

Band: 25 / Bandwidth: 3MHz / NTNV

| Modulation | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
|            |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK       | 1851.5          | 1             | 0      | 20.69                 | 1.55       | 22.24      | <=33.01 | Pass    |
|            |                 |               | 7      | 20.69                 | 1.55       | 22.24      | <=33.01 | Pass    |
|            |                 |               | 14     | 20.72                 | 1.55       | 22.27      | <=33.01 | Pass    |
|            |                 | 8             | 0      | 19.82                 | 1.55       | 21.37      | <=33.01 | Pass    |
|            |                 |               | 4      | 19.81                 | 1.55       | 21.36      | <=33.01 | Pass    |
|            |                 |               | 7      | 19.80                 | 1.55       | 21.35      | <=33.01 | Pass    |
|            |                 | 15            | 0      | 19.79                 | 1.55       | 21.34      | <=33.01 | Pass    |
|            | 1882.5          | 1             | 0      | 20.58                 | 1.55       | 22.13      | <=33.01 | Pass    |
|            |                 |               | 7      | 20.92                 | 1.55       | 22.47      | <=33.01 | Pass    |
|            |                 |               | 14     | 20.88                 | 1.55       | 22.43      | <=33.01 | Pass    |
|            |                 | 8             | 0      | 20.10                 | 1.55       | 21.65      | <=33.01 | Pass    |
|            |                 |               | 4      | 19.97                 | 1.55       | 21.52      | <=33.01 | Pass    |
|            |                 |               | 7      | 20.07                 | 1.55       | 21.62      | <=33.01 | Pass    |
|            |                 | 15            | 0      | 19.93                 | 1.55       | 21.48      | <=33.01 | Pass    |
|            | 1913.5          | 1             | 0      | 20.78                 | 1.55       | 22.33      | <=33.01 | Pass    |
|            |                 |               | 7      | 20.97                 | 1.55       | 22.52      | <=33.01 | Pass    |
|            |                 |               | 14     | 20.93                 | 1.55       | 22.48      | <=33.01 | Pass    |
|            |                 | 8             | 0      | 19.96                 | 1.55       | 21.51      | <=33.01 | Pass    |
|            |                 |               | 4      | 19.92                 | 1.55       | 21.47      | <=33.01 | Pass    |
|            |                 |               | 7      | 19.92                 | 1.55       | 21.47      | <=33.01 | Pass    |
|            |                 | 15            | 0      | 19.98                 | 1.55       | 21.53      | <=33.01 | Pass    |
| 16QAM      | 1851.5          | 1             | 0      | 20.39                 | 1.55       | 21.94      | <=33.01 | Pass    |
|            |                 |               | 7      | 20.40                 | 1.55       | 21.95      | <=33.01 | Pass    |
|            |                 |               | 14     | 20.43                 | 1.55       | 21.98      | <=33.01 | Pass    |
|            |                 | 8             | 0      | 19.16                 | 1.55       | 20.71      | <=33.01 | Pass    |
|            |                 |               | 4      | 19.11                 | 1.55       | 20.66      | <=33.01 | Pass    |
|            |                 |               | 7      | 19.14                 | 1.55       | 20.69      | <=33.01 | Pass    |
|            |                 | 15            | 0      | 18.95                 | 1.55       | 20.50      | <=33.01 | Pass    |
|            | 1882.5          | 1             | 0      | 20.09                 | 1.55       | 21.64      | <=33.01 | Pass    |
|            |                 |               | 7      | 20.06                 | 1.55       | 21.61      | <=33.01 | Pass    |
|            |                 |               | 14     | 20.12                 | 1.55       | 21.67      | <=33.01 | Pass    |
|            |                 | 8             | 0      | 19.18                 | 1.55       | 20.73      | <=33.01 | Pass    |
|            |                 |               | 4      | 19.14                 | 1.55       | 20.69      | <=33.01 | Pass    |
|            |                 |               | 7      | 19.00                 | 1.55       | 20.55      | <=33.01 | Pass    |
|            |                 | 15            | 0      | 18.93                 | 1.55       | 20.48      | <=33.01 | Pass    |
|            | 1913.5          | 1             | 0      | 19.82                 | 1.55       | 21.37      | <=33.01 | Pass    |
|            |                 |               | 7      | 19.70                 | 1.55       | 21.25      | <=33.01 | Pass    |
|            |                 |               | 14     | 19.76                 | 1.55       | 21.31      | <=33.01 | Pass    |
|            |                 | 8             | 0      | 19.15                 | 1.55       | 20.70      | <=33.01 | Pass    |
|            |                 |               | 4      | 19.09                 | 1.55       | 20.64      | <=33.01 | Pass    |
|            |                 |               | 7      | 19.11                 | 1.55       | 20.66      | <=33.01 | Pass    |
|            |                 | 15            | 0      | 18.91                 | 1.55       | 20.46      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.3 B25\_5MHz\_EIRP

| Band: 25 / Bandwidth: 5MHz / NTV |                 |               |        |                       |            |            |         |         |
|----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                  |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                             | 1852.5          | 1             | 0      | 20.36                 | 1.55       | 21.91      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 20.37                 | 1.55       | 21.92      | <=33.01 | Pass    |
|                                  |                 |               | 24     | 20.39                 | 1.55       | 21.94      | <=33.01 | Pass    |
|                                  |                 | 12            | 0      | 19.84                 | 1.55       | 21.39      | <=33.01 | Pass    |
|                                  |                 |               | 6      | 19.83                 | 1.55       | 21.38      | <=33.01 | Pass    |
|                                  |                 |               | 13     | 19.83                 | 1.55       | 21.38      | <=33.01 | Pass    |

|       |        |    |    |       |      |       |         |      |
|-------|--------|----|----|-------|------|-------|---------|------|
| 16QAM | 1882.5 | 25 | 0  | 19.86 | 1.55 | 21.41 | <=33.01 | Pass |
|       |        | 1  | 0  | 20.29 | 1.55 | 21.84 | <=33.01 | Pass |
|       |        |    | 13 | 20.22 | 1.55 | 21.77 | <=33.01 | Pass |
|       |        |    | 24 | 20.23 | 1.55 | 21.78 | <=33.01 | Pass |
|       |        | 12 | 0  | 19.79 | 1.55 | 21.34 | <=33.01 | Pass |
|       |        |    | 6  | 19.81 | 1.55 | 21.36 | <=33.01 | Pass |
|       |        |    | 13 | 19.81 | 1.55 | 21.36 | <=33.01 | Pass |
|       |        | 25 | 0  | 19.78 | 1.55 | 21.33 | <=33.01 | Pass |
|       | 1912.5 | 1  | 0  | 20.22 | 1.55 | 21.77 | <=33.01 | Pass |
|       |        |    | 13 | 20.25 | 1.55 | 21.80 | <=33.01 | Pass |
|       |        |    | 24 | 20.50 | 1.55 | 22.05 | <=33.01 | Pass |
|       |        | 12 | 0  | 19.91 | 1.55 | 21.46 | <=33.01 | Pass |
|       |        |    | 6  | 19.94 | 1.55 | 21.49 | <=33.01 | Pass |
|       |        |    | 13 | 19.87 | 1.55 | 21.42 | <=33.01 | Pass |
|       |        | 25 | 0  | 19.94 | 1.55 | 21.49 | <=33.01 | Pass |
|       | 1852.5 | 1  | 0  | 19.58 | 1.55 | 21.13 | <=33.01 | Pass |
|       |        |    | 13 | 19.61 | 1.55 | 21.16 | <=33.01 | Pass |
|       |        |    | 24 | 19.57 | 1.55 | 21.12 | <=33.01 | Pass |
|       |        | 12 | 0  | 19.03 | 1.55 | 20.58 | <=33.01 | Pass |
|       |        |    | 6  | 19.01 | 1.55 | 20.56 | <=33.01 | Pass |
|       |        |    | 13 | 19.03 | 1.55 | 20.58 | <=33.01 | Pass |
|       |        | 25 | 0  | 18.97 | 1.55 | 20.52 | <=33.01 | Pass |
|       | 1882.5 | 1  | 0  | 19.40 | 1.55 | 20.95 | <=33.01 | Pass |
|       |        |    | 13 | 19.37 | 1.55 | 20.92 | <=33.01 | Pass |
|       |        |    | 24 | 19.39 | 1.55 | 20.94 | <=33.01 | Pass |
|       |        | 12 | 0  | 18.85 | 1.55 | 20.40 | <=33.01 | Pass |
|       |        |    | 6  | 18.90 | 1.55 | 20.45 | <=33.01 | Pass |
|       |        |    | 13 | 18.91 | 1.55 | 20.46 | <=33.01 | Pass |
|       |        | 25 | 0  | 18.91 | 1.55 | 20.46 | <=33.01 | Pass |
|       | 1912.5 | 1  | 0  | 19.68 | 1.55 | 21.23 | <=33.01 | Pass |
|       |        |    | 13 | 19.64 | 1.55 | 21.19 | <=33.01 | Pass |
|       |        |    | 24 | 19.69 | 1.55 | 21.24 | <=33.01 | Pass |
|       |        | 12 | 0  | 19.09 | 1.55 | 20.64 | <=33.01 | Pass |
|       |        |    | 6  | 19.07 | 1.55 | 20.62 | <=33.01 | Pass |
|       |        |    | 13 | 19.04 | 1.55 | 20.59 | <=33.01 | Pass |
|       |        | 25 | 0  | 18.93 | 1.55 | 20.48 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.4 B25\_10MHz\_EIRP

| Band: 25 / Bandwidth: 10MHz / NTN |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1855            | 1             | 0      | 20.48                 | 1.55       | 22.03      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 20.48                 | 1.55       | 22.03      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 20.46                 | 1.55       | 22.01      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 19.59                 | 1.55       | 21.14      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 19.57                 | 1.55       | 21.12      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 19.50                 | 1.55       | 21.05      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 19.85                 | 1.55       | 21.40      | <=33.01 | Pass    |
|                                   | 1882.5          | 1             | 0      | 20.17                 | 1.55       | 21.72      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 20.46                 | 1.55       | 22.01      | <=33.01 | Pass    |
|                                   |                 |               | 49     | 20.37                 | 1.55       | 21.92      | <=33.01 | Pass    |
|                                   |                 | 25            | 0      | 19.61                 | 1.55       | 21.16      | <=33.01 | Pass    |
|                                   |                 |               | 13     | 19.58                 | 1.55       | 21.13      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 19.58                 | 1.55       | 21.13      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 19.81                 | 1.55       | 21.36      | <=33.01 | Pass    |

|       |        |    |    |       |      |       |         |      |
|-------|--------|----|----|-------|------|-------|---------|------|
| 16QAM | 1910   | 1  | 0  | 20.28 | 1.55 | 21.83 | <=33.01 | Pass |
|       |        |    | 25 | 20.45 | 1.55 | 22.00 | <=33.01 | Pass |
|       |        |    | 49 | 20.69 | 1.55 | 22.24 | <=33.01 | Pass |
|       |        | 25 | 0  | 19.56 | 1.55 | 21.11 | <=33.01 | Pass |
|       |        |    | 13 | 19.56 | 1.55 | 21.11 | <=33.01 | Pass |
|       |        |    | 25 | 19.68 | 1.55 | 21.23 | <=33.01 | Pass |
|       |        | 50 | 0  | 19.81 | 1.55 | 21.36 | <=33.01 | Pass |
|       |        |    | 0  | 19.88 | 1.55 | 21.43 | <=33.01 | Pass |
|       |        |    | 25 | 19.91 | 1.55 | 21.46 | <=33.01 | Pass |
|       | 1855   | 1  | 49 | 19.79 | 1.55 | 21.34 | <=33.01 | Pass |
|       |        |    | 0  | 19.02 | 1.55 | 20.57 | <=33.01 | Pass |
|       |        |    | 13 | 19.01 | 1.55 | 20.56 | <=33.01 | Pass |
|       |        | 25 | 25 | 18.92 | 1.55 | 20.47 | <=33.01 | Pass |
|       |        |    | 0  | 18.98 | 1.55 | 20.53 | <=33.01 | Pass |
|       |        |    | 0  | 19.55 | 1.55 | 21.10 | <=33.01 | Pass |
|       |        | 1  | 25 | 19.98 | 1.55 | 21.53 | <=33.01 | Pass |
|       |        |    | 49 | 19.82 | 1.55 | 21.37 | <=33.01 | Pass |
|       |        |    | 0  | 19.00 | 1.55 | 20.55 | <=33.01 | Pass |
| 16QAM | 1882.5 | 25 | 13 | 18.99 | 1.55 | 20.54 | <=33.01 | Pass |
|       |        |    | 25 | 18.92 | 1.55 | 20.47 | <=33.01 | Pass |
|       |        |    | 0  | 18.91 | 1.55 | 20.46 | <=33.01 | Pass |
|       |        | 50 | 0  | 18.91 | 1.55 | 20.46 | <=33.01 | Pass |
|       |        |    | 0  | 19.65 | 1.55 | 21.20 | <=33.01 | Pass |
|       |        |    | 25 | 19.67 | 1.55 | 21.22 | <=33.01 | Pass |
|       |        | 1  | 49 | 19.80 | 1.55 | 21.35 | <=33.01 | Pass |
|       |        |    | 0  | 18.89 | 1.55 | 20.44 | <=33.01 | Pass |
|       |        |    | 13 | 18.89 | 1.55 | 20.44 | <=33.01 | Pass |
|       | 1910   | 25 | 25 | 18.96 | 1.55 | 20.51 | <=33.01 | Pass |
|       |        |    | 0  | 18.90 | 1.55 | 20.45 | <=33.01 | Pass |
|       |        |    | 0  | 18.90 | 1.55 | 20.45 | <=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      | 20.46                 | 1.55       | 22.01      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 20.46                 | 1.55       | 22.01      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 20.43                 | 1.55       | 21.98      | <=33.01 | Pass    |
|                                    |                 | 36            | 0      | 19.61                 | 1.55       | 21.16      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 19.53                 | 1.55       | 21.08      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 19.45                 | 1.55       | 21.00      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 19.72                 | 1.55       | 21.27      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 20.39                 | 1.55       | 21.94      | <=33.01 | Pass    |
|                                    |                 |               | 38     | 20.77                 | 1.55       | 22.32      | <=33.01 | Pass    |
|                                    | 1882.5          | 1             | 74     | 20.60                 | 1.55       | 22.15      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 19.47                 | 1.55       | 21.02      | <=33.01 | Pass    |
|                                    |                 |               | 18     | 19.89                 | 1.55       | 21.44      | <=33.01 | Pass    |
|                                    |                 | 36            | 39     | 19.71                 | 1.55       | 21.26      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 20.11                 | 1.55       | 21.66      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 20.27                 | 1.55       | 21.82      | <=33.01 | Pass    |
|                                    |                 | 1             | 38     | 20.50                 | 1.55       | 22.05      | <=33.01 | Pass    |
|                                    |                 |               | 74     | 20.65                 | 1.55       | 22.20      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 19.35                 | 1.55       | 20.90      | <=33.01 | Pass    |
|                                    | 1907.5          | 36            | 18     | 19.64                 | 1.55       | 21.19      | <=33.01 | Pass    |
|                                    |                 |               | 39     | 19.83                 | 1.55       | 21.38      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 19.83                 | 1.55       | 21.38      | <=33.01 | Pass    |
|                                    |                 | 75            | 0      | 19.83                 | 1.55       | 21.38      | <=33.01 | Pass    |
|                                    |                 |               | 0      | 20.46                 | 1.55       | 22.01      | <=33.01 | Pass    |

|       |        |   |   |       |      |       |         |      |
|-------|--------|---|---|-------|------|-------|---------|------|
| 16QAM | 1857.5 | 1 | 0 | 20.46 | 1.55 | 22.01 | <=33.01 | Pass |
|-------|--------|---|---|-------|------|-------|---------|------|

|  |        |        |    |       |       |       |         |         |
|--|--------|--------|----|-------|-------|-------|---------|---------|
|  |        |        | 38 | 20.40 | 1.55  | 21.95 | <=33.01 | Pass    |
|  |        |        | 74 | 20.42 | 1.55  | 21.97 | <=33.01 | Pass    |
|  |        | 36     | 0  | 19.03 | 1.55  | 20.58 | <=33.01 | Pass    |
|  |        |        | 18 | 18.93 | 1.55  | 20.48 | <=33.01 | Pass    |
|  |        |        | 39 | 18.86 | 1.55  | 20.41 | <=33.01 | Pass    |
|  |        | 75     | 0  | 19.10 | 1.55  | 20.65 | <=33.01 | Pass    |
|  |        | 1882.5 | 1  | 0     | 19.48 | 1.55  | 21.03   | <=33.01 |
|  | 38     |        |    | 19.96 | 1.55  | 21.51 | <=33.01 | Pass    |
|  | 74     |        |    | 19.77 | 1.55  | 21.32 | <=33.01 | Pass    |
|  | 36     |        | 0  | 18.75 | 1.55  | 20.30 | <=33.01 | Pass    |
|  |        |        | 18 | 19.24 | 1.55  | 20.79 | <=33.01 | Pass    |
|  |        |        | 39 | 19.04 | 1.55  | 20.59 | <=33.01 | Pass    |
|  | 75     |        | 0  | 19.18 | 1.55  | 20.73 | <=33.01 | Pass    |
|  | 1907.5 | 1      | 0  | 19.60 | 1.55  | 21.15 | <=33.01 | Pass    |
|  |        |        | 38 | 19.86 | 1.55  | 21.41 | <=33.01 | Pass    |
|  |        |        | 74 | 20.02 | 1.55  | 21.57 | <=33.01 | Pass    |
|  |        | 36     | 0  | 18.79 | 1.55  | 20.34 | <=33.01 | Pass    |
|  |        |        | 18 | 19.03 | 1.55  | 20.58 | <=33.01 | Pass    |
|  |        |        | 39 | 19.11 | 1.55  | 20.66 | <=33.01 | Pass    |
|  |        | 75     | 0  | 18.90 | 1.55  | 20.45 | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.6 B25\_20MHz\_EIRP

| Band: 25 / Bandwidth: 20MHz / NTN |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 1860            | 1             | 0      | 20.88                 | 1.55       | 22.43      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 20.88                 | 1.55       | 22.43      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 20.73                 | 1.55       | 22.28      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 19.73                 | 1.55       | 21.28      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 19.69                 | 1.55       | 21.24      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 19.61                 | 1.55       | 21.16      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 19.75                 | 1.55       | 21.30      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 20.49                 | 1.55       | 22.04      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 20.78                 | 1.55       | 22.33      | <=33.01 | Pass    |
|                                   |                 | 1             | 99     | 20.48                 | 1.55       | 22.03      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 19.37                 | 1.55       | 20.92      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 19.81                 | 1.55       | 21.36      | <=33.01 | Pass    |
| 16QAM                             | 1882.5          | 50            | 50     | 19.66                 | 1.55       | 21.21      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 19.79                 | 1.55       | 21.34      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 20.29                 | 1.55       | 21.84      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 20.36                 | 1.55       | 21.91      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 20.77                 | 1.55       | 22.32      | <=33.01 | Pass    |
|                                   |                 | 1             | 0      | 19.30                 | 1.55       | 20.85      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 19.28                 | 1.55       | 20.83      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 19.53                 | 1.55       | 21.08      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 19.30                 | 1.55       | 20.85      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 19.84                 | 1.55       | 21.39      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 19.75                 | 1.55       | 21.30      | <=33.01 | Pass    |
|                                   |                 | 1             | 99     | 19.60                 | 1.55       | 21.15      | <=33.01 | Pass    |
|                                   | 1860            | 50            | 0      | 18.89                 | 1.55       | 20.44      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 18.85                 | 1.55       | 20.40      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 18.76                 | 1.55       | 20.31      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 18.76                 | 1.55       | 20.31      | <=33.01 | Pass    |
|                                   |                 |               | 0      | 19.17                 | 1.55       | 20.72      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 19.60                 | 1.55       | 21.15      | <=33.01 | Pass    |

|  |      |                                          |    |       |      |       |         |      |
|--|------|------------------------------------------|----|-------|------|-------|---------|------|
|  |      |                                          | 99 | 19.26 | 1.55 | 20.81 | <=33.01 | Pass |
|  |      | 50                                       | 0  | 18.47 | 1.55 | 20.02 | <=33.01 | Pass |
|  |      |                                          | 25 | 18.95 | 1.55 | 20.50 | <=33.01 | Pass |
|  |      |                                          | 50 | 18.81 | 1.55 | 20.36 | <=33.01 | Pass |
|  |      | 100                                      | 0  | 18.85 | 1.55 | 20.40 | <=33.01 | Pass |
|  | 1905 | 1                                        | 0  | 19.65 | 1.55 | 21.20 | <=33.01 | Pass |
|  |      |                                          | 50 | 19.64 | 1.55 | 21.19 | <=33.01 | Pass |
|  |      |                                          | 99 | 20.11 | 1.55 | 21.66 | <=33.01 | Pass |
|  |      | 50                                       | 0  | 18.52 | 1.55 | 20.07 | <=33.01 | Pass |
|  |      |                                          | 25 | 18.47 | 1.55 | 20.02 | <=33.01 | Pass |
|  |      |                                          | 50 | 18.72 | 1.55 | 20.27 | <=33.01 | Pass |
|  |      | 100                                      | 0  | 18.39 | 1.55 | 19.94 | <=33.01 | Pass |
|  |      | Note1: EIRP=Conducted Power+Antenna Gain |    |       |      |       |         |      |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B25\_1.4MHz

| Band: 25 / Bandwidth: 1.4MHz |                 |               |        |            |               |                  |                       |             |         |
|------------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                   | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                              |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                         | 1850.7          | 6             | 0      | 20         | 3.27          | -0.229           | -0.0001               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 3.85          | -0.787           | -0.0004               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 4.43          | 1.459            | 0.0008                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 3.85          | 0.558            | 0.0003                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 3.85          | 0.887            | 0.0005                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 3.85          | 1.860            | 0.0010                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 3.85          | 2.060            | 0.0011                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 3.85          | 3.161            | 0.0017                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | 3.85          | 2.375            | 0.0013                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | 3.85          | 2.389            | 0.0013                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 50         | 3.85          | 2.275            | 0.0012                | -2.5 to 2.5 | Pass    |
|                              | 1882.5          | 6             | 0      | 20         | 3.27          | 0.186            | 0.0001                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 3.85          | -0.343           | -0.0002               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 4.43          | -0.114           | -0.0001               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 3.85          | -0.200           | -0.0001               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 3.85          | -1.001           | -0.0005               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 3.85          | -0.086           | 0.0000                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 3.85          | 0.558            | 0.0003                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 3.85          | 1.416            | 0.0008                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | 3.85          | -0.072           | 0.0000                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | 3.85          | -0.186           | -0.0001               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 50         | 3.85          | -0.029           | 0.0000                | -2.5 to 2.5 | Pass    |
|                              | 1914.3          | 6             | 0      | 20         | 3.27          | 0.143            | 0.0001                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 3.85          | 1.202            | 0.0006                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        |            | 4.43          | 0.672            | 0.0004                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -30        | 3.85          | 1.488            | 0.0008                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -20        | 3.85          | 1.259            | 0.0007                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | -10        | 3.85          | 0.300            | 0.0002                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 0          | 3.85          | 1.459            | 0.0008                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 10         | 3.85          | 1.459            | 0.0008                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 30         | 3.85          | -0.830           | -0.0004               | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 40         | 3.85          | 0.715            | 0.0004                | -2.5 to 2.5 | Pass    |
|                              |                 |               |        | 50         | 3.85          | 1.516            | 0.0008                | -2.5 to 2.5 | Pass    |

|       |        |   |   |     |      |        |         |             |      |
|-------|--------|---|---|-----|------|--------|---------|-------------|------|
| 16QAM | 1850.7 | 6 | 0 | 20  | 3.27 | 1.445  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | 2.275  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | 1.931  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | 1.416  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | 1.802  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | 1.545  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | 1.330  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | 0.973  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | 0.744  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | 1.402  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | 0.787  | 0.0004  | -2.5 to 2.5 | Pass |
|       | 1882.5 | 6 | 0 | 20  | 3.27 | -0.358 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | -0.501 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | -0.329 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | -0.014 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | -1.087 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | -0.744 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | -0.715 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | -1.316 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | -1.144 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | -1.302 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | -1.059 | -0.0006 | -2.5 to 2.5 | Pass |
|       | 1914.3 | 6 | 0 | 20  | 3.27 | -0.386 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 3.85 | 0.443  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |   |   |     | 4.43 | 1.388  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |   |   | -30 | 3.85 | 1.016  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |   |   | -20 | 3.85 | 2.046  | 0.0011  | -2.5 to 2.5 | Pass |
|       |        |   |   | -10 | 3.85 | 0.873  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |   |   | 0   | 3.85 | 0.401  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |   |   | 10  | 3.85 | 0.830  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |   |   | 30  | 3.85 | 1.144  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |   |   | 40  | 3.85 | 0.501  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |   |   | 50  | 3.85 | 1.216  | 0.0006  | -2.5 to 2.5 | Pass |

### 2.1.2 B25\_3MHz

| Band: 25 / Bandwidth: 3MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1851.5          | 15            | 0      | 20         | 3.27          | -1.101           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -2.789           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -3.018           | -0.0016               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -2.789           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -0.787           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -1.402           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -3.190           | -0.0017               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -2.203           | -0.0012               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -2.918           | -0.0016               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -2.489           | -0.0013               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -1.416           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            | 1882.5          | 15            | 0      | 20         | 3.27          | 1.531            | 0.0008                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 0.916            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -0.286           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 0.458            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 0.343            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 0.472            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 0.114            | 0.0001                | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
|       |        |    |   | 10  | 3.85 | 0.730  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.358  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.143 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -0.429 | -0.0002 | -2.5 to 2.5 | Pass |
|       | 1913.5 | 15 | 0 | 20  | 3.27 | 1.931  | 0.0010  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.458 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -0.429 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.644 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.758  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -1.359 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.057  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.129 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.229  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.272 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -0.157 | -0.0001 | -2.5 to 2.5 | Pass |
| 16QAM | 1851.5 | 15 | 0 | 20  | 3.27 | -3.319 | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -3.562 | -0.0019 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -3.304 | -0.0018 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -3.891 | -0.0021 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -4.392 | -0.0024 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -4.206 | -0.0023 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -3.533 | -0.0019 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -3.705 | -0.0020 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -3.819 | -0.0021 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -3.605 | -0.0019 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -2.346 | -0.0013 | -2.5 to 2.5 | Pass |
|       | 1882.5 | 15 | 0 | 20  | 3.27 | -0.229 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.215 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -0.329 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.200  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.186 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.601  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.043  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 1.130  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.372  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -0.186 | -0.0001 | -2.5 to 2.5 | Pass |
|       | 1913.5 | 15 | 0 | 20  | 3.27 | -0.329 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.114  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 0.086  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 0.386  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.873  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.801 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.100  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.901 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.086  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -1.144 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.014  | 0.0000  | -2.5 to 2.5 | Pass |

### 2.1.3 B25\_5MHz

| Band: 25 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 1852.5          | 25            | 0      | 20         | 3.27          | -0.501           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.672           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -1.259           | -0.0007               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
|       |        |    |   | -30 | 3.85 | -0.901 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -0.315 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 0.186  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.701  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.529 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.458  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -1.545 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.916  | 0.0005  | -2.5 to 2.5 | Pass |
|       | 1882.5 | 25 | 0 | 20  | 3.27 | 0.858  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.172 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 0.129  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.072 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.572  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 1.488  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.958  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -1.931 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.501  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.486  | 0.0003  | -2.5 to 2.5 | Pass |
|       | 1912.5 | 25 | 0 | 20  | 3.27 | 2.246  | 0.0012  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.687 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 0.615  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 0.443  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 1.388  | 0.0007  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 0.114  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -0.243 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.744  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -1.302 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.272 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.215  | 0.0001  | -2.5 to 2.5 | Pass |
| 16QAM | 1852.5 | 25 | 0 | 20  | 3.27 | -1.044 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.186 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -1.888 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.930 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -0.830 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.443 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -2.017 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -2.260 | -0.0012 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -1.473 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -1.559 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -1.030 | -0.0006 | -2.5 to 2.5 | Pass |
|       | 1882.5 | 25 | 0 | 20  | 3.27 | 0.572  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.358  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 0.315  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 1.016  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -0.300 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.286 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.257  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.029 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.172  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -0.072 | 0.0000  | -2.5 to 2.5 | Pass |
|       | 1912.5 | 25 | 0 | 20  | 3.27 | 0.372  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.415 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 0.887  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 0.300  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.272  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -1.101 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |

|  |  |  |  |    |      |        |         |             |      |
|--|--|--|--|----|------|--------|---------|-------------|------|
|  |  |  |  | 10 | 3.85 | -1.402 | -0.0007 | -2.5 to 2.5 | Pass |
|  |  |  |  | 30 | 3.85 | -1.173 | -0.0006 | -2.5 to 2.5 | Pass |
|  |  |  |  | 40 | 3.85 | 0.987  | 0.0005  | -2.5 to 2.5 | Pass |
|  |  |  |  | 50 | 3.85 | 0.443  | 0.0002  | -2.5 to 2.5 | Pass |

#### 2.1.4 B25\_10MHz

| Band: 25 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1855            | 50            | 0      | 20         | 3.27          | -1.287           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.429            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 0.100            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -0.572           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 0.172            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 0.558            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 0.916            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 0.186            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -0.300           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 0.029            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -0.515           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             | 1882.5          | 50            | 0      | 20         | 3.27          | -0.086           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -0.315           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -0.243           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -0.916           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -0.615           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 0.687            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -0.415           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -0.558           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -0.014           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -0.286           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -1.516           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             | 1910            | 50            | 0      | 20         | 3.27          | -1.173           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -1.860           | -0.0010               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -1.087           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -0.072           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -0.787           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -1.445           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -1.130           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -0.286           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -2.589           | -0.0014               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -2.546           | -0.0013               | -2.5 to 2.5 | Pass    |
| 16QAM                       | 1855            | 50            | 0      | 20         | 3.27          | 0.858            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 1.345            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 0.858            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 0.615            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 0.515            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -0.572           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 0.887            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 0.100            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -0.243           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 0.529            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | 0.415            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             | 1882.5          | 50            | 0      | 20         | 3.27          | 0.629            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.172            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -0.086           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            |               |                  |                       |             |         |

|  |      |    |   |     |      |        |         |             |      |
|--|------|----|---|-----|------|--------|---------|-------------|------|
|  |      |    |   | -30 | 3.85 | -1.044 | -0.0006 | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.85 | -0.286 | -0.0002 | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.85 | 0.529  | 0.0003  | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.85 | 0.172  | 0.0001  | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.85 | 0.744  | 0.0004  | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.85 | 1.230  | 0.0007  | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.85 | 0.458  | 0.0002  | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.85 | 1.345  | 0.0007  | -2.5 to 2.5 | Pass |
|  | 1910 | 50 | 0 | 20  | 3.27 | -1.988 | -0.0010 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 3.85 | -1.230 | -0.0006 | -2.5 to 2.5 | Pass |
|  |      |    |   |     | 4.43 | -2.418 | -0.0013 | -2.5 to 2.5 | Pass |
|  |      |    |   | -30 | 3.85 | -1.860 | -0.0010 | -2.5 to 2.5 | Pass |
|  |      |    |   | -20 | 3.85 | -3.591 | -0.0019 | -2.5 to 2.5 | Pass |
|  |      |    |   | -10 | 3.85 | -3.176 | -0.0017 | -2.5 to 2.5 | Pass |
|  |      |    |   | 0   | 3.85 | -2.632 | -0.0014 | -2.5 to 2.5 | Pass |
|  |      |    |   | 10  | 3.85 | -1.903 | -0.0010 | -2.5 to 2.5 | Pass |
|  |      |    |   | 30  | 3.85 | -3.033 | -0.0016 | -2.5 to 2.5 | Pass |
|  |      |    |   | 40  | 3.85 | -3.262 | -0.0017 | -2.5 to 2.5 | Pass |
|  |      |    |   | 50  | 3.85 | -1.202 | -0.0006 | -2.5 to 2.5 | Pass |

## 2.1.5 B25\_15MHz

| Band: 25 / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1857.5          | 75            | 0      | 20         | 3.27          | -0.172           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.973            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -1.001           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | 1.230            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 0.672            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -0.343           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -0.758           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 1.330            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 1.059            | 0.0006                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -1.330           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             | 1882.5          | 75            | 0      | 20         | 3.85          | -1.087           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.27          | 0.744            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -1.173           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 4.43          | -0.429           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -0.472           | -0.0003               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | -0.701           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -0.701           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -1.488           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -0.887           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | -1.230           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             | 1907.5          | 75            | 0      | 30         | 3.85          | -0.401           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | -1.316           | -0.0007               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | 3.85          | -0.715           | -0.0004               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 20         | 3.27          | 0.358            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.429            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 0.114            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -0.286           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -0.043           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 0.515            | 0.0003                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | -1.202           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 0.772            | 0.0004                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | 0.143            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 0.672            | 0.0004                | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
| 16QAM | 1857.5 | 75 | 0 | 50  | 3.85 | 0.043  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | -0.157 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.114  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -0.515 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.043 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -0.601 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -1.817 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -1.473 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.486  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -0.930 | -0.0005 | -2.5 to 2.5 | Pass |
|       | 1882.5 | 75 | 0 | 40  | 3.85 | -0.558 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -0.815 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | -0.386 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -1.287 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -0.157 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.257 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.087 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -0.744 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.100  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.830  | 0.0004  | -2.5 to 2.5 | Pass |
|       | 1907.5 | 75 | 0 | 30  | 3.85 | 0.501  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.215 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 20  | 3.27 | -0.329 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | 0.715  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 0.315  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 0.186  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -0.587 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 0.029  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -1.101 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.415  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.229  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 1.101  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.501  | 0.0003  | -2.5 to 2.5 | Pass |

## 2.1.6 B25\_20MHz

| Band: 25 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                        | 1860            | 100           | 0      | 20         | 3.27          | -1.130           | -0.0006               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 1.330            | 0.0007                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | 0.973            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -0.186           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | 1.831            | 0.0010                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | 0.057            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | 3.85          | 0.286            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | 3.85          | 0.429            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | 3.85          | -0.143           | -0.0001               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | 3.85          | 0.043            | 0.0000                | -2.5 to 2.5 | Pass    |
|                             | 1882.5          | 100           | 0      | 50         | 3.85          | 0.243            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 20         | 3.27          | 0.215            | 0.0001                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 3.85          | 0.315            | 0.0002                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | 4.43          | -0.458           | -0.0002               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | 3.85          | -0.043           | 0.0000                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | 3.85          | -0.973           | -0.0005               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | 3.85          | -0.443           | -0.0002               | -2.5 to 2.5 | Pass    |

|       |        |     |   |     |      |        |         |             |      |
|-------|--------|-----|---|-----|------|--------|---------|-------------|------|
|       |        |     |   | 0   | 3.85 | 0.343  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |     |   | 10  | 3.85 | -0.744 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |     |   | 30  | 3.85 | -0.401 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |     |   | 40  | 3.85 | -0.129 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |     |   | 50  | 3.85 | -0.544 | -0.0003 | -2.5 to 2.5 | Pass |
|       | 1905   | 100 | 0 | 20  | 3.27 | 0.629  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 3.85 | 0.558  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 4.43 | 1.230  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |     |   | -30 | 3.85 | 1.173  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |     |   | -20 | 3.85 | 0.200  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |     |   | -10 | 3.85 | 1.030  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |     |   | 0   | 3.85 | 0.844  | 0.0004  | -2.5 to 2.5 | Pass |
|       |        |     |   | 10  | 3.85 | -0.415 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |     |   | 30  | 3.85 | -0.029 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |     |   | 40  | 3.85 | -0.229 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |     |   | 50  | 3.85 | 0.300  | 0.0002  | -2.5 to 2.5 | Pass |
| 16QAM | 1860   | 100 | 0 | 20  | 3.27 | 0.200  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 3.85 | -0.057 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 4.43 | -1.202 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |     |   | -30 | 3.85 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |     |   | -20 | 3.85 | 1.645  | 0.0009  | -2.5 to 2.5 | Pass |
|       |        |     |   | -10 | 3.85 | -0.401 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |     |   | 0   | 3.85 | 0.300  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |     |   | 10  | 3.85 | -0.629 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |     |   | 30  | 3.85 | -1.030 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |     |   | 40  | 3.85 | 0.072  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |     |   | 50  | 3.85 | 0.215  | 0.0001  | -2.5 to 2.5 | Pass |
|       | 1882.5 | 100 | 0 | 20  | 3.27 | -0.415 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 3.85 | -1.631 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 4.43 | 0.129  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |     |   | -30 | 3.85 | -1.302 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |     |   | -20 | 3.85 | -0.801 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |     |   | -10 | 3.85 | -1.030 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |     |   | 0   | 3.85 | -0.386 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |     |   | 10  | 3.85 | -1.230 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |     |   | 30  | 3.85 | -0.758 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |     |   | 40  | 3.85 | -0.615 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |     |   | 50  | 3.85 | -0.687 | -0.0004 | -2.5 to 2.5 | Pass |
|       | 1905   | 100 | 0 | 20  | 3.27 | 1.516  | 0.0008  | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 3.85 | -0.143 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |     |   |     | 4.43 | -1.645 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |     |   | -30 | 3.85 | -1.259 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |     |   | -20 | 3.85 | -0.944 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |     |   | -10 | 3.85 | 0.515  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |     |   | 0   | 3.85 | -0.787 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |     |   | 10  | 3.85 | 0.072  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |     |   | 30  | 3.85 | -0.443 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |     |   | 40  | 3.85 | 0.486  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |     |   | 50  | 3.85 | -1.030 | -0.0005 | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

#### 3.1 Test Result

##### 3.1.1 B25\_1.4MHz

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

### 3.1.2 B25\_3MHz

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

### 3.1.3 B25\_5MHz

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

### 3.1.4 B25\_10MHz

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

### 3.1.5 B25\_15MHz

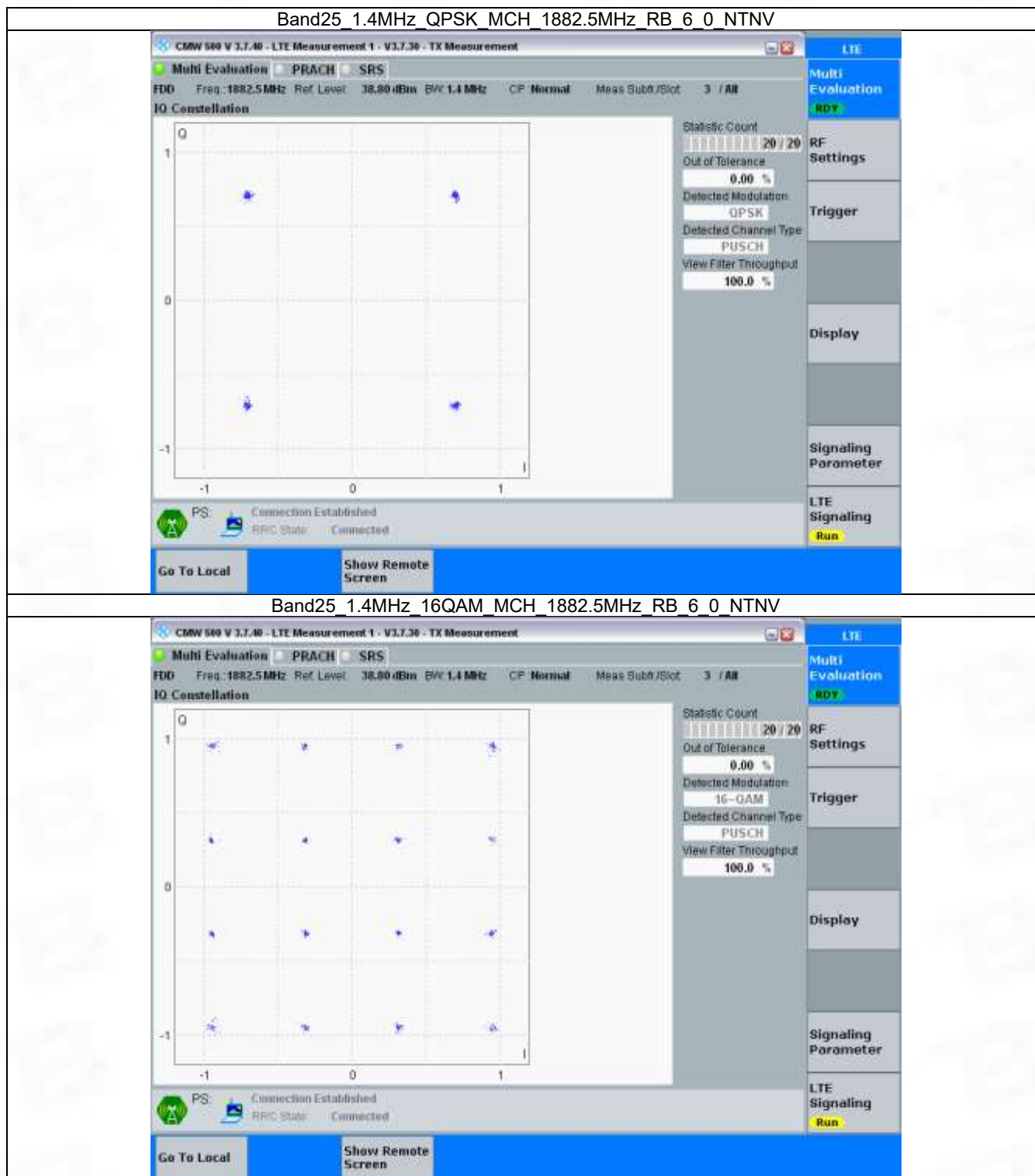
| Band: 25 / Bandwidth: 15MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency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

### 3.1.6 B25\_20MHz

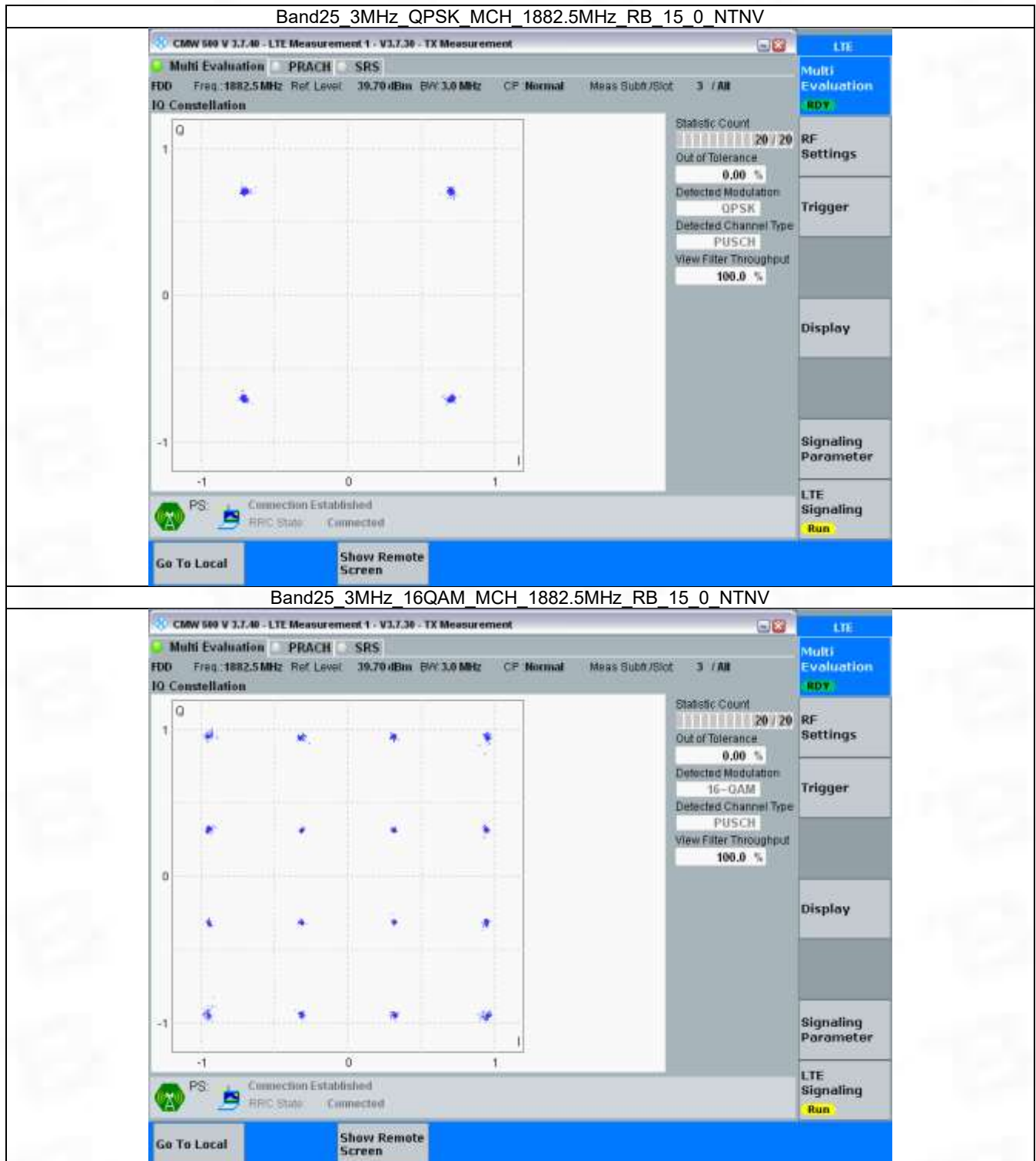
| Band: 25 / Bandwidth: 20MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency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

## 3.2 Test Graph

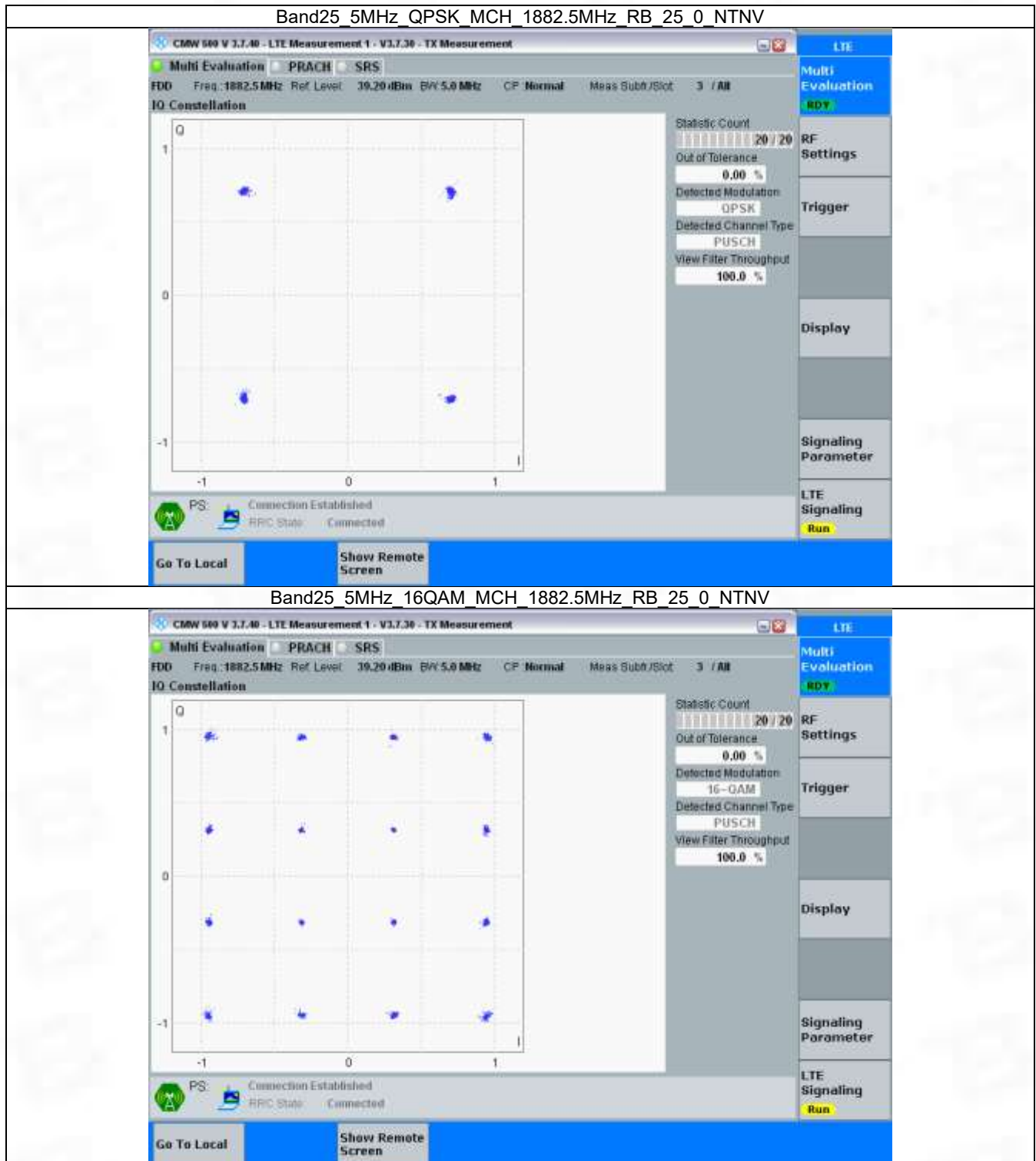
### 3.2.1 B25\_1.4MHz



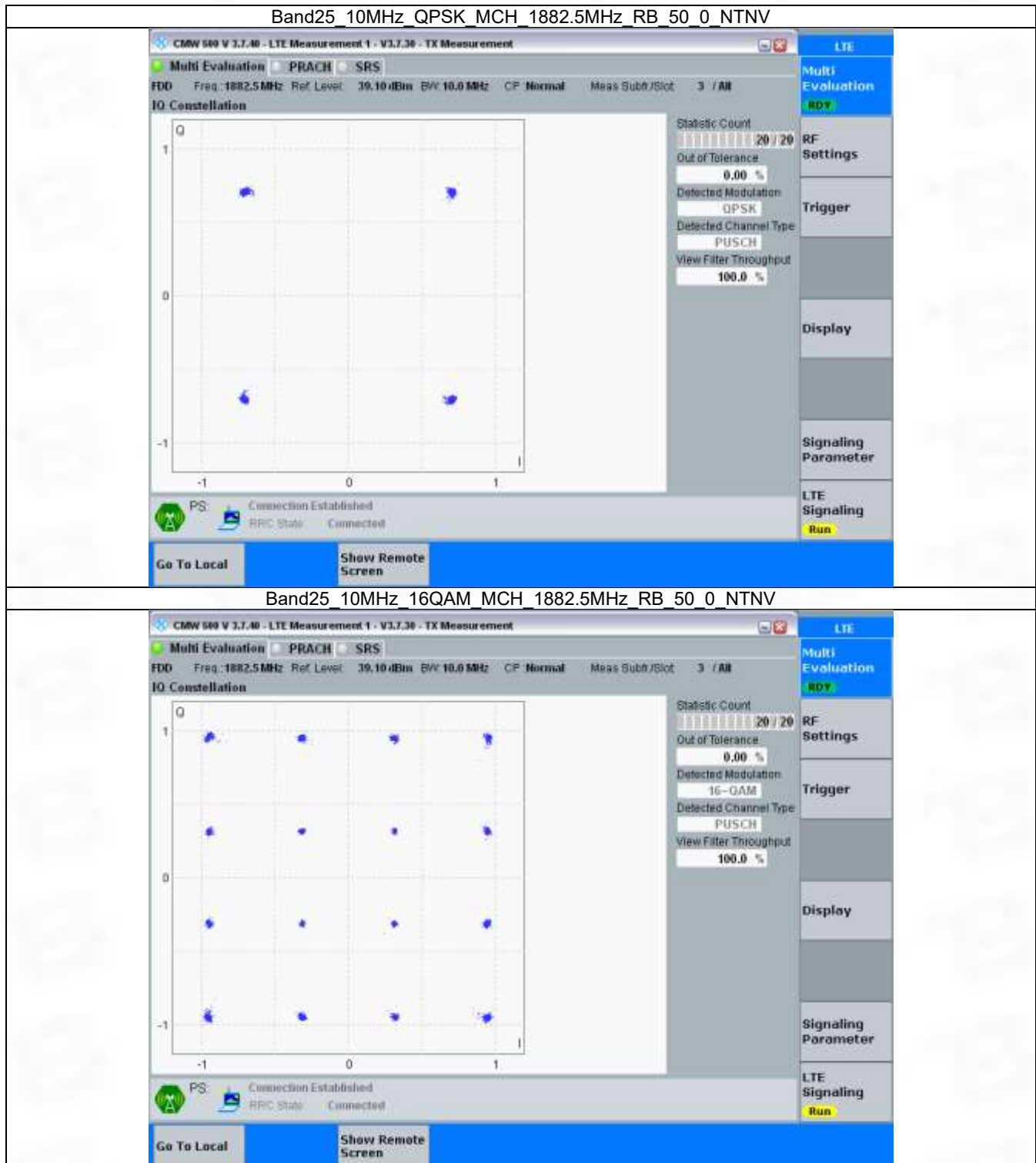
### 3.2.2 B25\_3MHz



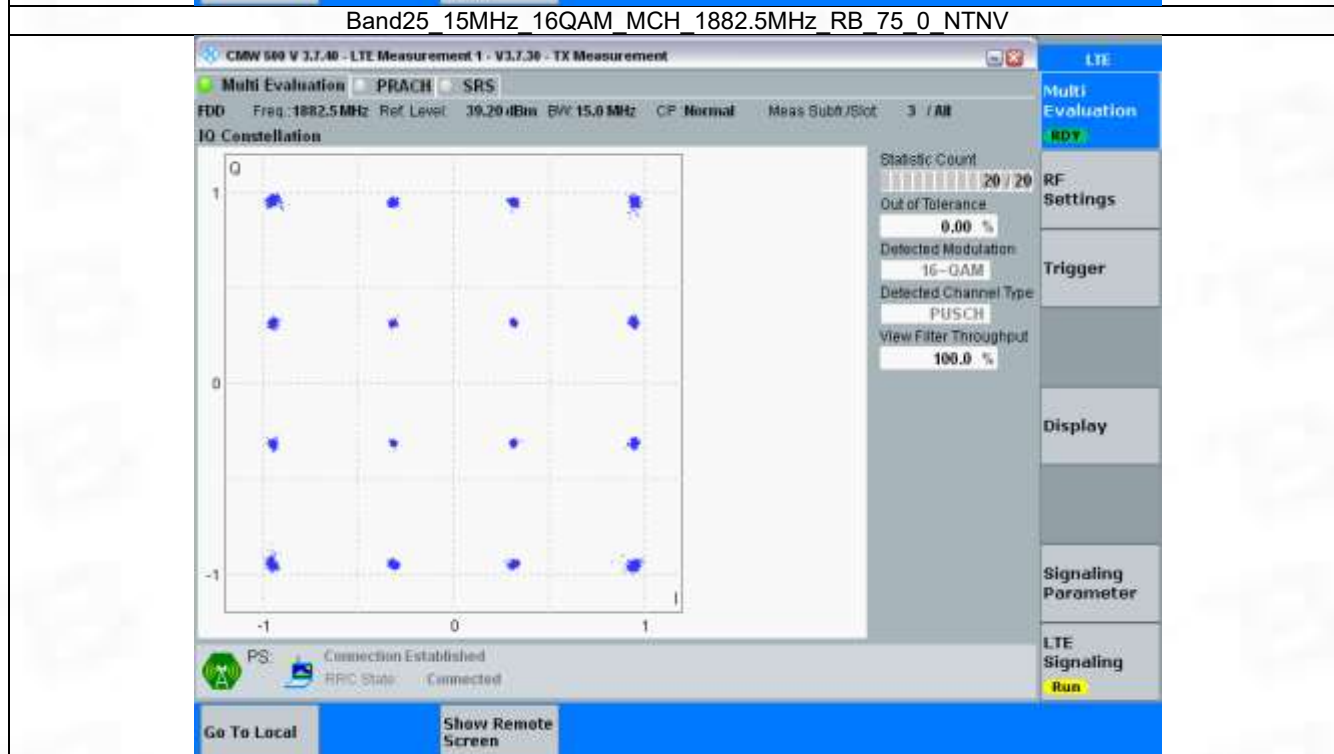
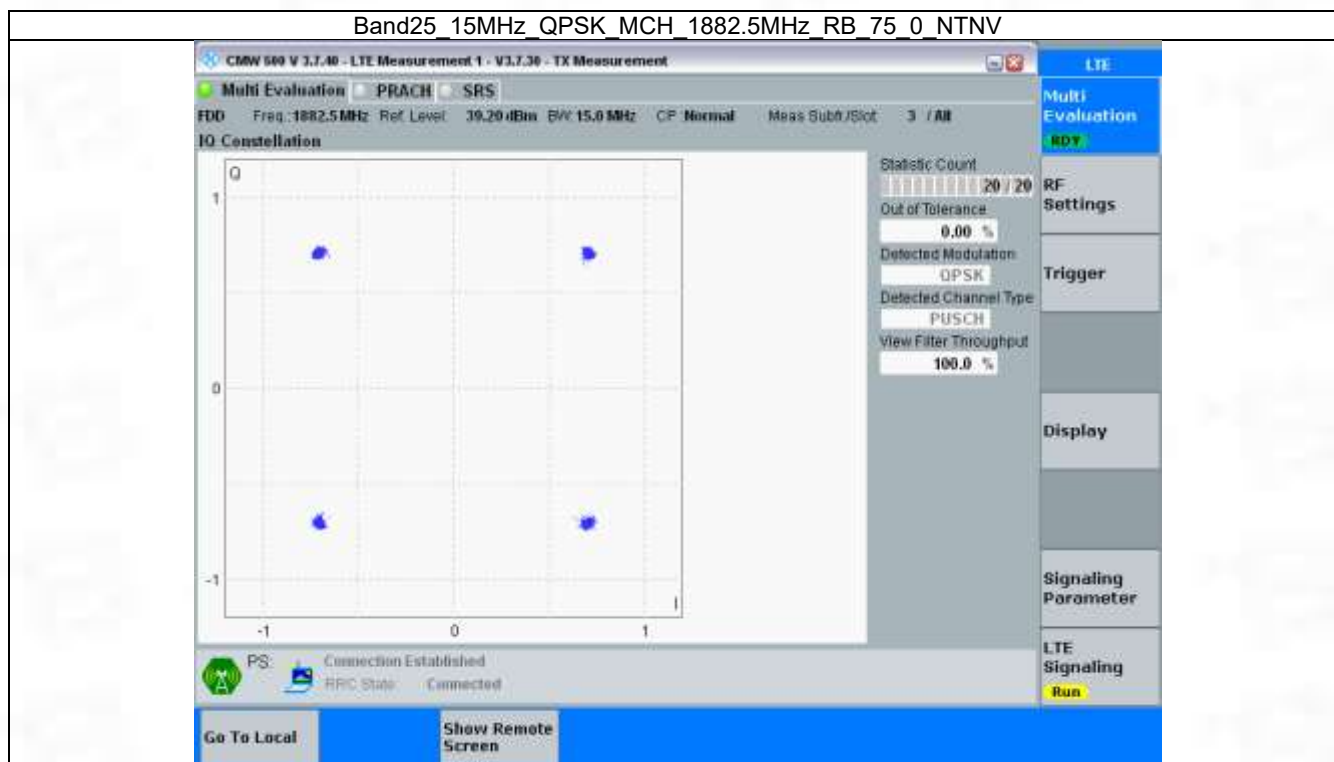
### 3.2.3 B25\_5MHz



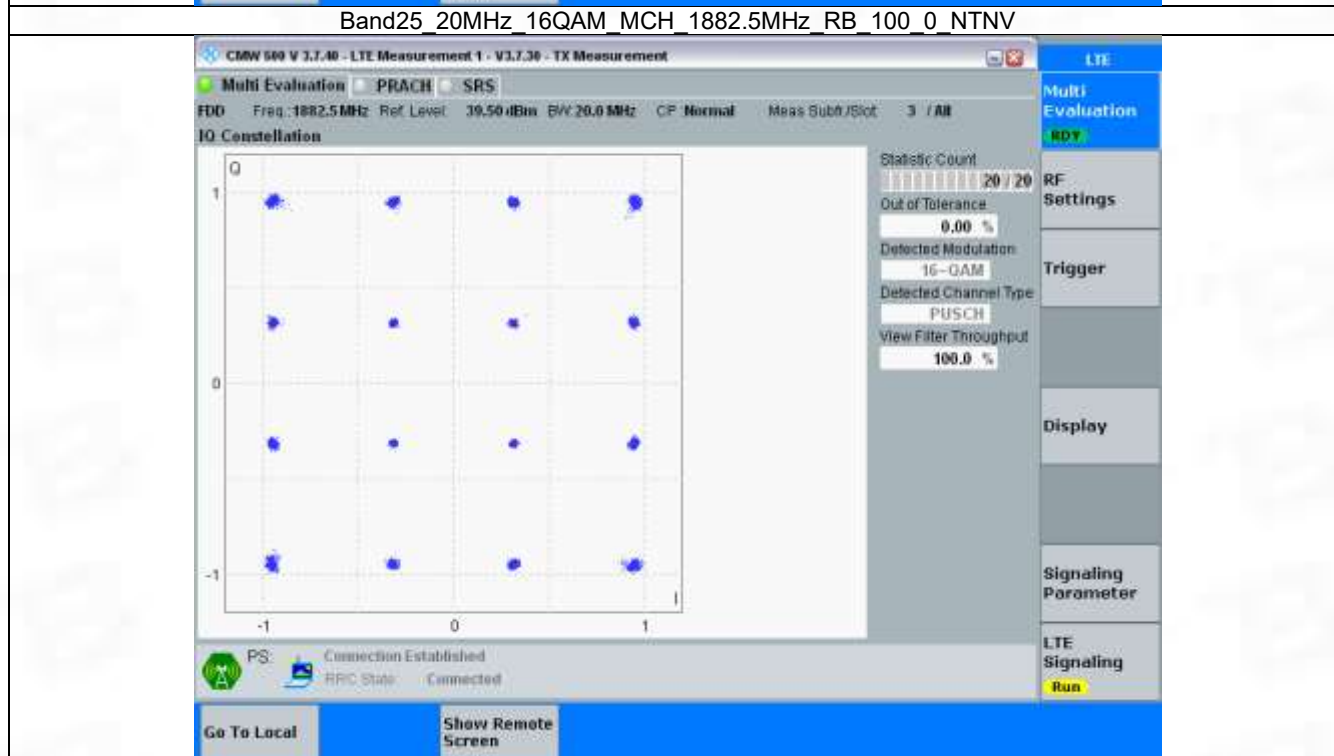
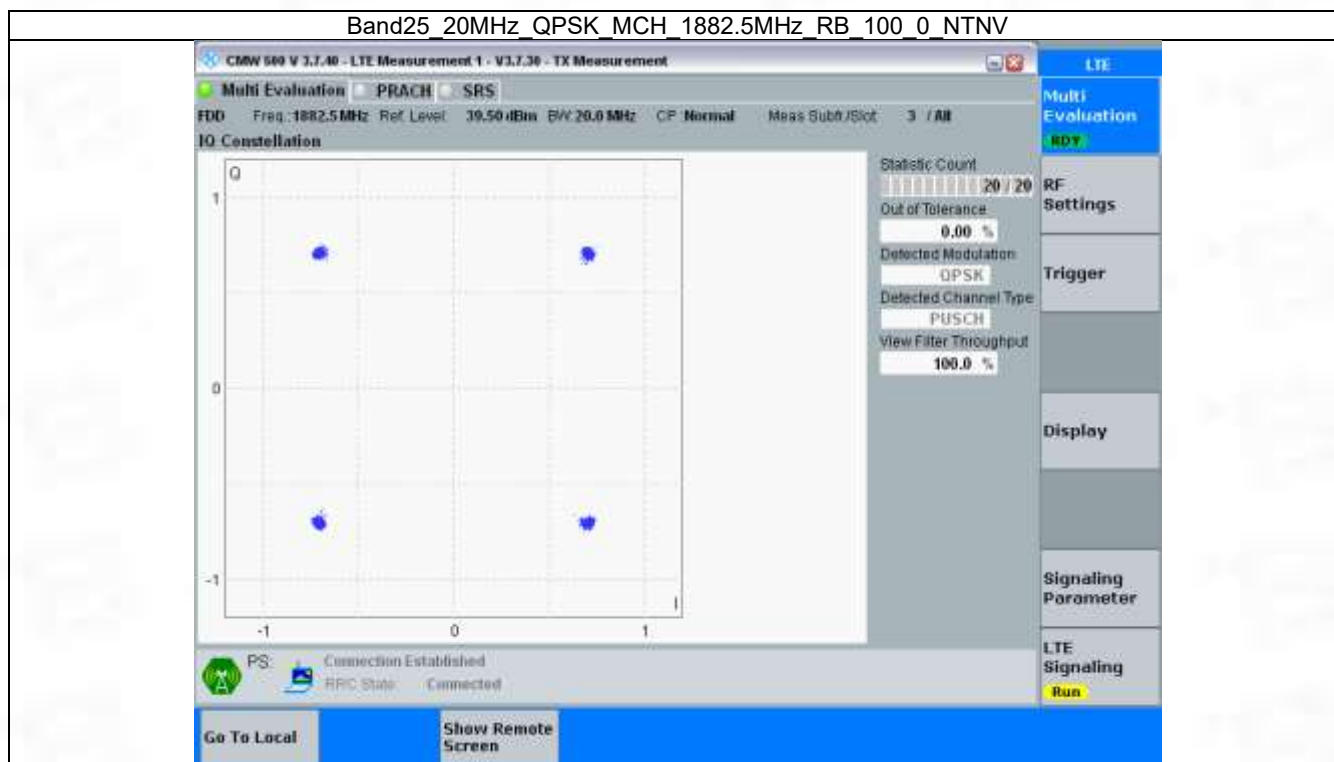
### 3.2.4 B25\_10MHz



### 3.2.5 B25\_15MHz



### 3.2.6 B25\_20MHz



## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band25\_OBW

| Band: 25 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 1.103                        | /     | Pass    |
|                 |            | 1882.5          | 6             | 0      | 1.092                        | /     | Pass    |
|                 |            | 1914.3          | 6             | 0      | 1.103                        | /     | Pass    |
|                 | 16QAM      | 1850.7          | 6             | 0      | 1.104                        | /     | Pass    |
|                 |            | 1882.5          | 6             | 0      | 1.101                        | /     | Pass    |
|                 |            | 1914.3          | 6             | 0      | 1.107                        | /     | Pass    |
| 3               | QPSK       | 1851.5          | 15            | 0      | 2.718                        | /     | Pass    |
|                 |            | 1882.5          | 15            | 0      | 2.717                        | /     | Pass    |
|                 |            | 1913.5          | 15            | 0      | 2.722                        | /     | Pass    |
|                 | 16QAM      | 1851.5          | 15            | 0      | 2.711                        | /     | Pass    |
|                 |            | 1882.5          | 15            | 0      | 2.718                        | /     | Pass    |
|                 |            | 1913.5          | 15            | 0      | 2.718                        | /     | Pass    |
| 5               | QPSK       | 1852.5          | 25            | 0      | 4.550                        | /     | Pass    |
|                 |            | 1882.5          | 25            | 0      | 4.548                        | /     | Pass    |
|                 |            | 1912.5          | 25            | 0      | 4.573                        | /     | Pass    |
|                 | 16QAM      | 1852.5          | 25            | 0      | 4.590                        | /     | Pass    |
|                 |            | 1882.5          | 25            | 0      | 4.565                        | /     | Pass    |
|                 |            | 1912.5          | 25            | 0      | 4.541                        | /     | Pass    |
| 10              | QPSK       | 1855            | 50            | 0      | 9.069                        | /     | Pass    |
|                 |            | 1882.5          | 50            | 0      | 9.046                        | /     | Pass    |
|                 |            | 1910            | 50            | 0      | 9.056                        | /     | Pass    |
|                 | 16QAM      | 1855            | 50            | 0      | 9.064                        | /     | Pass    |
|                 |            | 1882.5          | 50            | 0      | 9.077                        | /     | Pass    |
|                 |            | 1910            | 50            | 0      | 9.061                        | /     | Pass    |
| 15              | QPSK       | 1857.5          | 75            | 0      | 13.582                       | /     | Pass    |
|                 |            | 1882.5          | 75            | 0      | 13.510                       | /     | Pass    |
|                 |            | 1907.5          | 75            | 0      | 13.518                       | /     | Pass    |
|                 | 16QAM      | 1857.5          | 75            | 0      | 13.587                       | /     | Pass    |
|                 |            | 1882.5          | 75            | 0      | 13.544                       | /     | Pass    |
|                 |            | 1907.5          | 75            | 0      | 13.506                       | /     | Pass    |
| 20              | QPSK       | 1860            | 100           | 0      | 18.086                       | /     | Pass    |
|                 |            | 1882.5          | 100           | 0      | 18.101                       | /     | Pass    |
|                 |            | 1905            | 100           | 0      | 18.061                       | /     | Pass    |
|                 | 16QAM      | 1860            | 100           | 0      | 18.060                       | /     | Pass    |
|                 |            | 1882.5          | 100           | 0      | 18.026                       | /     | Pass    |
|                 |            | 1905            | 100           | 0      | 18.051                       | /     | Pass    |

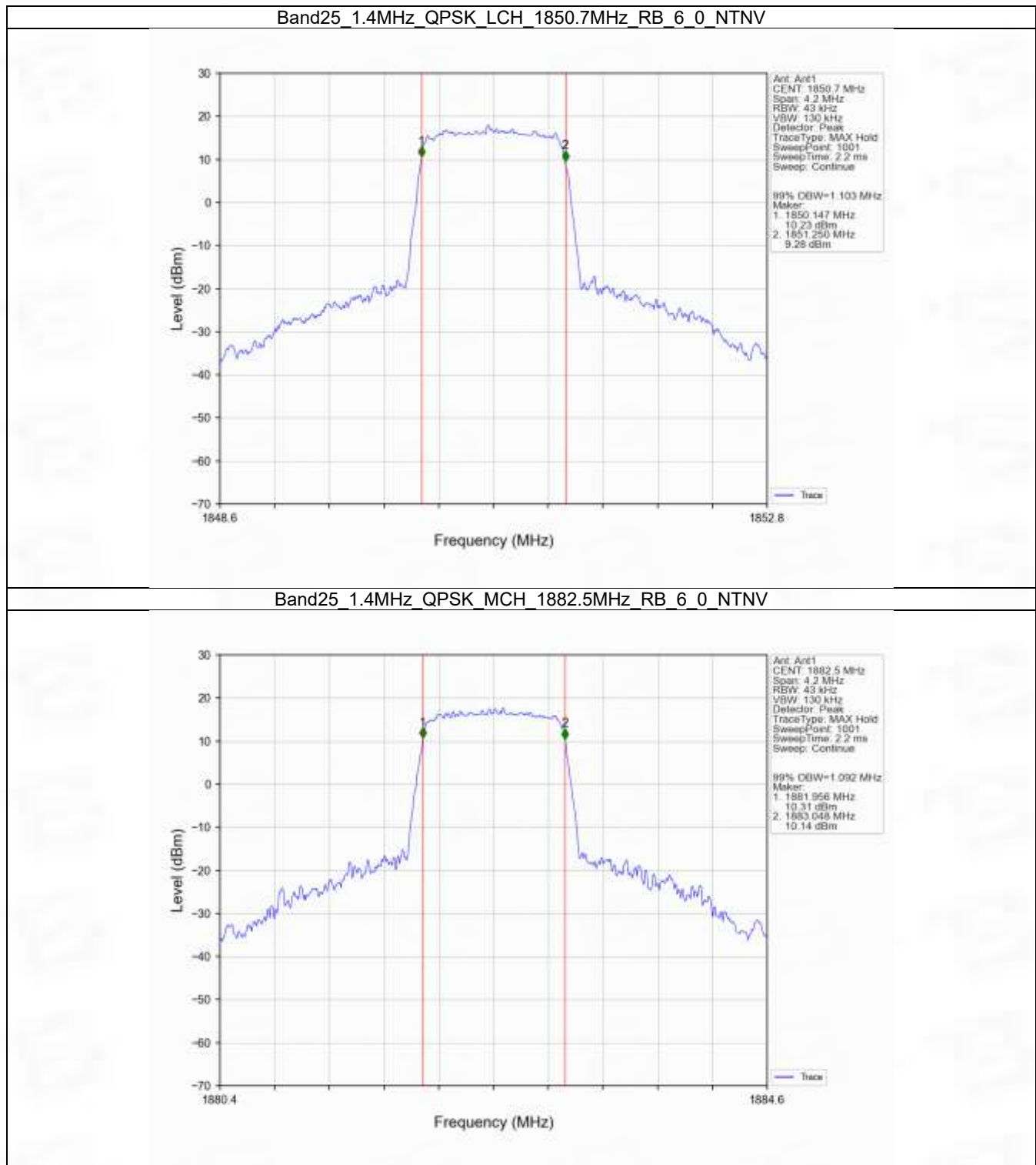
#### 4.1.2 Band25\_XDB

| Band: 25 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1850.7          | 6             | 0      | 1.262                | /     | Pass    |
|                 |            | 1882.5          | 6             | 0      | 1.264                | /     | Pass    |
|                 |            | 1914.3          | 6             | 0      | 1.262                | /     | Pass    |

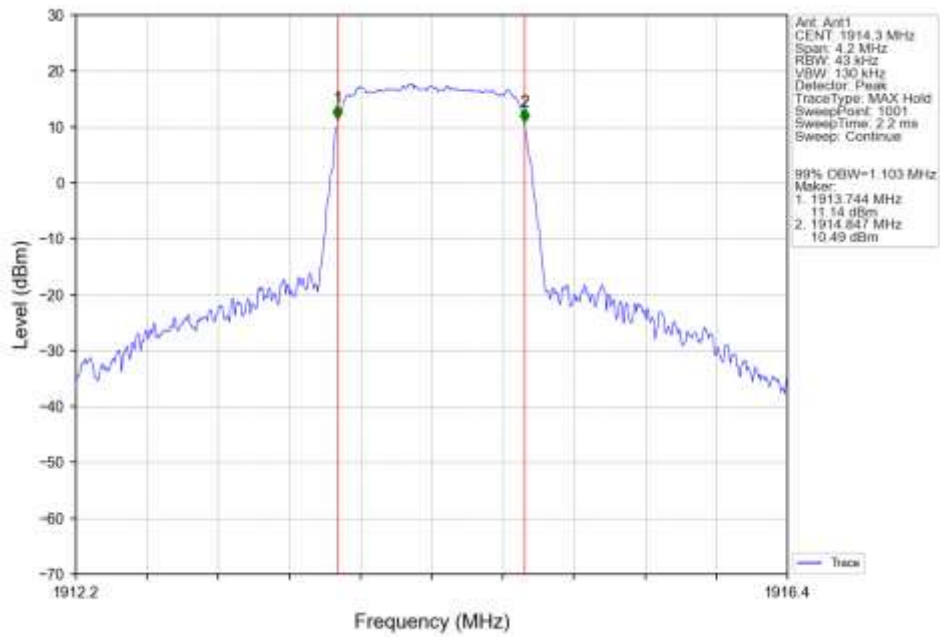
|    |       |        |     |   |        |   |      |
|----|-------|--------|-----|---|--------|---|------|
|    | 16QAM | 1850.7 | 6   | 0 | 1.270  | / | Pass |
|    |       | 1882.5 | 6   | 0 | 1.263  | / | Pass |
|    |       | 1914.3 | 6   | 0 | 1.280  | / | Pass |
| 3  | QPSK  | 1851.5 | 15  | 0 | 2.968  | / | Pass |
|    |       | 1882.5 | 15  | 0 | 2.983  | / | Pass |
|    |       | 1913.5 | 15  | 0 | 2.962  | / | Pass |
|    | 16QAM | 1851.5 | 15  | 0 | 2.985  | / | Pass |
|    |       | 1882.5 | 15  | 0 | 2.965  | / | Pass |
|    |       | 1913.5 | 15  | 0 | 2.973  | / | Pass |
| 5  | QPSK  | 1852.5 | 25  | 0 | 5.045  | / | Pass |
|    |       | 1882.5 | 25  | 0 | 5.033  | / | Pass |
|    |       | 1912.5 | 25  | 0 | 5.032  | / | Pass |
|    | 16QAM | 1852.5 | 25  | 0 | 5.081  | / | Pass |
|    |       | 1882.5 | 25  | 0 | 5.066  | / | Pass |
|    |       | 1912.5 | 25  | 0 | 5.031  | / | Pass |
| 10 | QPSK  | 1855   | 50  | 0 | 10.069 | / | Pass |
|    |       | 1882.5 | 50  | 0 | 10.076 | / | Pass |
|    |       | 1910   | 50  | 0 | 10.069 | / | Pass |
|    | 16QAM | 1855   | 50  | 0 | 9.989  | / | Pass |
|    |       | 1882.5 | 50  | 0 | 10.029 | / | Pass |
|    |       | 1910   | 50  | 0 | 10.028 | / | Pass |
| 15 | QPSK  | 1857.5 | 75  | 0 | 15.162 | / | Pass |
|    |       | 1882.5 | 75  | 0 | 15.046 | / | Pass |
|    |       | 1907.5 | 75  | 0 | 15.167 | / | Pass |
|    | 16QAM | 1857.5 | 75  | 0 | 15.211 | / | Pass |
|    |       | 1882.5 | 75  | 0 | 15.177 | / | Pass |
|    |       | 1907.5 | 75  | 0 | 15.071 | / | Pass |
| 20 | QPSK  | 1860   | 100 | 0 | 20.067 | / | Pass |
|    |       | 1882.5 | 100 | 0 | 19.723 | / | Pass |
|    |       | 1905   | 100 | 0 | 19.888 | / | Pass |
|    | 16QAM | 1860   | 100 | 0 | 20.063 | / | Pass |
|    |       | 1882.5 | 100 | 0 | 19.934 | / | Pass |
|    |       | 1905   | 100 | 0 | 20.000 | / | Pass |

## 4.2 Test Graph

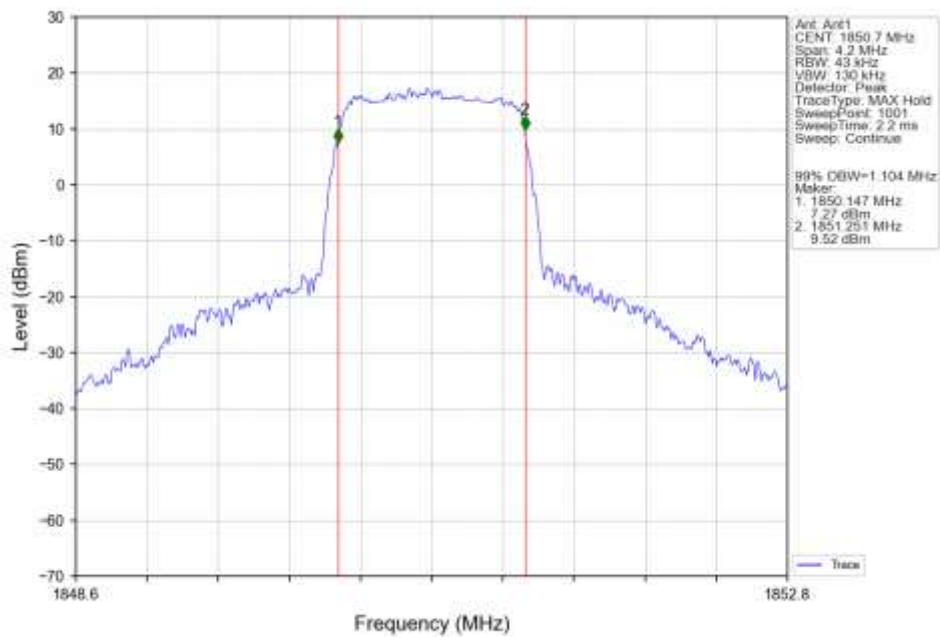
### 4.2.1 Band25\_OBW



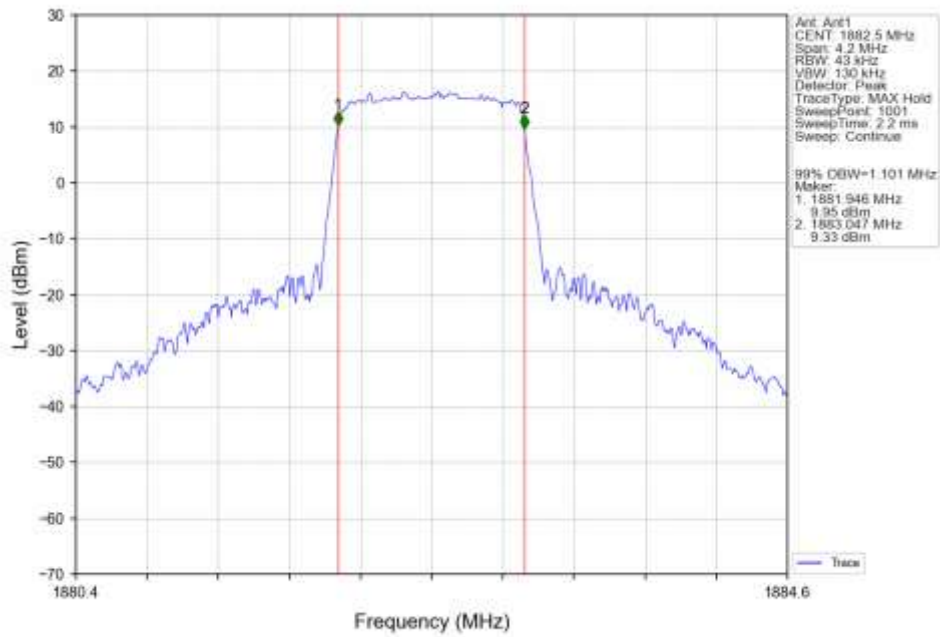
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



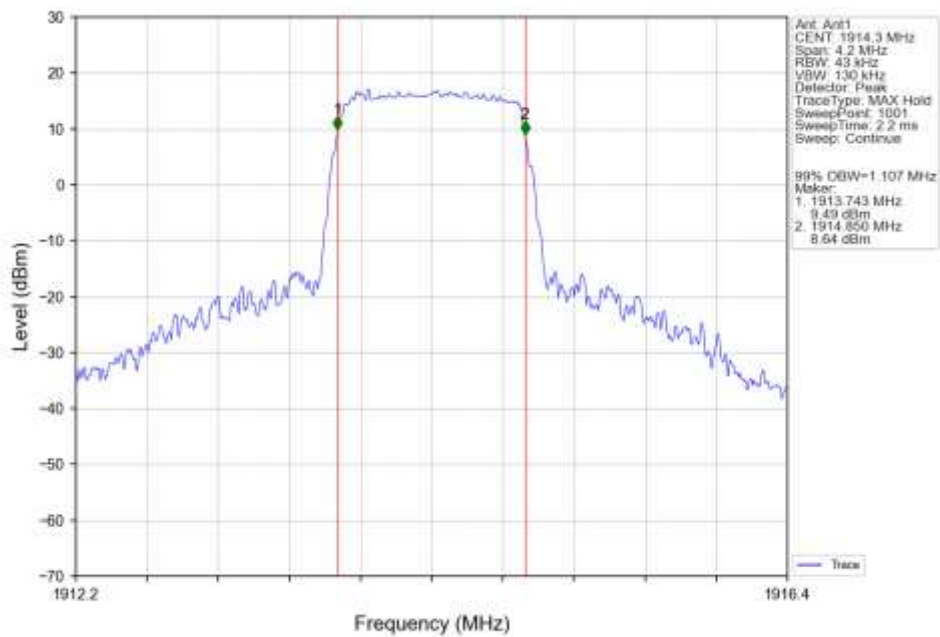
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



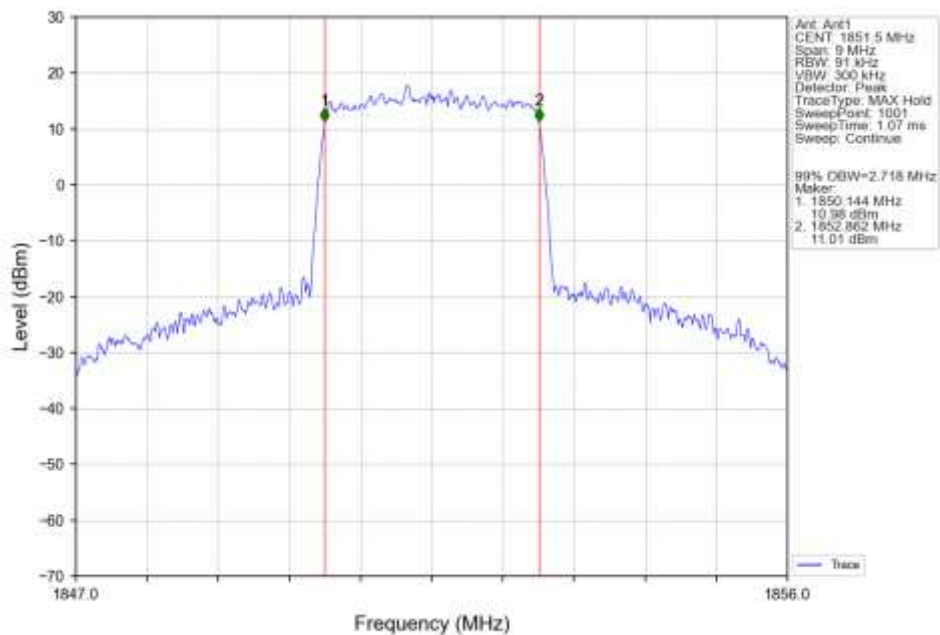
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTNV



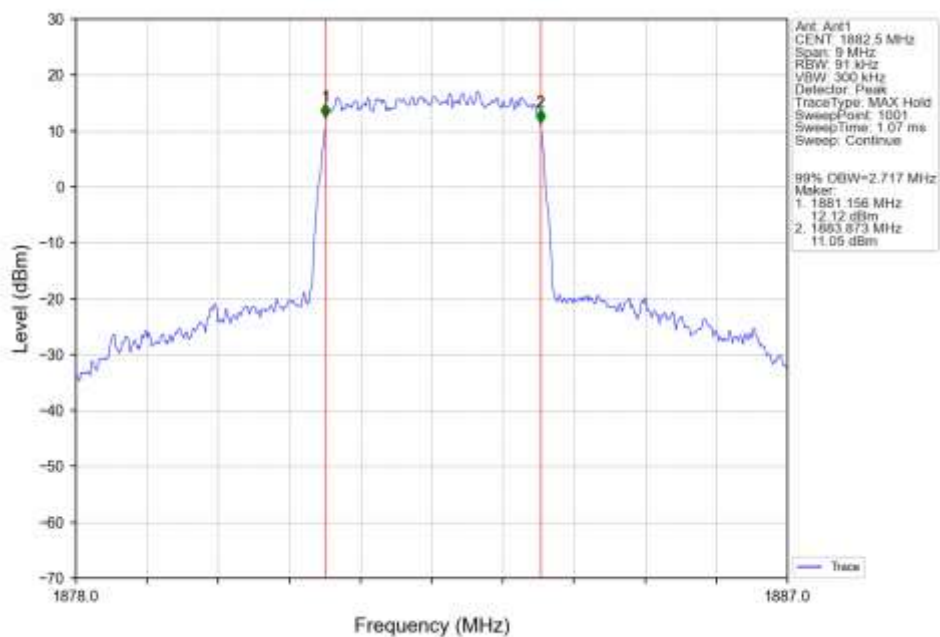
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTNV



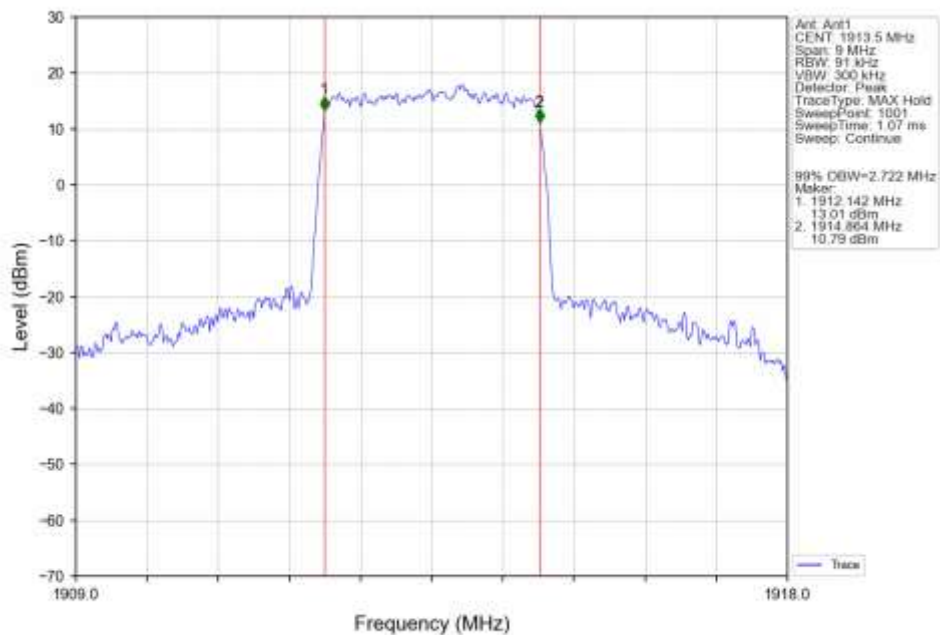
Band25 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



