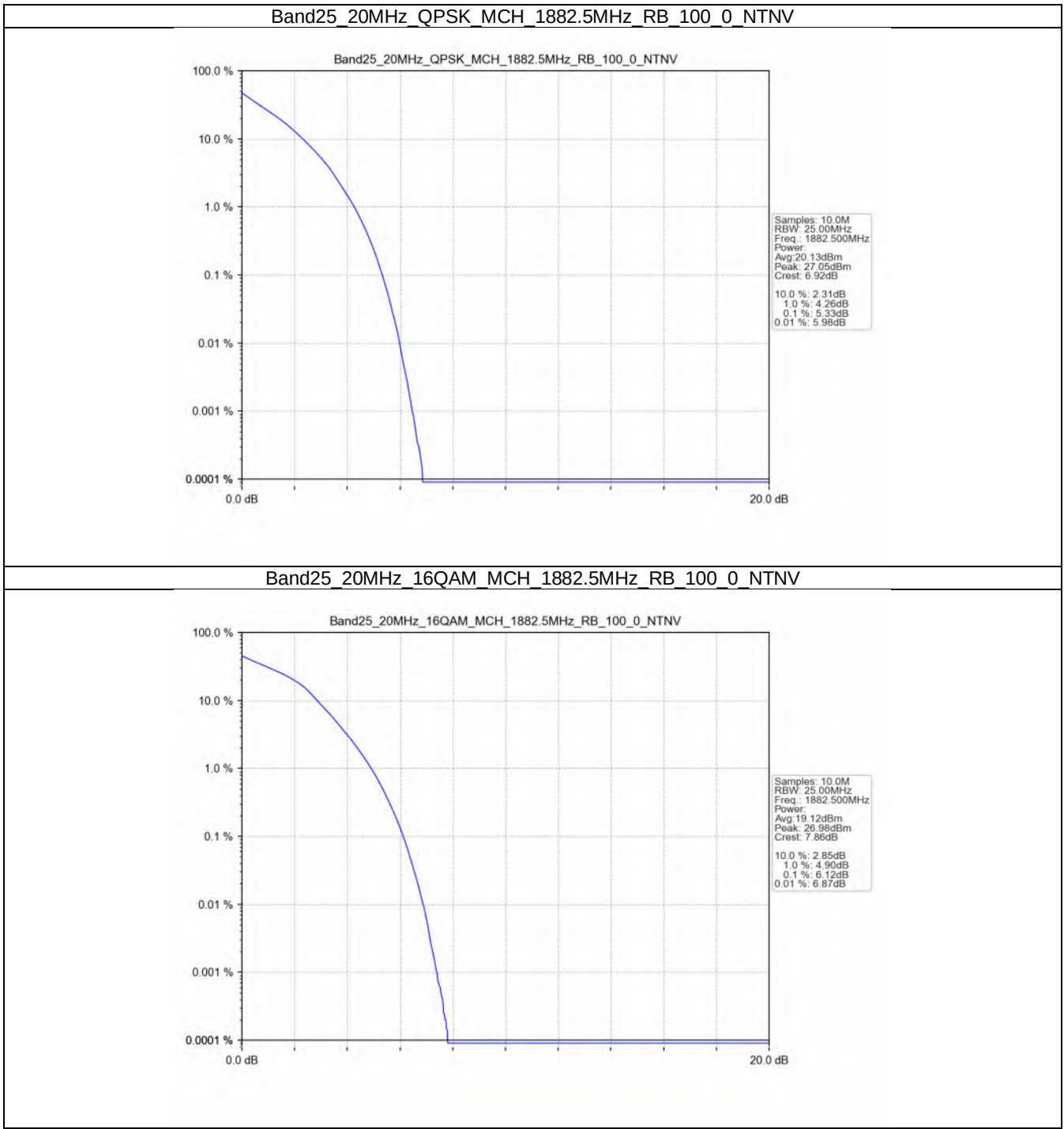
4.1 Test Result

4.1.1 B25\_20MHz

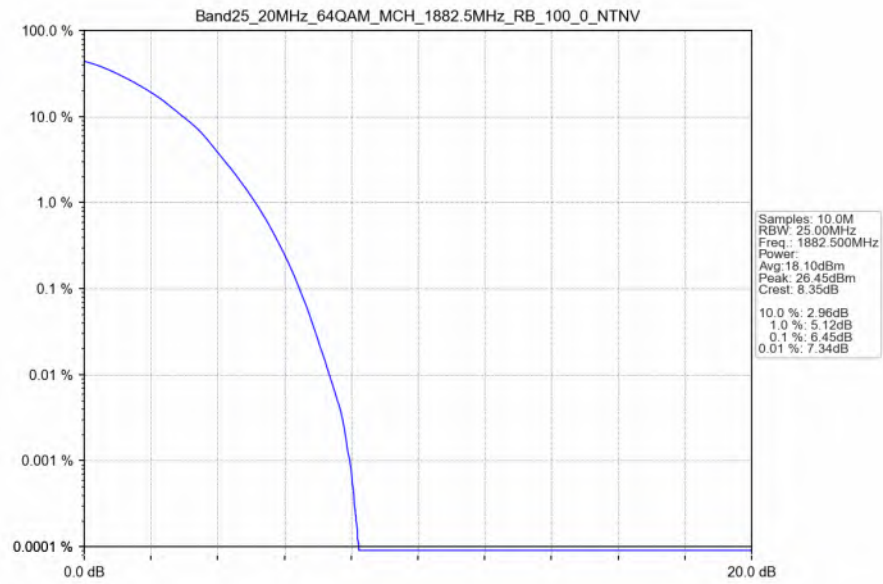
| Band: 25 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1882.5          | 100           | 0      | 5.33                    | <=13  | Pass    |
| 16QAM                              | 1882.5          | 100           | 0      | 6.12                    | <=13  | Pass    |
| 64QAM                              | 1882.5          | 100           | 0      | 6.45                    | <=13  | Pass    |
| 256QAM                             | 1882.5          | 100           | 0      | 6.70                    | <=13  | Pass    |

4.2 Test Graph

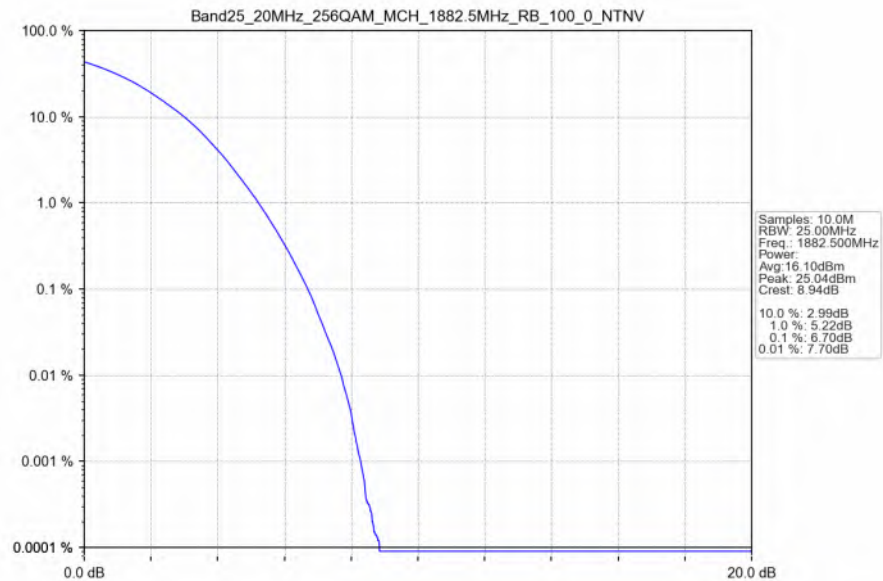
4.2.1 B25\_20MHz



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 / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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

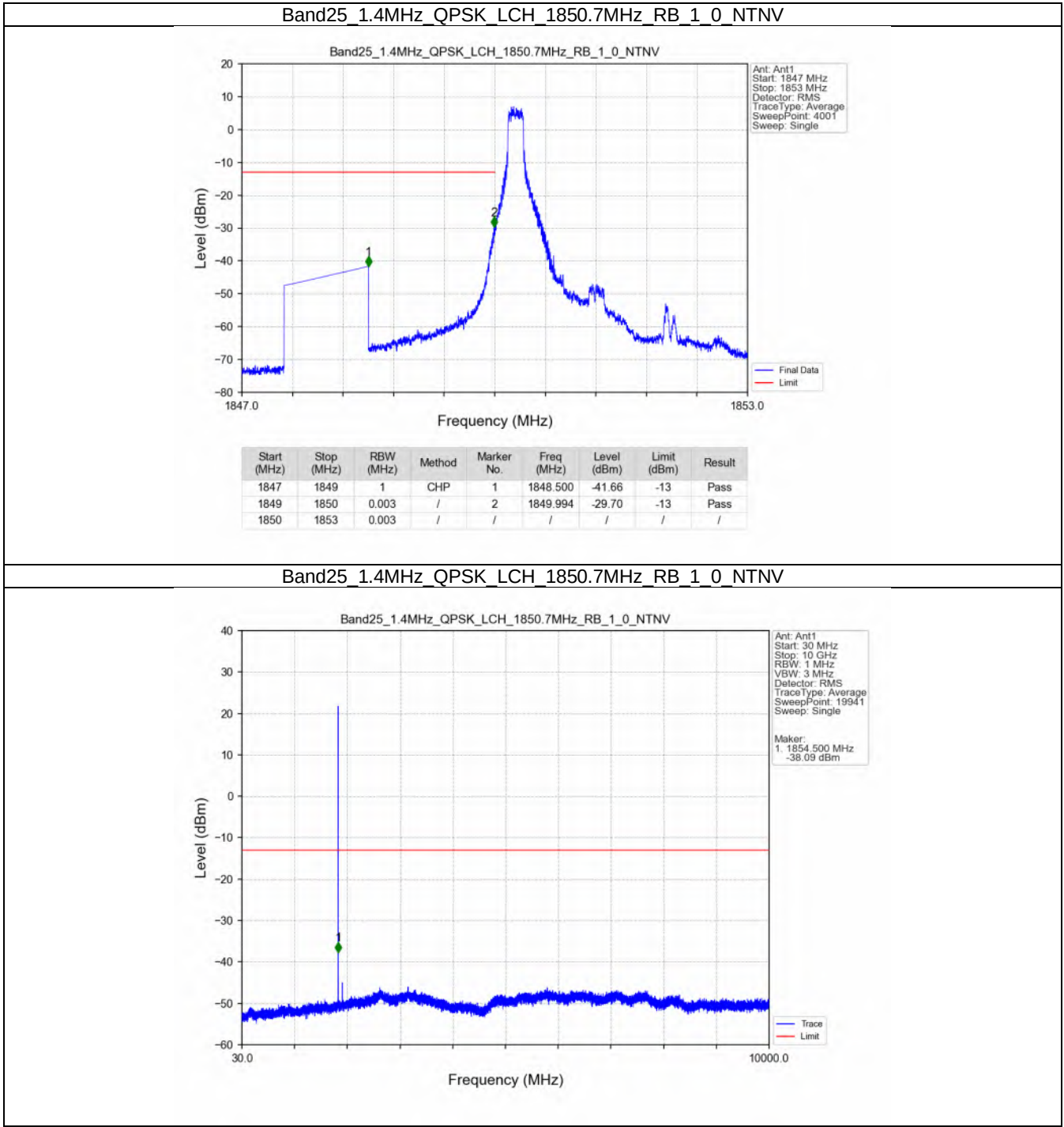
| Band: 25 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | 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

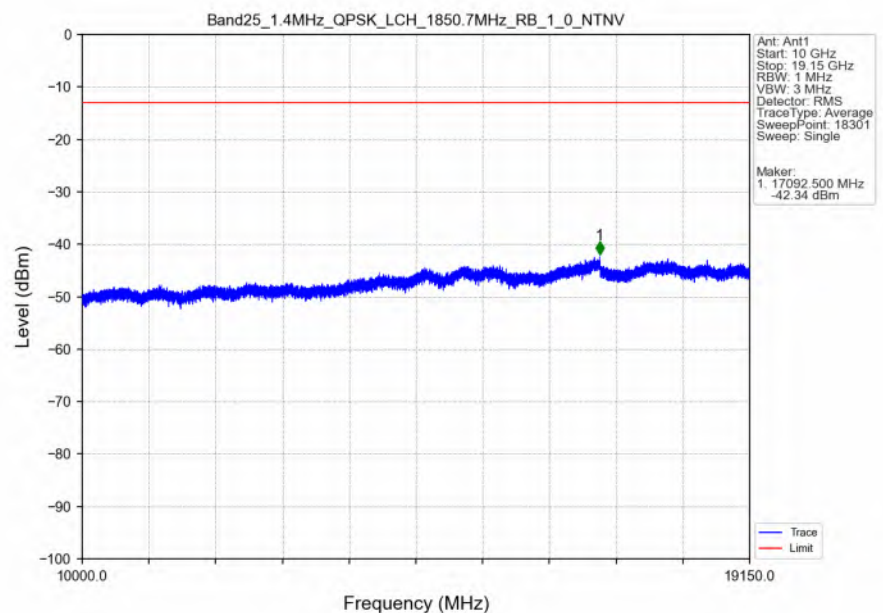
| Band: 25 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | 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

