

|                                   |
|-----------------------------------|
| Band: 7 / Bandwidth: 10MHz / NTNV |
|-----------------------------------|

| Modulation | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
|            |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK       | 2505            | 1             | 0      | 19.03                 | -1.01      | 18.02      | <=33.01 | Pass    |
|            |                 |               | 25     | 19.15                 | -1.01      | 18.14      | <=33.01 | Pass    |
|            |                 |               | 49     | 19.30                 | -1.01      | 18.29      | <=33.01 | Pass    |
|            |                 | 25            | 0      | 18.10                 | -1.01      | 17.09      | <=33.01 | Pass    |
|            |                 |               | 13     | 18.11                 | -1.01      | 17.10      | <=33.01 | Pass    |
|            |                 |               | 25     | 18.14                 | -1.01      | 17.13      | <=33.01 | Pass    |
|            |                 | 50            | 0      | 18.16                 | -1.01      | 17.15      | <=33.01 | Pass    |
|            | 2535            | 1             | 0      | 19.47                 | -1.01      | 18.46      | <=33.01 | Pass    |
|            |                 |               | 25     | 19.60                 | -1.01      | 18.59      | <=33.01 | Pass    |
|            |                 |               | 49     | 19.70                 | -1.01      | 18.69      | <=33.01 | Pass    |
|            |                 | 25            | 0      | 18.58                 | -1.01      | 17.57      | <=33.01 | Pass    |
|            |                 |               | 13     | 18.61                 | -1.01      | 17.60      | <=33.01 | Pass    |
|            |                 |               | 25     | 18.70                 | -1.01      | 17.69      | <=33.01 | Pass    |
|            |                 | 50            | 0      | 18.61                 | -1.01      | 17.60      | <=33.01 | Pass    |
|            | 2565            | 1             | 0      | 19.97                 | -1.01      | 18.96      | <=33.01 | Pass    |
|            |                 |               | 25     | 20.11                 | -1.01      | 19.10      | <=33.01 | Pass    |
|            |                 |               | 49     | 20.14                 | -1.01      | 19.13      | <=33.01 | Pass    |
|            |                 | 25            | 0      | 19.06                 | -1.01      | 18.05      | <=33.01 | Pass    |
|            |                 |               | 13     | 19.09                 | -1.01      | 18.08      | <=33.01 | Pass    |
|            |                 |               | 25     | 19.02                 | -1.01      | 18.01      | <=33.01 | Pass    |
|            |                 | 50            | 0      | 19.12                 | -1.01      | 18.11      | <=33.01 | Pass    |
| 16QAM      | 2505            | 1             | 0      | 18.10                 | -1.01      | 17.09      | <=33.01 | Pass    |
|            |                 |               | 25     | 18.11                 | -1.01      | 17.10      | <=33.01 | Pass    |
|            |                 |               | 49     | 18.09                 | -1.01      | 17.08      | <=33.01 | Pass    |
|            |                 | 25            | 0      | 17.34                 | -1.01      | 16.33      | <=33.01 | Pass    |
|            |                 |               | 13     | 17.39                 | -1.01      | 16.38      | <=33.01 | Pass    |
|            |                 |               | 25     | 17.39                 | -1.01      | 16.38      | <=33.01 | Pass    |
|            |                 | 50            | 0      | 17.29                 | -1.01      | 16.28      | <=33.01 | Pass    |
|            | 2535            | 1             | 0      | 18.99                 | -1.01      | 17.98      | <=33.01 | Pass    |
|            |                 |               | 25     | 19.06                 | -1.01      | 18.05      | <=33.01 | Pass    |
|            |                 |               | 49     | 19.22                 | -1.01      | 18.21      | <=33.01 | Pass    |
|            |                 | 25            | 0      | 17.78                 | -1.01      | 16.77      | <=33.01 | Pass    |
|            |                 |               | 13     | 17.88                 | -1.01      | 16.87      | <=33.01 | Pass    |
|            |                 |               | 25     | 17.85                 | -1.01      | 16.84      | <=33.01 | Pass    |
|            |                 | 50            | 0      | 17.90                 | -1.01      | 16.89      | <=33.01 | Pass    |
|            | 2565            | 1             | 0      | 19.31                 | -1.01      | 18.30      | <=33.01 | Pass    |
|            |                 |               | 25     | 19.48                 | -1.01      | 18.47      | <=33.01 | Pass    |
|            |                 |               | 49     | 19.45                 | -1.01      | 18.44      | <=33.01 | Pass    |
|            |                 | 25            | 0      | 18.28                 | -1.01      | 17.27      | <=33.01 | Pass    |
|            |                 |               | 13     | 18.33                 | -1.01      | 17.32      | <=33.01 | Pass    |
|            |                 |               | 25     | 18.21                 | -1.01      | 17.20      | <=33.01 | Pass    |
|            |                 | 50            | 0      | 18.28                 | -1.01      | 17.27      | <=33.01 | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.3 B7\_15MHz\_EIRP