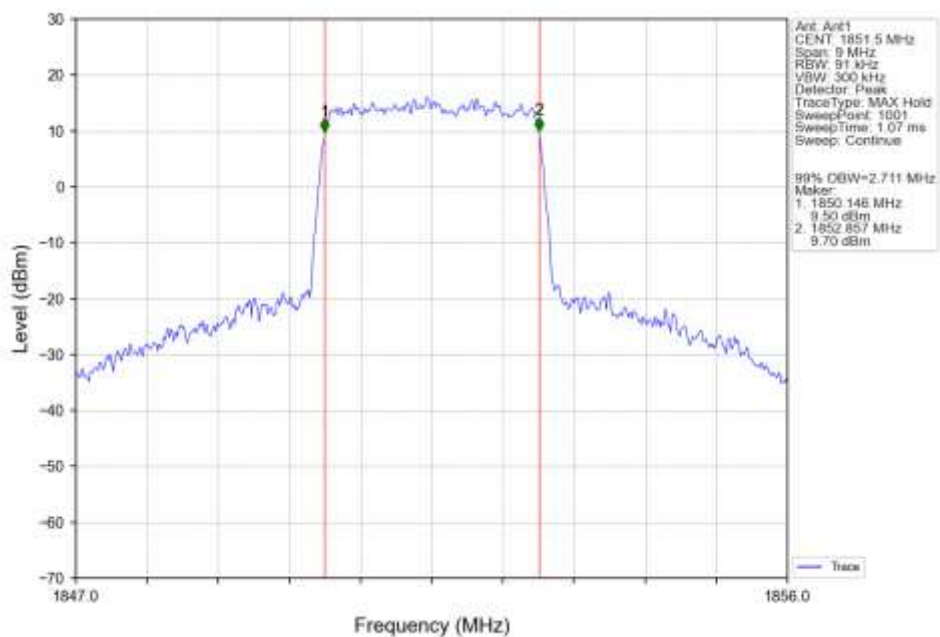
Band25 3MHz QPSK MCH 1882.5MHz RB 15 0 NTNV



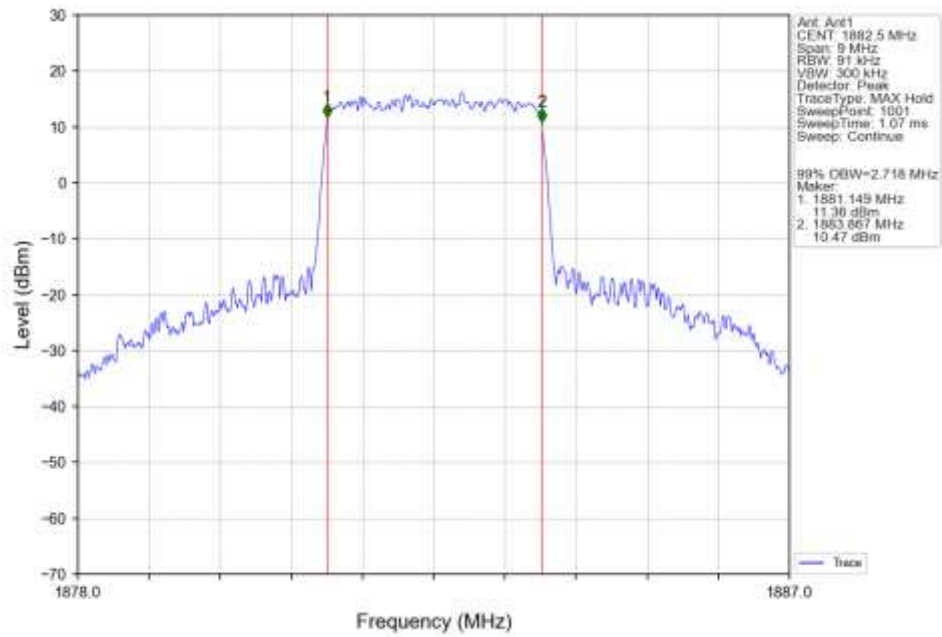
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



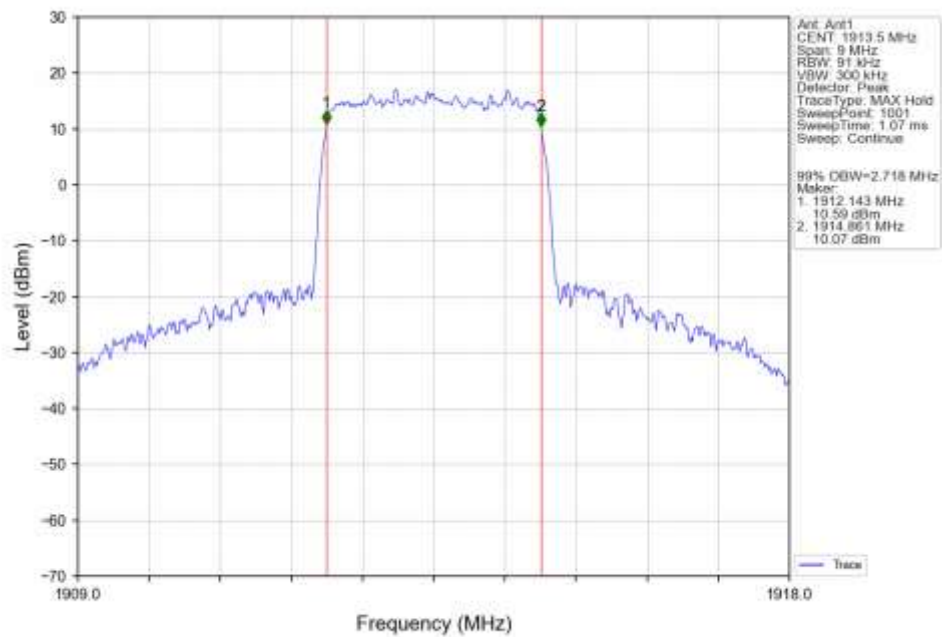
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



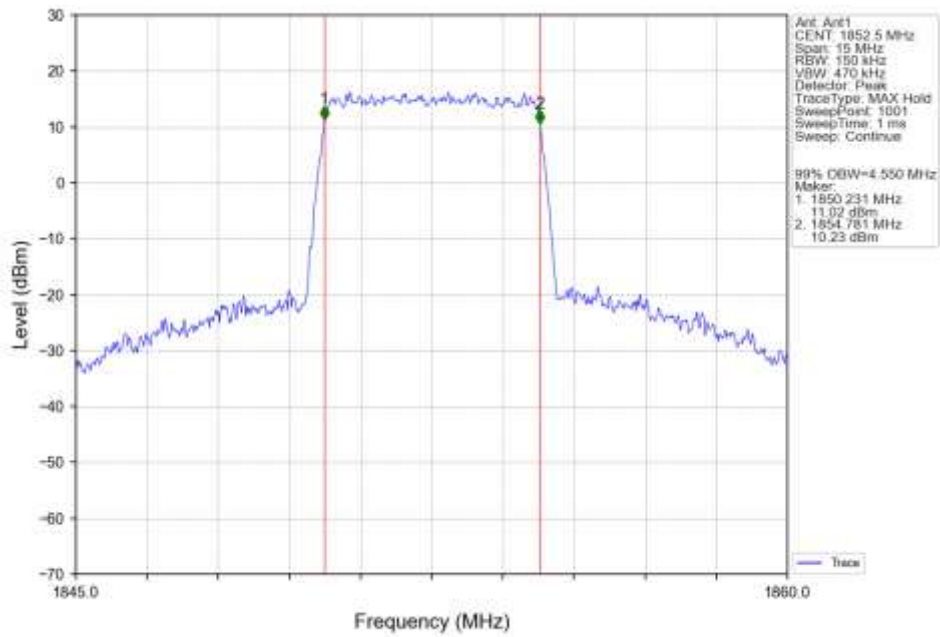
Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTNV



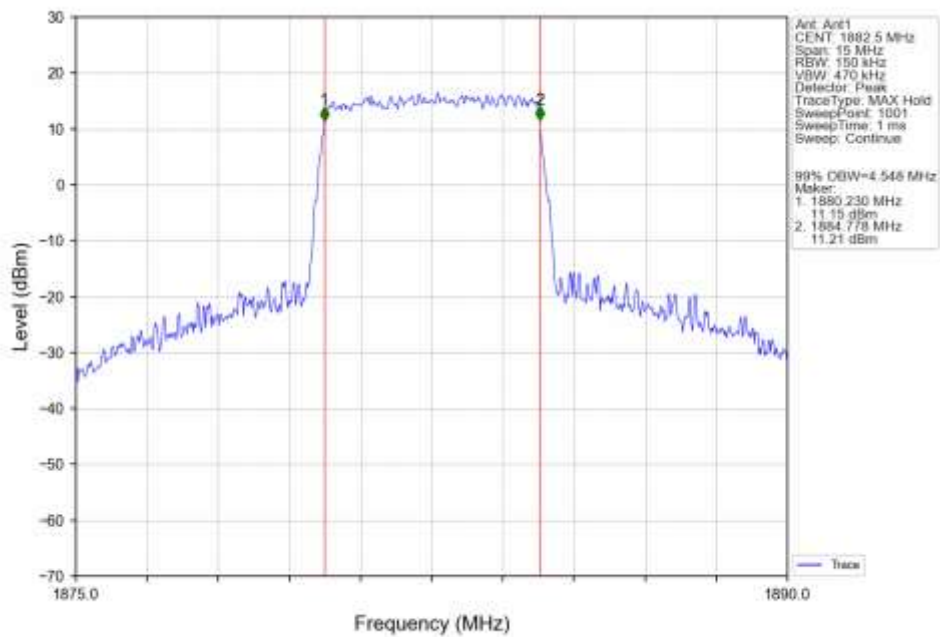
Band25 3MHz 16QAM HCH 1913.5MHz RB 15 0 NTNV



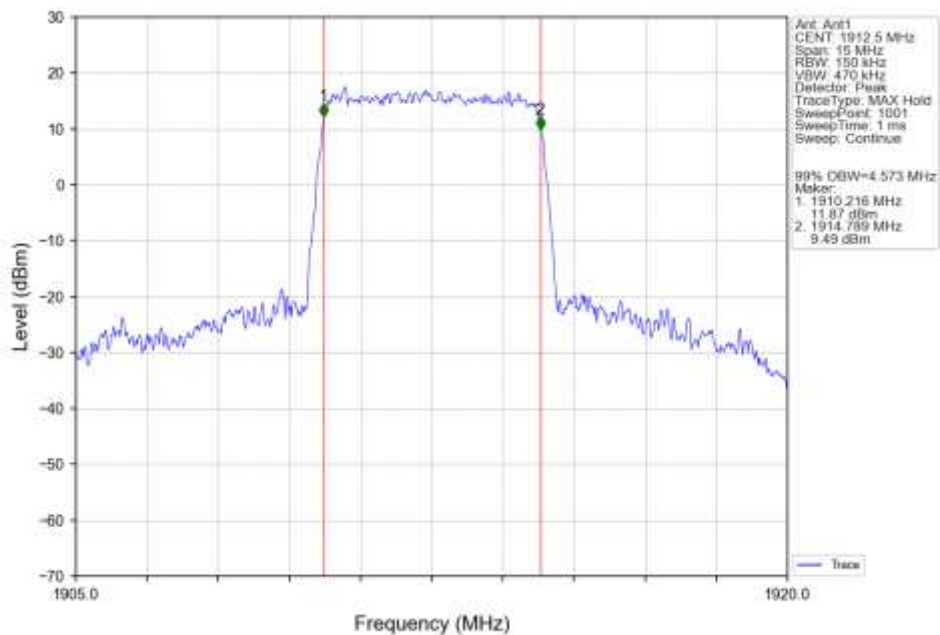
Band25 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



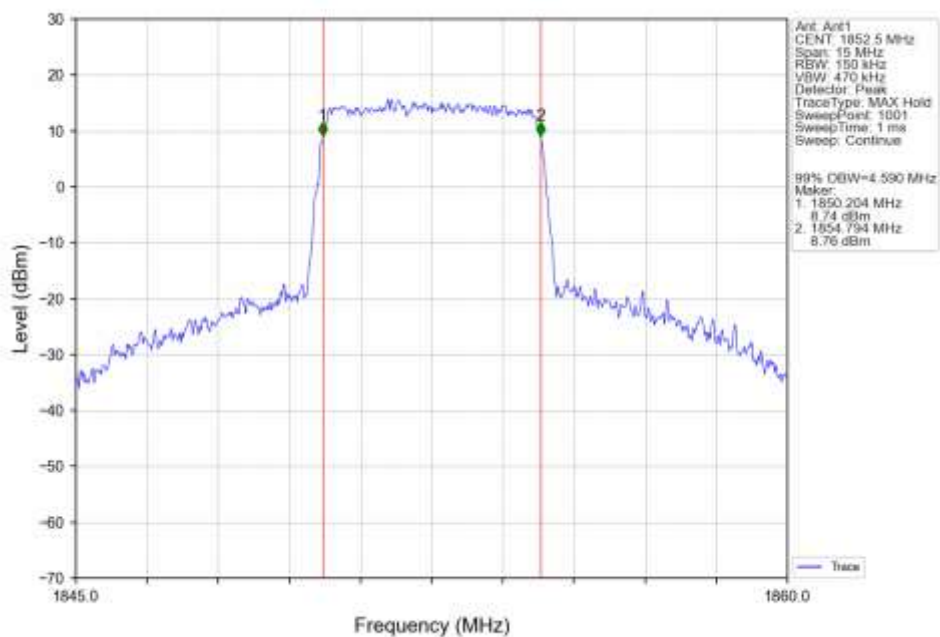
Band25 5MHz QPSK MCH 1882.5MHz RB 25 0 NTNV



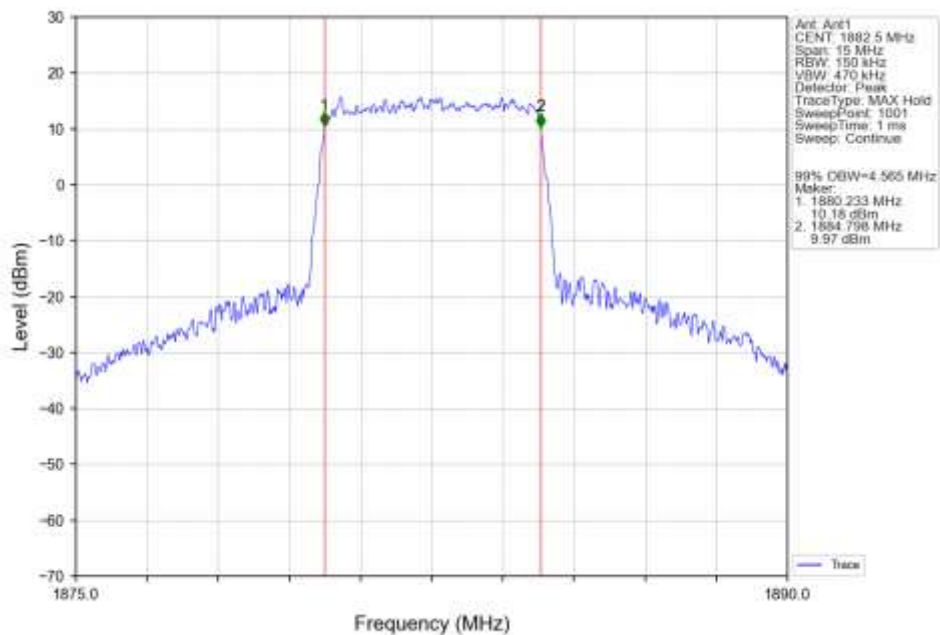
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



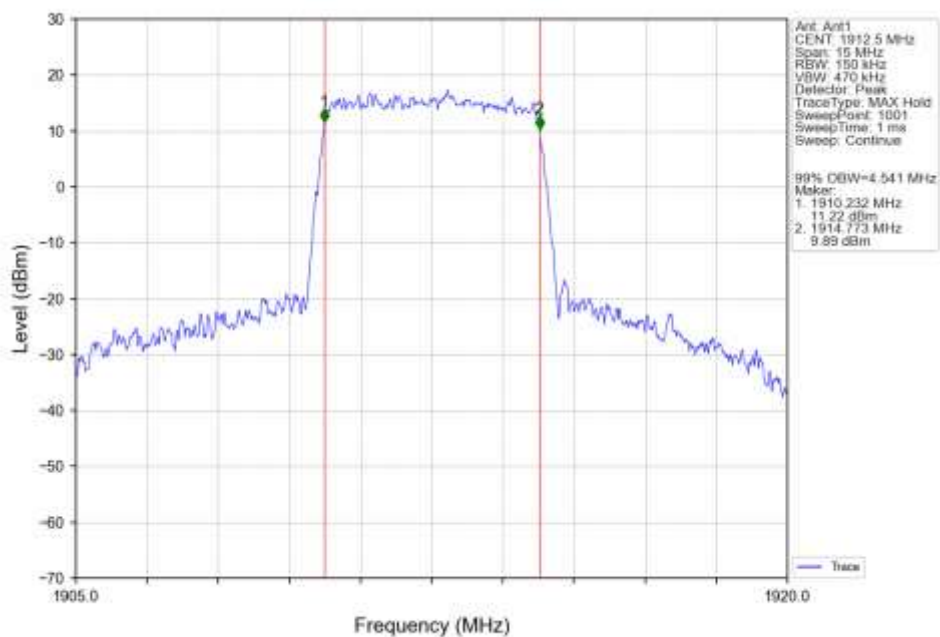
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



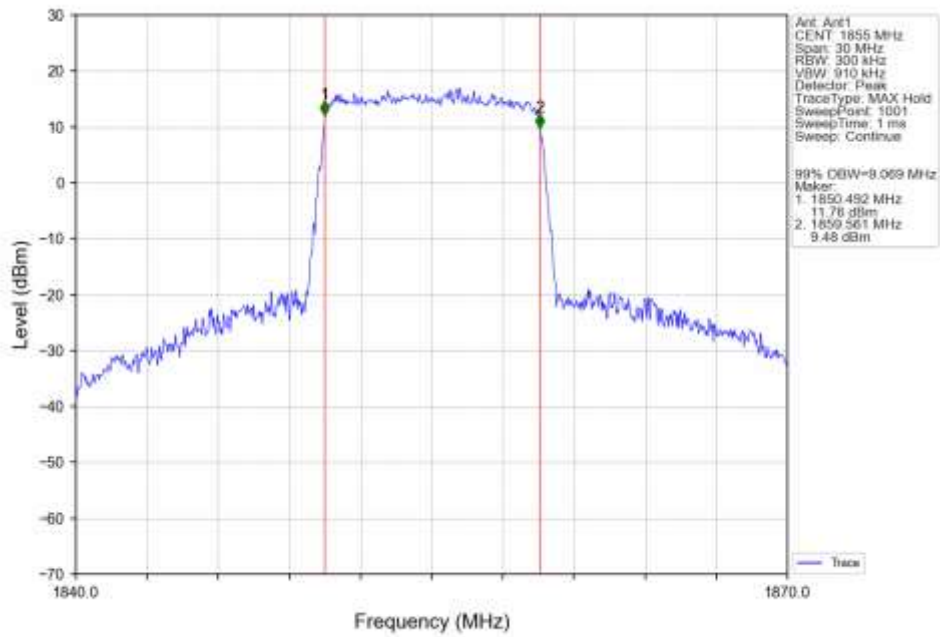
Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTNV



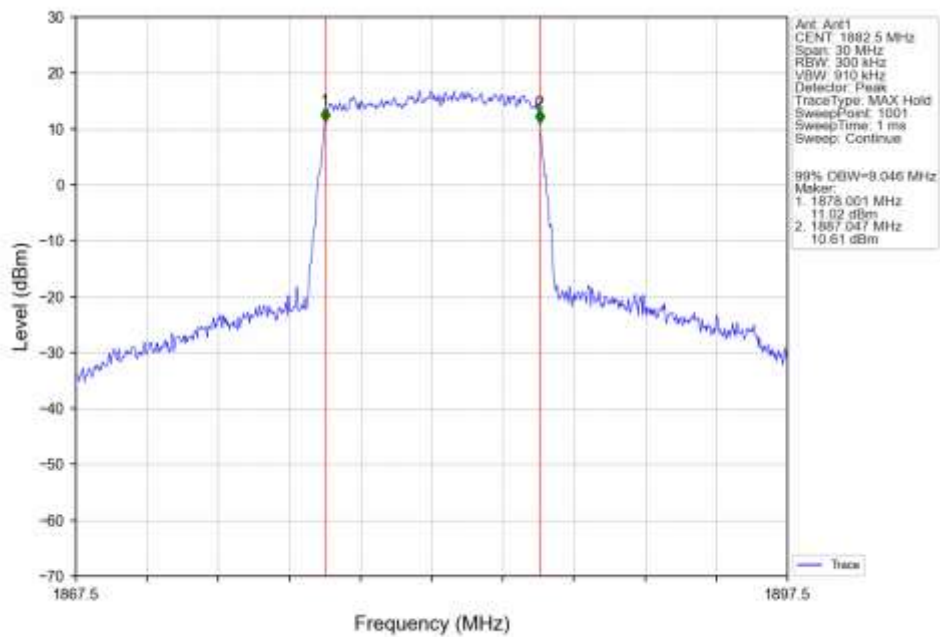
Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTNV



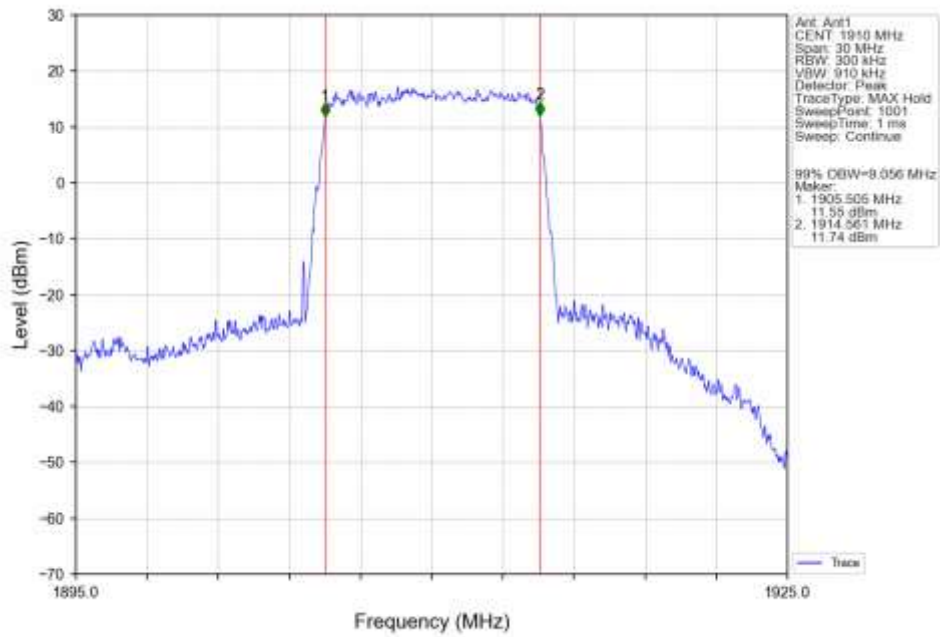
Band25 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



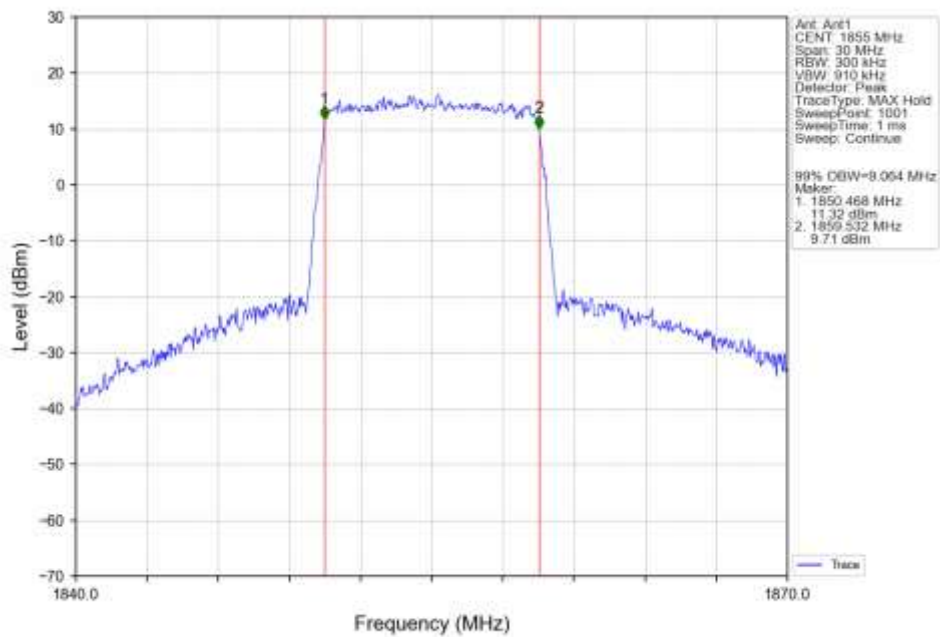
Band25 10MHz QPSK MCH 1882.5MHz RB 50 0 NTNV



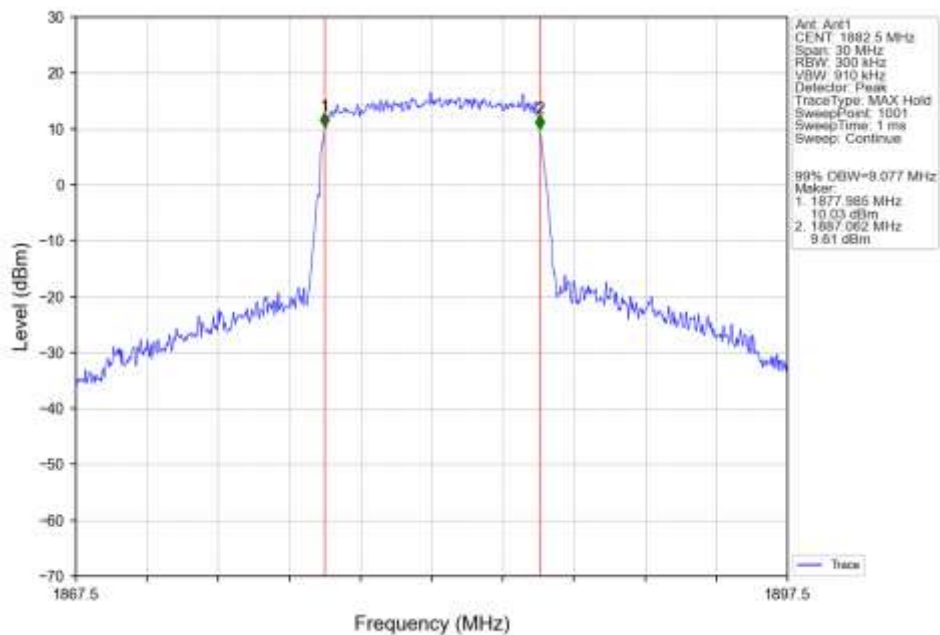
Band25 10MHz QPSK HCH 1910MHz RB 50 0 NTV



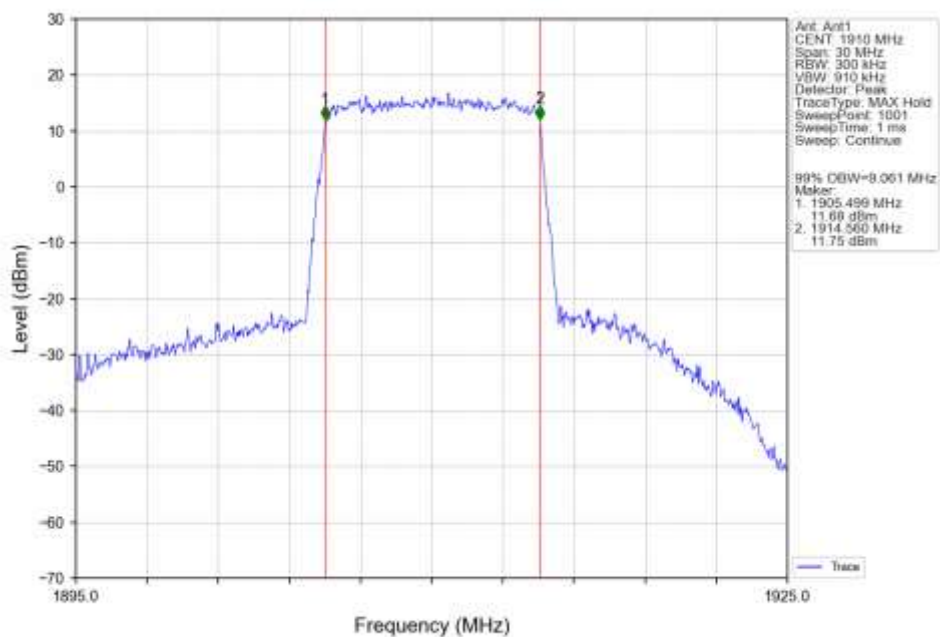
Band25 10MHz 16QAM LCH 1855MHz RB 50 0 NTV



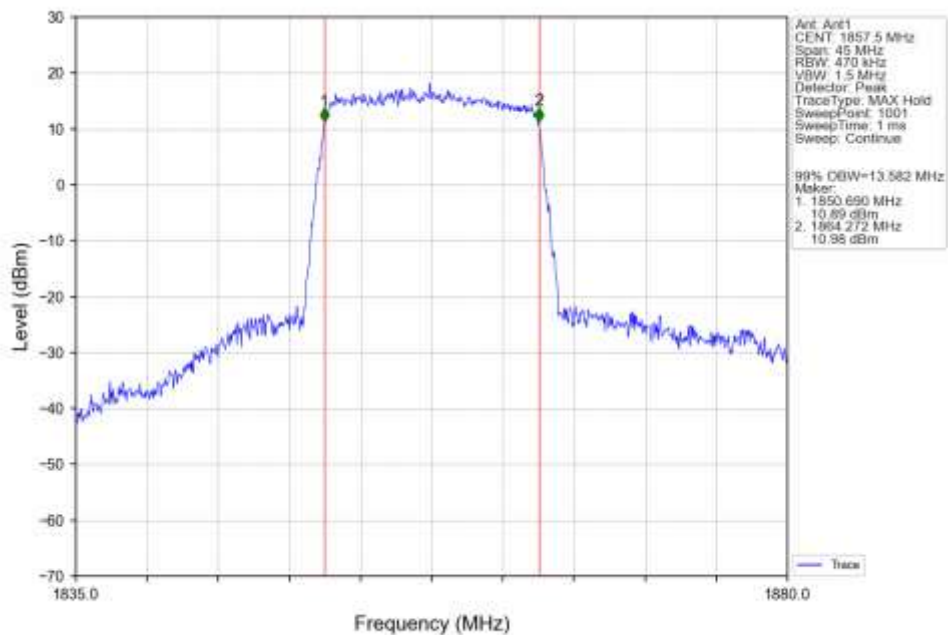
Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTNV



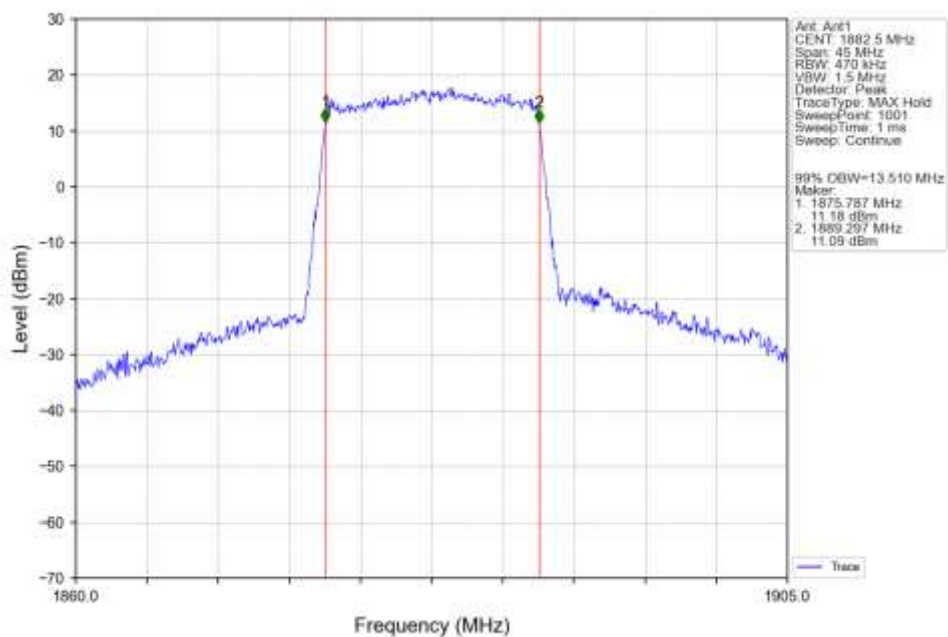
Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTNV



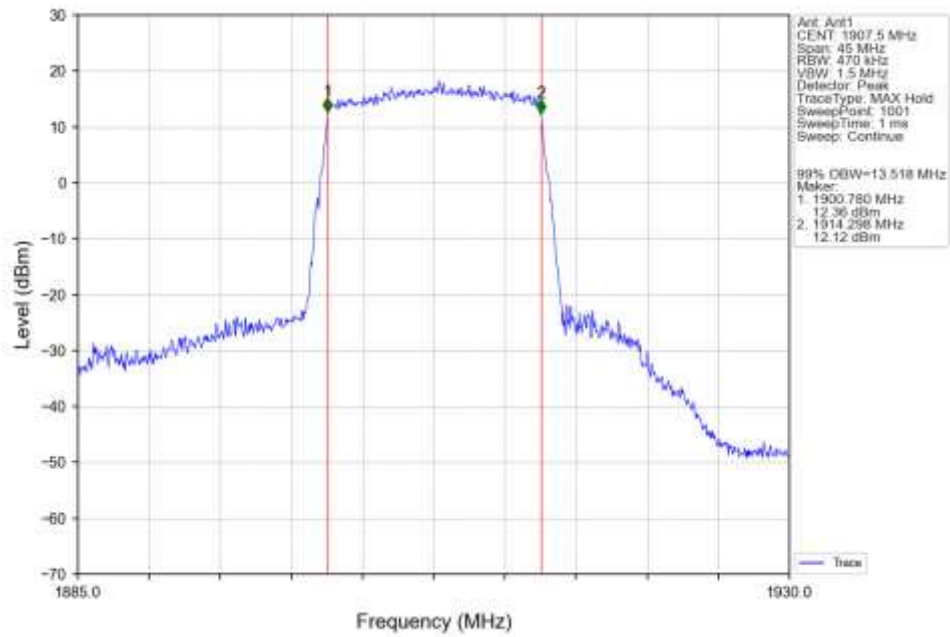
Band25 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



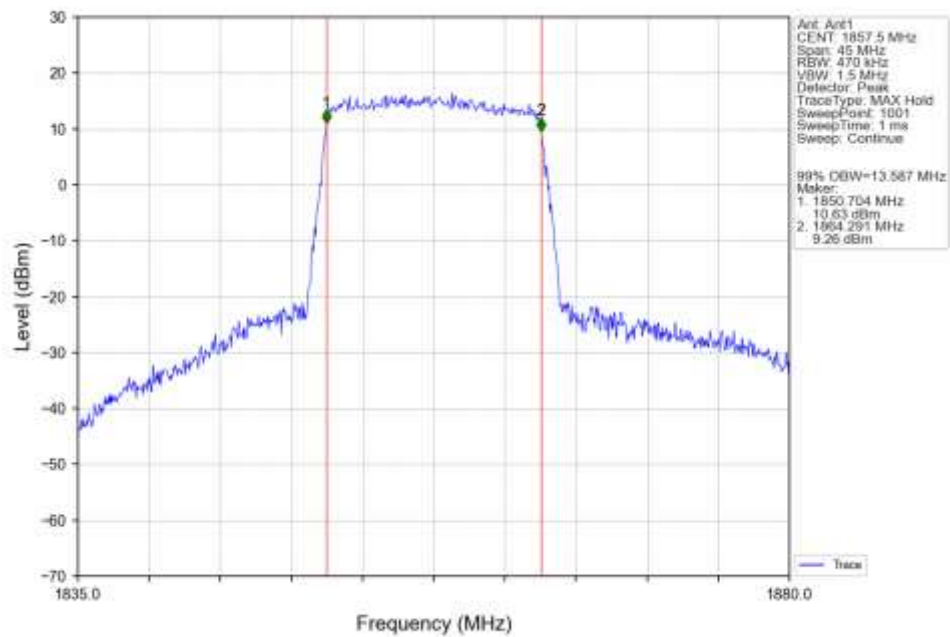
Band25 15MHz QPSK MCH 1882.5MHz RB 75 0 NTNV



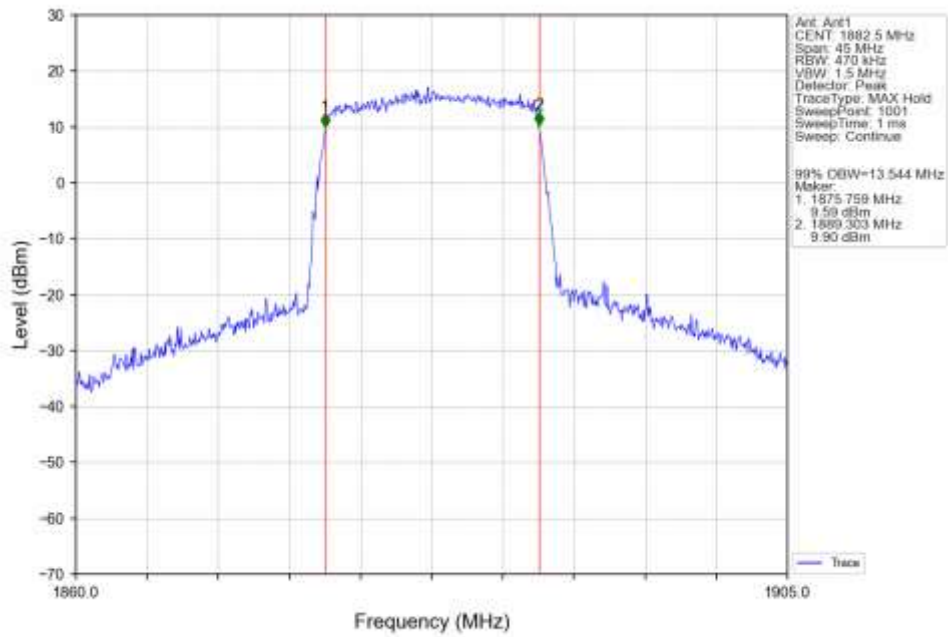
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV



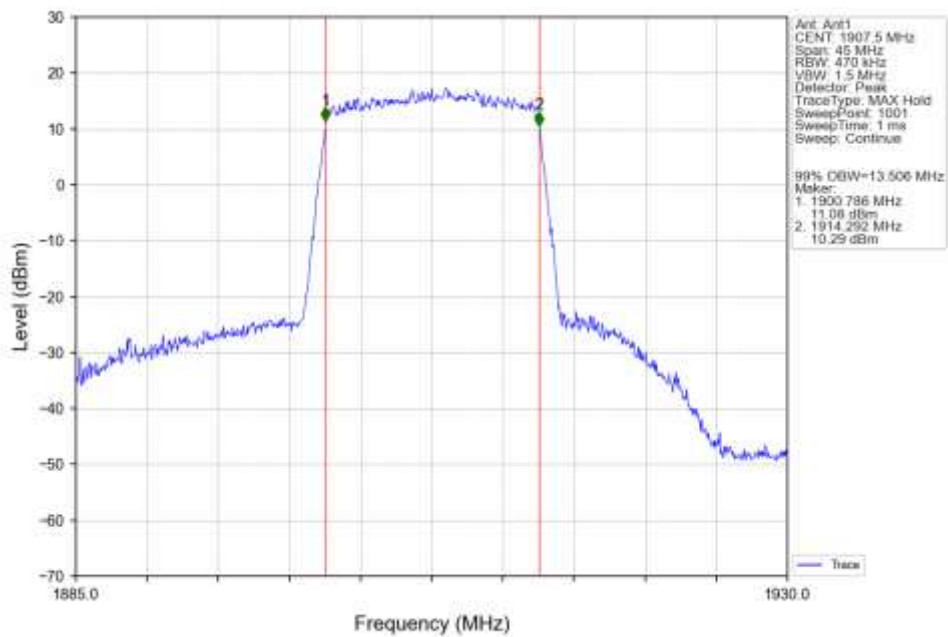
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



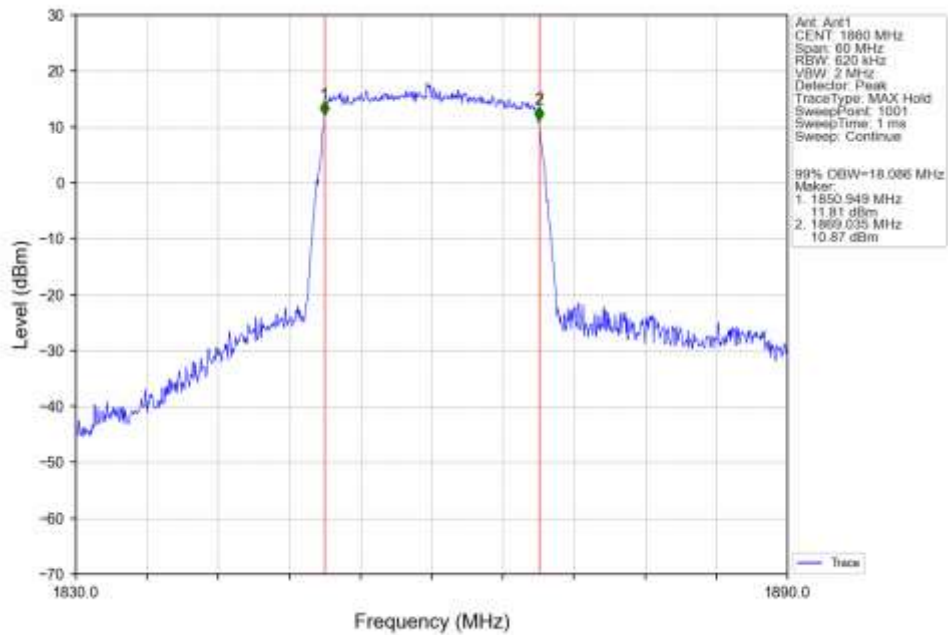
Band25 15MHz 16QAM MCH 1882.5MHz RB 75 0 NTNV



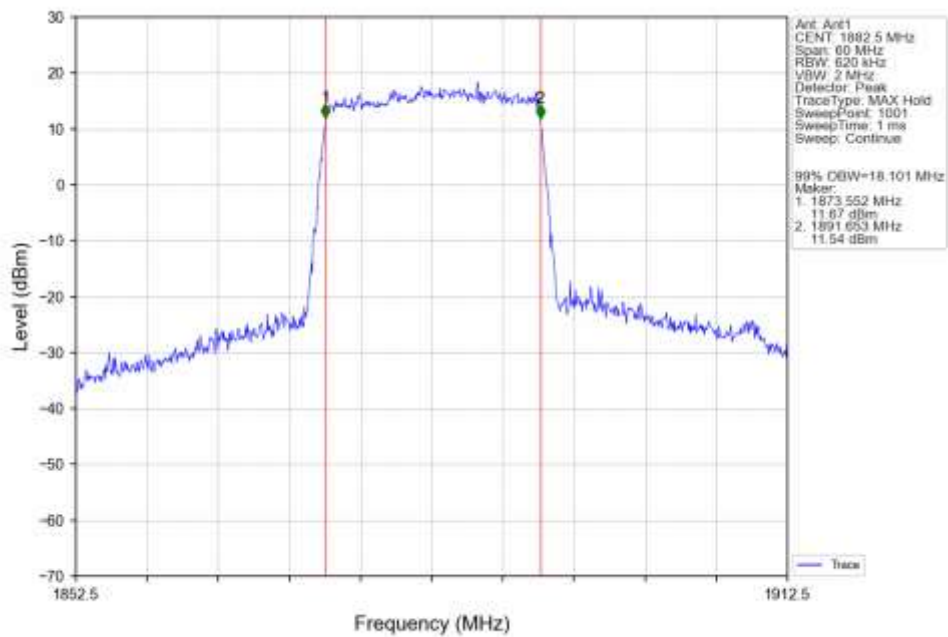
Band25 15MHz 16QAM HCH 1907.5MHz RB 75 0 NTNV



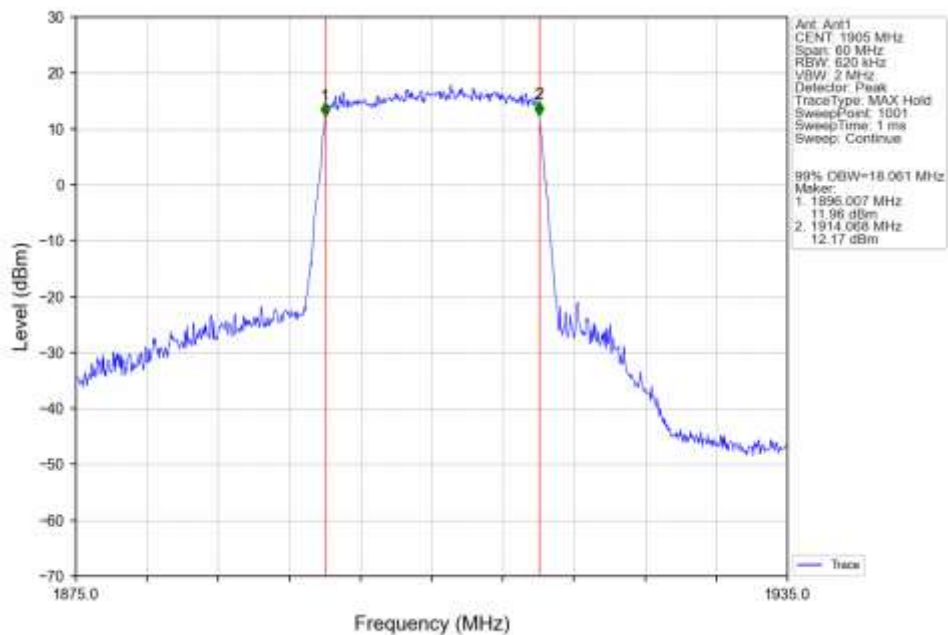
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



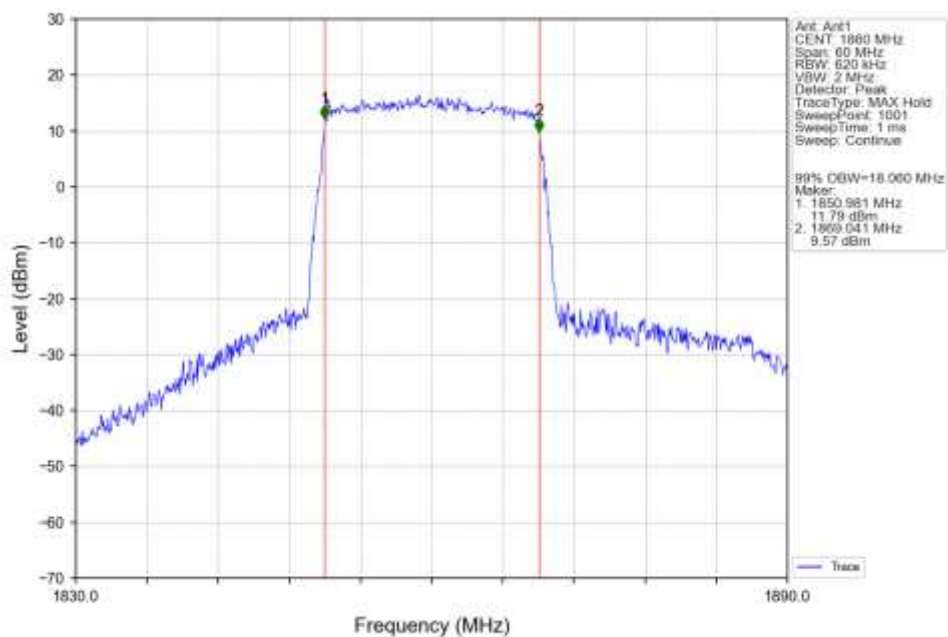
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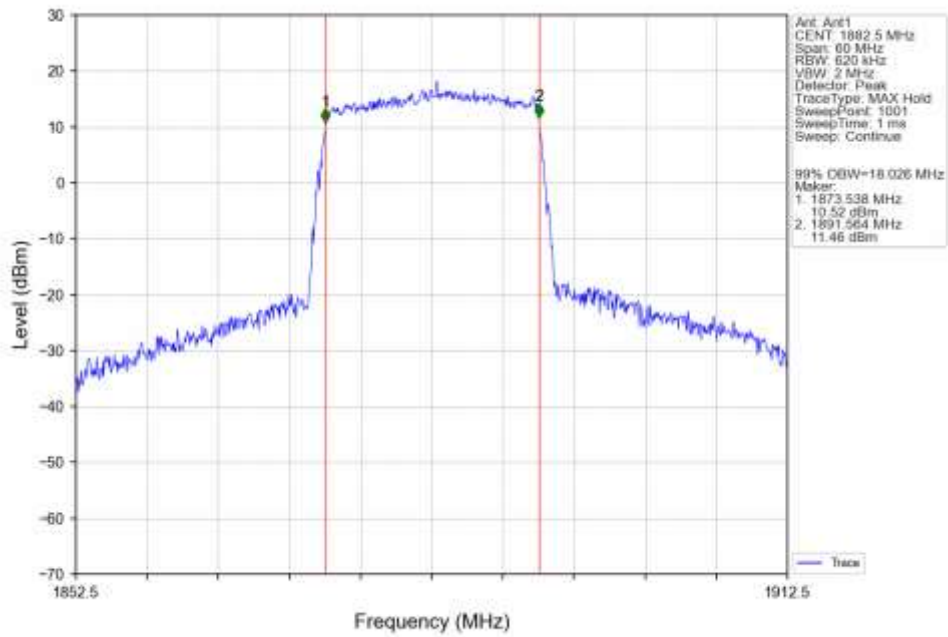
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTNV



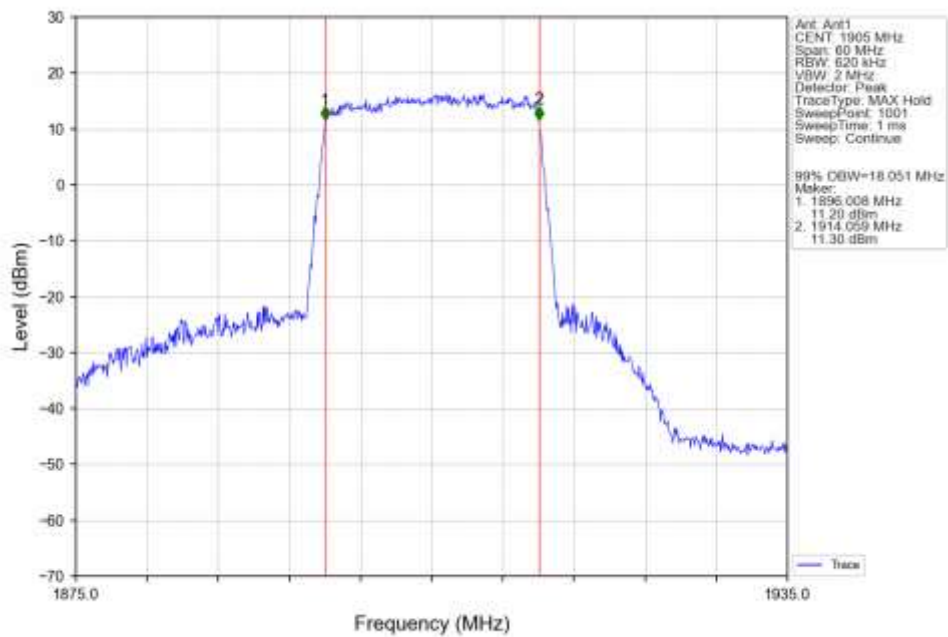
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



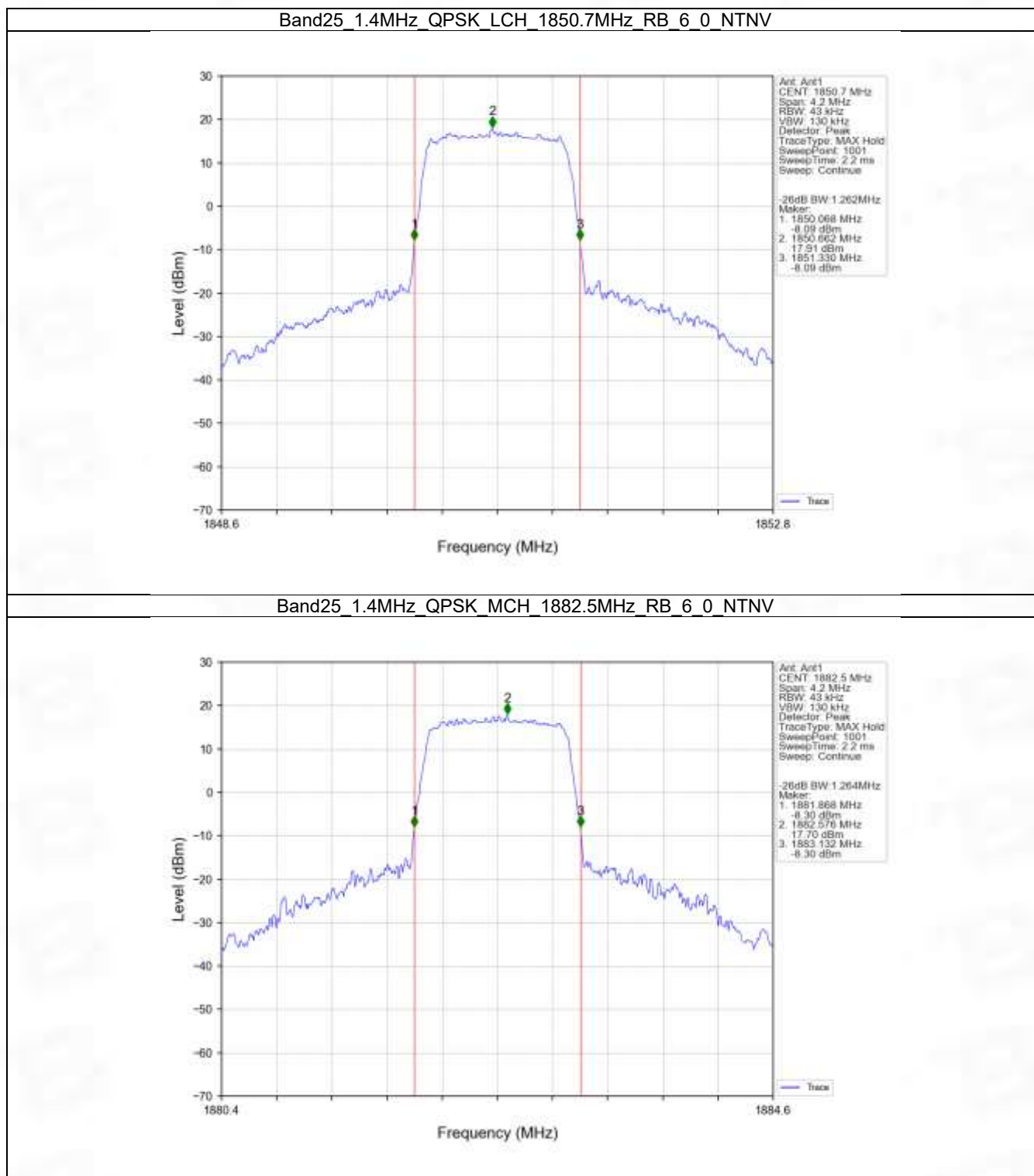
Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTNV



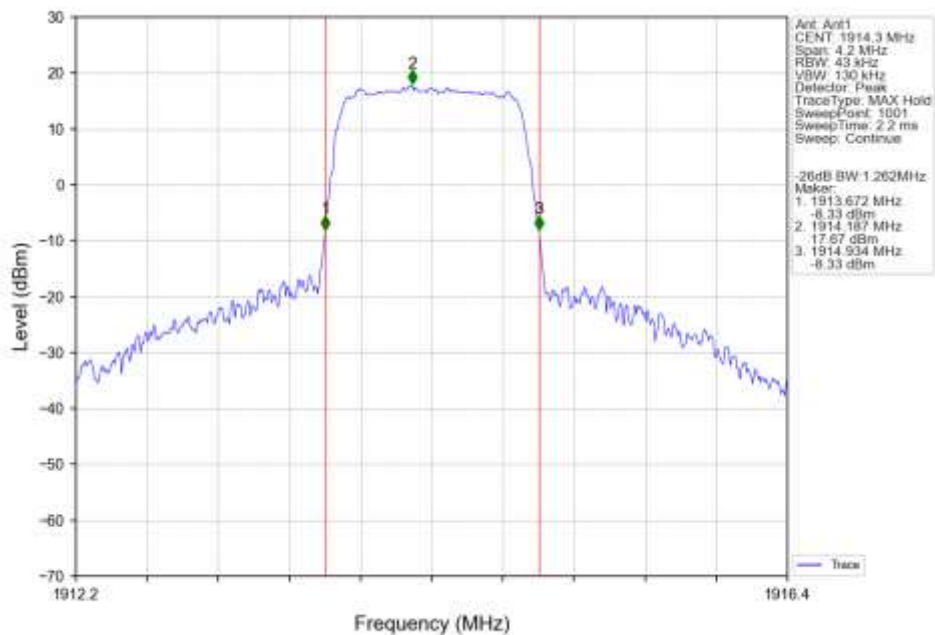
Band25 20MHz 16QAM HCH 1905MHz RB 100 0 NTNV



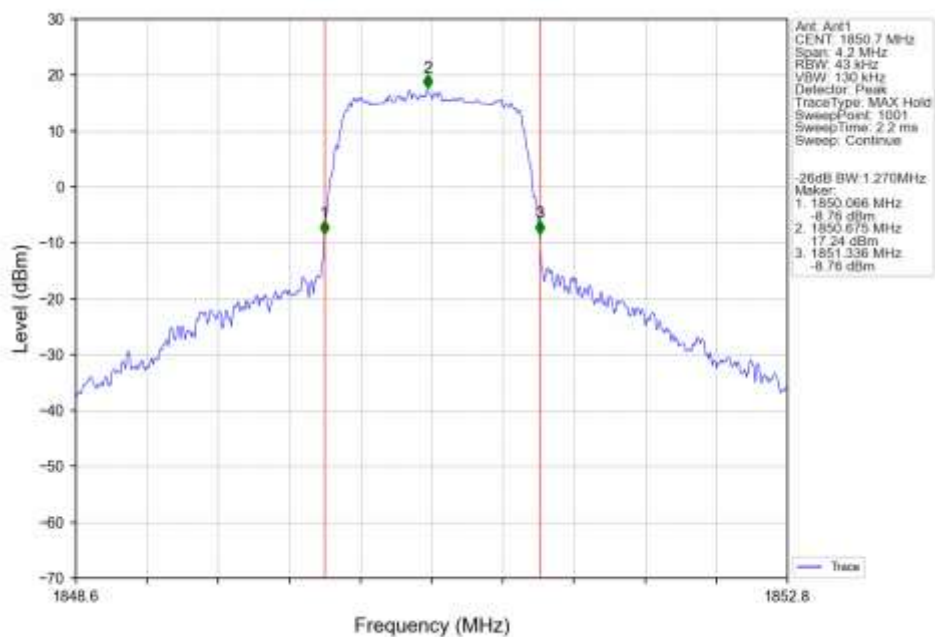
## 4.2.2 Band25\_XDB



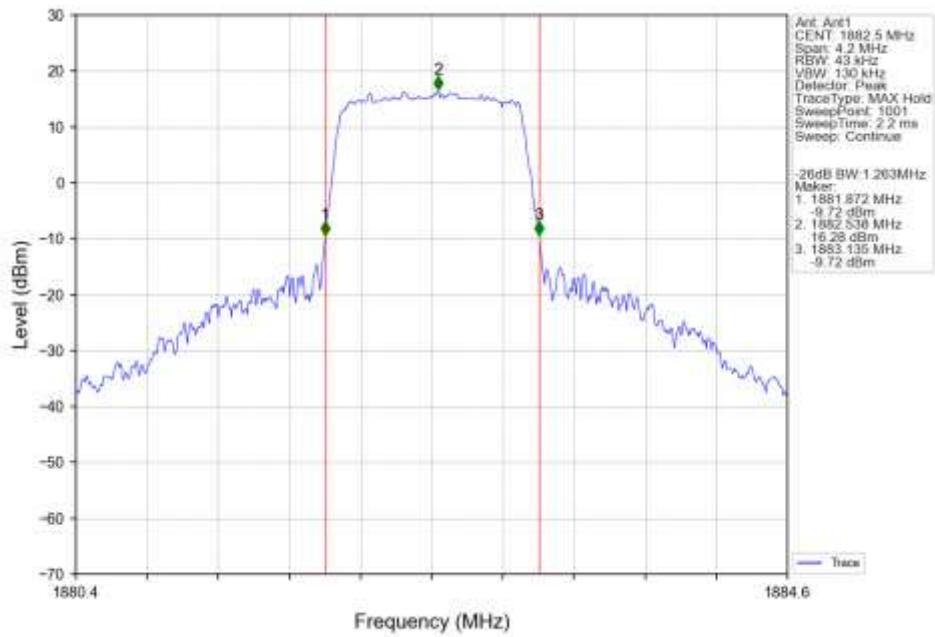
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



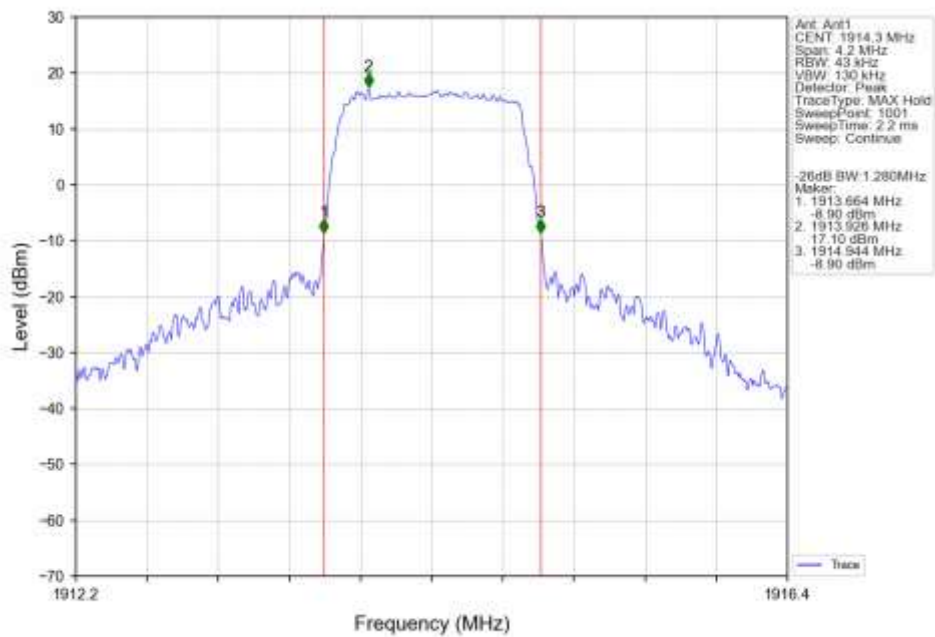
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



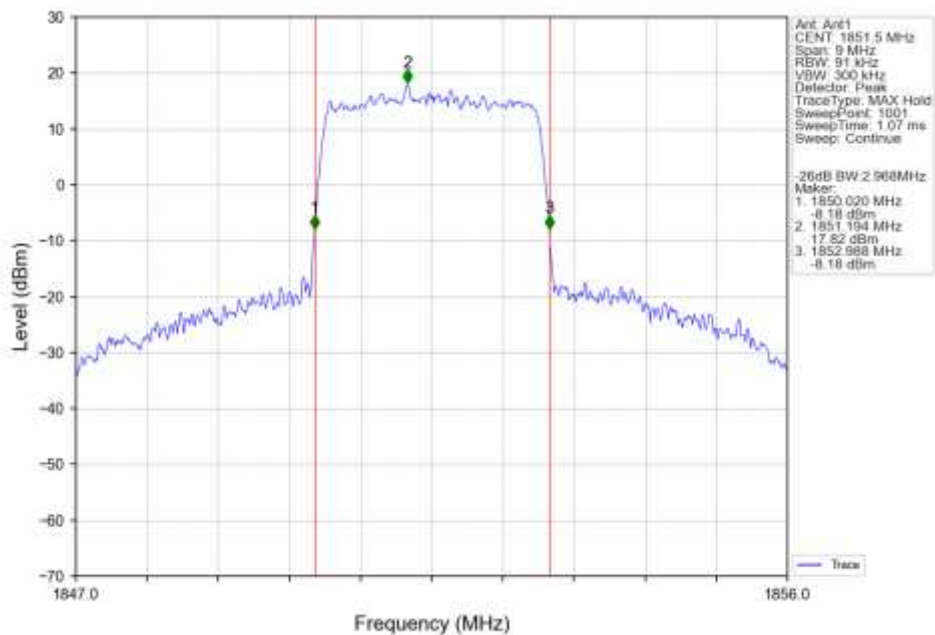
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTN



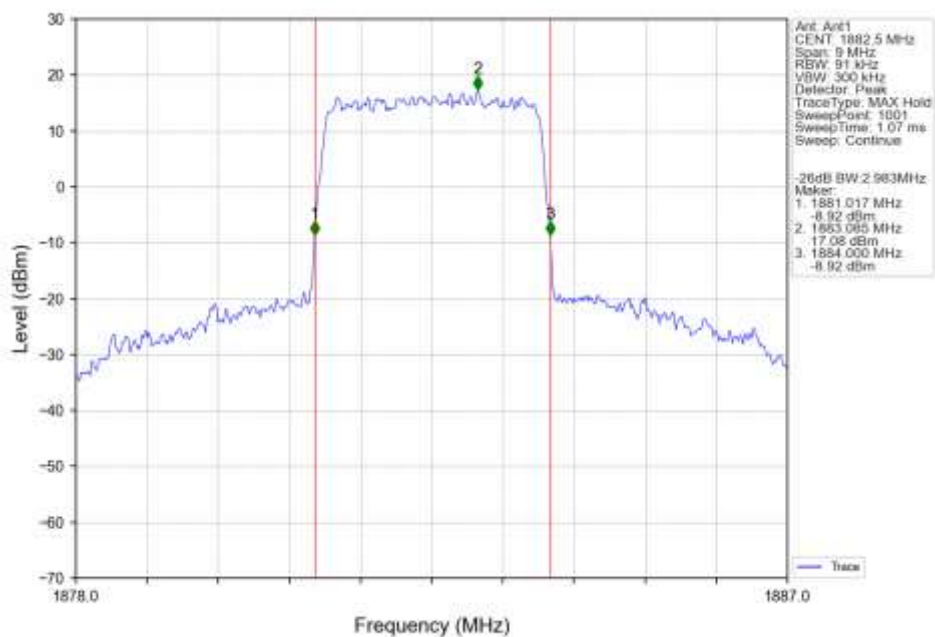
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTN



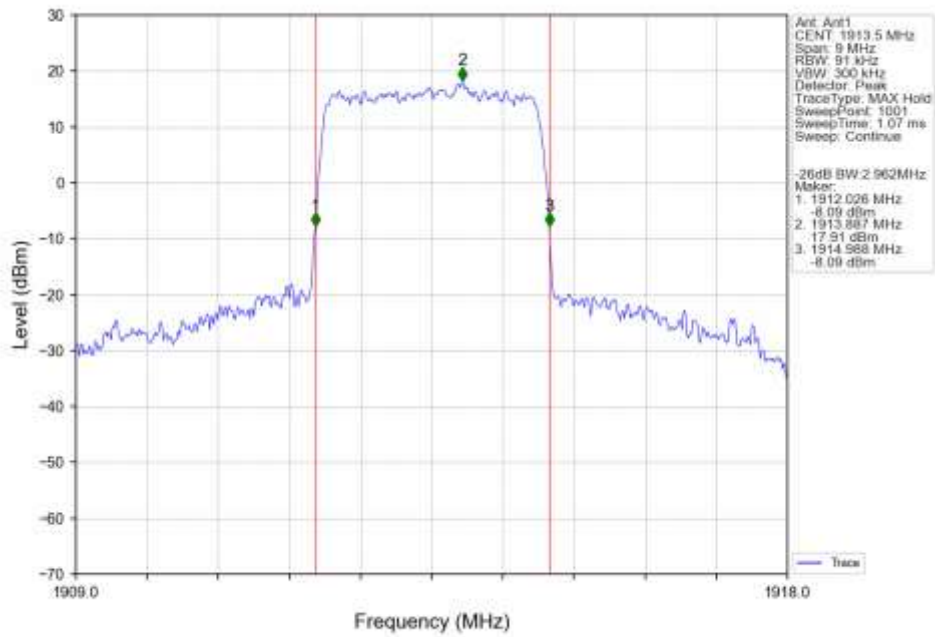
Band25 3MHz QPSK LCH 1851.5MHz RB 15 0 NTV



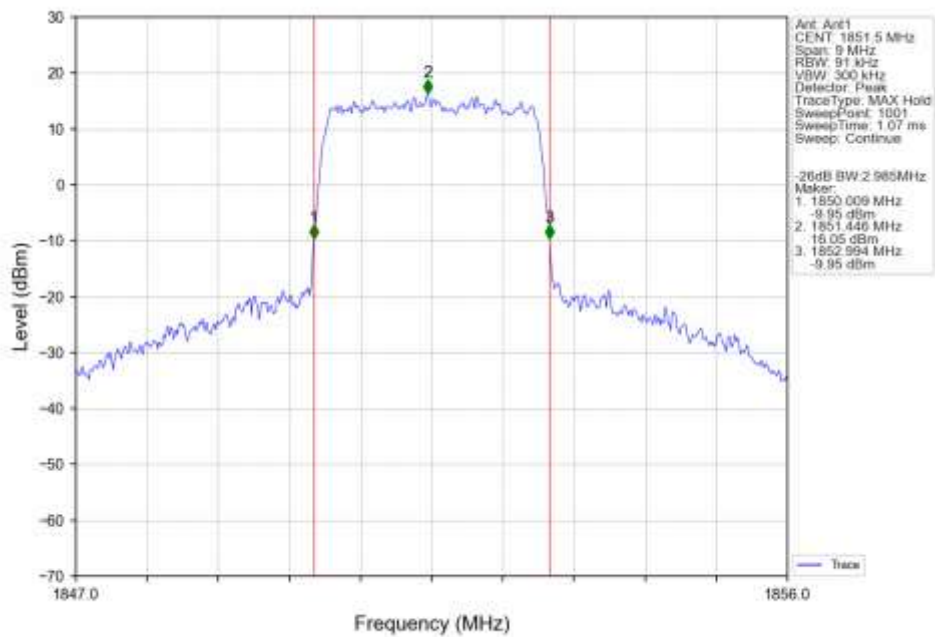
Band25 3MHz QPSK MCH 1882.5MHz RB 15 0 NTV



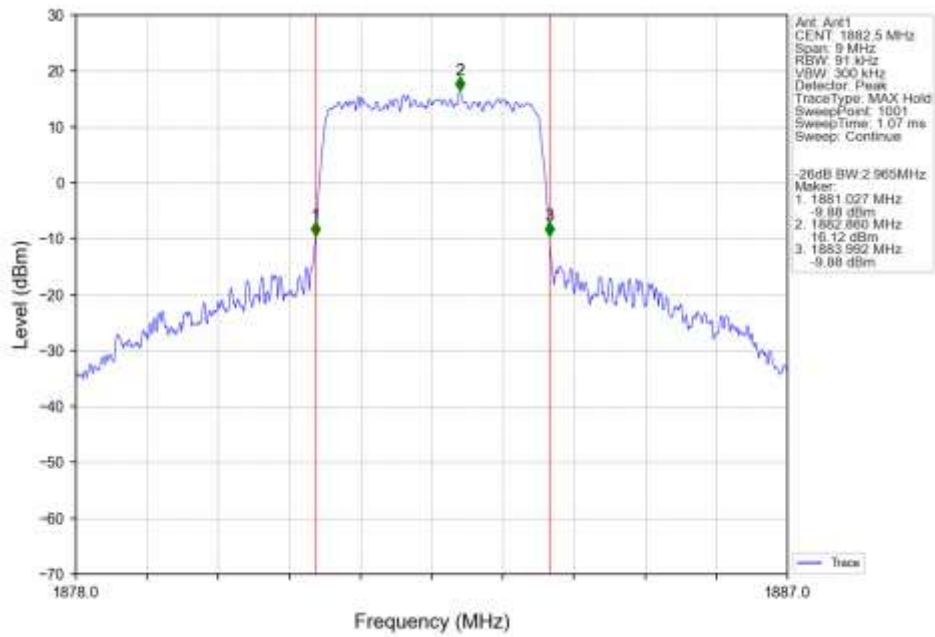
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTV



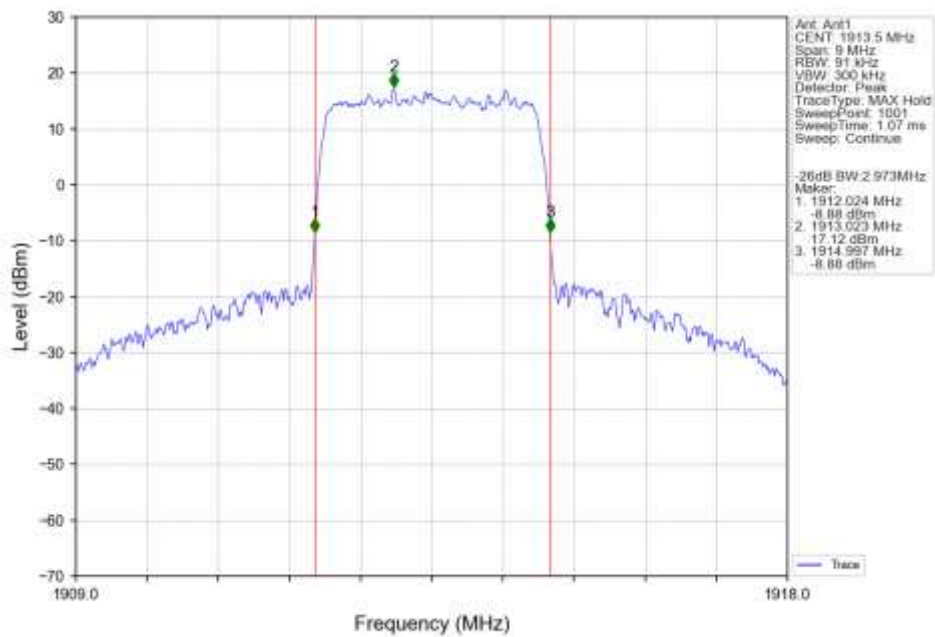
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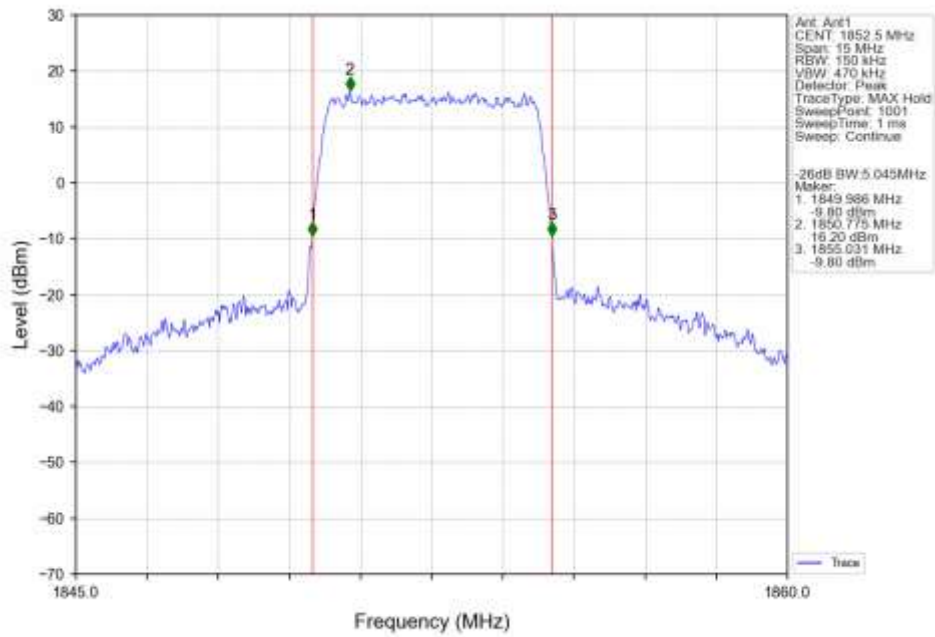
Band25 3MHz 16QAM MCH 1882.5MHz RB 15.0 NTNV



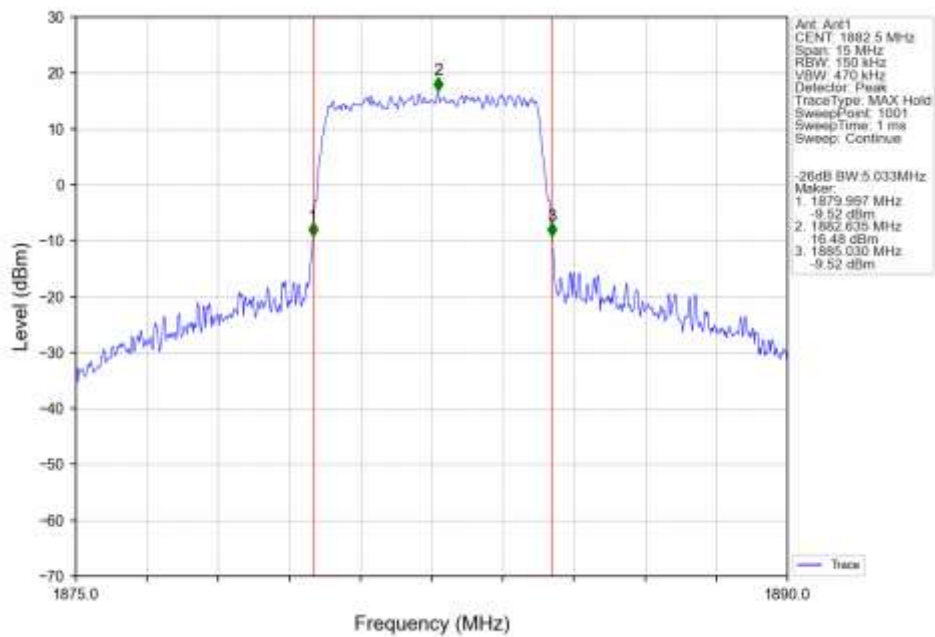
Band25 3MHz 16QAM HCH 1913.5MHz RB 15.0 NTNV



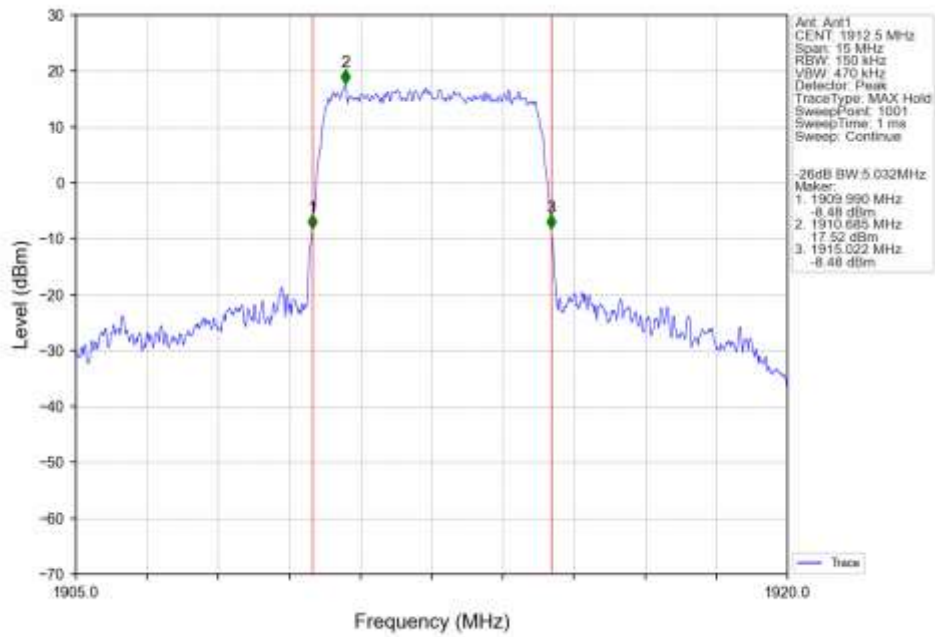
Band25 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



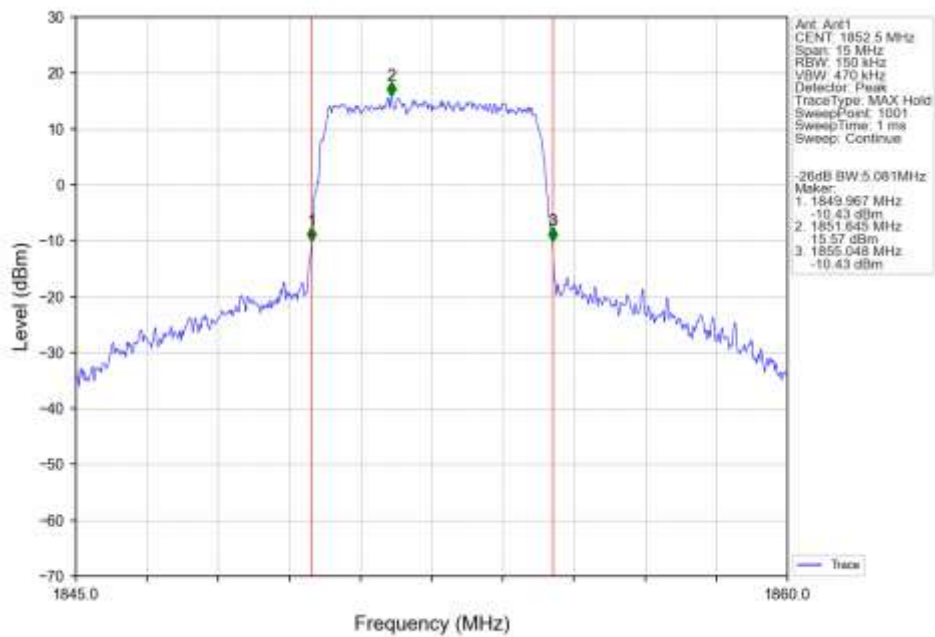
Band25 5MHz QPSK MCH 1882.5MHz RB 25 0 NTNV



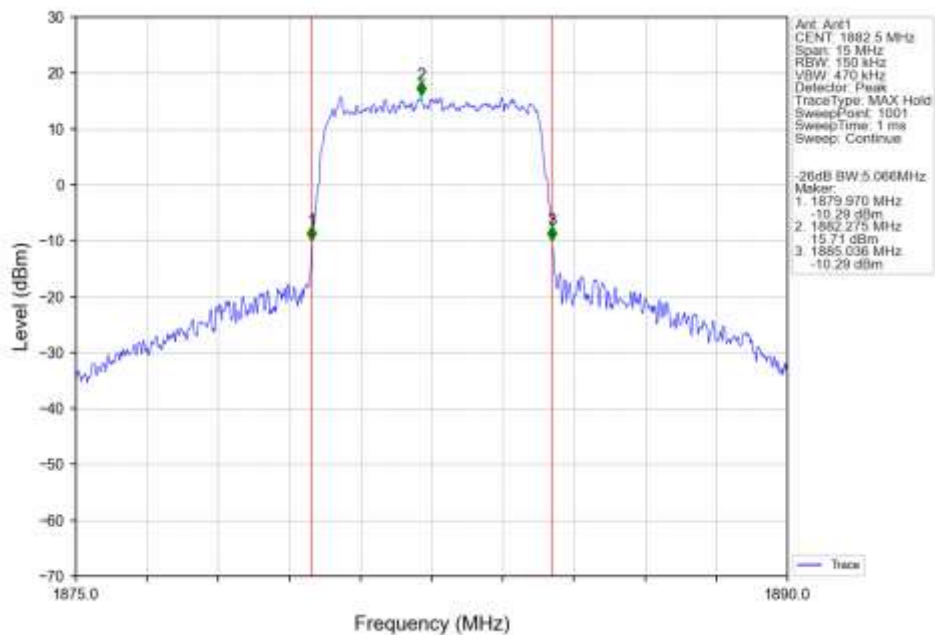
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



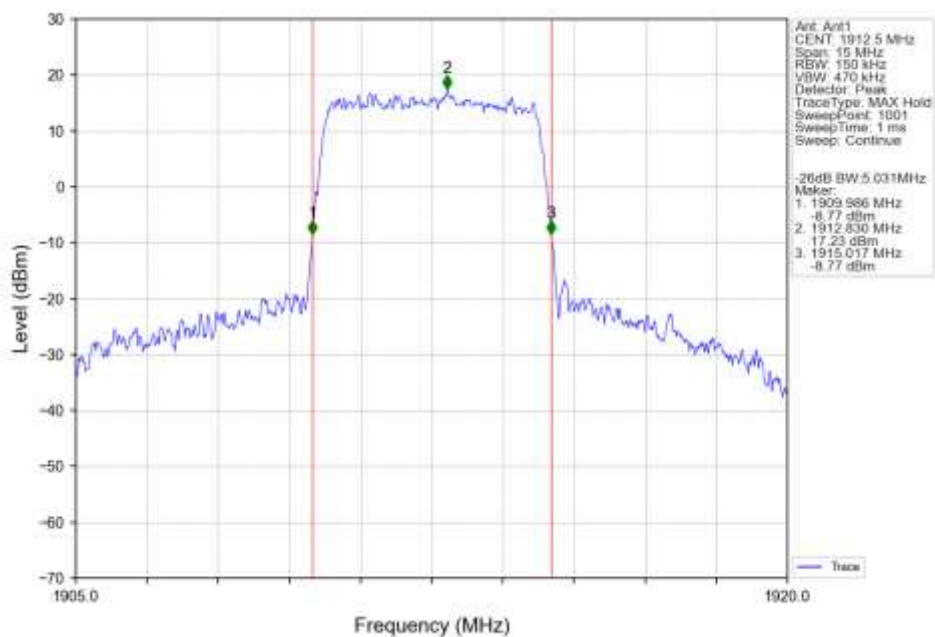
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



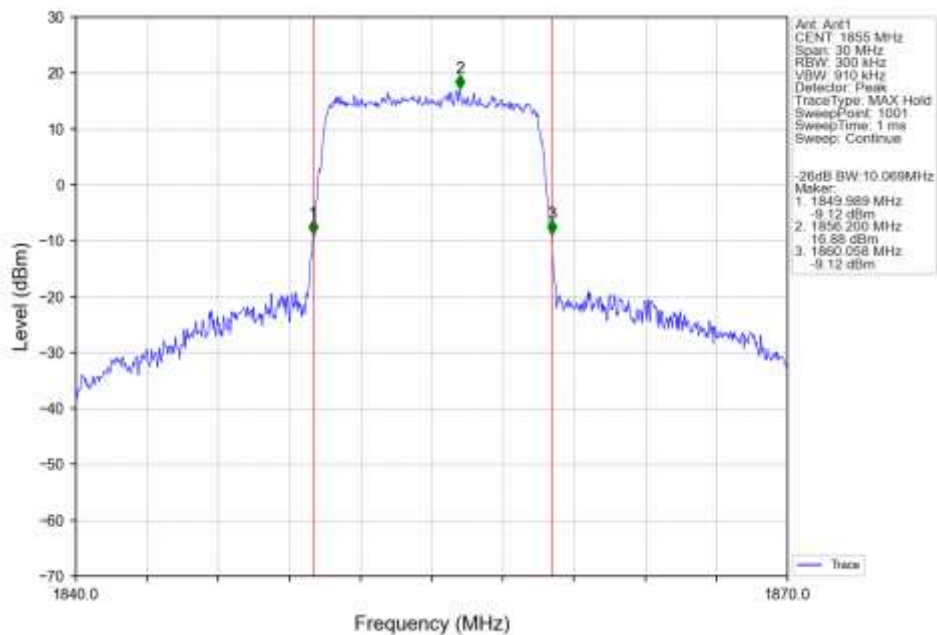
Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTNV



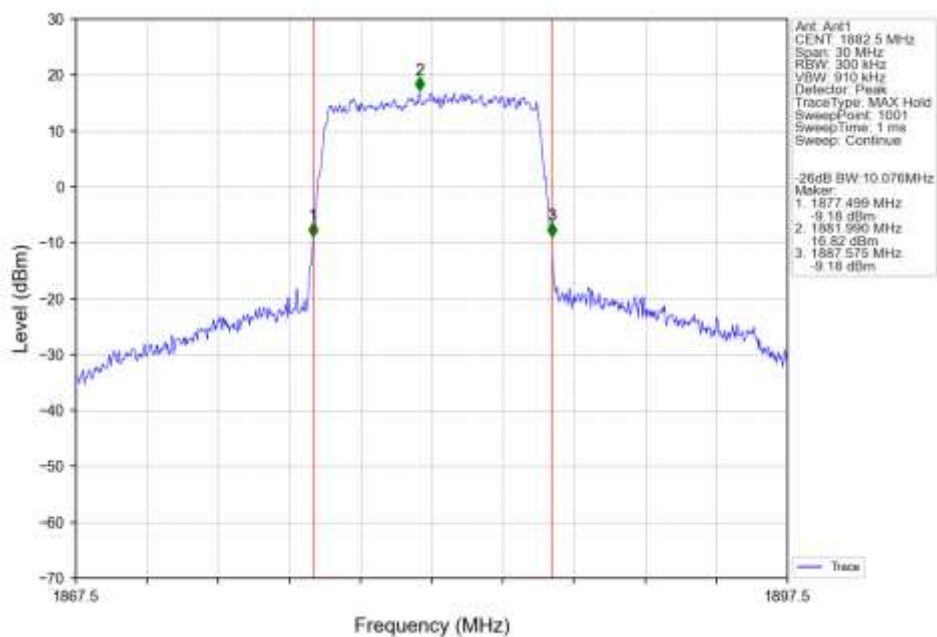
Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTNV



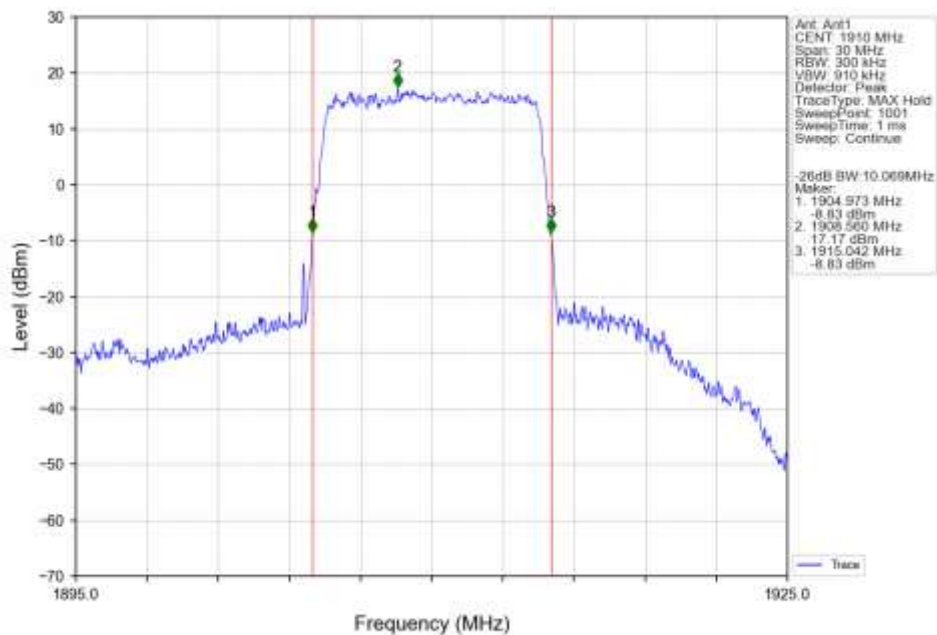
Band25 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



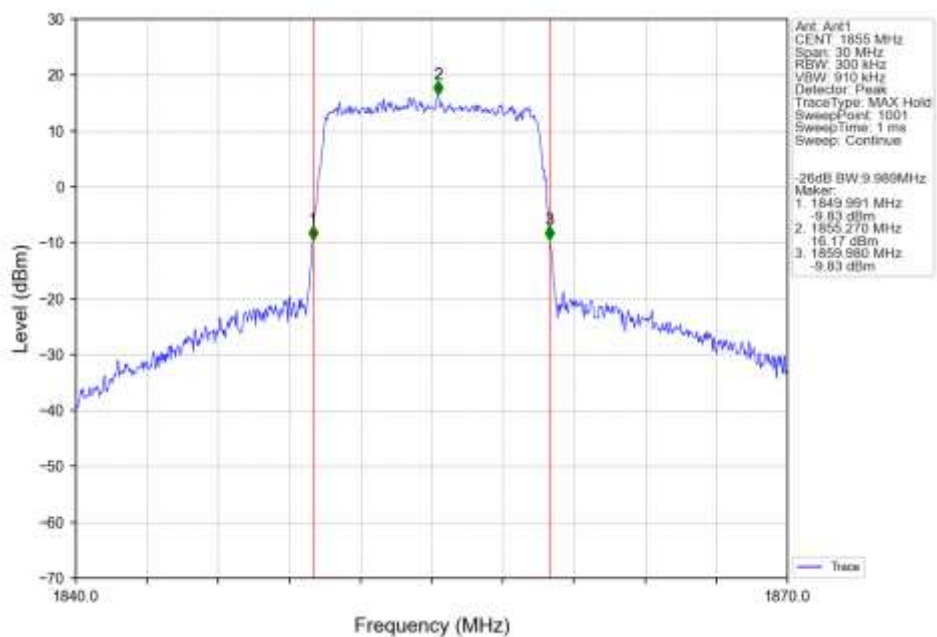
Band25 10MHz QPSK MCH 1882.5MHz RB 50 0 NTNV



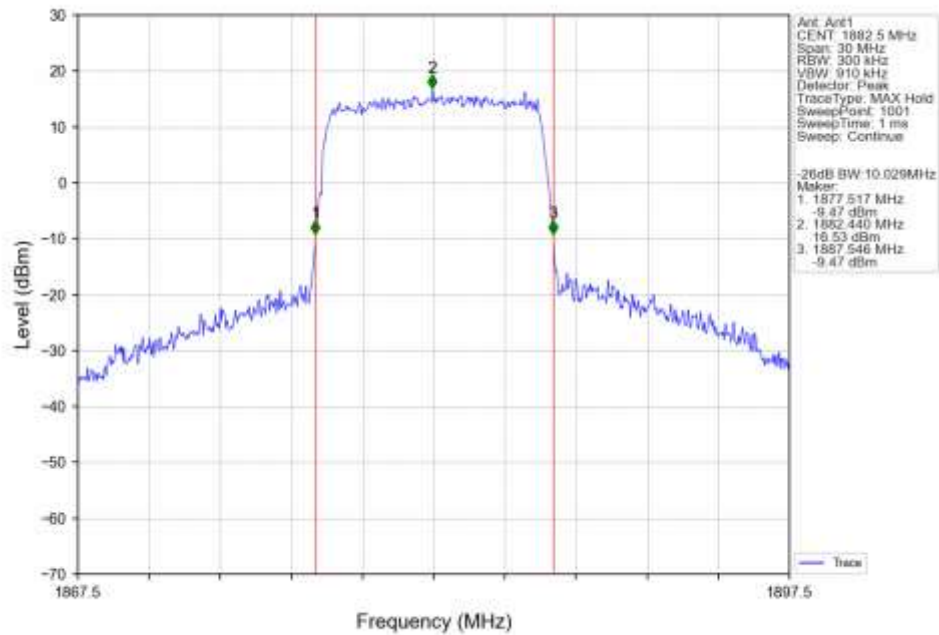
Band25 10MHz QPSK HCH 1910MHz RB 50 0 NTV



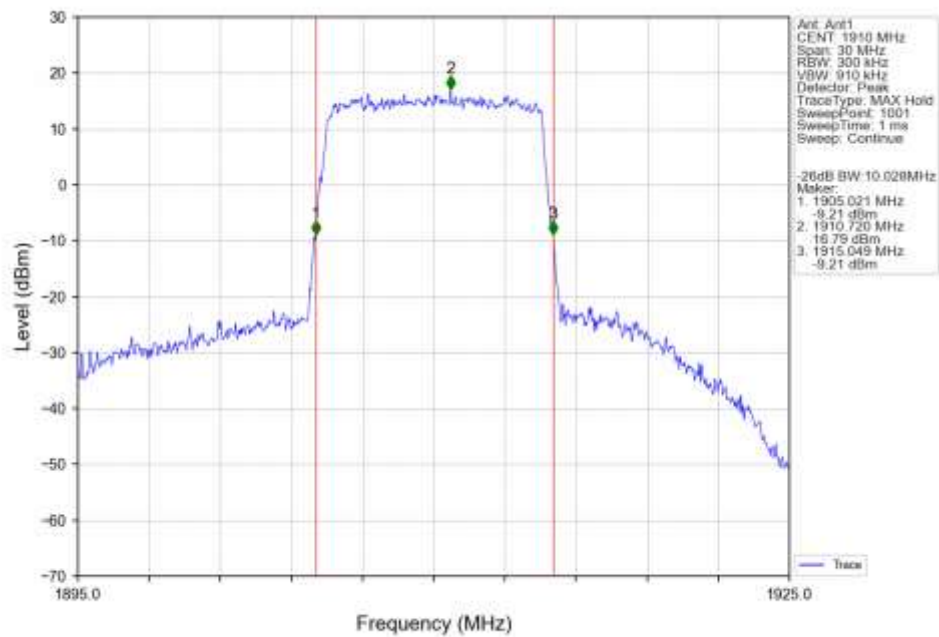
Band25 10MHz 16QAM LCH 1855MHz RB 50 0 NTV



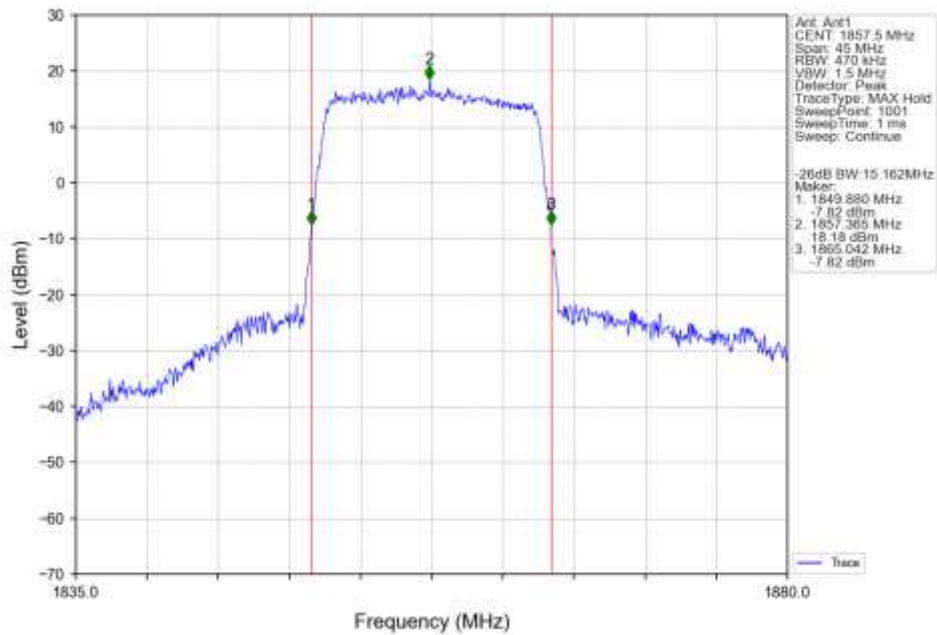
Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTNV



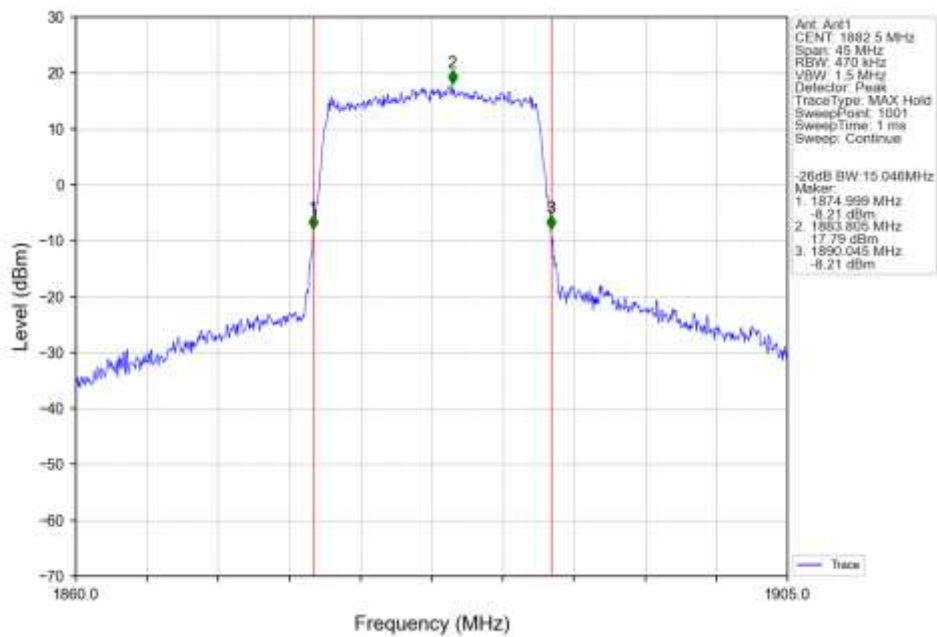
Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTNV



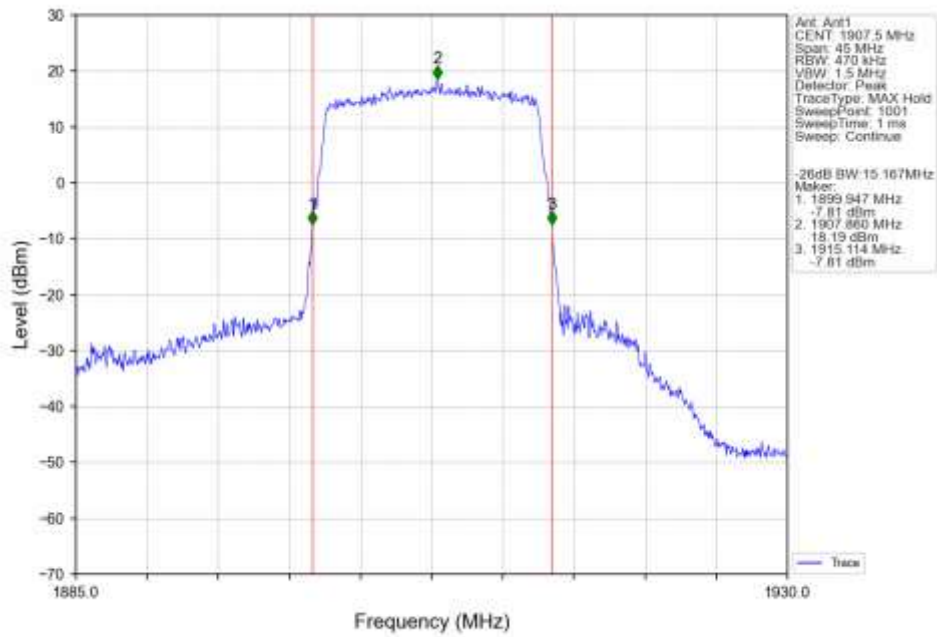
Band25 15MHz QPSK LCH 1857.5MHz RB 75.0 NTNV



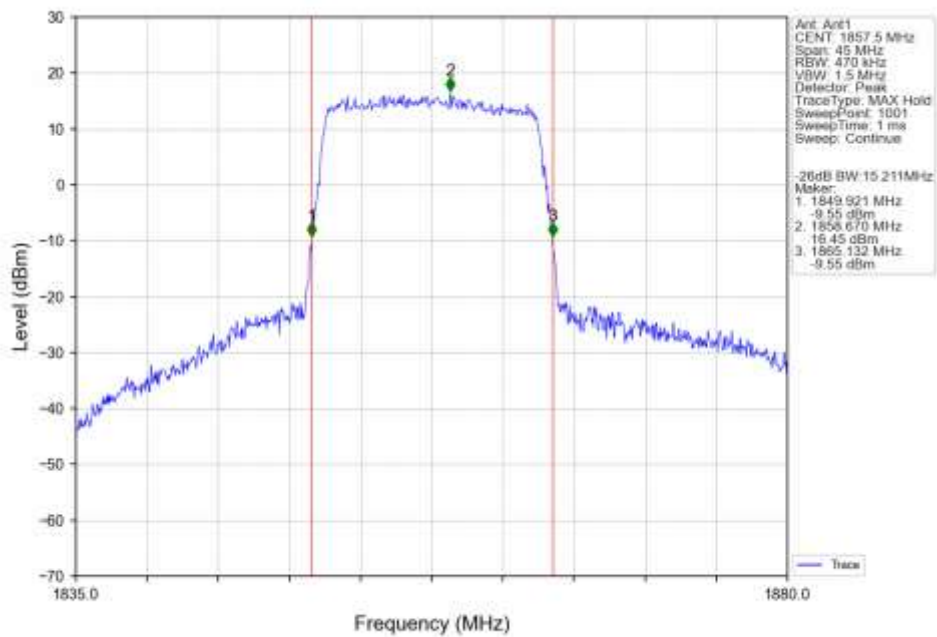
Band25 15MHz QPSK MCH 1882.5MHz RB 75.0 NTNV



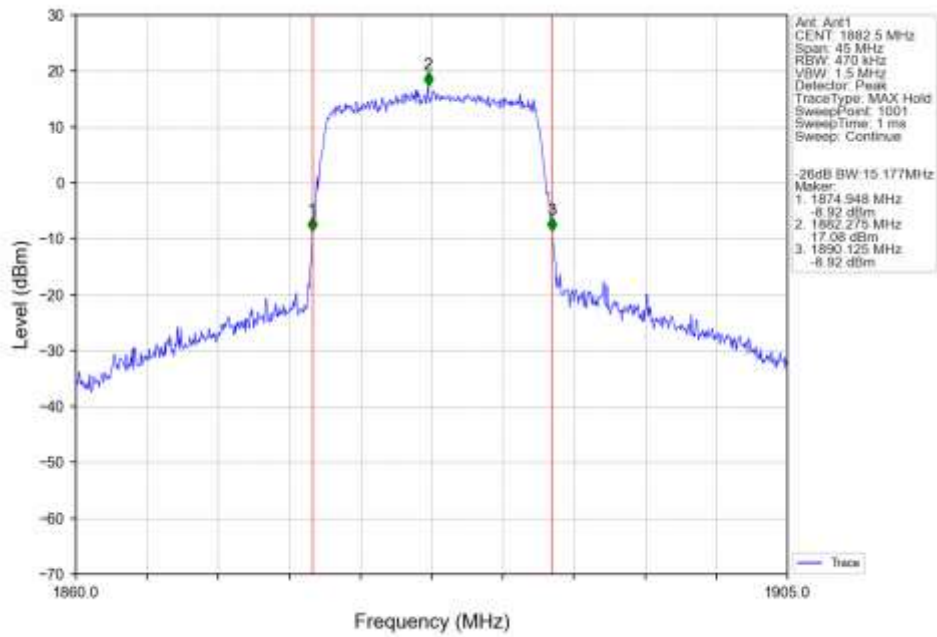
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV



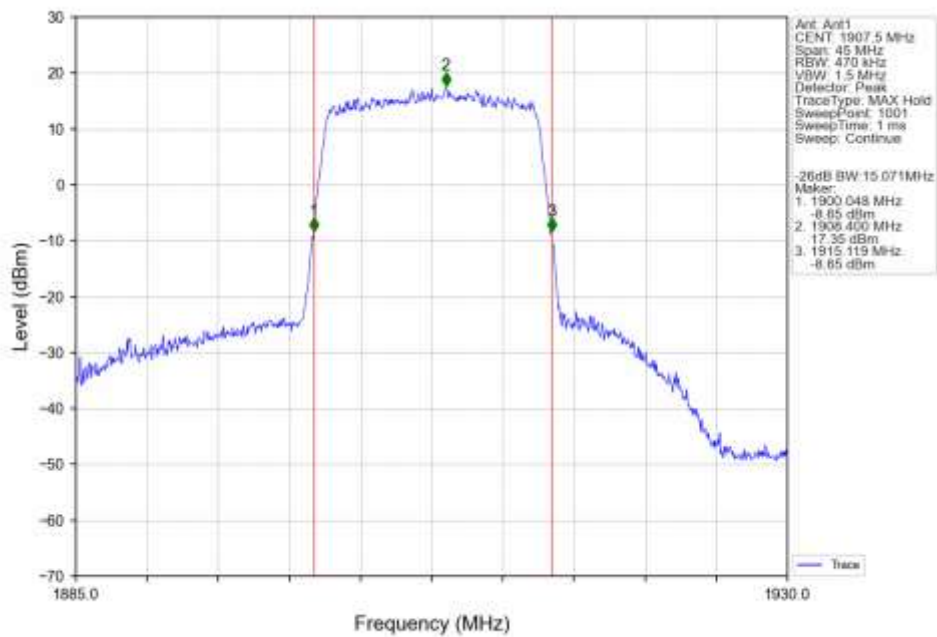
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



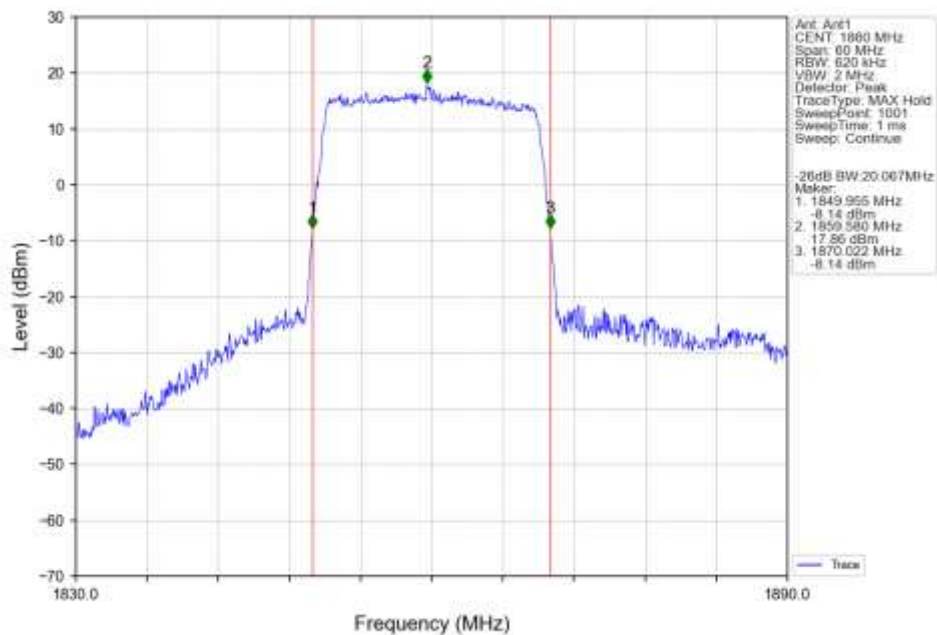
Band25 15MHz 16QAM MCH 1882.5MHz RB 75 0 NTNV



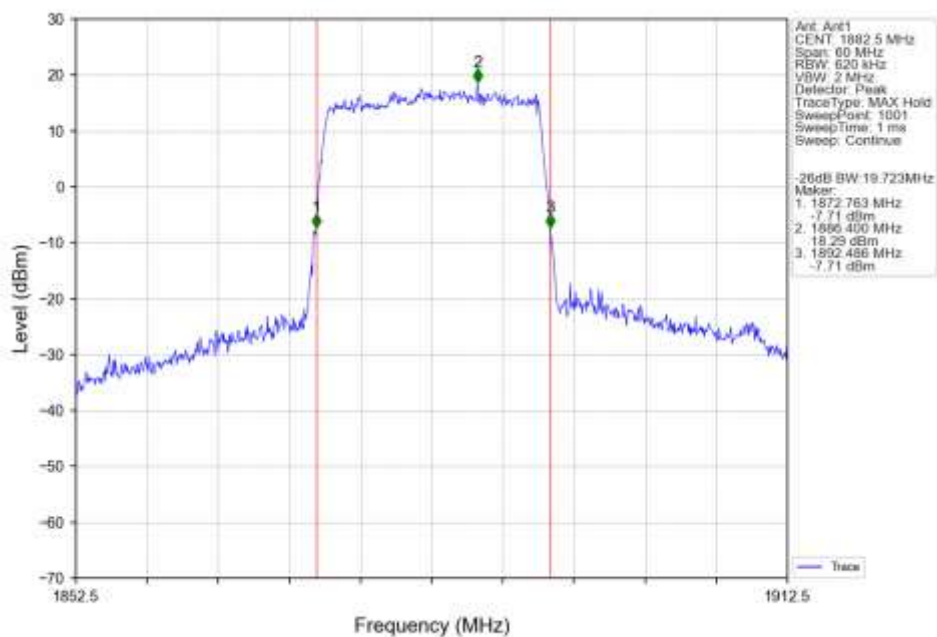
Band25 15MHz 16QAM HCH 1907.5MHz RB 75 0 NTNV



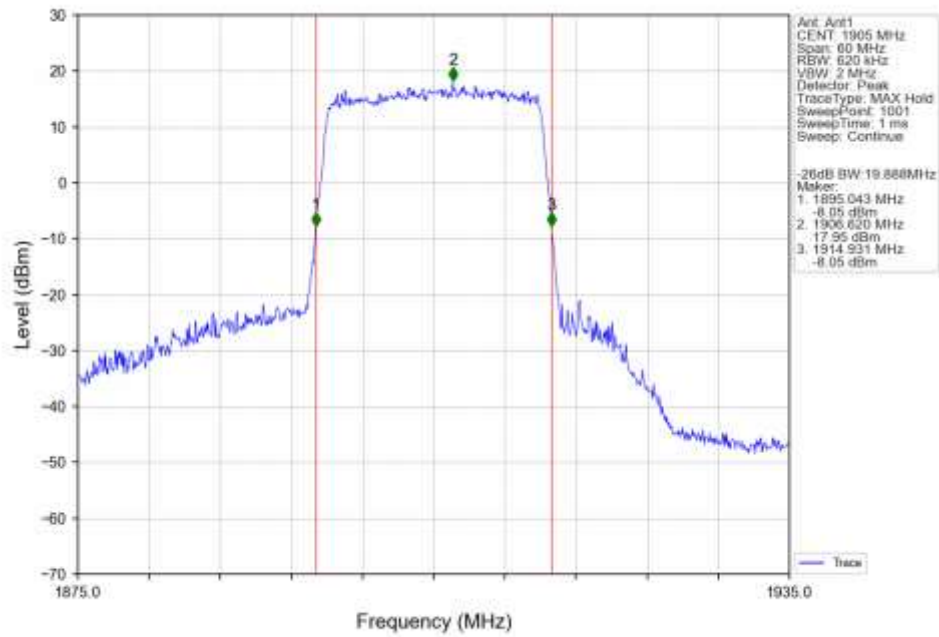
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



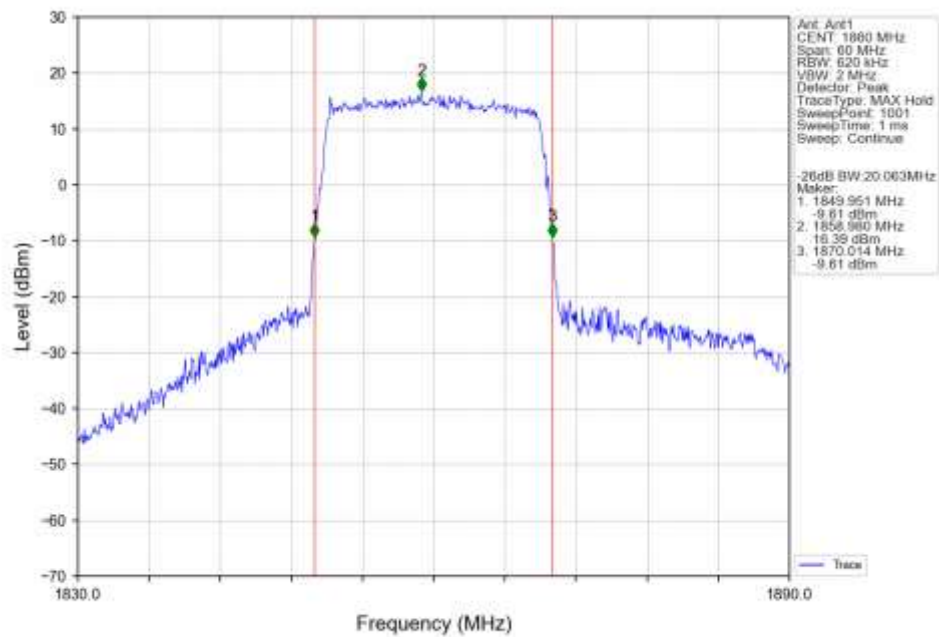
Band25 20MHz QPSK MCH 1882.5MHz RB 100 0 NTNV



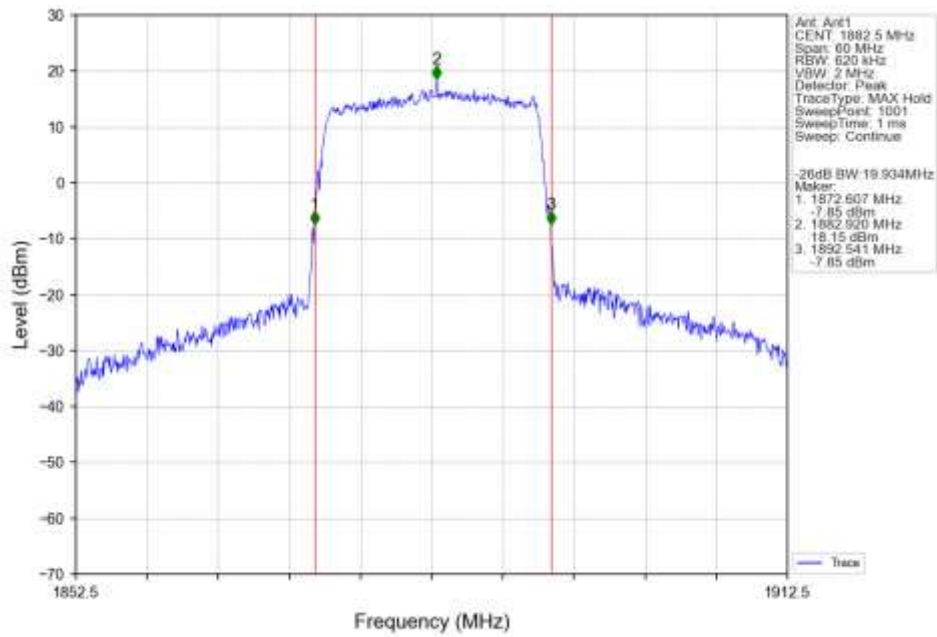
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTNV



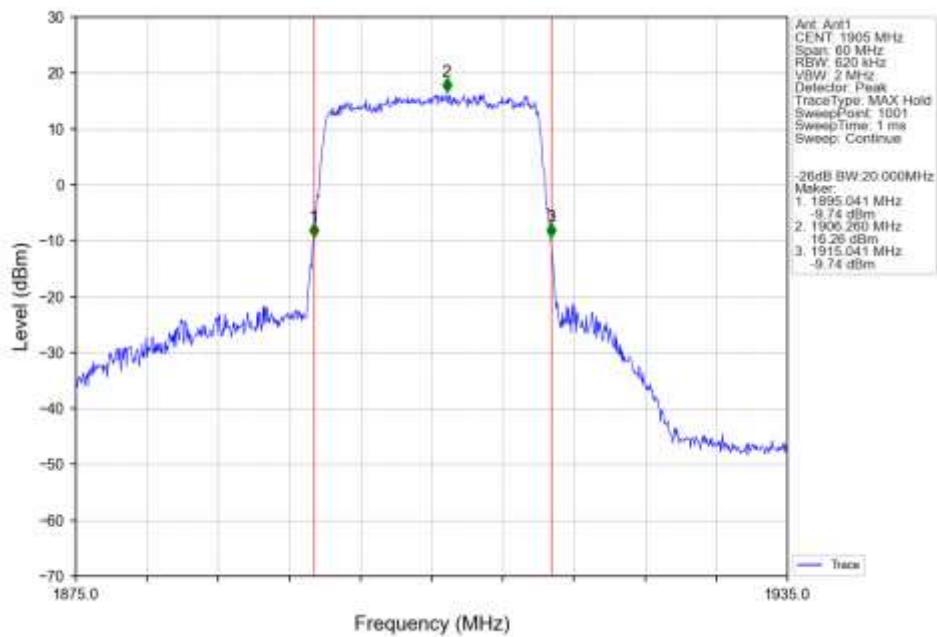
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



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



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



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B25\_1.4MHz

| Band: 25 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                         |       |         |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                     |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                                | 1850.7          | 6             | 0      | 4.53                    | <=13  | Pass    |
|                                     | 1882.5          | 6             | 0      | 4.68                    | <=13  | Pass    |
|                                     | 1914.3          | 6             | 0      | 4.96                    | <=13  | Pass    |
| 16QAM                               | 1850.7          | 6             | 0      | 5.32                    | <=13  | Pass    |
|                                     | 1882.5          | 6             | 0      | 5.56                    | <=13  | Pass    |
|                                     | 1914.3          | 6             | 0      | 5.75                    | <=13  | Pass    |

#### 5.1.2 B25\_3MHz

| Band: 25 / Bandwidth: 3MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1851.5          | 15            | 0      | 4.77                    | <=13  | Pass    |
|                                   | 1882.5          | 15            | 0      | 4.89                    | <=13  | Pass    |
|                                   | 1913.5          | 15            | 0      | 5.20                    | <=13  | Pass    |
| 16QAM                             | 1851.5          | 15            | 0      | 5.58                    | <=13  | Pass    |
|                                   | 1882.5          | 15            | 0      | 5.69                    | <=13  | Pass    |
|                                   | 1913.5          | 15            | 0      | 5.97                    | <=13  | Pass    |

#### 5.1.3 B25\_5MHz

| Band: 25 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 1852.5          | 25            | 0      | 5.06                    | <=13  | Pass    |
|                                   | 1882.5          | 25            | 0      | 5.18                    | <=13  | Pass    |
|                                   | 1912.5          | 25            | 0      | 5.39                    | <=13  | Pass    |
| 16QAM                             | 1852.5          | 25            | 0      | 5.85                    | <=13  | Pass    |
|                                   | 1882.5          | 25            | 0      | 5.94                    | <=13  | Pass    |
|                                   | 1912.5          | 25            | 0      | 6.10                    | <=13  | Pass    |

#### 5.1.4 B25\_10MHz

| Band: 25 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1855            | 50            | 0      | 5.20                    | <=13  | Pass    |
|                                    | 1882.5          | 50            | 0      | 5.15                    | <=13  | Pass    |
|                                    | 1910            | 50            | 0      | 5.46                    | <=13  | Pass    |
| 16QAM                              | 1855            | 50            | 0      | 5.96                    | <=13  | Pass    |
|                                    | 1882.5          | 50            | 0      | 5.95                    | <=13  | Pass    |

|  |      |    |   |      |      |      |
|--|------|----|---|------|------|------|
|  | 1910 | 50 | 0 | 6.23 | <=13 | Pass |
|--|------|----|---|------|------|------|

### 5.1.5 B25\_15MHz

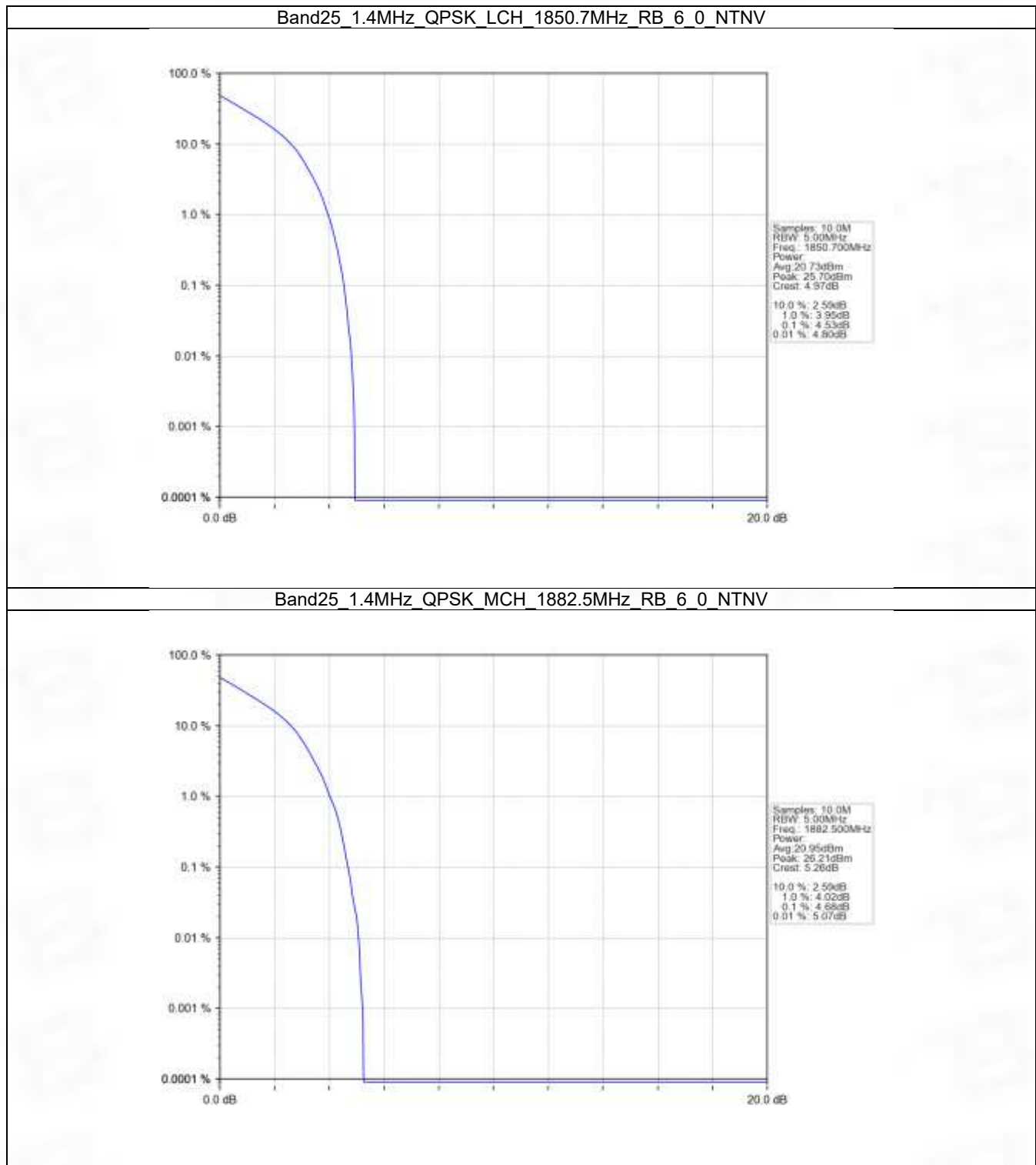
| Band: 25 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1857.5          | 75            | 0      | 5.46                    | <=13  | Pass    |
|                                    | 1882.5          | 75            | 0      | 5.19                    | <=13  | Pass    |
|                                    | 1907.5          | 75            | 0      | 5.62                    | <=13  | Pass    |
| 16QAM                              | 1857.5          | 75            | 0      | 6.09                    | <=13  | Pass    |
|                                    | 1882.5          | 75            | 0      | 5.85                    | <=13  | Pass    |
|                                    | 1907.5          | 75            | 0      | 6.24                    | <=13  | Pass    |

### 5.1.6 B25\_20MHz

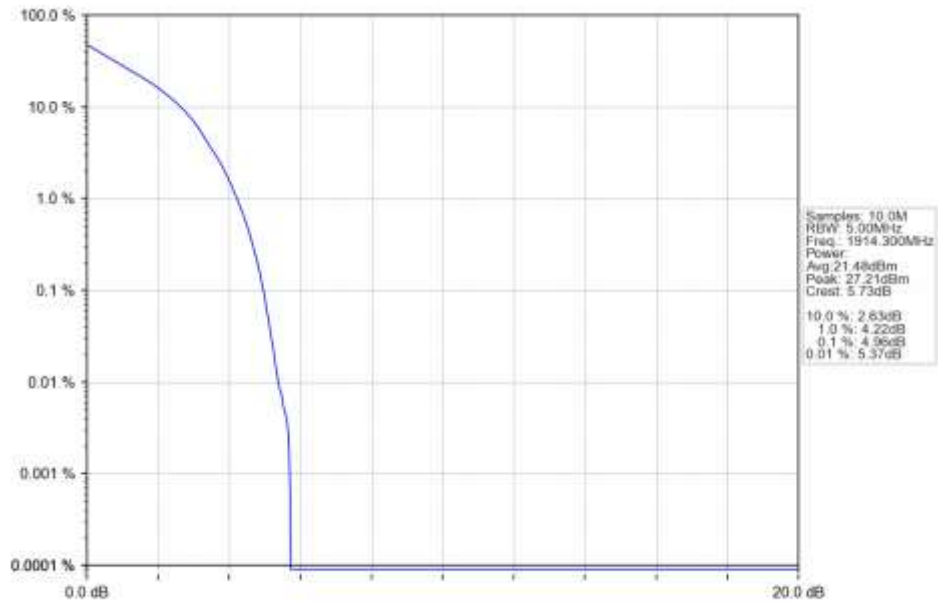
| Band: 25 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1860            | 100           | 0      | 5.44                    | <=13  | Pass    |
|                                    | 1882.5          | 100           | 0      | 5.16                    | <=13  | Pass    |
|                                    | 1905            | 100           | 0      | 5.45                    | <=13  | Pass    |
| 16QAM                              | 1860            | 100           | 0      | 6.22                    | <=13  | Pass    |
|                                    | 1882.5          | 100           | 0      | 5.98                    | <=13  | Pass    |
|                                    | 1905            | 100           | 0      | 6.34                    | <=13  | Pass    |

## 5.2 Test Graph

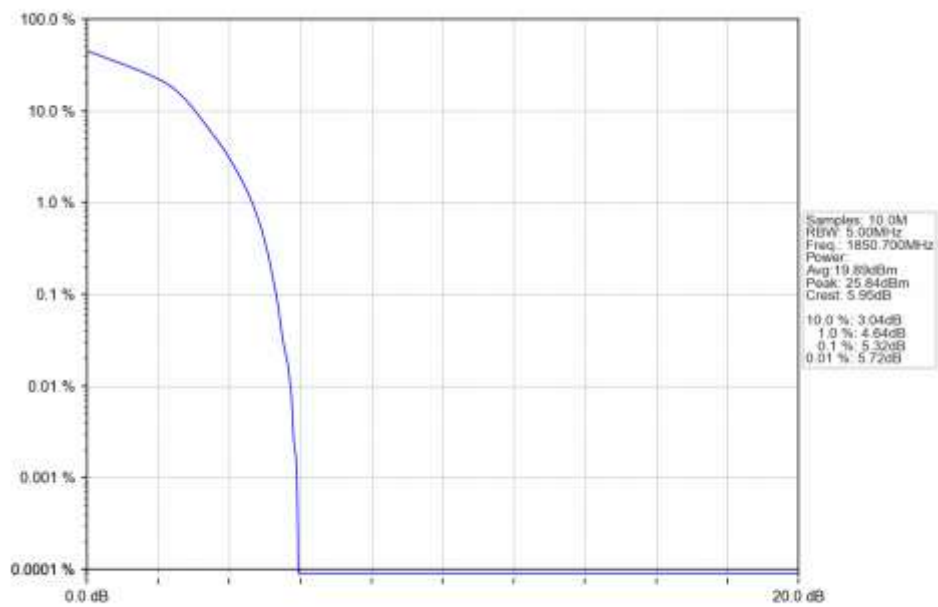
### 5.2.1 B25\_1.4MHz



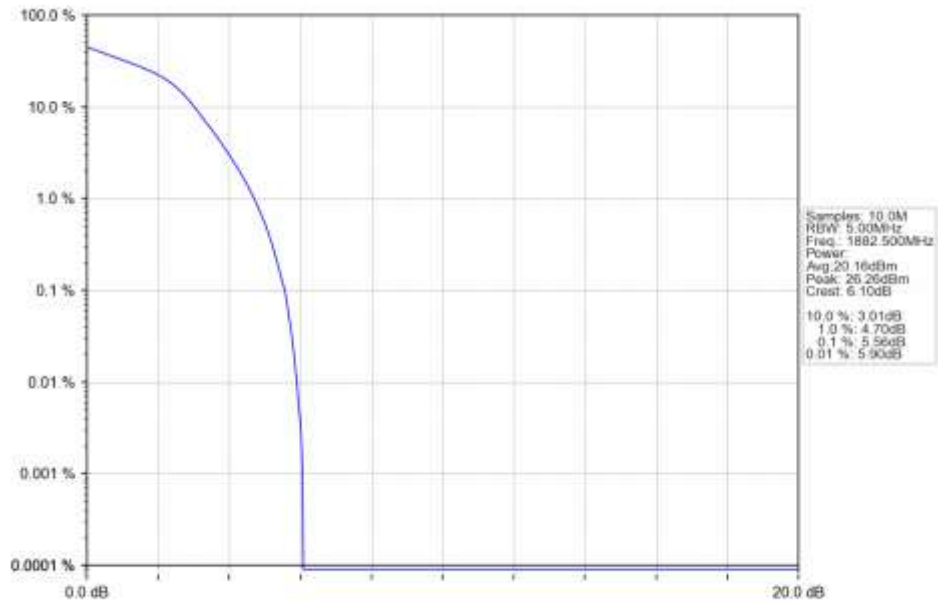
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6.0 NTNV



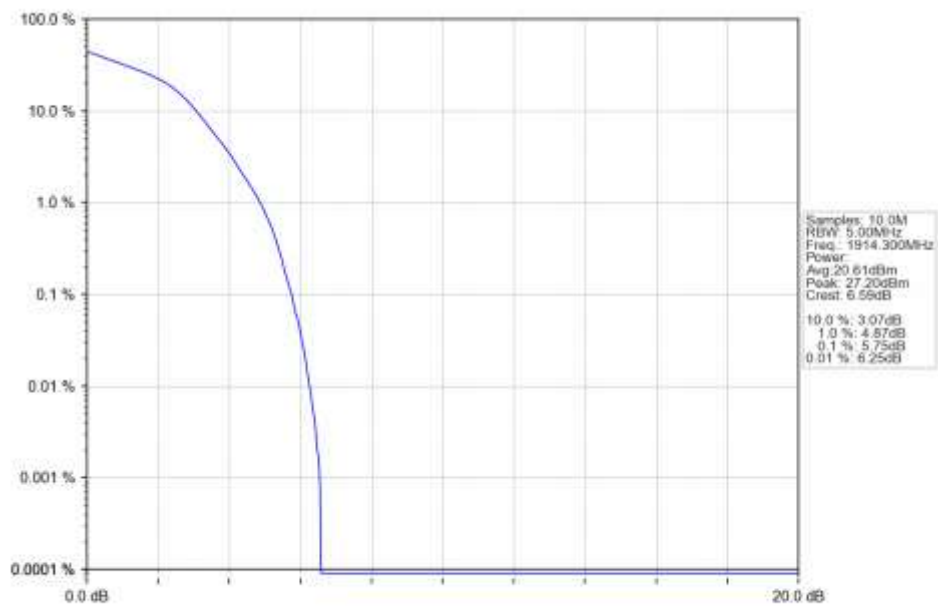
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6.0 NTNV



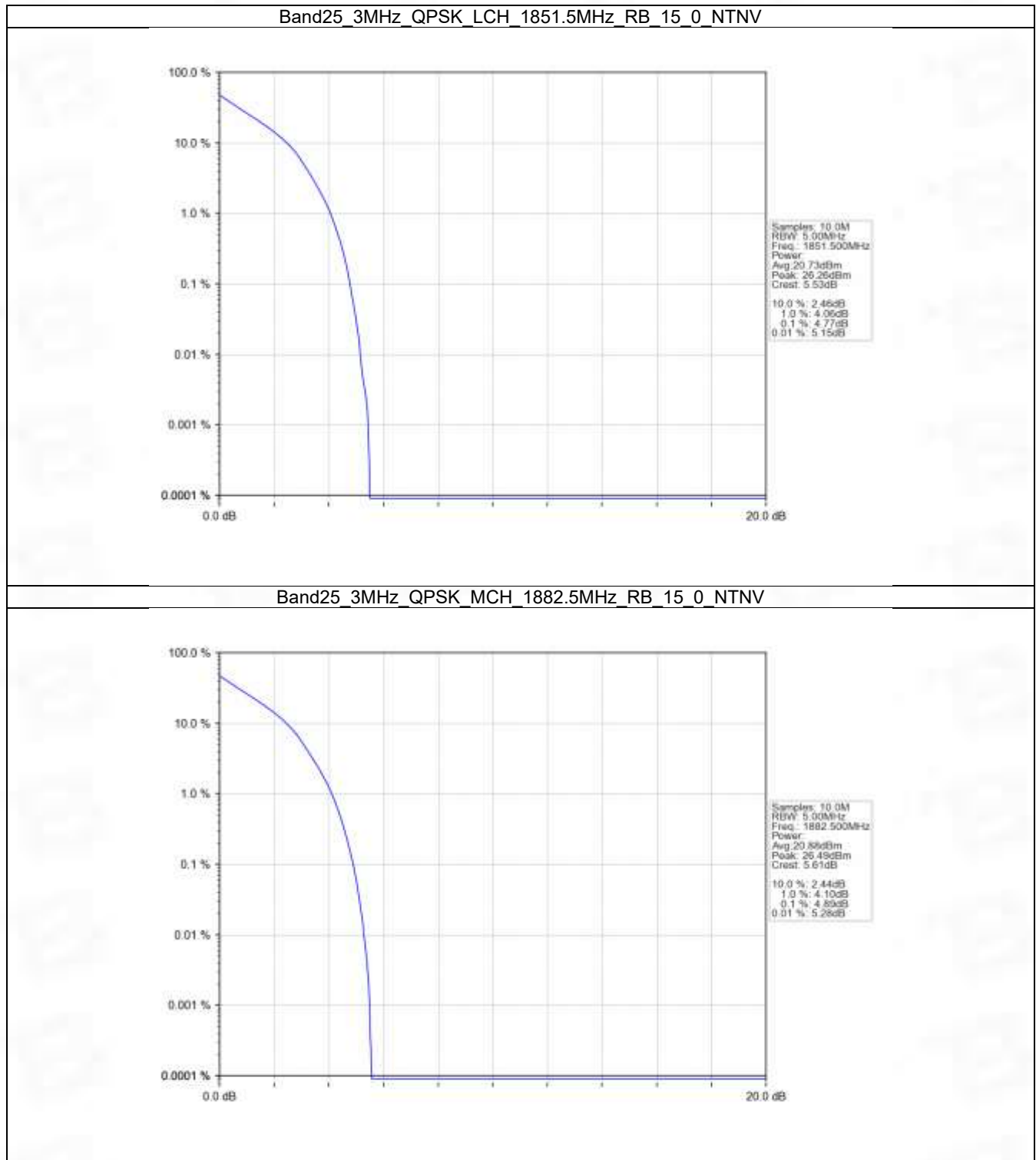
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTNV



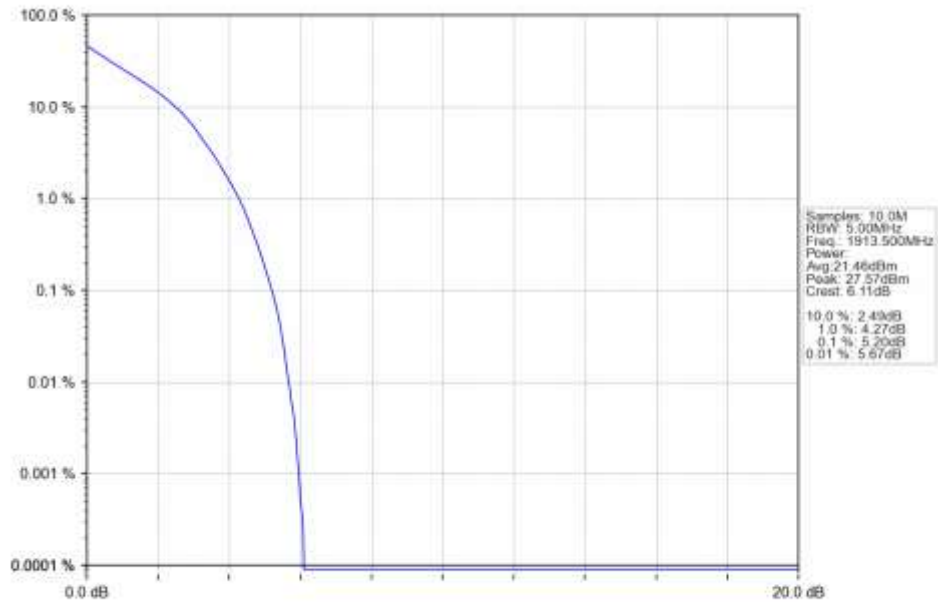
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTNV



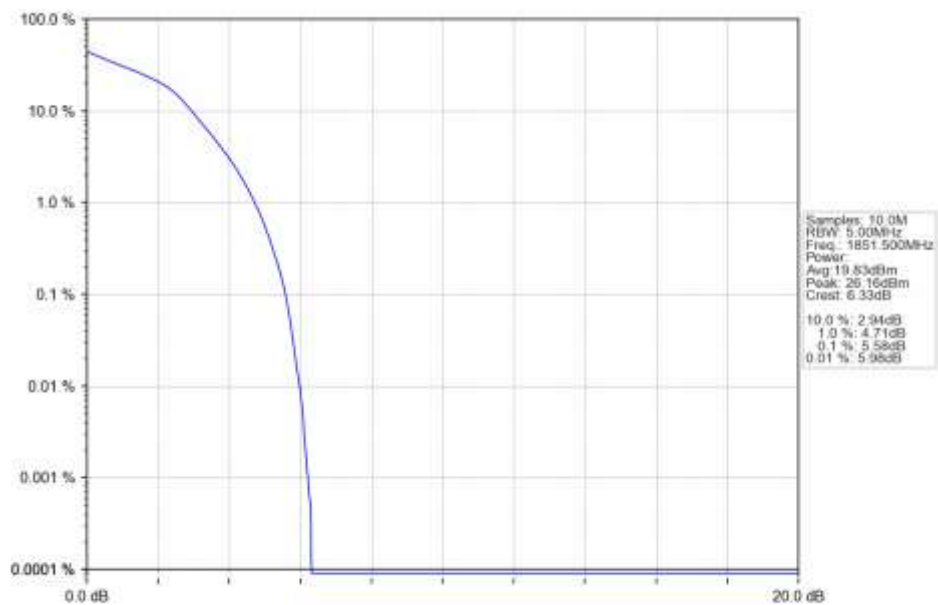
### 5.2.2 B25\_3MHz



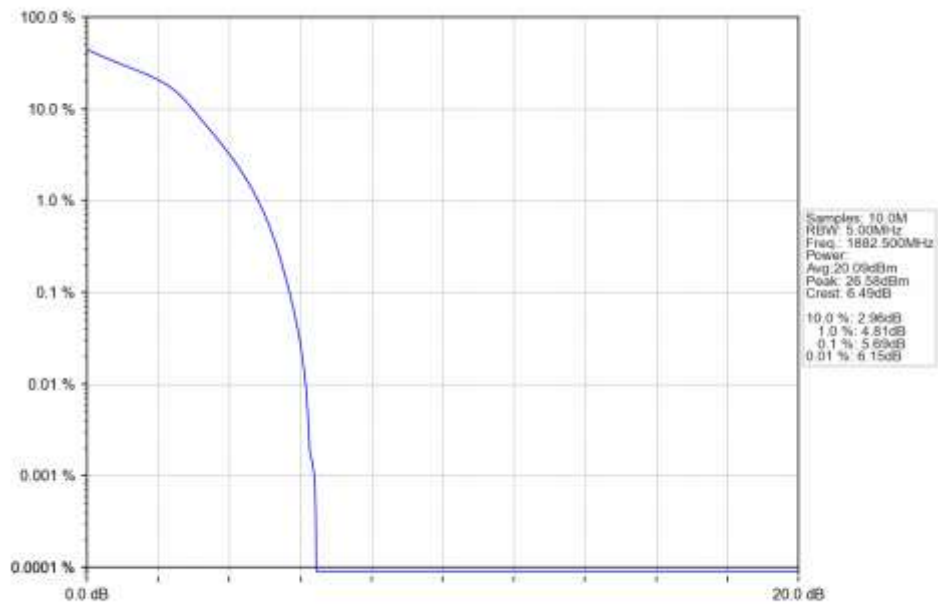
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



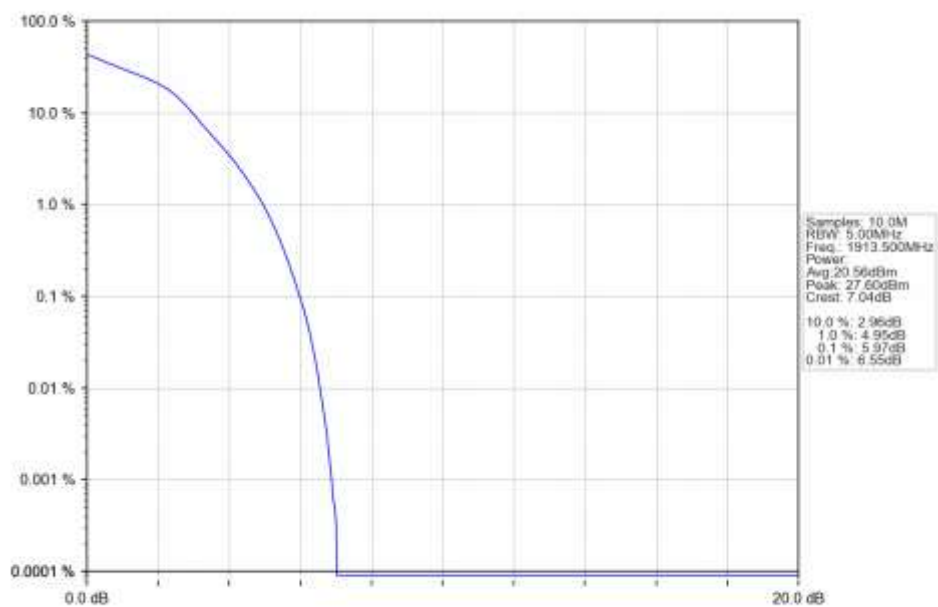
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



Band25 3MHz 16QAM MCH 1882.5MHz RB 15.0 NTNV

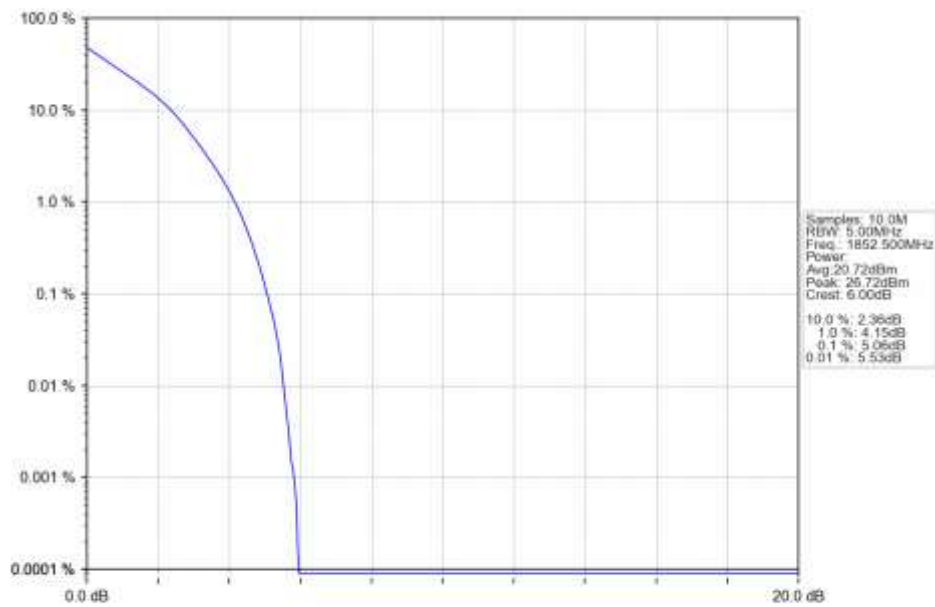


Band25 3MHz 16QAM HCH 1913.5MHz RB 15.0 NTNV

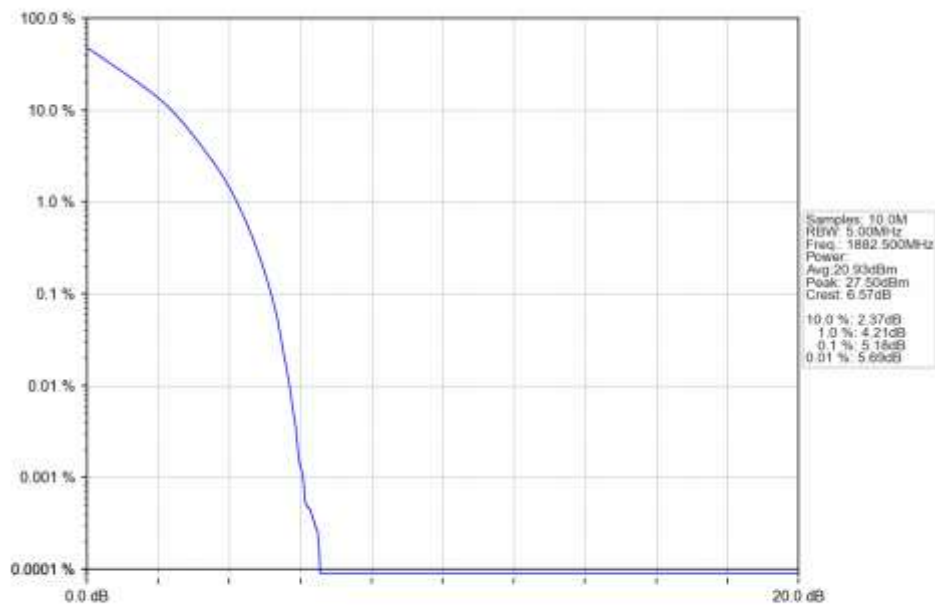


### 5.2.3 B25\_5MHz

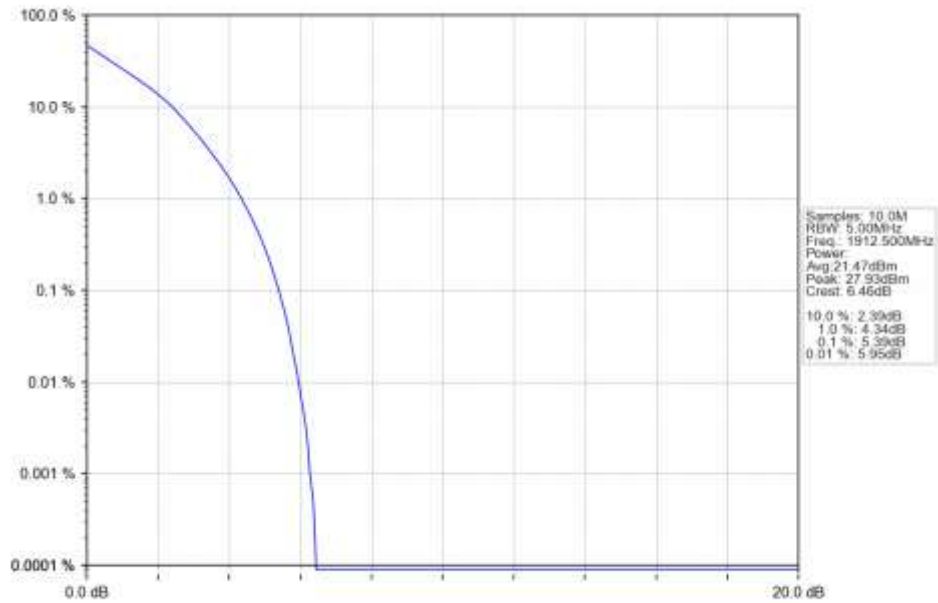
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



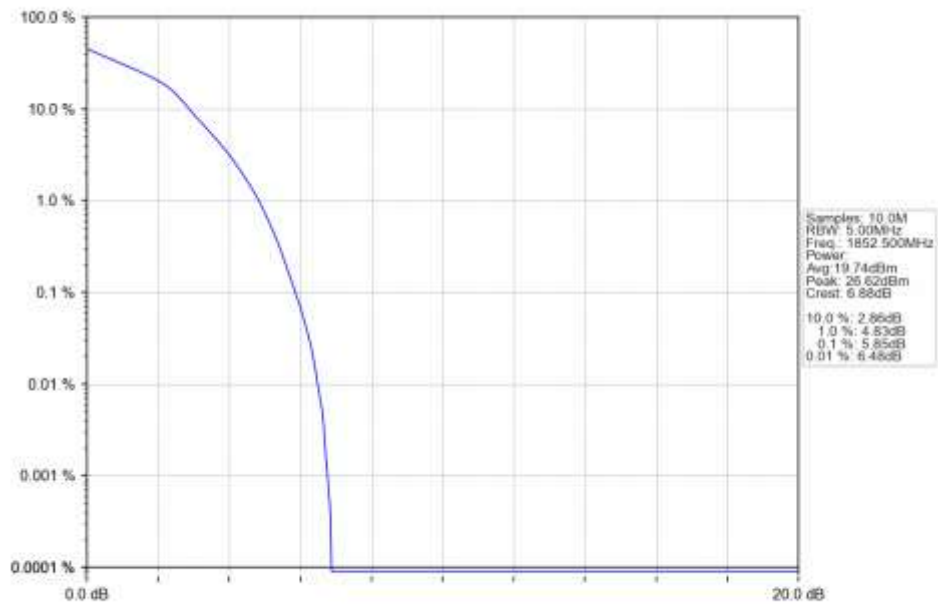
Band25\_5MHz\_QPSK\_MCH\_1882.5MHz\_RB\_25\_0\_NTNV



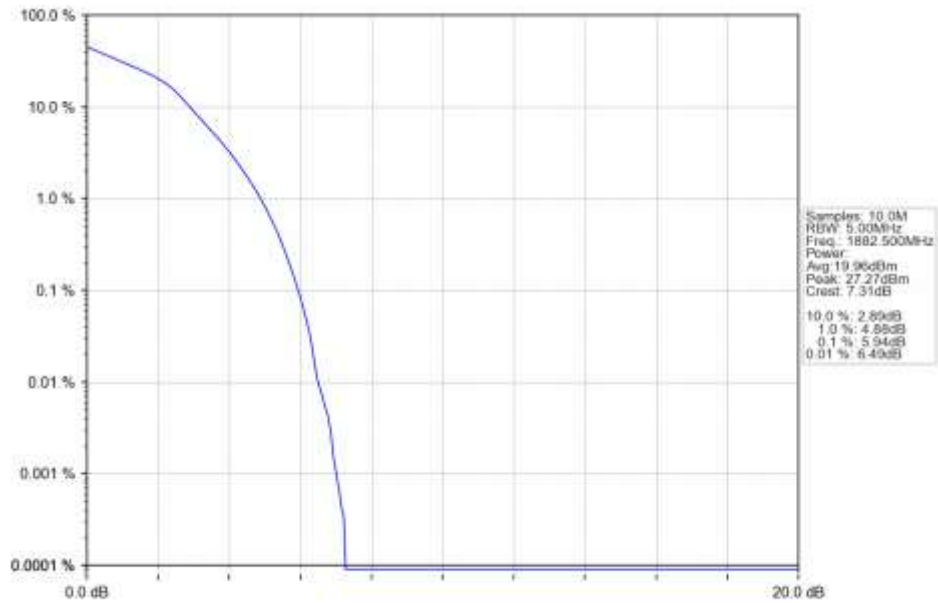
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



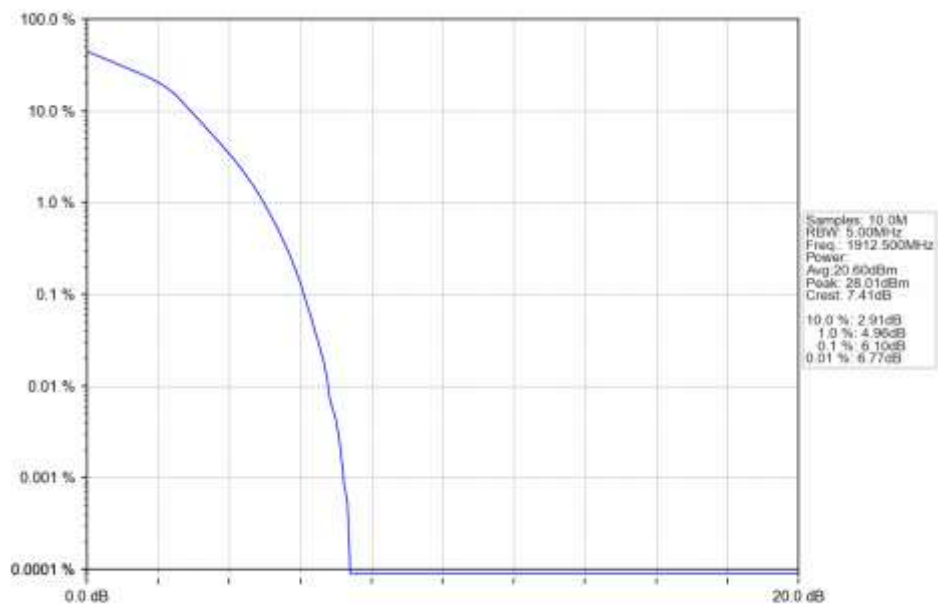
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



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

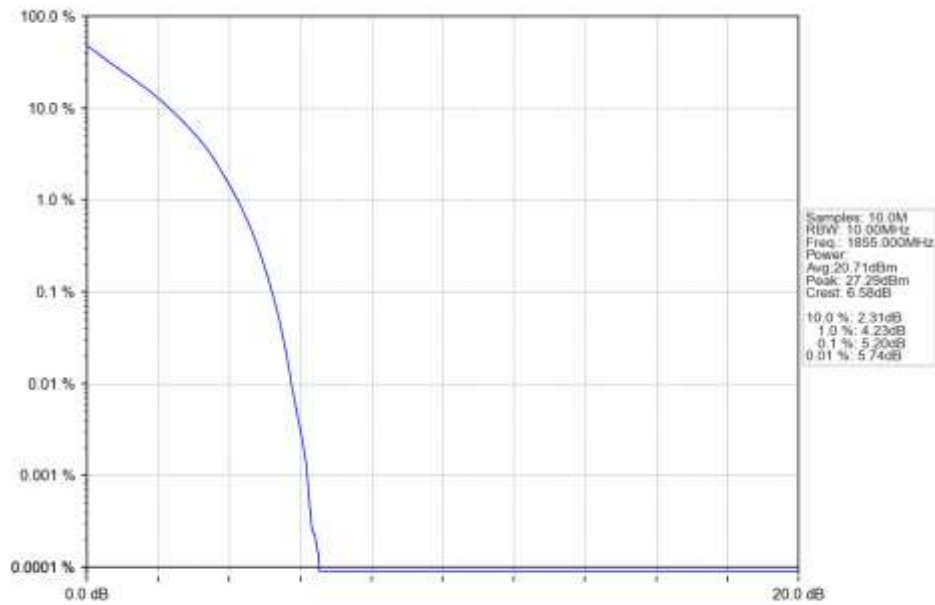


Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTV

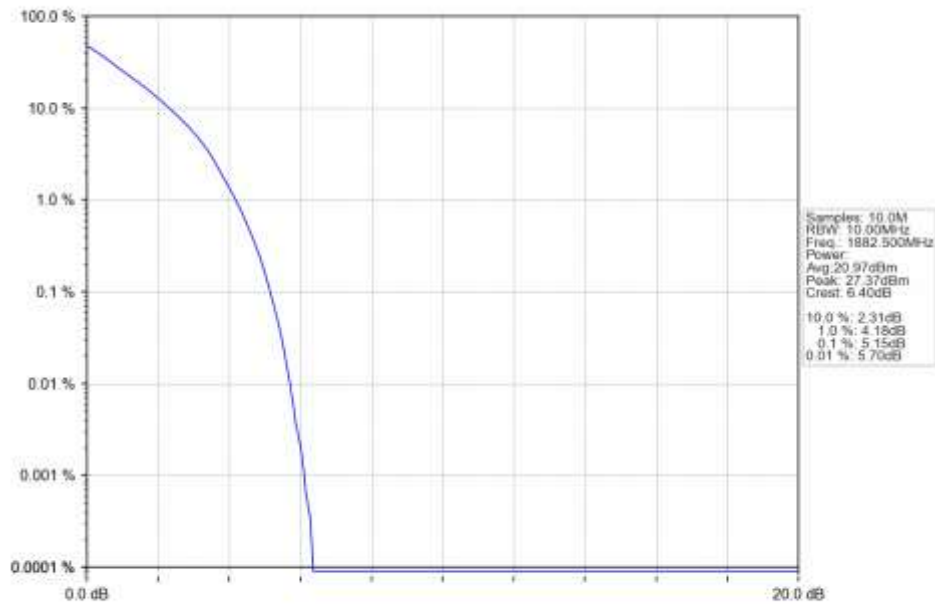


### 5.2.4 B25\_10MHz

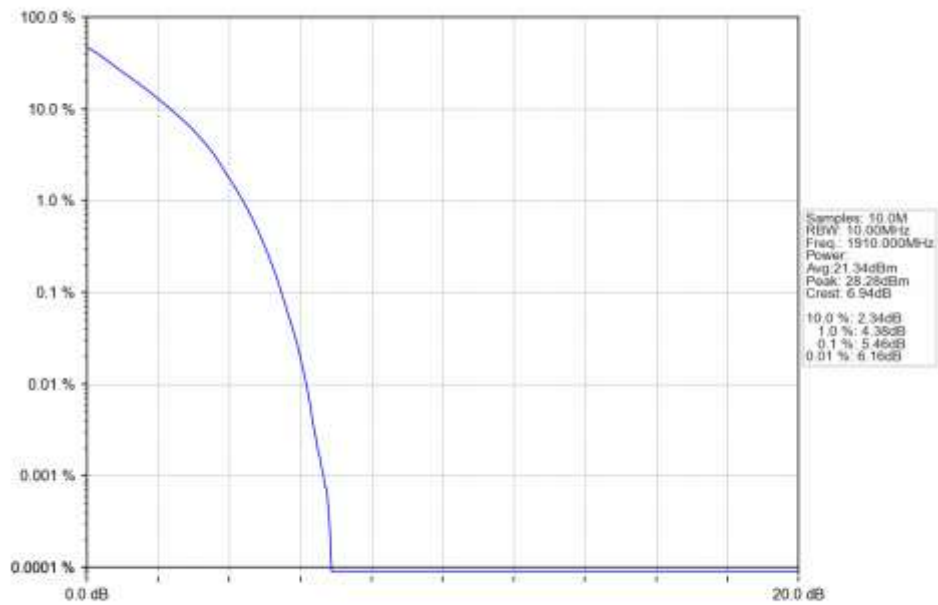
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



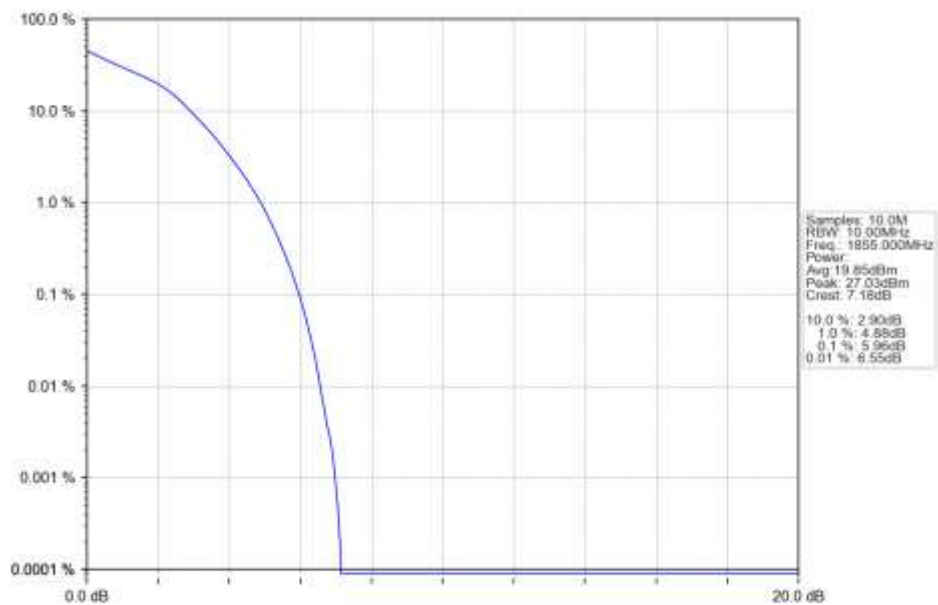
Band25\_10MHz\_QPSK\_MCH\_1882.5MHz\_RB\_50\_0\_NTNV



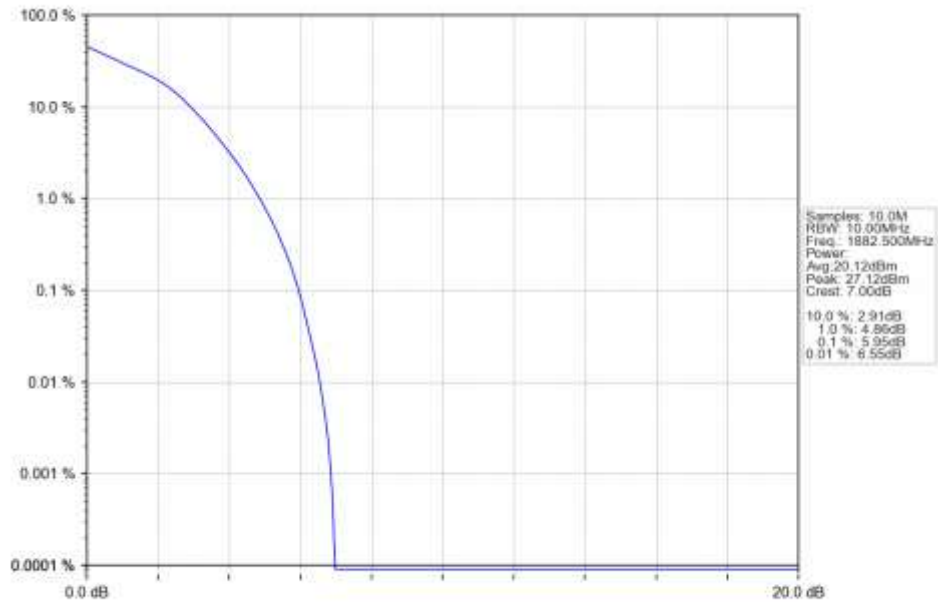
Band25 10MHz QPSK HCH 1910MHz RB 50 0 NTNV



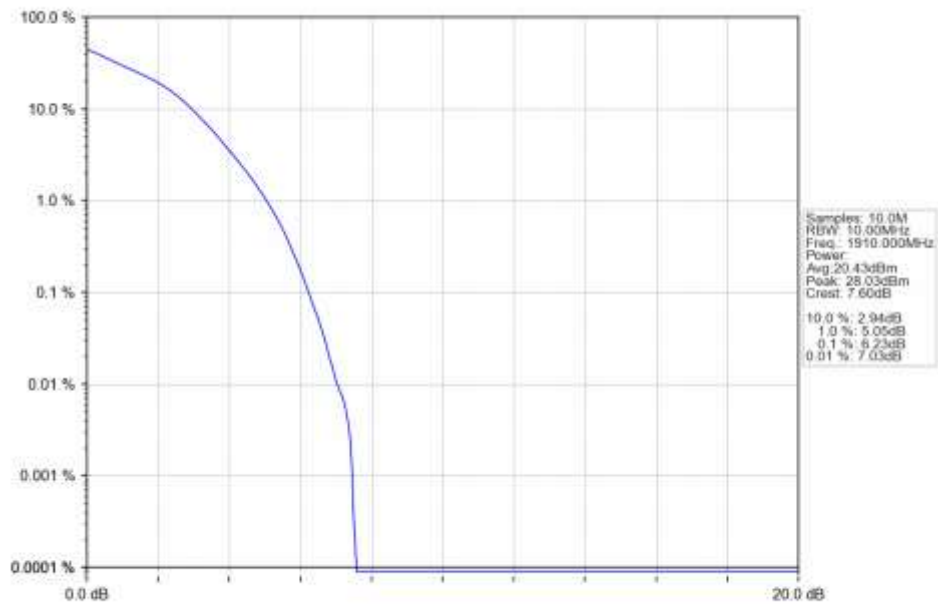
Band25 10MHz 16QAM LCH 1855MHz RB 50 0 NTNV



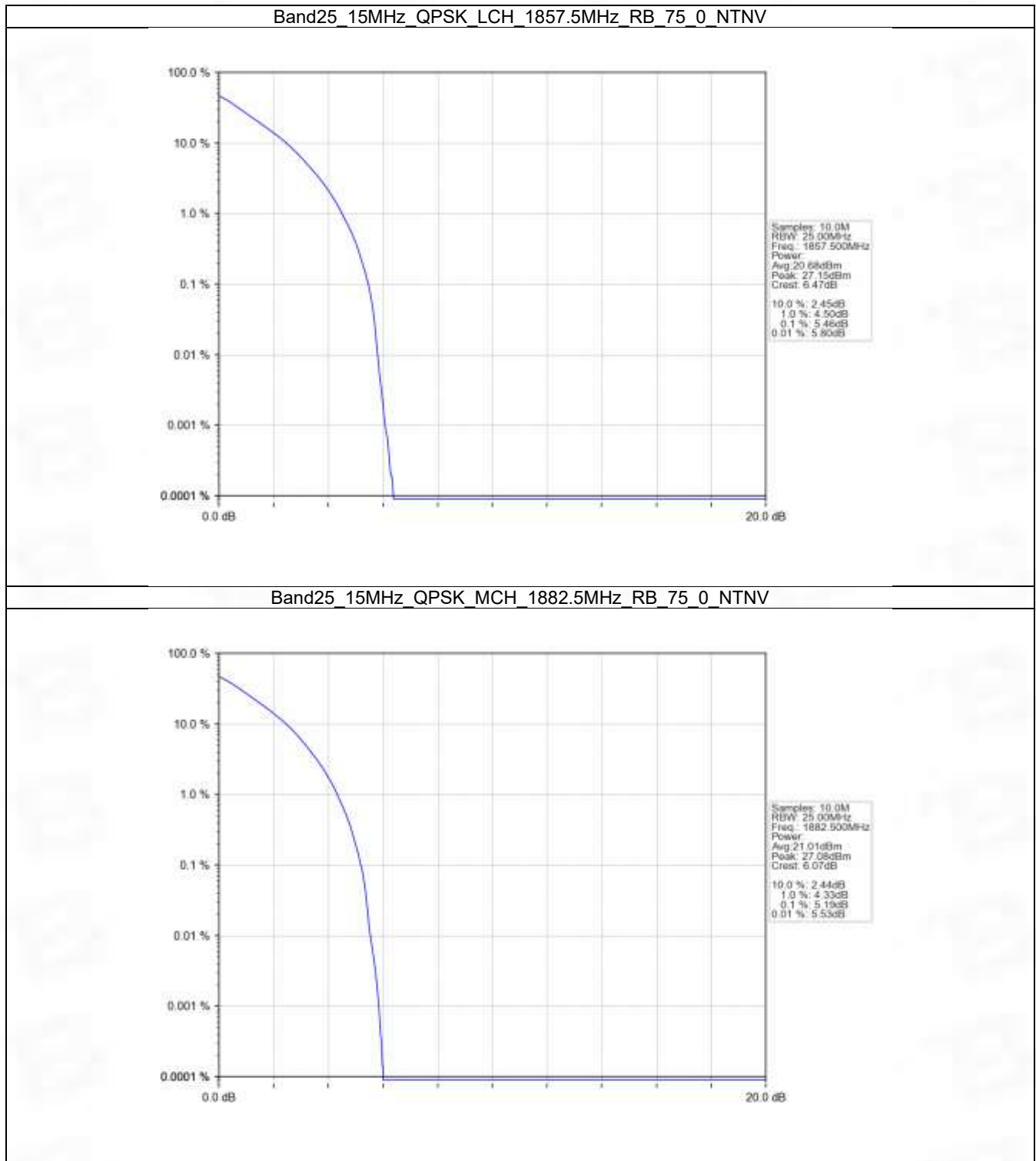
Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTV



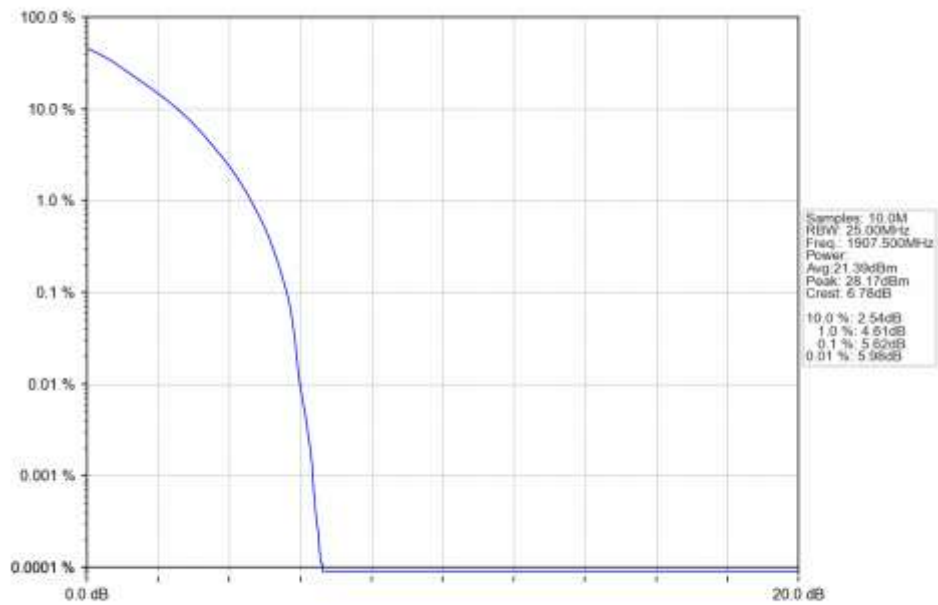
Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTV



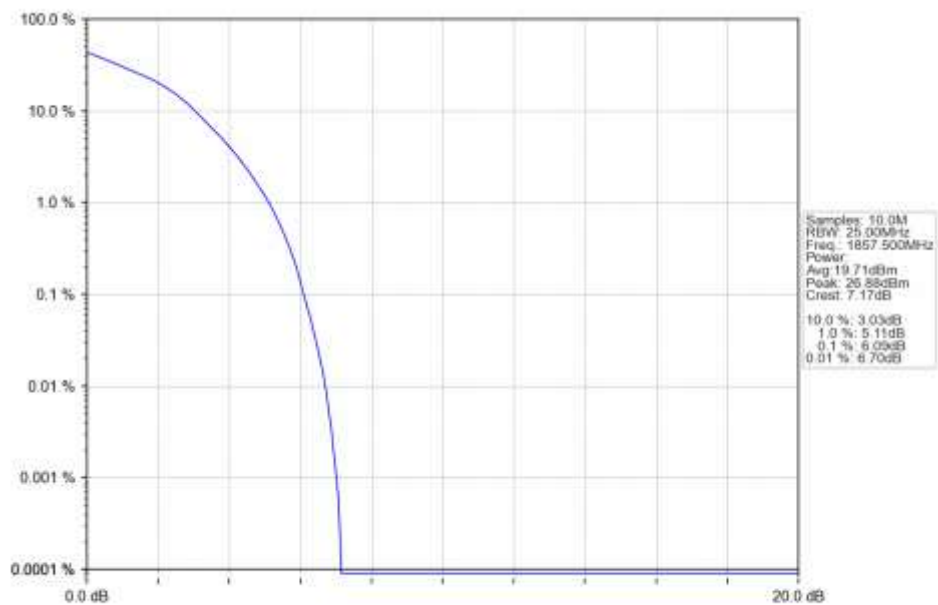
### 5.2.5 B25\_15MHz



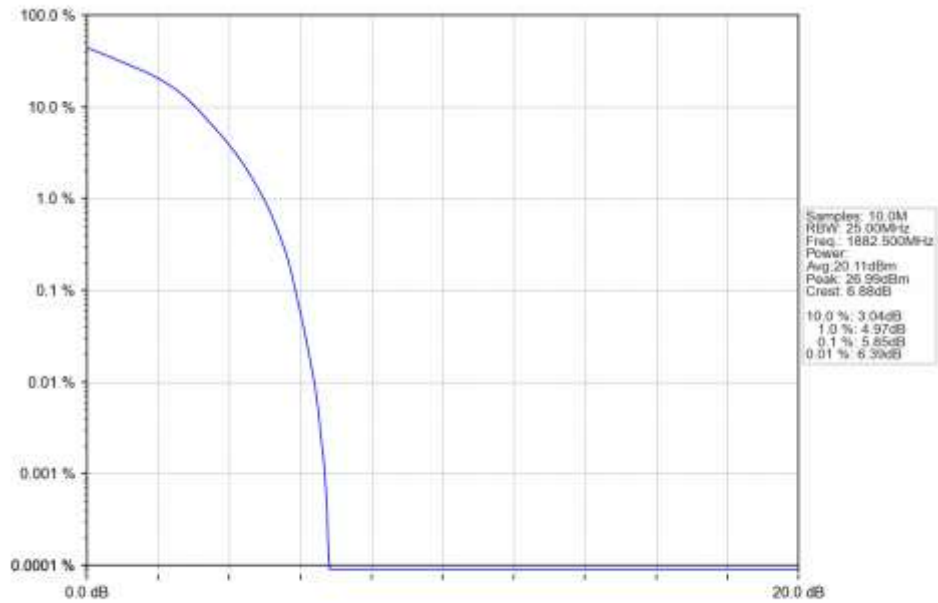
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV



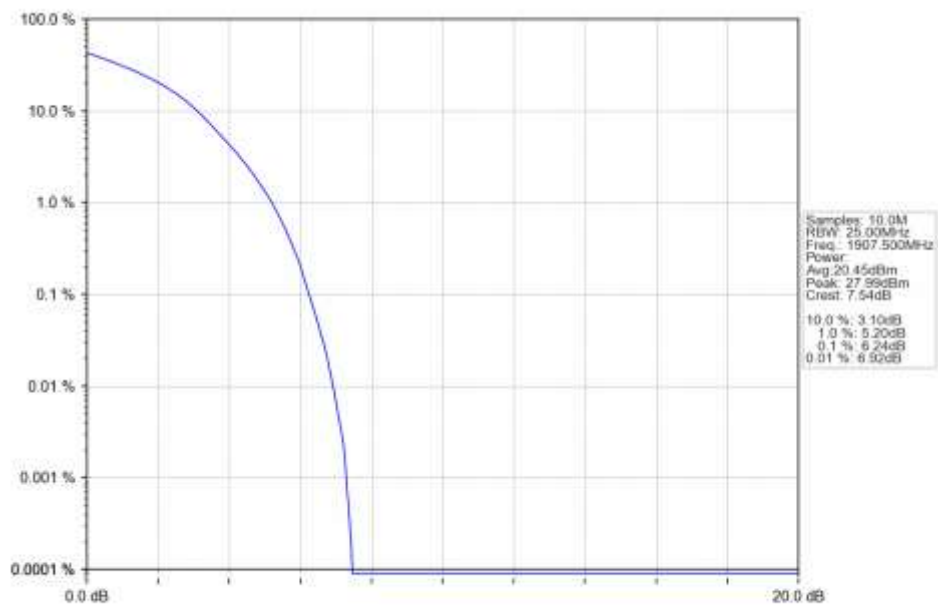
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



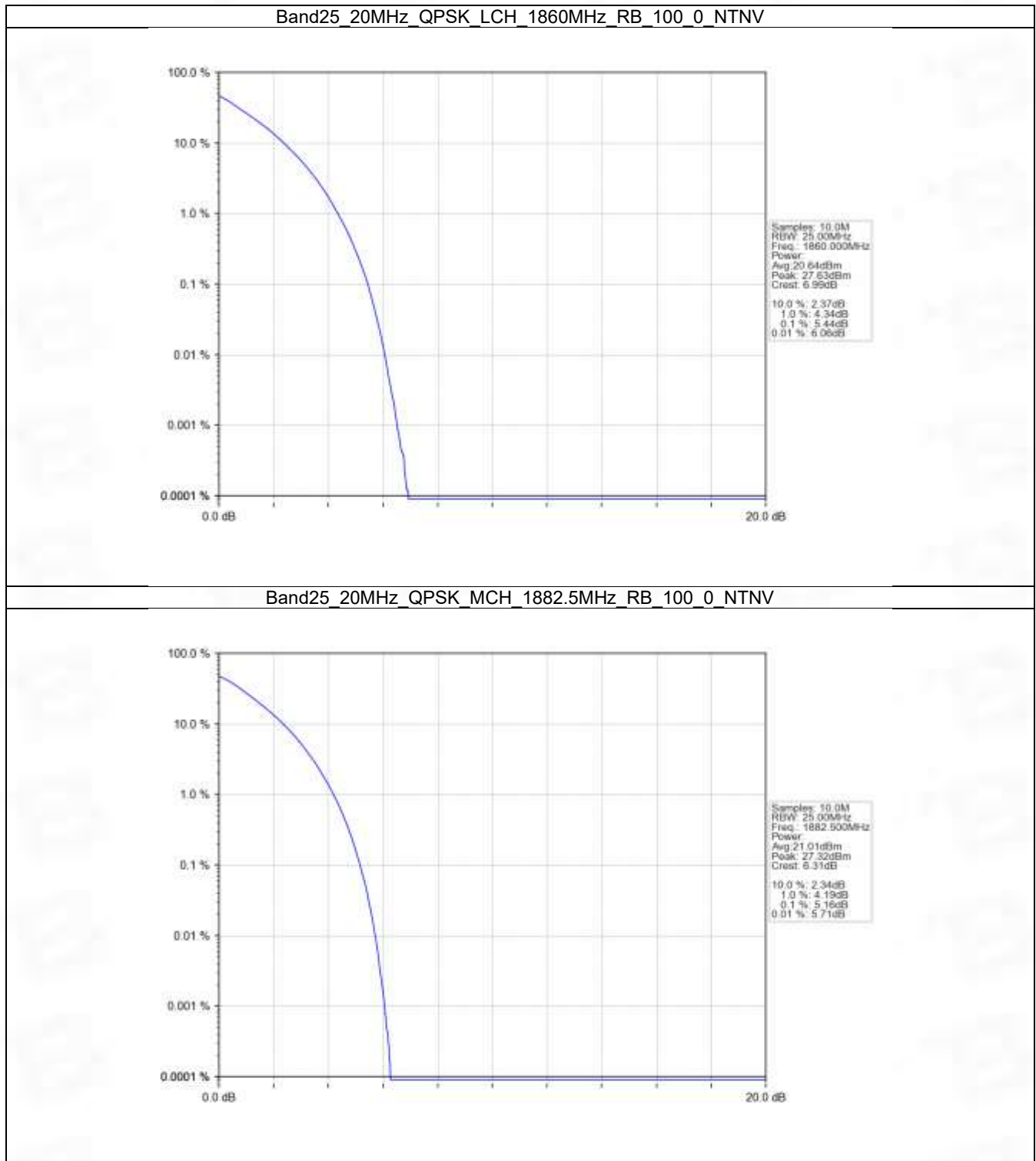
Band25 15MHz 16QAM MCH 1882.5MHz RB 75 0 NTV



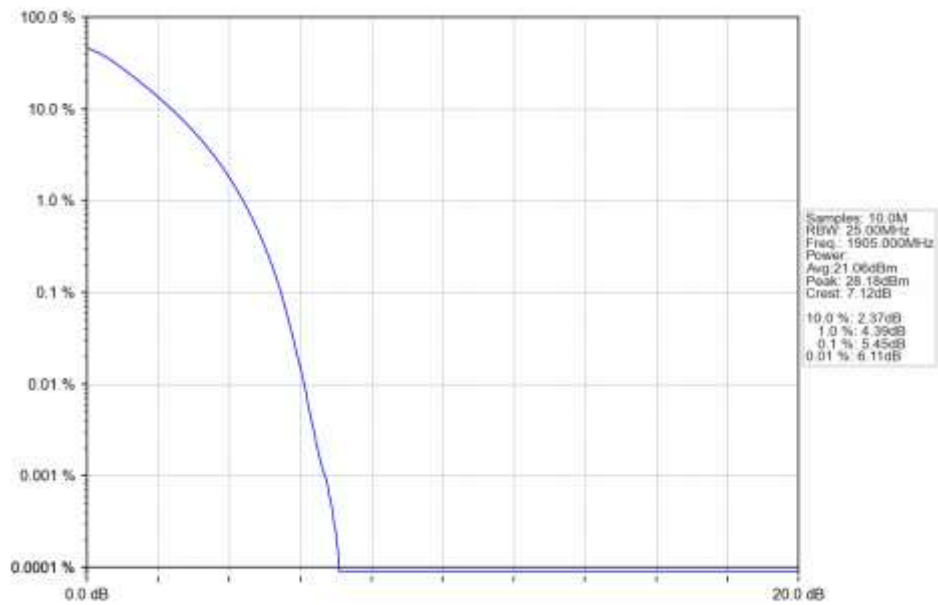
Band25 15MHz 16QAM HCH 1907.5MHz RB 75 0 NTV



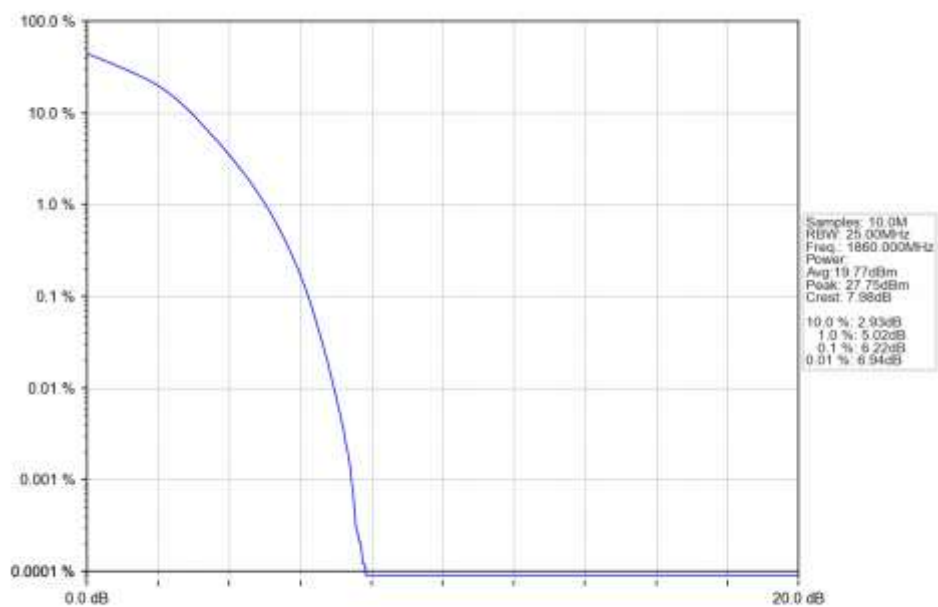
### 5.2.6 B25\_20MHz



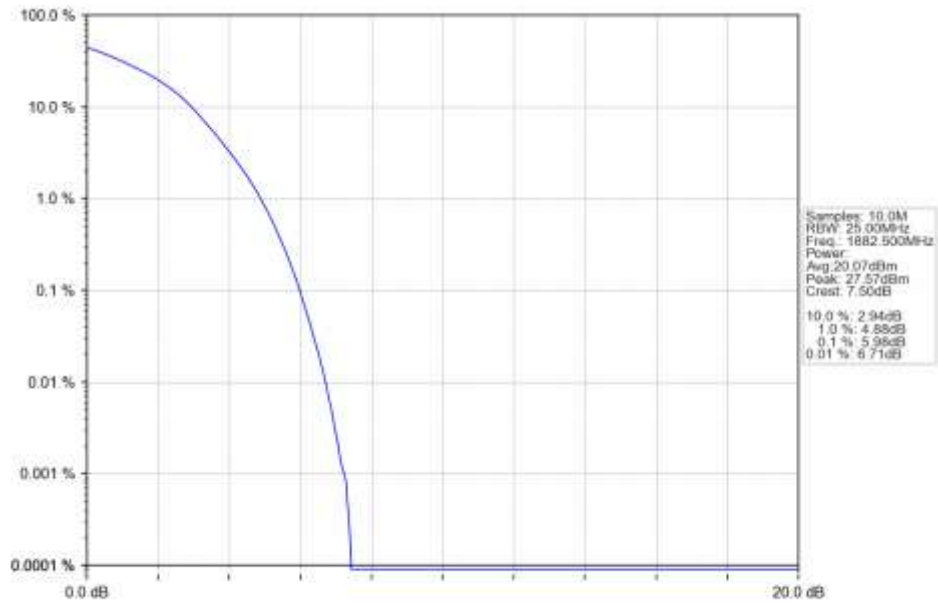
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTNV



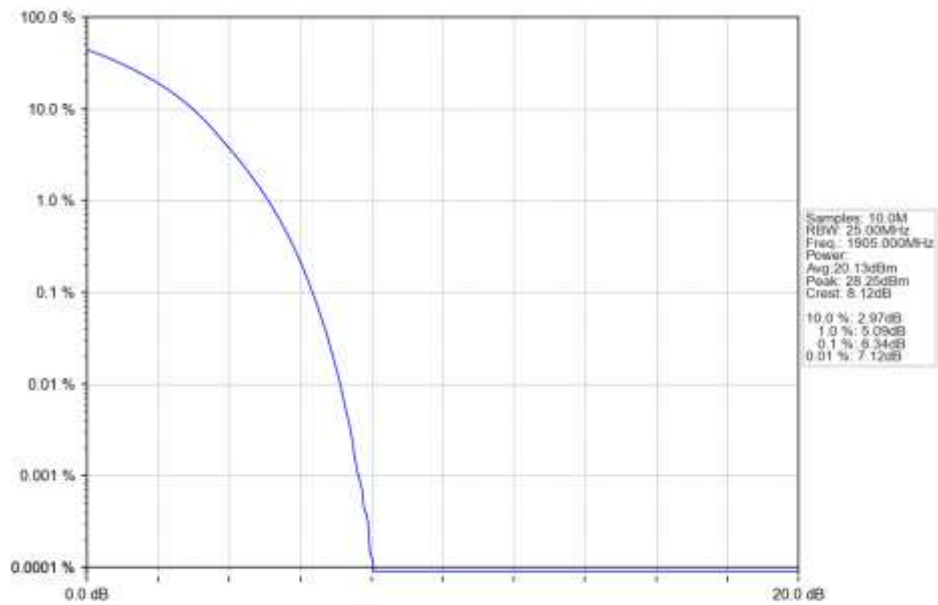
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



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



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



## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 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    |
|                                     |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                               | 1850.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                     | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.2 B25\_3MHz

| Band: 25 / Bandwidth: 3MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 1851.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 1851.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.3 B25\_5MHz

| Band: 25 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 1852.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 1852.5          | 1             | 0      | Refer To Test Graph |       | Pass    |

|  |        |    |    |                     |      |
|--|--------|----|----|---------------------|------|
|  |        | 25 | 0  | Refer To Test Graph | Pass |
|  | 1882.5 | 1  | 0  | Refer To Test Graph | Pass |
|  | 1912.5 | 1  | 0  | Refer To Test Graph | Pass |
|  |        |    | 24 | Refer To Test Graph | Pass |
|  |        | 25 | 0  | Refer To Test Graph | Pass |

#### 6.1.4 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    |
| 16QAM                              | 1855            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1910            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.5 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    |
| 16QAM                              | 1857.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1882.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1907.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

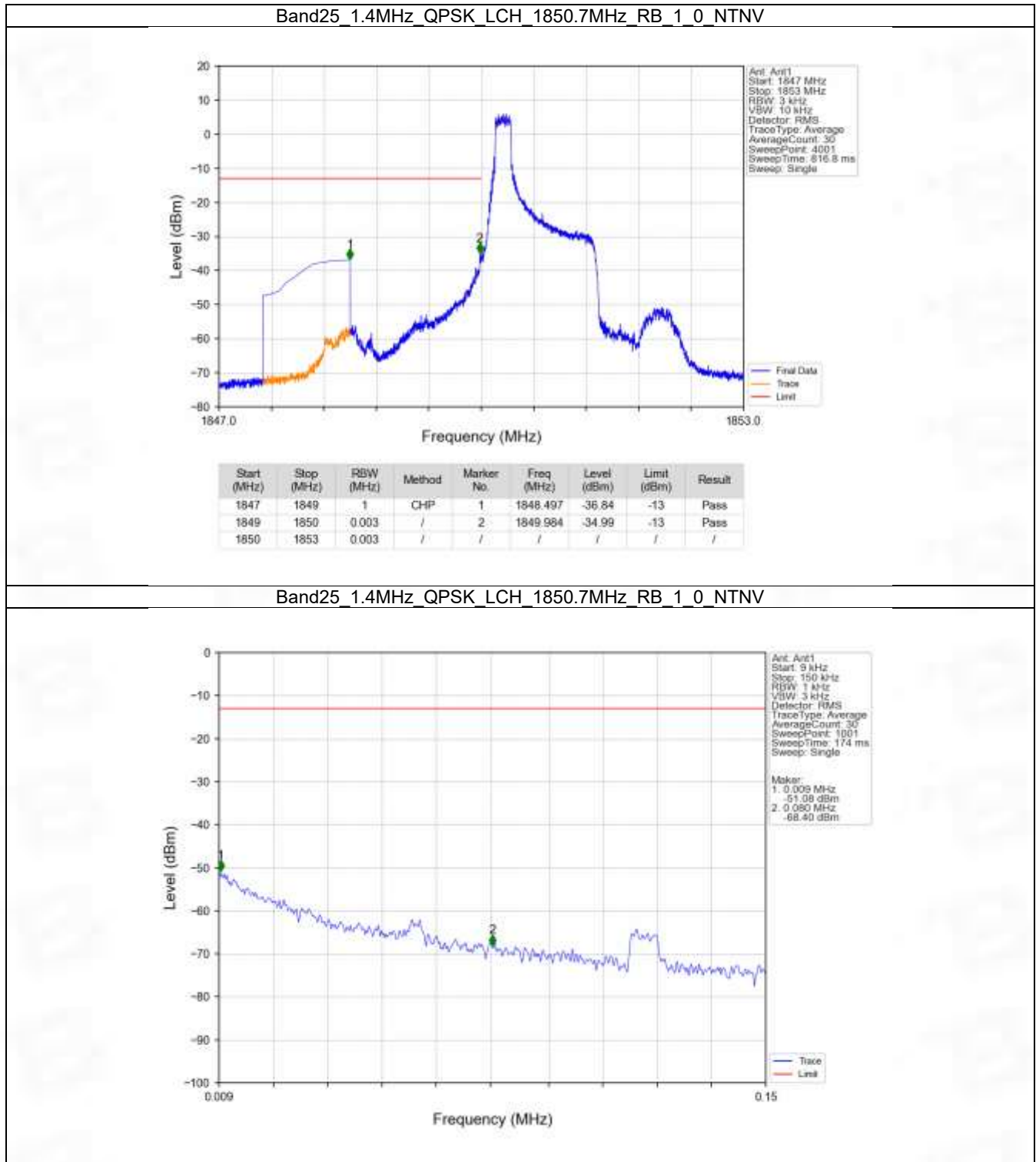
#### 6.1.6 B25\_20MHz

| 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    |
| 16QAM                              | 1860            | 1             | 0      | Refer To Test Graph |       | Pass    |

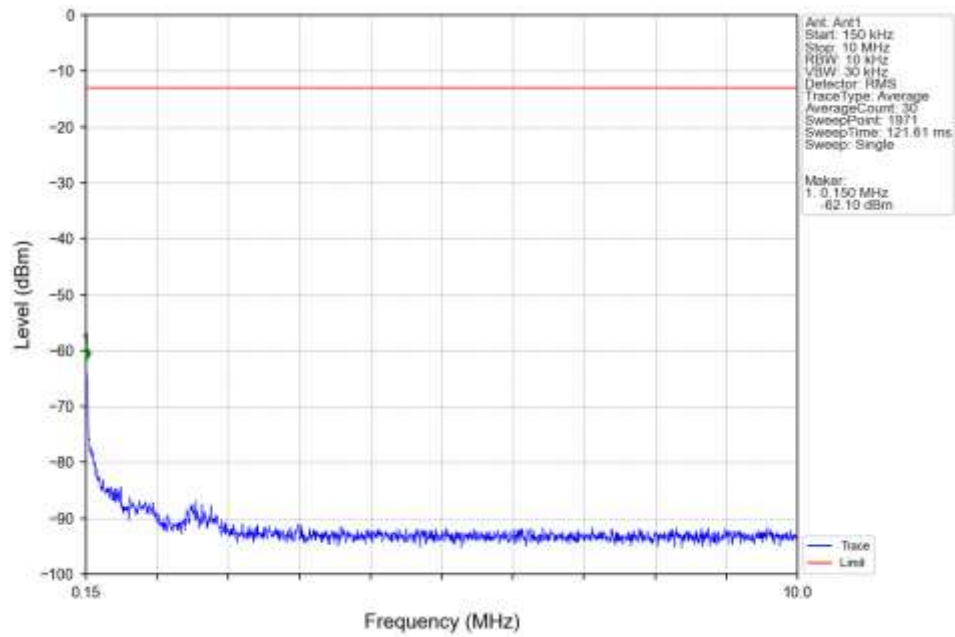
|  |        |     |    |                     |      |
|--|--------|-----|----|---------------------|------|
|  |        | 100 | 0  | Refer To Test Graph | Pass |
|  | 1882.5 | 1   | 0  | Refer To Test Graph | Pass |
|  | 1905   | 1   | 0  | Refer To Test Graph | Pass |
|  |        |     | 99 | Refer To Test Graph | Pass |
|  |        | 100 | 0  | Refer To Test Graph | Pass |

## 6.2 Test Graph

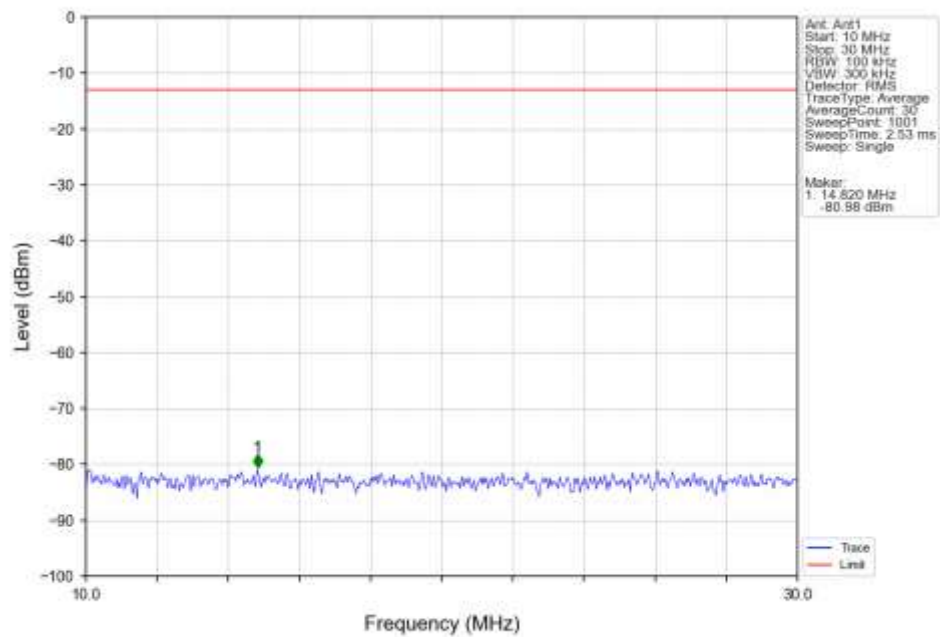
### 6.2.1 B25\_1.4MHz



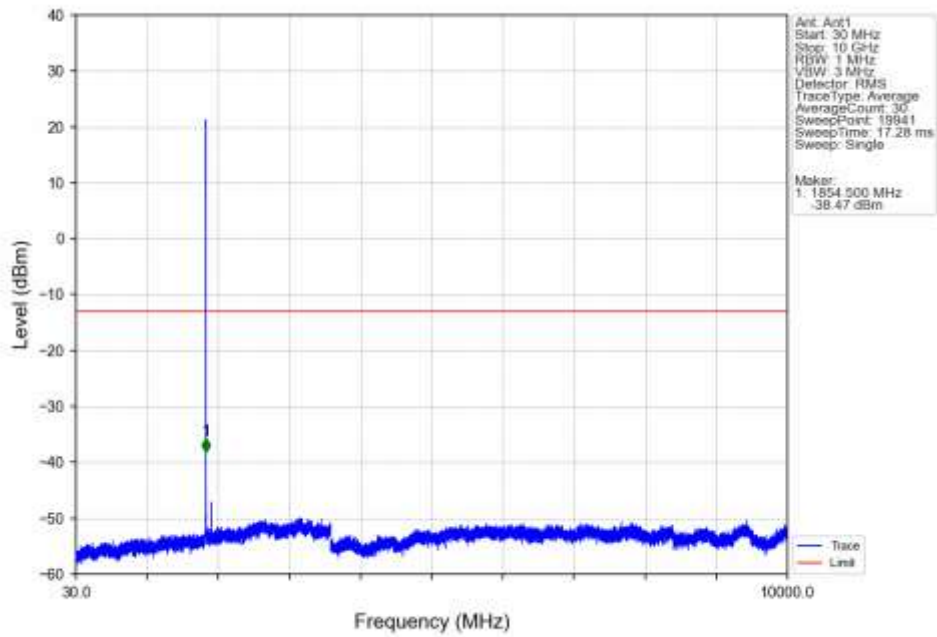
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



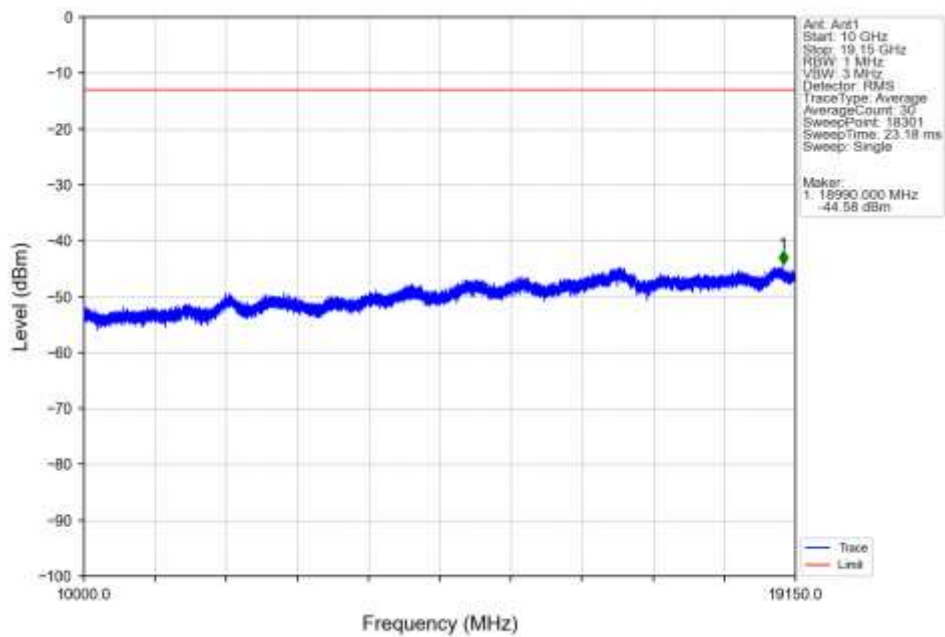
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



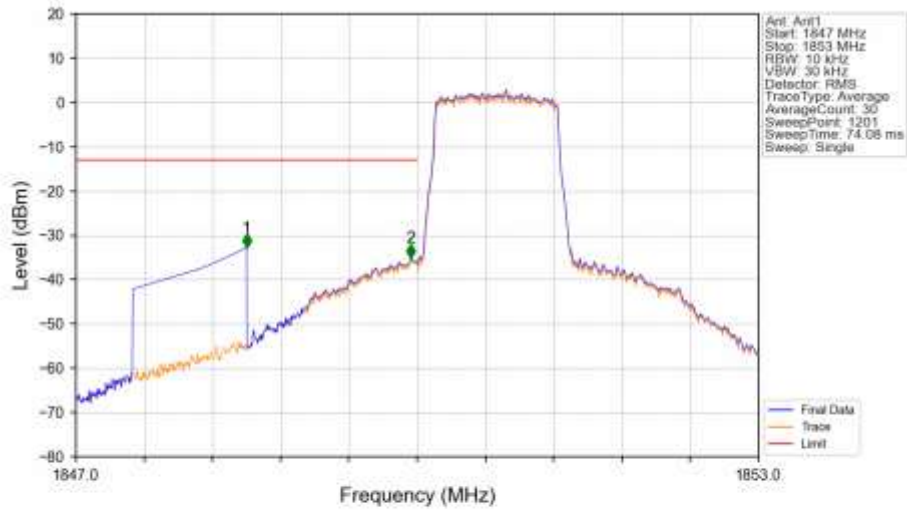
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTNV



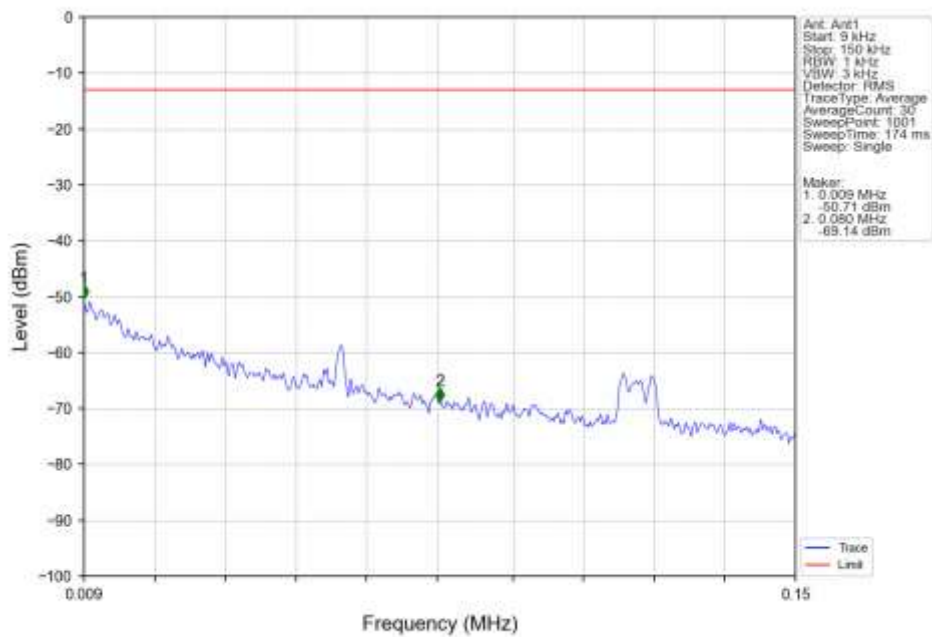
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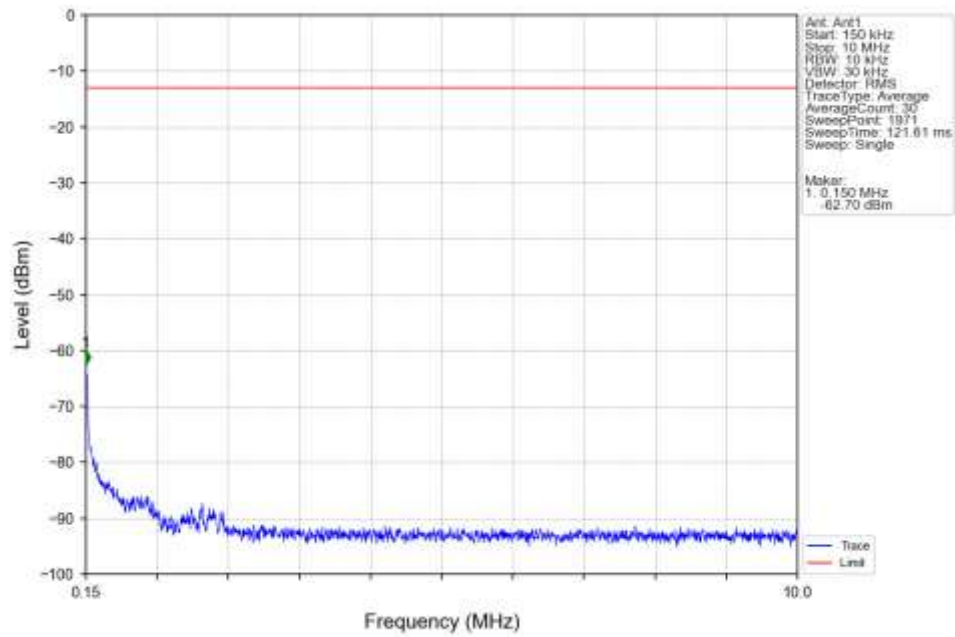
Band25 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV



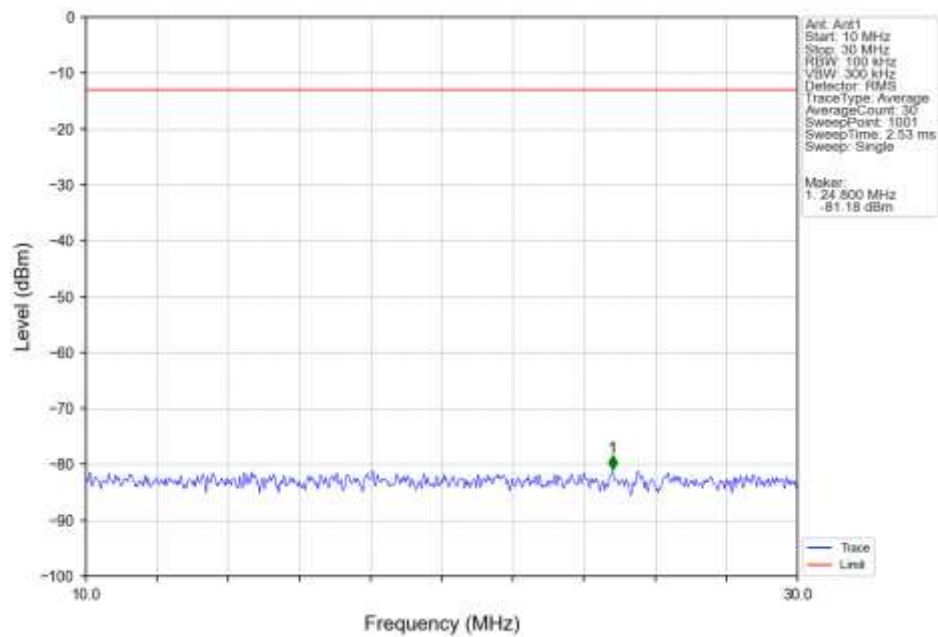
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTV



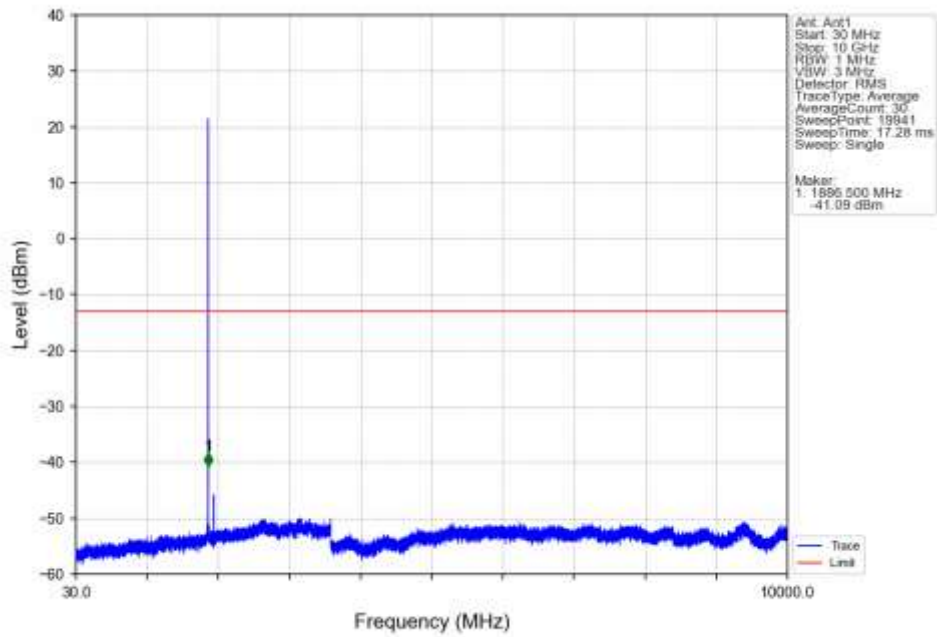
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



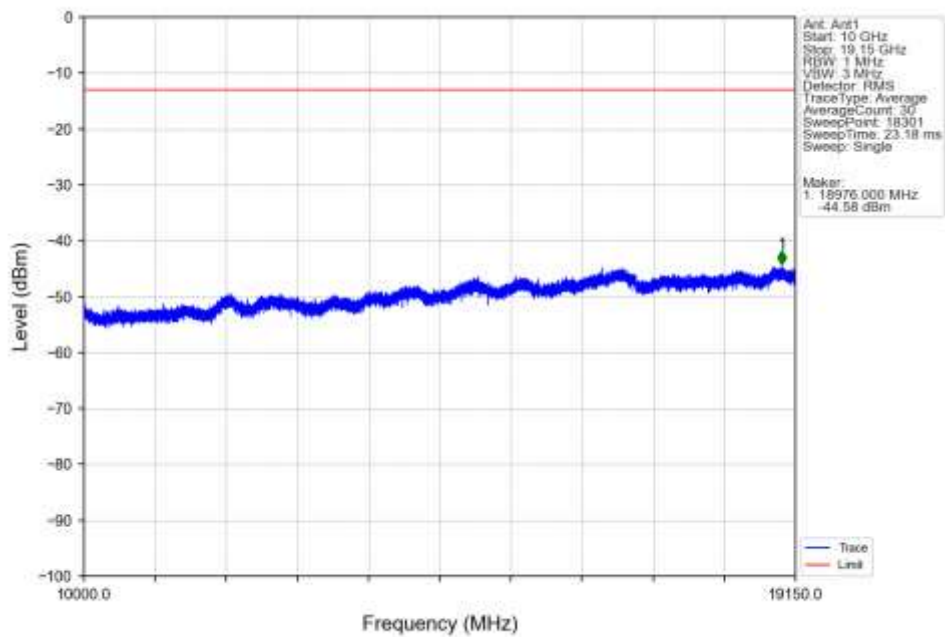
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



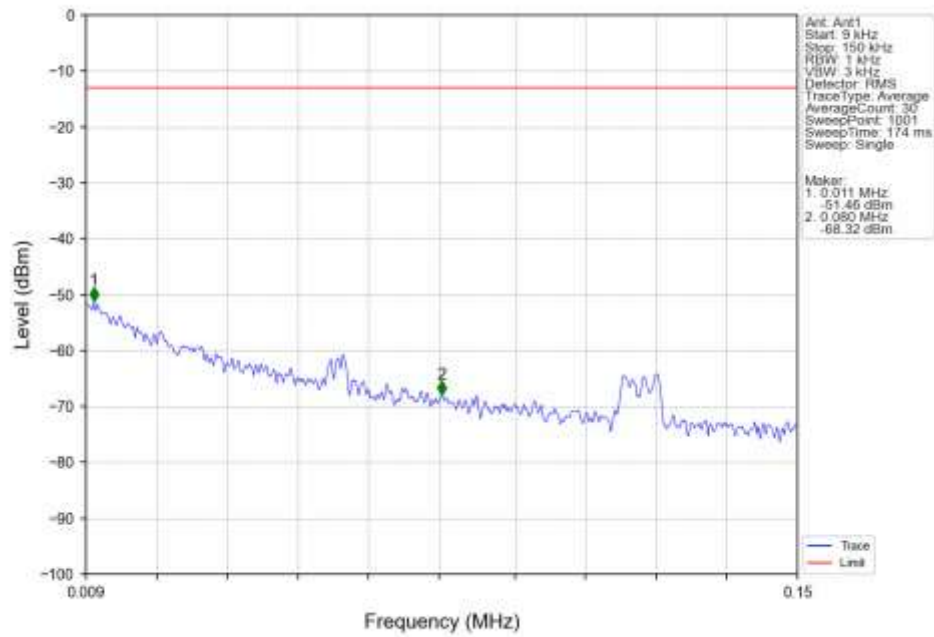
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



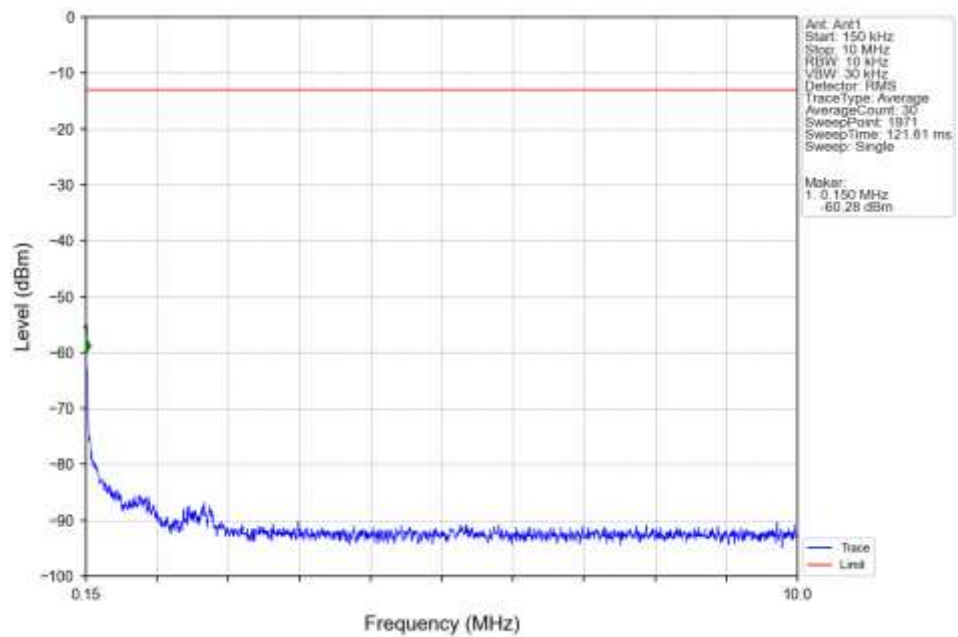
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



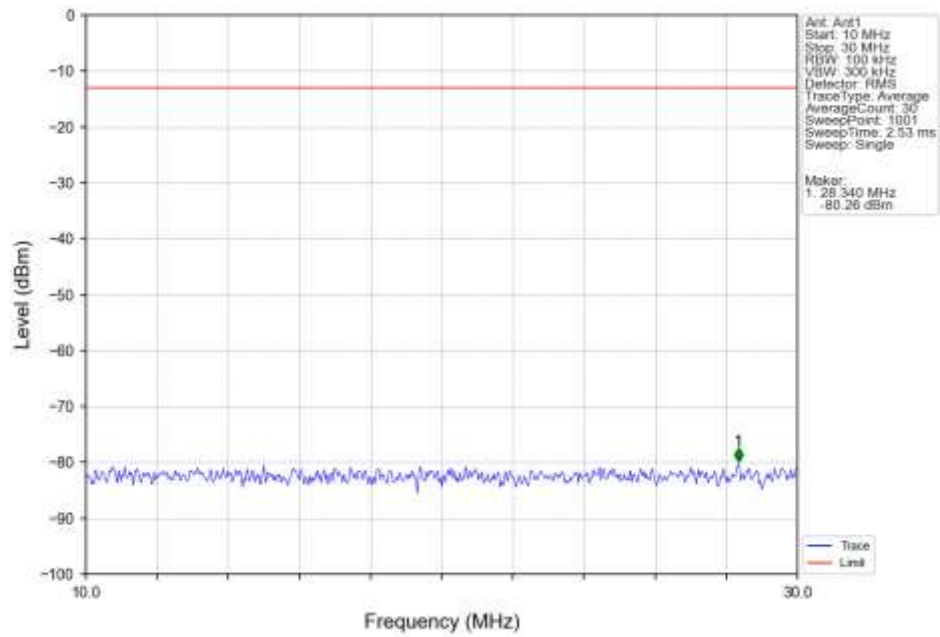
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



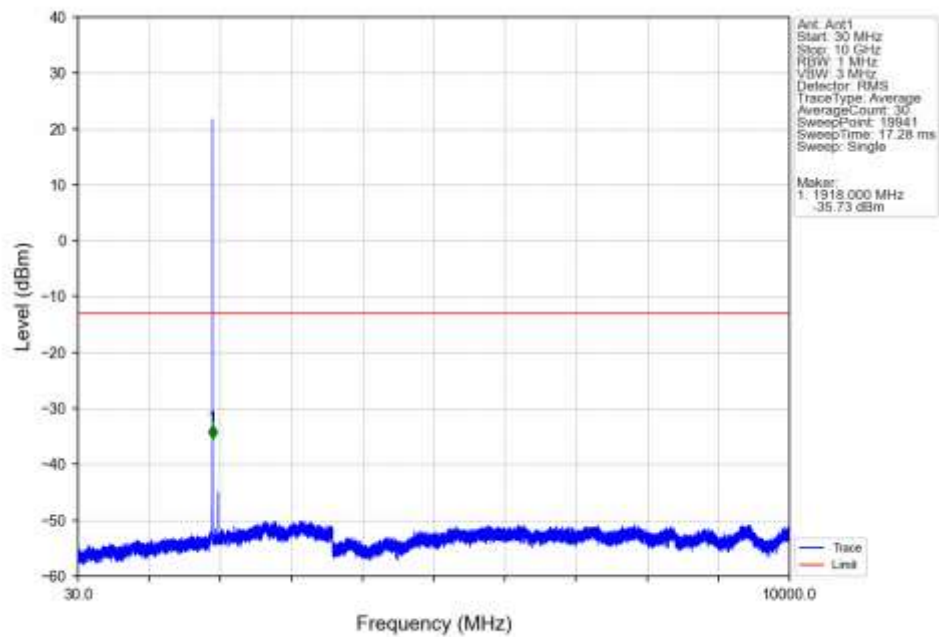
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



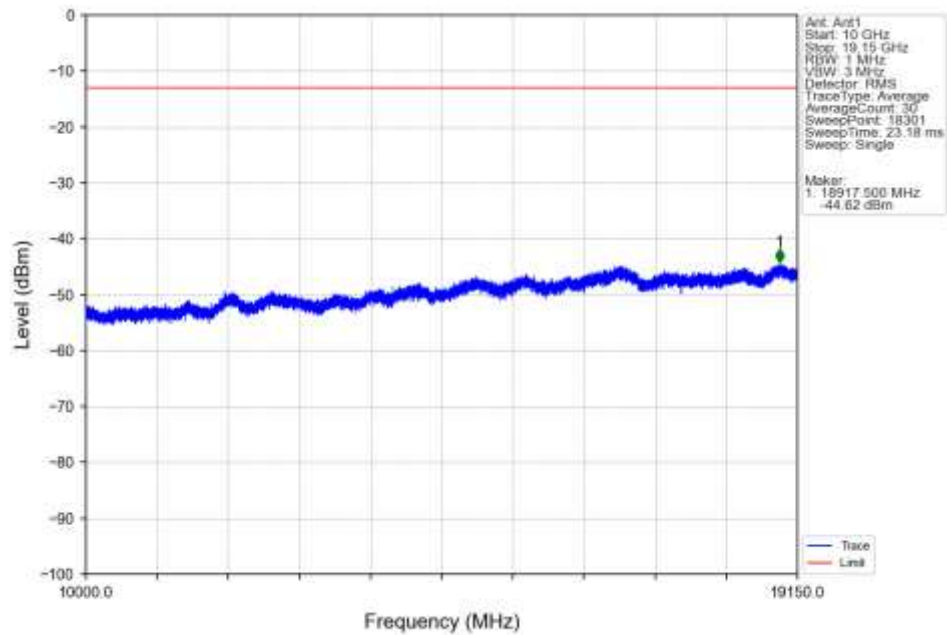
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



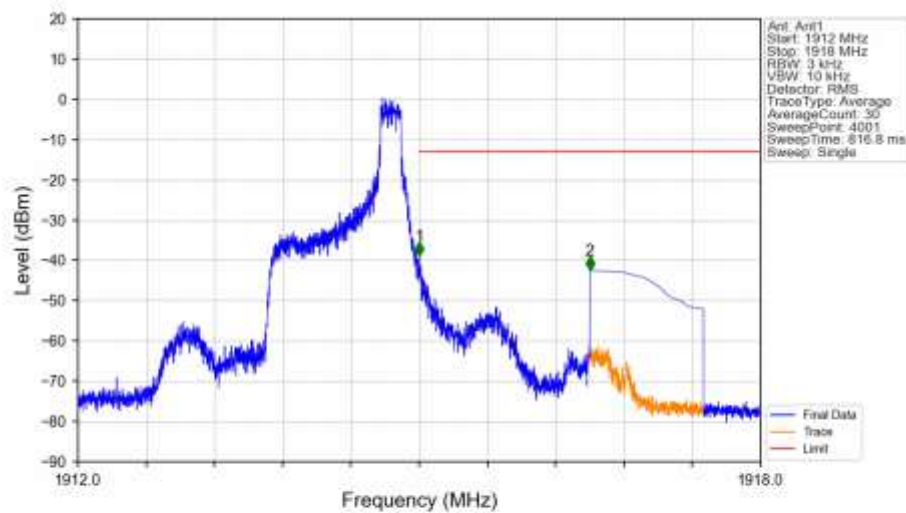
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV

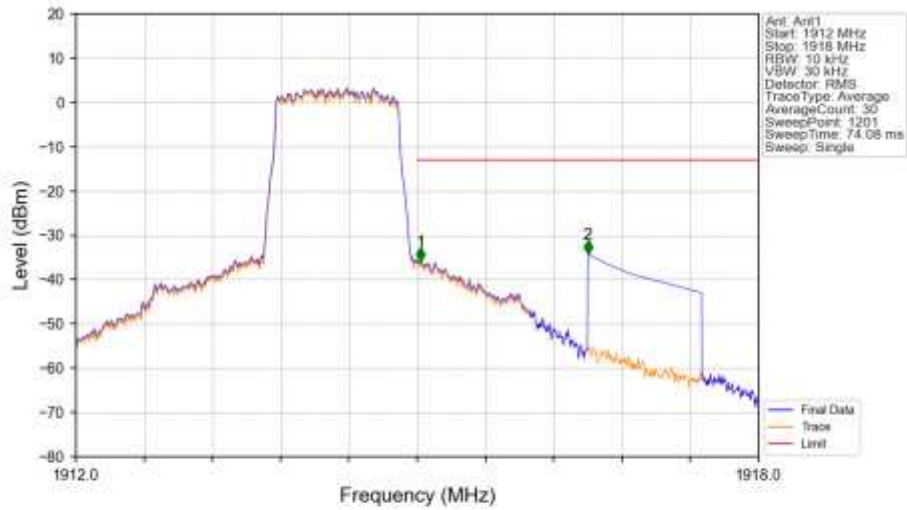


Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 5 NTNV

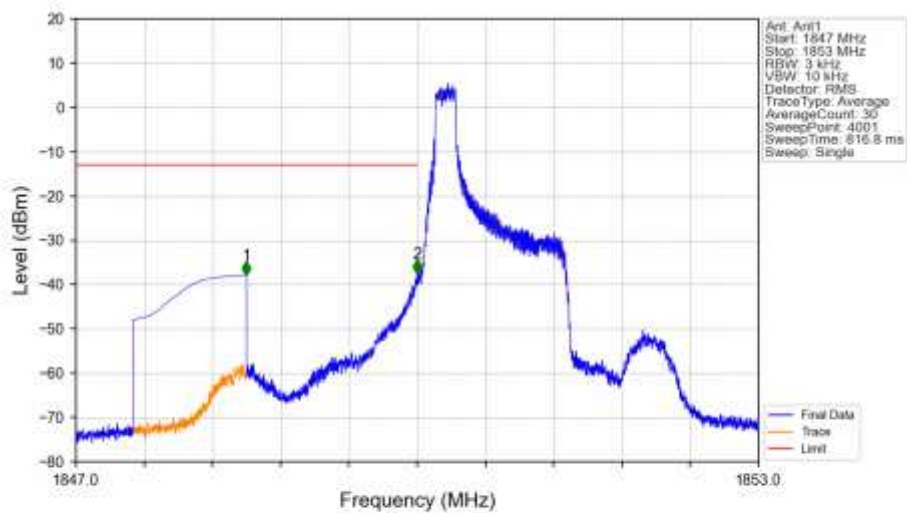


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1912        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.002   | -38.81      | -13         | Pass   |
| 1916        | 1918       | 1         | CHP    | 2          | 1916.500   | -42.47      | -13         | Pass   |

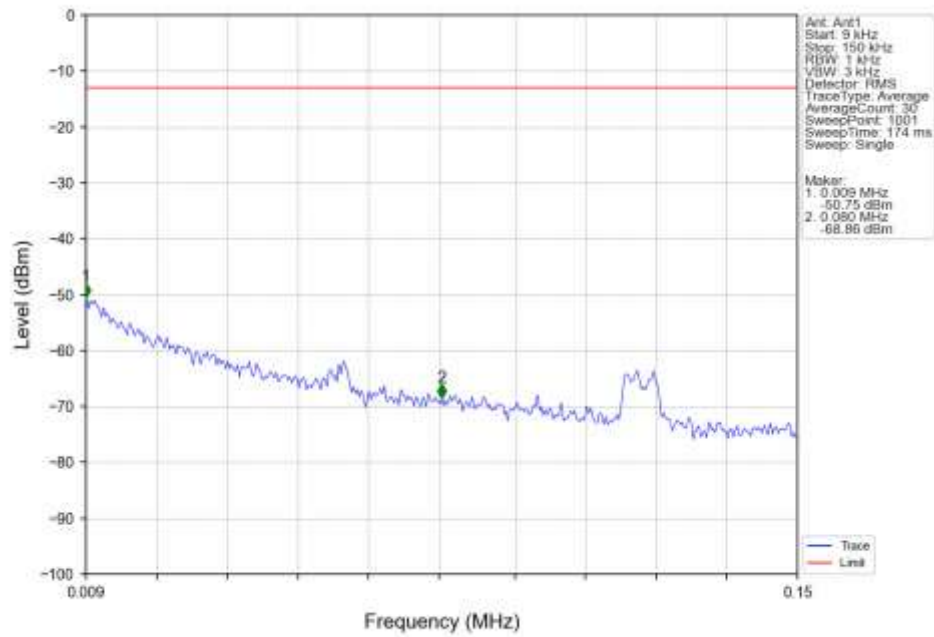
## Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



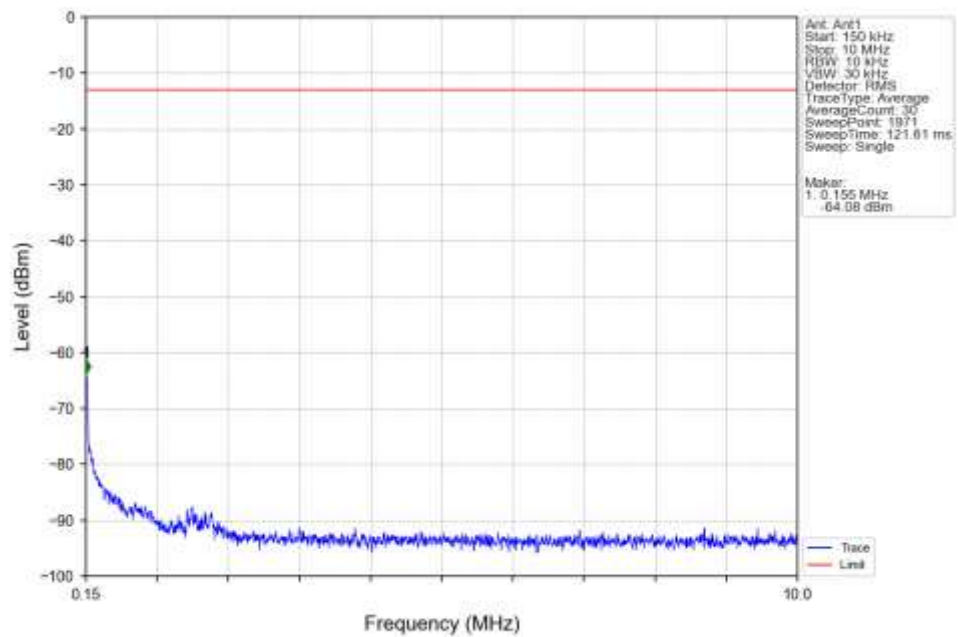
## Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV



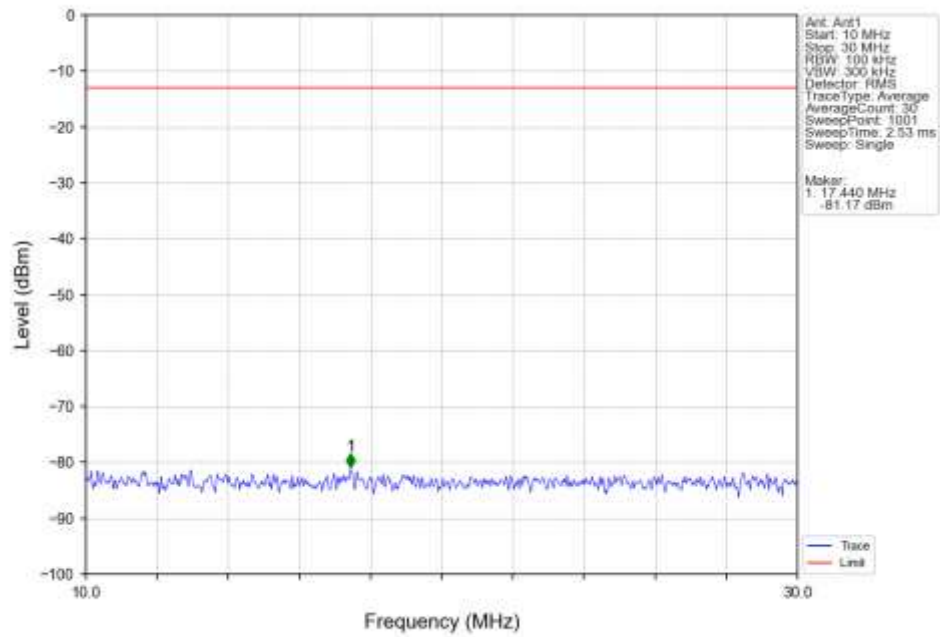
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV



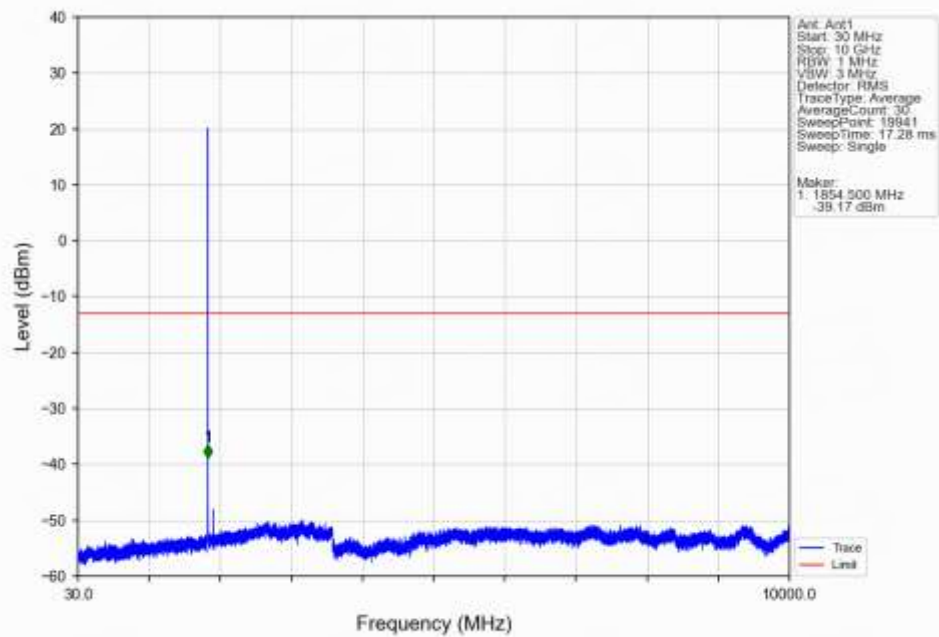
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV



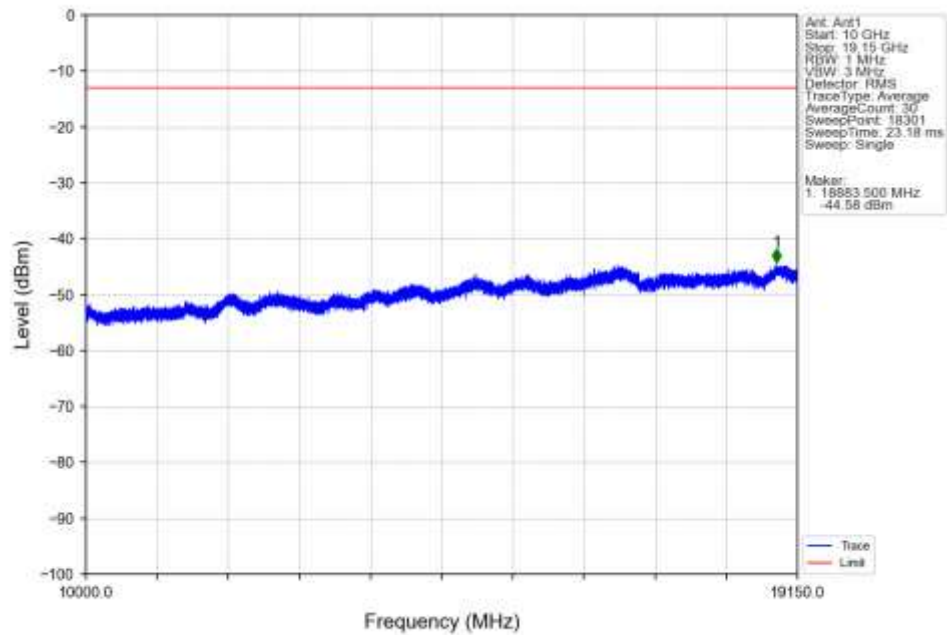
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV



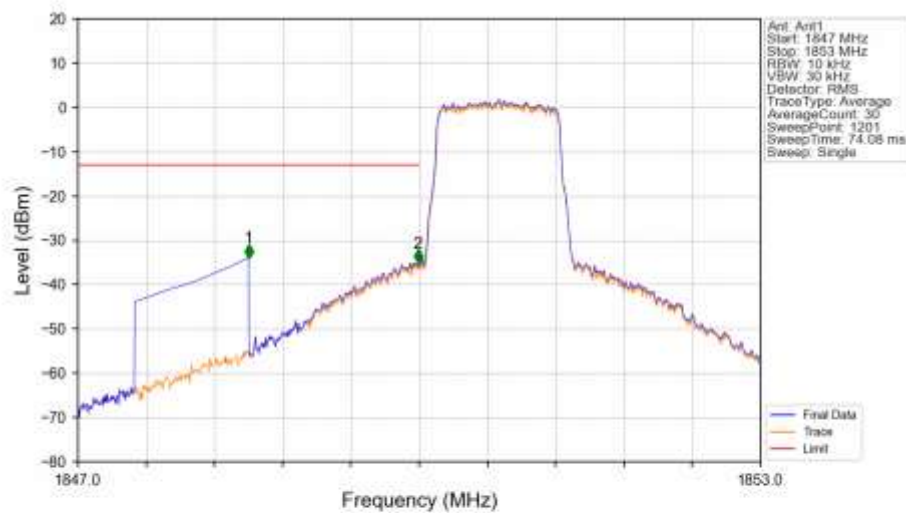
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV



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

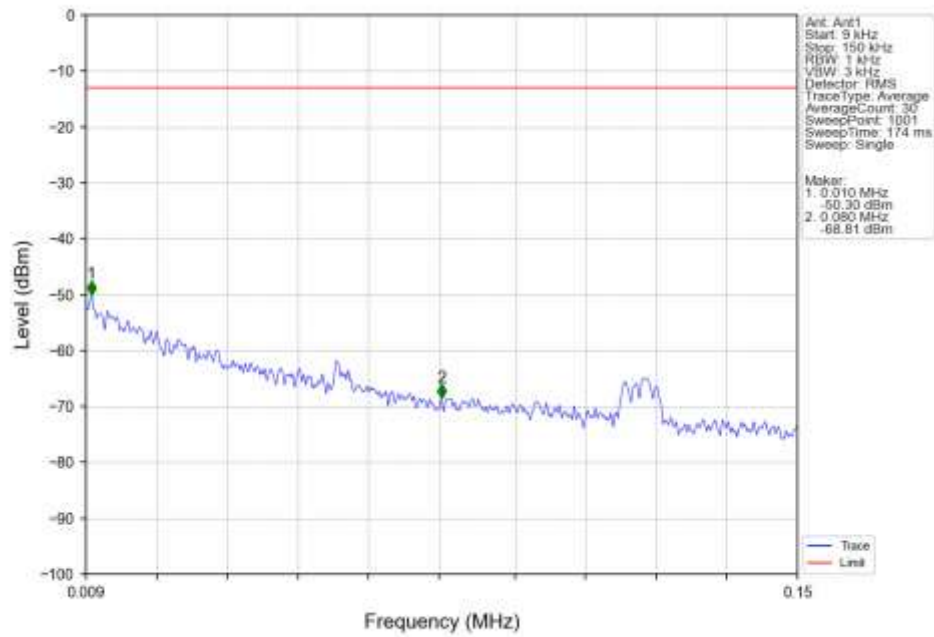


Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV

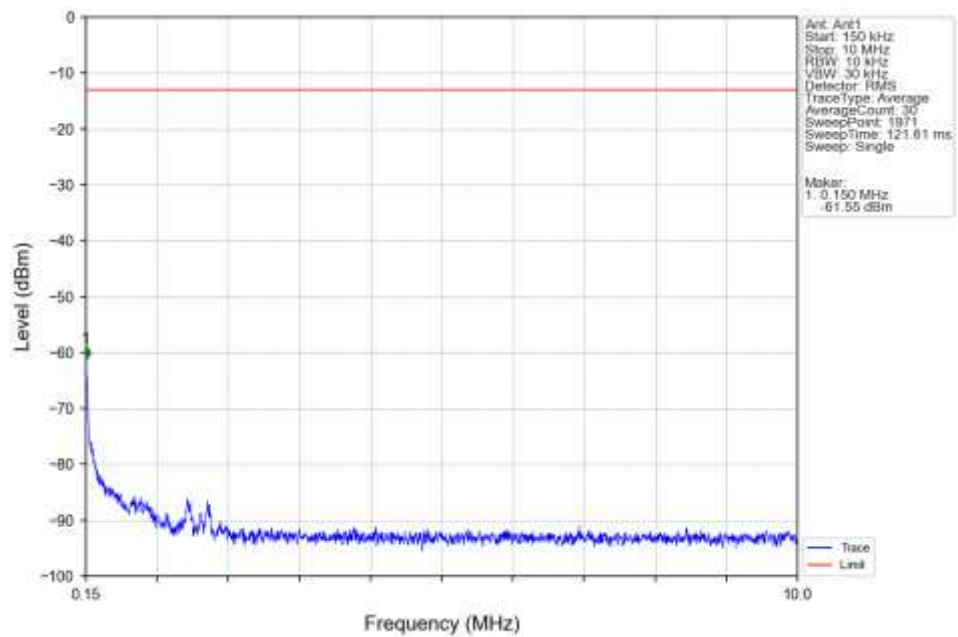


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -33.95      | -13         | Pass   |
| 1849        | 1850       | 0.013     | CHP    | 2          | 1849.990   | -35.13      | -13         | Pass   |
| 1850        | 1853       | 0.013     | CHP    | /          | /          | /           | /           | /      |

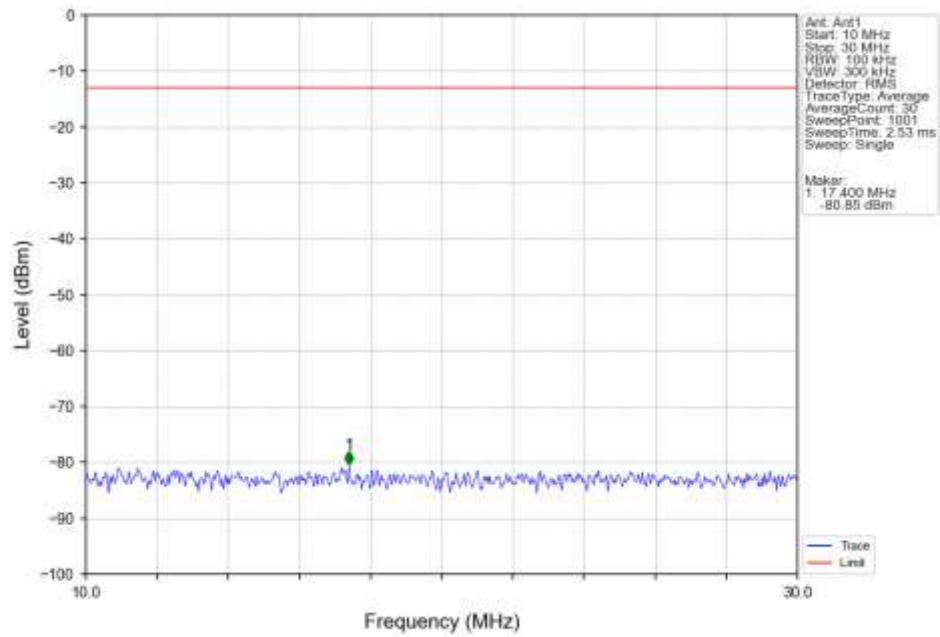
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



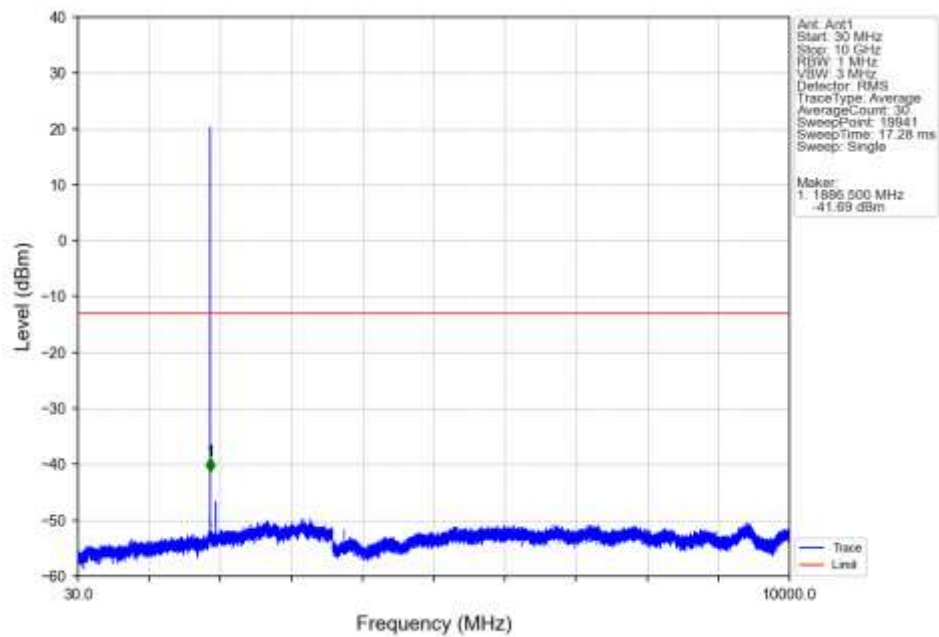
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



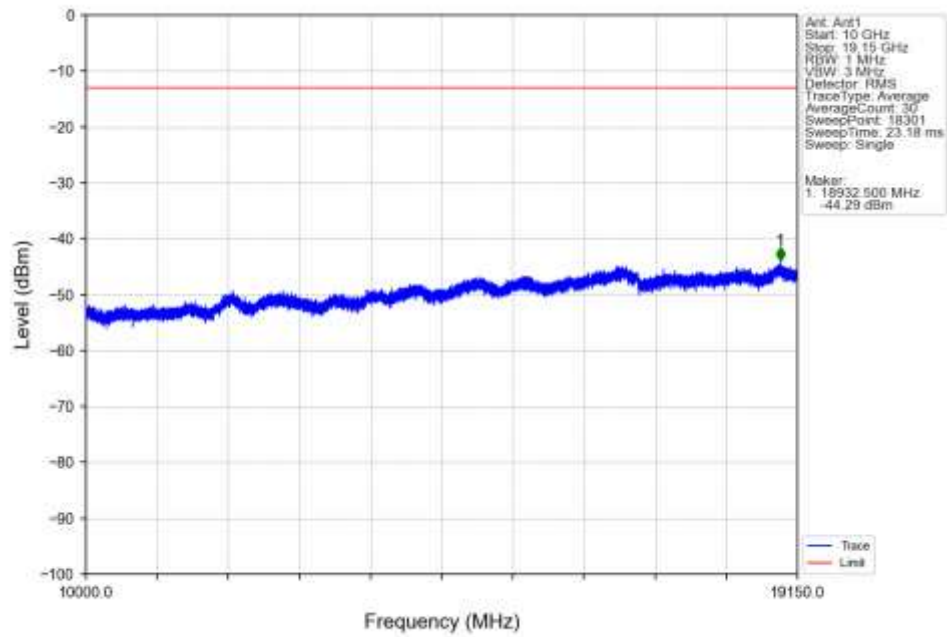
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



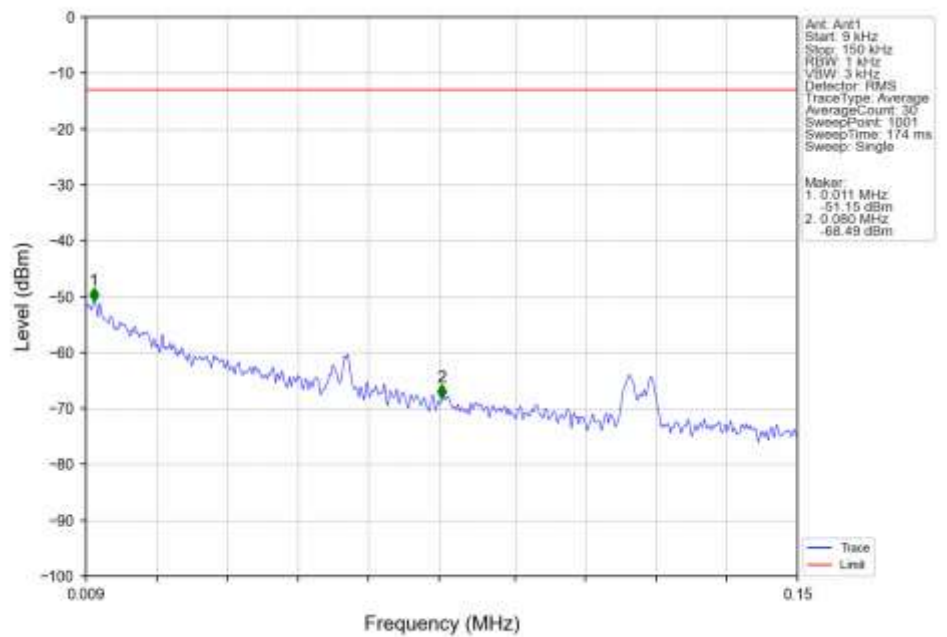
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



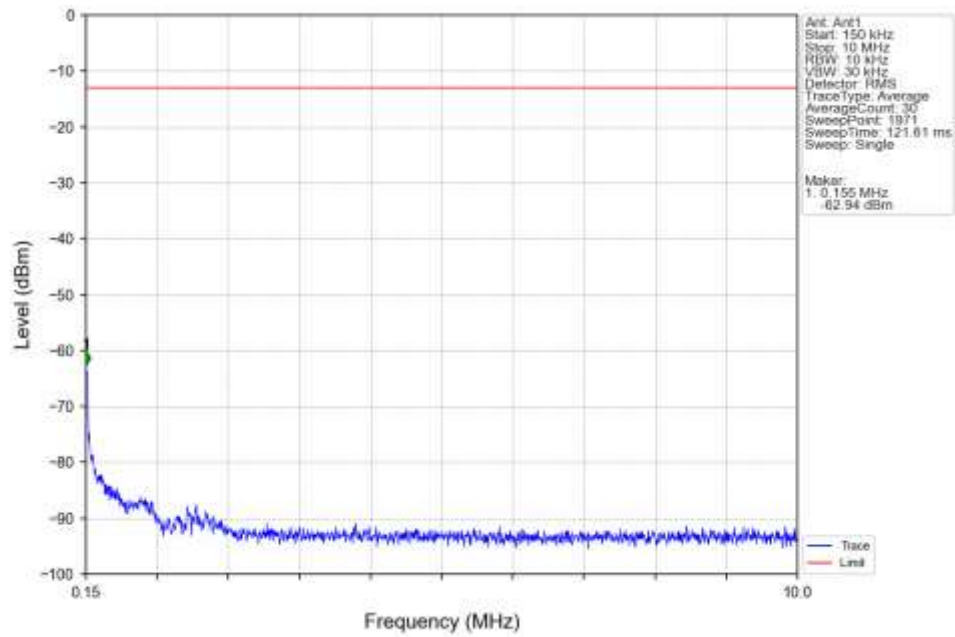
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



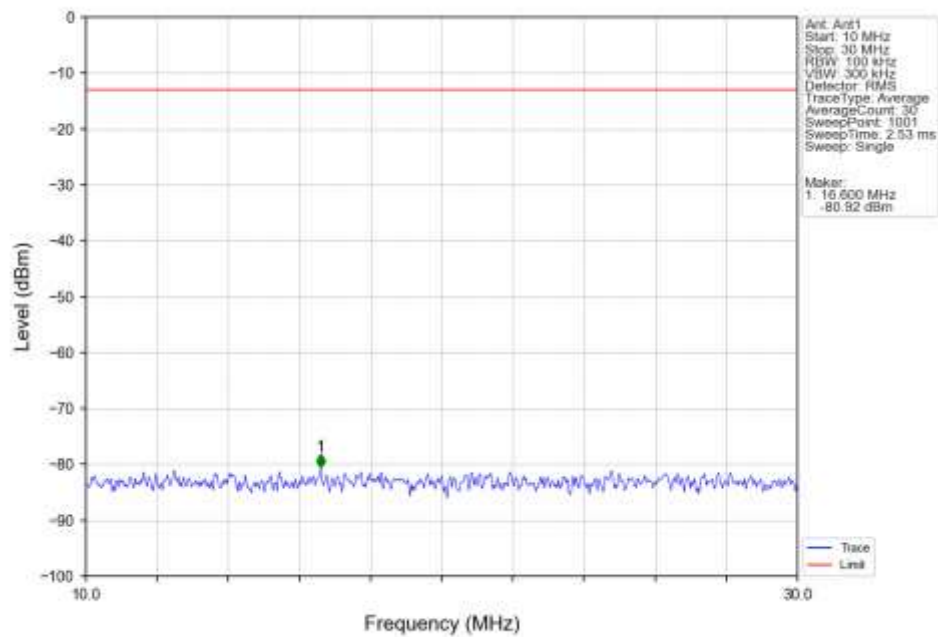
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTNV



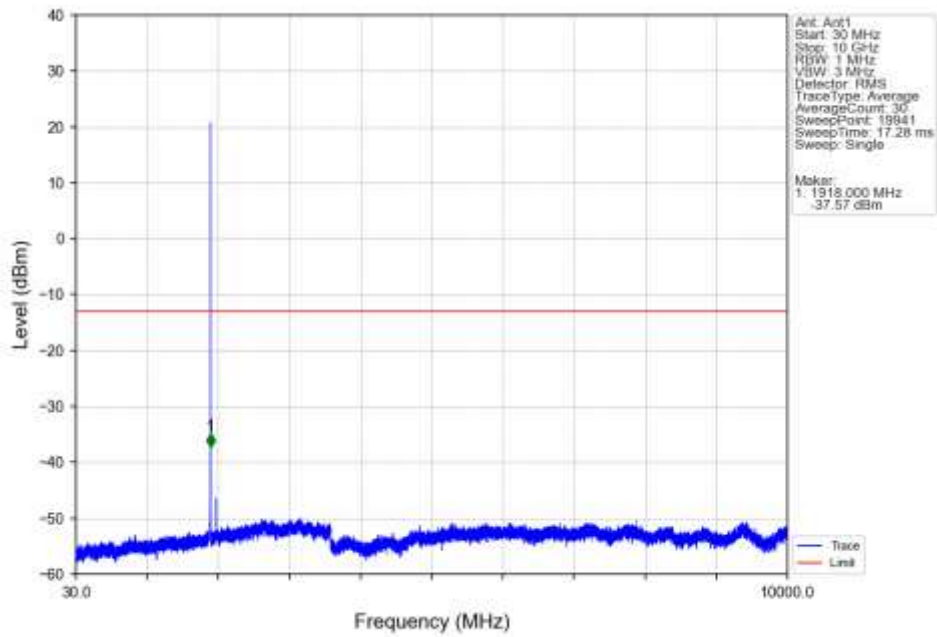
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTNV



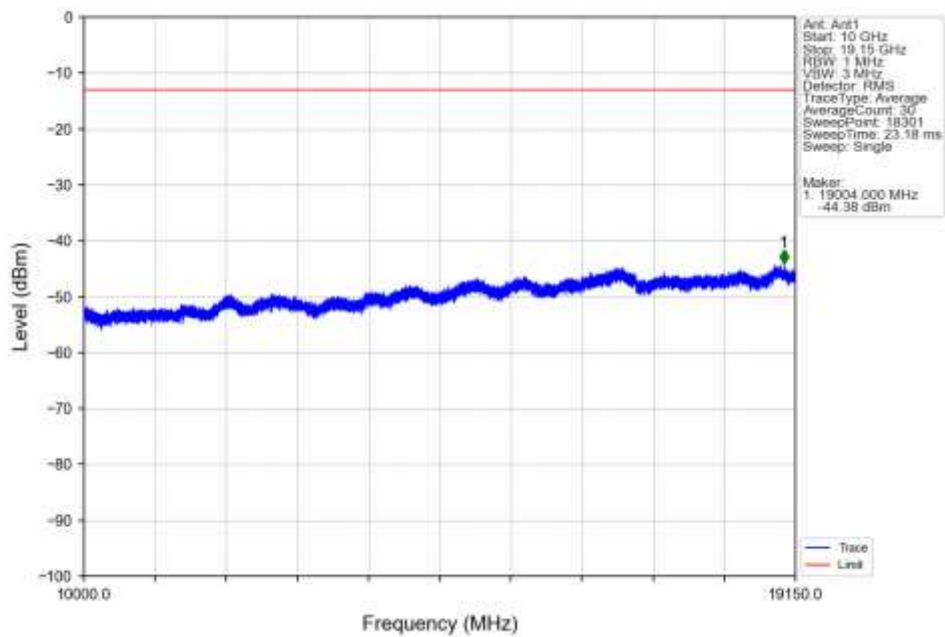
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTNV



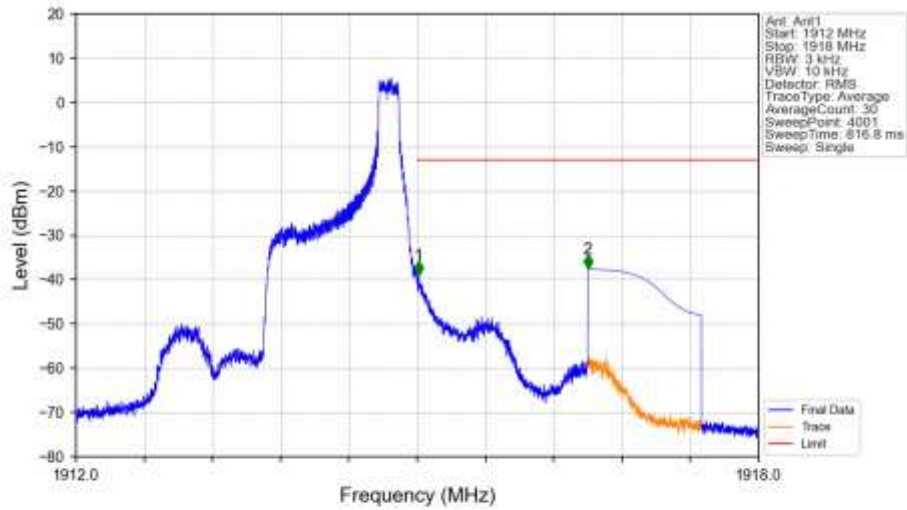
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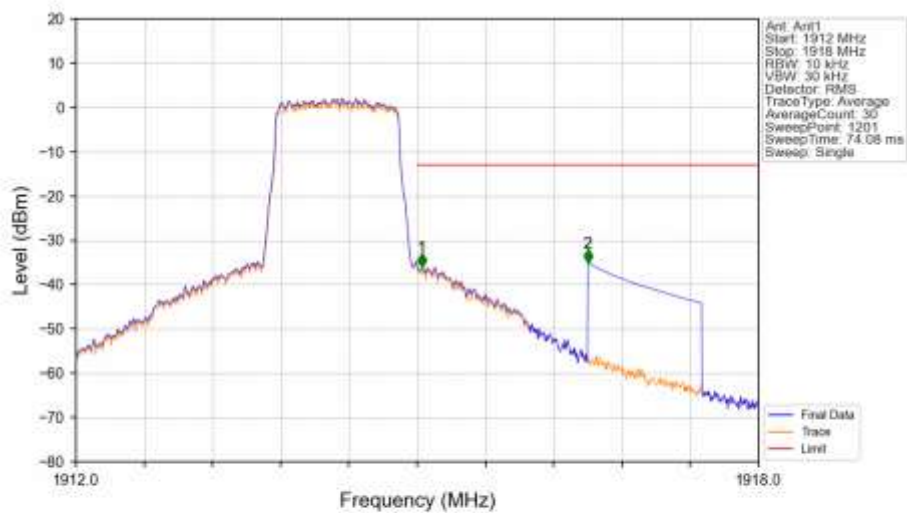
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTNV



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

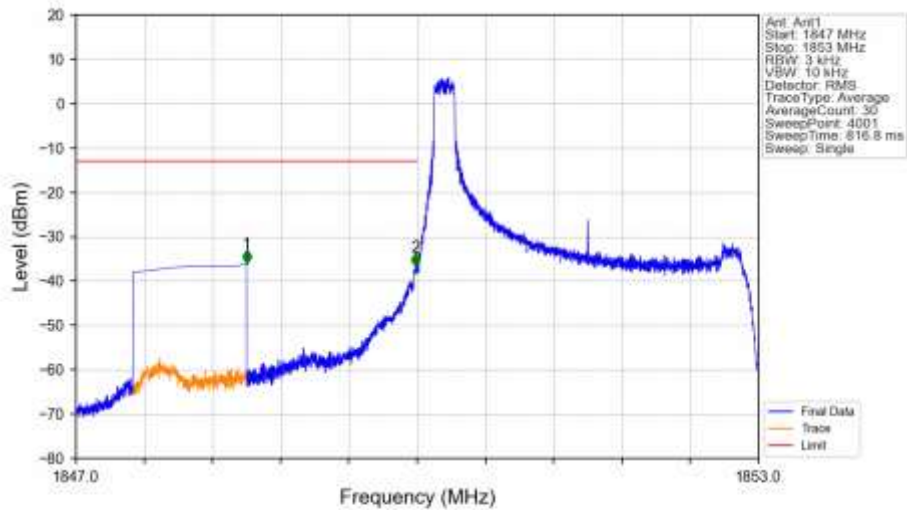


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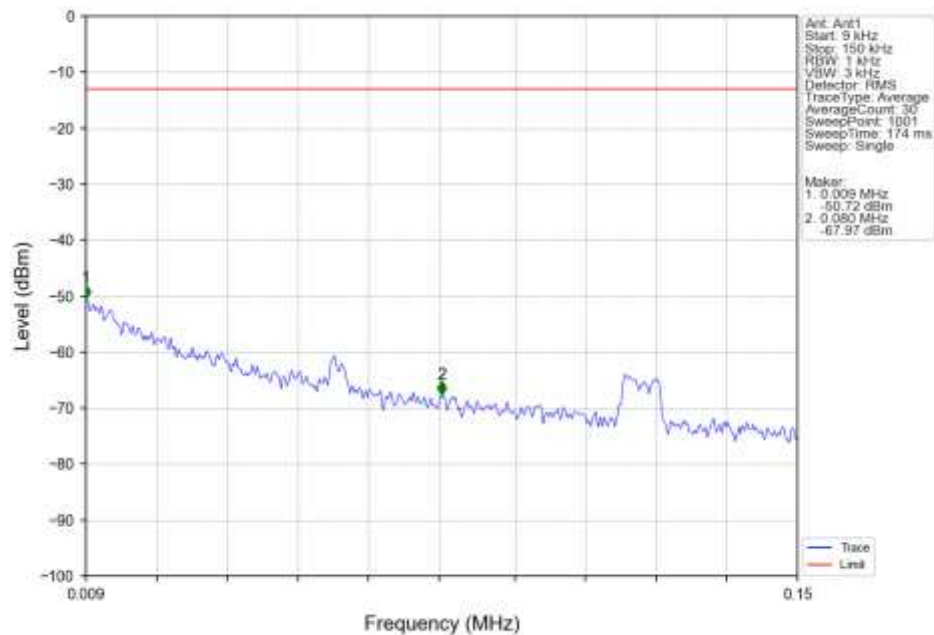