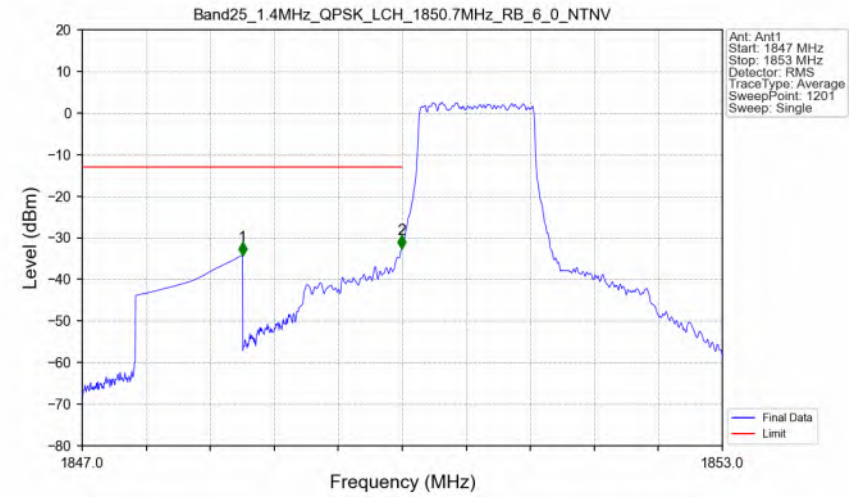
5.2.1 B25\_1.4MHz



Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTNV

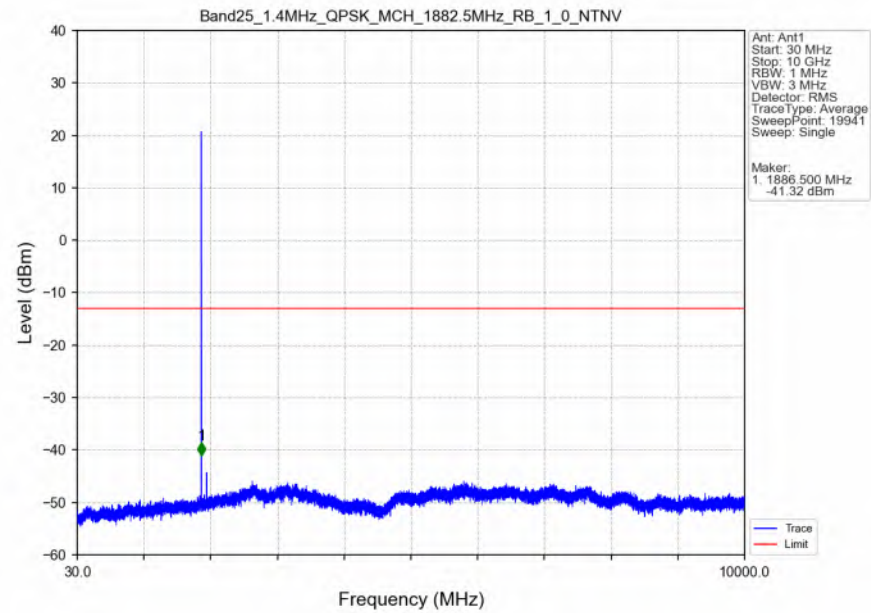


Band25 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTNV

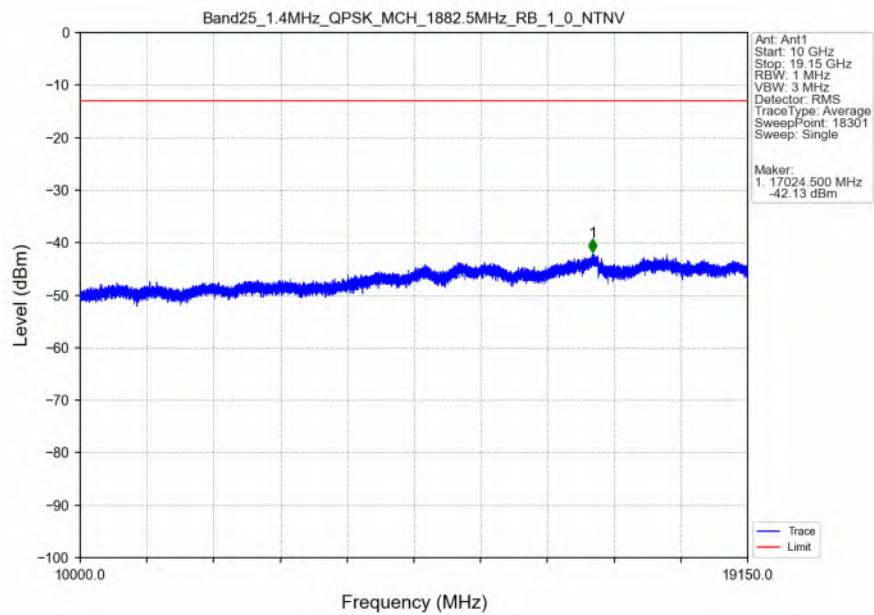


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -34.22      | -13         | Pass   |
| 1849        | 1850       | 0.013     | CHP    | 2          | 1849.995   | -32.60      | -13         | Pass   |
| 1850        | 1853       | 0.013     | CHP    | /          | /          | /           | /           | /      |

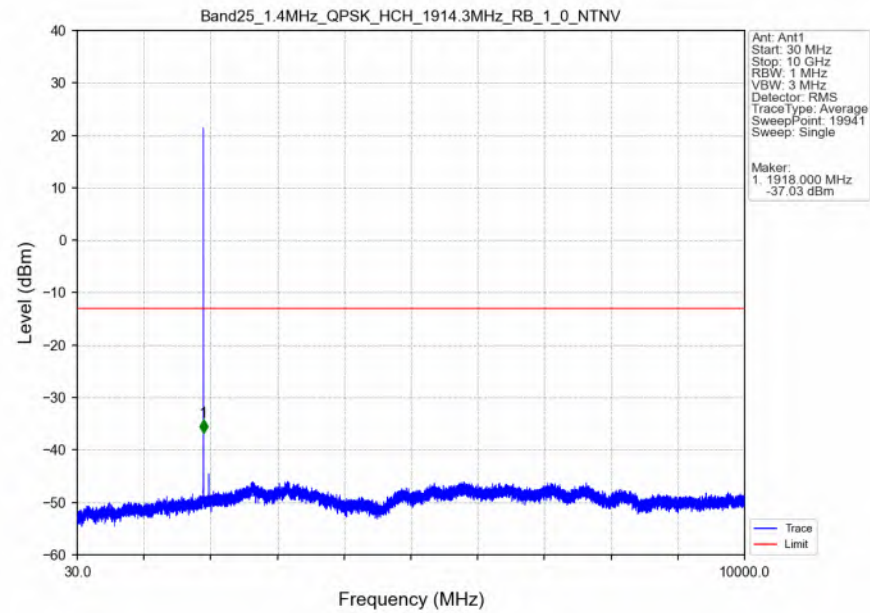
# Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTV



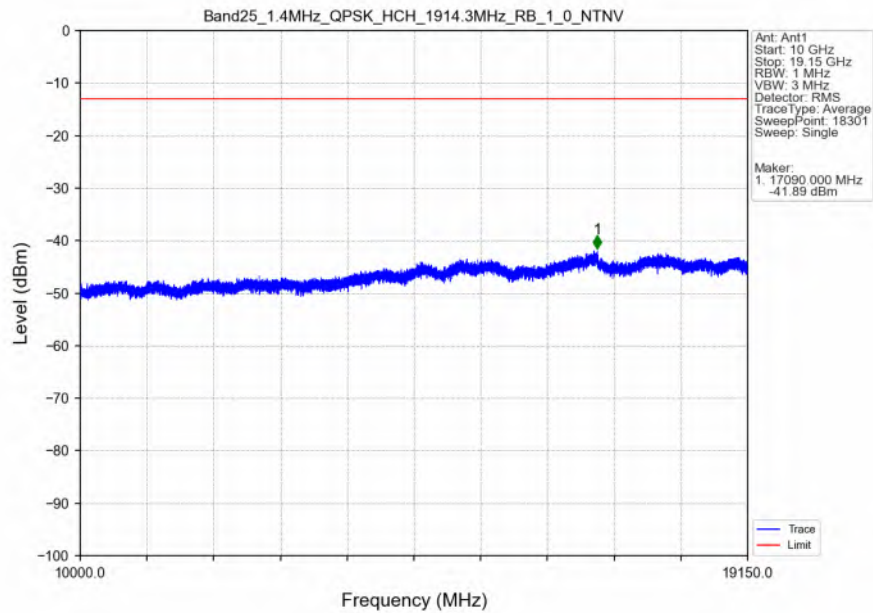
# Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTV



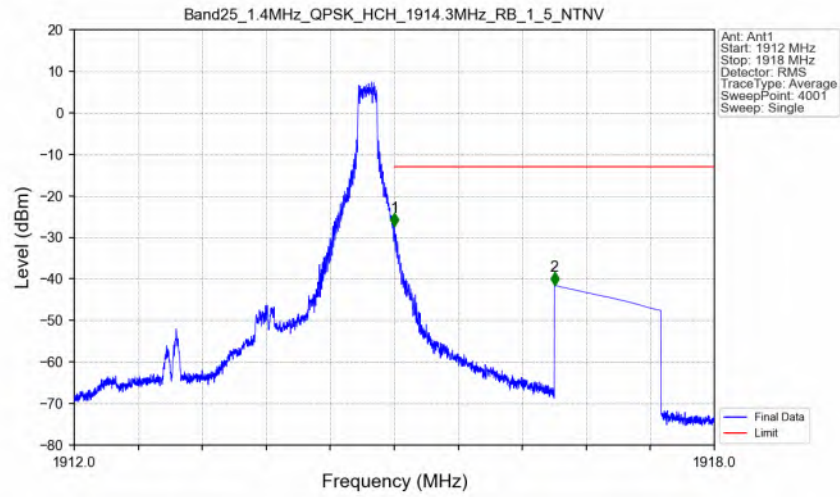
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTV



Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTV

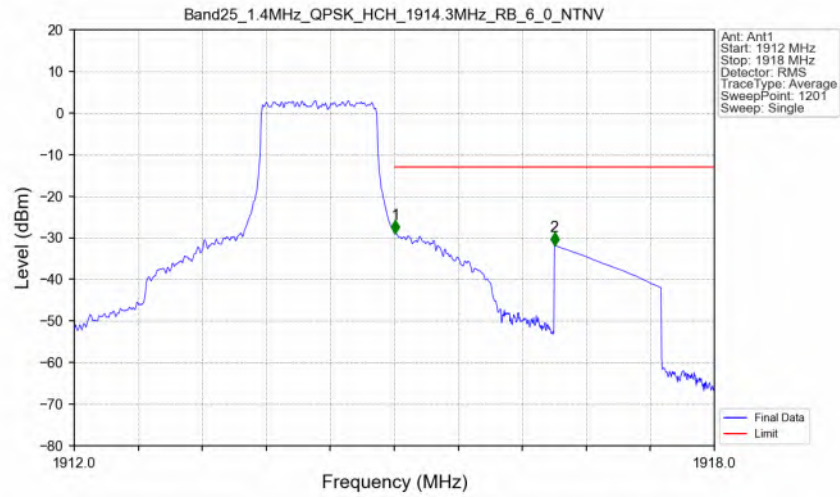


# Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 5 NTNV



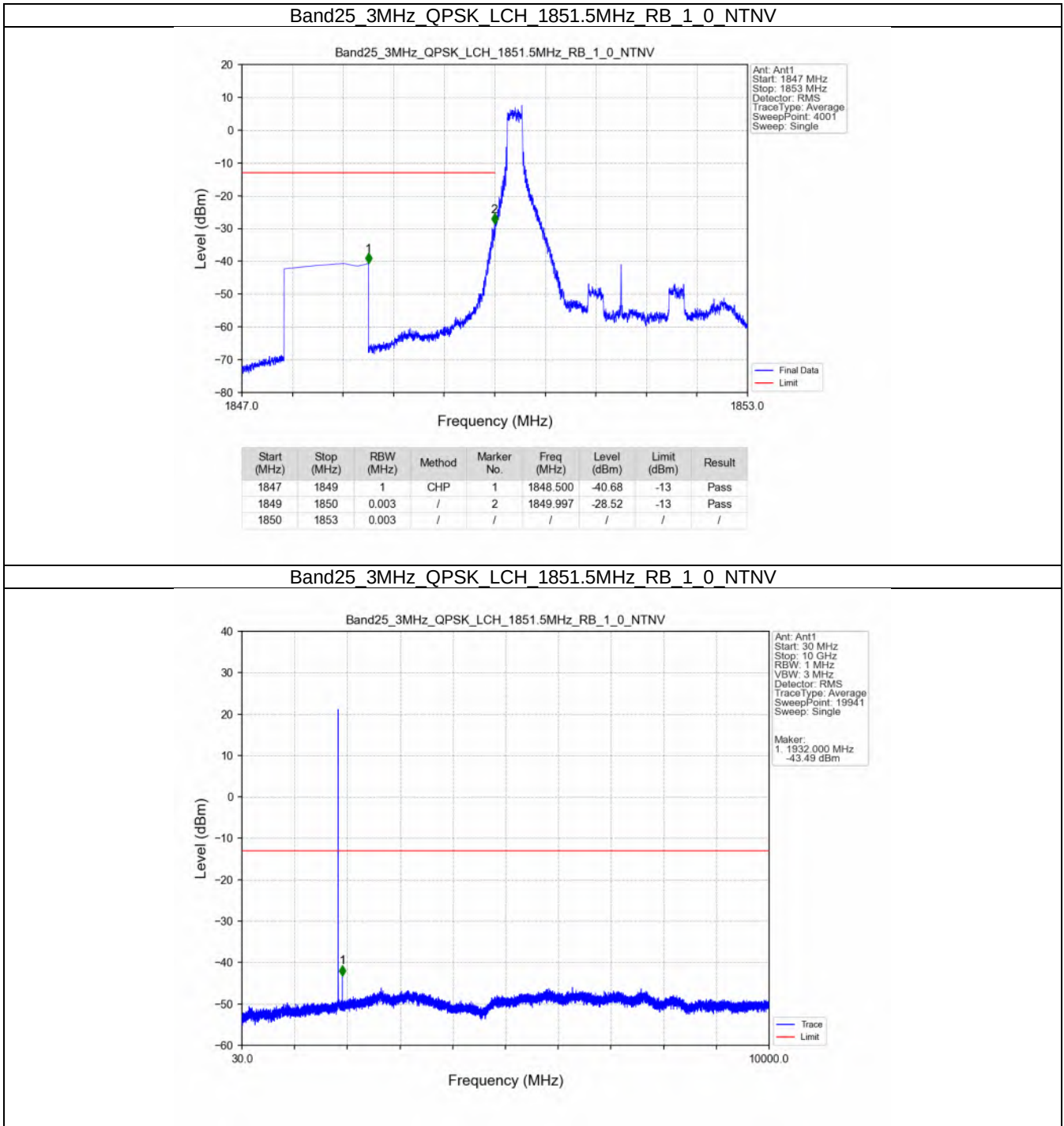
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1912        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.003   | -27.31      | -13         | Pass   |
| 1916        | 1918       | 1         | CHP    | 2          | 1916.500   | -41.53      | -13         | Pass   |