| Band: 7 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 2507.5          | 1             | 0      | 19.24                 | -1.01      | 18.23      | <=33.01 | Pass    |
|                                   |                 |               | 38     | 19.44                 | -1.01      | 18.43      | <=33.01 | Pass    |
|                                   |                 |               | 74     | 19.54                 | -1.01      | 18.53      | <=33.01 | Pass    |
|                                   |                 | 36            | 0      | 18.14                 | -1.01      | 17.13      | <=33.01 | Pass    |
|                                   |                 |               | 18     | 18.13                 | -1.01      | 17.12      | <=33.01 | Pass    |
|                                   |                 |               | 39     | 18.20                 | -1.01      | 17.19      | <=33.01 | Pass    |

|       |        |    |    |       |       |       |         |      |
|-------|--------|----|----|-------|-------|-------|---------|------|
| 16QAM | 2535   | 75 | 0  | 18.16 | -1.01 | 17.15 | <=33.01 | Pass |
|       |        | 1  | 0  | 19.47 | -1.01 | 18.46 | <=33.01 | Pass |
|       |        |    | 38 | 19.56 | -1.01 | 18.55 | <=33.01 | Pass |
|       |        |    | 74 | 19.75 | -1.01 | 18.74 | <=33.01 | Pass |
|       |        | 36 | 0  | 18.53 | -1.01 | 17.52 | <=33.01 | Pass |
|       |        |    | 18 | 18.61 | -1.01 | 17.60 | <=33.01 | Pass |
|       |        |    | 39 | 18.68 | -1.01 | 17.67 | <=33.01 | Pass |
|       |        | 75 | 0  | 18.65 | -1.01 | 17.64 | <=33.01 | Pass |
|       | 2562.5 | 1  | 0  | 19.78 | -1.01 | 18.77 | <=33.01 | Pass |
|       |        |    | 38 | 19.91 | -1.01 | 18.90 | <=33.01 | Pass |
|       |        |    | 74 | 19.97 | -1.01 | 18.96 | <=33.01 | Pass |
|       |        | 36 | 0  | 19.05 | -1.01 | 18.04 | <=33.01 | Pass |
|       |        |    | 18 | 19.04 | -1.01 | 18.03 | <=33.01 | Pass |
|       |        |    | 39 | 18.96 | -1.01 | 17.95 | <=33.01 | Pass |
|       |        | 75 | 0  | 19.04 | -1.01 | 18.03 | <=33.01 | Pass |
|       | 2507.5 | 1  | 0  | 18.54 | -1.01 | 17.53 | <=33.01 | Pass |
|       |        |    | 38 | 18.61 | -1.01 | 17.60 | <=33.01 | Pass |
|       |        |    | 74 | 18.71 | -1.01 | 17.70 | <=33.01 | Pass |
|       |        | 36 | 0  | 17.31 | -1.01 | 16.30 | <=33.01 | Pass |
|       |        |    | 18 | 17.35 | -1.01 | 16.34 | <=33.01 | Pass |
|       |        |    | 39 | 17.38 | -1.01 | 16.37 | <=33.01 | Pass |
|       |        | 75 | 0  | 17.30 | -1.01 | 16.29 | <=33.01 | Pass |
|       | 2535   | 1  | 0  | 18.92 | -1.01 | 17.91 | <=33.01 | Pass |
|       |        |    | 38 | 19.08 | -1.01 | 18.07 | <=33.01 | Pass |
|       |        |    | 74 | 19.28 | -1.01 | 18.27 | <=33.01 | Pass |
|       |        | 36 | 0  | 17.75 | -1.01 | 16.74 | <=33.01 | Pass |
|       |        |    | 18 | 17.85 | -1.01 | 16.84 | <=33.01 | Pass |
|       |        |    | 39 | 17.89 | -1.01 | 16.88 | <=33.01 | Pass |
|       |        | 75 | 0  | 17.86 | -1.01 | 16.85 | <=33.01 | Pass |
|       | 2562.5 | 1  | 0  | 19.44 | -1.01 | 18.43 | <=33.01 | Pass |
|       |        |    | 38 | 19.50 | -1.01 | 18.49 | <=33.01 | Pass |
|       |        |    | 74 | 19.52 | -1.01 | 18.51 | <=33.01 | Pass |
|       |        | 36 | 0  | 18.18 | -1.01 | 17.17 | <=33.01 | Pass |
|       |        |    | 18 | 18.18 | -1.01 | 17.17 | <=33.01 | Pass |
|       |        |    | 39 | 18.09 | -1.01 | 17.08 | <=33.01 | Pass |
|       |        | 75 | 0  | 18.14 | -1.01 | 17.13 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.4 B7\_20MHz\_EIRP