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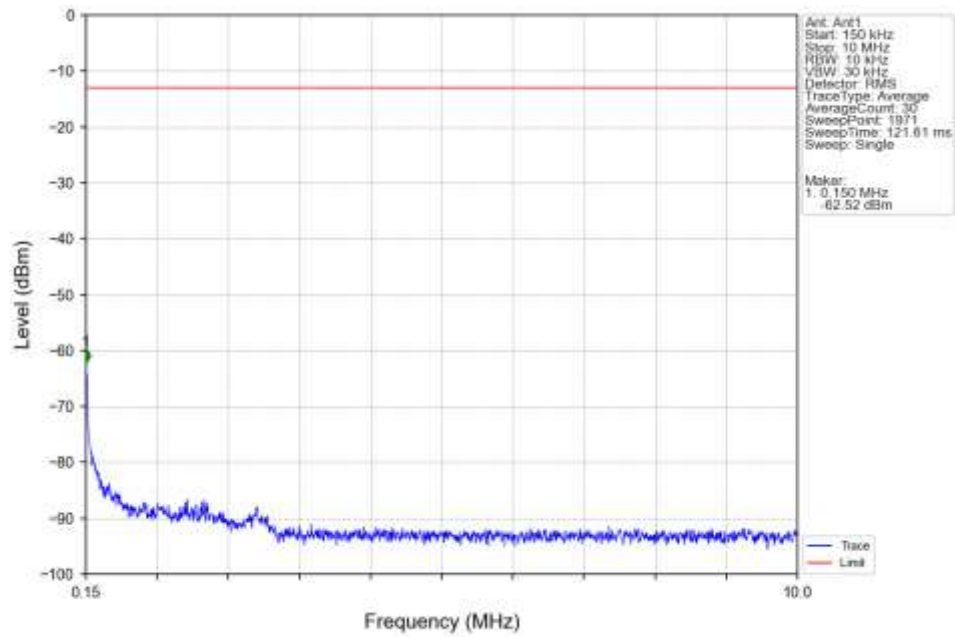
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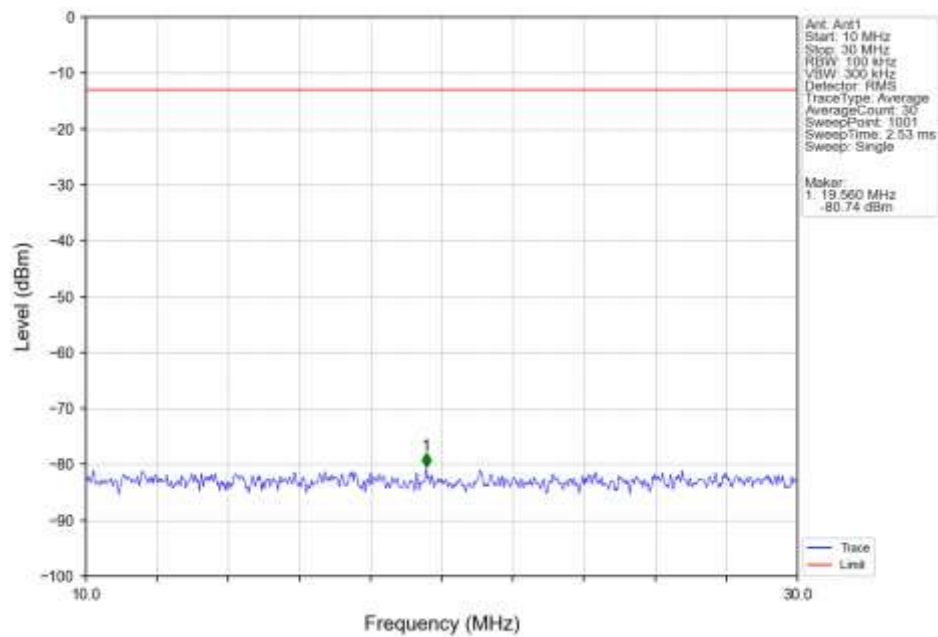
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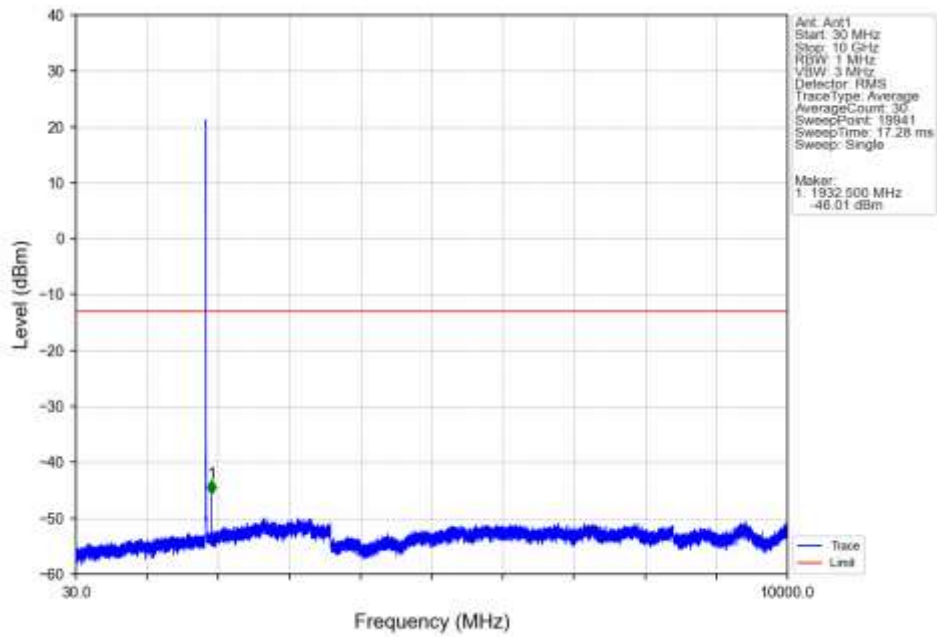
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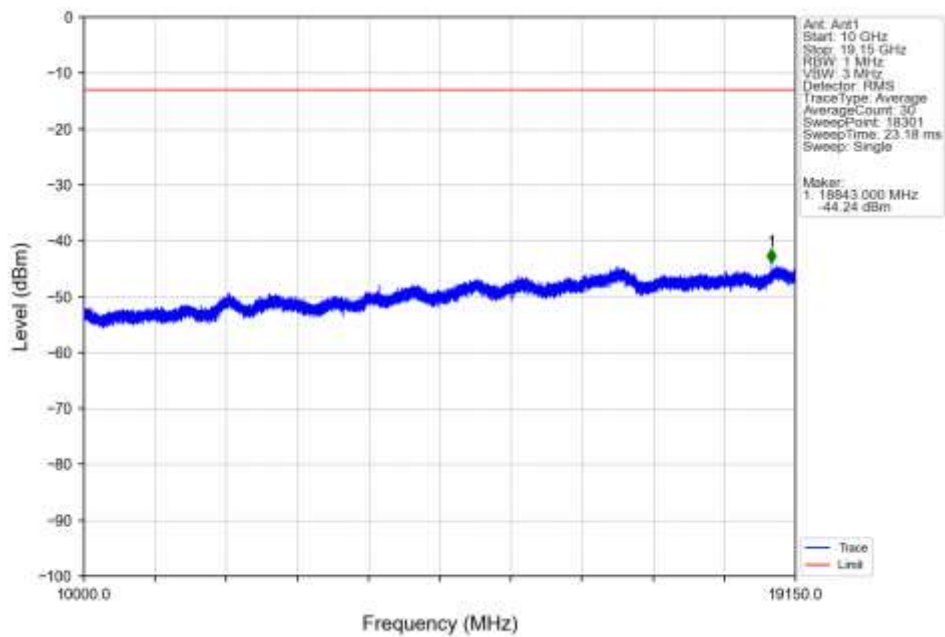
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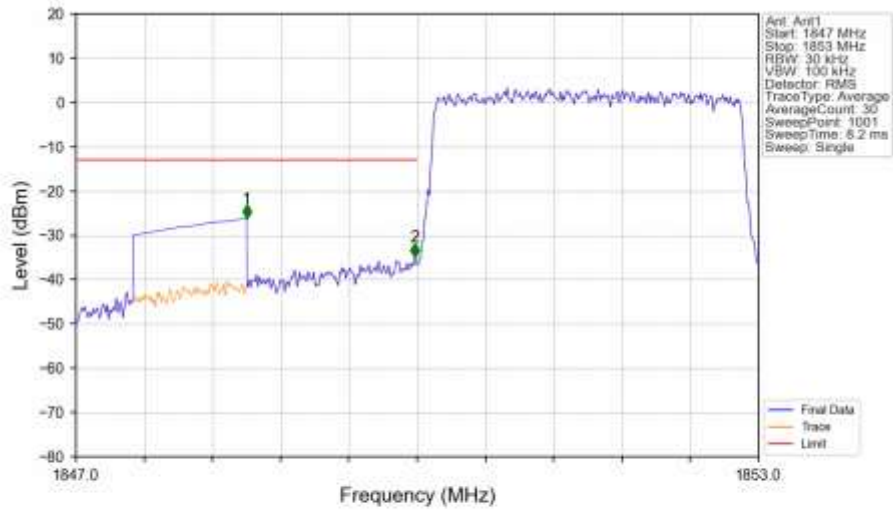
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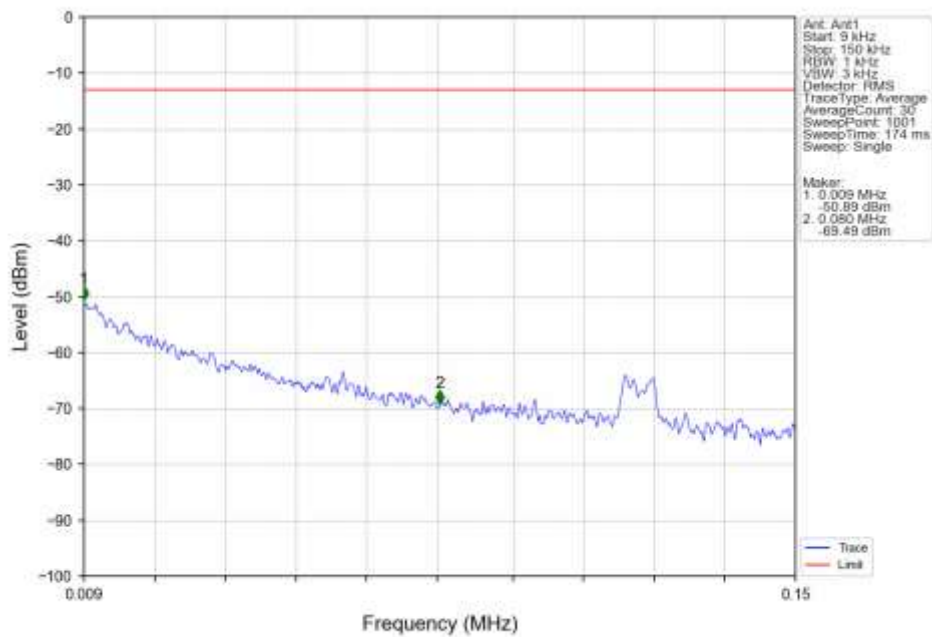
Band25 3MHz QPSK LCH 1851.5MHz RB 1 0 NTNV



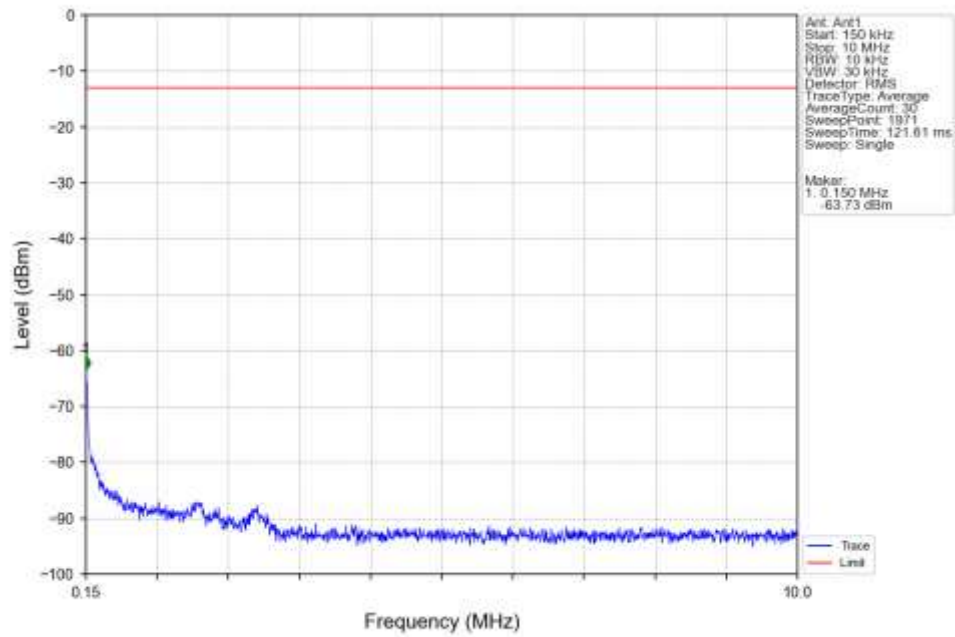
## Band25 3MHz QPSK LCH 1851.5MHz RB 15 0 NTV



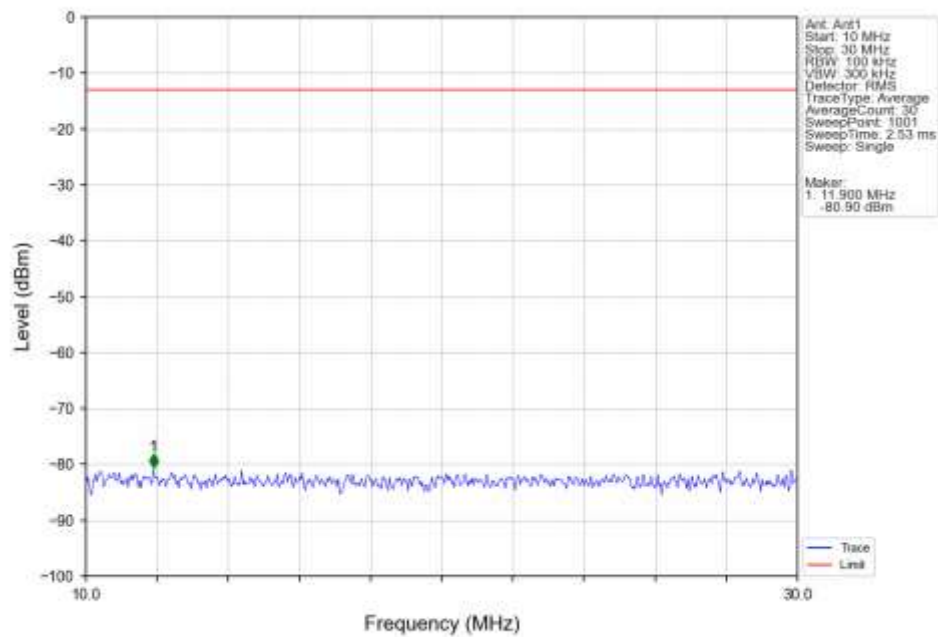
## Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTV



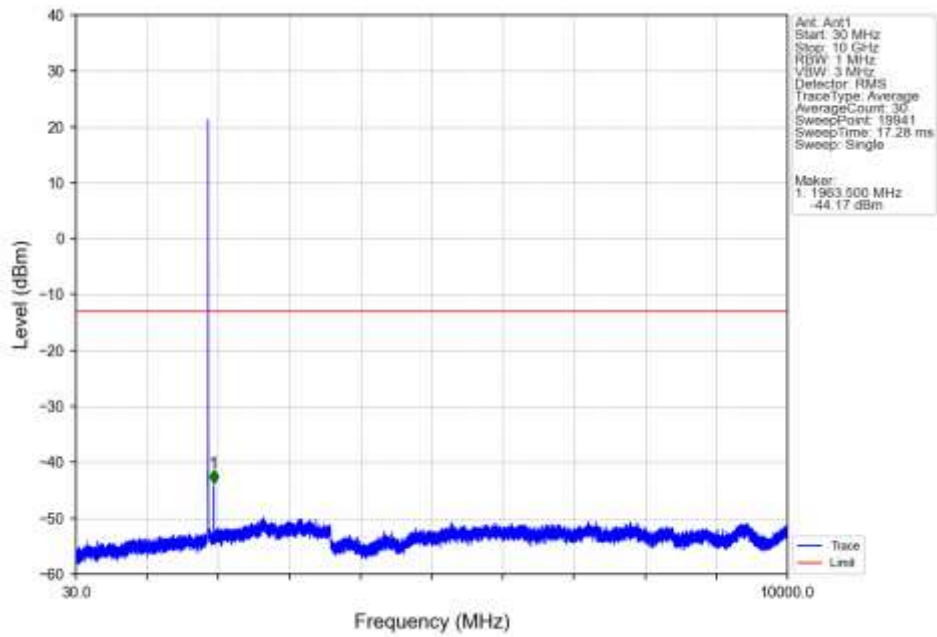
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



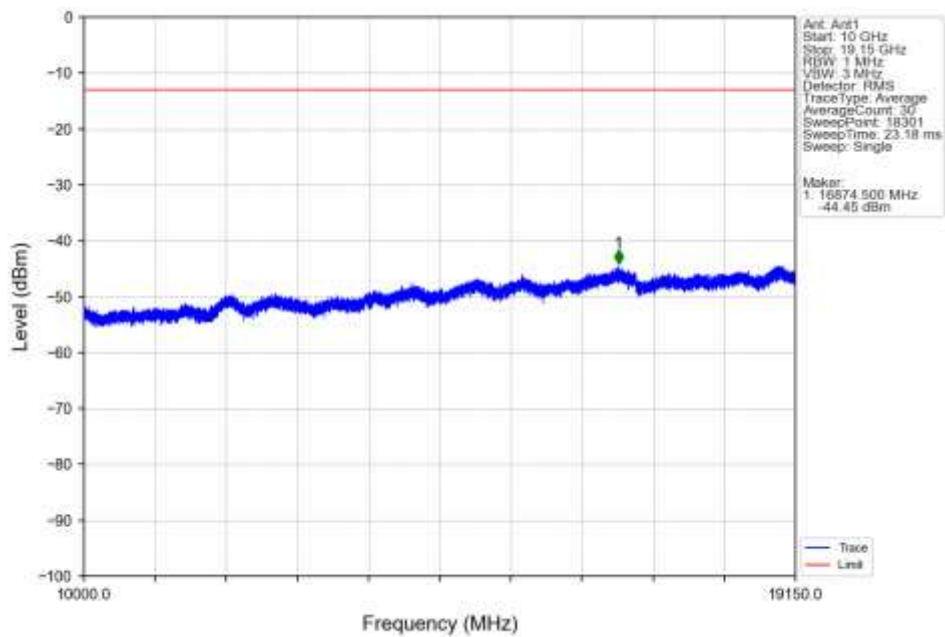
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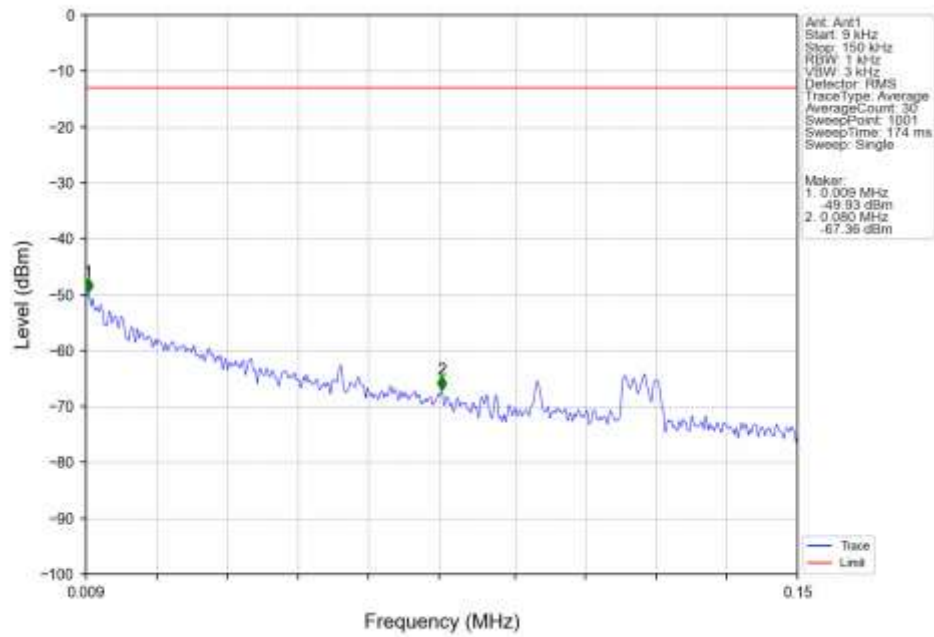
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



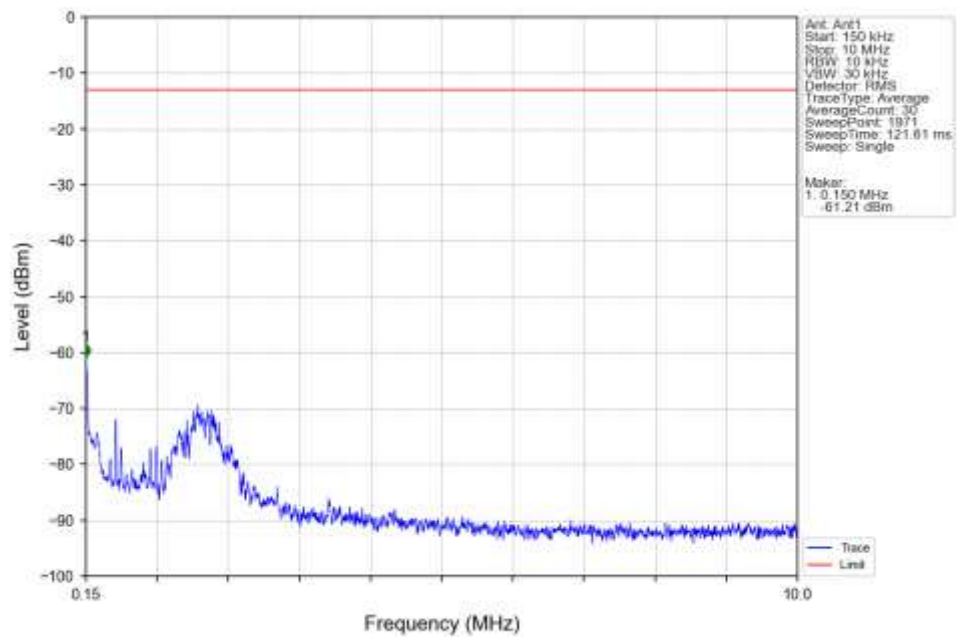
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



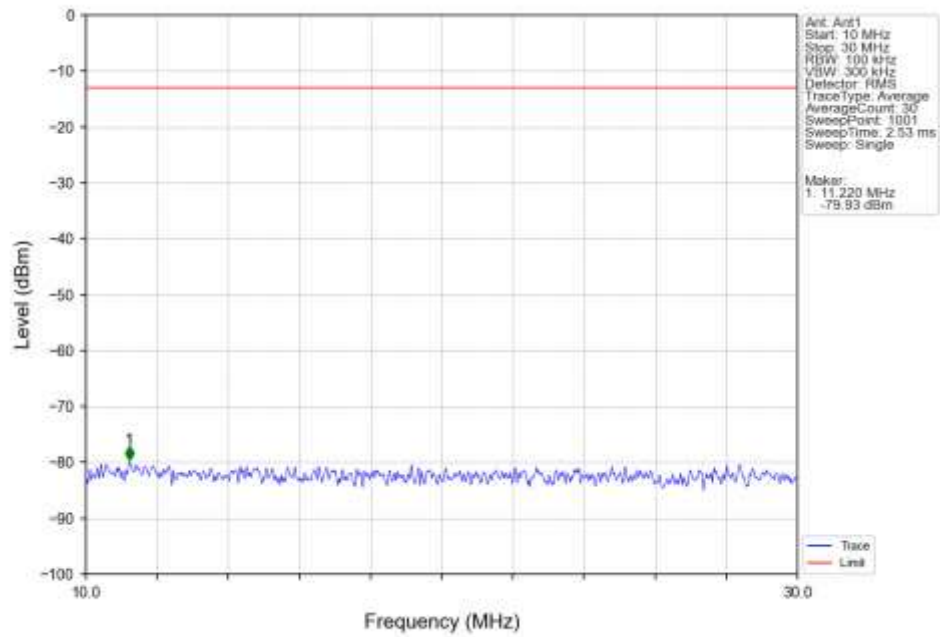
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTV



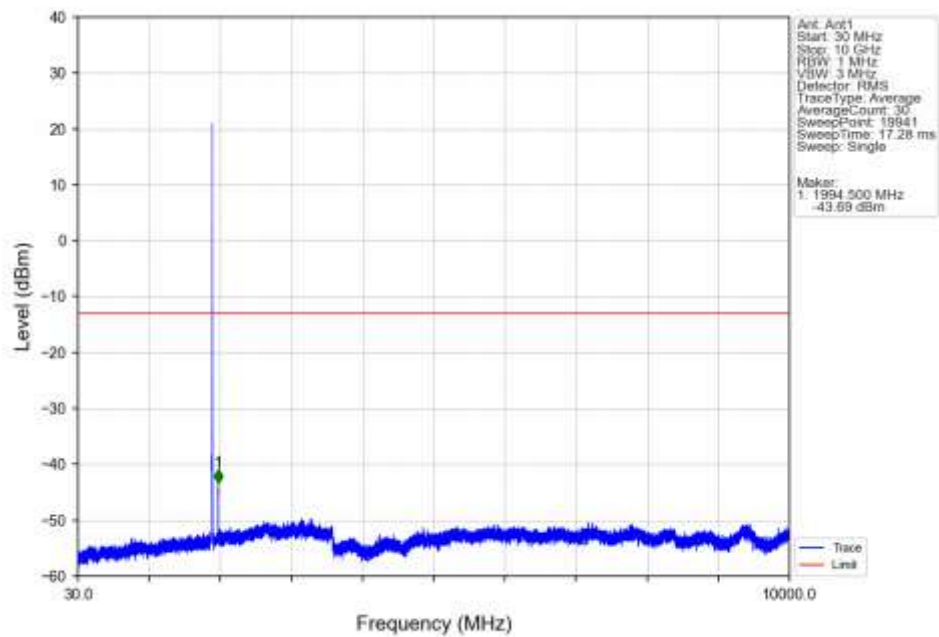
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTV



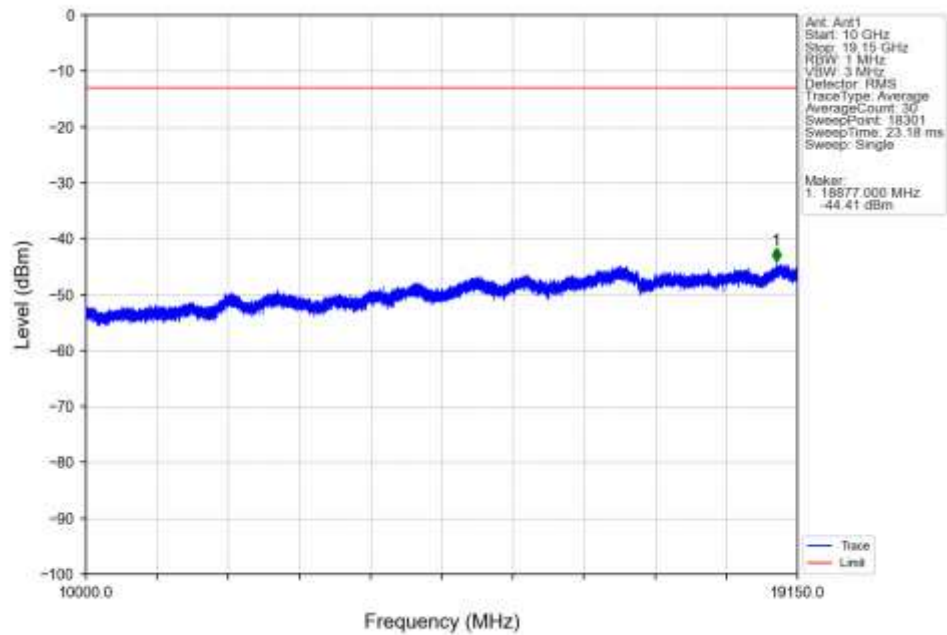
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTV



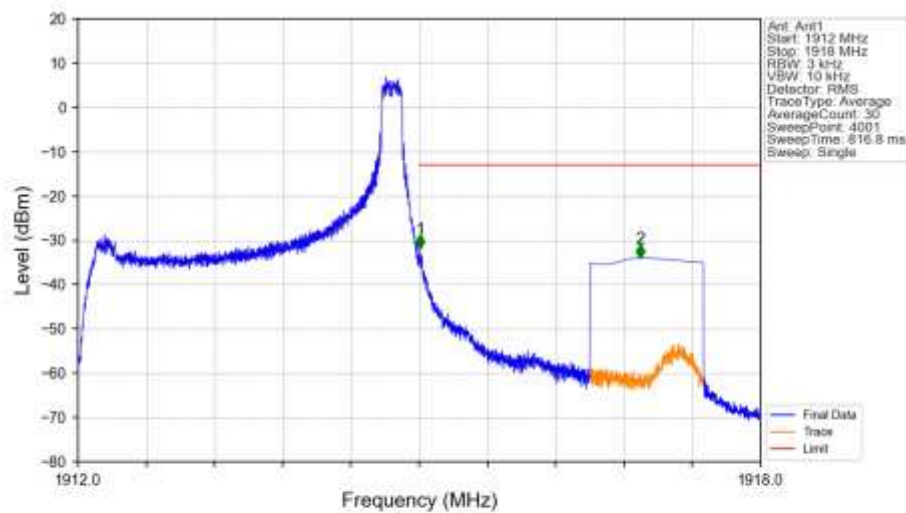
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTV



Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTNV

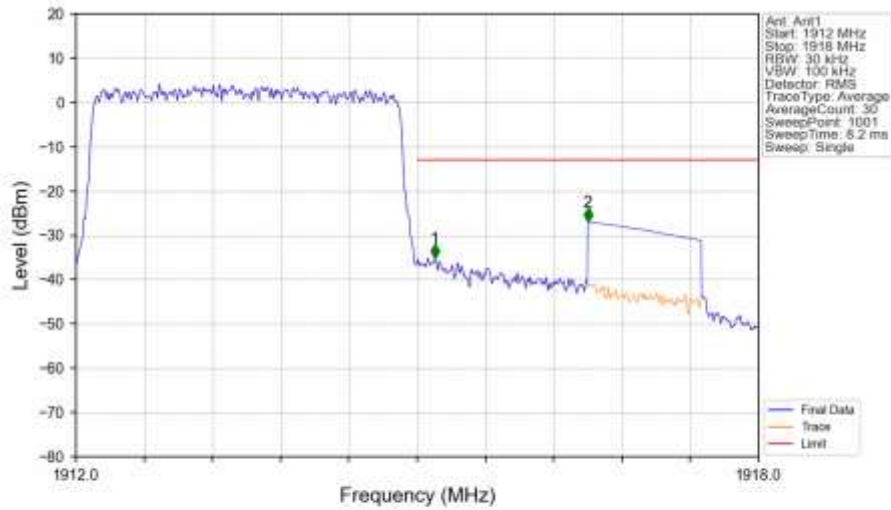


Band25 3MHz QPSK HCH 1913.5MHz RB 1 14 NTNV



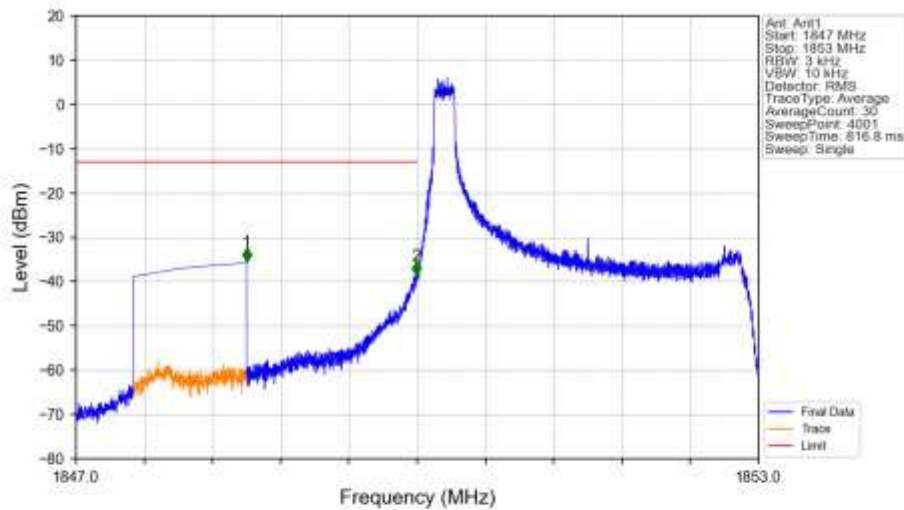
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1912        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.011   | -31.82      | -13         | Pass   |
| 1916        | 1918       | 1         | CHP    | 2          | 1916.943   | -33.98      | -13         | Pass   |

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



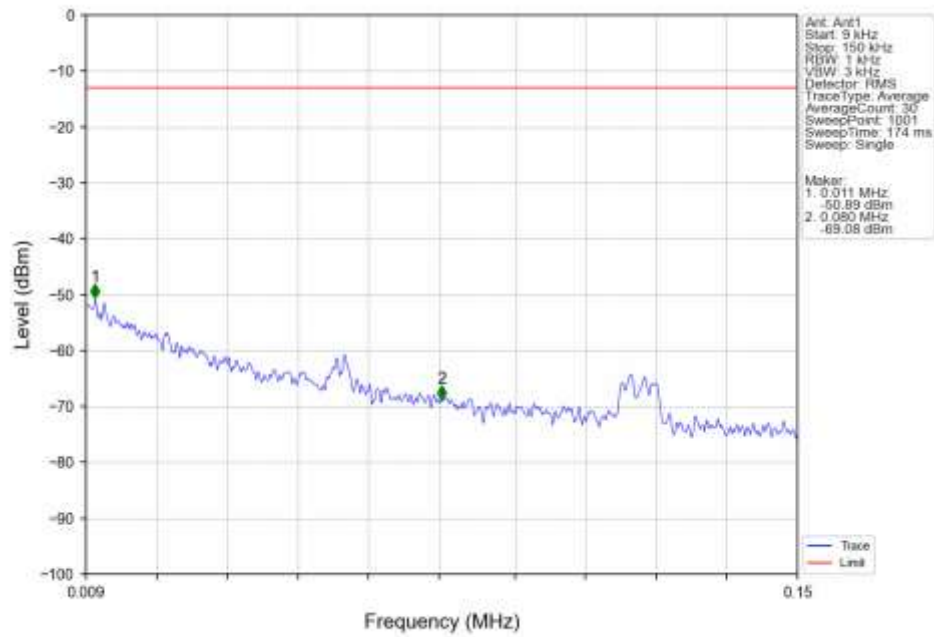
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1912        | 1915       | 0.03      | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.03      | /      | 1          | 1915.156   | -35.09      | -13         | Pass   |
| 1916        | 1918       | 1         | CHP    | 2          | 1916.500   | -26.94      | -13         | Pass   |

## Band25 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV

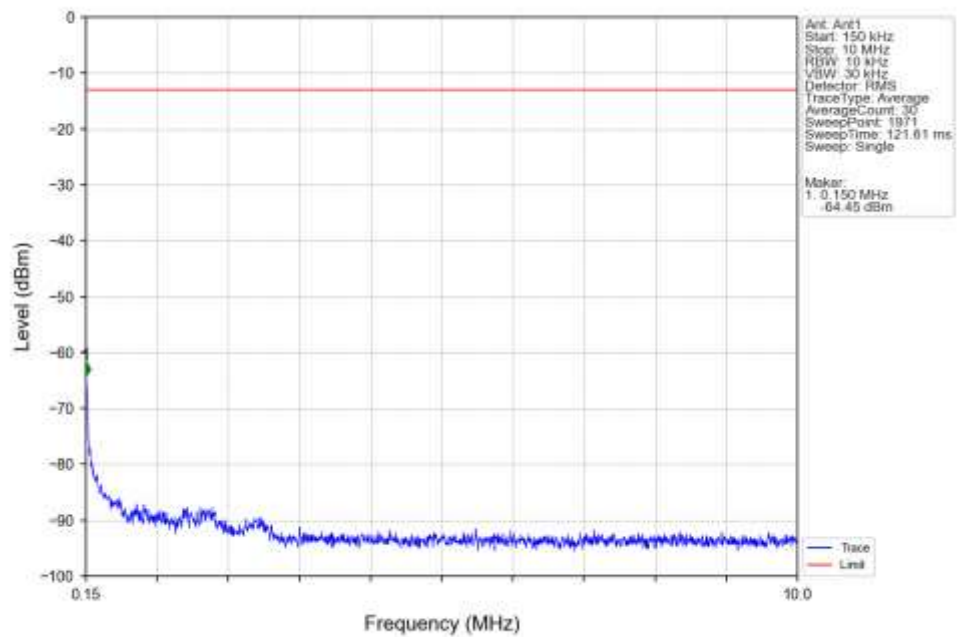


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -35.49      | -13         | Pass   |
| 1849        | 1850       | 0.003     | /      | 2          | 1849.991   | -38.62      | -13         | Pass   |
| 1850        | 1853       | 0.003     | /      | /          | /          | /           | /           | /      |

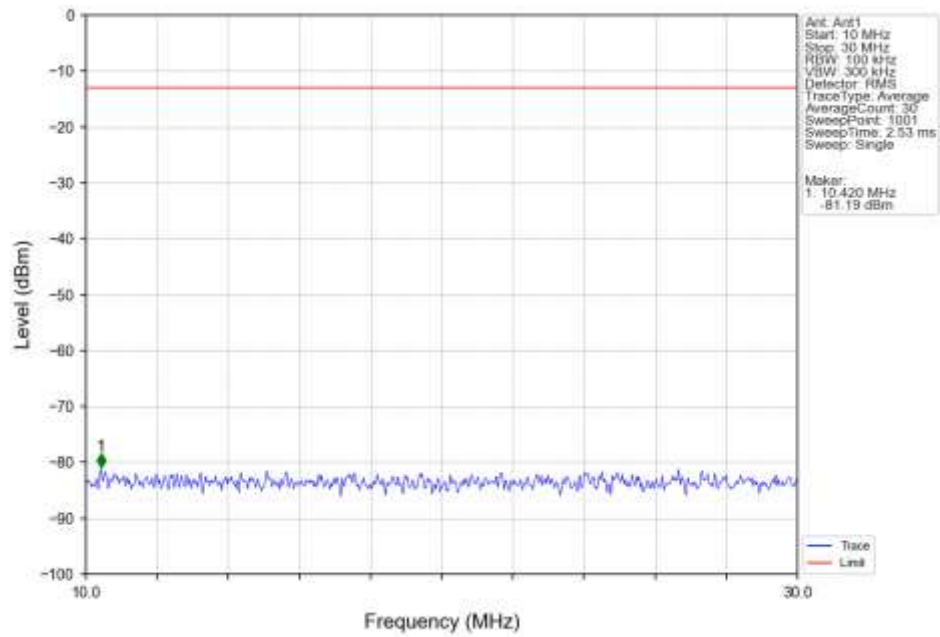
Band25 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV



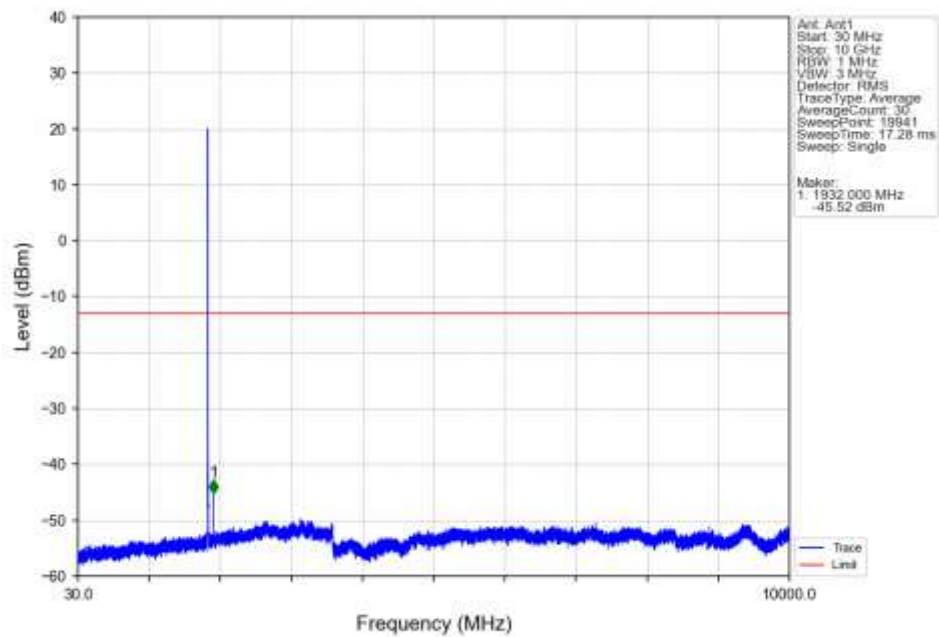
Band25 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV



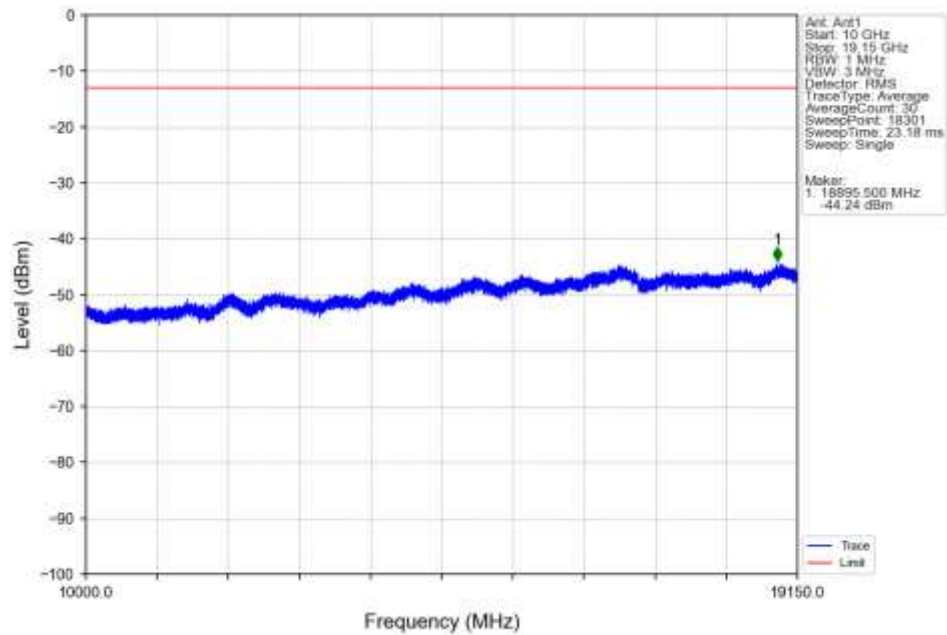
Band25 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV



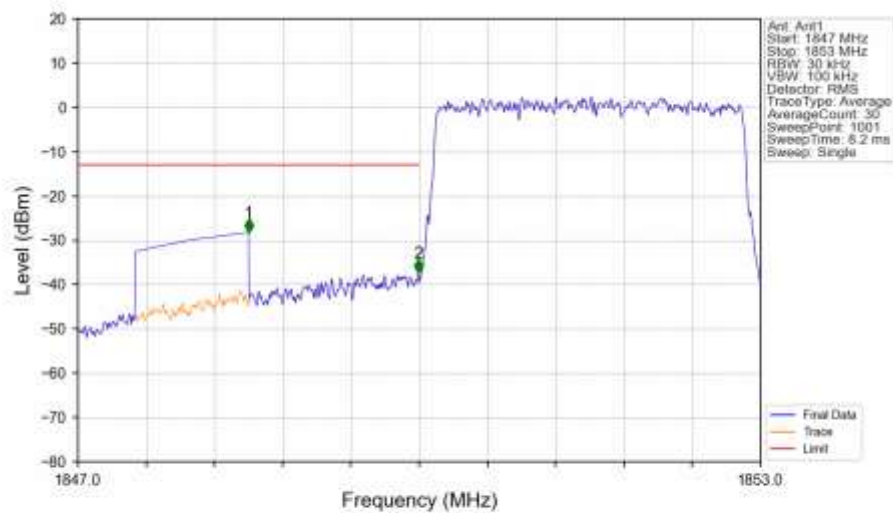
Band25 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTNV



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

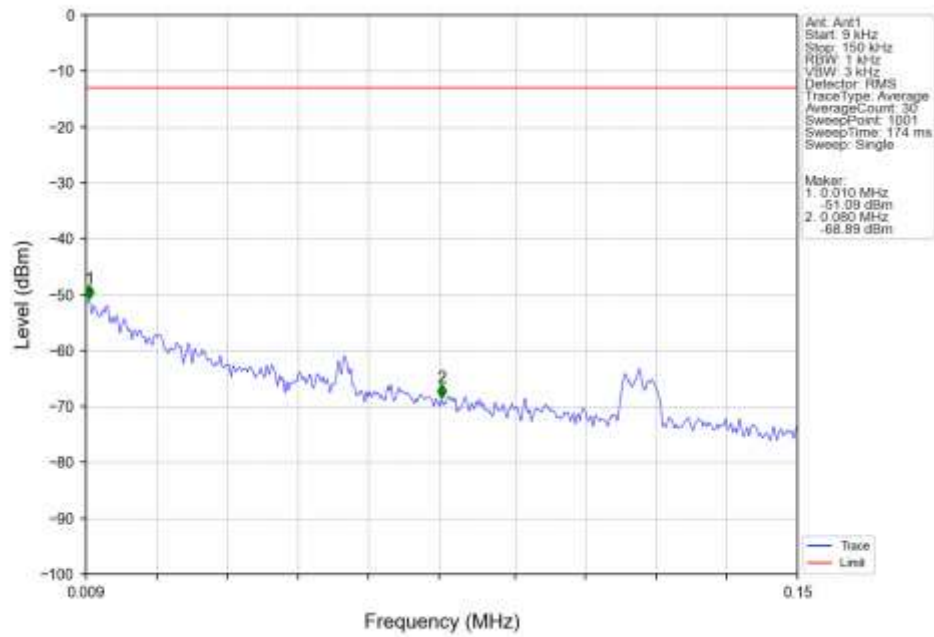


Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV

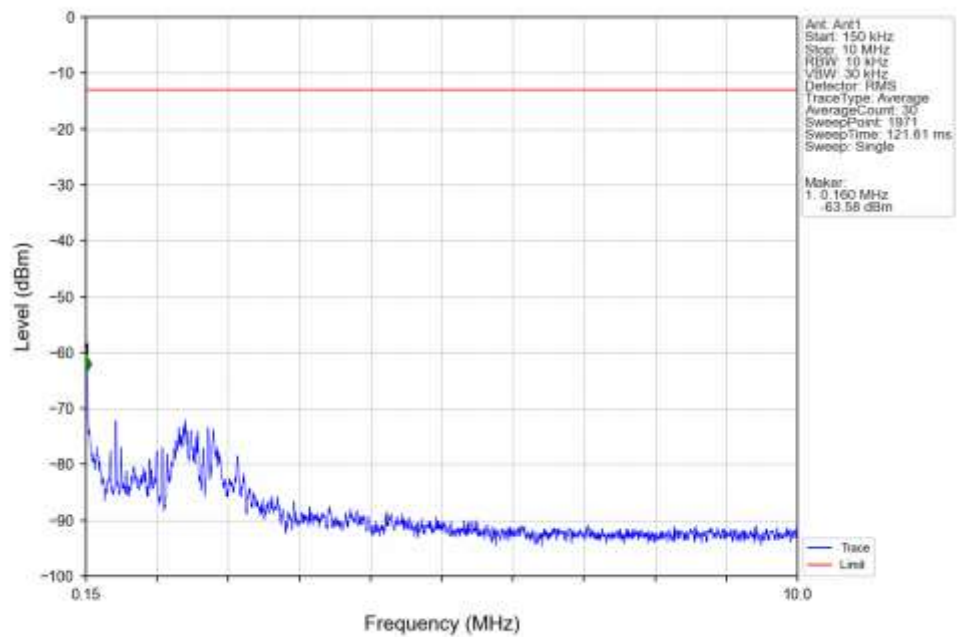


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1847        | 1849       | 1         | CHP    | 1          | 1848.500   | -28.16      | -13         | Pass   |
| 1849        | 1850       | 0.03      | /      | 2          | 1849.994   | -37.29      | -13         | Pass   |
| 1850        | 1853       | 0.03      | /      | /          | /          | /           | /           | /      |

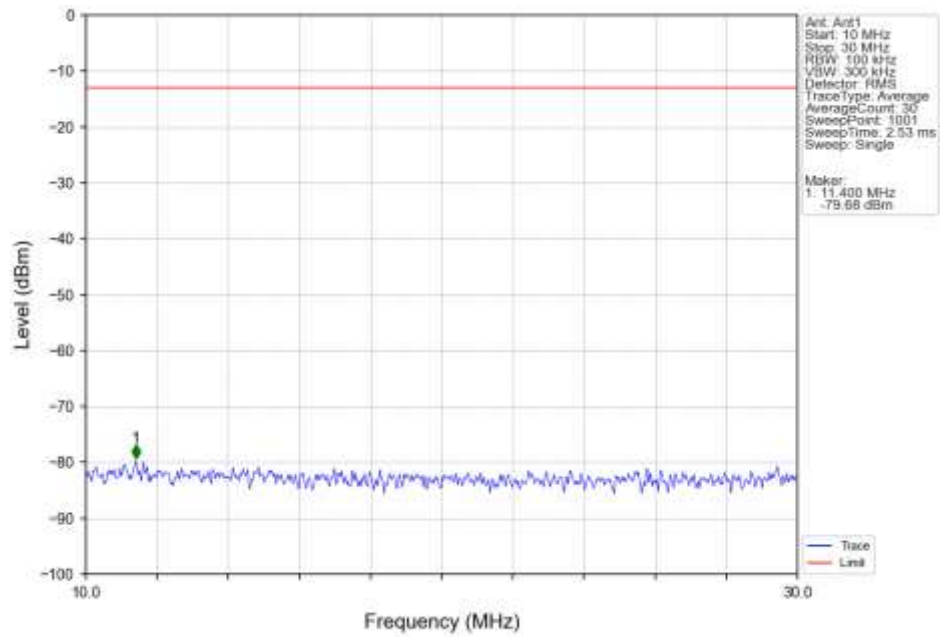
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



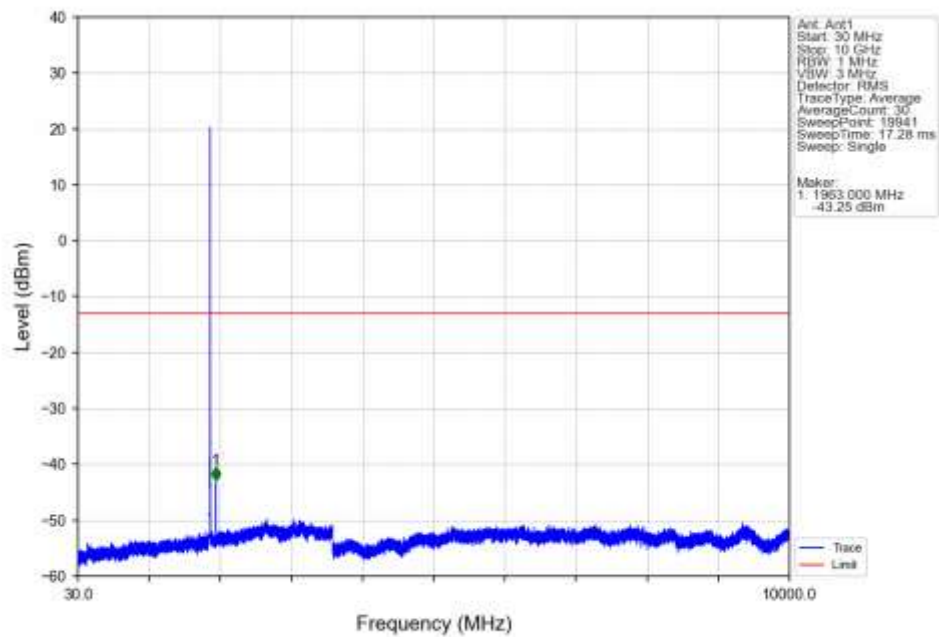
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



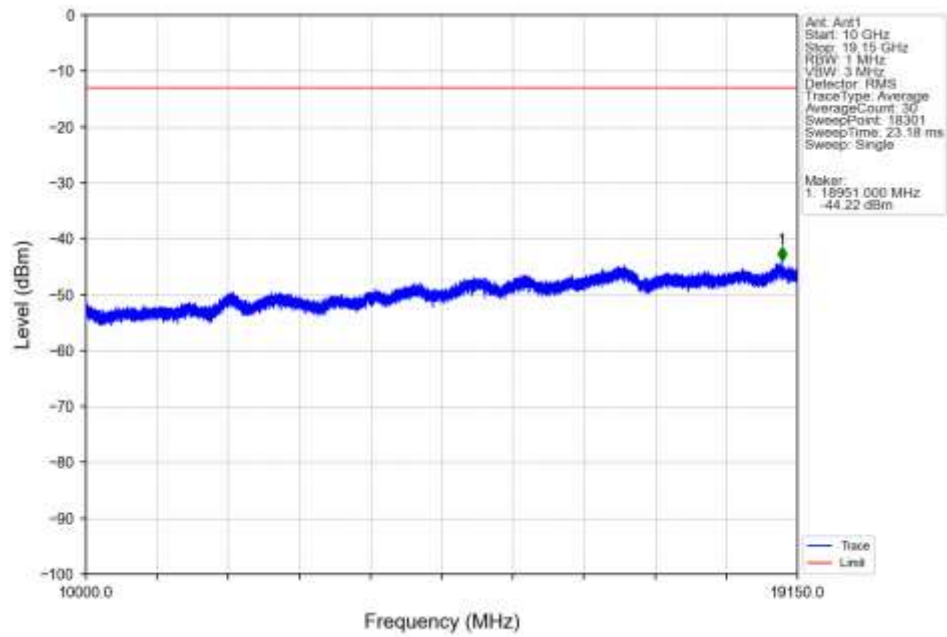
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



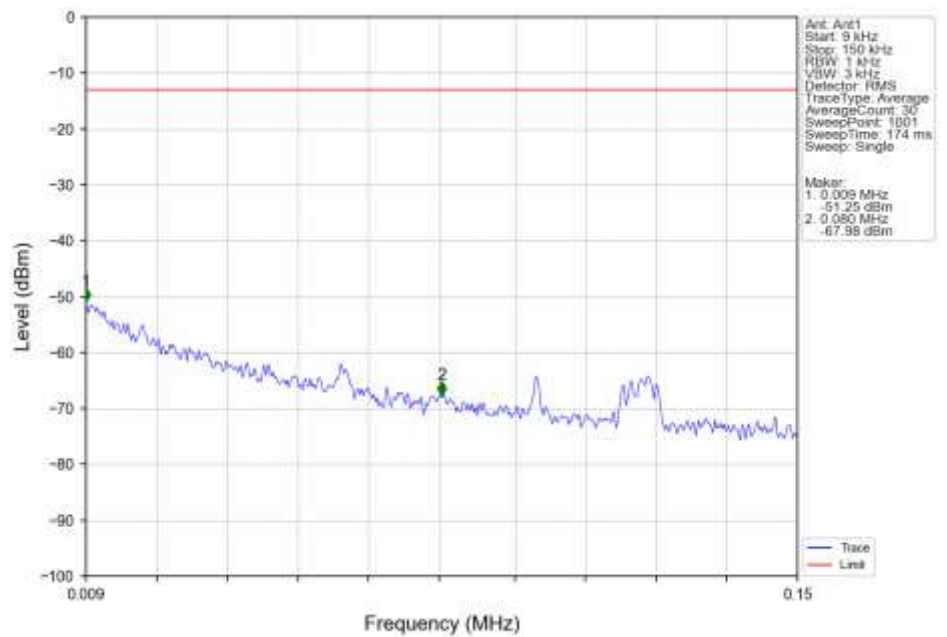
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



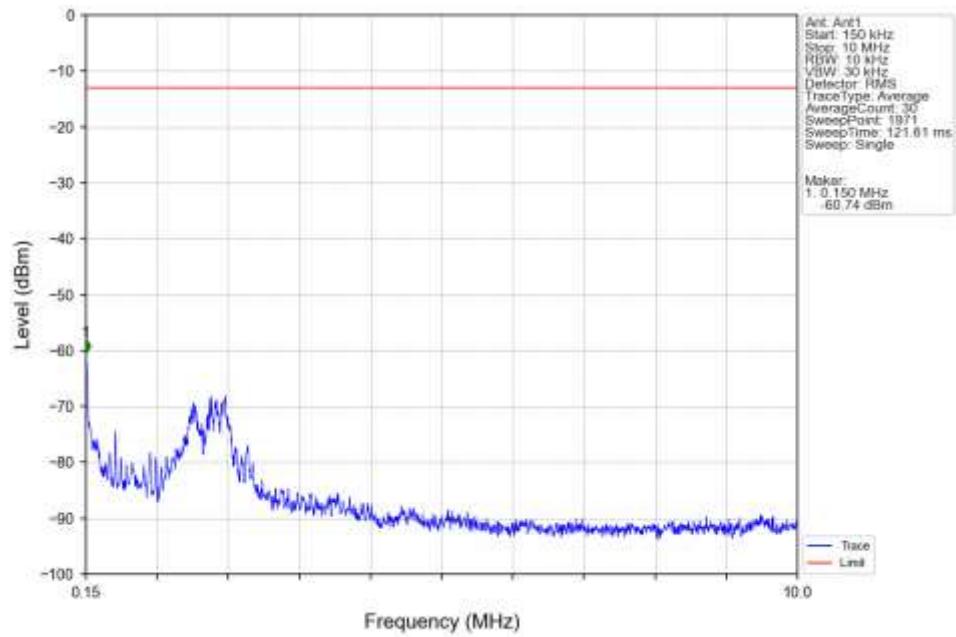
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



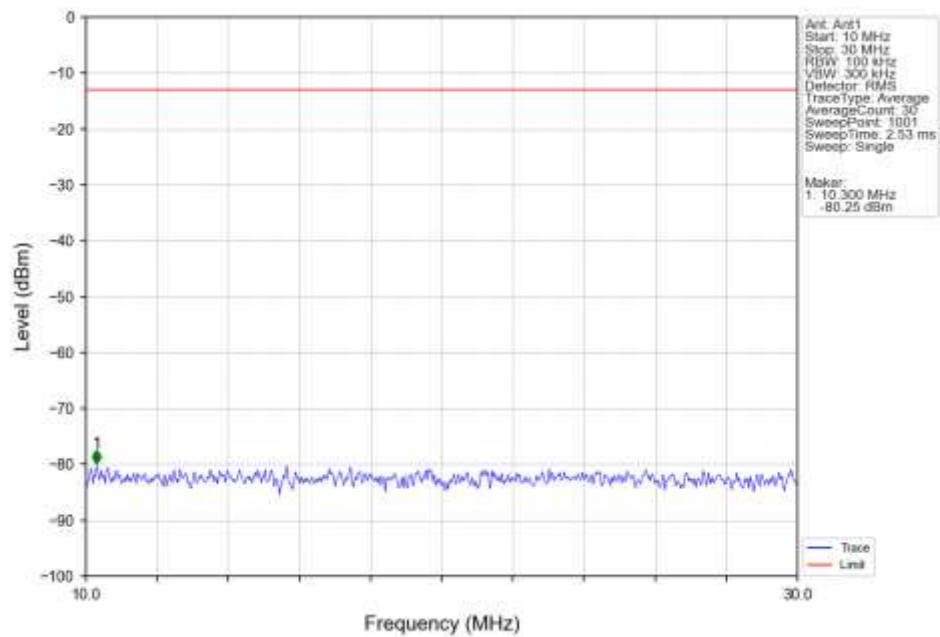
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTV



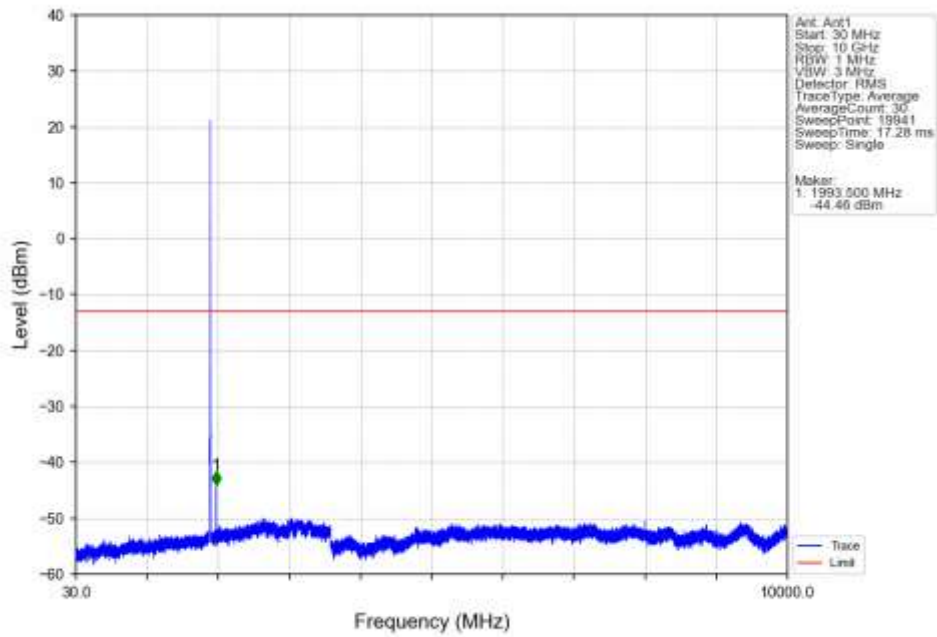
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTNV



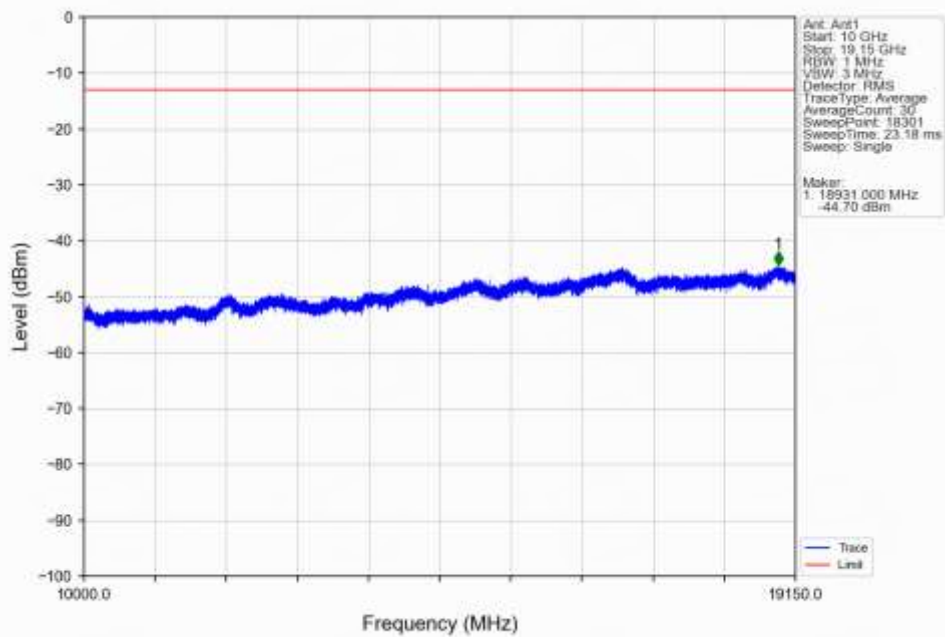
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTNV



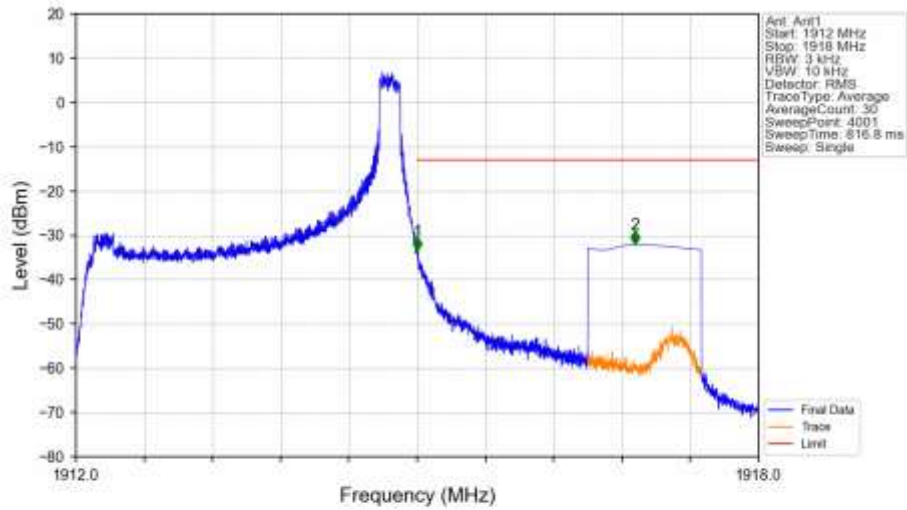
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTV



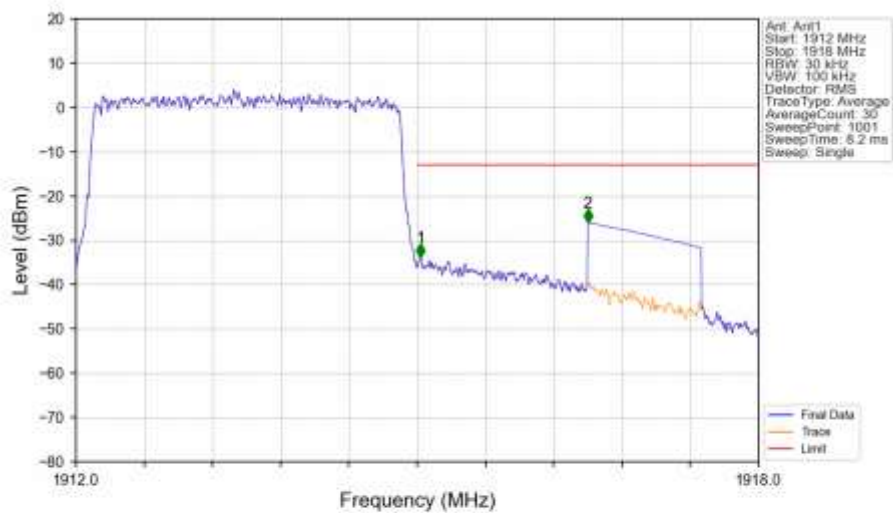
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTV



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

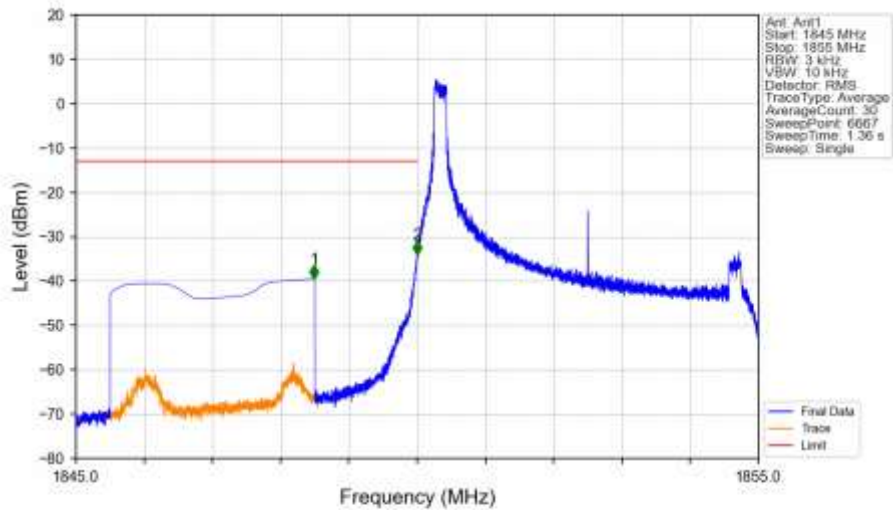


Band25 3MHz 16QAM HCH 1913.5MHz RB 15 0 NTNV

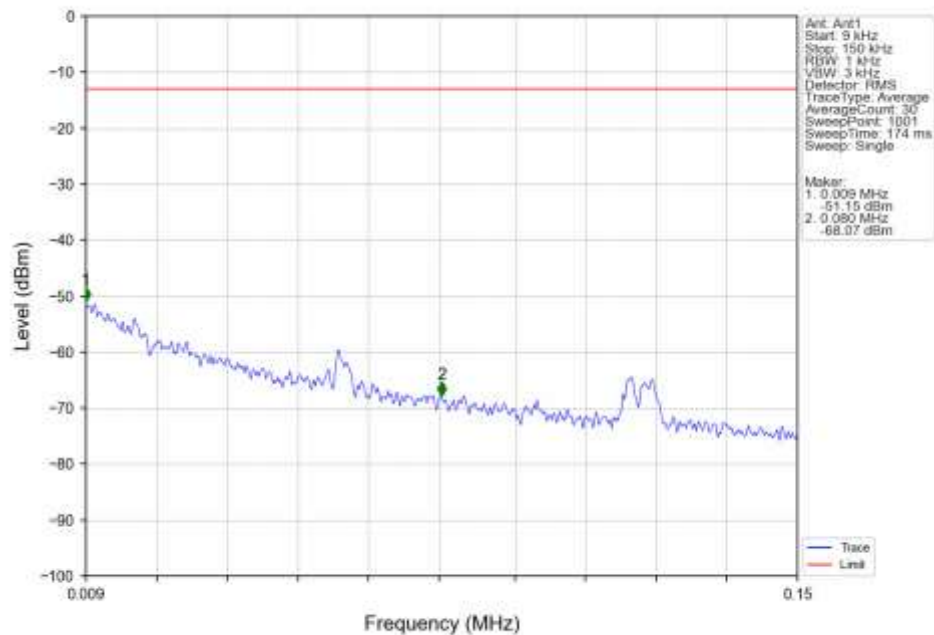


### 6.2.3 B25\_5MHz

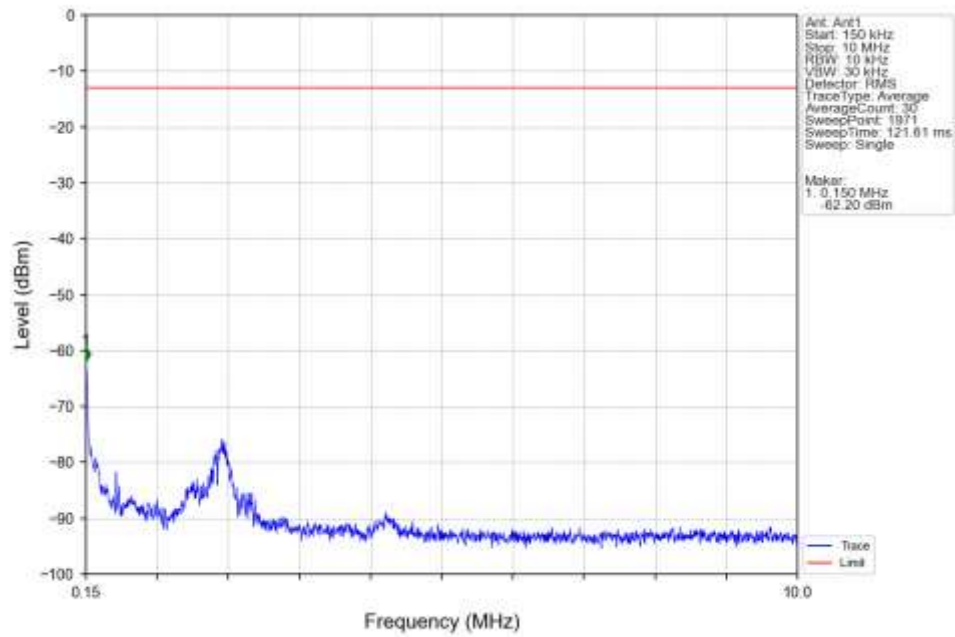
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



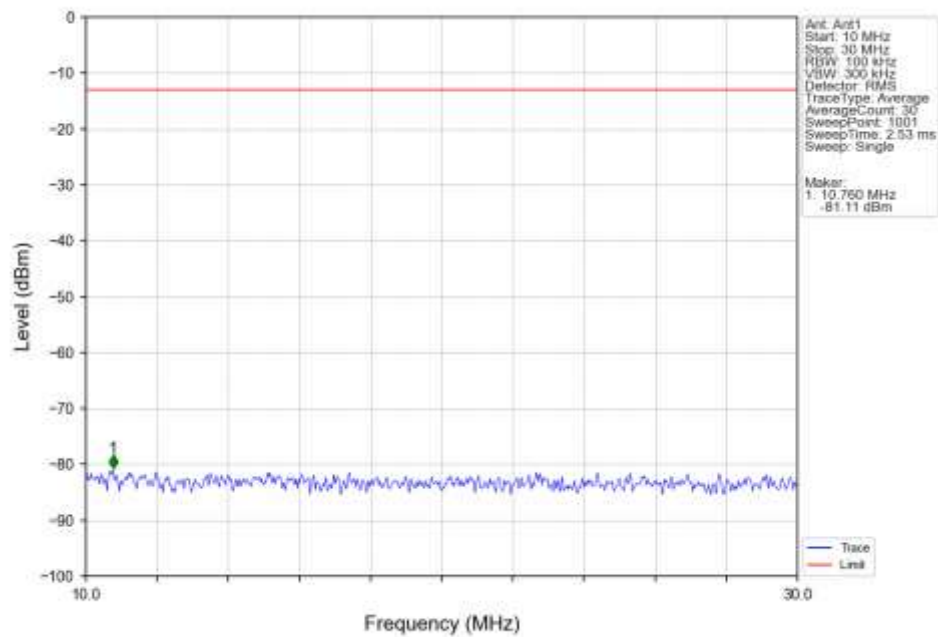
Band25\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



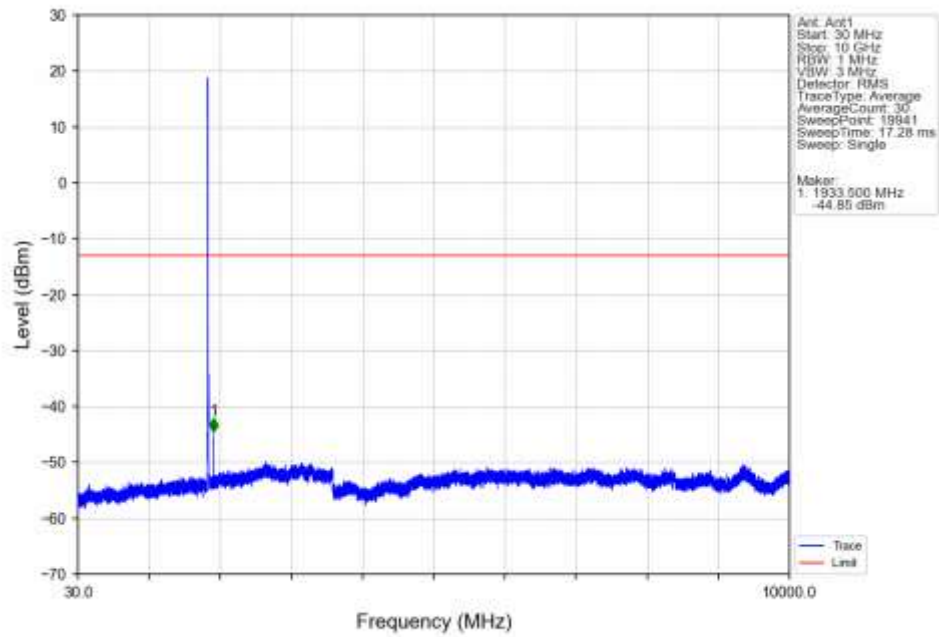
Band25 5MHz QPSK LCH 1852.5MHz RB 1 0 NTNV



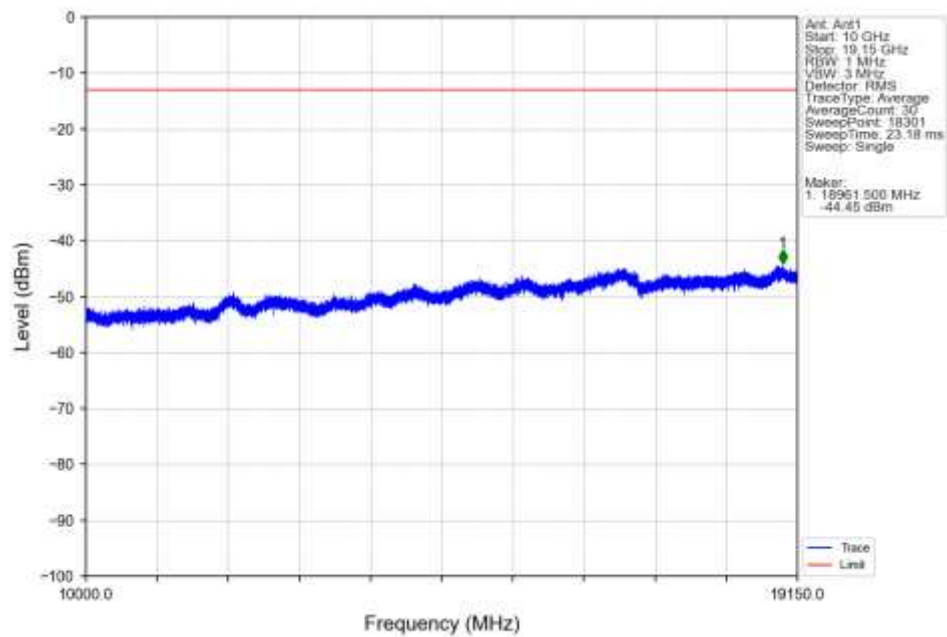
Band25 5MHz QPSK LCH 1852.5MHz RB 1 0 NTNV



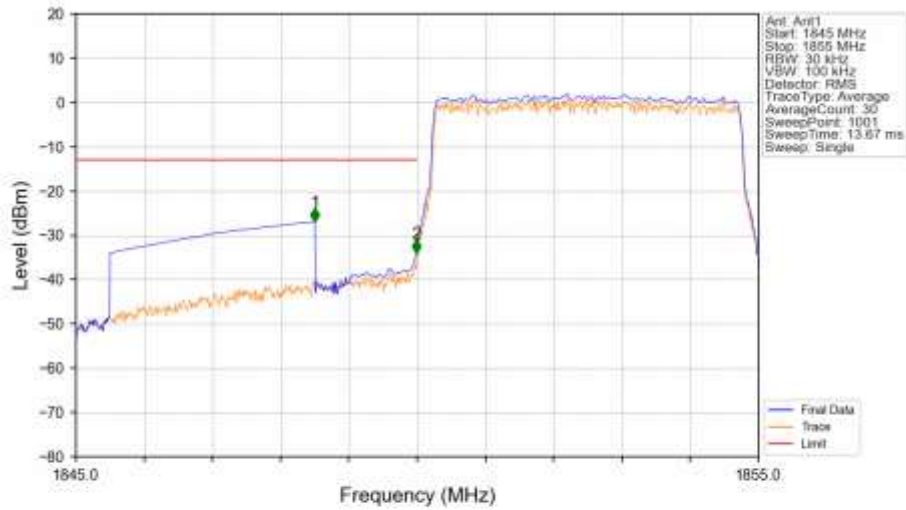
Band25 5MHz QPSK LCH 1852.5MHz RB 1 0 NTNV



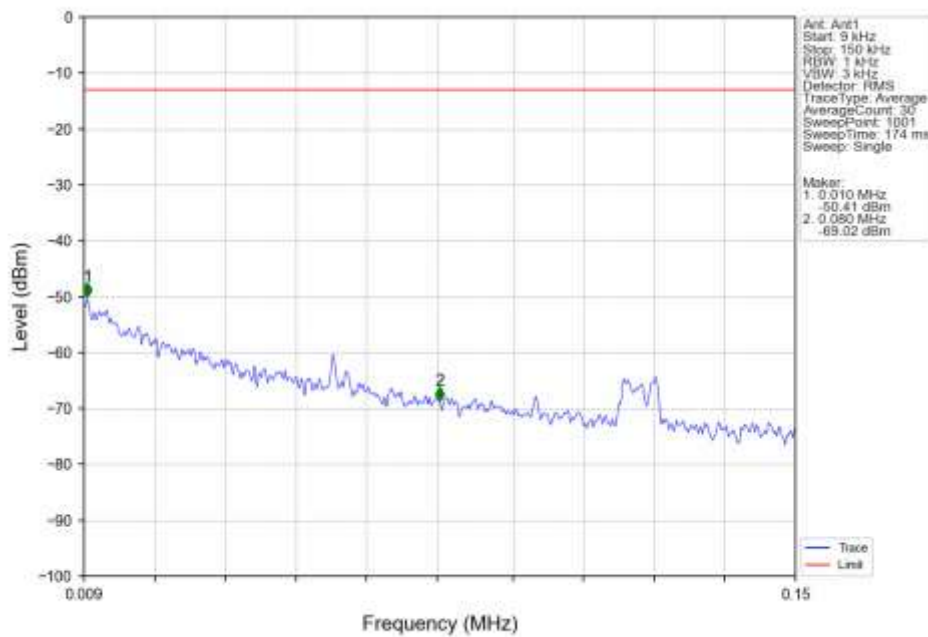
Band25 5MHz QPSK LCH 1852.5MHz RB 1 0 NTNV



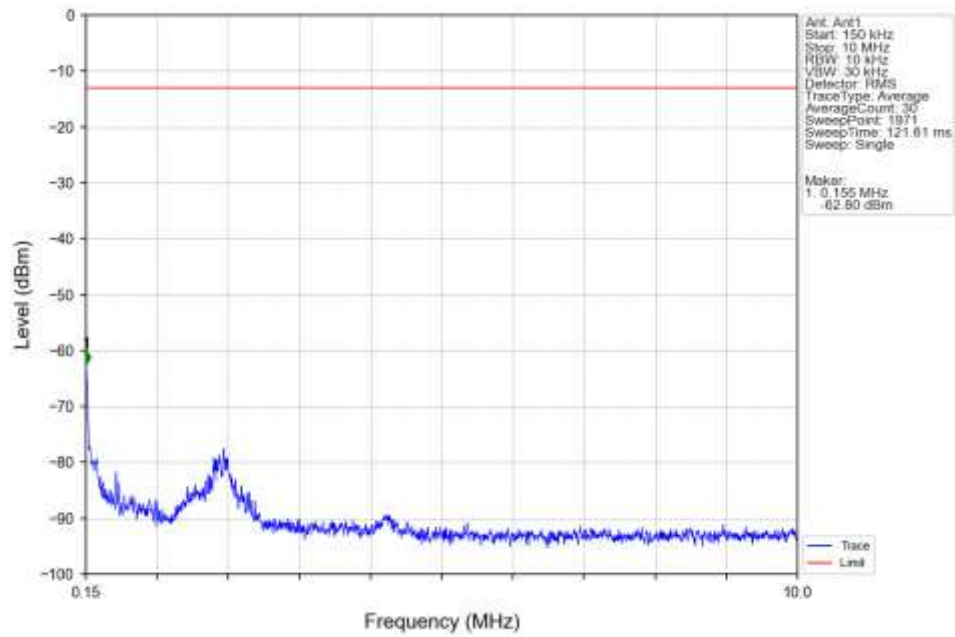
## Band25 5MHz QPSK LCH 1852.5MHz RB 25 0 NTV



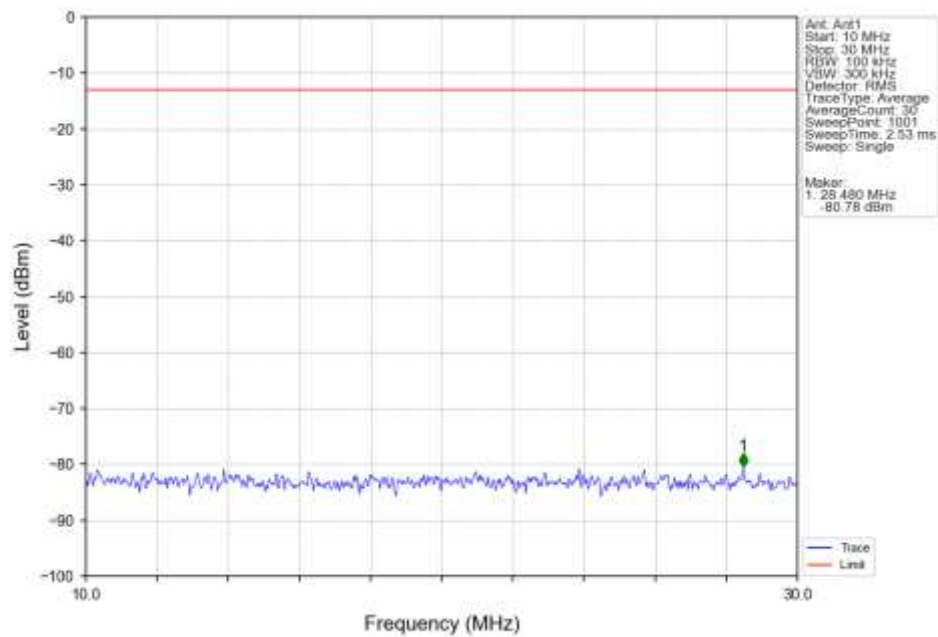
## Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTV



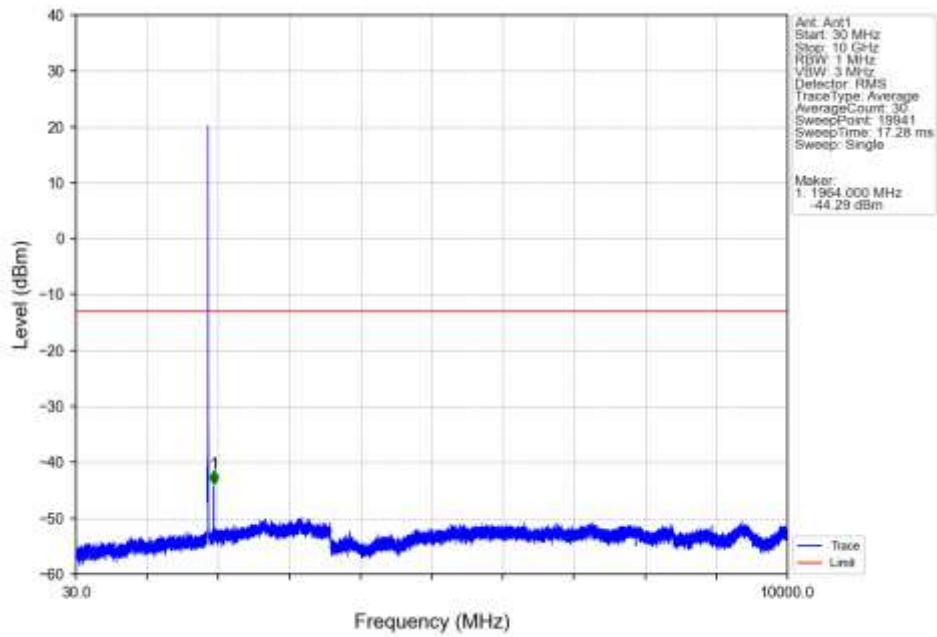
Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



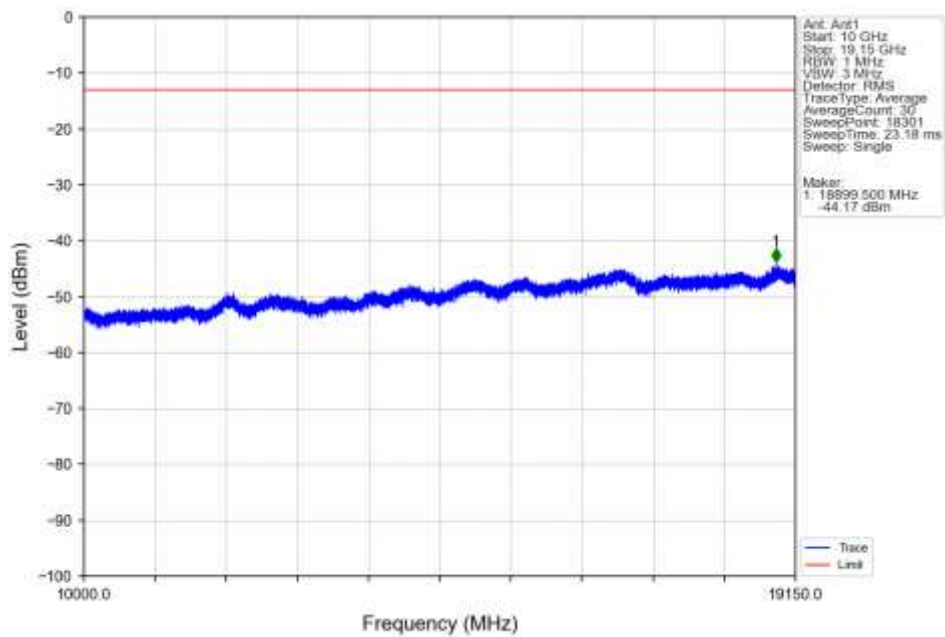
Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