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

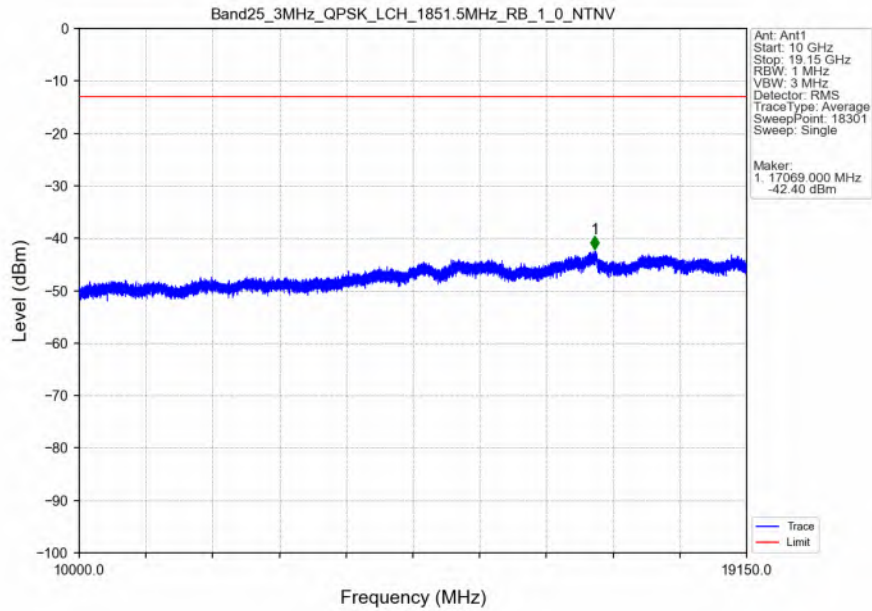


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1912        | 1915       | 0.013     | CHP    | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.013     | CHP    | 1          | 1915.010   | -28.90      | -13         | Pass   |
| 1916        | 1918       | 1         | CHP    | 2          | 1916.500   | -31.88      | -13         | Pass   |

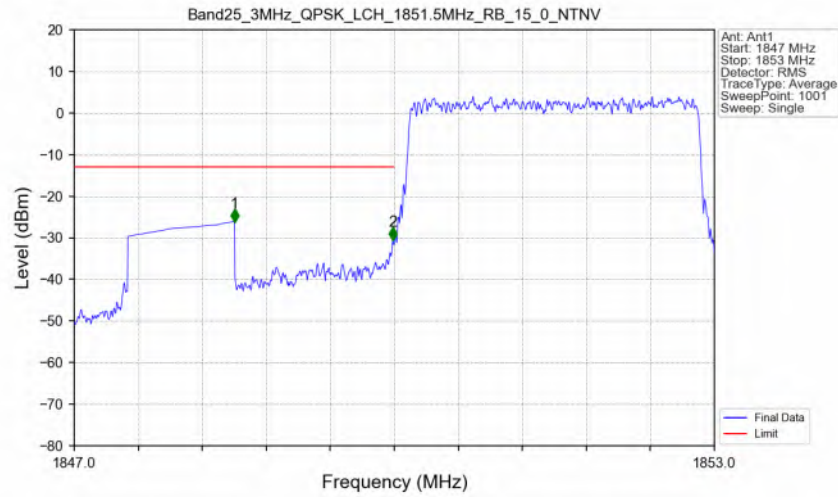
5.2.2 B25\_3MHz



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

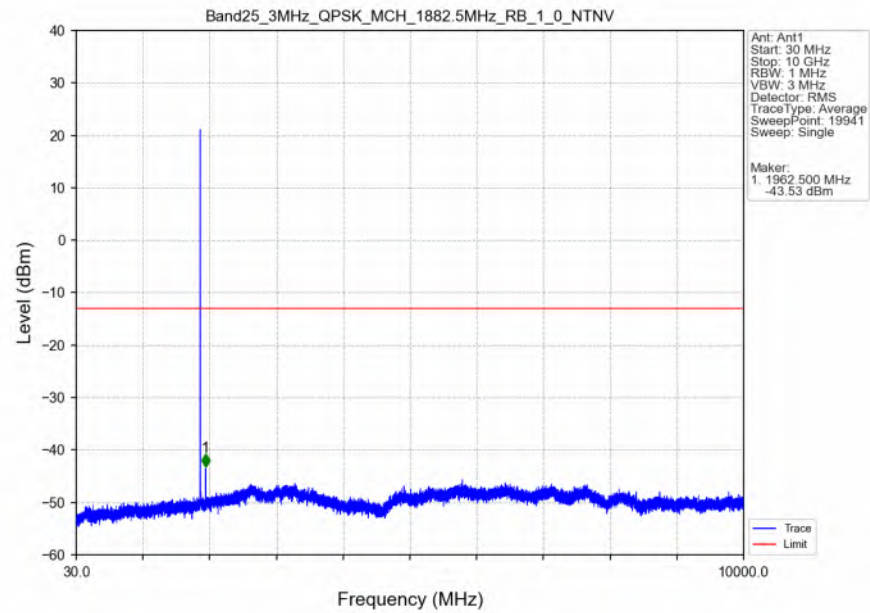


# Band25\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTV

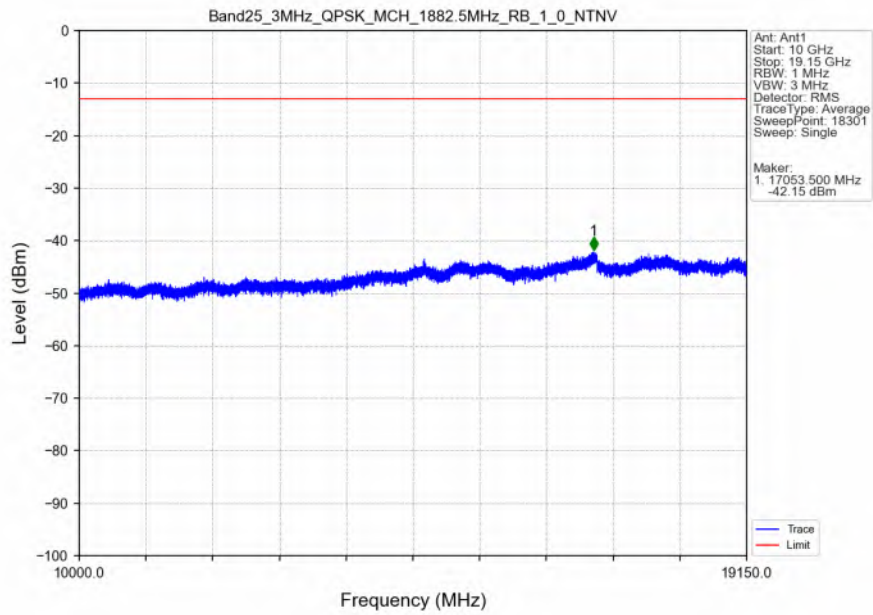


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -26.15      | -13         | Pass   |
| 1849        | 1850       | 0.03      | /      | 2          | 1849.988   | -30.61      | -13         | Pass   |
| 1850        | 1853       | 0.03      | /      | /          | /          | /           | /           | /      |

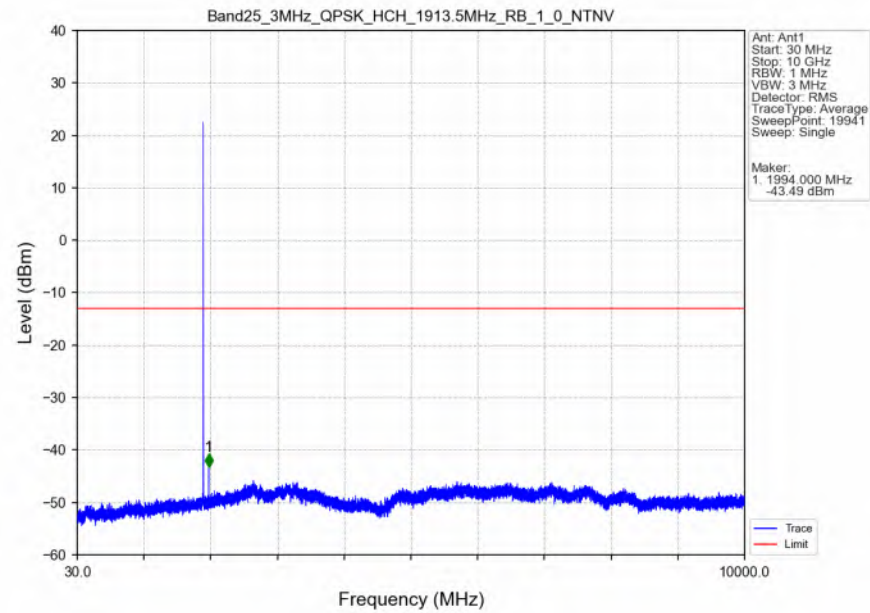
# Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



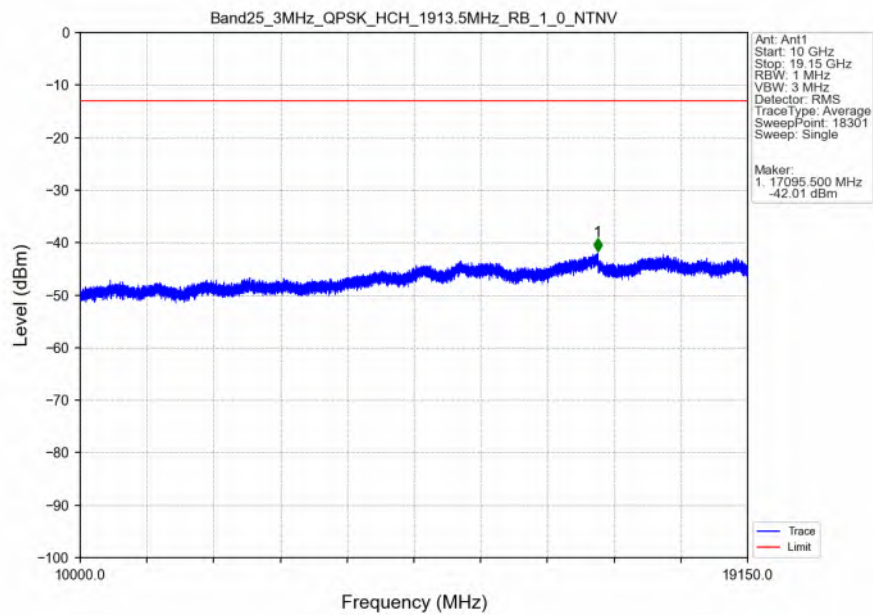
# Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



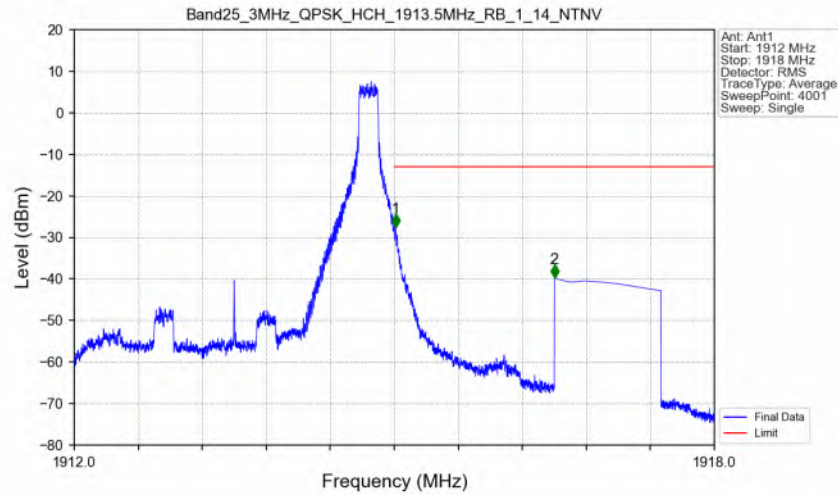
# Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTN



# Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTN

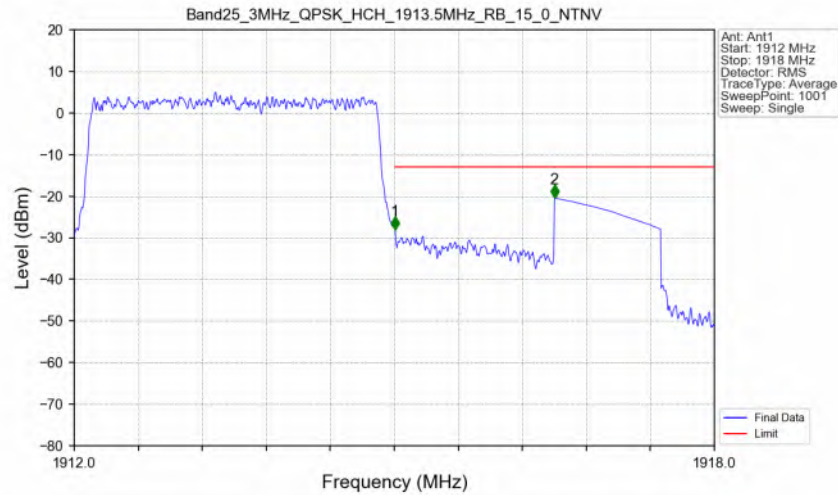


# Band25 3MHz QPSK HCH 1913.5MHz RB 1 14 NTV



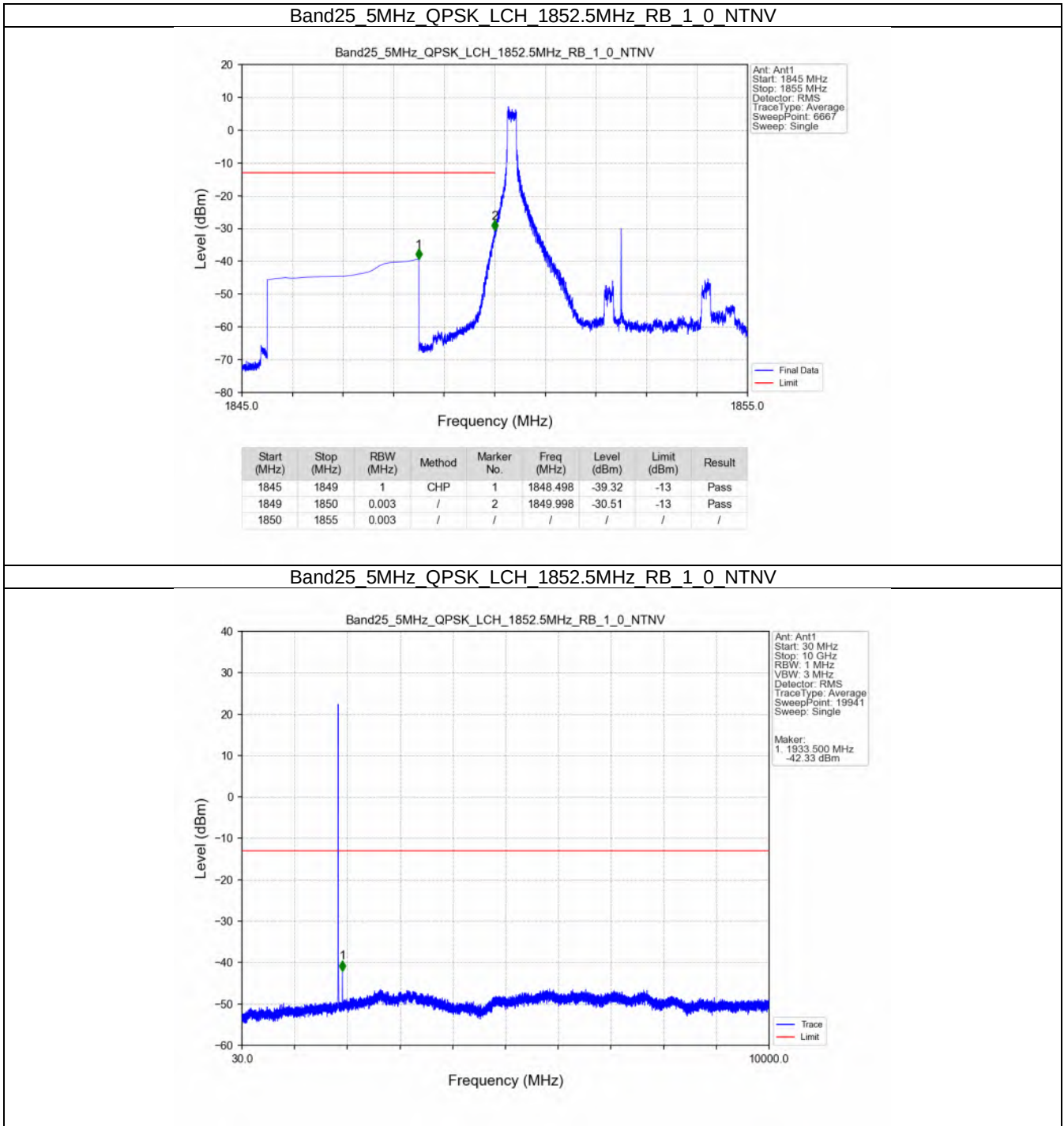
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1912        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.012   | -27.53      | -13         | Pass   |
| 1916        | 1918       | 1         | CHP    | 2          | 1916.500   | -39.68      | -13         | Pass   |

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

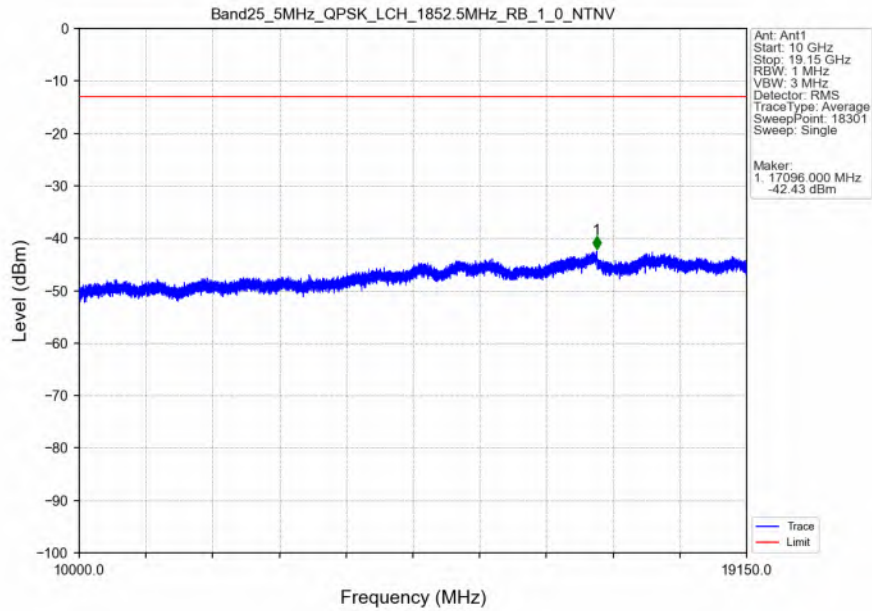


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1912        | 1915       | 0.03      | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.03      | /      | 1          | 1915.006   | -28.09      | -13         | Pass   |
| 1916        | 1918       | 1         | CHP    | 2          | 1916.500   | -20.46      | -13         | Pass   |

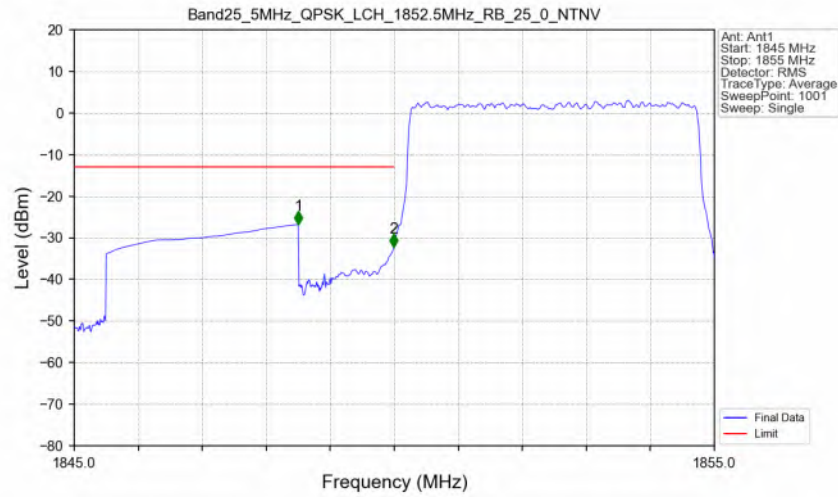
5.2.3 B25\_5MHz



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

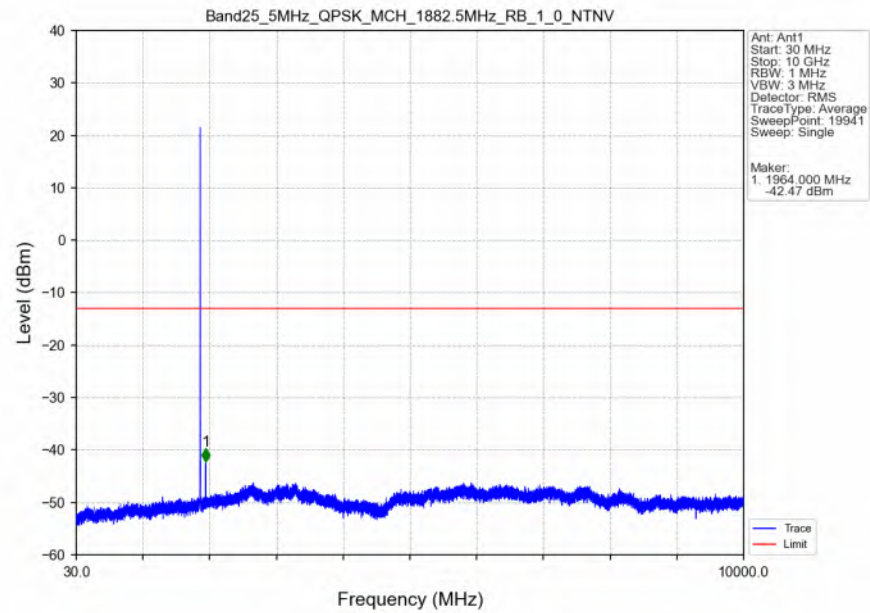


# Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTV

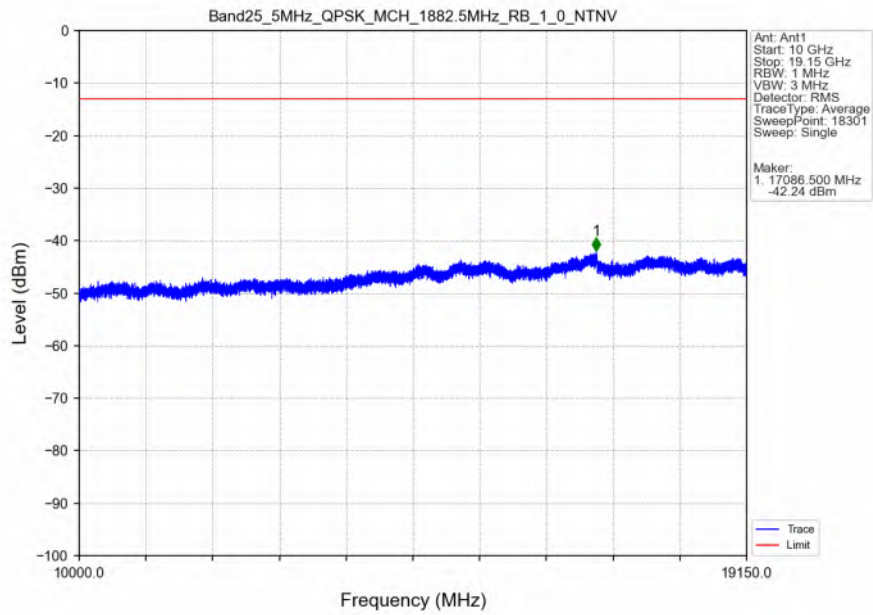


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1848.500   | -26.78      | -13         | Pass   |
| 1849        | 1850       | 0.051     | CHP    | 2          | 1849.990   | -32.26      | -13         | Pass   |
| 1850        | 1855       | 0.051     | CHP    | /          | /          | /           | /           | /      |

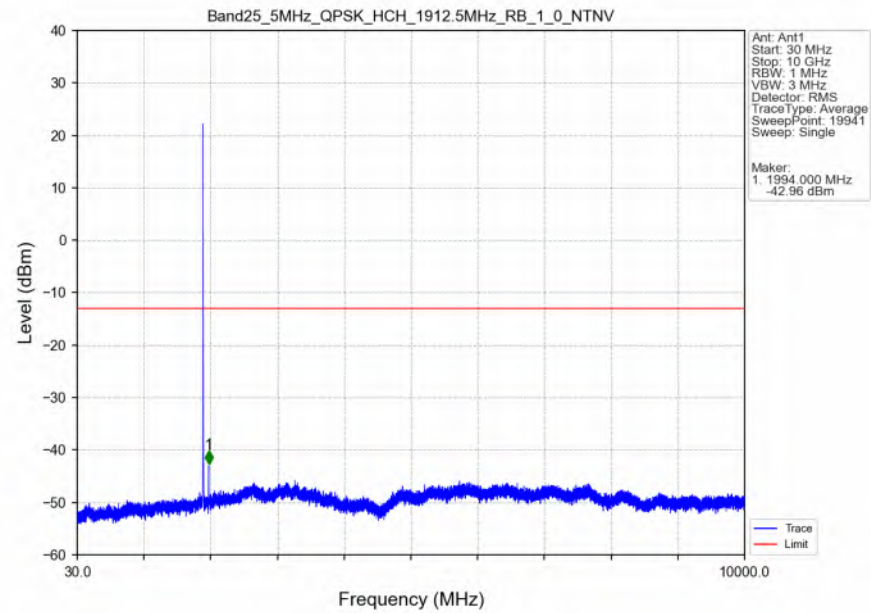
# Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



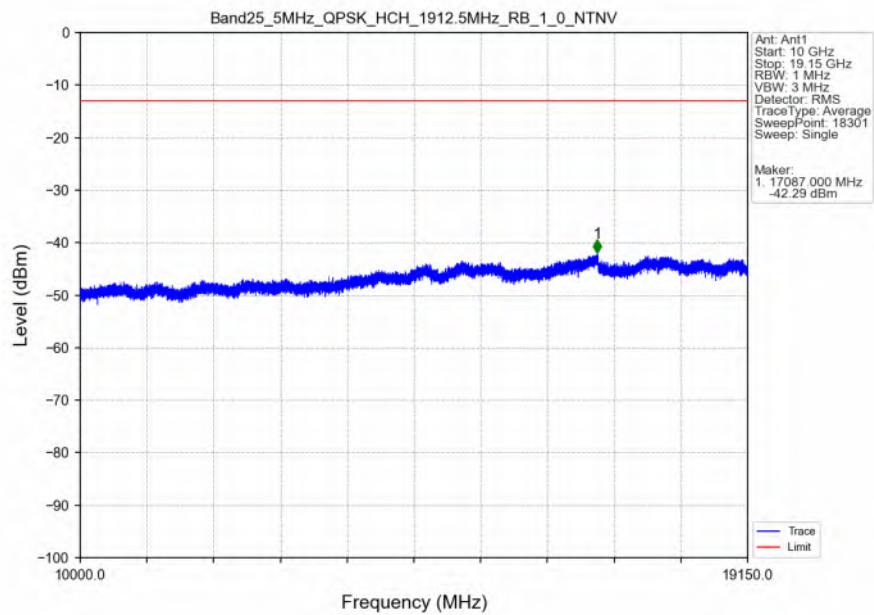
# Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