| Band: 7 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |         |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|---------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |         | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit   |         |
| QPSK                              | 2510            | 1             | 0      | 18.09                 | -1.01      | 17.08      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 18.09                 | -1.01      | 17.08      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 18.12                 | -1.01      | 17.11      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 18.11                 | -1.01      | 17.10      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 18.15                 | -1.01      | 17.14      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 18.13                 | -1.01      | 17.12      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 18.13                 | -1.01      | 17.12      | <=33.01 | Pass    |
|                                   | 2535            | 1             | 0      | 18.65                 | -1.01      | 17.64      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 18.65                 | -1.01      | 17.64      | <=33.01 | Pass    |
|                                   |                 |               | 99     | 18.65                 | -1.01      | 17.64      | <=33.01 | Pass    |
|                                   |                 | 50            | 0      | 18.65                 | -1.01      | 17.64      | <=33.01 | Pass    |
|                                   |                 |               | 25     | 18.65                 | -1.01      | 17.64      | <=33.01 | Pass    |
|                                   |                 |               | 50     | 18.65                 | -1.01      | 17.64      | <=33.01 | Pass    |
|                                   |                 | 100           | 0      | 18.65                 | -1.01      | 17.64      | <=33.01 | Pass    |

|       |      |     |    |       |       |       |         |      |
|-------|------|-----|----|-------|-------|-------|---------|------|
| 16QAM | 2560 | 1   | 0  | 19.02 | -1.01 | 18.01 | <=33.01 | Pass |
|       |      |     | 50 | 19.05 | -1.01 | 18.04 | <=33.01 | Pass |
|       |      |     | 99 | 19.03 | -1.01 | 18.02 | <=33.01 | Pass |
|       |      | 50  | 0  | 19.02 | -1.01 | 18.01 | <=33.01 | Pass |
|       |      |     | 25 | 19.05 | -1.01 | 18.04 | <=33.01 | Pass |
|       |      |     | 50 | 19.04 | -1.01 | 18.03 | <=33.01 | Pass |
|       |      | 100 | 0  | 19.03 | -1.01 | 18.02 | <=33.01 | Pass |
|       | 2510 | 1   | 0  | 18.15 | -1.01 | 17.14 | <=33.01 | Pass |
|       |      |     | 50 | 18.15 | -1.01 | 17.14 | <=33.01 | Pass |
|       |      |     | 99 | 18.14 | -1.01 | 17.13 | <=33.01 | Pass |
|       |      | 50  | 0  | 18.17 | -1.01 | 17.16 | <=33.01 | Pass |
|       |      |     | 25 | 18.19 | -1.01 | 17.18 | <=33.01 | Pass |
|       |      |     | 50 | 18.20 | -1.01 | 17.19 | <=33.01 | Pass |
|       |      | 100 | 0  | 18.20 | -1.01 | 17.19 | <=33.01 | Pass |
|       | 2535 | 1   | 0  | 18.65 | -1.01 | 17.64 | <=33.01 | Pass |
|       |      |     | 50 | 18.65 | -1.01 | 17.64 | <=33.01 | Pass |
|       |      |     | 99 | 18.65 | -1.01 | 17.64 | <=33.01 | Pass |
|       |      | 50  | 0  | 18.65 | -1.01 | 17.64 | <=33.01 | Pass |
|       |      |     | 25 | 18.65 | -1.01 | 17.64 | <=33.01 | Pass |
|       |      |     | 50 | 18.65 | -1.01 | 17.64 | <=33.01 | Pass |
|       |      | 100 | 0  | 18.65 | -1.01 | 17.64 | <=33.01 | Pass |
|       | 2560 | 1   | 0  | 19.03 | -1.01 | 18.02 | <=33.01 | Pass |
|       |      |     | 50 | 19.03 | -1.01 | 18.02 | <=33.01 | Pass |
|       |      |     | 99 | 19.02 | -1.01 | 18.01 | <=33.01 | Pass |
|       |      | 50  | 0  | 19.08 | -1.01 | 18.07 | <=33.01 | Pass |
|       |      |     | 25 | 19.07 | -1.01 | 18.06 | <=33.01 | Pass |
|       |      |     | 50 | 19.07 | -1.01 | 18.06 | <=33.01 | Pass |
|       |      | 100 | 0  | 19.07 | -1.01 | 18.06 | <=33.01 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B7\_5MHz