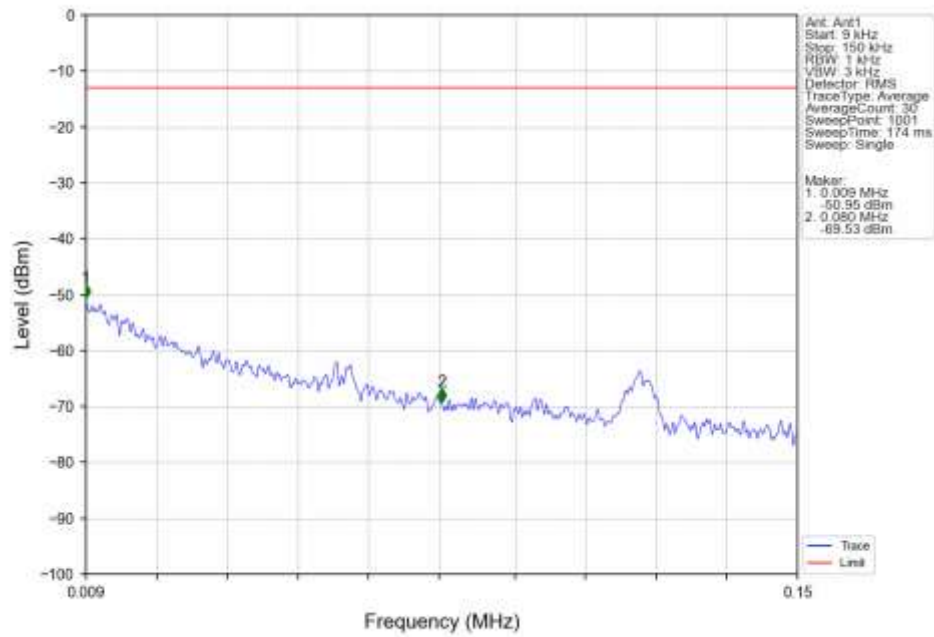
Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



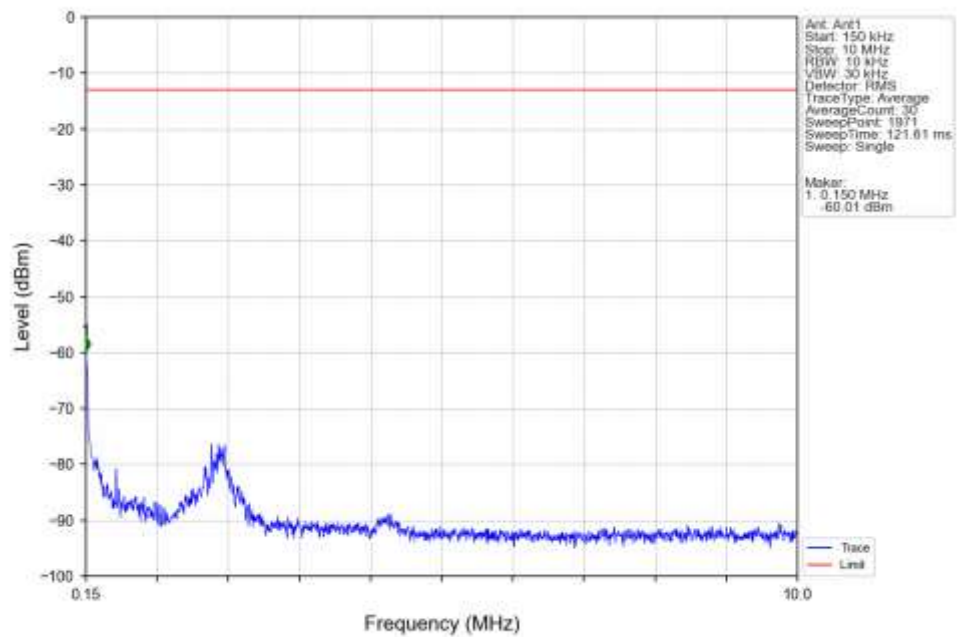
Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



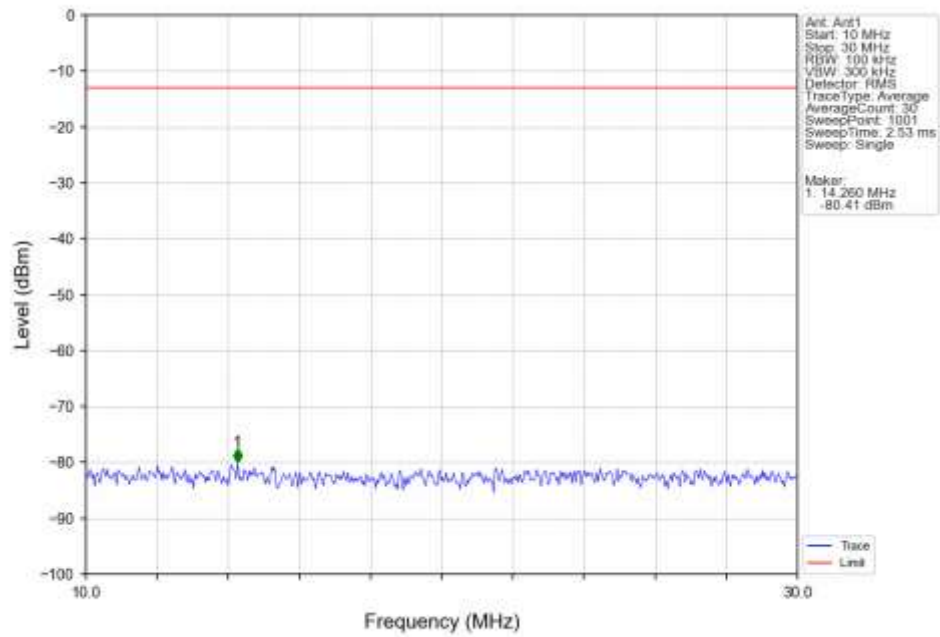
Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTV



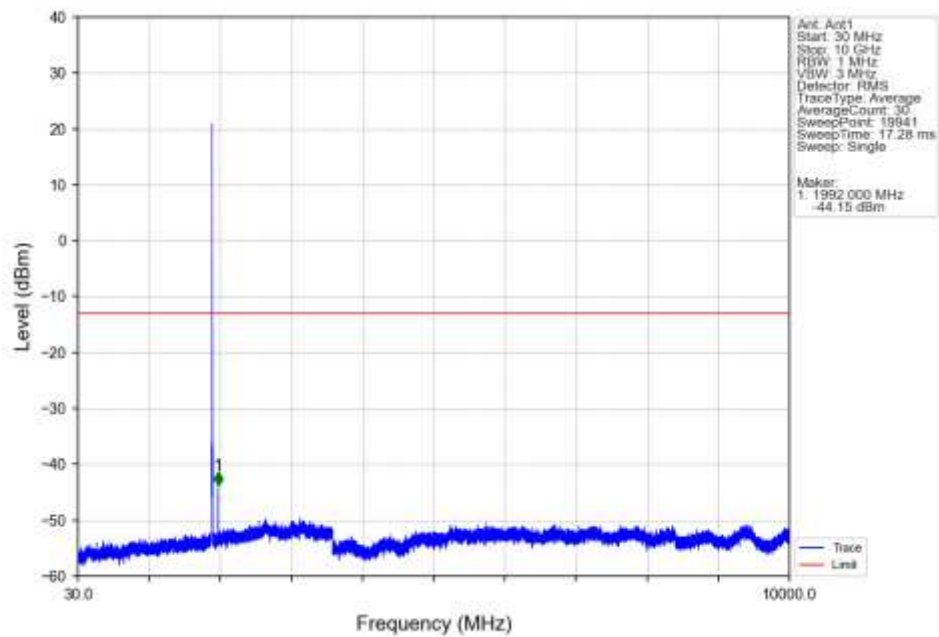
Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTV



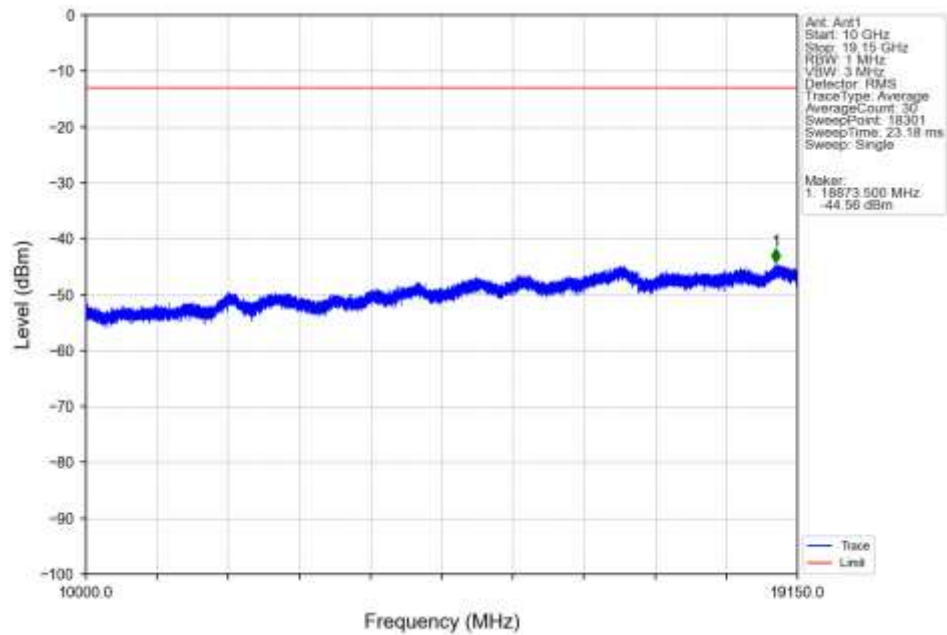
Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTV



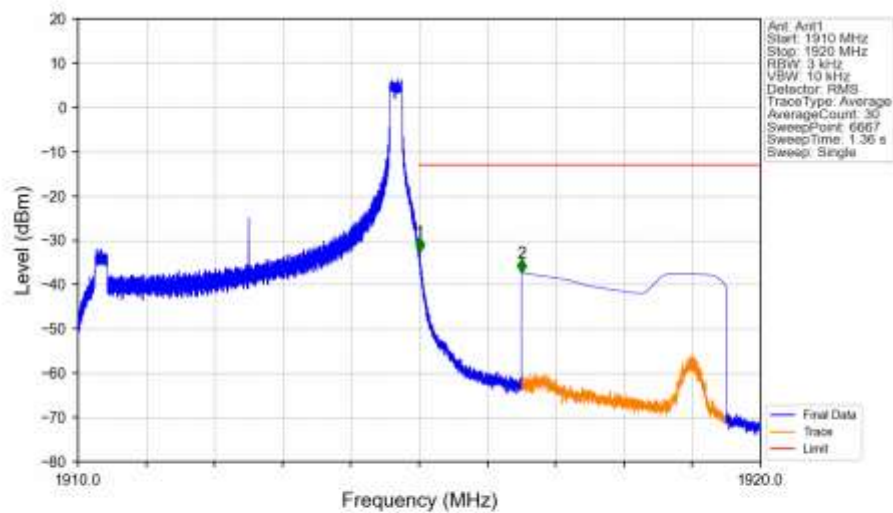
Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTV



Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTNV

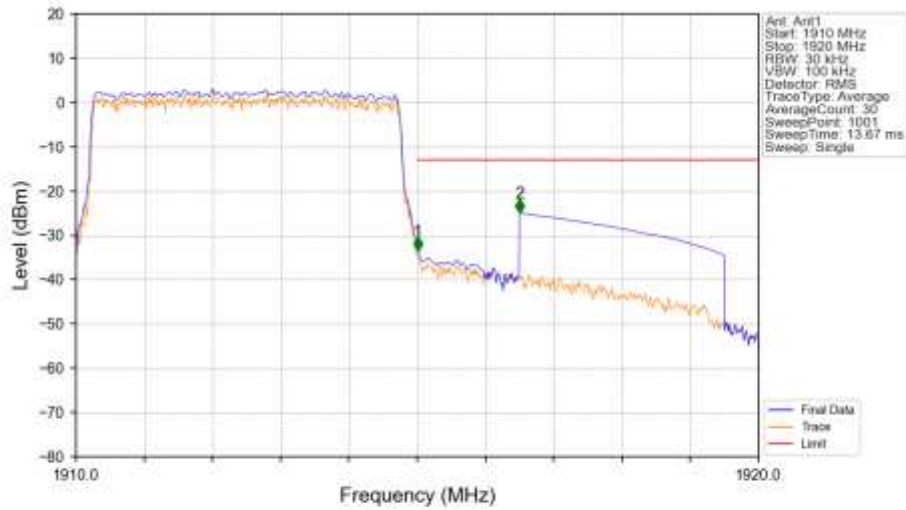


Band25 5MHz QPSK HCH 1912.5MHz RB 1 24 NTNV



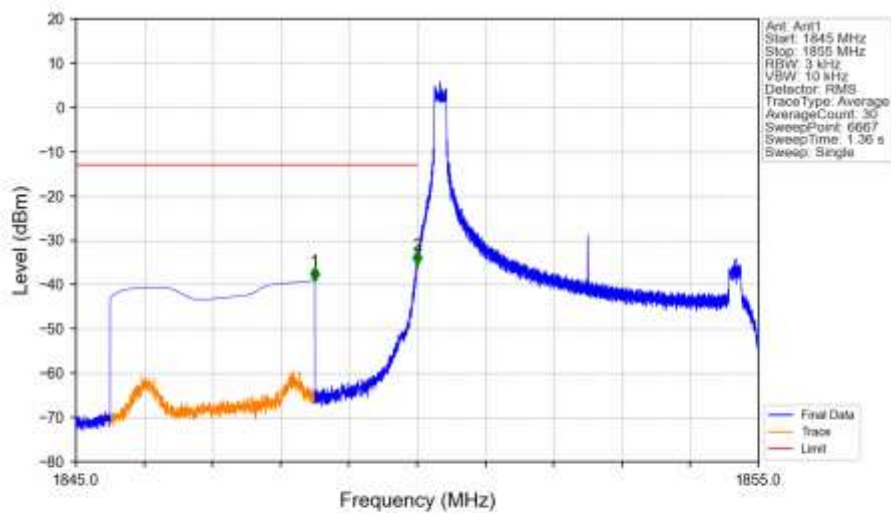
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1910        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.011   | -32.51      | -13         | Pass   |
| 1916        | 1920       | 1         | CHP    | 2          | 1916.500   | -37.30      | -13         | Pass   |

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



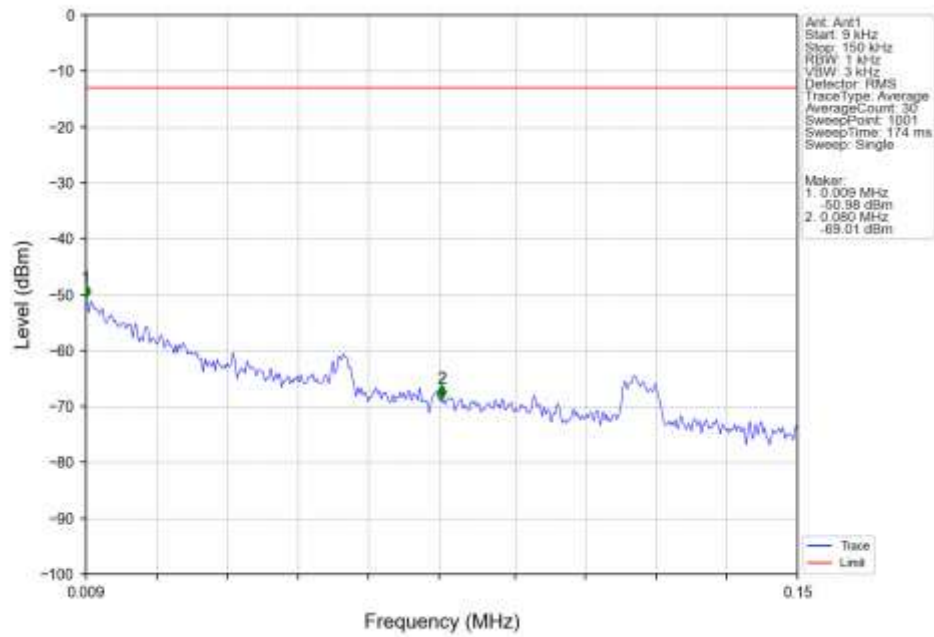
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1910        | 1915       | 0.05      | CHP    | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.05      | CHP    | 1          | 1915.010   | -33.57      | -13         | Pass   |
| 1916        | 1920       | 1         | CHP    | 2          | 1916.500   | -24.97      | -13         | Pass   |

## Band25 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTNV

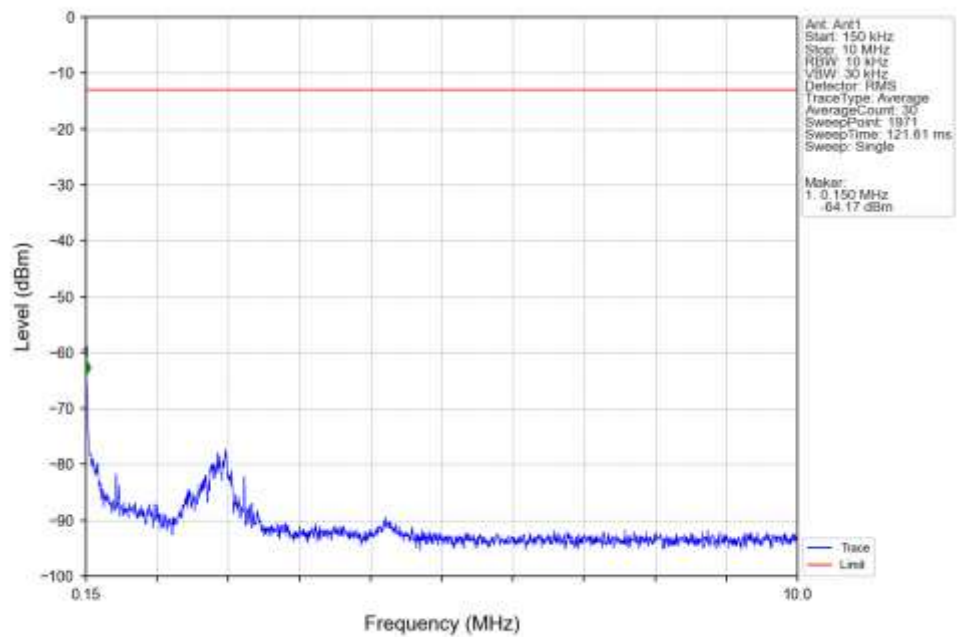


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1848.495   | -39.09      | -13         | Pass   |
| 1849        | 1850       | 0.003     | /      | 2          | 1849.998   | -35.52      | -13         | Pass   |
| 1850        | 1855       | 0.003     | /      | /          | /          | /           | /           | /      |

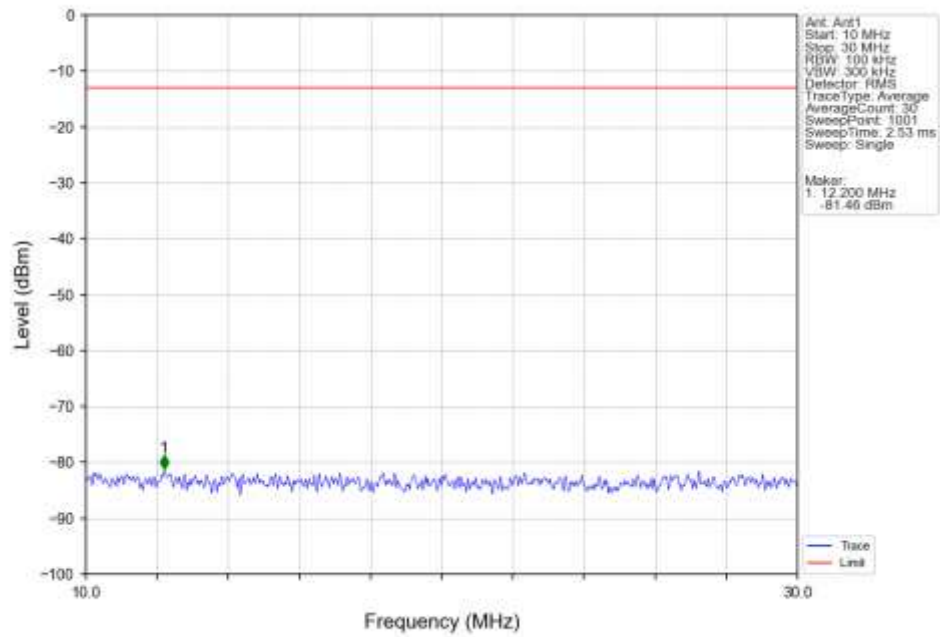
Band25 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTV



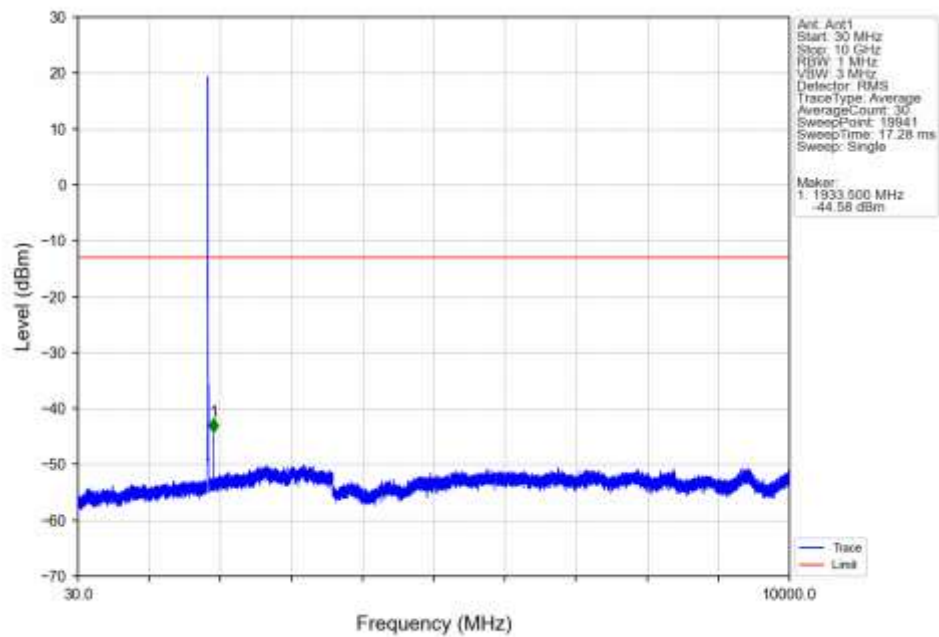
Band25 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTV



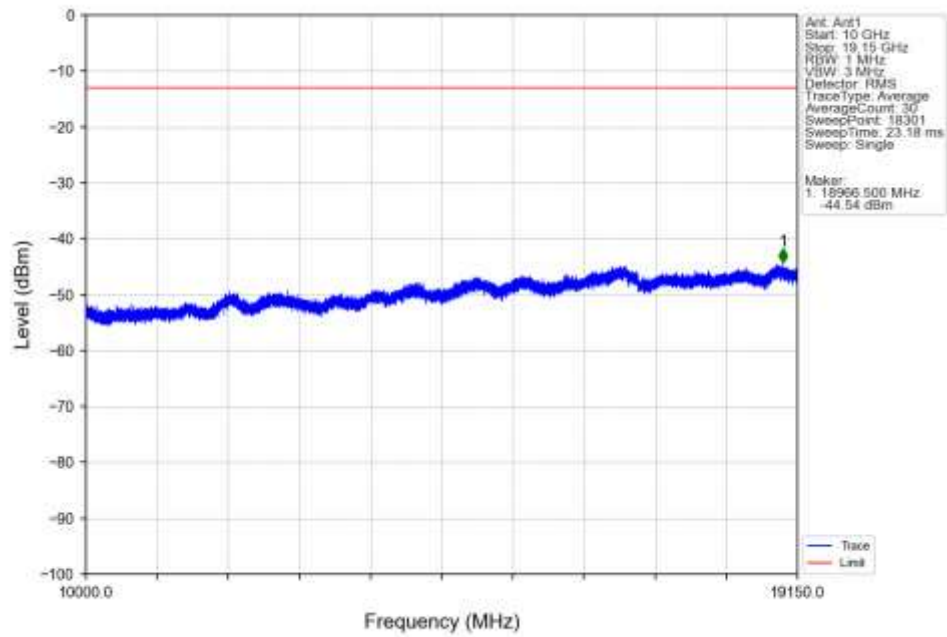
Band25 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTNV



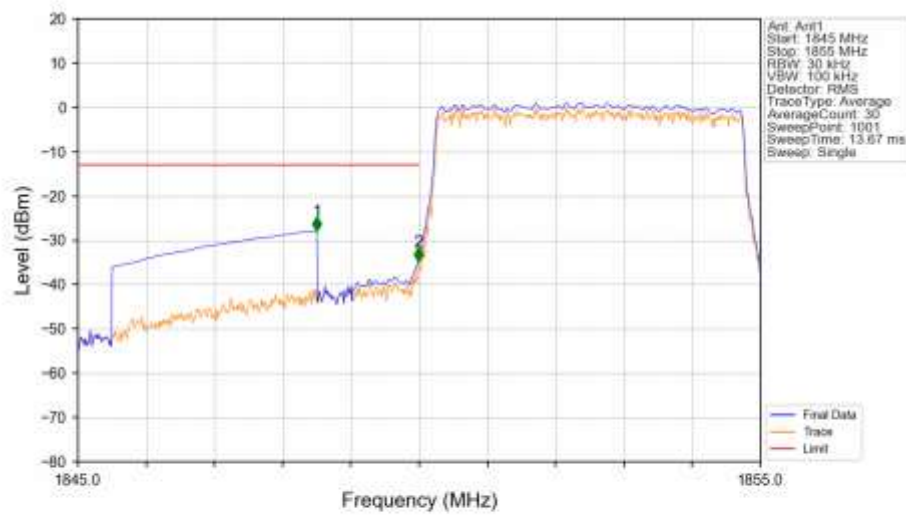
Band25 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTNV



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

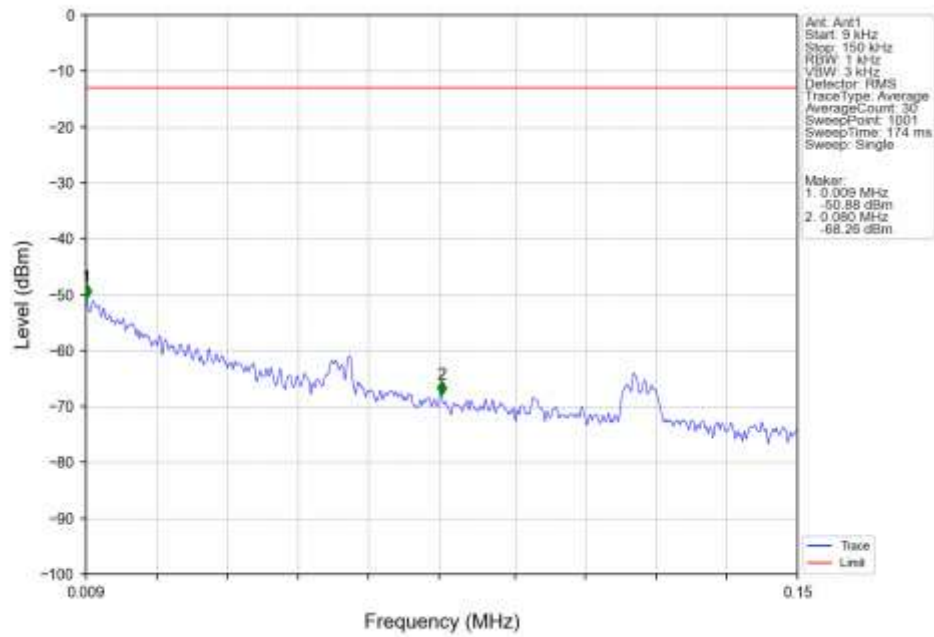


Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV

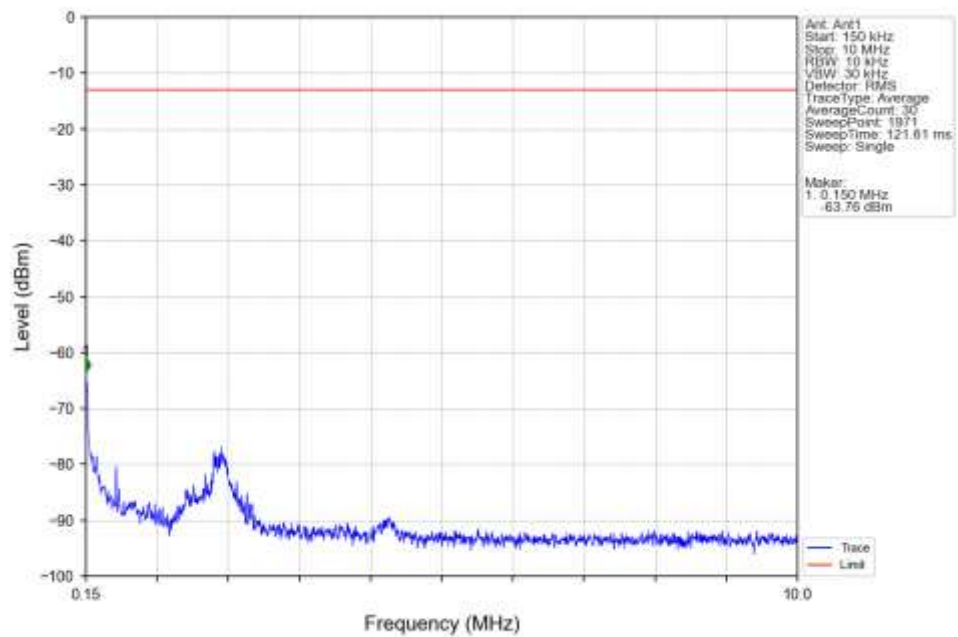


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1845        | 1849       | 1         | CHP    | 1          | 1848.500   | -27.85      | -13         | Pass   |
| 1849        | 1850       | 0.051     | CHP    | 2          | 1849.990   | -34.74      | -13         | Pass   |
| 1850        | 1855       | 0.051     | CHP    | /          | /          | /           | /           | /      |

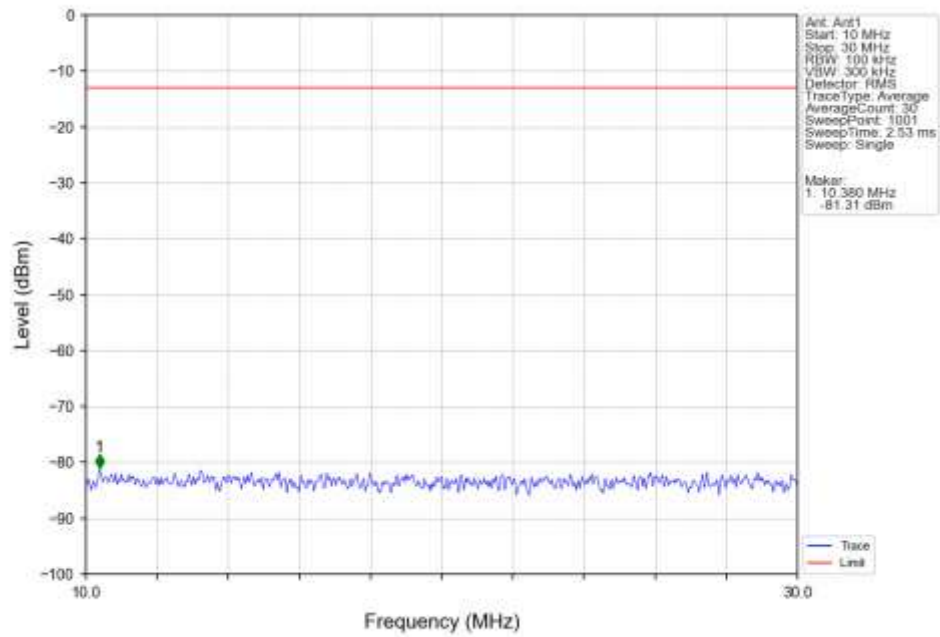
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



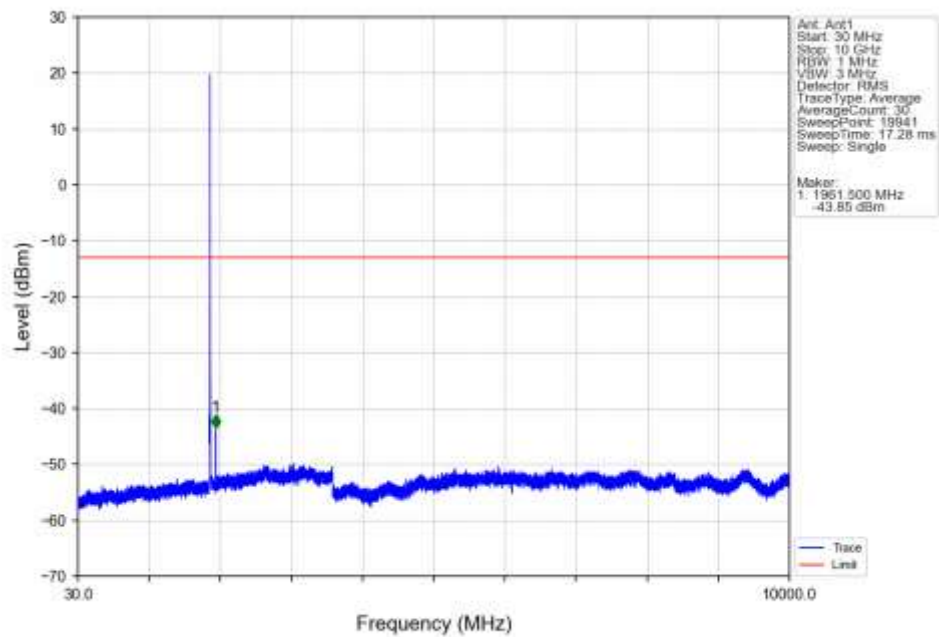
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



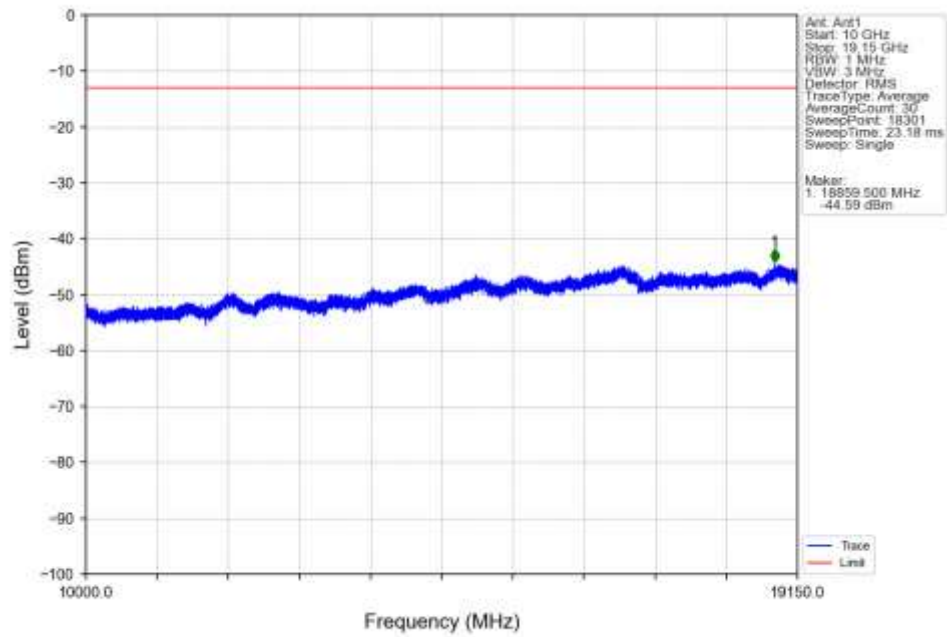
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



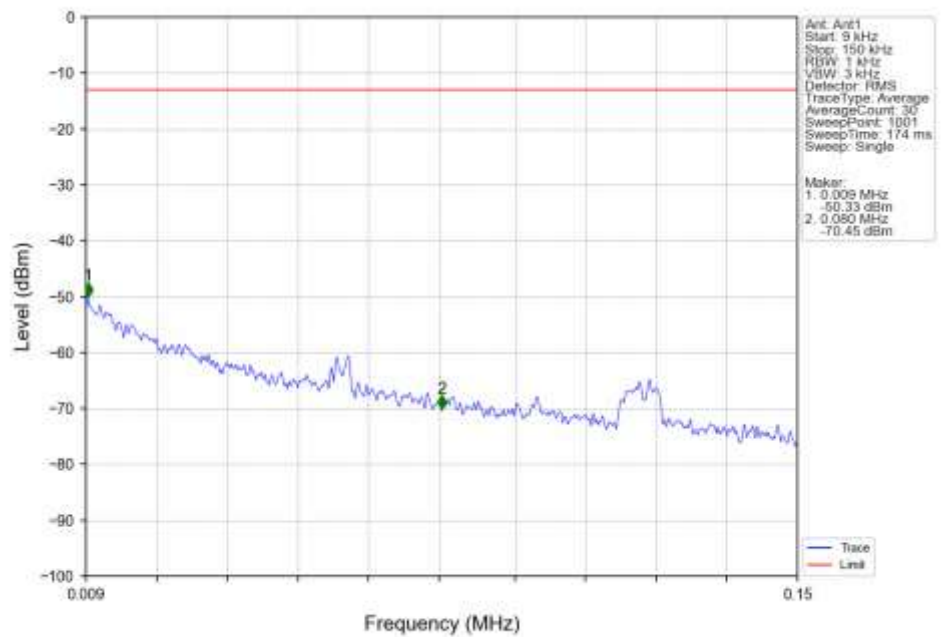
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



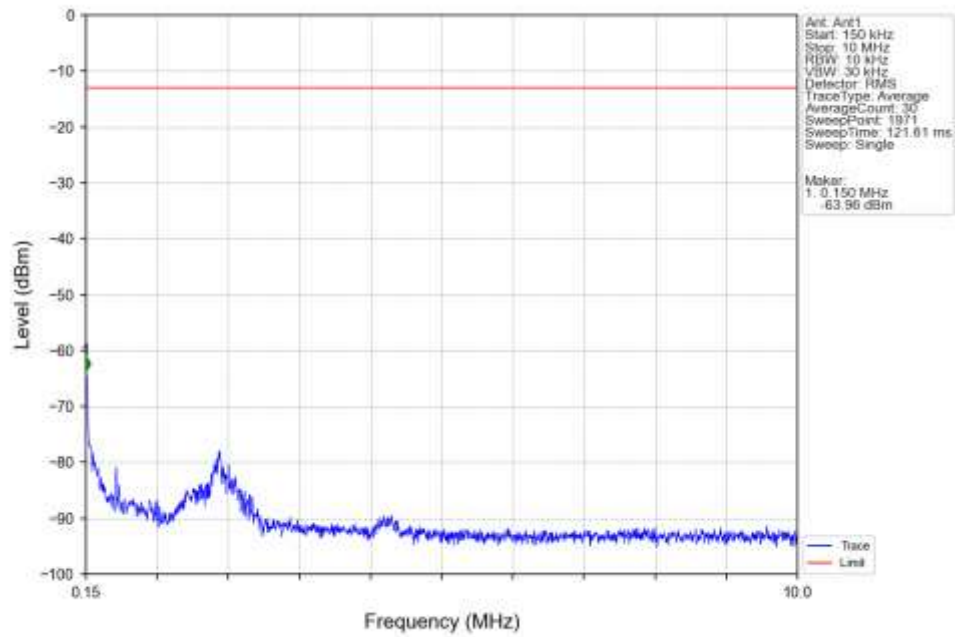
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



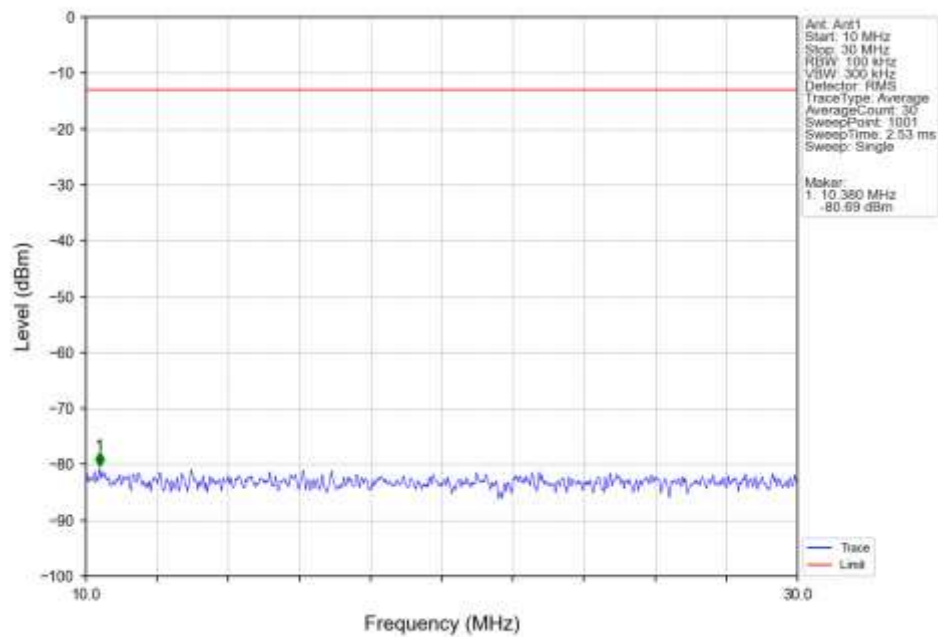
Band25 5MHz 16QAM HCH 1912.5MHz RB 1 0 NTNV



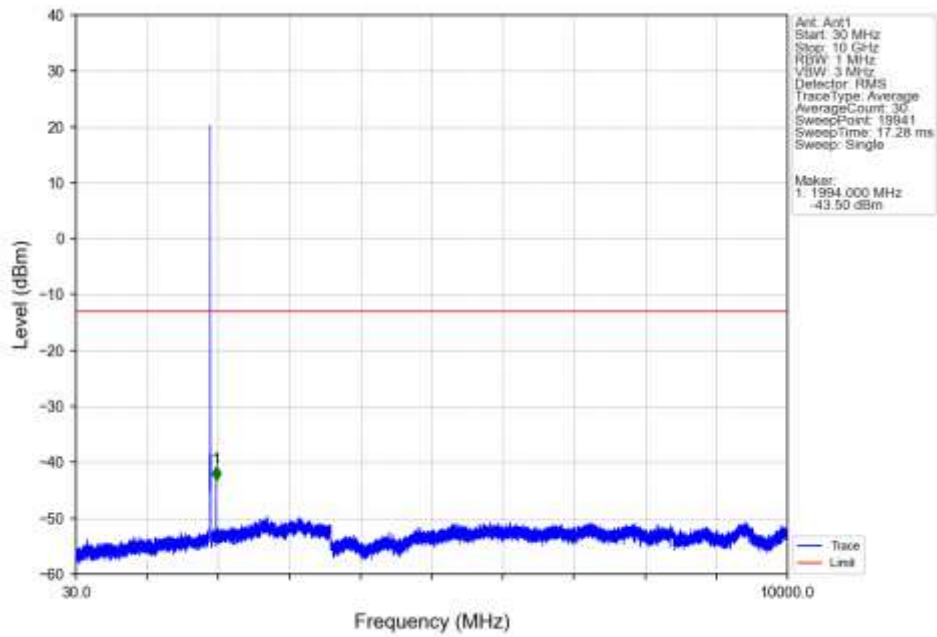
Band25 5MHz 16QAM HCH 1912.5MHz RB 1 0 NTV



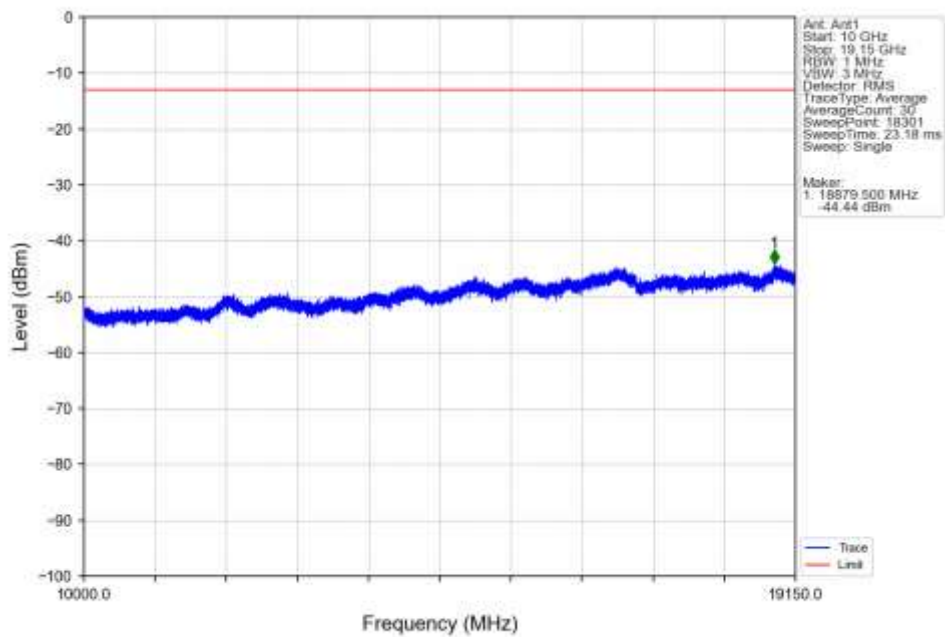
Band25 5MHz 16QAM HCH 1912.5MHz RB 1 0 NTV



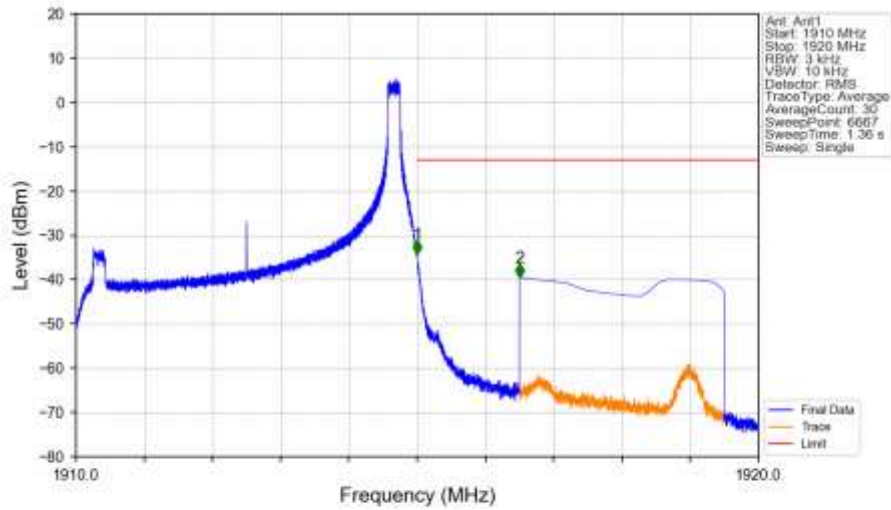
Band25 5MHz 16QAM HCH 1912.5MHz RB 1 0 NTV



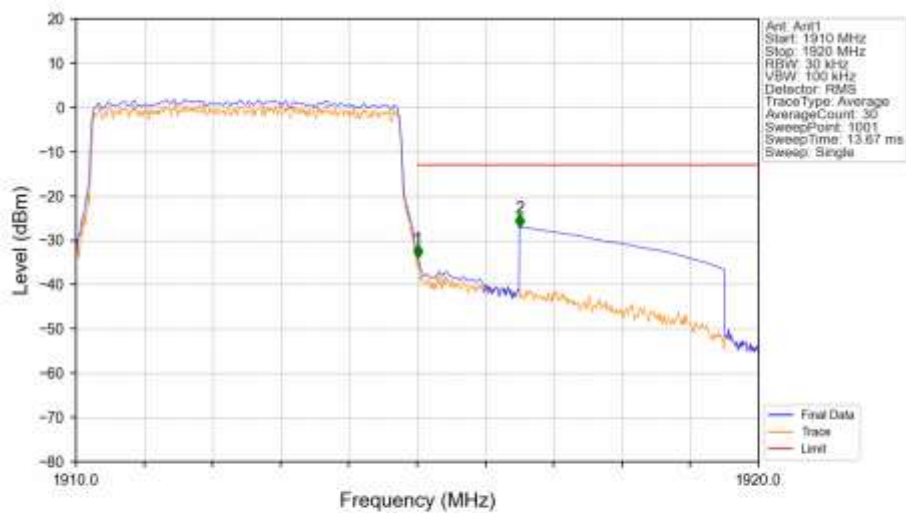
Band25 5MHz 16QAM HCH 1912.5MHz RB 1 0 NTV



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

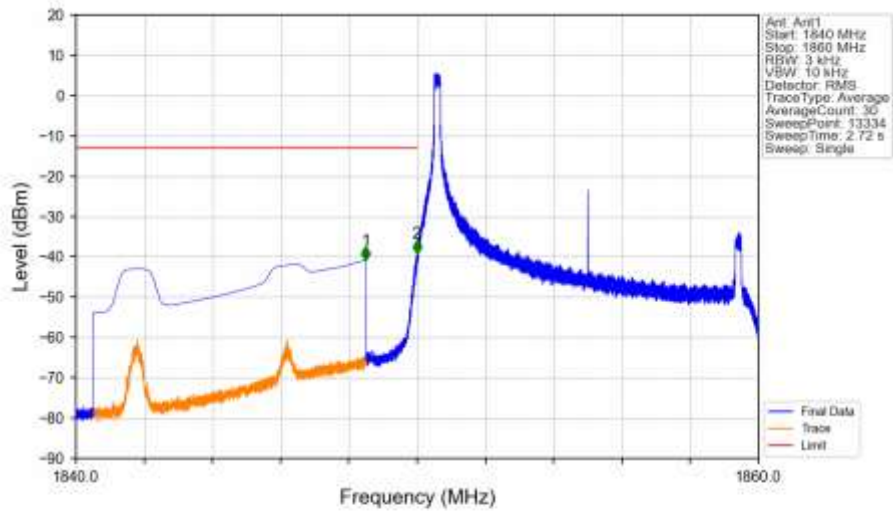


Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTNV



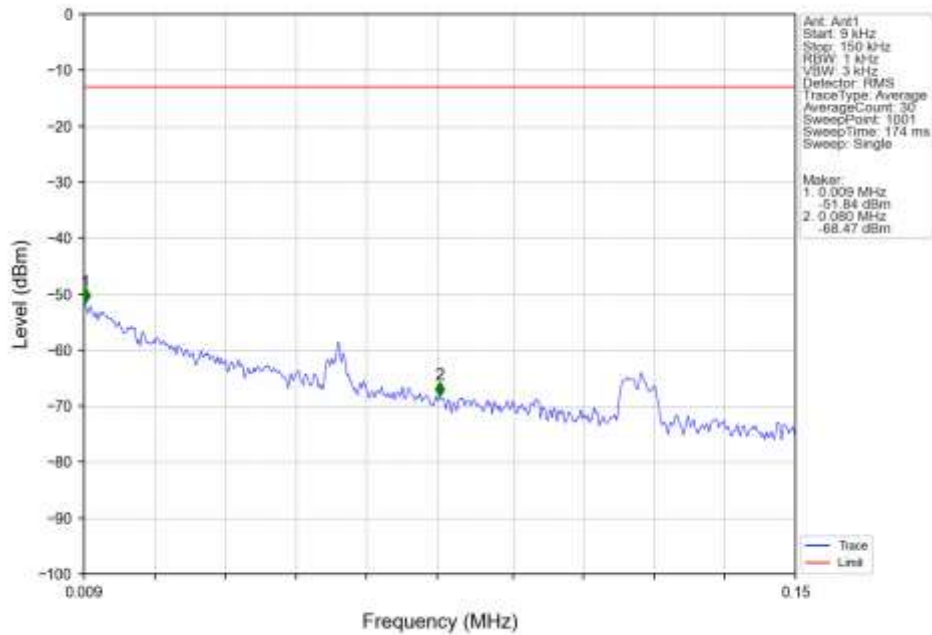
### 6.2.4 B25\_10MHz

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

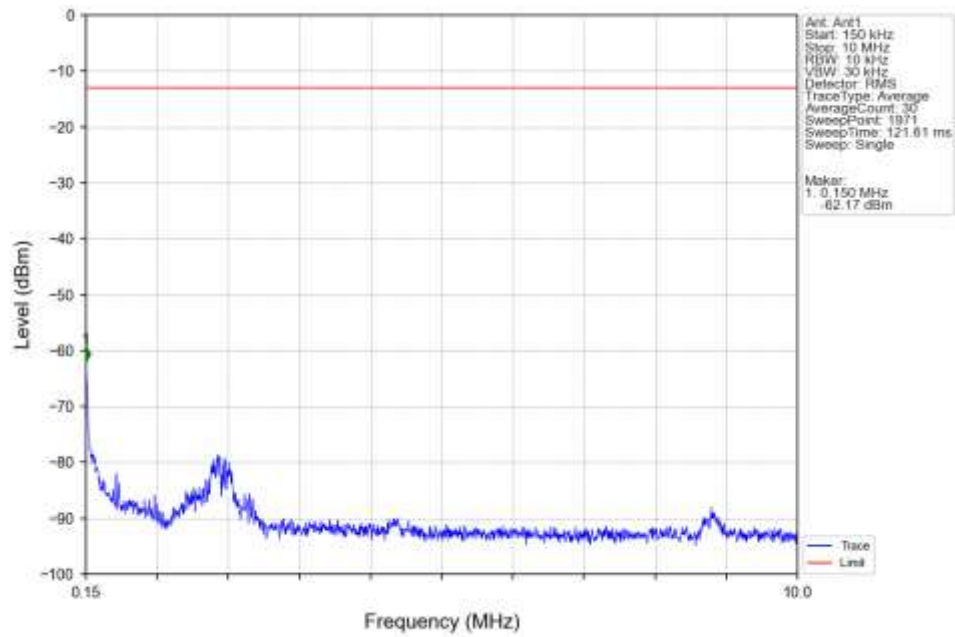


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1840        | 1849       | 1         | CHP    | 1          | 1848.496   | -40.91      | -13         | Pass   |
| 1849        | 1850       | 0.003     | /      | 2          | 1849.989   | -39.15      | -13         | Pass   |
| 1850        | 1860       | 0.003     | /      | /          | /          | /           | /           | /      |

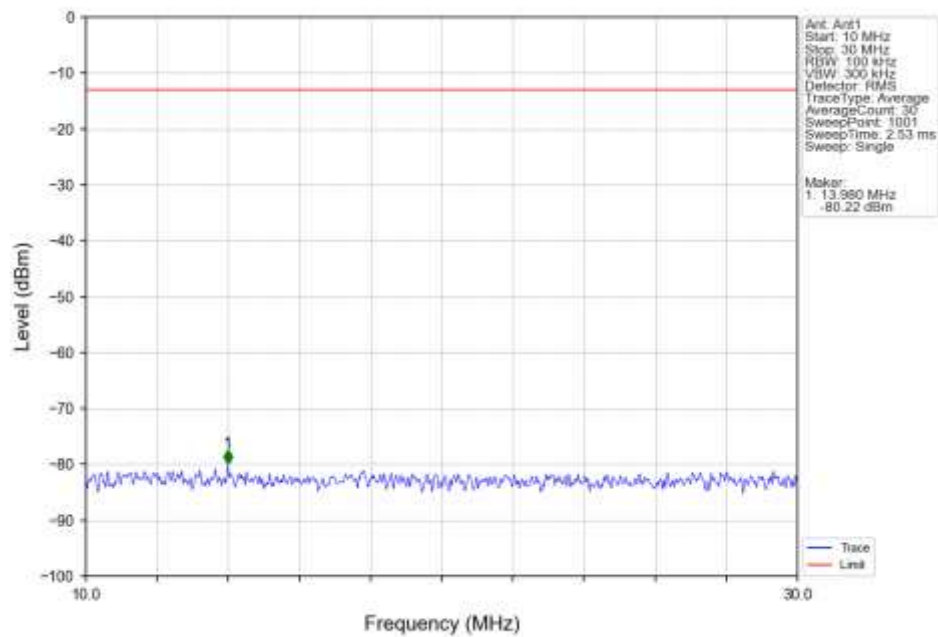
Band25\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_1\_0\_NTNV



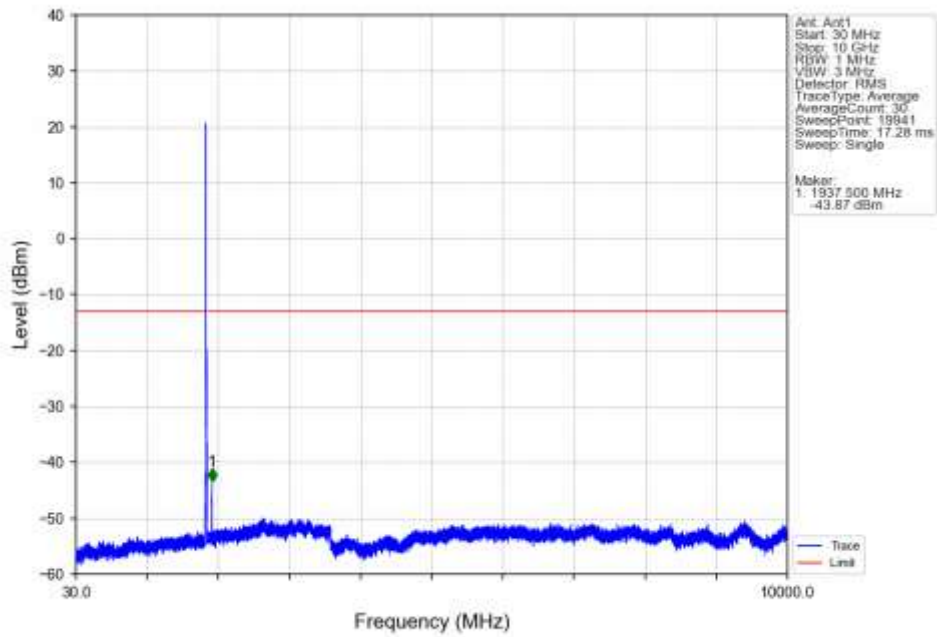
Band25 10MHz QPSK LCH 1855MHz RB 1 0 NTNV



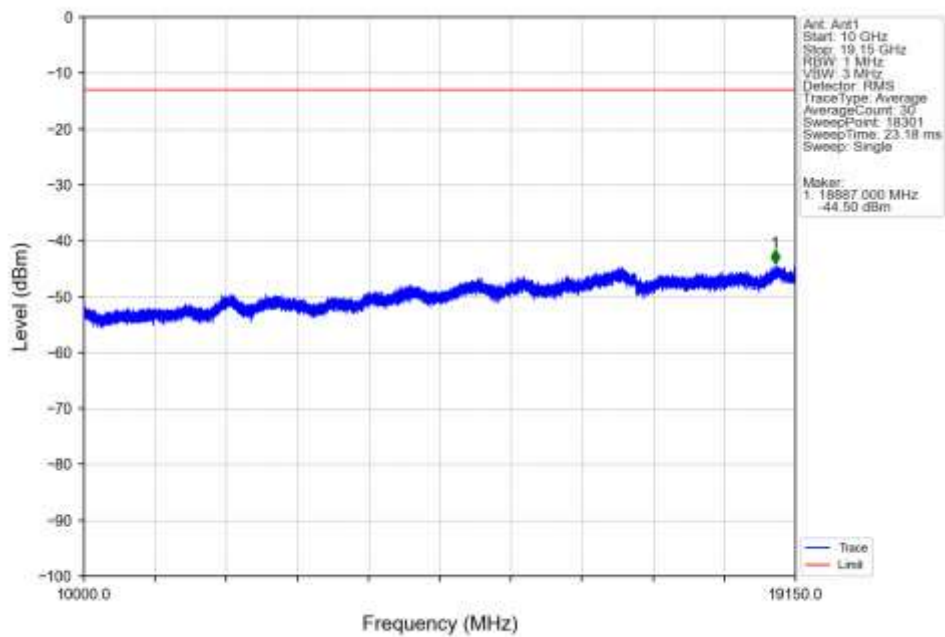
Band25 10MHz QPSK LCH 1855MHz RB 1 0 NTNV



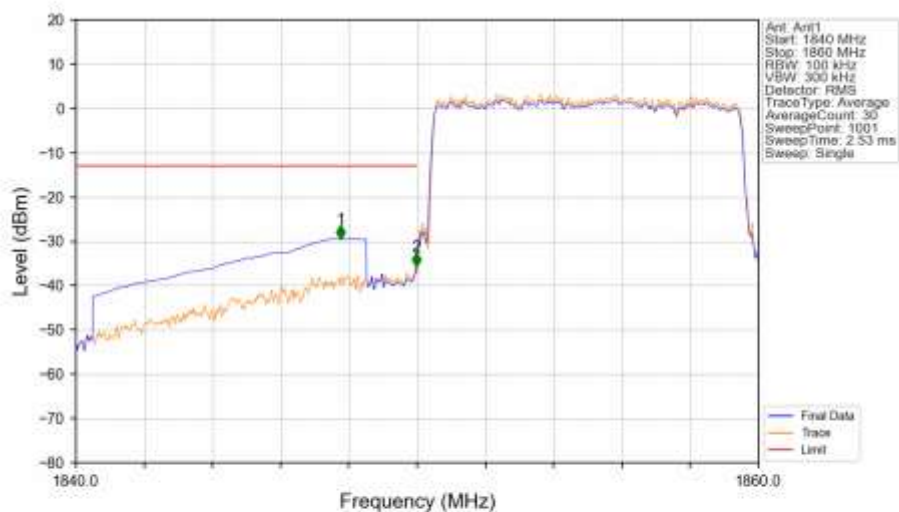
Band25 10MHz QPSK LCH 1855MHz RB 1 0 NTNV



Band25 10MHz QPSK LCH 1855MHz RB 1 0 NTNV

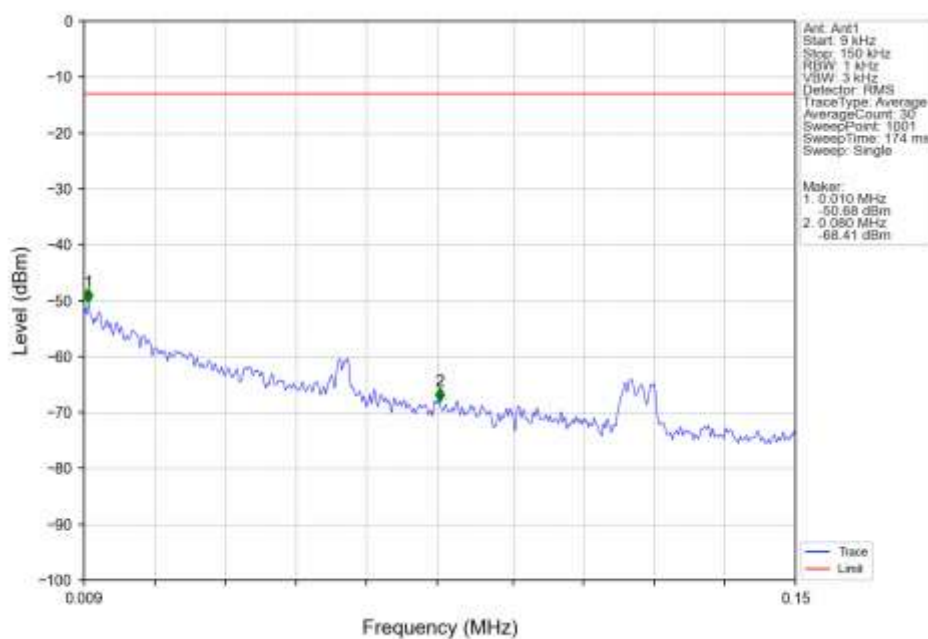


Band25 10MHz QPSK LCH 1855MHz RB 50 0 NTV

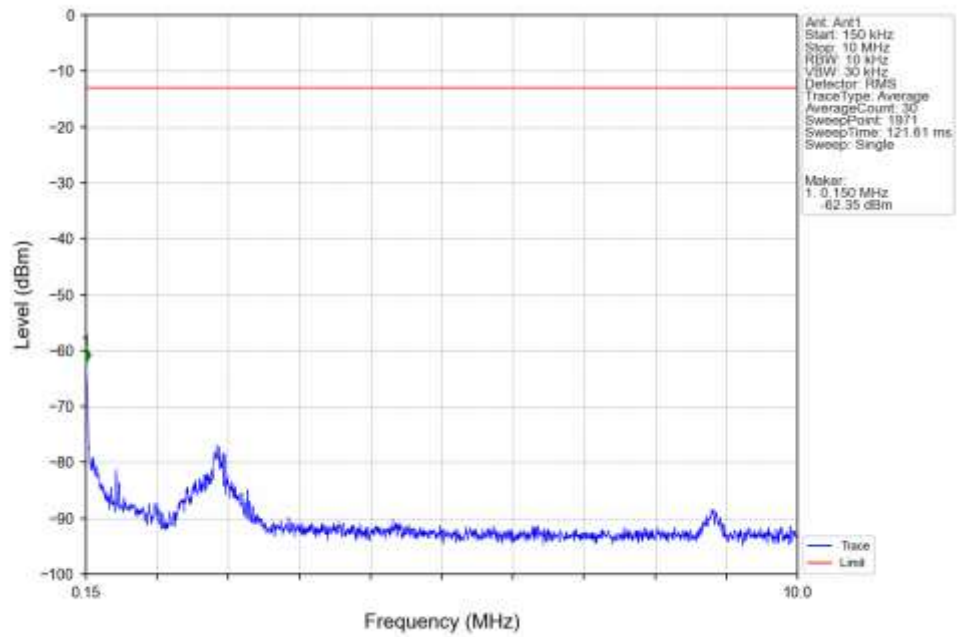


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1840        | 1849       | 1         | CHP    | 1          | 1847.760   | -29.43      | -13         | Pass   |
| 1849        | 1850       | 0.101     | CHP    | 2          | 1849.980   | -35.75      | -13         | Pass   |
| 1850        | 1860       | 0.101     | CHP    | /          | /          | /           | /           | /      |

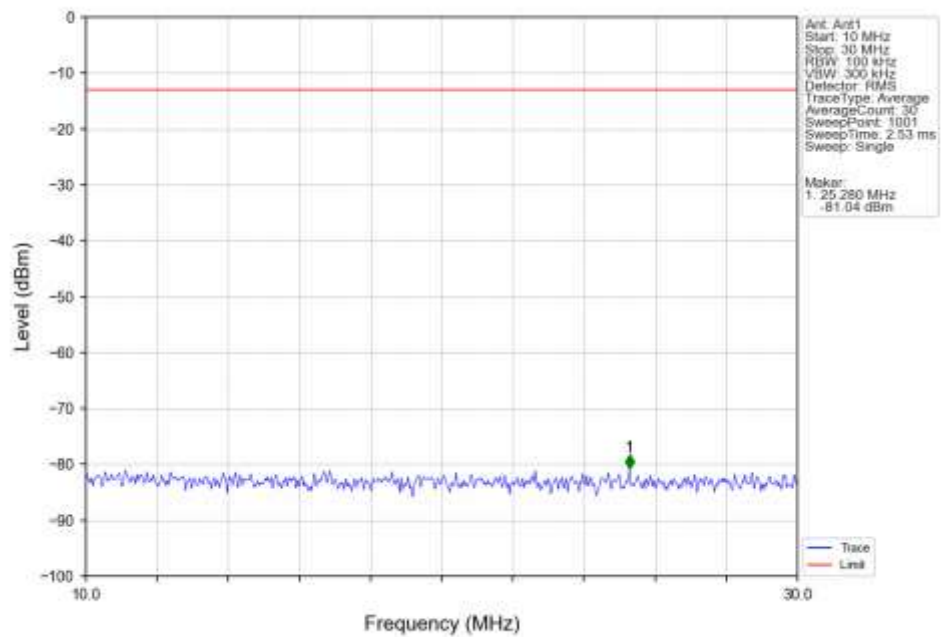
Band25 10MHz QPSK MCH 1882.5MHz RB 1 0 NTV



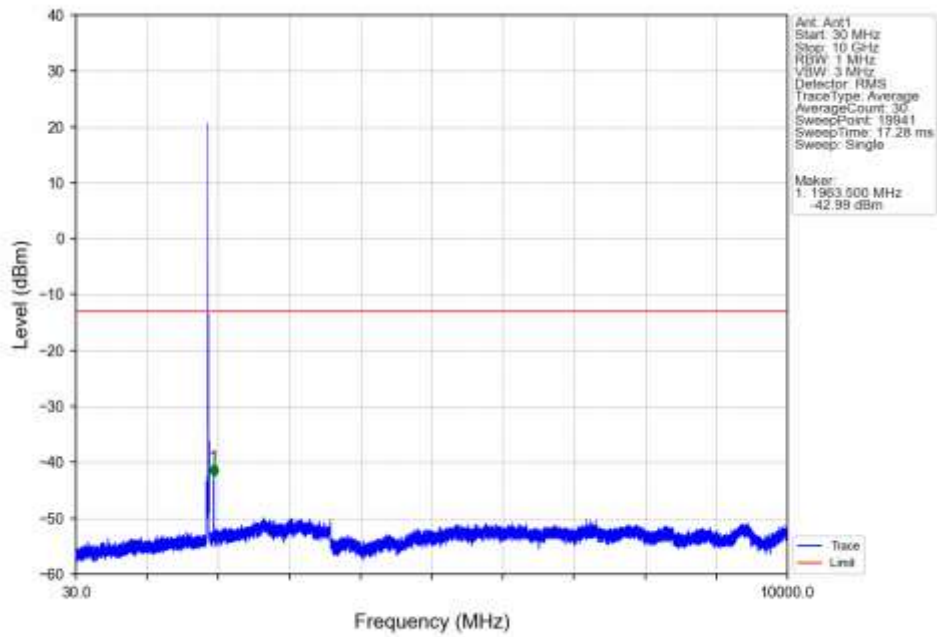
Band25 10MHz QPSK MCH 1882.5MHz RB 1 0 NTV



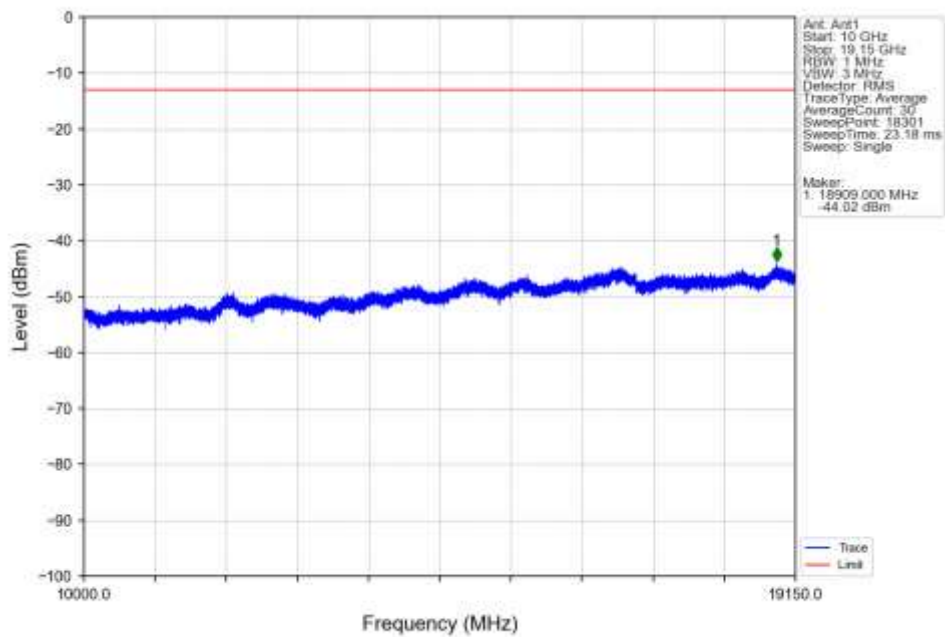
Band25 10MHz QPSK MCH 1882.5MHz RB 1 0 NTV



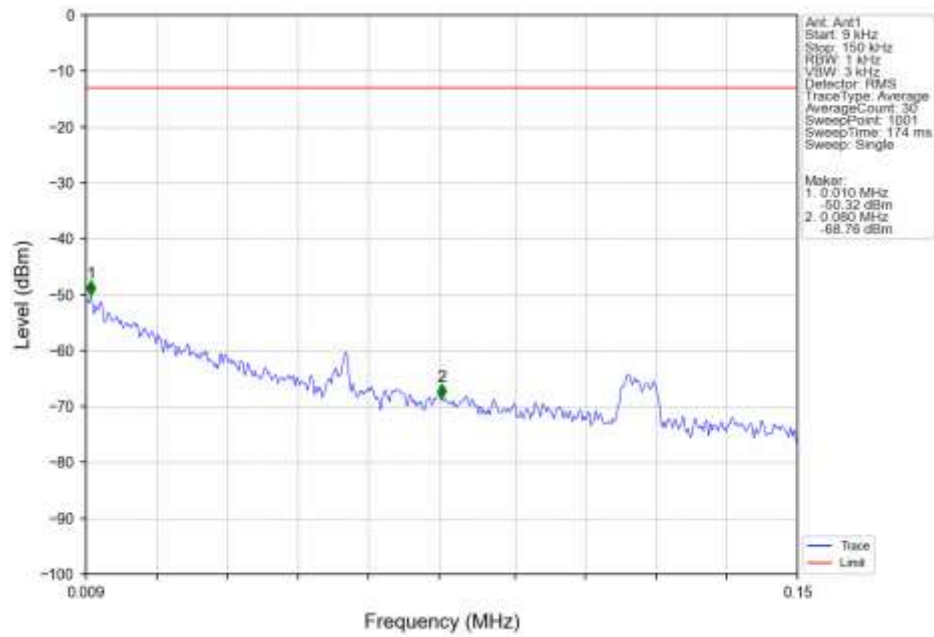
Band25 10MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



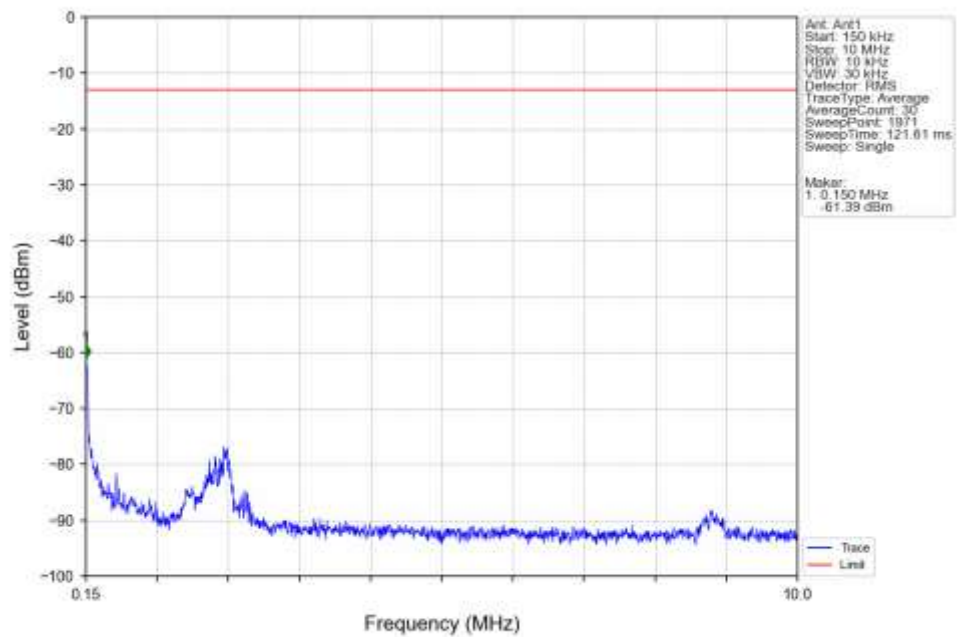
Band25 10MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



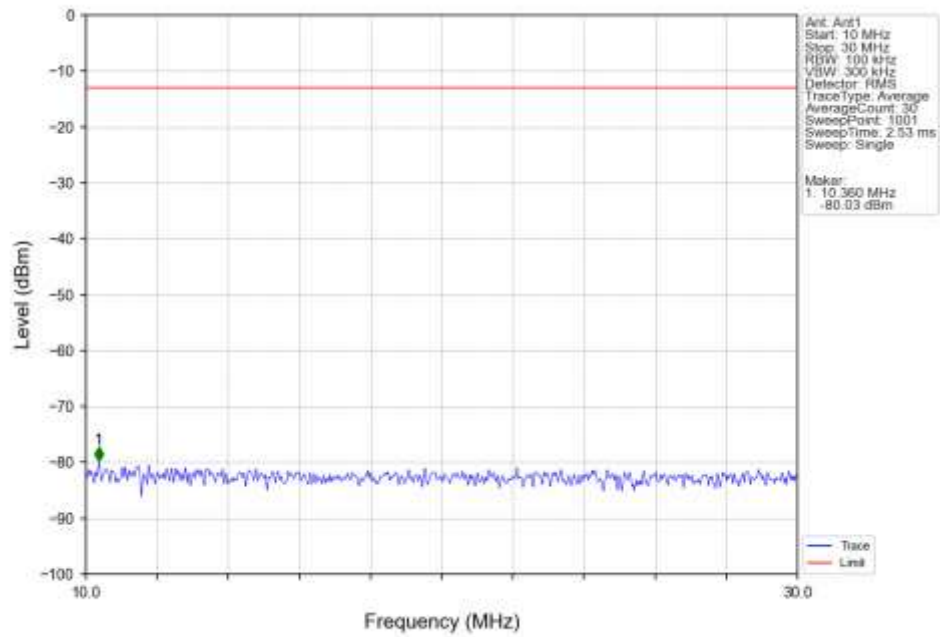
Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTN



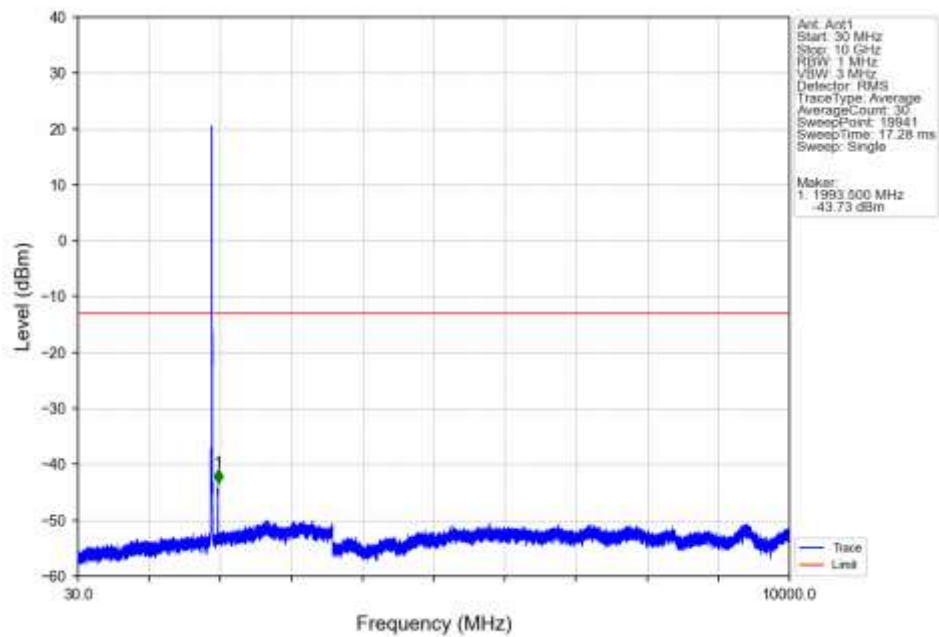
Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTN



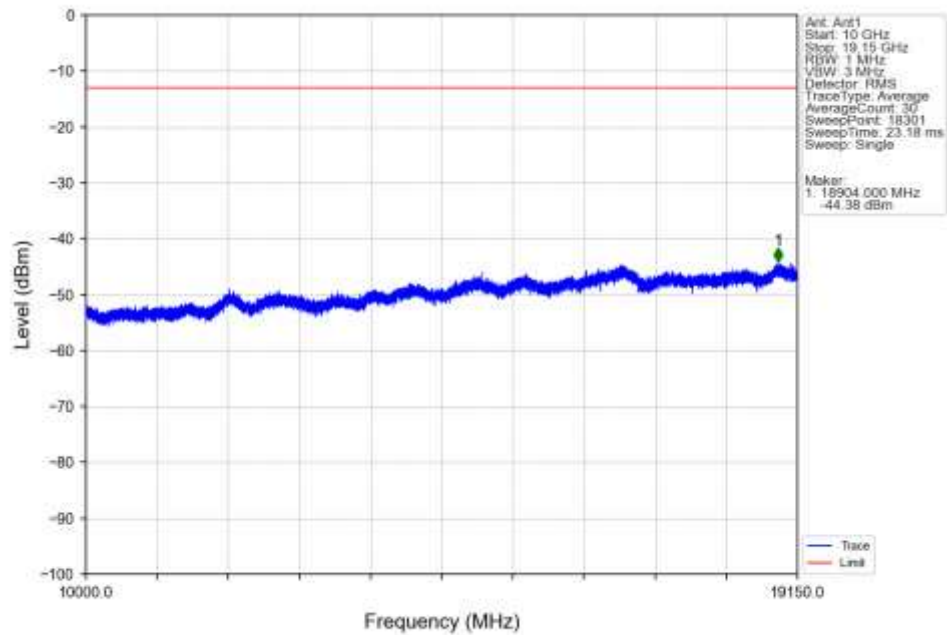
Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTNV



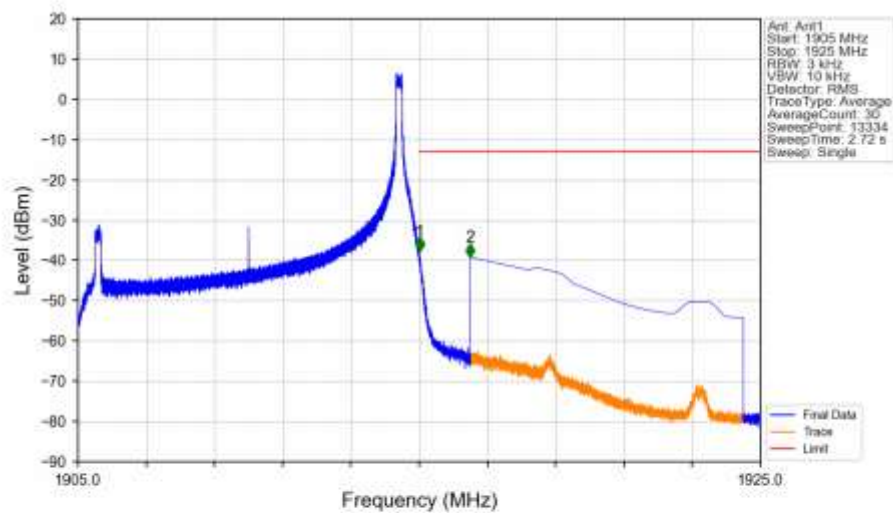
Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTNV



Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTNV

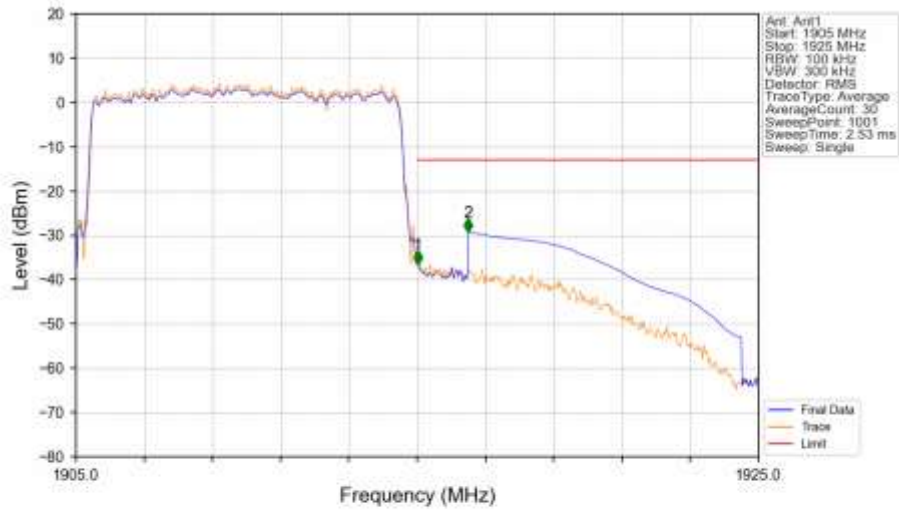


Band25 10MHz QPSK HCH 1910MHz RB 1 49 NTNV

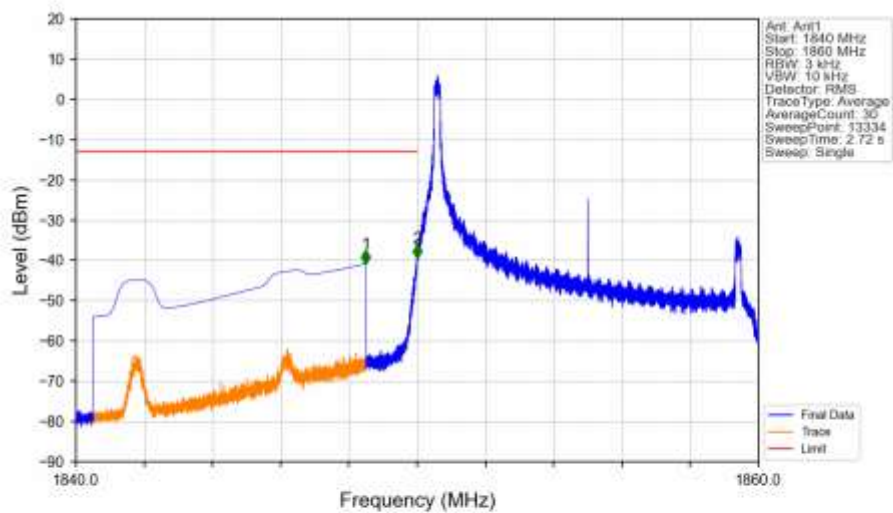


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1905        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.013   | -37.73      | -13         | Pass   |
| 1916        | 1925       | 1         | CHP    | 2          | 1916.501   | -39.15      | -13         | Pass   |

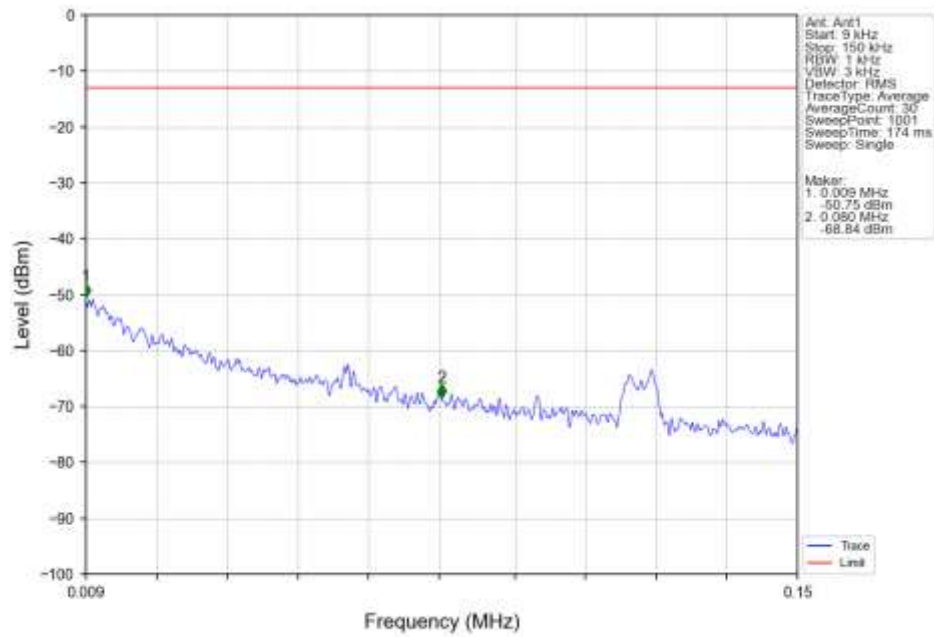
## Band25 10MHz QPSK HCH 1910MHz RB 50 0 NTV