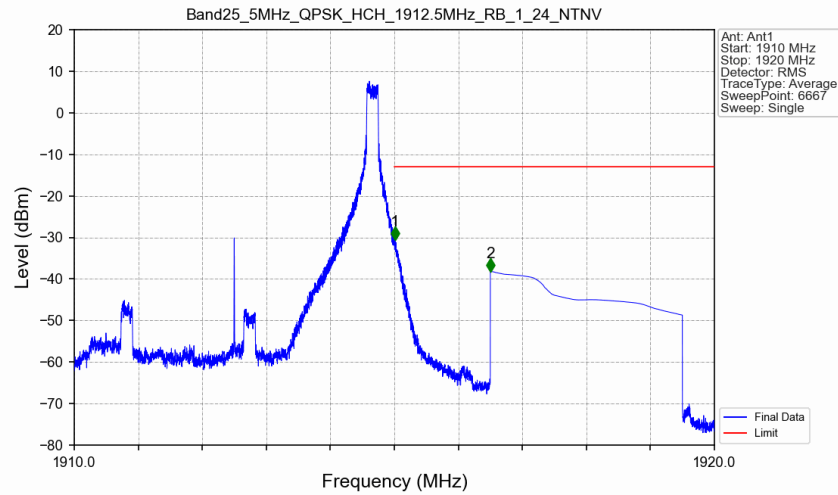
# Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTN



# Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTN

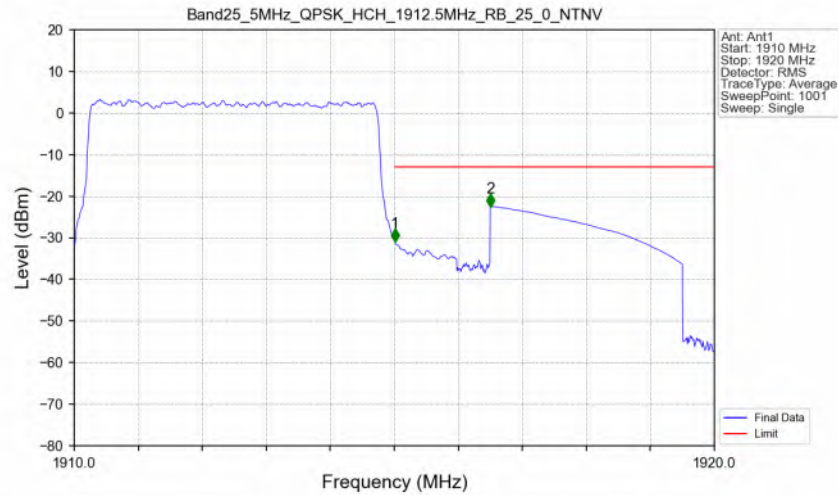


# Band25 5MHz QPSK HCH 1912.5MHz RB 1 24 NTV



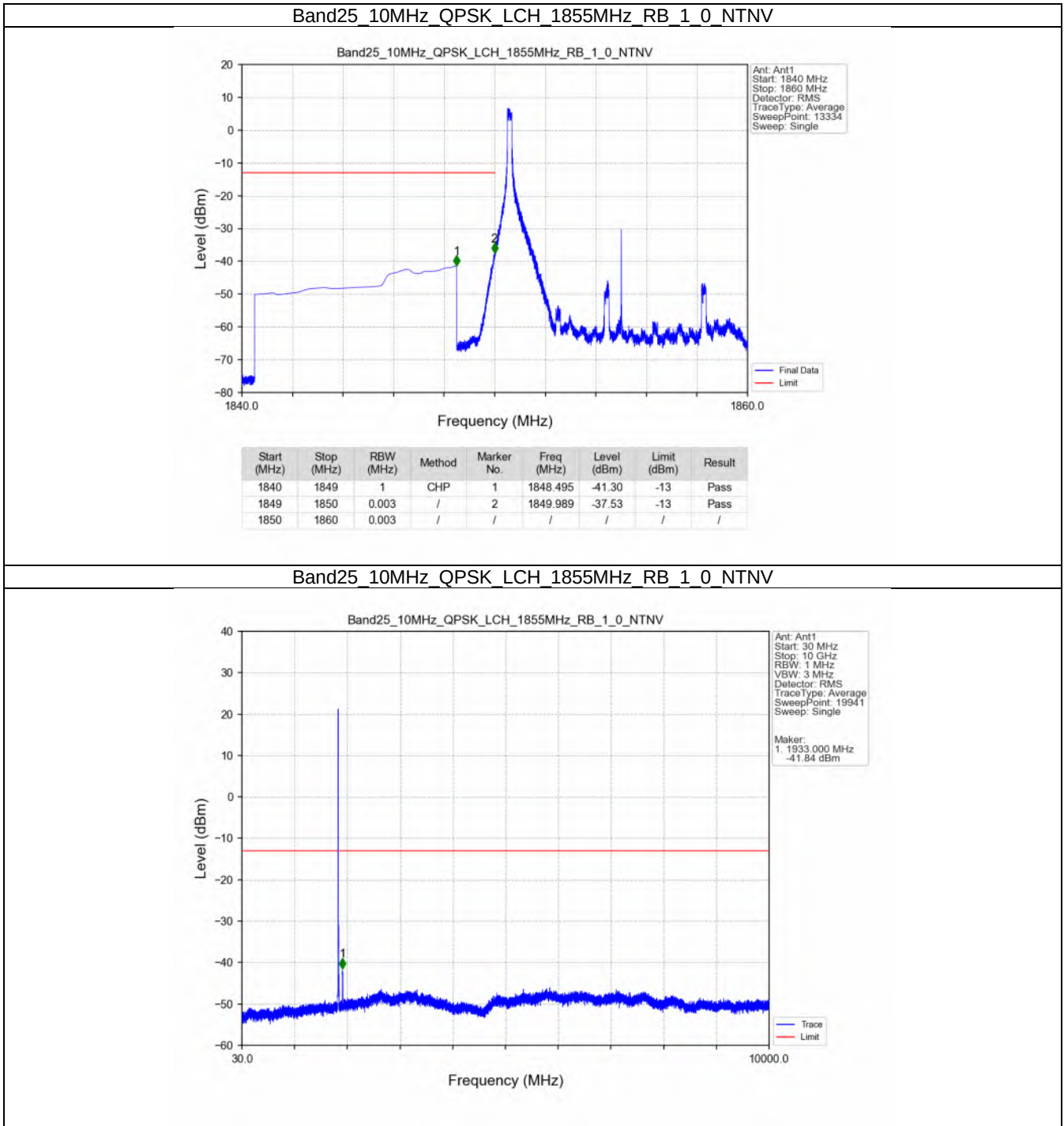
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1910        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.012   | -30.50      | -13         | Pass   |
| 1916        | 1920       | 1         | CHP    | 2          | 1916.500   | -38.20      | -13         | Pass   |

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

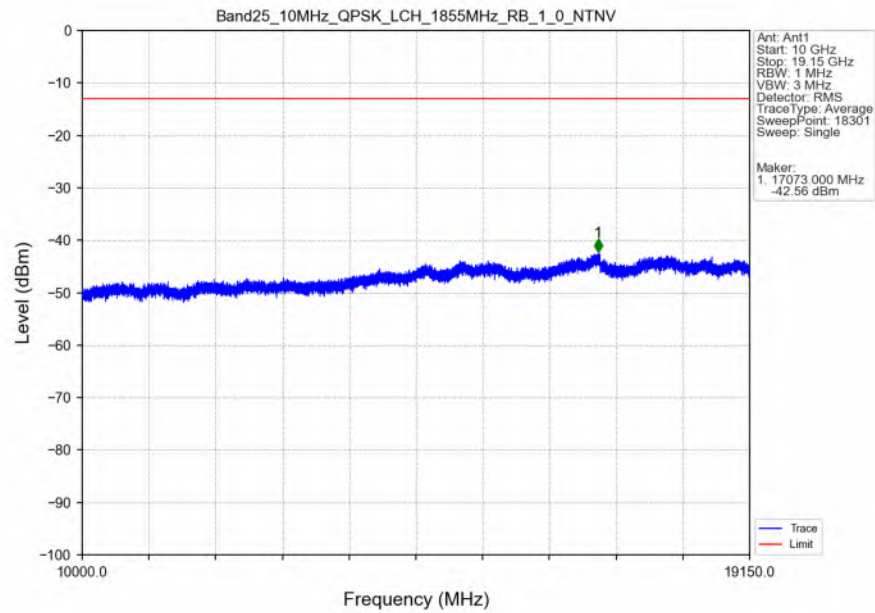


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1910        | 1915       | 0.051     | CHP    | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.051     | CHP    | 1          | 1915.010   | -31.01      | -13         | Pass   |
| 1916        | 1920       | 1         | CHP    | 2          | 1916.500   | -22.49      | -13         | Pass   |

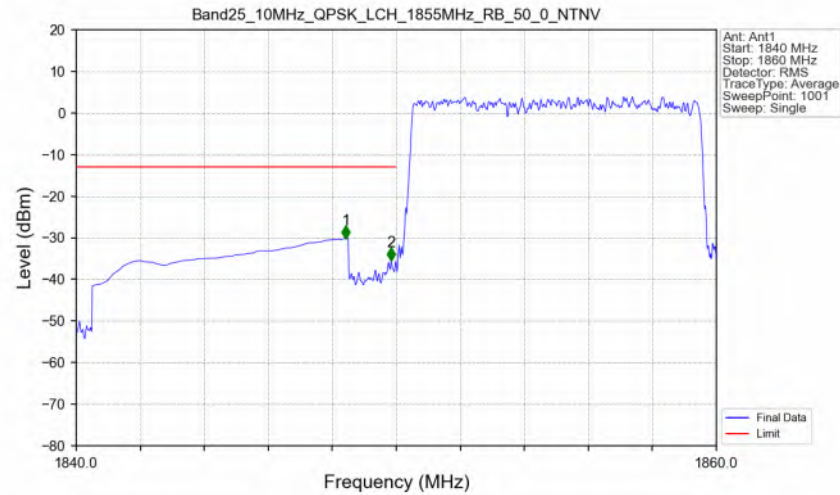
5.2.4 B25\_10MHz



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

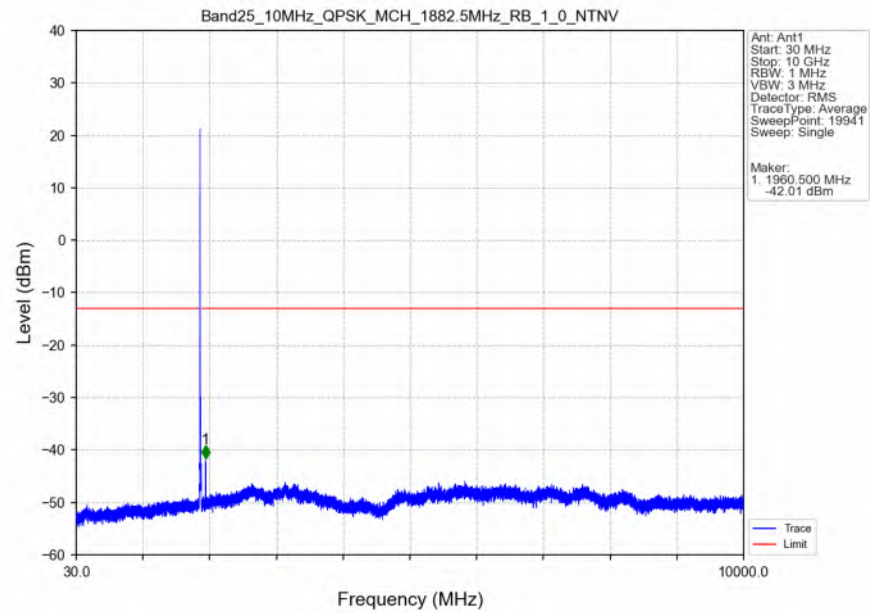


Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV

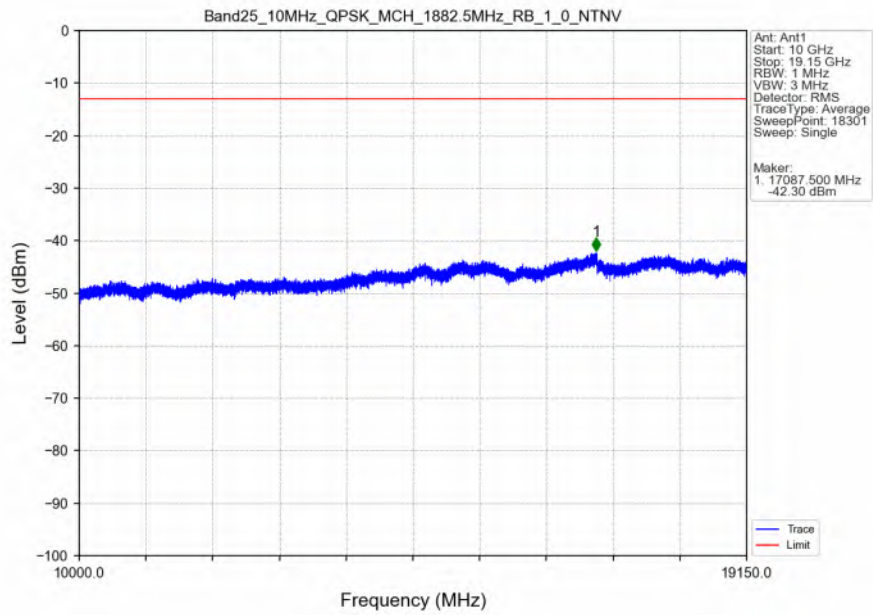


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1840        | 1849       | 1         | CHP    | 1          | 1848.420   | -30.20      | -13         | Pass   |
| 1849        | 1850       | 0.1       | /      | 2          | 1849.840   | -35.58      | -13         | Pass   |
| 1850        | 1860       | 0.1       | /      | /          | /          | /           | /           | /      |