| Band: 7 / Bandwidth: 5MHz |                 |               |        |            |               |                  |                       |             |         |
|---------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                           |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                      | 2502.5          | 25            | 0      | 20         | 3.27          | -2.689           | -0.0011               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -1.645           | -0.0007               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -3.190           | -0.0013               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -1.345           | -0.0005               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -0.072           | 0.0000                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -0.858           | -0.0003               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 0          | 3.85          | -0.715           | -0.0003               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 10         | 3.85          | 0.200            | 0.0001                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 30         | 3.85          | -0.315           | -0.0001               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 40         | 3.85          | -2.518           | -0.0010               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | 50         | 3.85          | -2.632           | -0.0011               | -2.5 to 2.5 | Pass    |
|                           | 2535            | 25            | 0      | 20         | 3.27          | -0.072           | 0.0000                | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 3.85          | -1.001           | -0.0004               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        |            | 4.43          | -0.529           | -0.0002               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -30        | 3.85          | -1.359           | -0.0005               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -20        | 3.85          | -0.973           | -0.0004               | -2.5 to 2.5 | Pass    |
|                           |                 |               |        | -10        | 3.85          | -0.529           | -0.0002               | -2.5 to 2.5 | Pass    |

|       |        |    |   |     |      |        |         |             |      |
|-------|--------|----|---|-----|------|--------|---------|-------------|------|
|       |        |    |   | 0   | 3.85 | -0.558 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.386 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 0.629  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -0.114 | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 1.159  | 0.0005  | -2.5 to 2.5 | Pass |
|       | 2567.5 | 25 | 0 | 20  | 3.27 | 0.644  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -1.230 | -0.0005 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 0.515  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 0.415  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | 0.701  | 0.0003  | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | 1.445  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.515  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | 0.143  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | 1.202  | 0.0005  | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.472  | 0.0002  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | 0.472  | 0.0002  | -2.5 to 2.5 | Pass |
| 16QAM | 2502.5 | 25 | 0 | 20  | 3.27 | -1.931 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.644 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -1.516 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.787 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -0.644 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -2.761 | -0.0011 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | 0.329  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -1.903 | -0.0008 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -1.760 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -3.948 | -0.0016 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -3.734 | -0.0015 | -2.5 to 2.5 | Pass |
|       | 2535   | 25 | 0 | 20  | 3.27 | -1.459 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -2.389 | -0.0009 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | -0.429 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | -0.672 | -0.0003 | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.831 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -1.602 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -2.661 | -0.0010 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.987 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -0.129 | -0.0001 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | 0.129  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -1.945 | -0.0008 | -2.5 to 2.5 | Pass |
|       | 2567.5 | 25 | 0 | 20  | 3.27 | 0.014  | 0.0000  | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 3.85 | -0.987 | -0.0004 | -2.5 to 2.5 | Pass |
|       |        |    |   |     | 4.43 | 0.286  | 0.0001  | -2.5 to 2.5 | Pass |
|       |        |    |   | -30 | 3.85 | 1.574  | 0.0006  | -2.5 to 2.5 | Pass |
|       |        |    |   | -20 | 3.85 | -1.488 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | -10 | 3.85 | -1.774 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 0   | 3.85 | -1.860 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 10  | 3.85 | -0.544 | -0.0002 | -2.5 to 2.5 | Pass |
|       |        |    |   | 30  | 3.85 | -1.431 | -0.0006 | -2.5 to 2.5 | Pass |
|       |        |    |   | 40  | 3.85 | -1.674 | -0.0007 | -2.5 to 2.5 | Pass |
|       |        |    |   | 50  | 3.85 | -1.359 | -0.0005 | -2.5 to 2.5 | Pass |