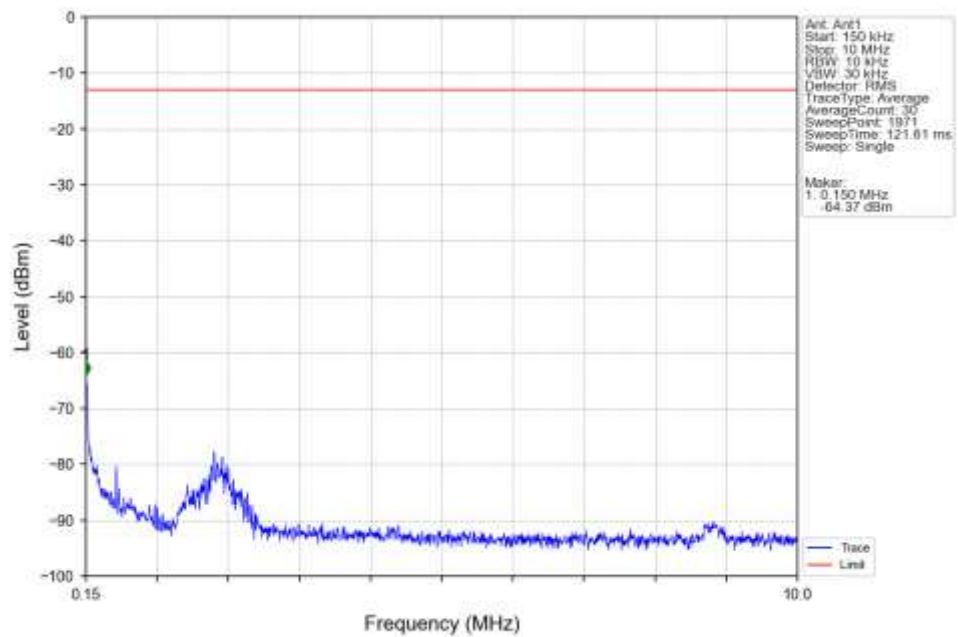
## Band25 10MHz 16QAM LCH 1855MHz RB 1 0 NTV



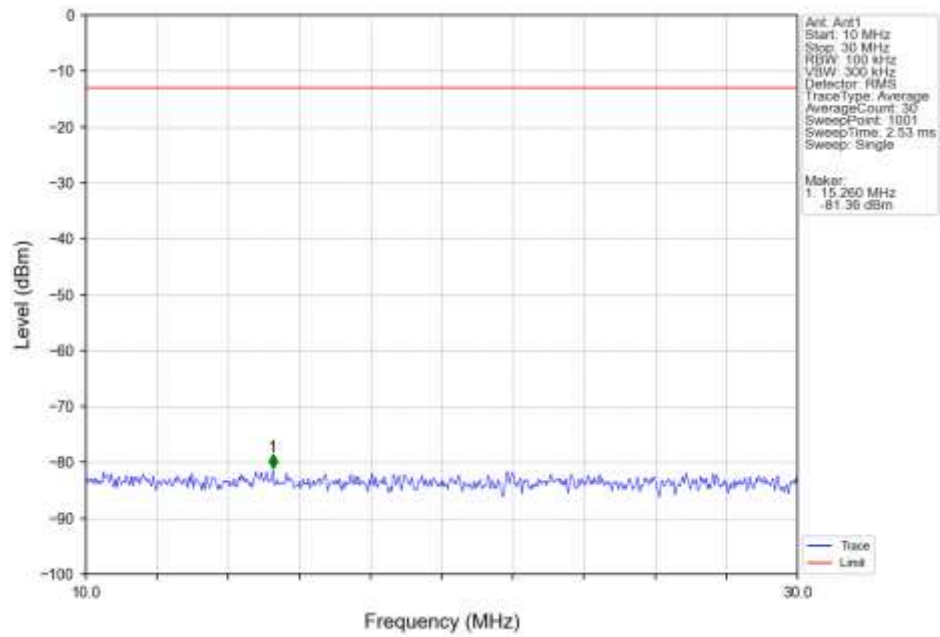
Band25 10MHz 16QAM LCH 1855MHz RB 1 0 NTNV



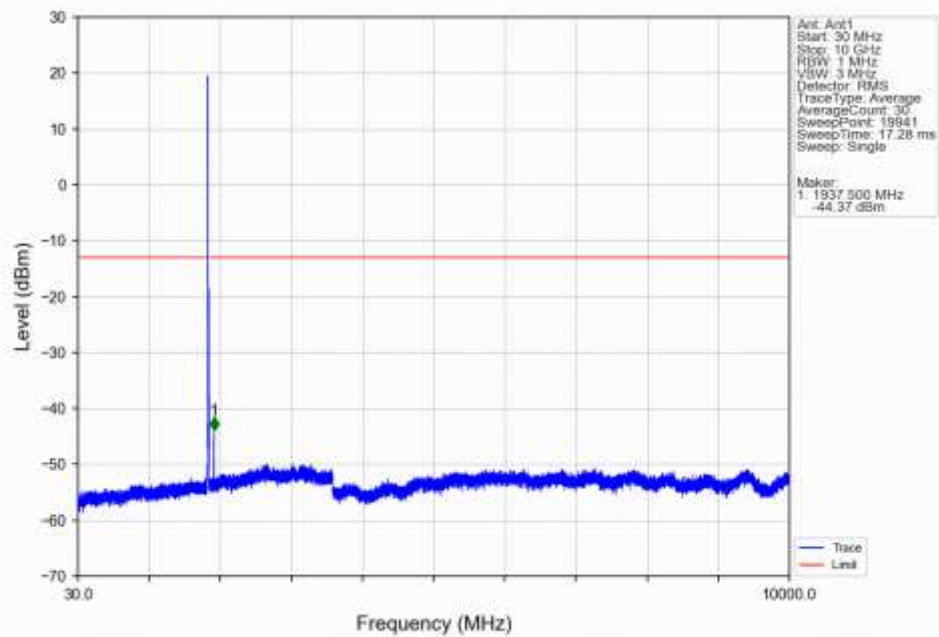
Band25 10MHz 16QAM LCH 1855MHz RB 1 0 NTNV



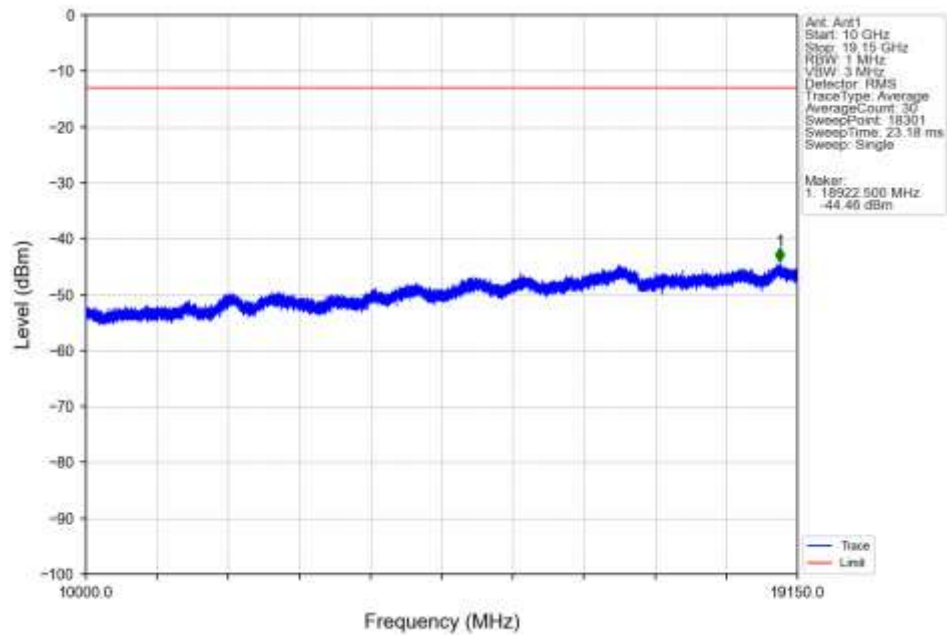
Band25 10MHz 16QAM LCH 1855MHz RB 1 0 NTNV



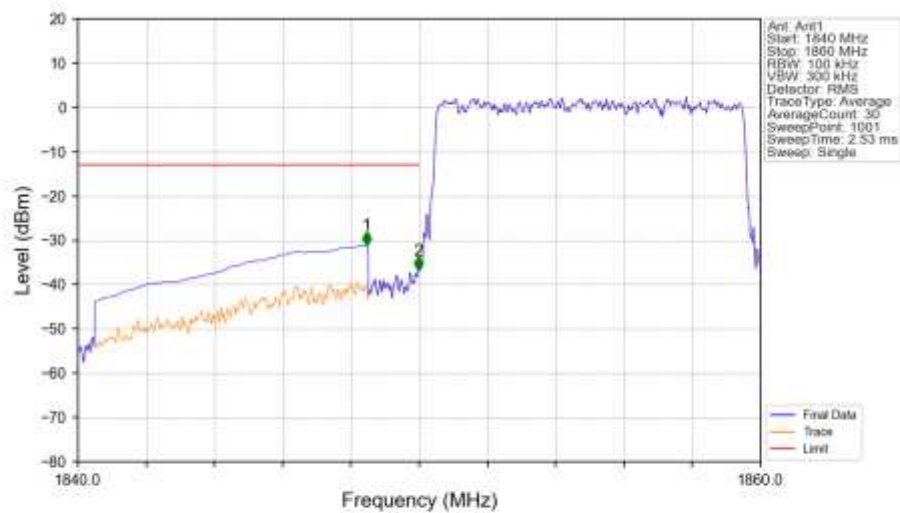
Band25 10MHz 16QAM LCH 1855MHz RB 1 0 NTNV



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

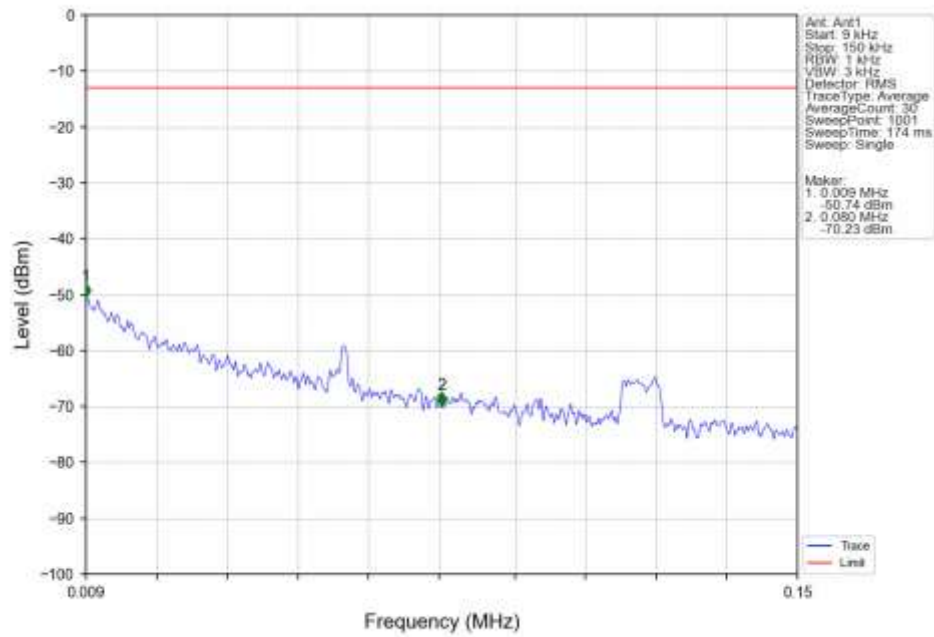


Band25 10MHz 16QAM LCH 1855MHz RB 50 0 NTNV

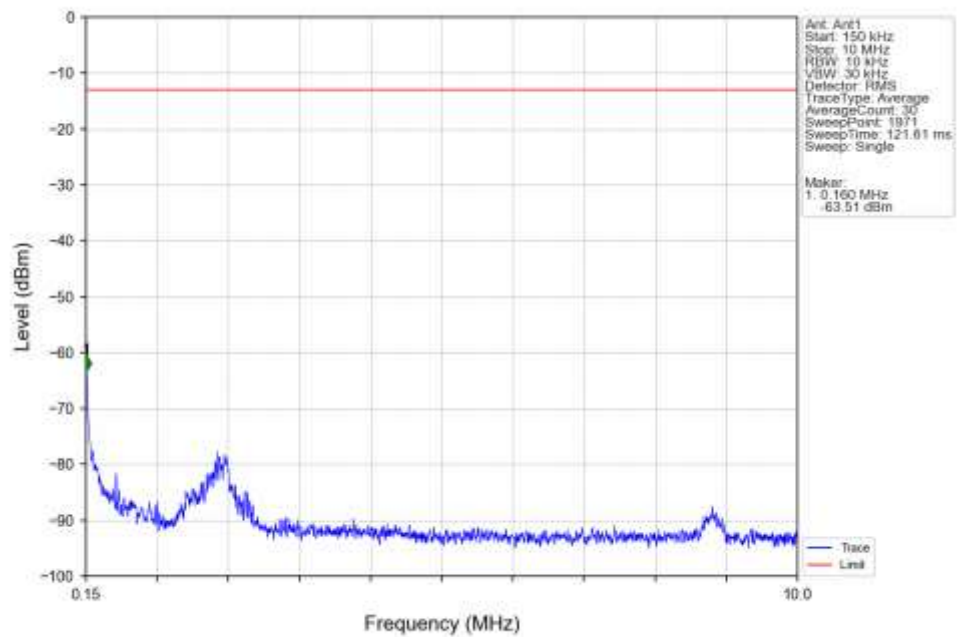


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1840        | 1849       | 1         | CHP    | 1          | 1848.460   | -31.04      | -13         | Pass   |
| 1849        | 1850       | 0.1       | /      | 2          | 1849.980   | -36.71      | -13         | Pass   |
| 1850        | 1860       | 0.1       | /      | /          | /          | /           | /           | /      |

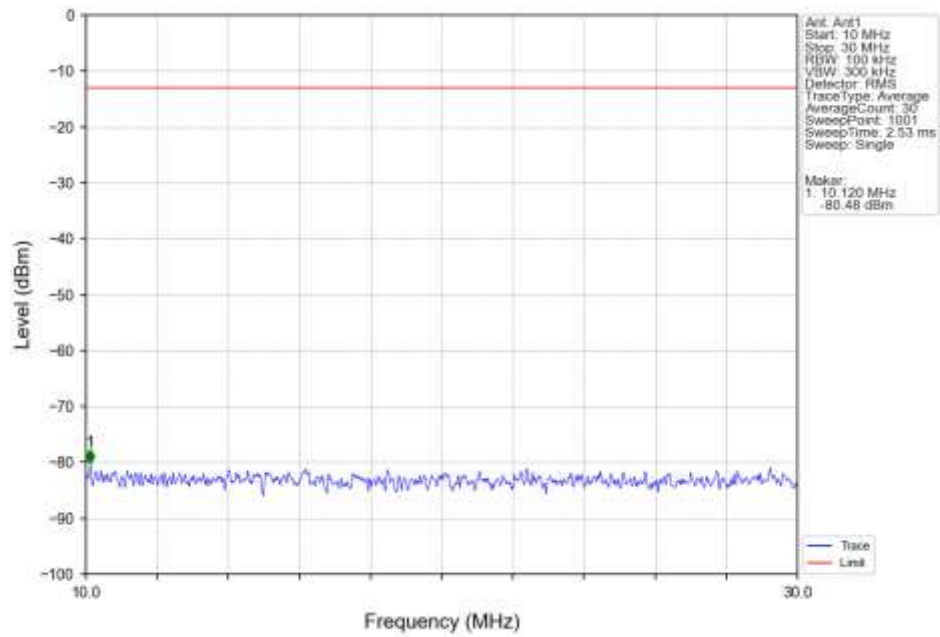
Band25 10MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



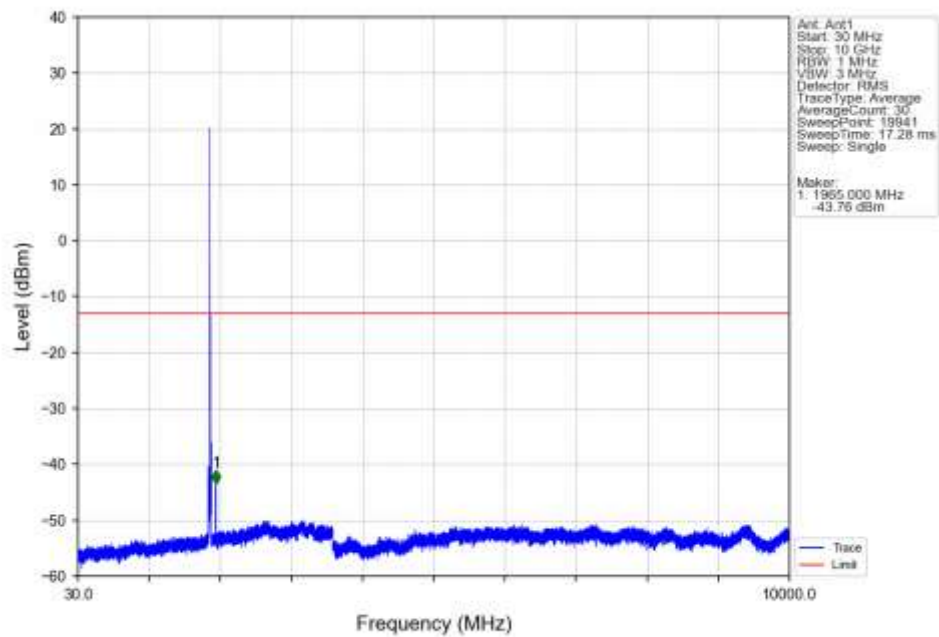
Band25 10MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



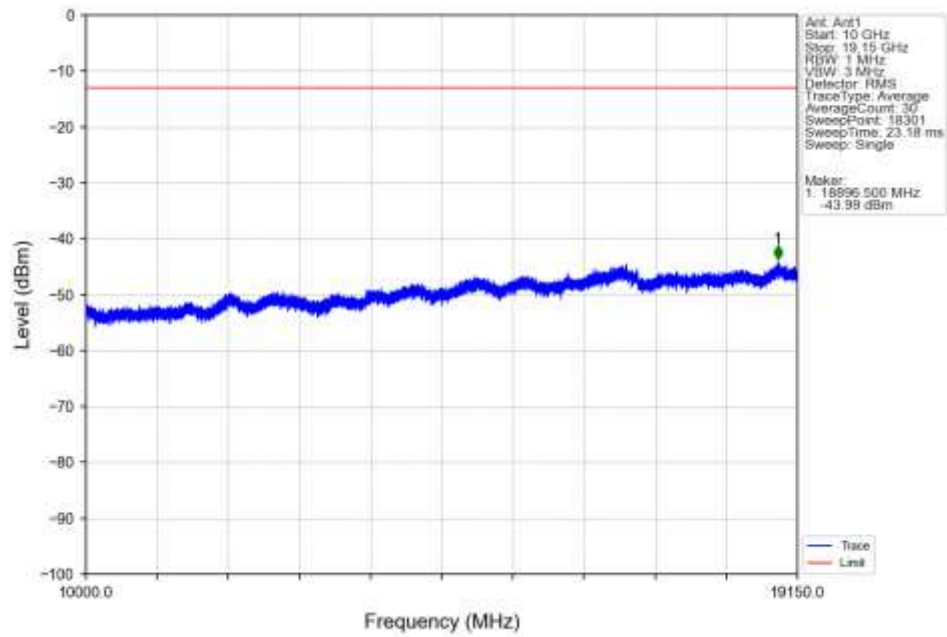
Band25 10MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



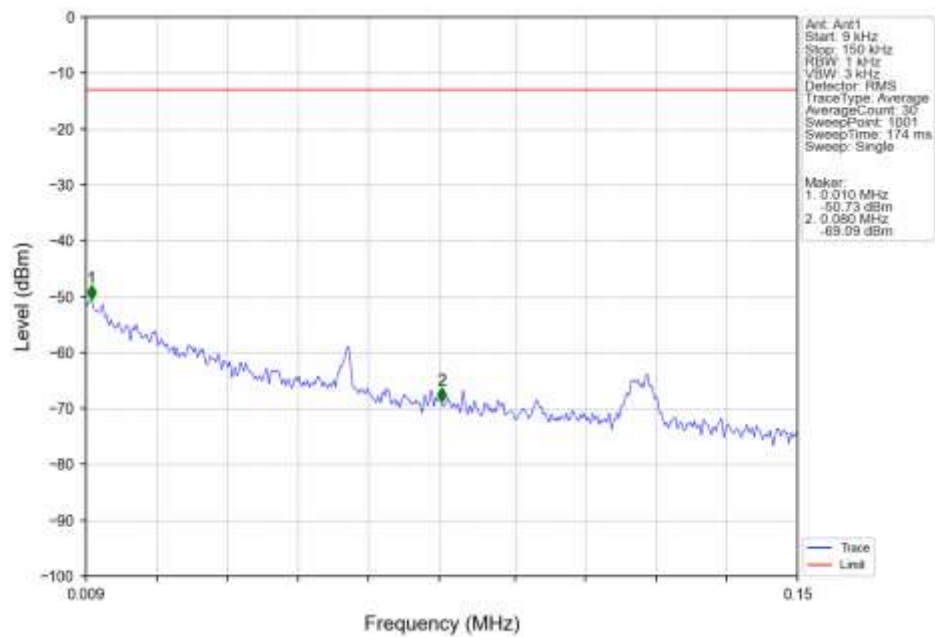
Band25 10MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



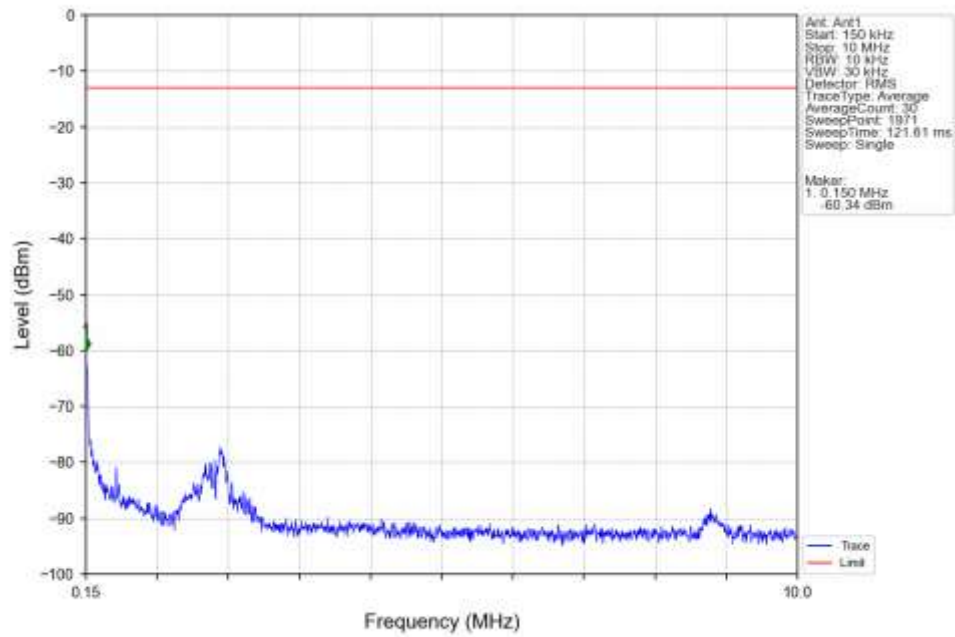
Band25 10MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



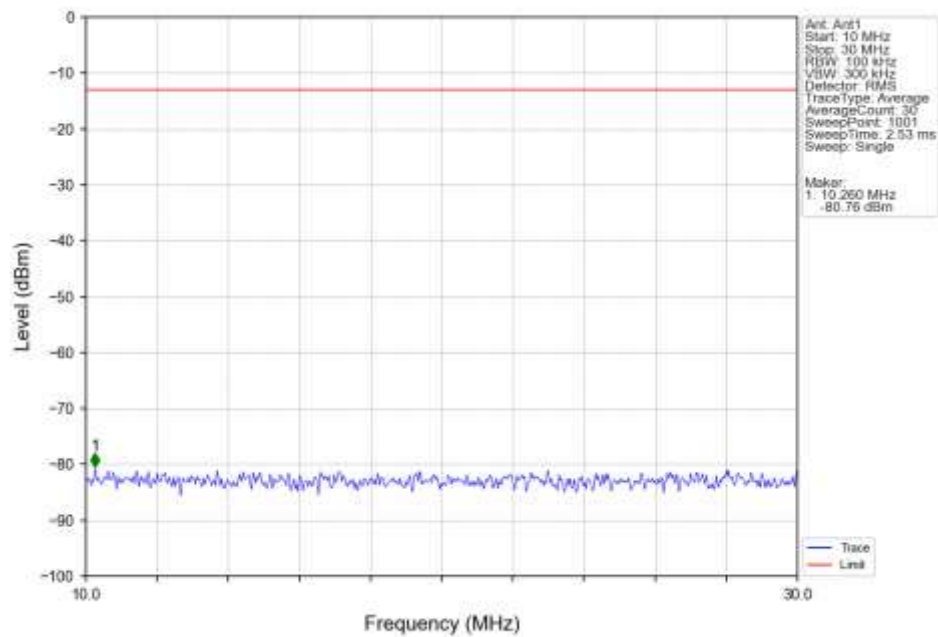
Band25 10MHz 16QAM HCH 1910MHz RB 1 0 NTNV



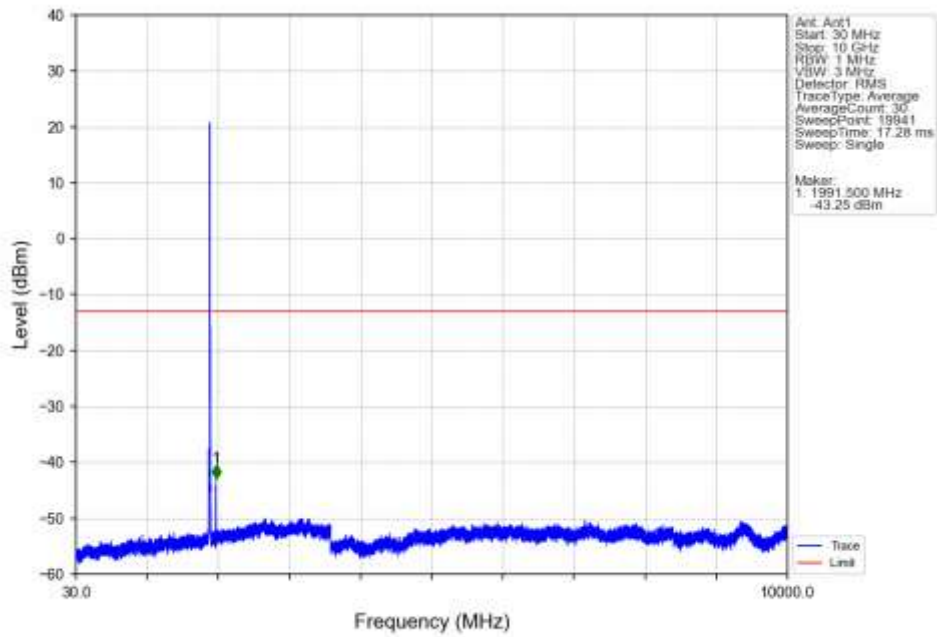
Band25 10MHz 16QAM HCH 1910MHz RB 1 0 NTV



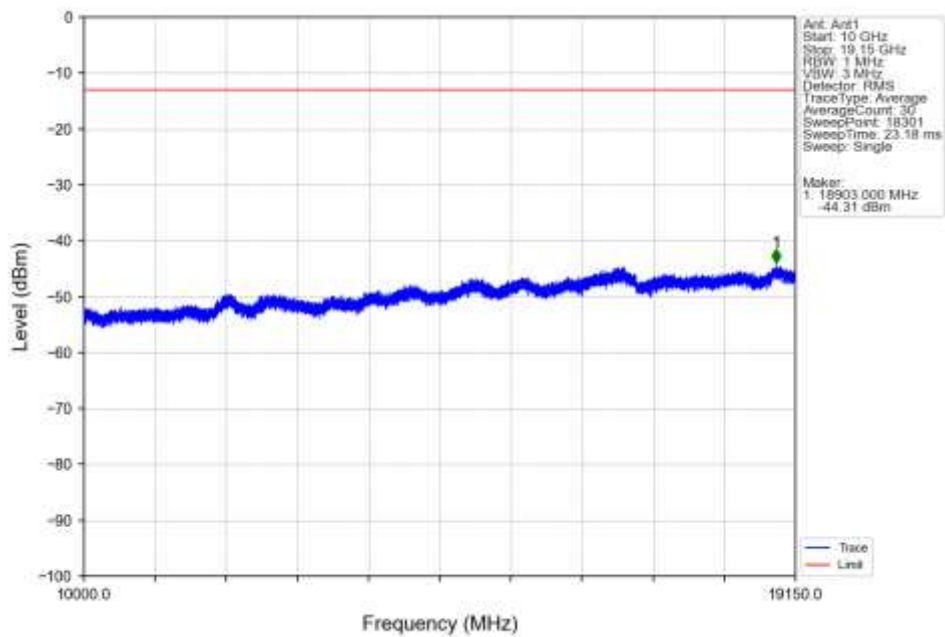
Band25 10MHz 16QAM HCH 1910MHz RB 1 0 NTV



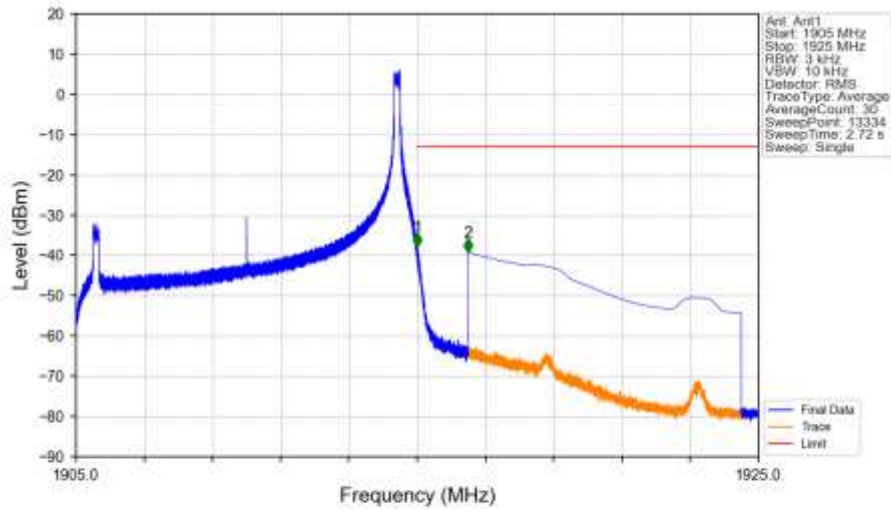
Band25 10MHz 16QAM HCH 1910MHz RB 1 0 NTNV



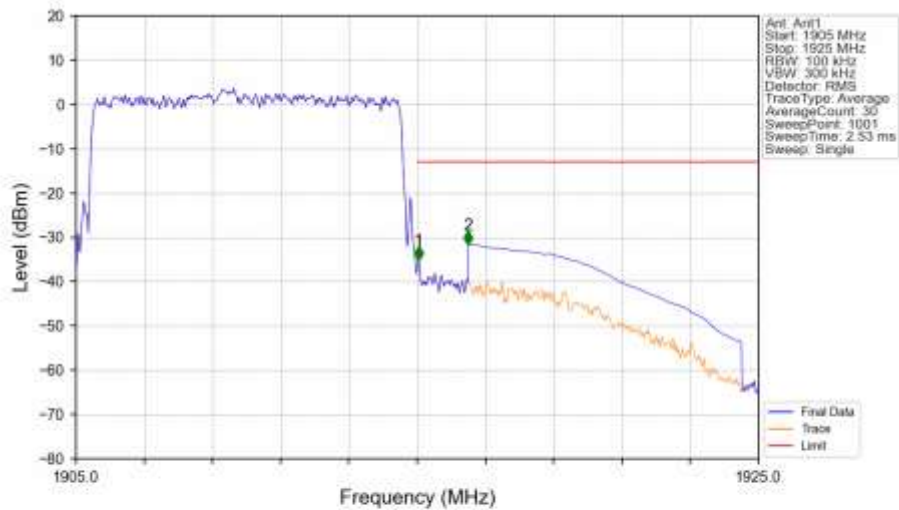
Band25 10MHz 16QAM HCH 1910MHz RB 1 0 NTNV



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

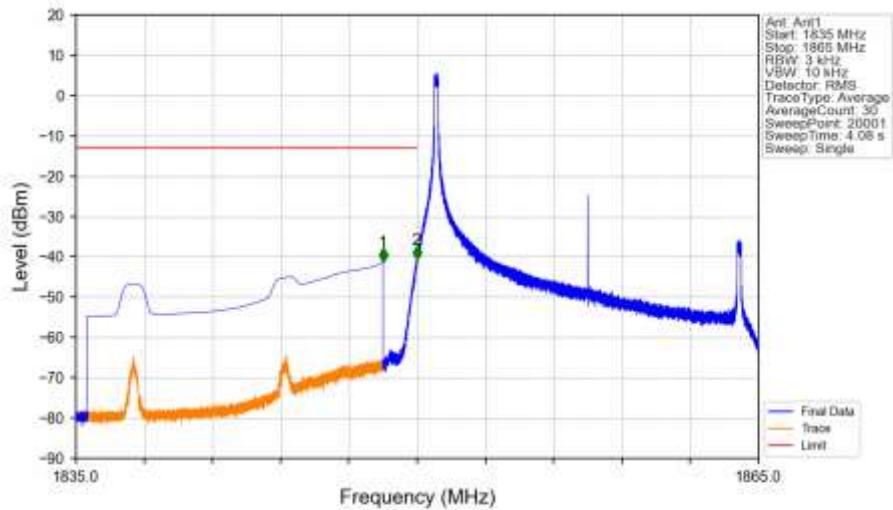


Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTNV

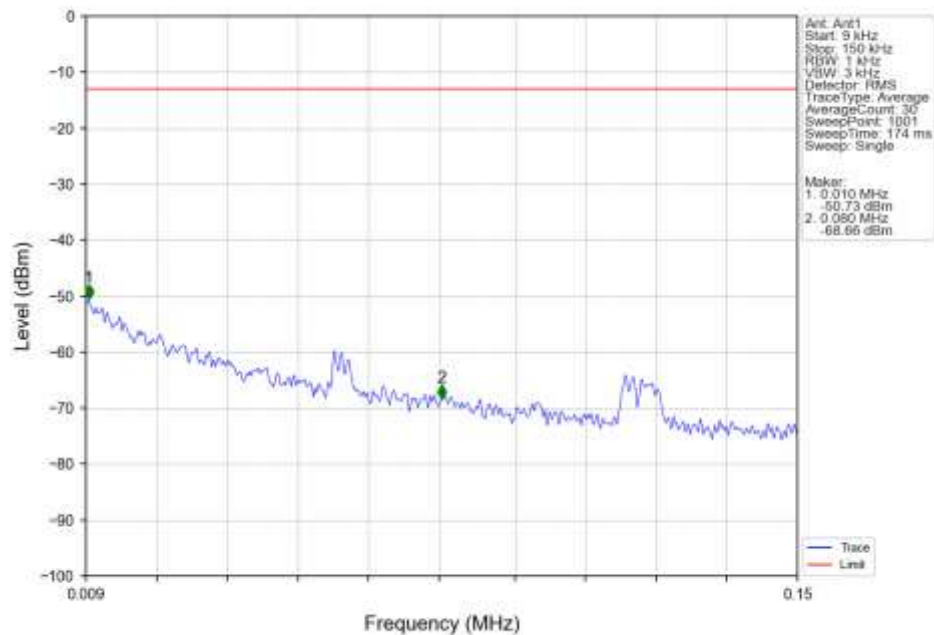


### 6.2.5 B25\_15MHz

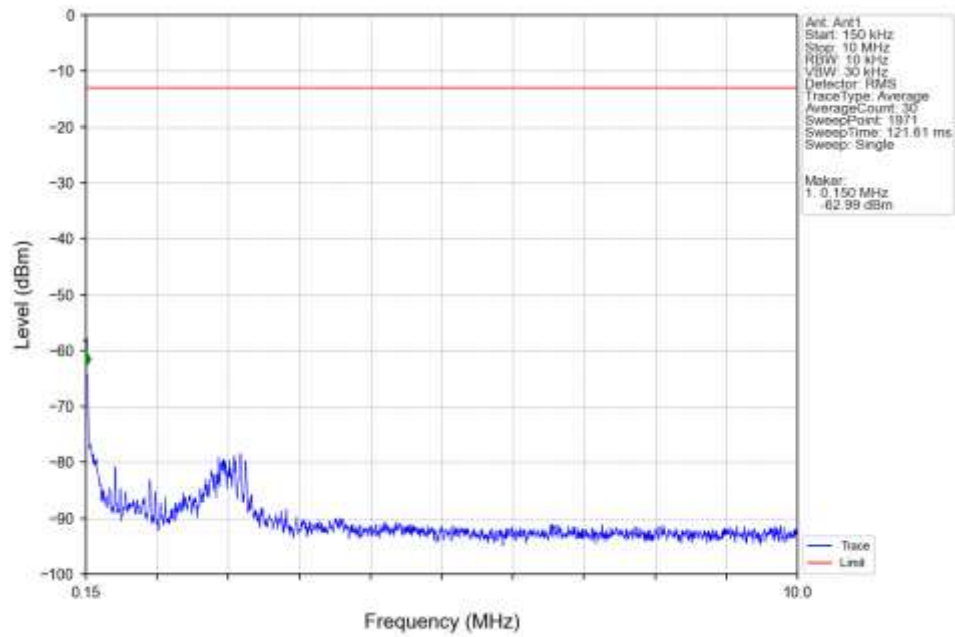
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



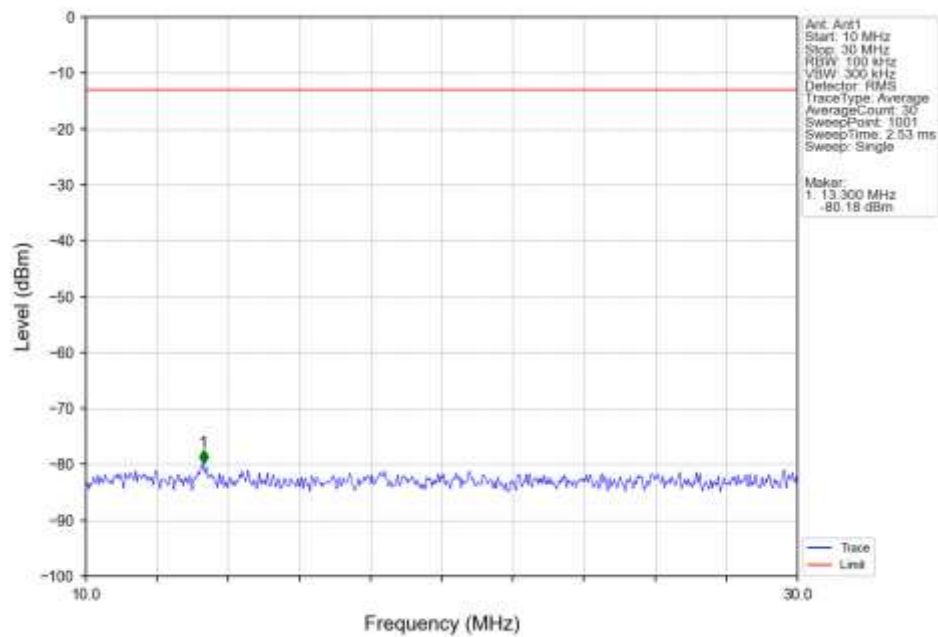
Band25\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



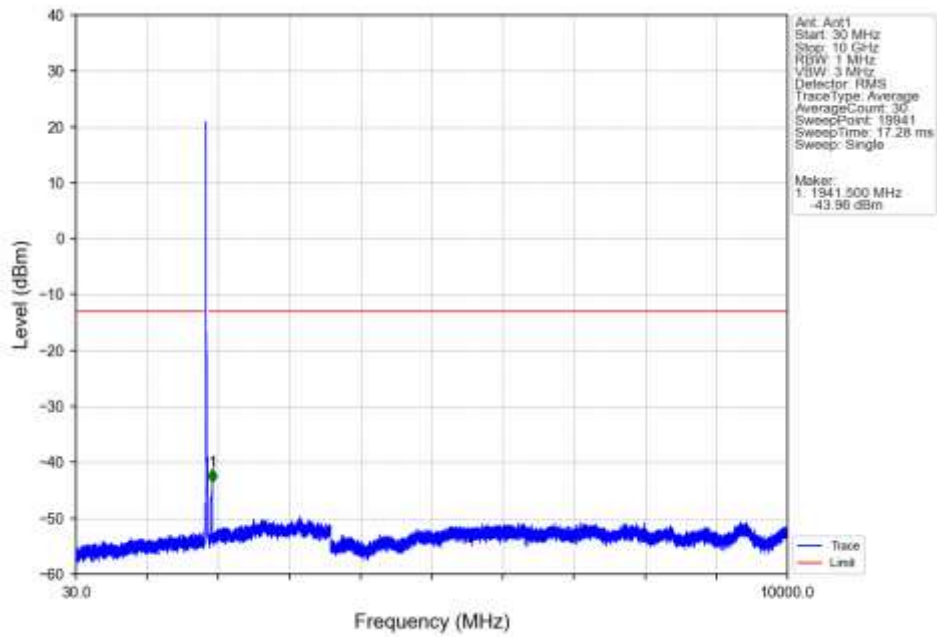
Band25 15MHz QPSK LCH 1857.5MHz RB 1 0 NTNV



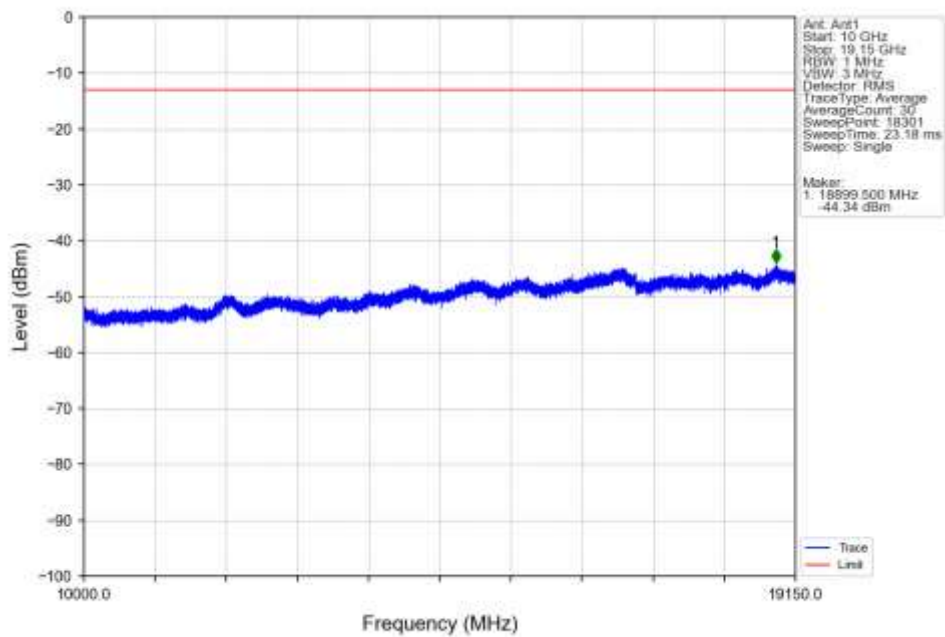
Band25 15MHz QPSK LCH 1857.5MHz RB 1 0 NTNV



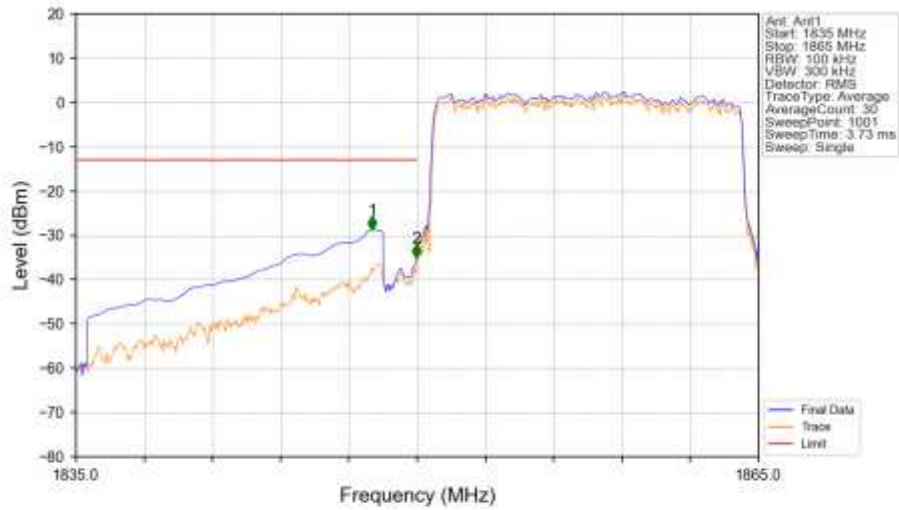
Band25 15MHz QPSK LCH 1857.5MHz RB 1 0 NTNV



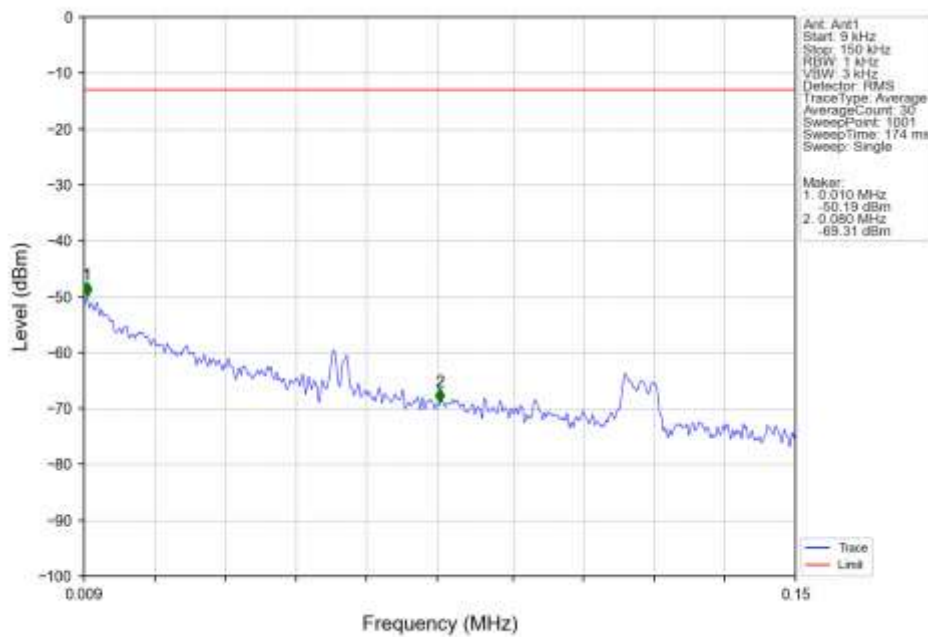
Band25 15MHz QPSK LCH 1857.5MHz RB 1 0 NTNV



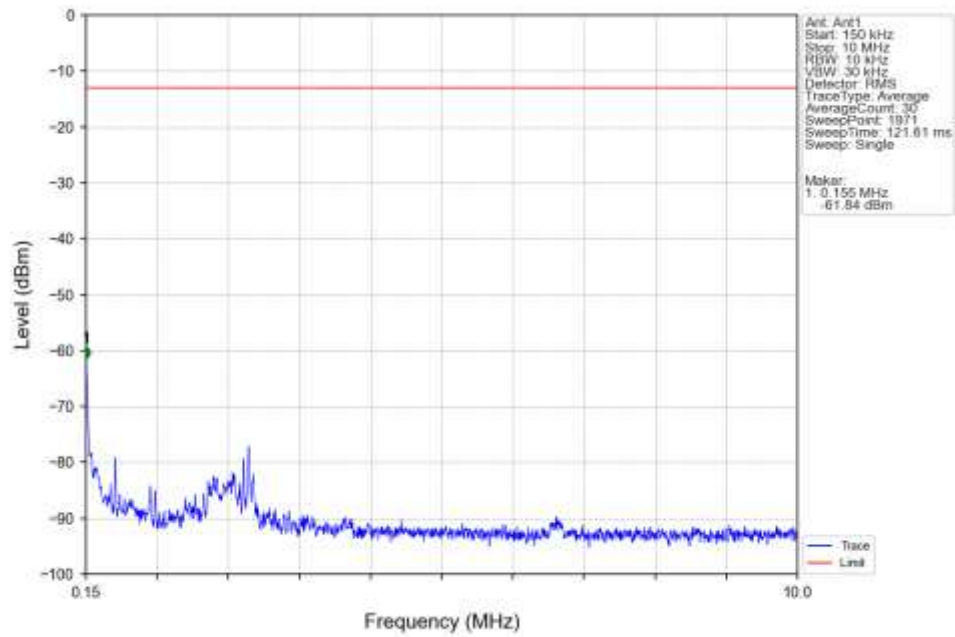
Band25 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



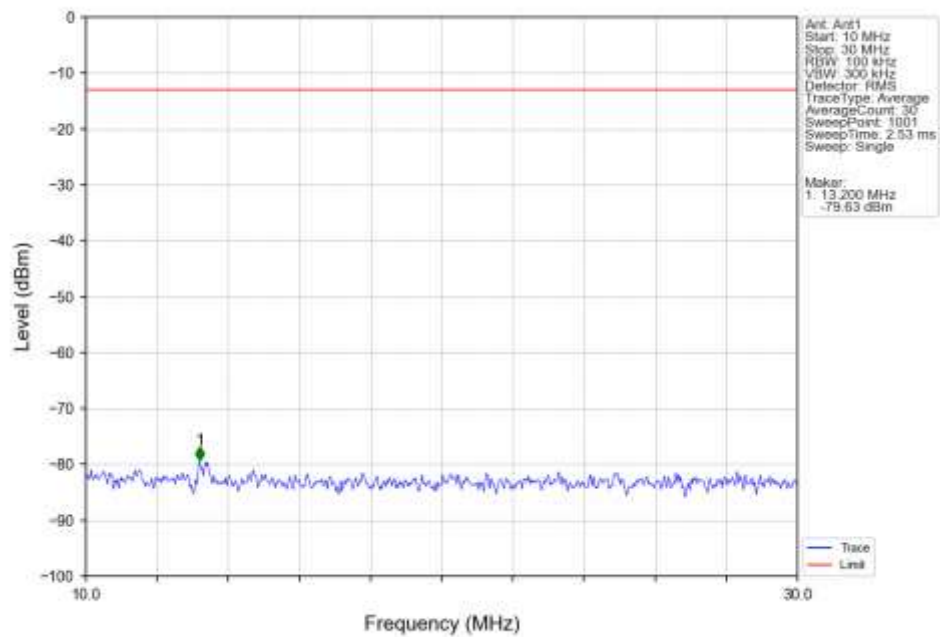
Band25 15MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



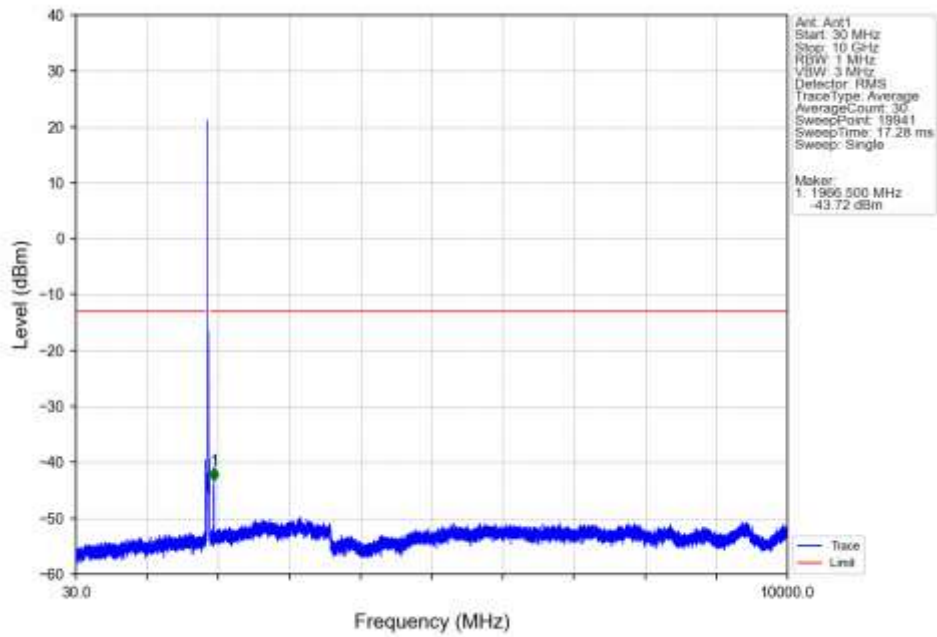
Band25 15MHz QPSK MCH 1882.5MHz RB 1 0 NTV



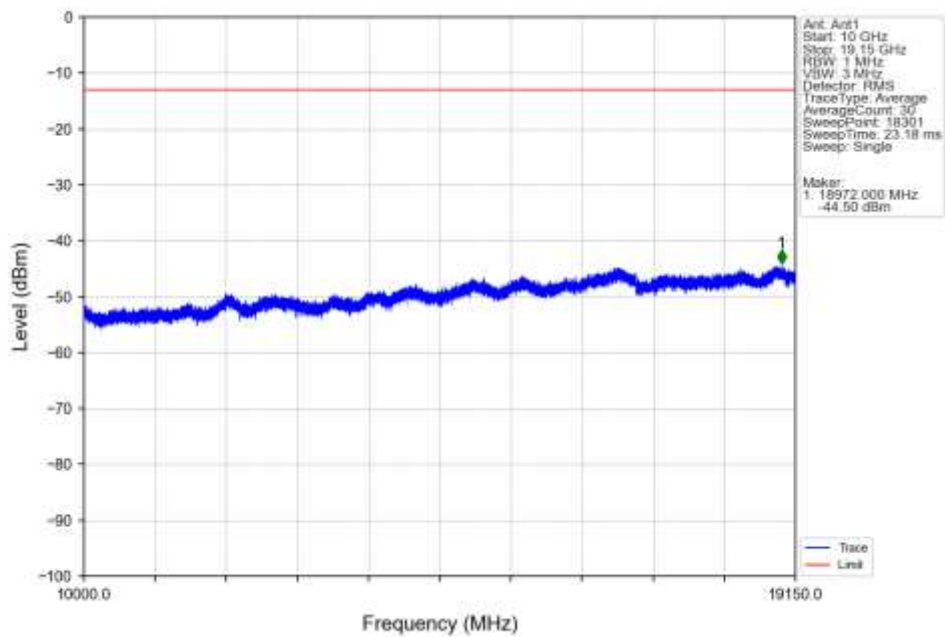
Band25 15MHz QPSK MCH 1882.5MHz RB 1 0 NTV



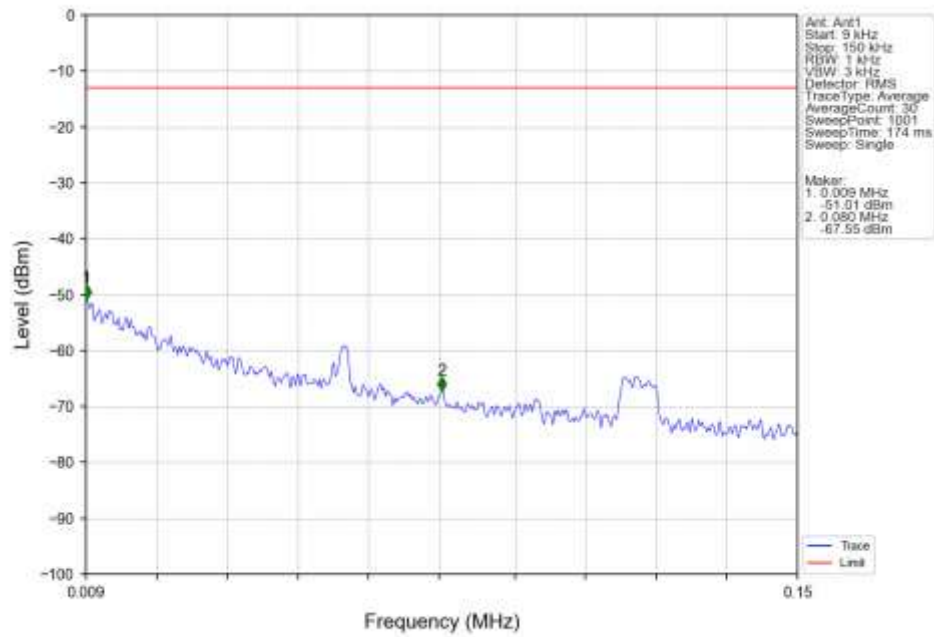
Band25 15MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



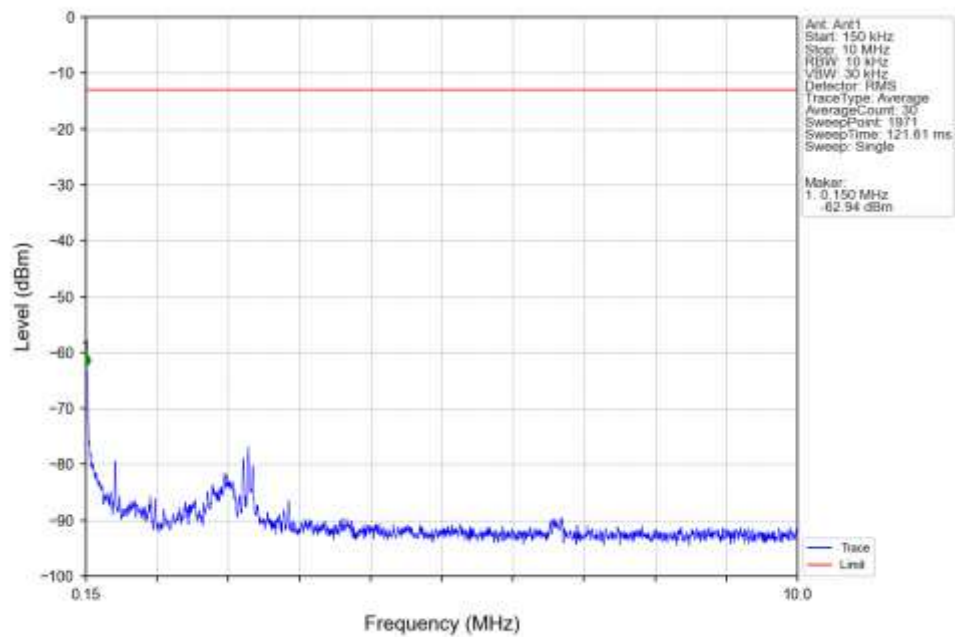
Band25 15MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



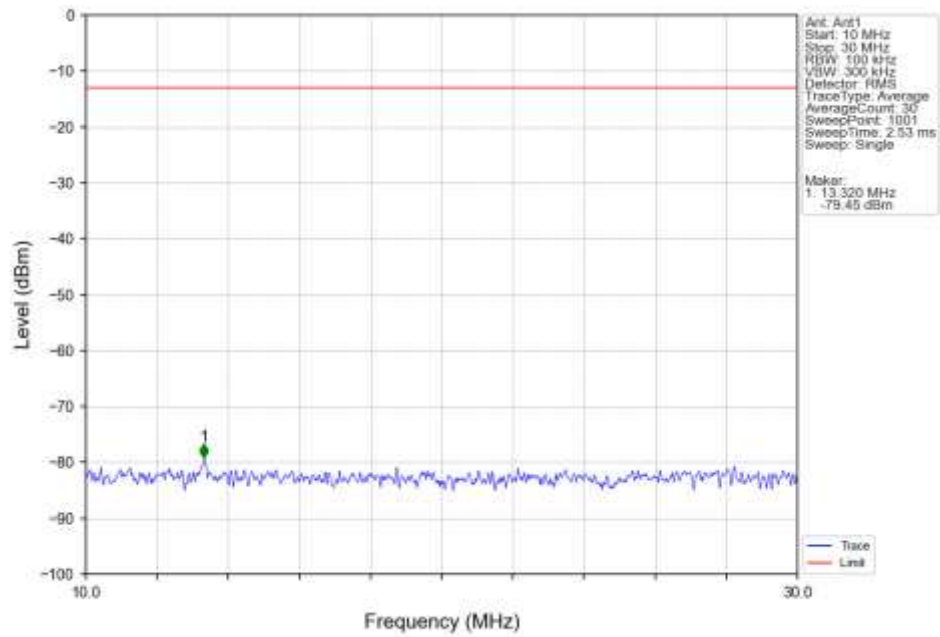
Band25 15MHz QPSK HCH 1907.5MHz RB 1 0 NTNV



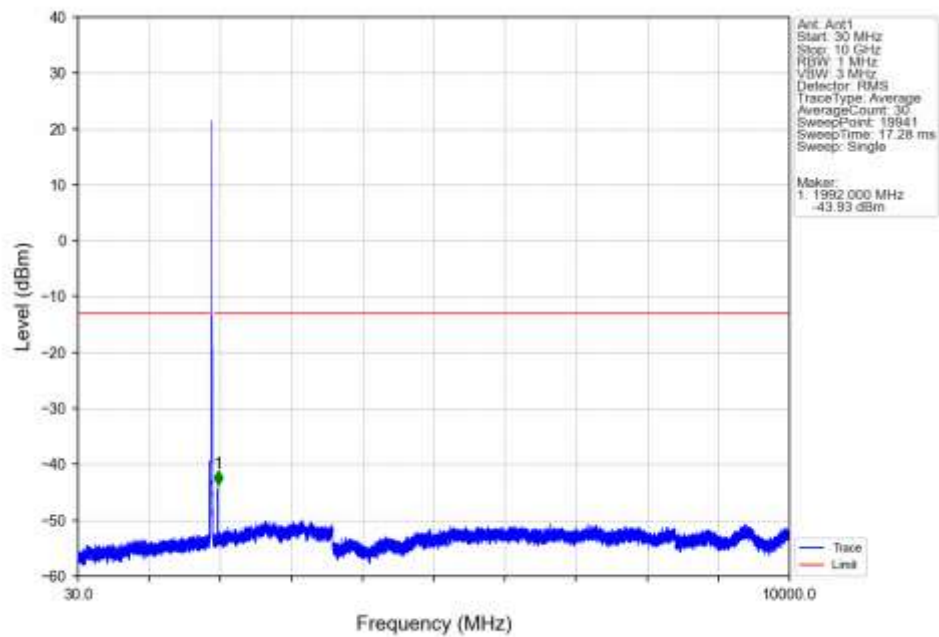
Band25 15MHz QPSK HCH 1907.5MHz RB 1 0 NTNV



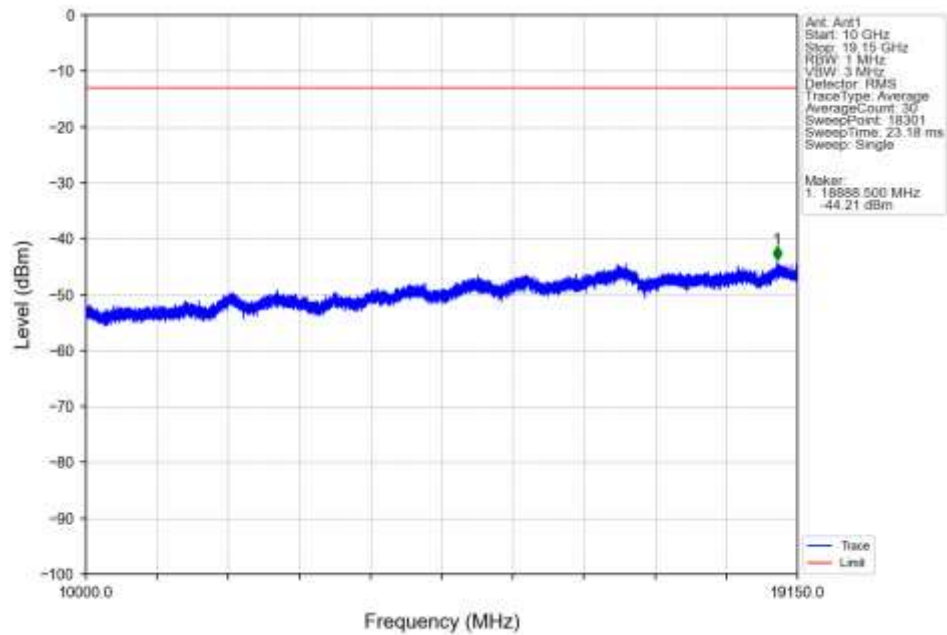
Band25 15MHz QPSK HCH 1907.5MHz RB 1 0 NTNV



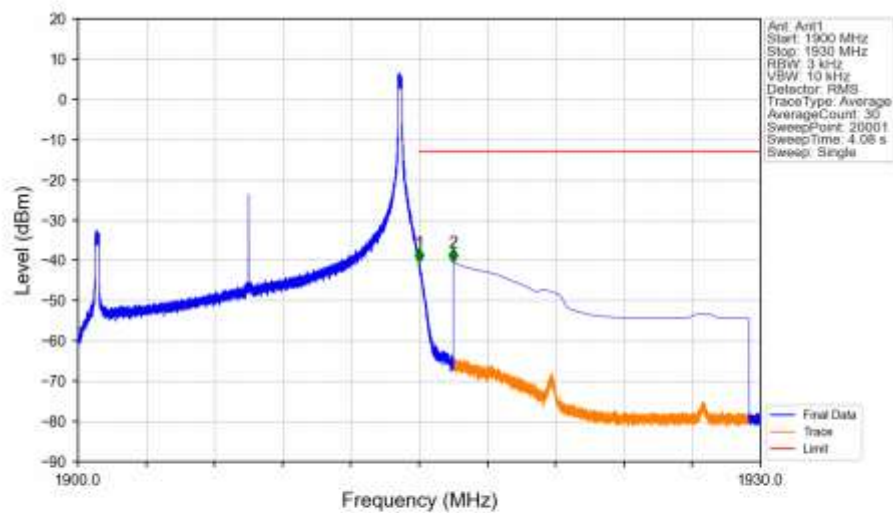
Band25 15MHz QPSK HCH 1907.5MHz RB 1 0 NTNV



Band25 15MHz QPSK HCH 1907.5MHz RB 1 0 NTNV

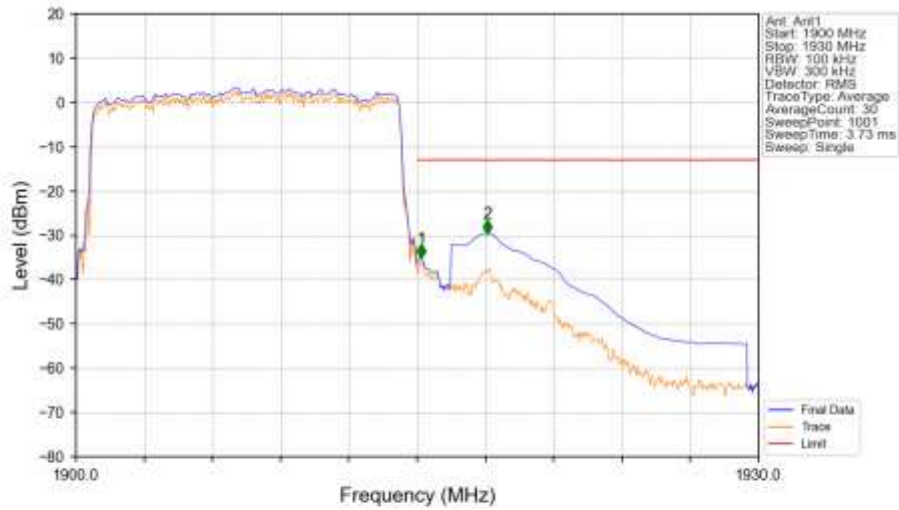


Band25 15MHz QPSK HCH 1907.5MHz RB 1 74 NTNV

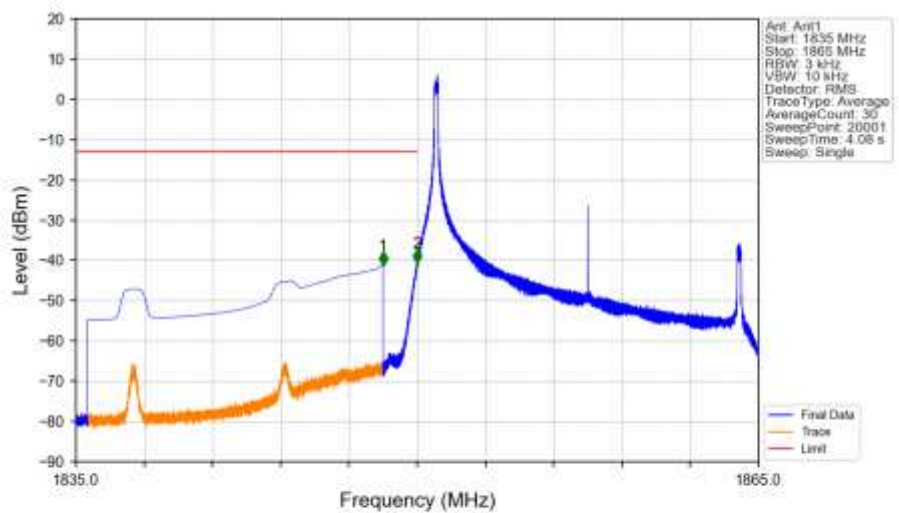


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1900        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.012   | -40.48      | -13         | Pass   |
| 1916        | 1930       | 1         | CHP    | 2          | 1916.500   | -40.41      | -13         | Pass   |

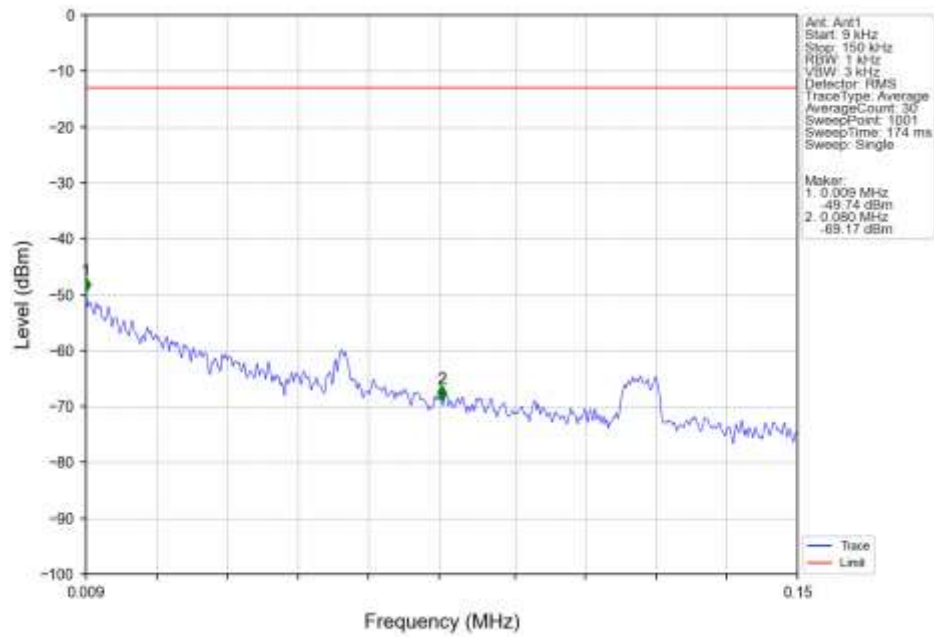
## Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV



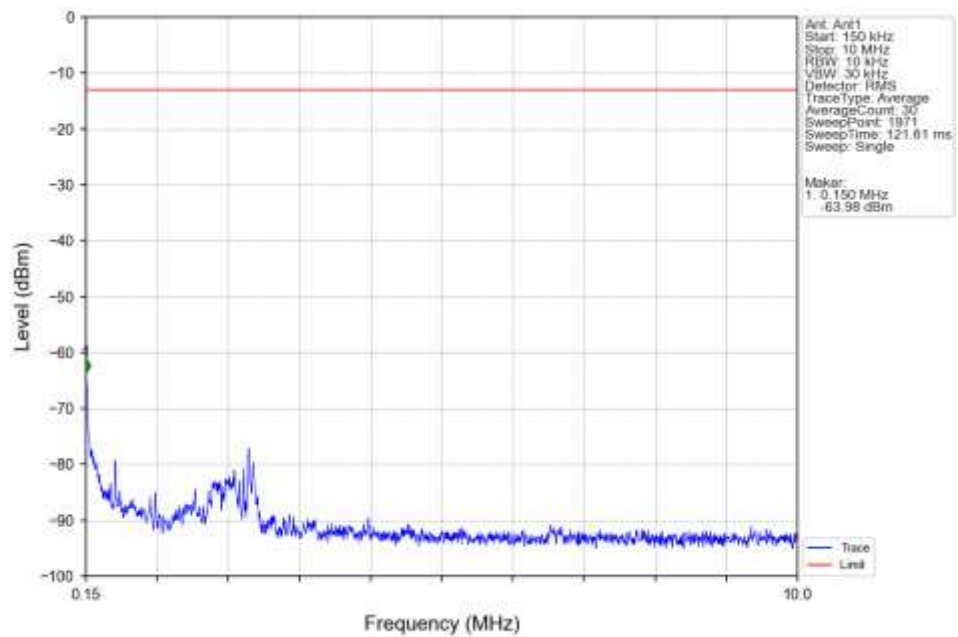
## Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV



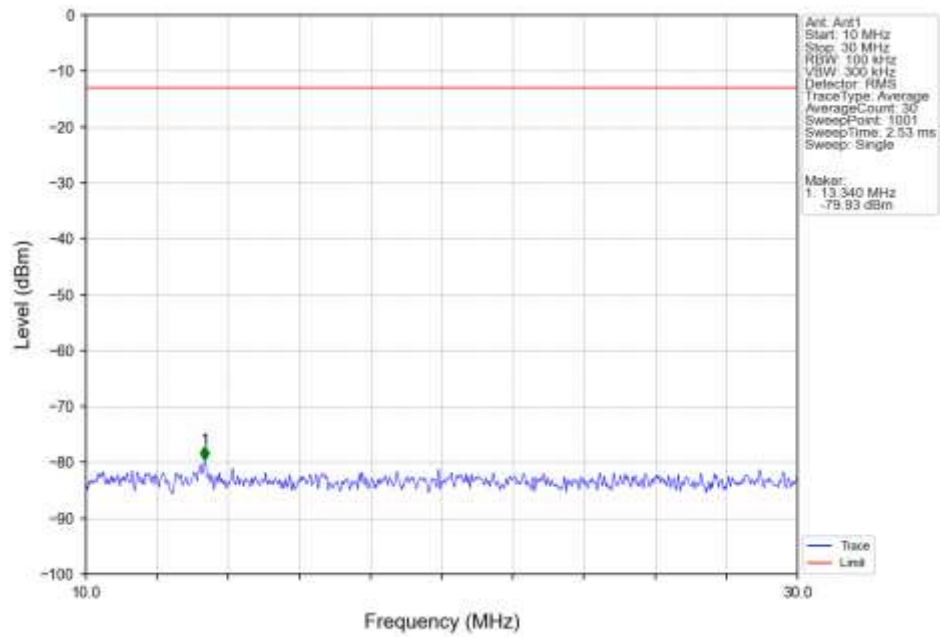
Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV



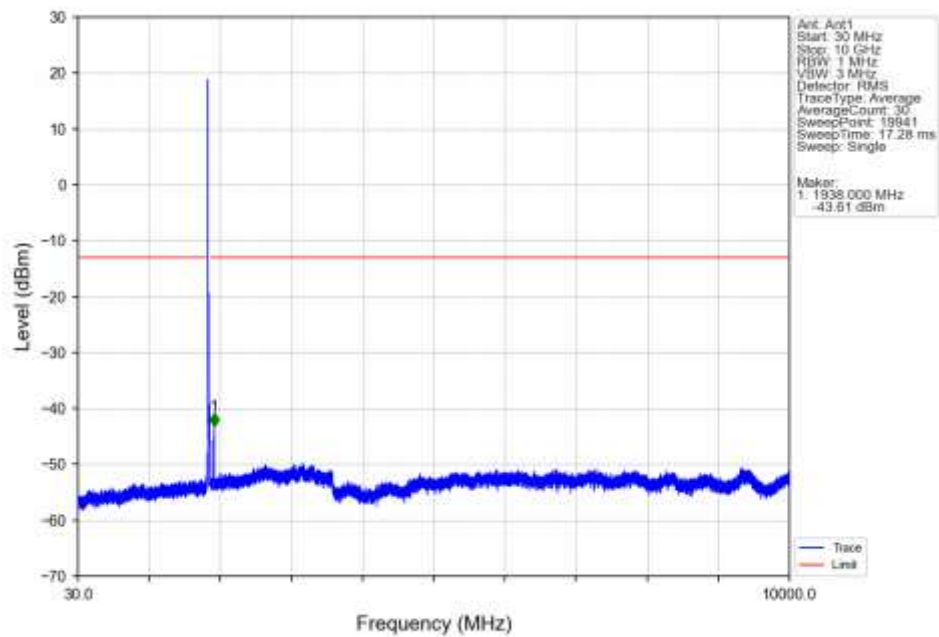
Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV



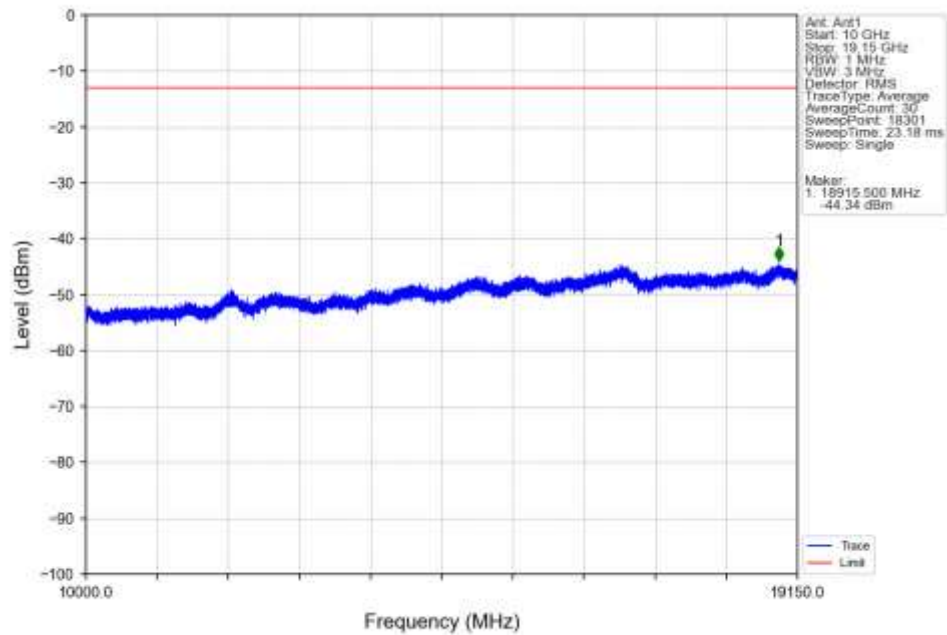
Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV



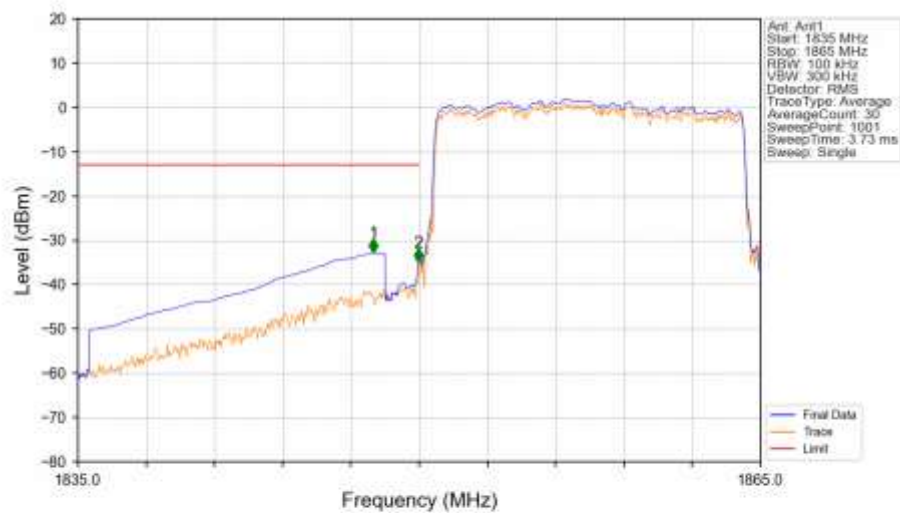
Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV



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

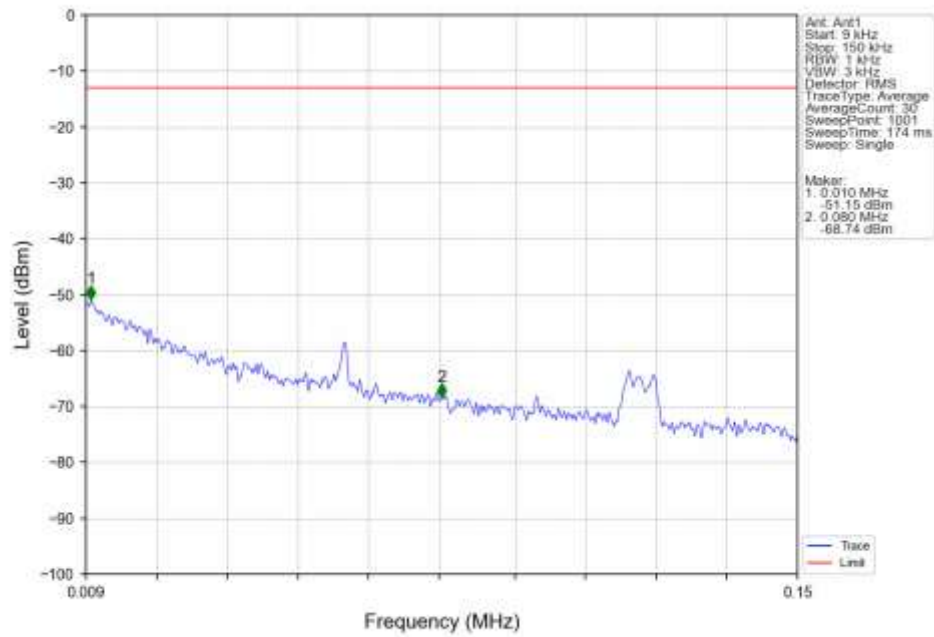


Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV

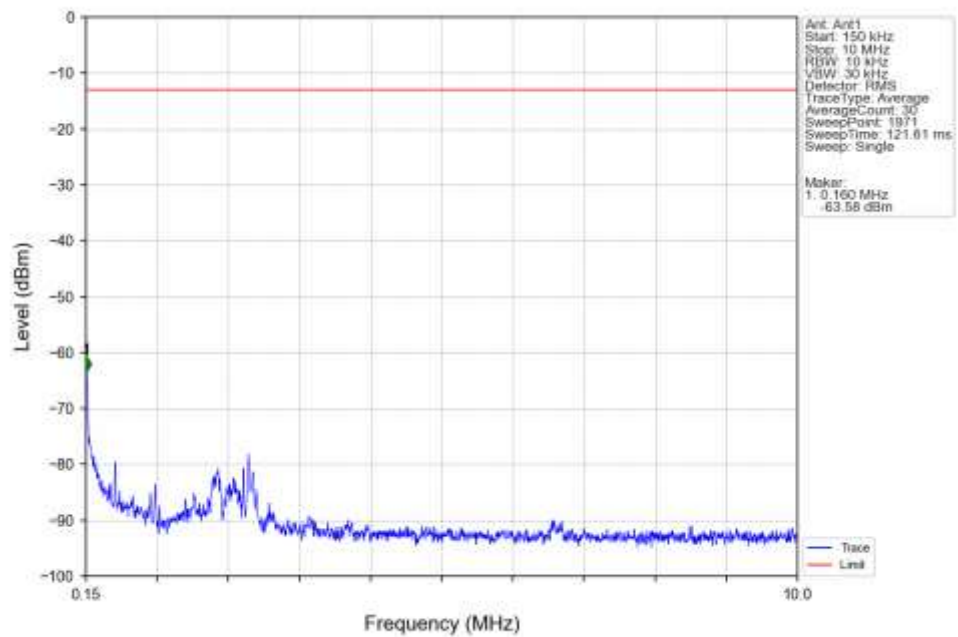


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1835        | 1849       | 1         | CHP    | 1          | 1847.990   | -32.71      | -13         | Pass   |
| 1849        | 1850       | 0.152     | CHP    | 2          | 1849.970   | -34.87      | -13         | Pass   |
| 1850        | 1865       | 0.152     | CHP    | /          | /          | /           | /           | /      |

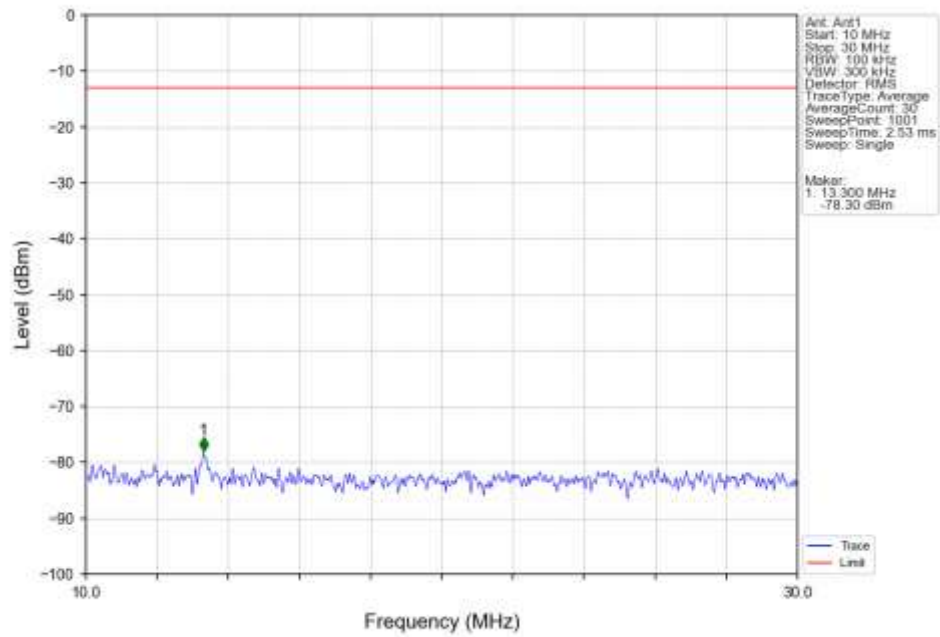
Band25 15MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



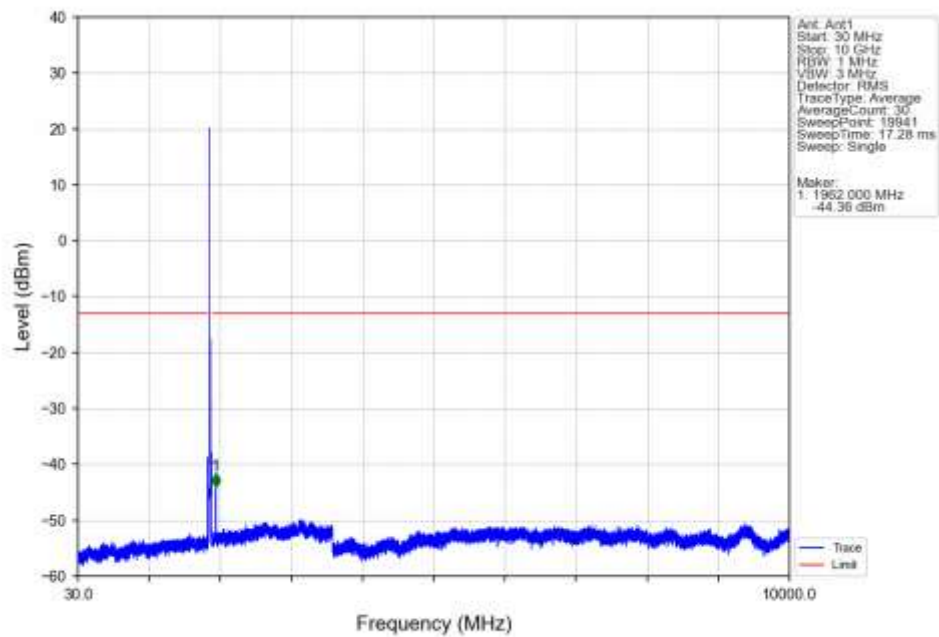
Band25 15MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