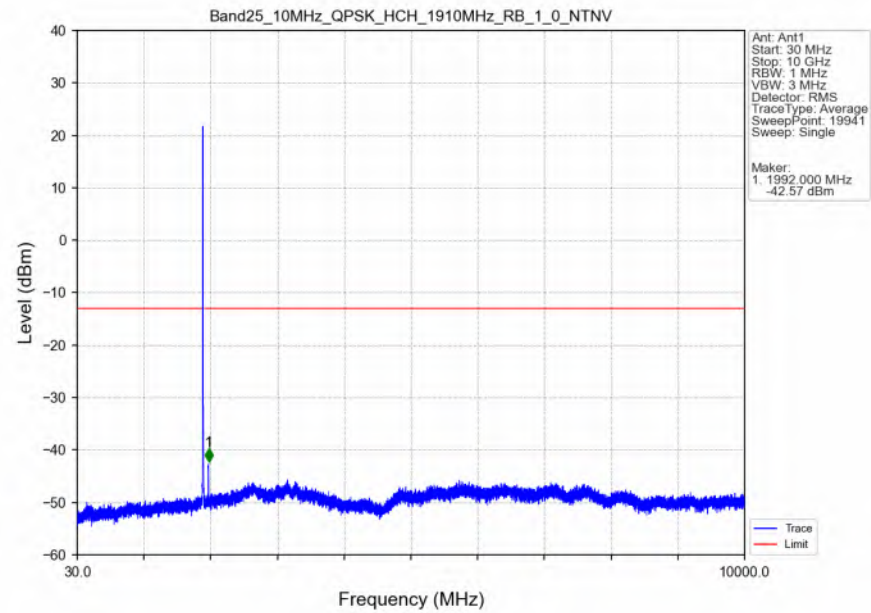
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



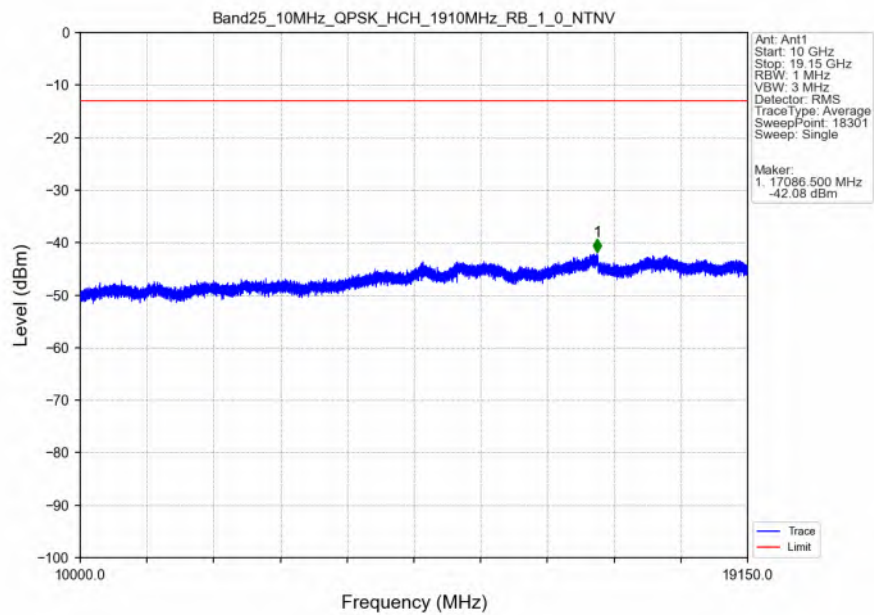
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



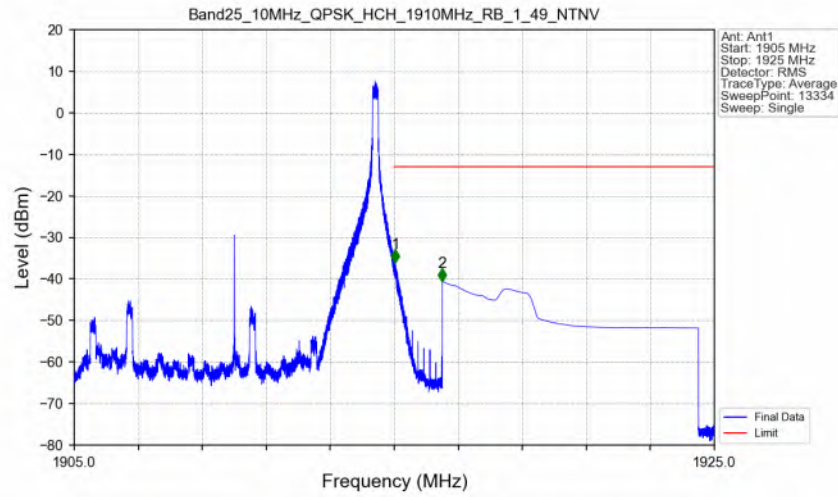
# Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTN



# Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTN

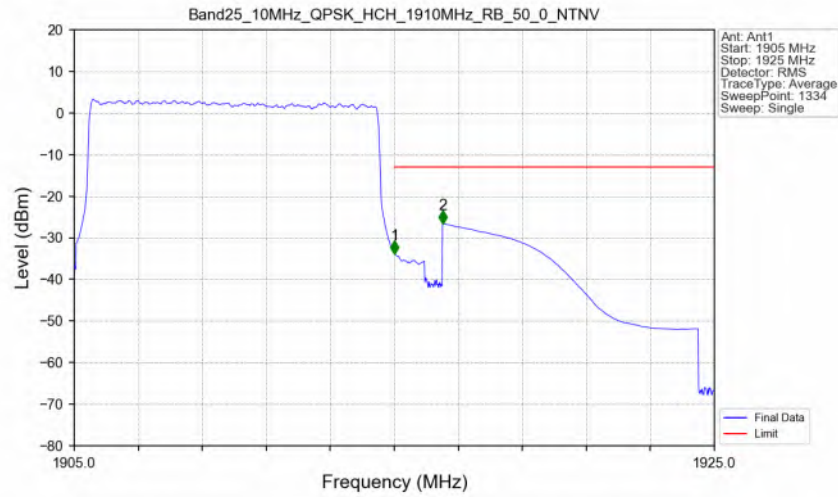


# Band25 10MHz QPSK HCH 1910MHz RB 1 49 NTNV



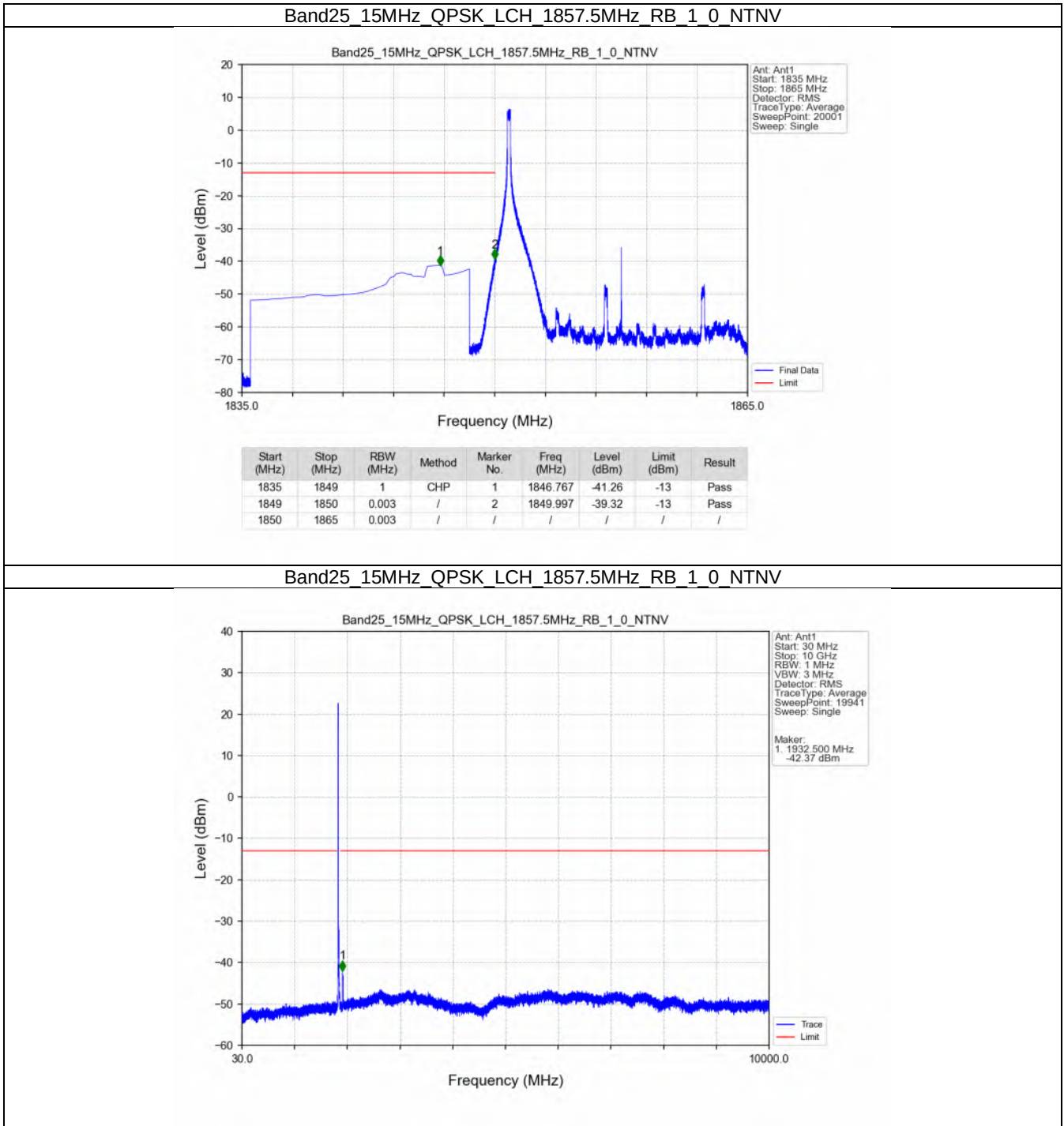
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.026   | -36.06      | -13         | Pass   |
| 1916        | 1925       | 1         | CHP    | 2          | 1916.501   | -40.66      | -13         | Pass   |

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

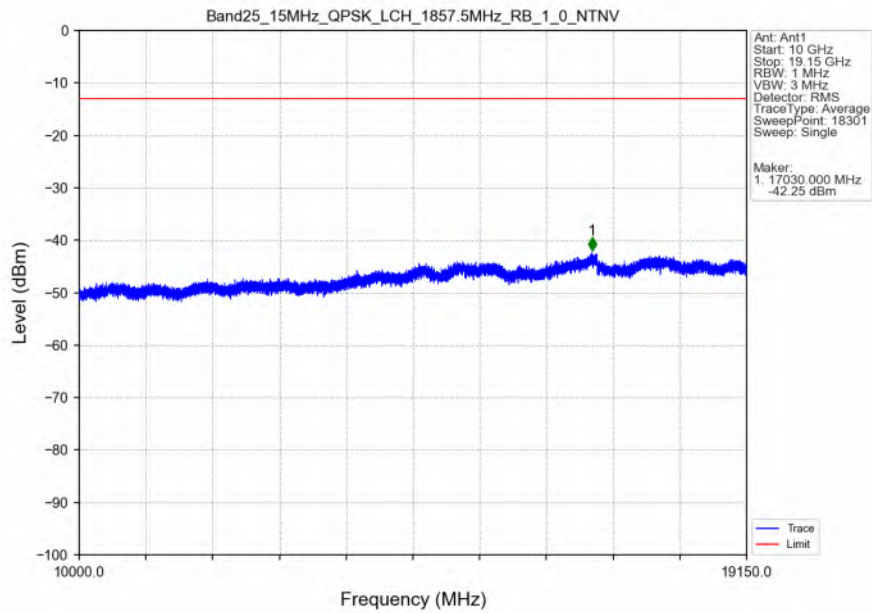


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1915       | 0.099     | CHP    | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.099     | CHP    | 1          | 1915.008   | -33.78      | -13         | Pass   |
| 1916        | 1925       | 1         | CHP    | 2          | 1916.508   | -26.64      | -13         | Pass   |

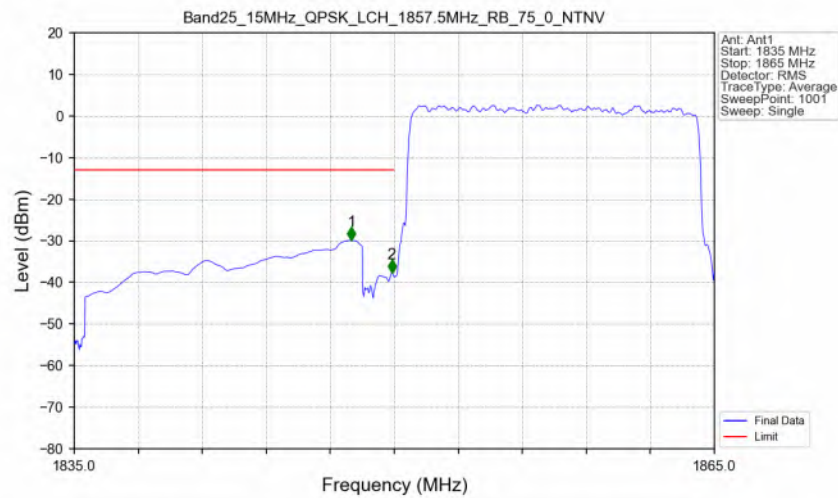
5.2.5 B25\_15MHz



# Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV

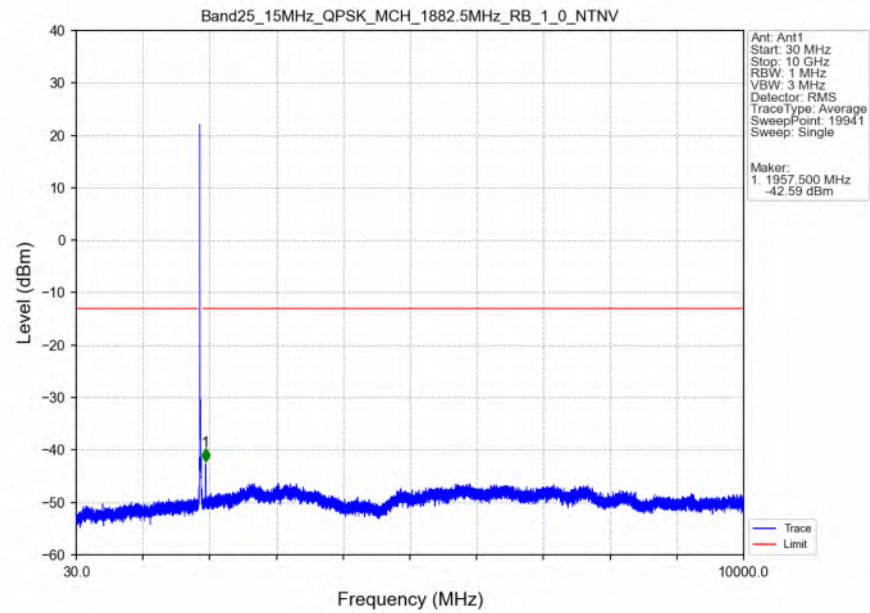


# Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

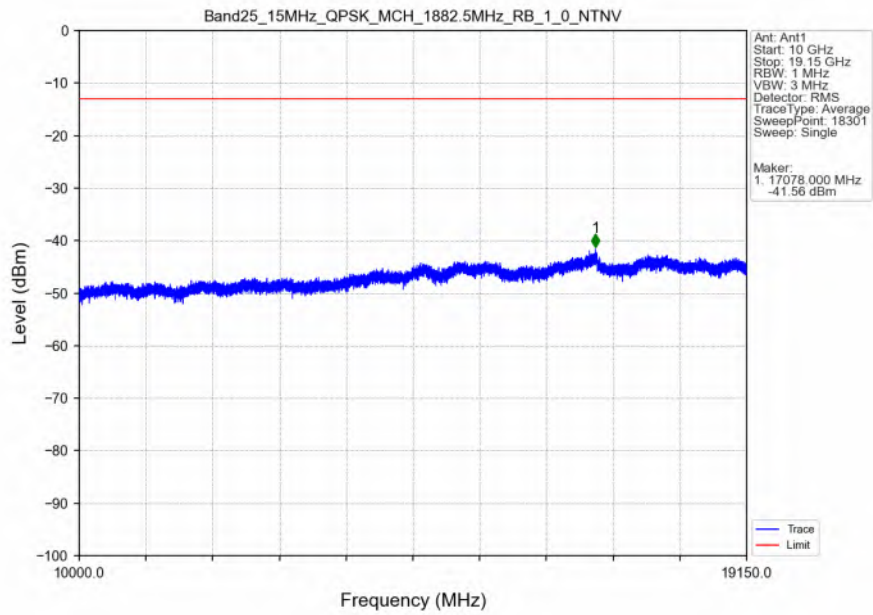


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1835        | 1849       | 1         | CHP    | 1          | 1847.990   | -29.91      | -13         | Pass   |
| 1849        | 1850       | 0.15      | CHP    | 2          | 1849.880   | -37.62      | -13         | Pass   |
| 1850        | 1865       | 0.15      | CHP    | /          | /          | /           | /           | /      |

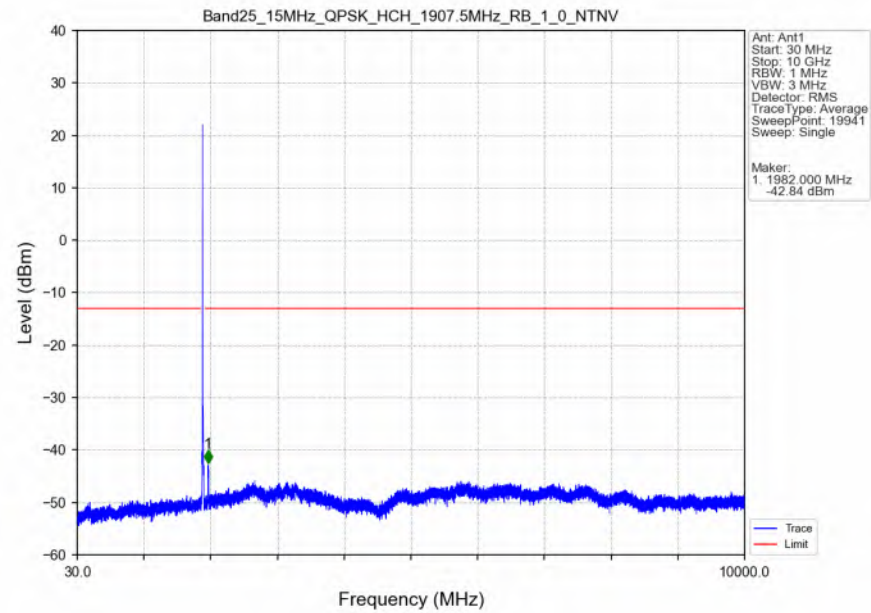
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



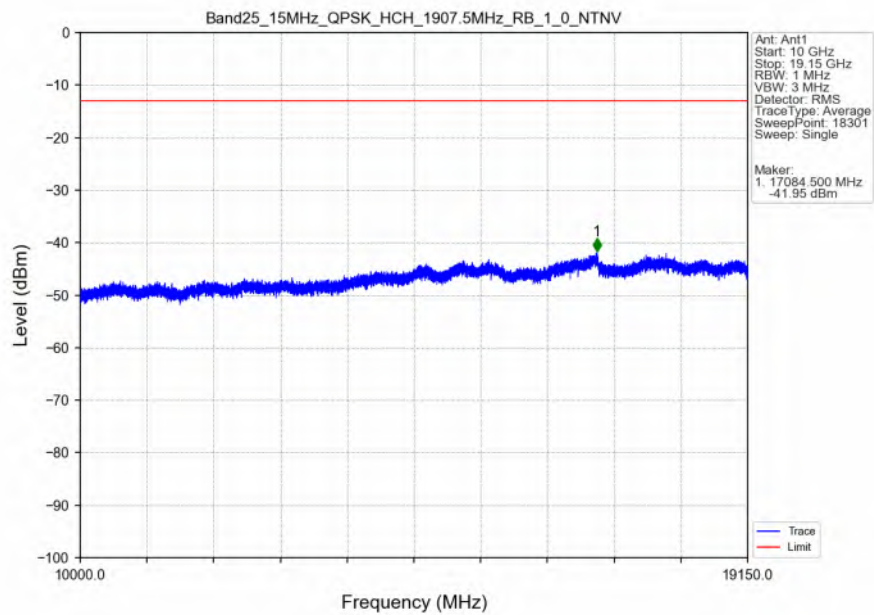
Band25\_15MHz\_QPSK\_MCH\_1882.5MHz\_RB\_1\_0\_NTNV



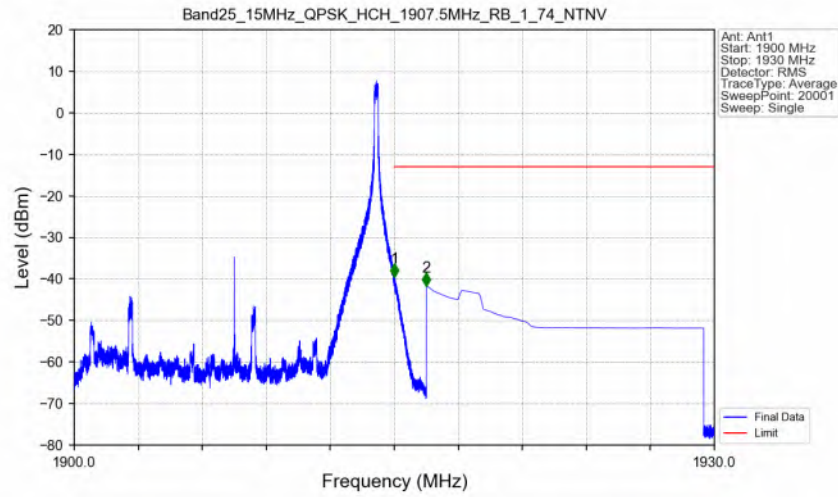
Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



Band25\_15MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV

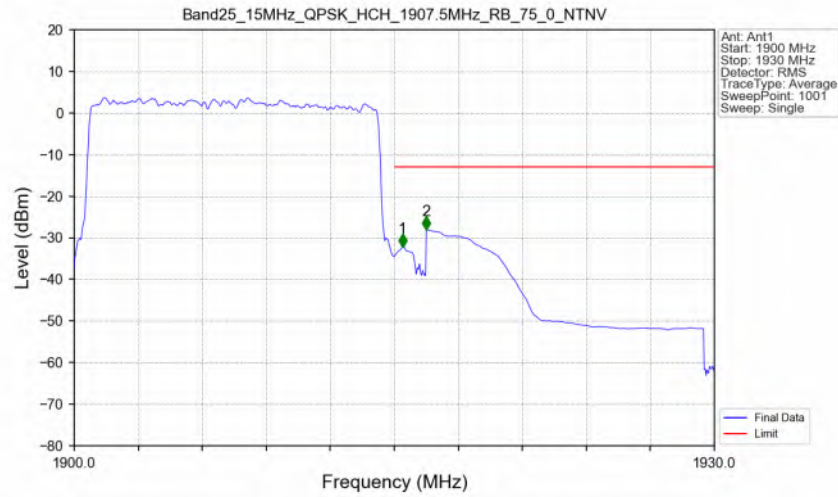


# Band25 15MHz QPSK HCH 1907.5MHz RB 1 74 NTNV



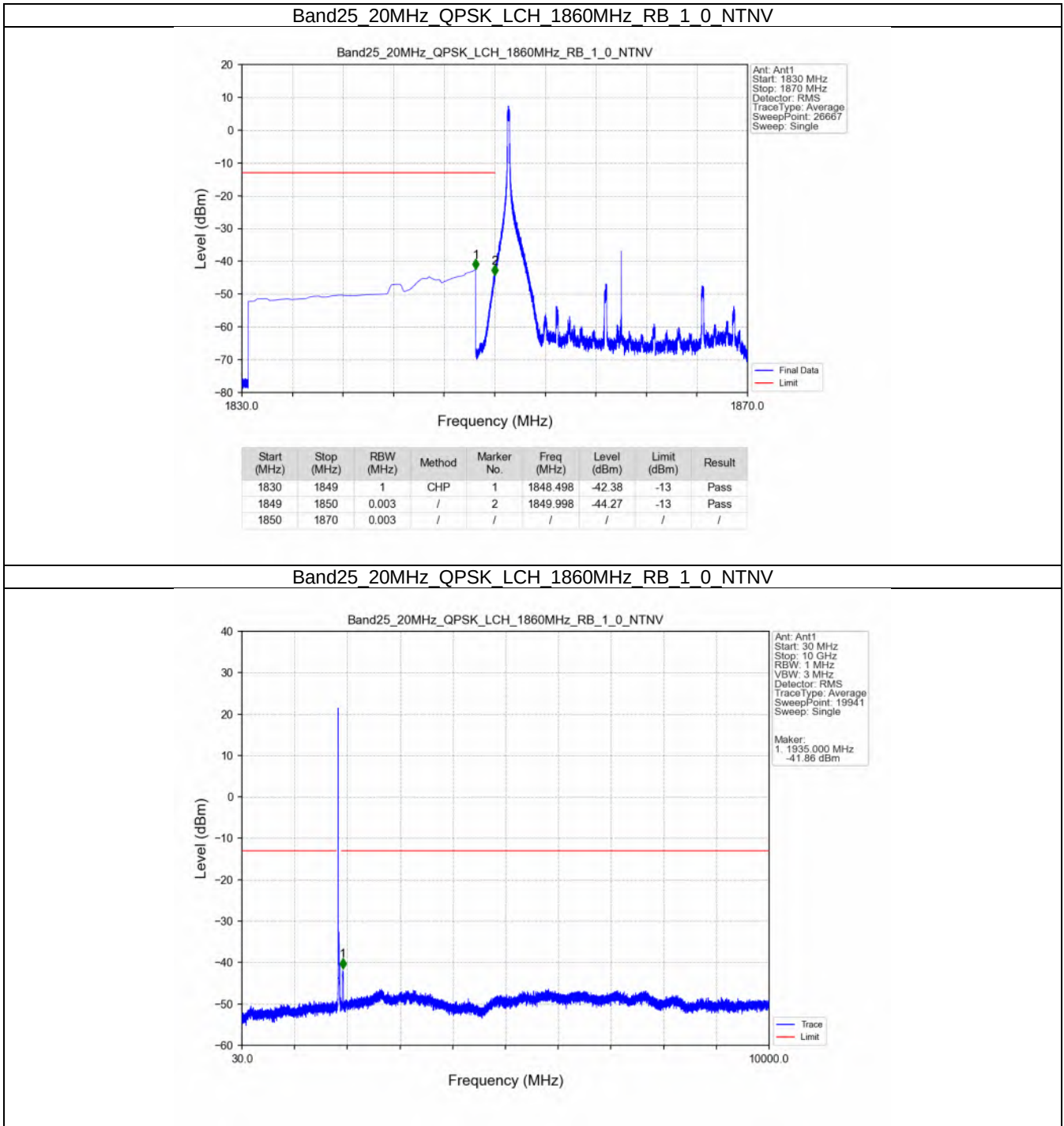
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1900        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.012   | -39.49      | -13         | Pass   |
| 1916        | 1930       | 1         | CHP    | 2          | 1916.500   | -41.71      | -13         | Pass   |