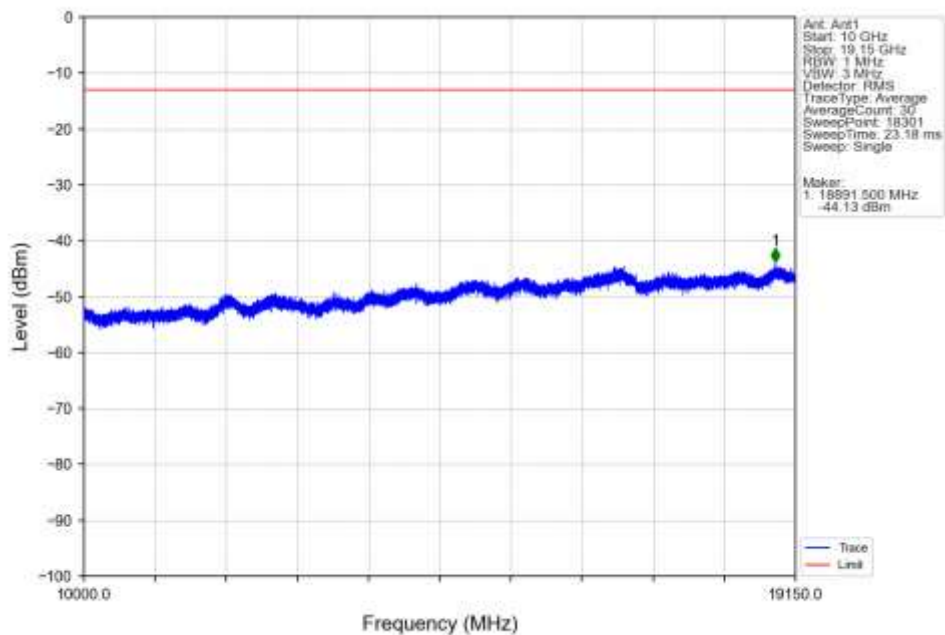
Band25 15MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



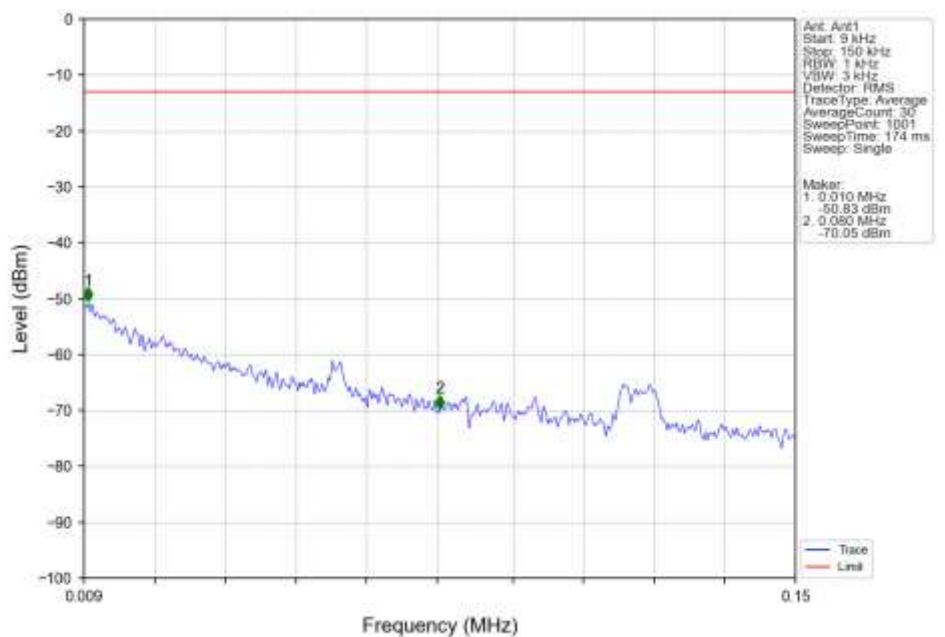
Band25 15MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



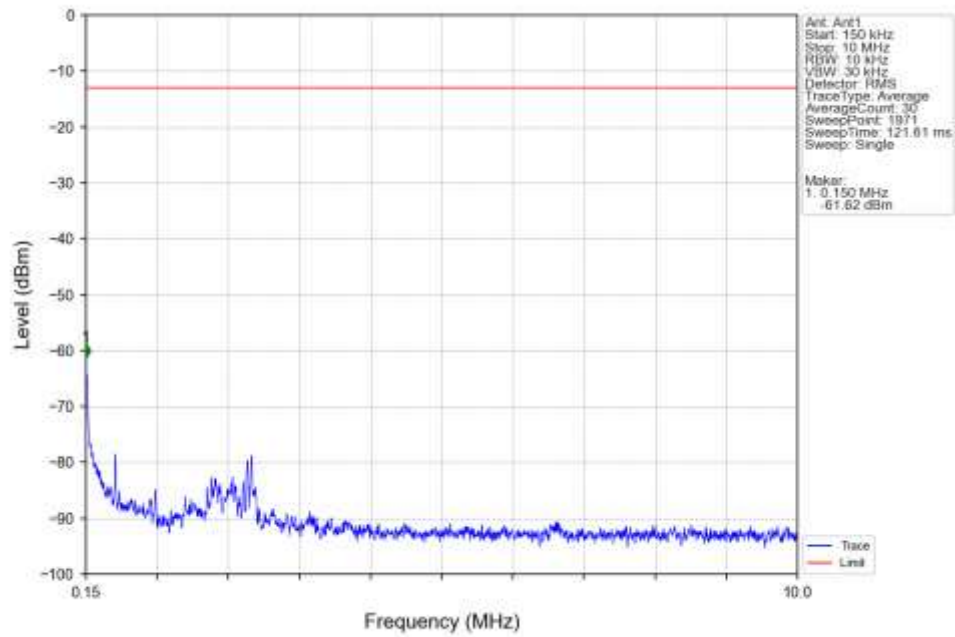
Band25 15MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



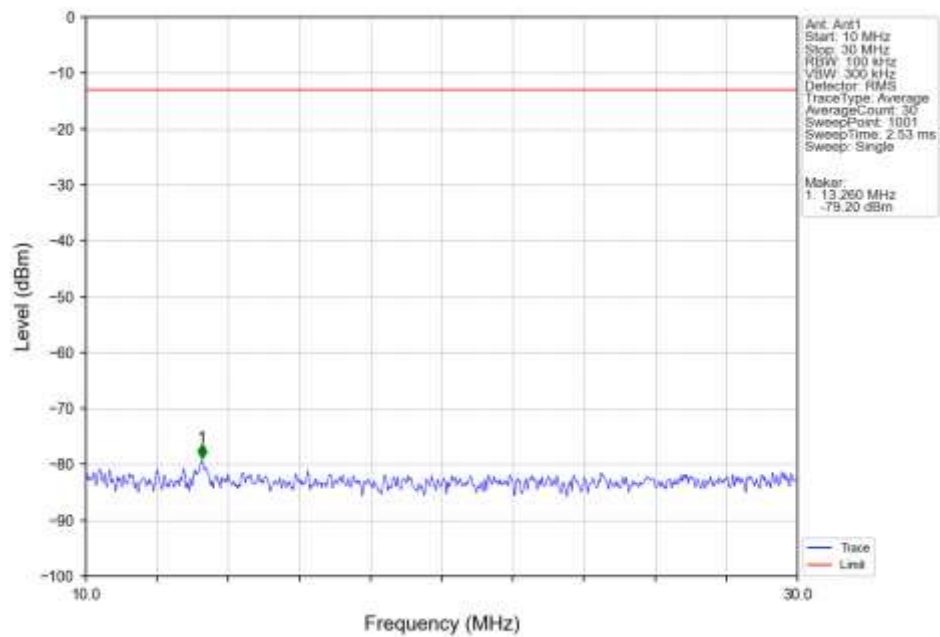
Band25 15MHz 16QAM HCH 1907.5MHz RB 1 0 NTNV



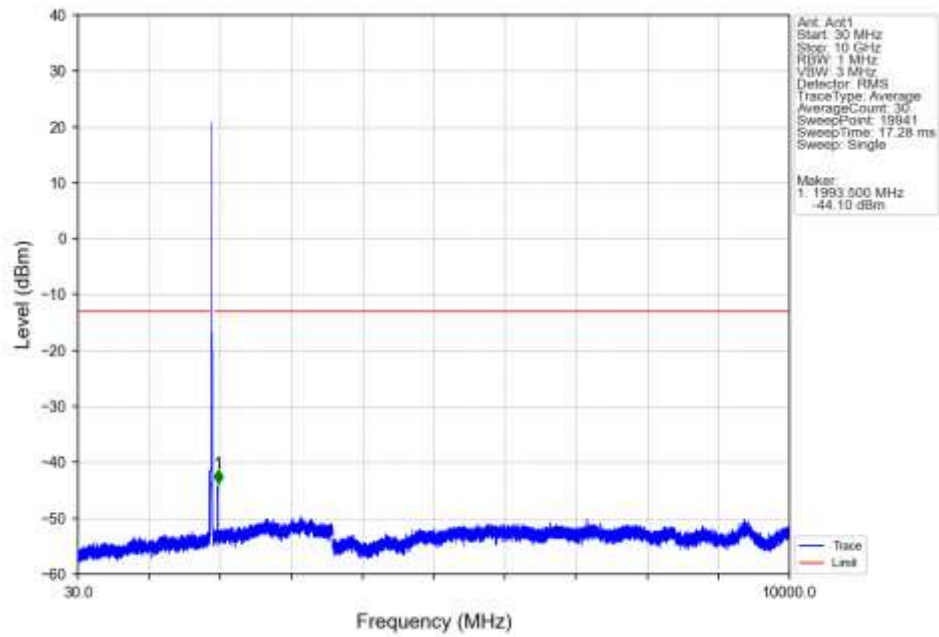
Band25 15MHz 16QAM HCH 1907.5MHz RB 1 0 NTNV



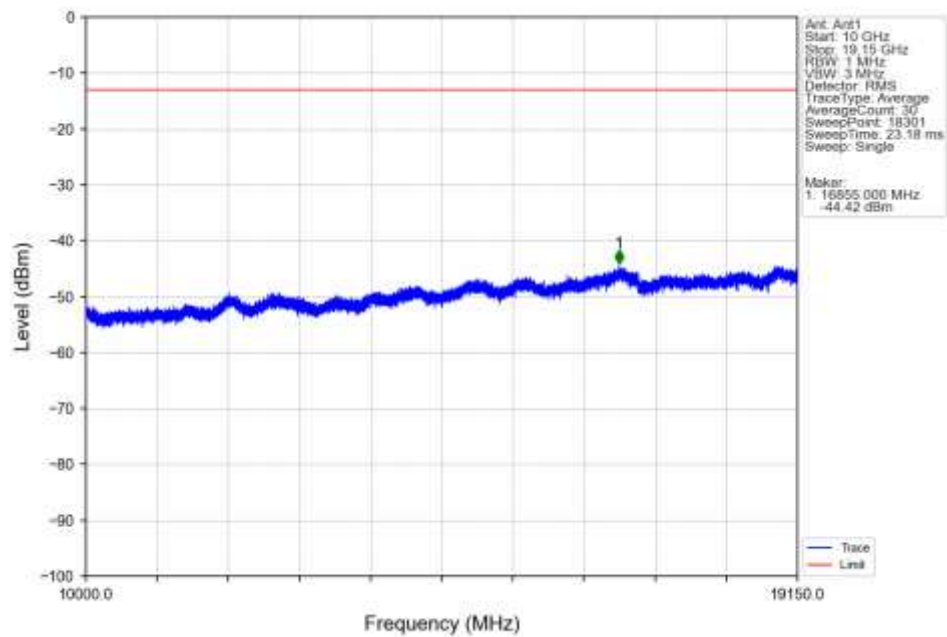
Band25 15MHz 16QAM HCH 1907.5MHz RB 1 0 NTNV



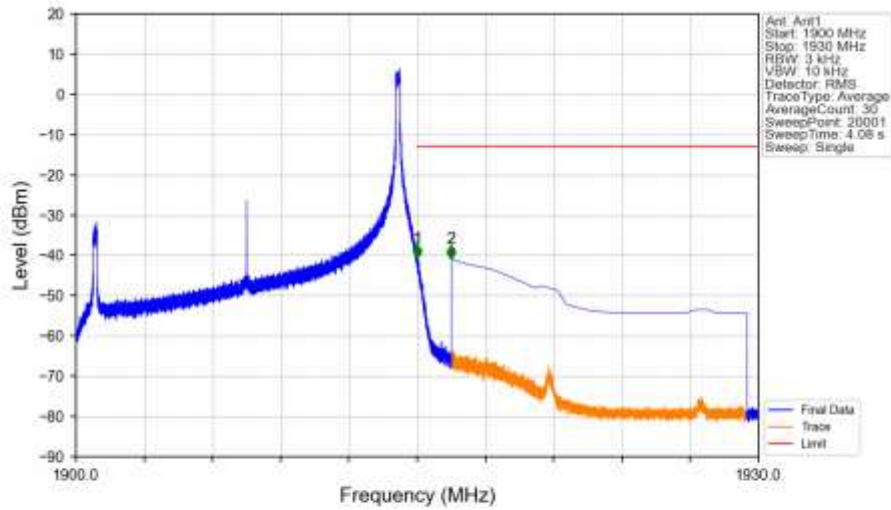
Band25 15MHz 16QAM HCH 1907.5MHz RB 1 0 NTNV



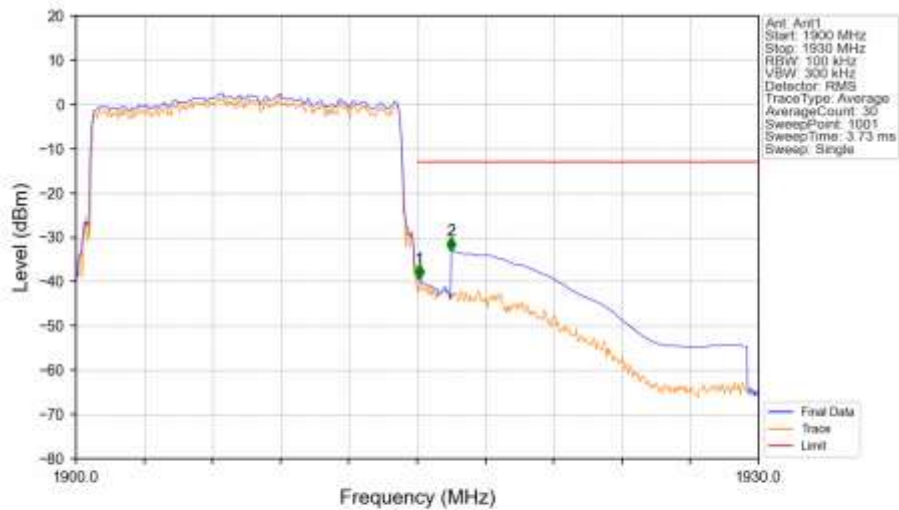
Band25 15MHz 16QAM HCH 1907.5MHz RB 1 0 NTNV



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

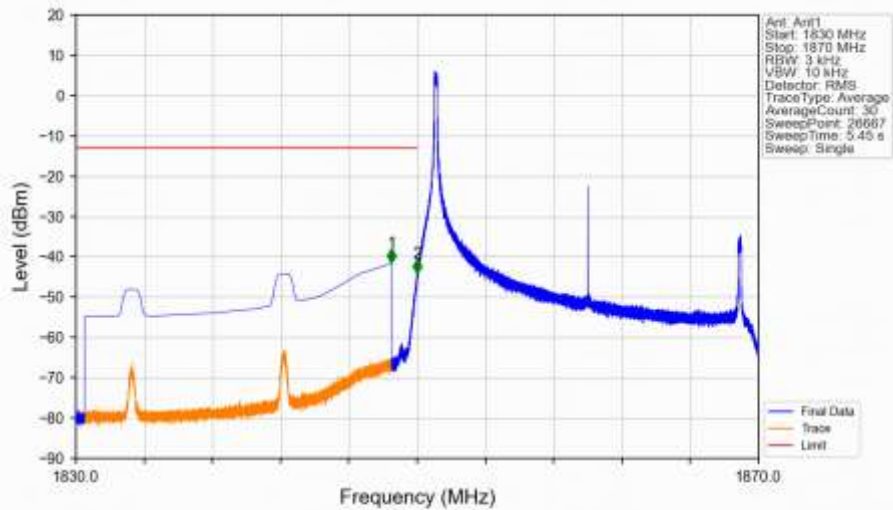


Band25 15MHz 16QAM HCH 1907.5MHz RB 75 0 NTNV

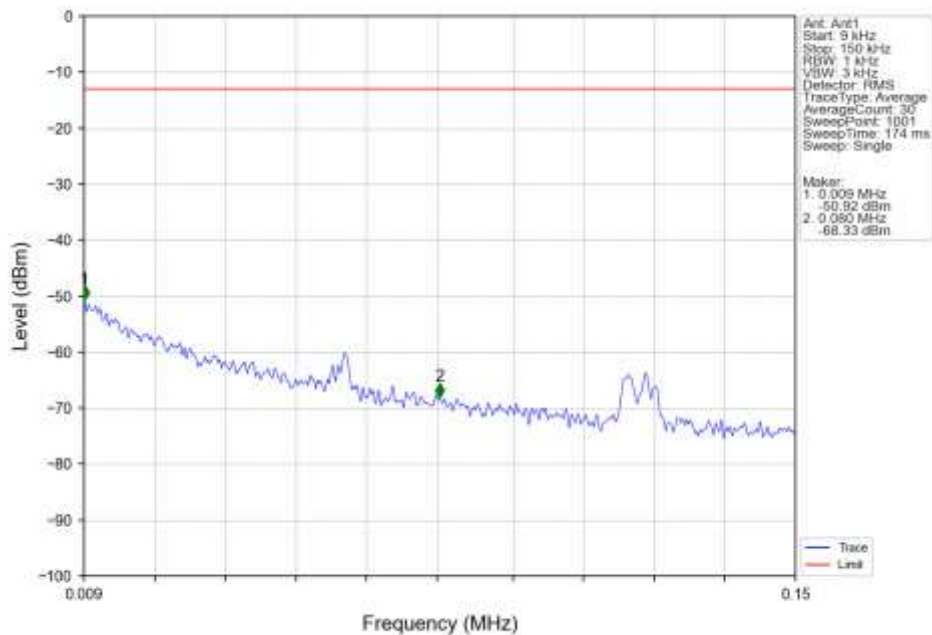


### 6.2.6 B25\_20MHz

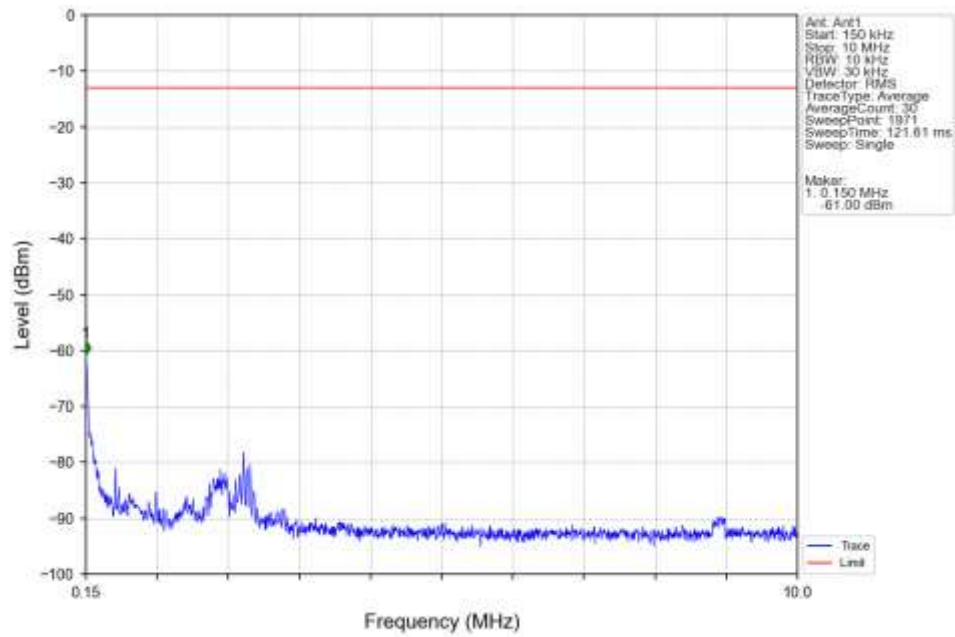
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_1\_0\_NTNV



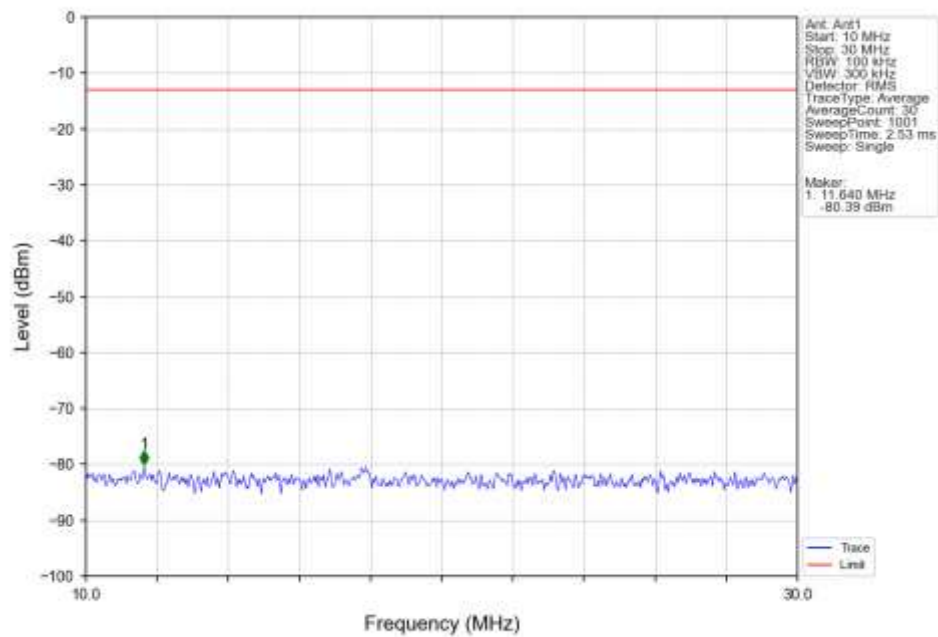
Band25\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_1\_0\_NTNV



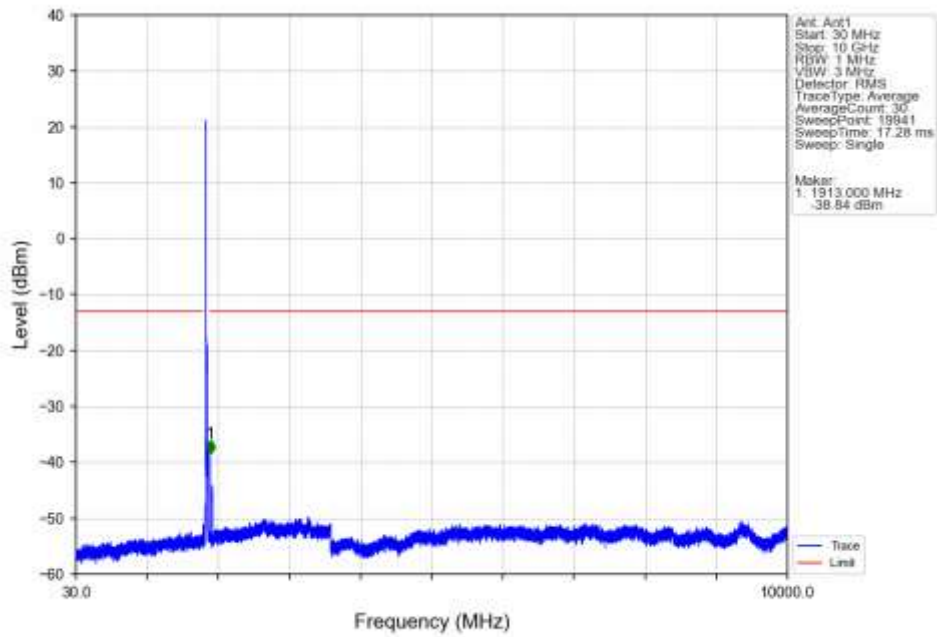
Band25 20MHz QPSK LCH 1860MHz RB 1 0 NTNV



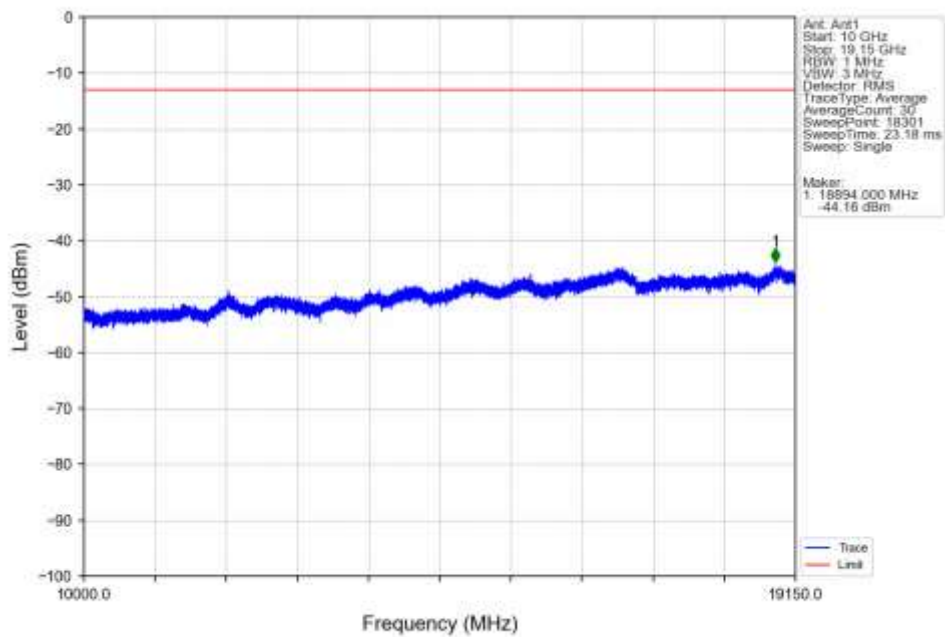
Band25 20MHz QPSK LCH 1860MHz RB 1 0 NTNV



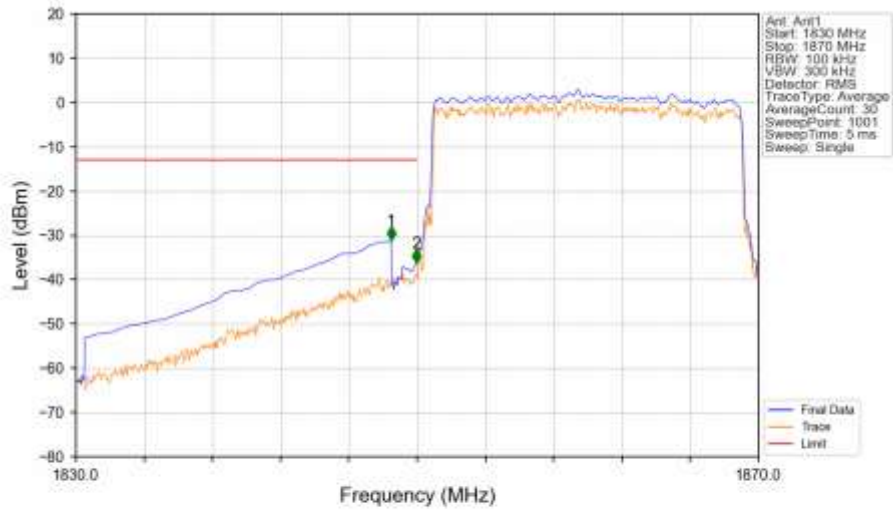
Band25 20MHz QPSK LCH 1860MHz RB 1 0 NTN



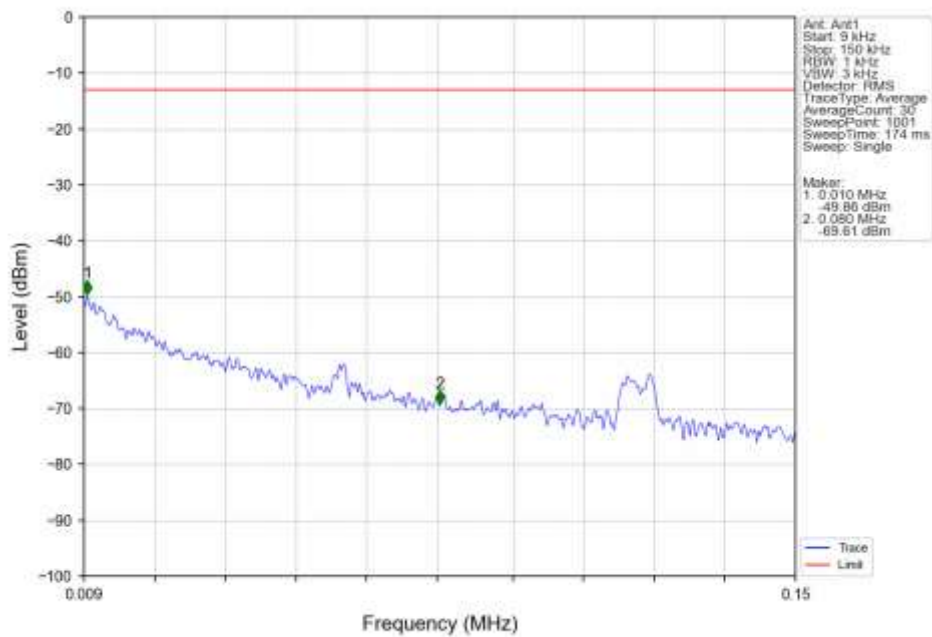
Band25 20MHz QPSK LCH 1860MHz RB 1 0 NTN



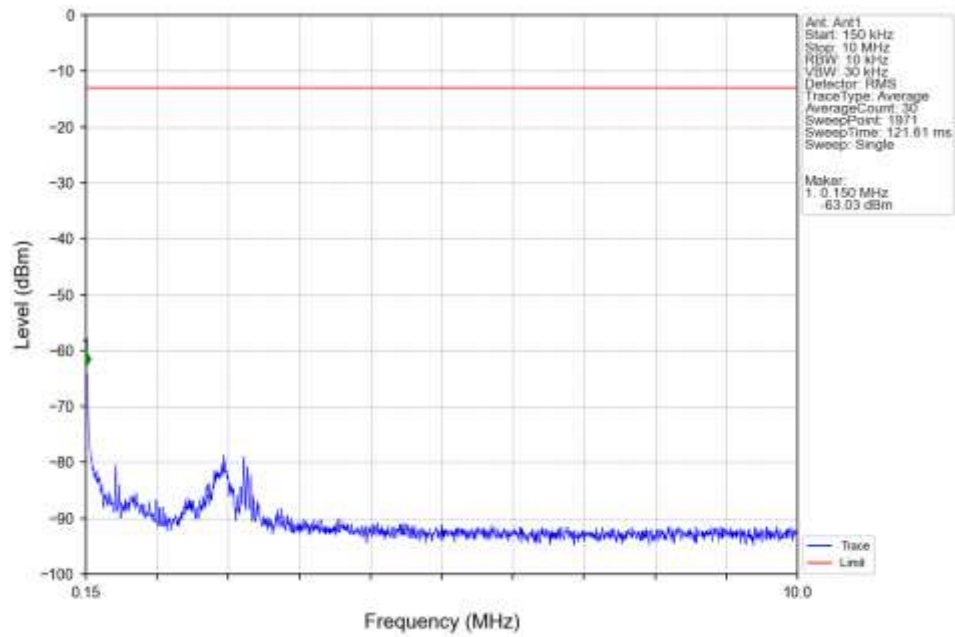
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTV



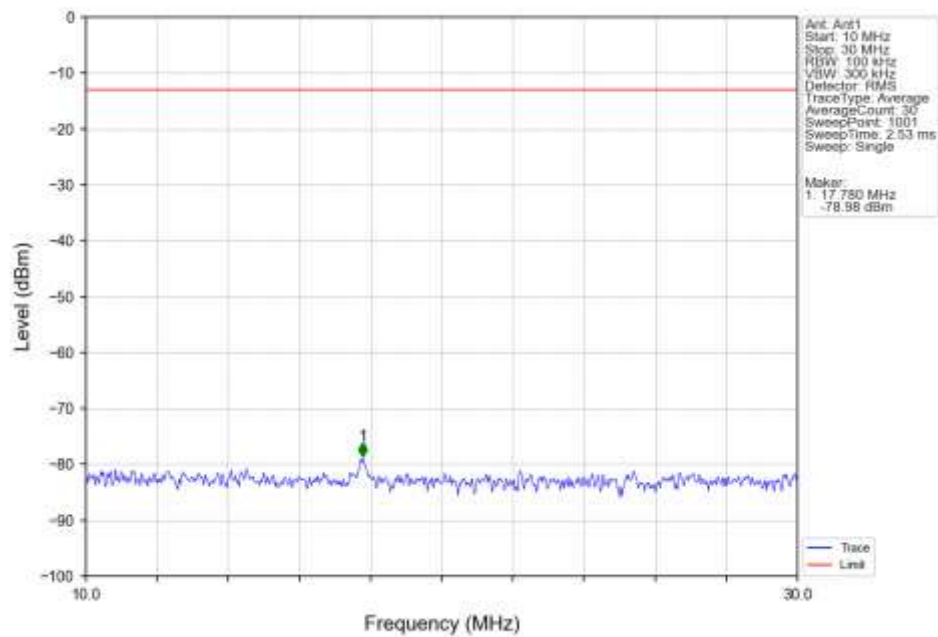
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTV



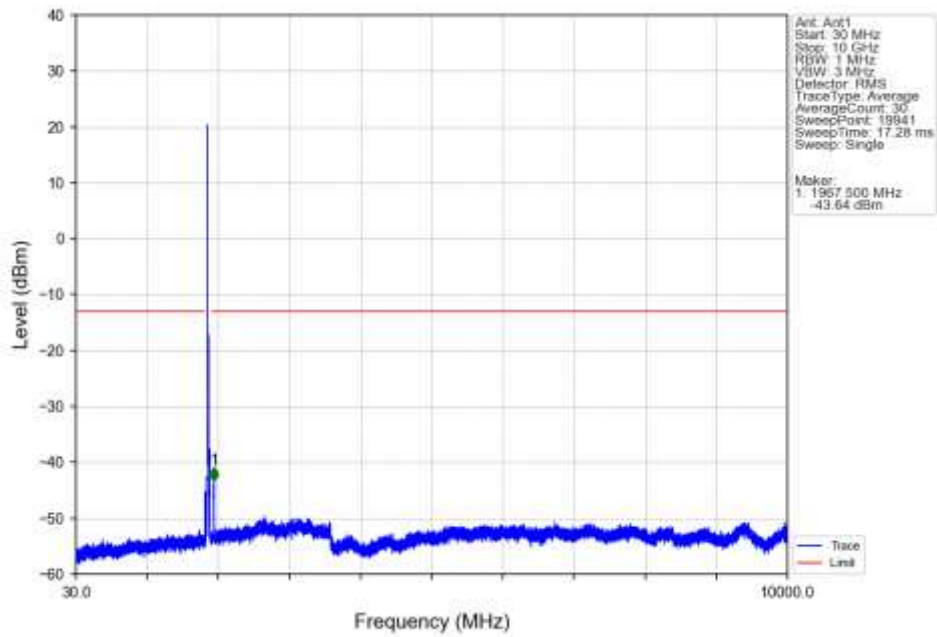
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



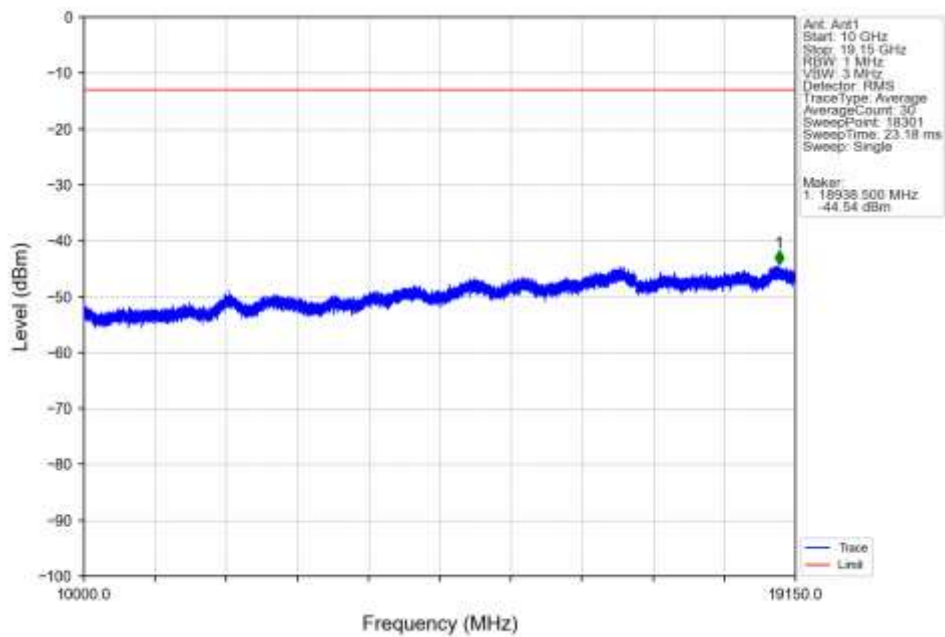
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



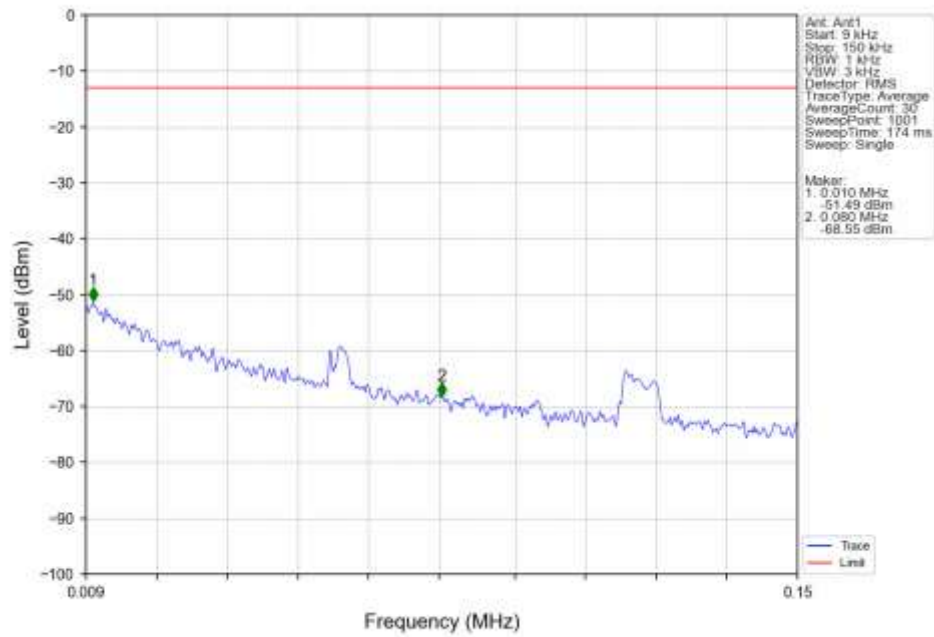
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



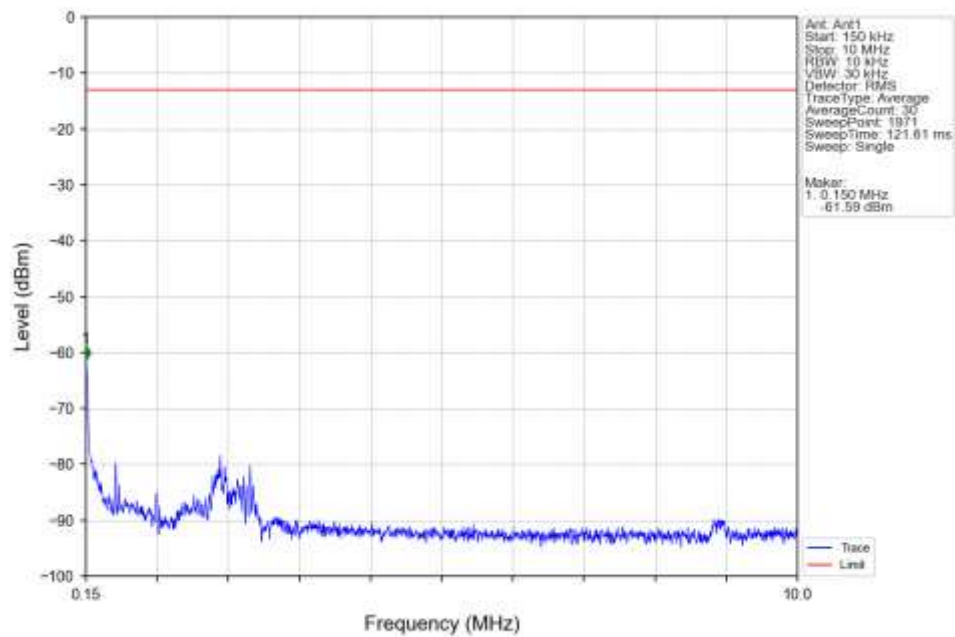
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



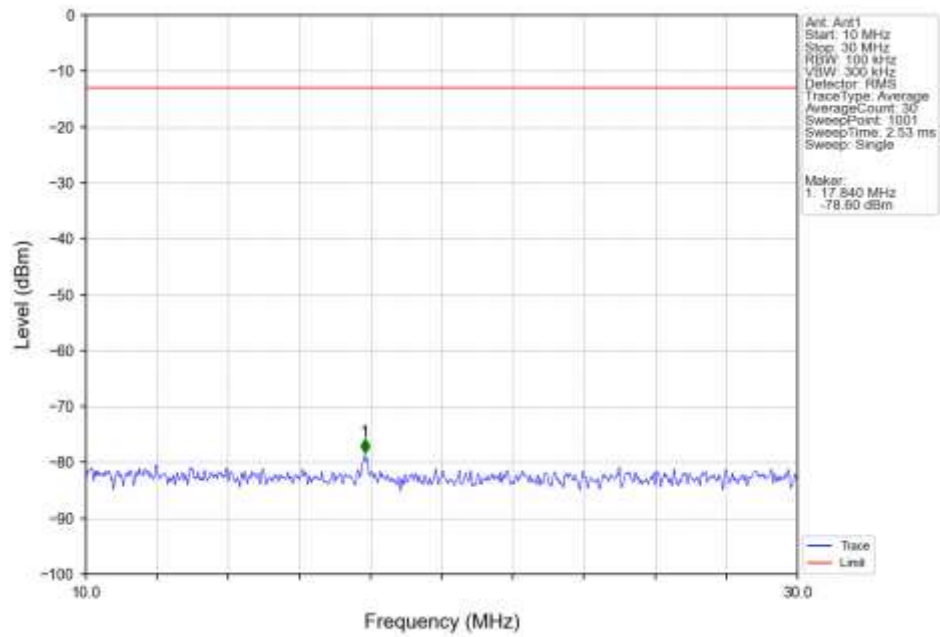
Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTN



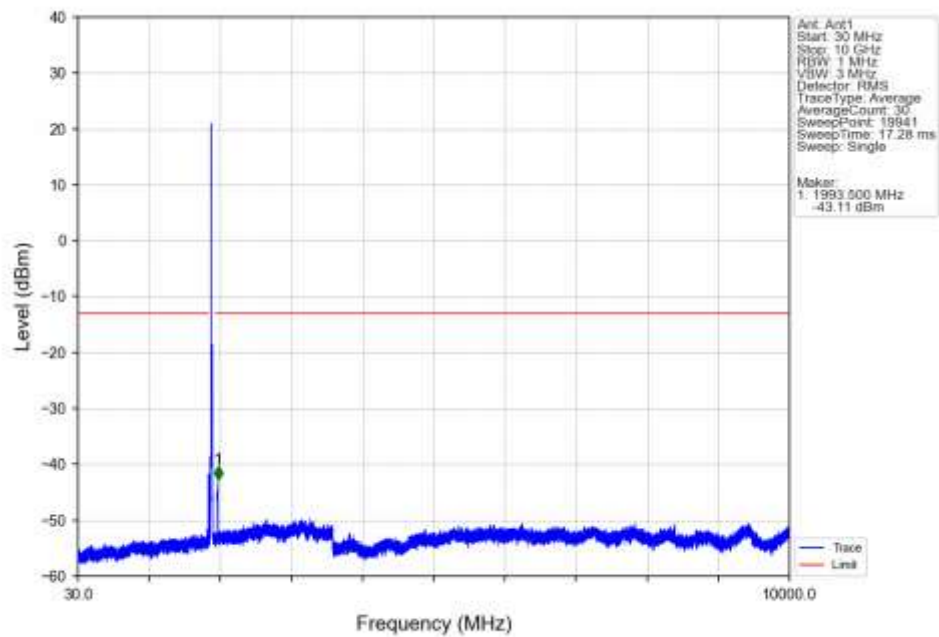
Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTN



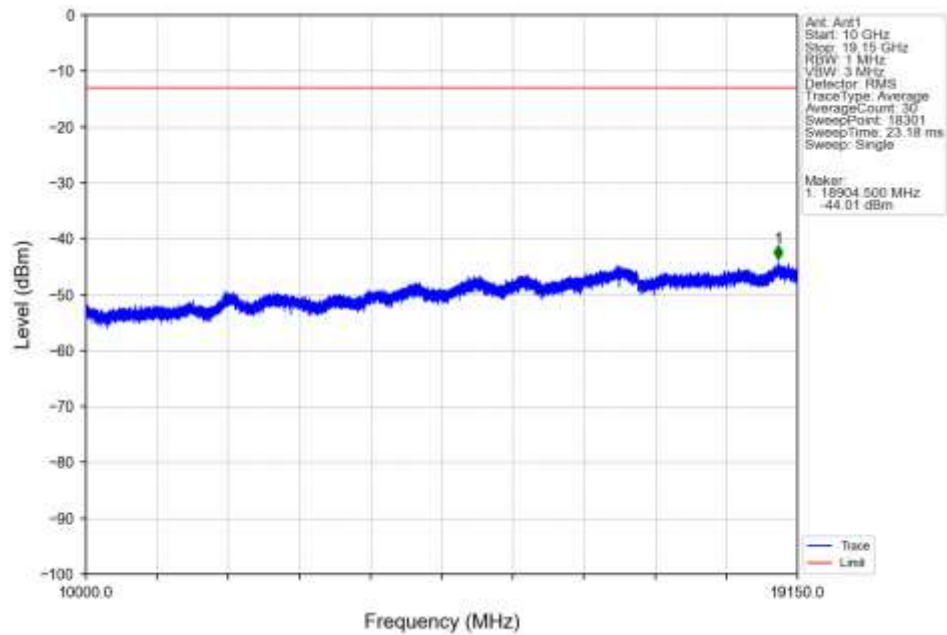
Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTN



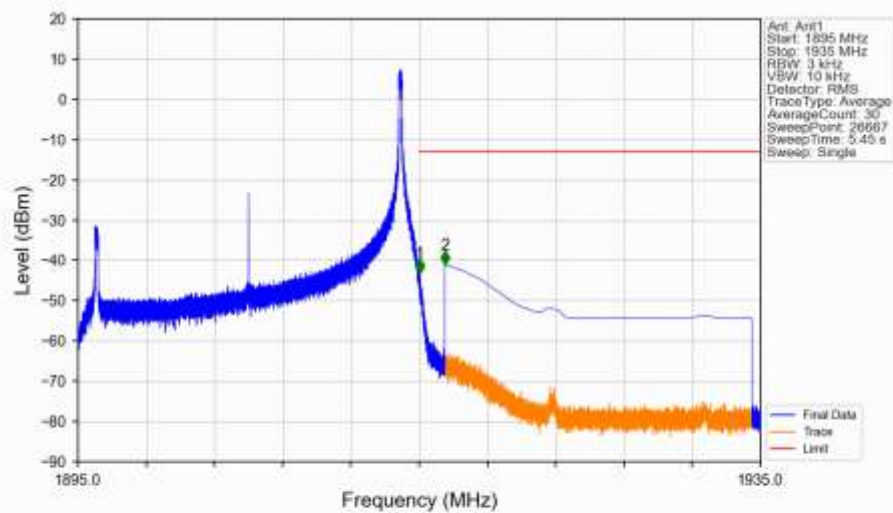
Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTN



Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTNV

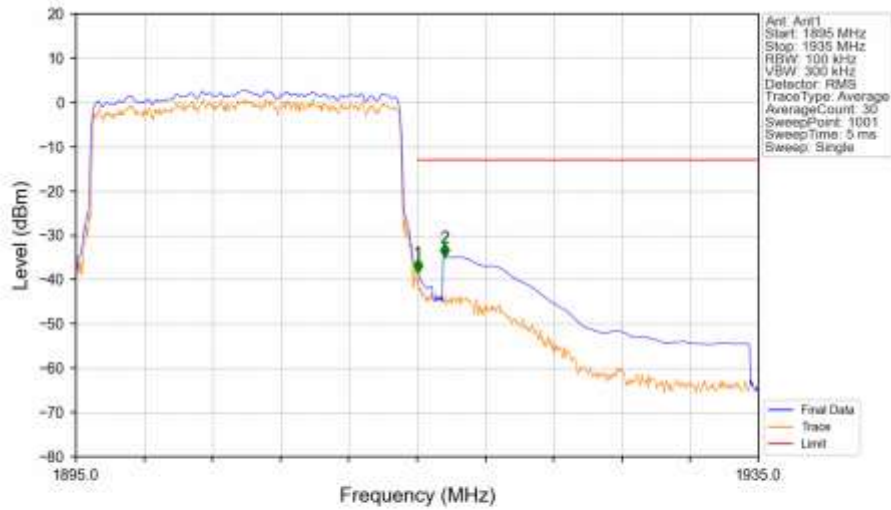


Band25 20MHz QPSK HCH 1905MHz RB 1 99 NTNV

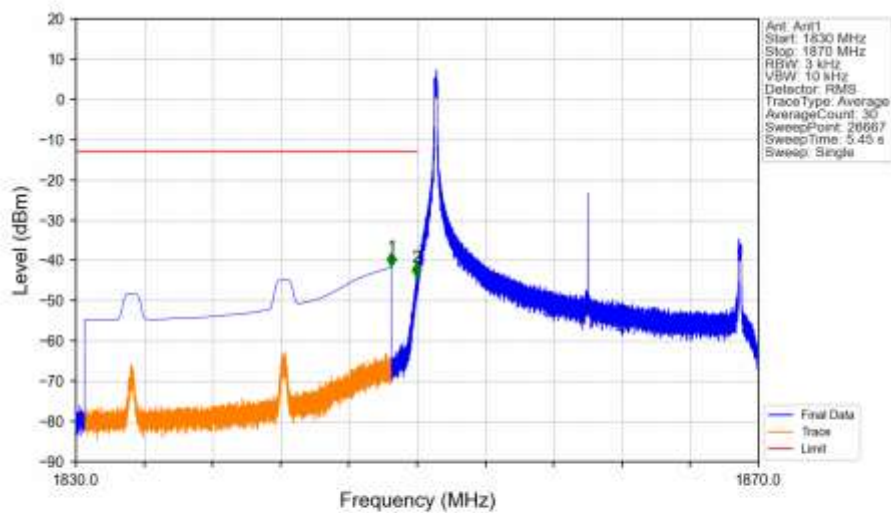


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1895        | 1915       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.003     | /      | 1          | 1915.030   | -43.03      | -13         | Pass   |
| 1916        | 1935       | 1         | CHP    | 2          | 1916.500   | -41.01      | -13         | Pass   |

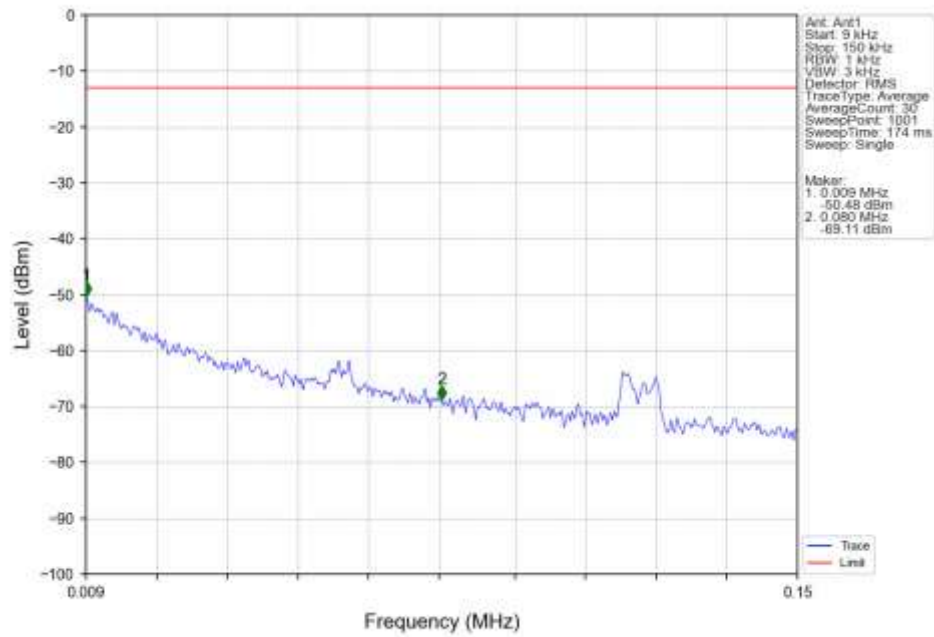
## Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTNV



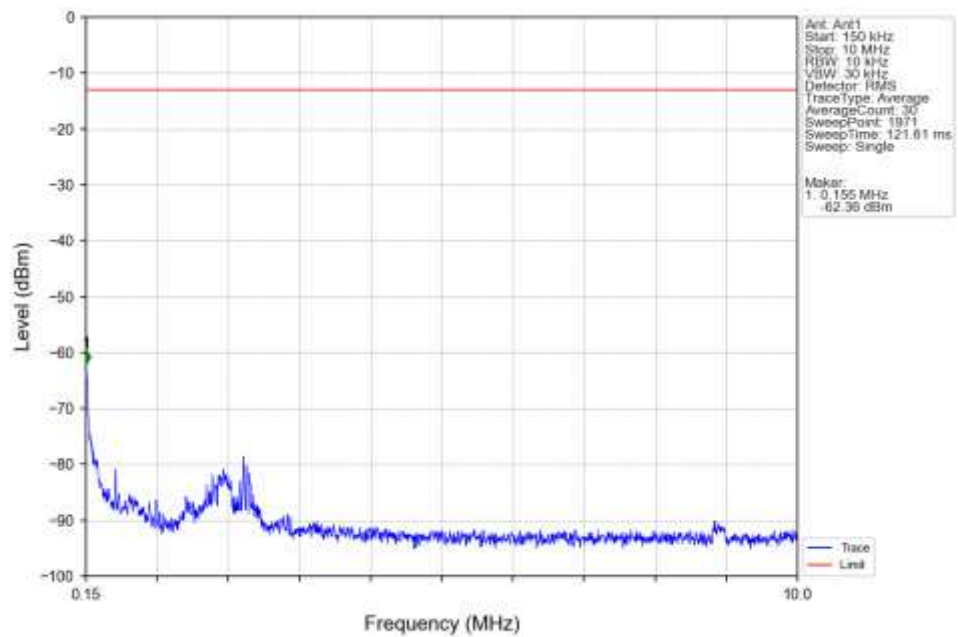
## Band25 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV



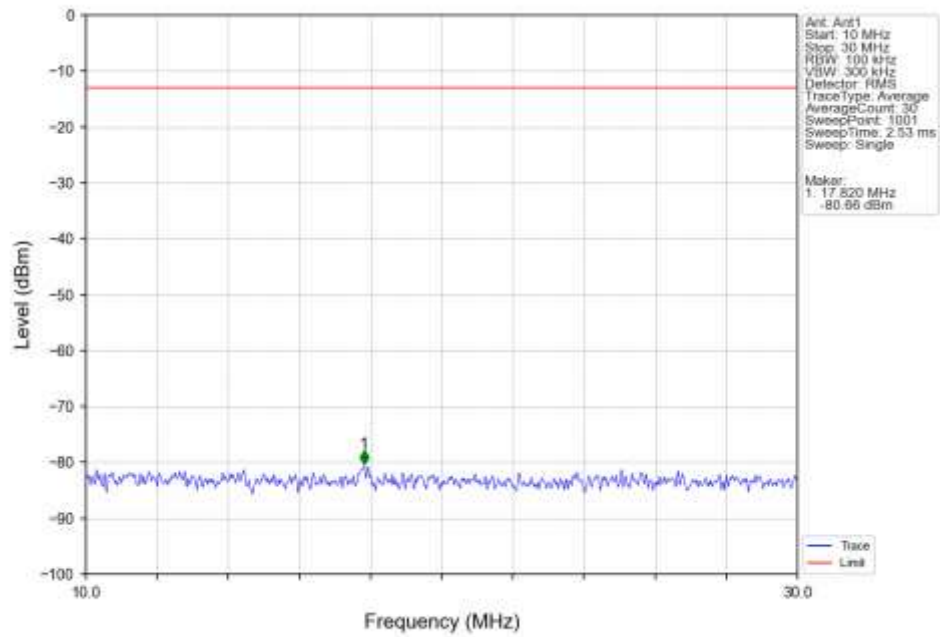
Band25 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV



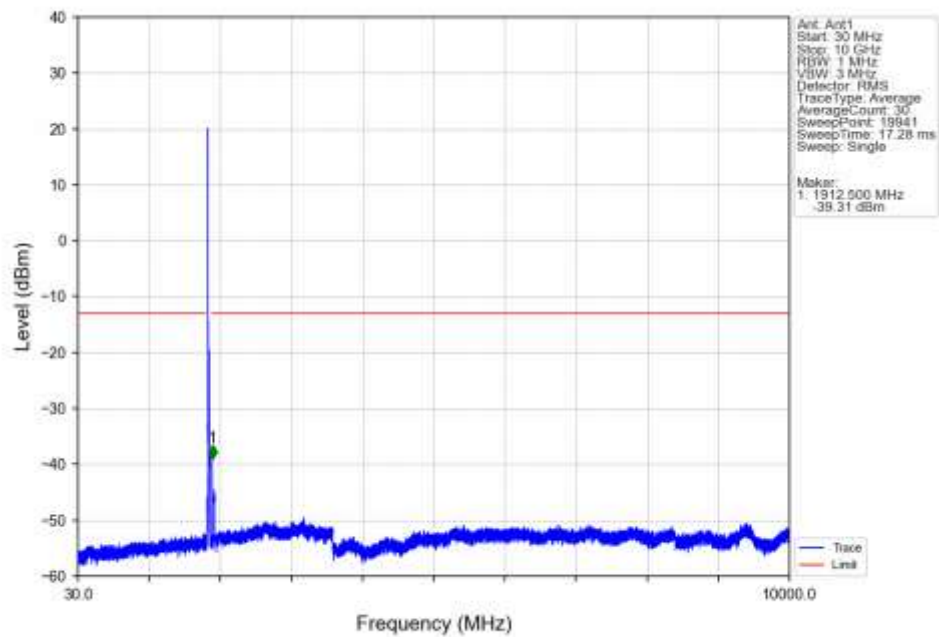
Band25 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV



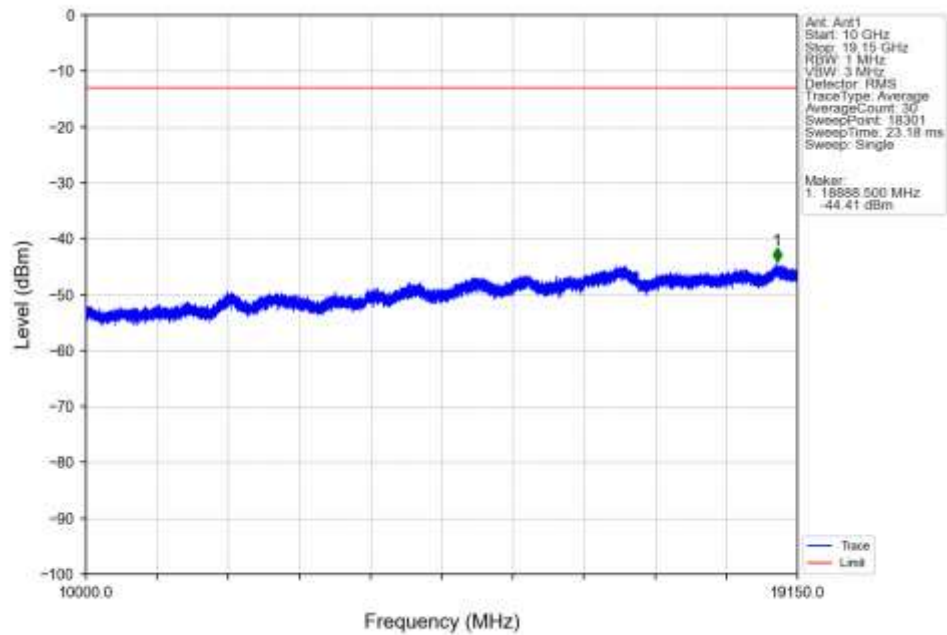
Band25 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV



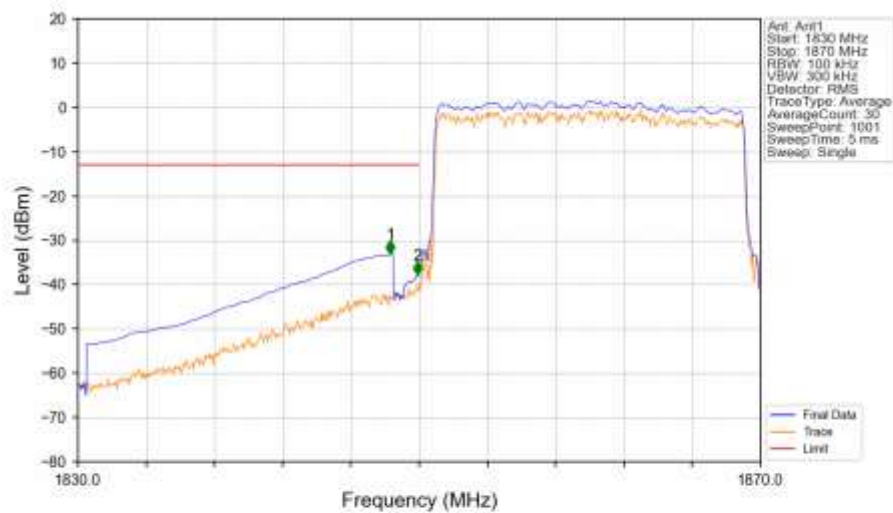
Band25 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV



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

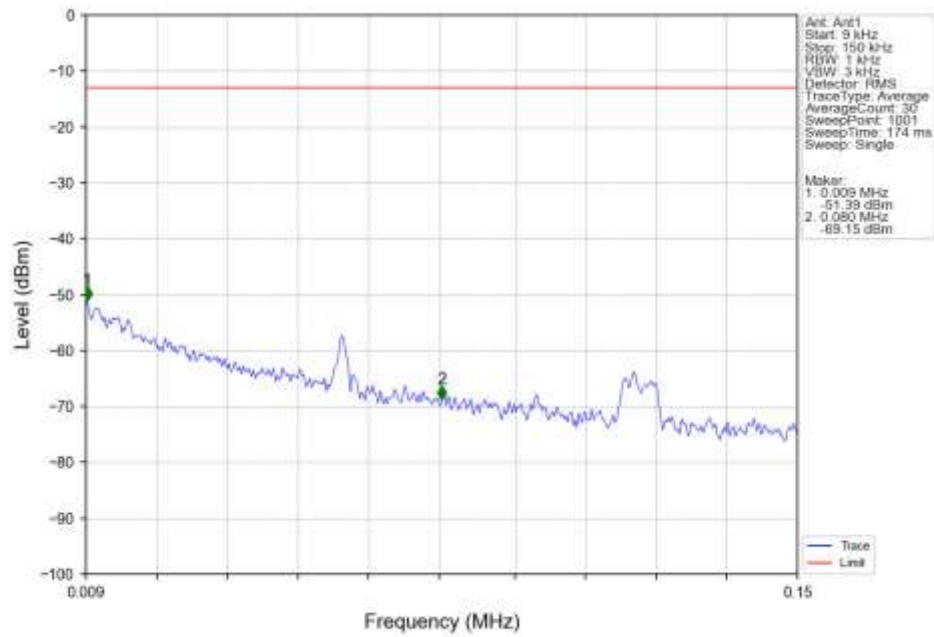


Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV

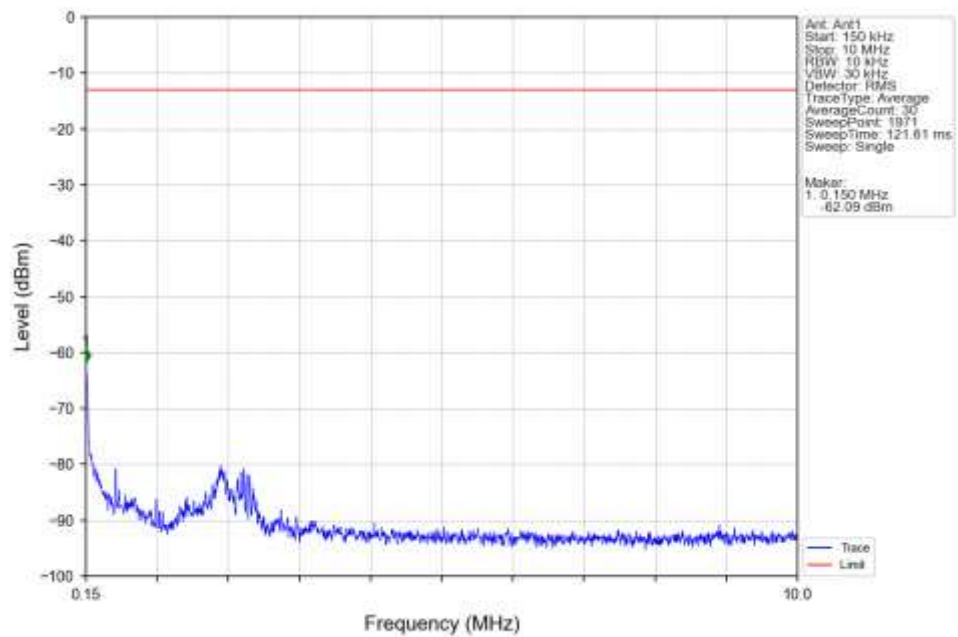


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1830        | 1849       | 1         | CHP    | 1          | 1848.320   | -33.18      | -13         | Pass   |
| 1849        | 1850       | 0.201     | CHP    | 2          | 1849.920   | -37.92      | -13         | Pass   |
| 1850        | 1870       | 0.201     | CHP    | /          | /          | /           | /           | /      |

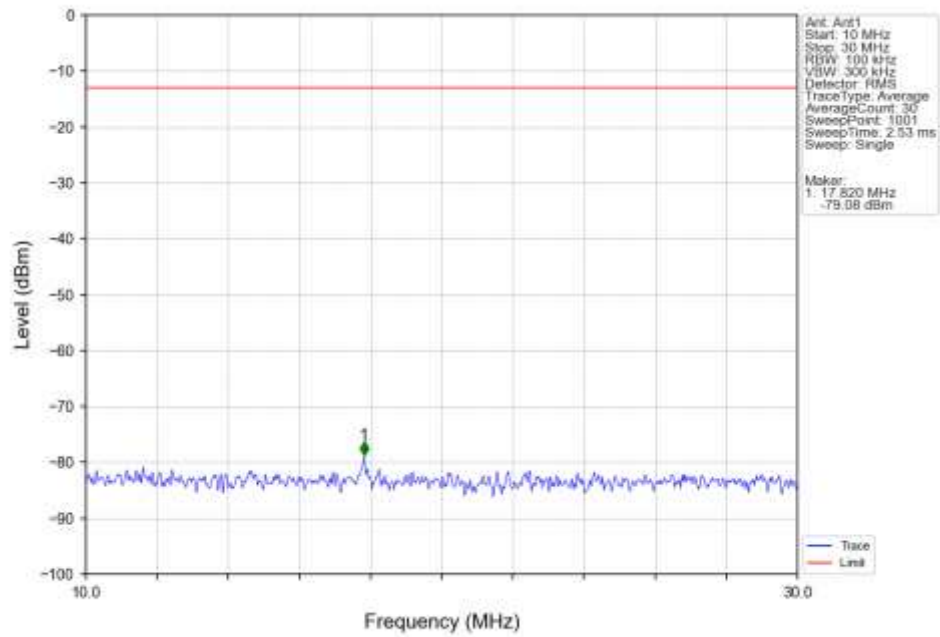
Band25 20MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



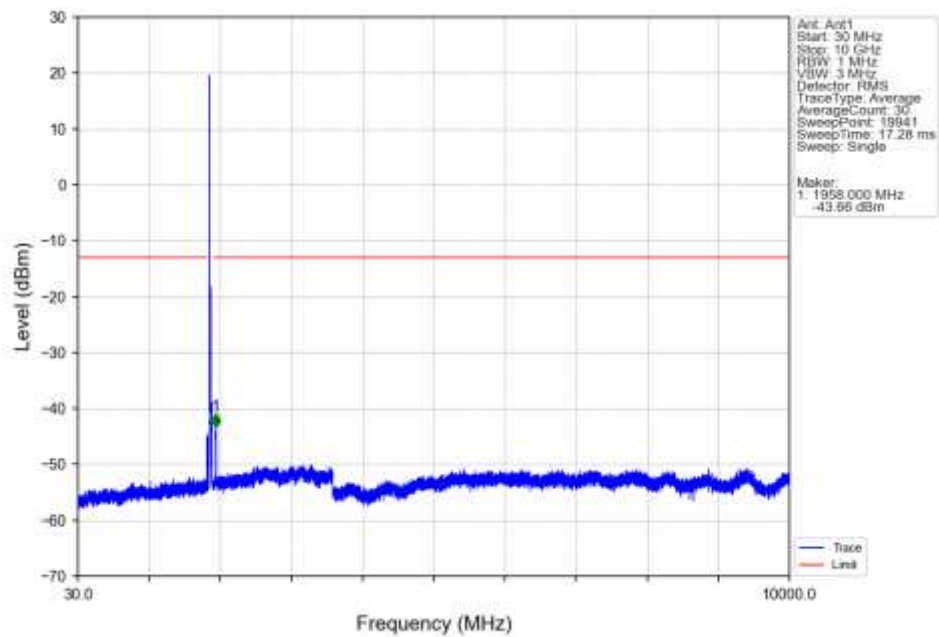
Band25 20MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



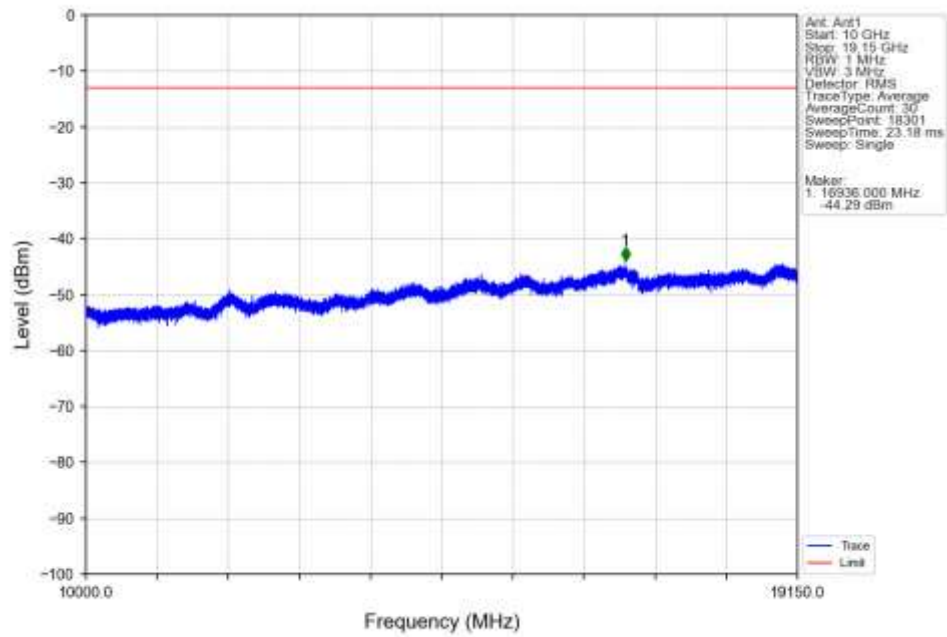
Band25 20MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



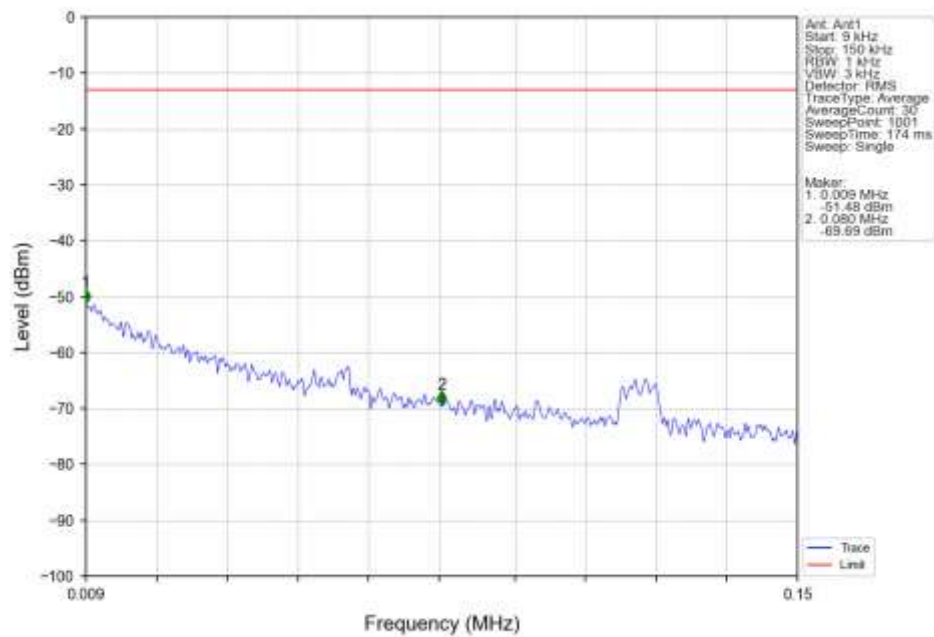
Band25 20MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



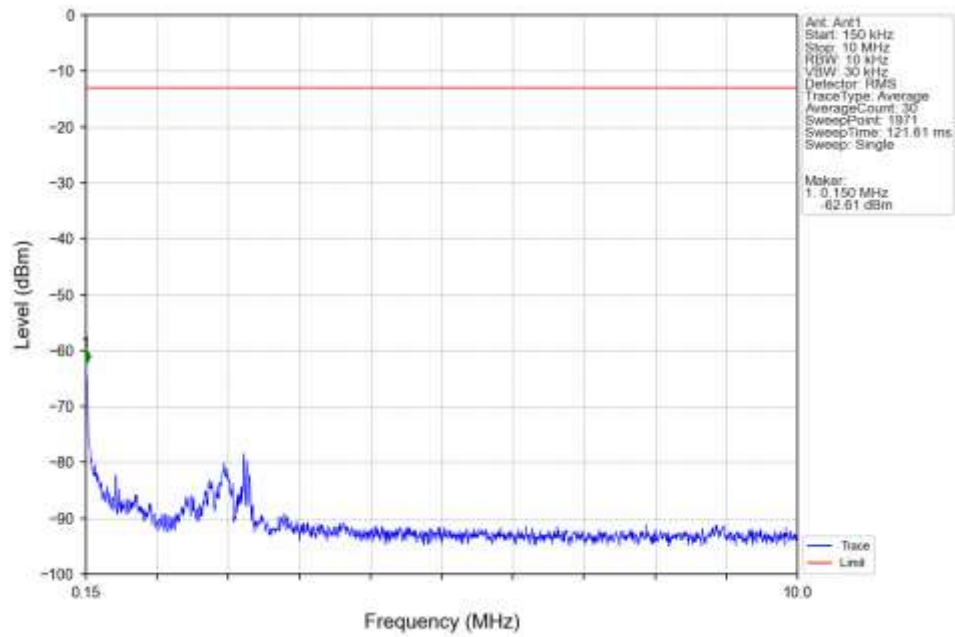
Band25 20MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



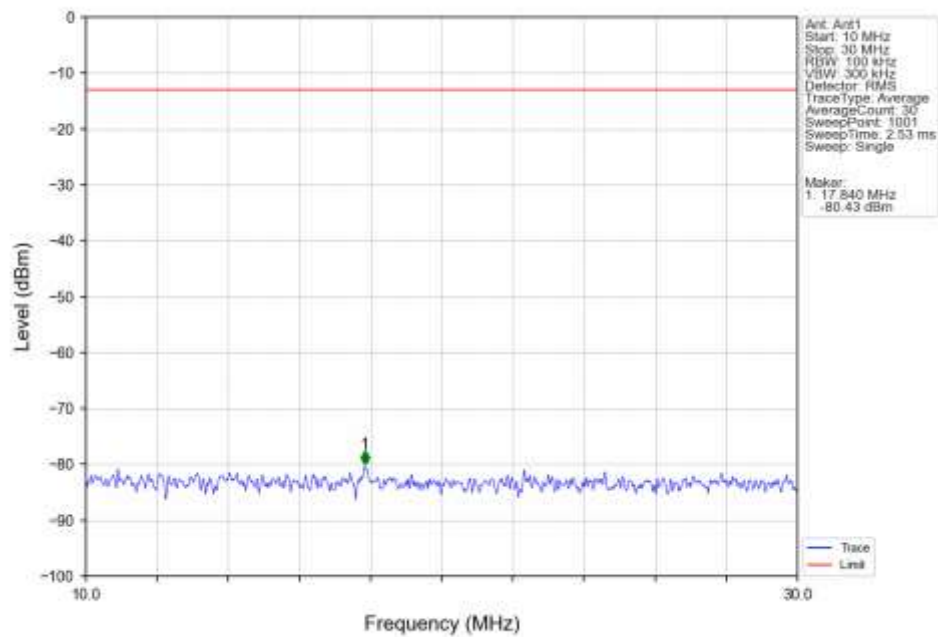
Band25 20MHz 16QAM HCH 1905MHz RB 1 0 NTNV



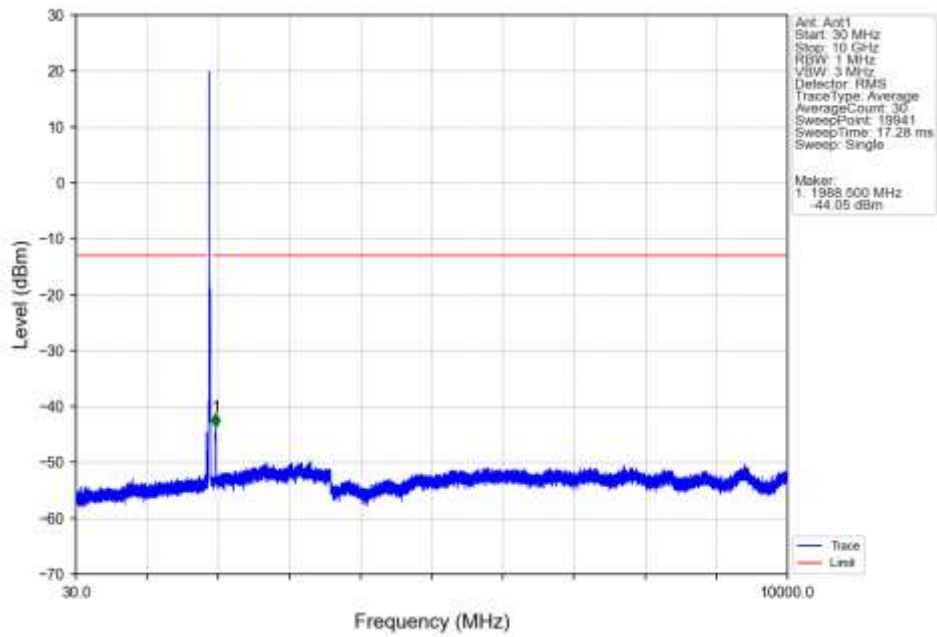
Band25 20MHz 16QAM HCH 1905MHz RB 1 0 NTV



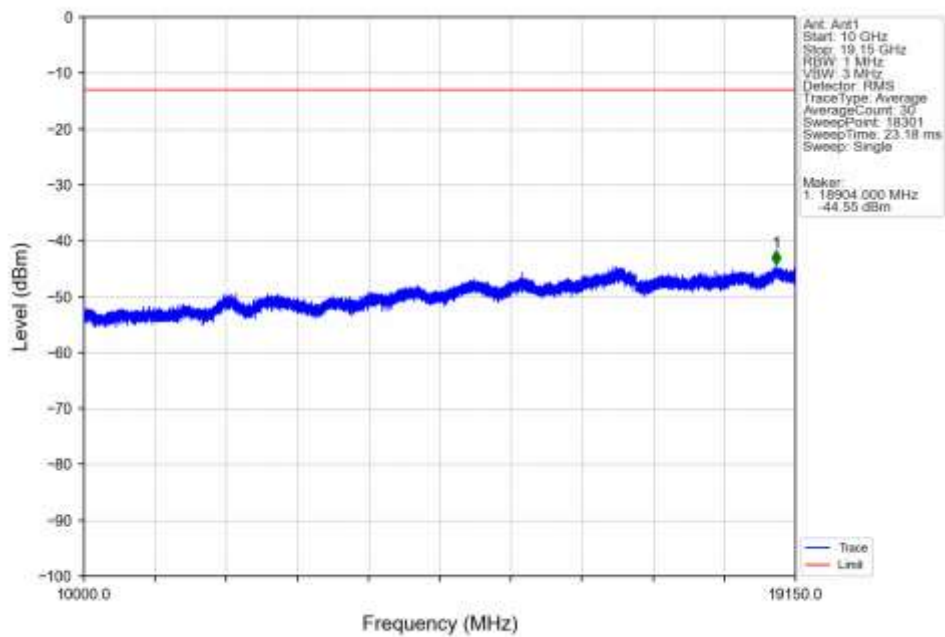
Band25 20MHz 16QAM HCH 1905MHz RB 1 0 NTV



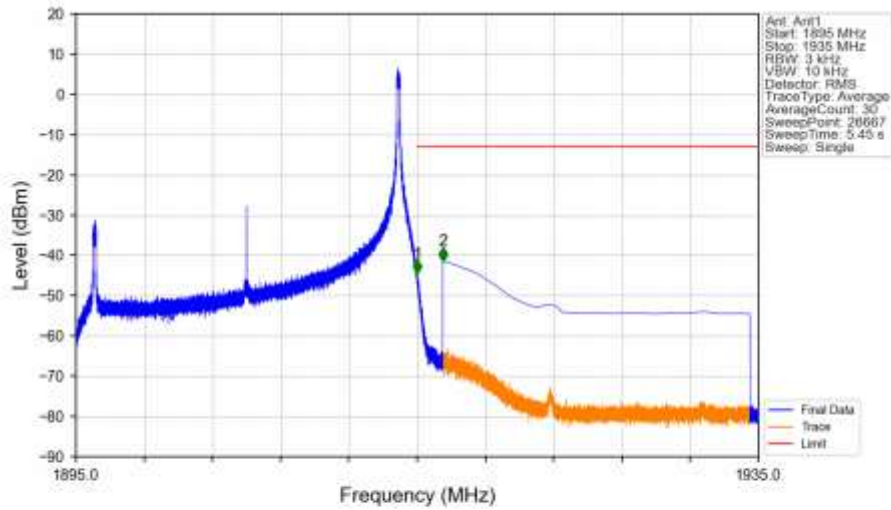
Band25 20MHz 16QAM HCH 1905MHz RB 1 0 NTV



Band25 20MHz 16QAM HCH 1905MHz RB 1 0 NTV

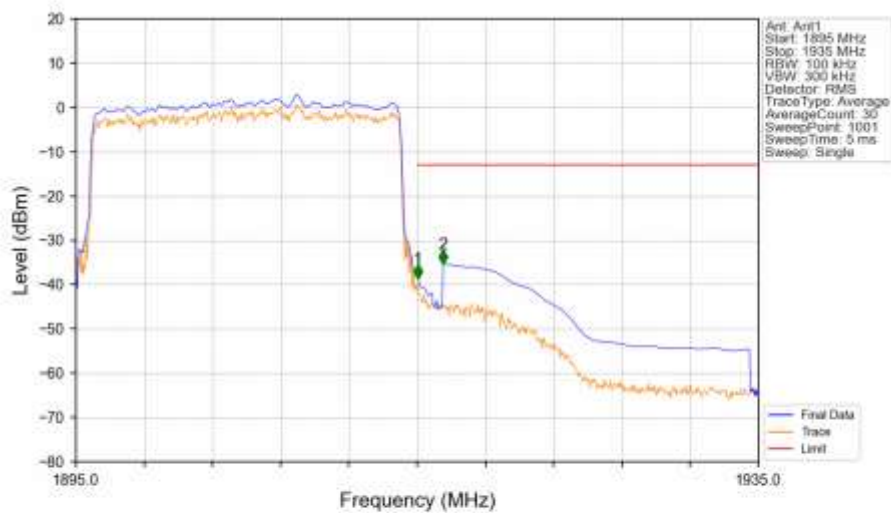


Band25 20MHz 16QAM HCH 1905MHz RB 1 99 NTNV



| 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          | 1915.007   | -44.45      | -13         | Pass   |
| 1916        | 1935       | 1         | CHP    | 2          | 1916.500   | -41.35      | -13         | Pass   |

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



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1895        | 1915       | 0.2       | CHP    | /          | /          | /           | /           | /      |
| 1915        | 1916       | 0.2       | CHP    | 1          | 1915.040   | -38.66      | -13         | Pass   |
| 1916        | 1935       | 1         | CHP    | 2          | 1916.520   | -35.37      | -13         | Pass   |

## 7. Form731

### 7.1 Test Result

#### 7.1.1 Form731\_Power

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 25   | 1.4 | 1850.7     | 1914.3    | 0.1406        | 0.0017 | ppm    | 1M10G7D             | 24E        | 21.48           |
| 25   | 1.4 | 1850.7     | 1914.3    | 0.1107        | 0.0012 | ppm    | 1M11W7D             | 24E        | 20.44           |
| 25   | 3   | 1851.5     | 1913.5    | 0.1250        | 0.0017 | ppm    | 2M72G7D             | 24E        | 20.97           |
| 25   | 3   | 1851.5     | 1913.5    | 0.1104        | 0.0024 | ppm    | 2M72W7D             | 24E        | 20.43           |
| 25   | 5   | 1852.5     | 1912.5    | 0.1122        | 0.0012 | ppm    | 4M57G7D             | 24E        | 20.50           |
| 25   | 5   | 1852.5     | 1912.5    | 0.0931        | 0.0012 | ppm    | 4M59W7D             | 24E        | 19.69           |
| 25   | 10  | 1855       | 1910      | 0.1172        | 0.0014 | ppm    | 9M07G7D             | 24E        | 20.69           |
| 25   | 10  | 1855       | 1910      | 0.0995        | 0.0019 | ppm    | 9M08W7D             | 24E        | 19.98           |
| 25   | 15  | 1857.5     | 1907.5    | 0.1194        | 0.0008 | ppm    | 13M6G7D             | 24E        | 20.77           |
| 25   | 15  | 1857.5     | 1907.5    | 0.1112        | 0.0010 | ppm    | 13M6W7D             | 24E        | 20.46           |
| 25   | 20  | 1860       | 1905      | 0.1225        | 0.0010 | ppm    | 18M1G7D             | 24E        | 20.88           |
| 25   | 20  | 1860       | 1905      | 0.1026        | 0.0009 | ppm    | 18M1W7D             | 24E        | 20.11           |

#### 7.1.2 Form731\_EIRP

| Band | BW  | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 25   | 1.4 | 1850.7     | 1914.3    | 0.2009        | 0.0017 | ppm    | 1M10G7D             | 24E        | 23.03           |
| 25   | 1.4 | 1850.7     | 1914.3    | 0.1581        | 0.0012 | ppm    | 1M11W7D             | 24E        | 21.99           |
| 25   | 3   | 1851.5     | 1913.5    | 0.1786        | 0.0017 | ppm    | 2M72G7D             | 24E        | 22.52           |
| 25   | 3   | 1851.5     | 1913.5    | 0.1578        | 0.0024 | ppm    | 2M72W7D             | 24E        | 21.98           |
| 25   | 5   | 1852.5     | 1912.5    | 0.1603        | 0.0012 | ppm    | 4M57G7D             | 24E        | 22.05           |
| 25   | 5   | 1852.5     | 1912.5    | 0.1330        | 0.0012 | ppm    | 4M59W7D             | 24E        | 21.24           |
| 25   | 10  | 1855       | 1910      | 0.1675        | 0.0014 | ppm    | 9M07G7D             | 24E        | 22.24           |
| 25   | 10  | 1855       | 1910      | 0.1422        | 0.0019 | ppm    | 9M08W7D             | 24E        | 21.53           |
| 25   | 15  | 1857.5     | 1907.5    | 0.1706        | 0.0008 | ppm    | 13M6G7D             | 24E        | 22.32           |
| 25   | 15  | 1857.5     | 1907.5    | 0.1589        | 0.0010 | ppm    | 13M6W7D             | 24E        | 22.01           |
| 25   | 20  | 1860       | 1905      | 0.1750        | 0.0010 | ppm    | 18M1G7D             | 24E        | 22.43           |
| 25   | 20  | 1860       | 1905      | 0.1466        | 0.0009 | ppm    | 18M1W7D             | 24E        | 21.66           |