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

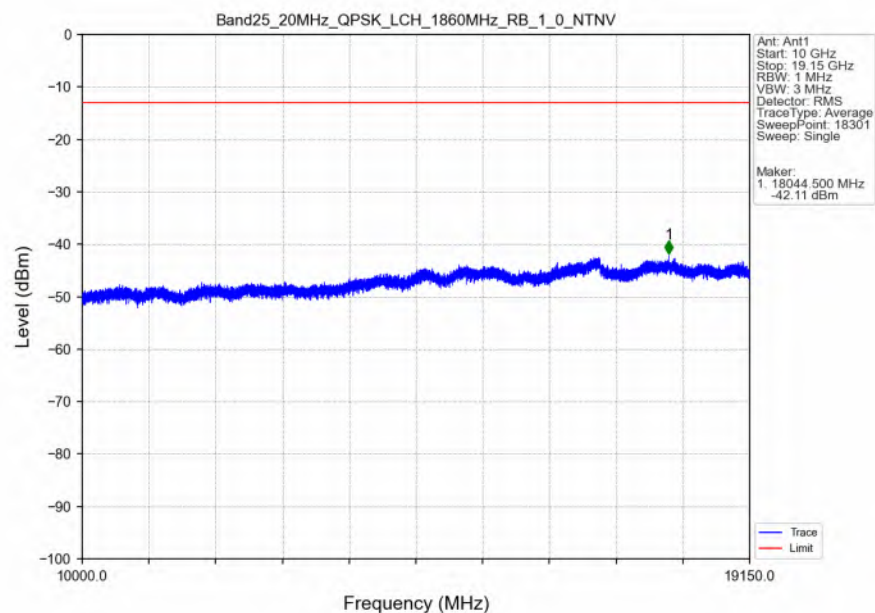


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1900        | 1915       | 0.15      | CHP    | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.15      | CHP    | 1          | 1915.390   | -32.20      | -13         | Pass   |
| 1916        | 1930       | 1         | CHP    | 2          | 1916.500   | -28.11      | -13         | Pass   |

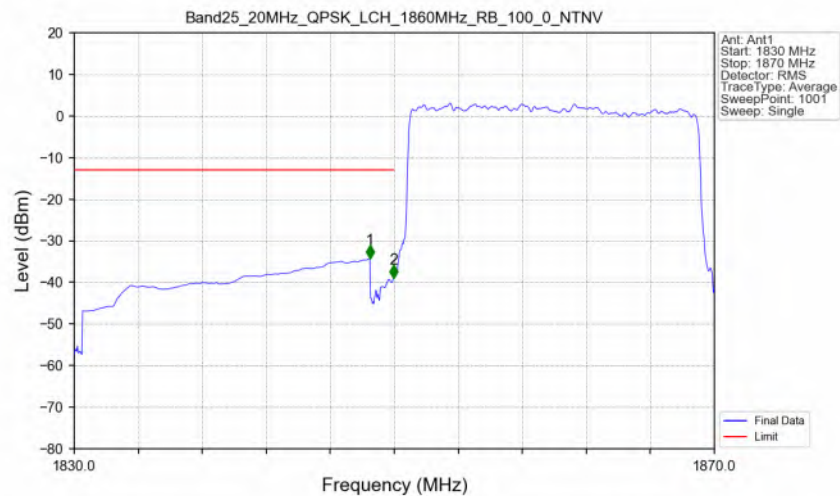
5.2.6 B25\_20MHz



Band25 20MHz QPSK LCH 1860MHz RB 1 0 NTNV

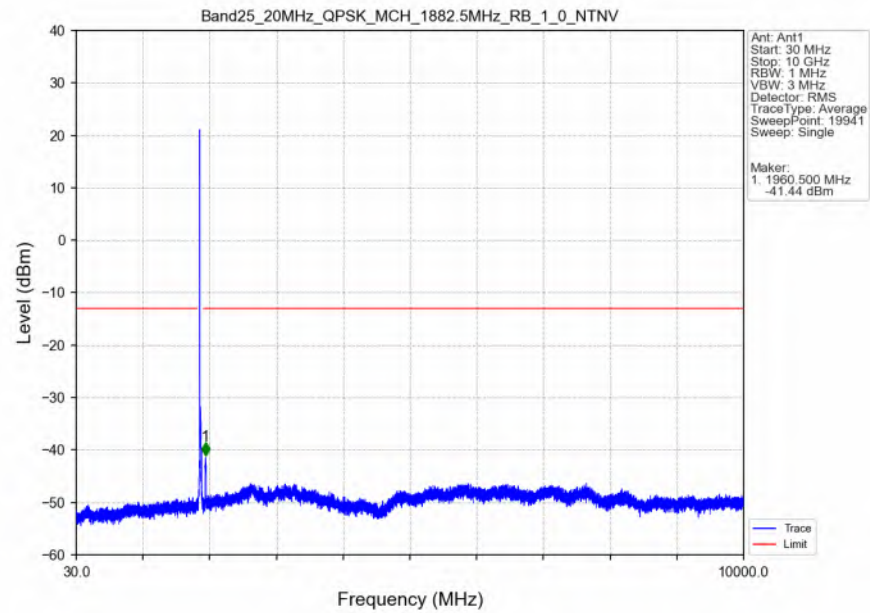


Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTNV

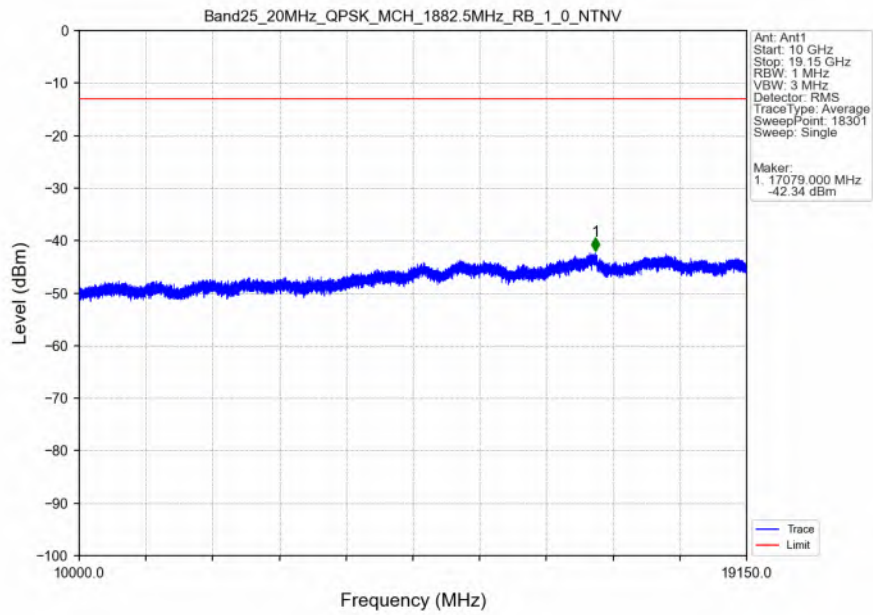


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1830        | 1849       | 1         | CHP    | 1          | 1848.480   | -34.23      | -13         | Pass   |
| 1849        | 1850       | 0.197     | CHP    | 2          | 1849.960   | -38.98      | -13         | Pass   |
| 1850        | 1870       | 0.197     | CHP    | /          | /          | /           | /           | /      |

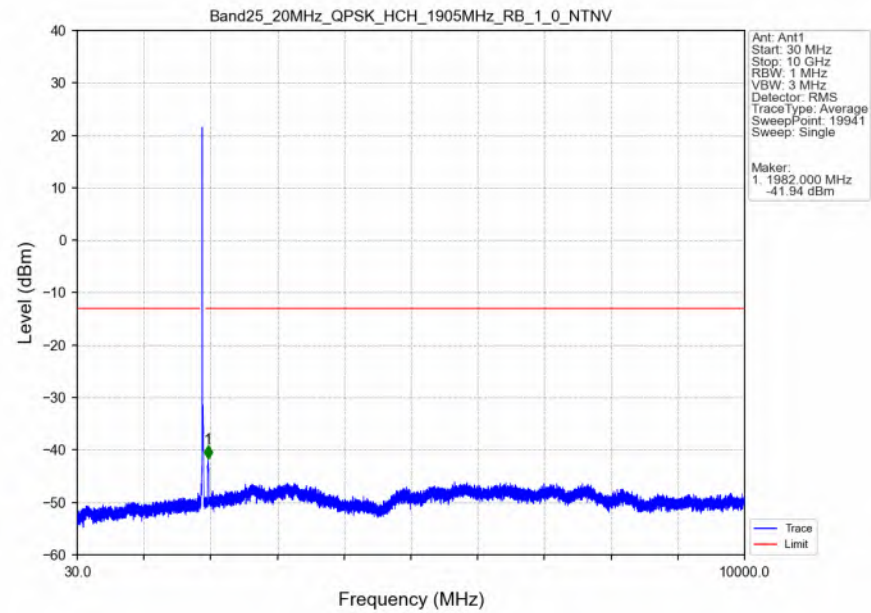
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTV



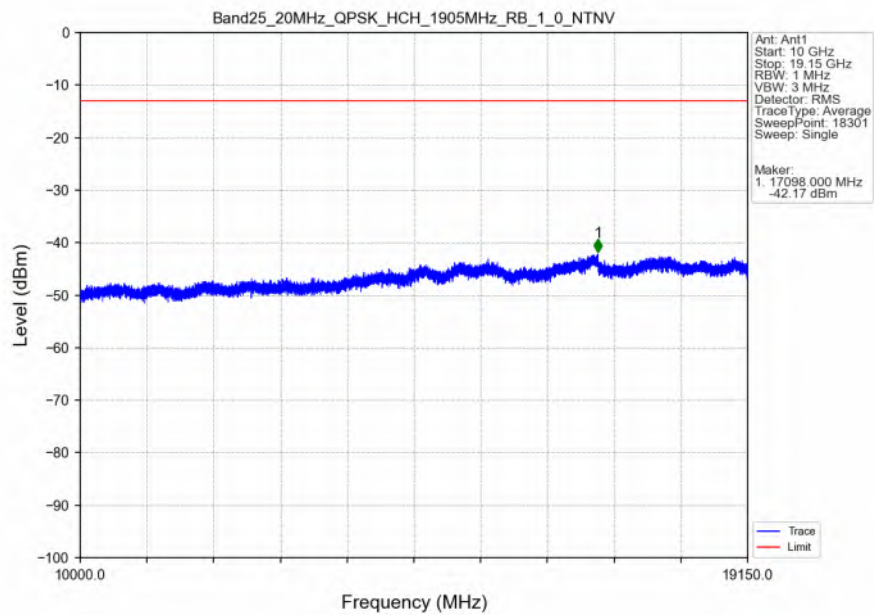
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTV



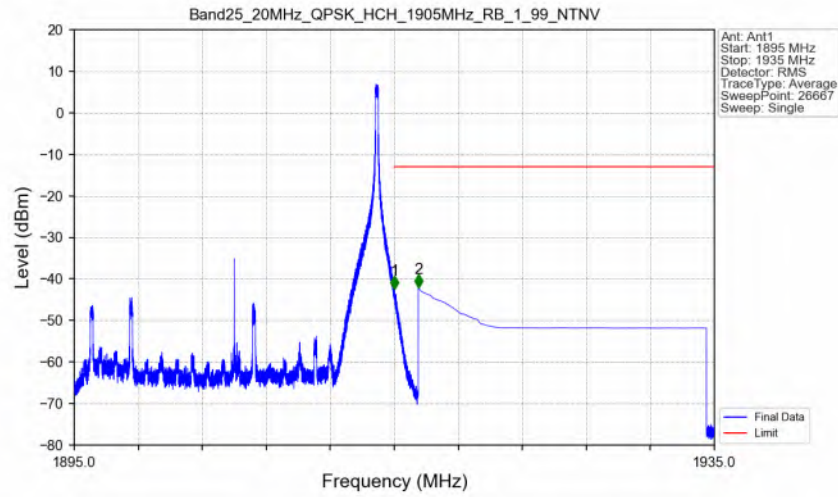
# Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTN



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

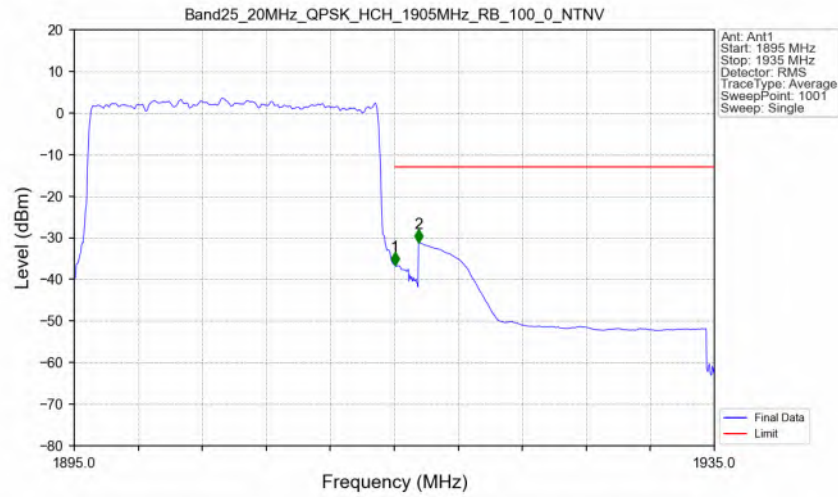


# Band25 20MHz QPSK HCH 1905MHz RB 1 99 NTV



| 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          | 1915.015   | -42.43      | -13         | Pass   |
| 1916        | 1935       | 1         | CHP    | 2          | 1916.500   | -42.12      | -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       | 0.197     | CHP    | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.197     | CHP    | 1          | 1915.040   | -36.66      | -13         | Pass   |
| 1916        | 1935       | 1         | CHP    | 2          | 1916.520   | -31.06      | -13         | Pass   |