## 2.1.2 B7\_10MHz

| Band: 7 / Bandwidth: 10MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 2505            | 50            | 0      | 20         | 3.27          | -0.973           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.672           | -0.0003               | -2.5 to 2.5 | Pass    |

|       |      |    |   |     |      |        |         |             |      |
|-------|------|----|---|-----|------|--------|---------|-------------|------|
|       |      |    |   |     | 4.43 | 1.502  | 0.0006  | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.85 | 2.460  | 0.0010  | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.85 | 0.901  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.85 | 1.173  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.85 | 0.558  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.85 | 1.431  | 0.0006  | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.85 | 1.316  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.85 | 1.459  | 0.0006  | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.85 | 1.073  | 0.0004  | -2.5 to 2.5 | Pass |
|       | 2535 | 50 | 0 | 20  | 3.27 | -0.644 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.85 | -1.087 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.43 | -2.060 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.85 | -1.874 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.85 | 0.443  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.85 | -2.232 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.85 | -1.631 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.85 | -1.445 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.85 | -0.443 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.85 | -0.587 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.85 | -3.433 | -0.0014 | -2.5 to 2.5 | Pass |
|       | 2565 | 50 | 0 | 20  | 3.27 | -0.844 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.85 | -0.944 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.43 | -1.287 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.85 | 1.016  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.85 | 0.114  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.85 | 0.672  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.85 | -0.272 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.85 | 0.901  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.85 | -0.958 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.85 | 0.114  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.85 | -0.887 | -0.0003 | -2.5 to 2.5 | Pass |
| 16QAM | 2505 | 50 | 0 | 20  | 3.27 | 1.059  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.85 | 1.774  | 0.0007  | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.43 | 1.130  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.85 | 1.602  | 0.0006  | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.85 | -0.186 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.85 | 1.173  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.85 | 0.415  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.85 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.85 | 0.186  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.85 | 1.388  | 0.0006  | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.85 | 2.174  | 0.0009  | -2.5 to 2.5 | Pass |
|       | 2535 | 50 | 0 | 20  | 3.27 | -2.074 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.85 | -0.973 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.43 | -2.475 | -0.0010 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.85 | -2.360 | -0.0009 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.85 | -1.431 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.85 | -0.730 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |    |   | 0   | 3.85 | -0.601 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |    |   | 10  | 3.85 | 0.215  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |    |   | 30  | 3.85 | 0.215  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |    |   | 40  | 3.85 | -0.300 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |    |   | 50  | 3.85 | -0.973 | -0.0004 | -2.5 to 2.5 | Pass |
|       | 2565 | 50 | 0 | 20  | 3.27 | -1.559 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 3.85 | -1.330 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |    |   |     | 4.43 | -1.645 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |    |   | -30 | 3.85 | -2.747 | -0.0011 | -2.5 to 2.5 | Pass |
|       |      |    |   | -20 | 3.85 | -1.545 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |    |   | -10 | 3.85 | 0.215  | 0.0001  | -2.5 to 2.5 | Pass |

|  |  |  |  |    |      |        |         |             |      |
|--|--|--|--|----|------|--------|---------|-------------|------|
|  |  |  |  | 0  | 3.85 | -1.831 | -0.0007 | -2.5 to 2.5 | Pass |
|  |  |  |  | 10 | 3.85 | -2.375 | -0.0009 | -2.5 to 2.5 | Pass |
|  |  |  |  | 30 | 3.85 | -0.057 | 0.0000  | -2.5 to 2.5 | Pass |
|  |  |  |  | 40 | 3.85 | 0.744  | 0.0003  | -2.5 to 2.5 | Pass |
|  |  |  |  | 50 | 3.85 | -1.416 | -0.0006 | -2.5 to 2.5 | Pass |

### 2.1.3 B7\_15MHz

| Band: 7 / Bandwidth: 15MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 2507.5          | 75            | 0      | 20         | 3.27          | 0.100            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.114           | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 0.529            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 0.057            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 2.575            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 0.987            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 0.644            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 0.572            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 1.388            | 0.0006                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 0.558            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 0.672            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            | 2535            | 75            | 0      | 20         | 3.27          | -1.245           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.472           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -3.920           | -0.0015               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -0.858           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 0.072            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -1.302           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -0.014           | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -0.572           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -0.343           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -2.031           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 0.486            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            | 2562.5          | 75            | 0      | 20         | 3.27          | -0.515           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 0.830            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -1.688           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 0.157            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -0.458           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -0.572           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 0.901            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -1.745           | -0.0007               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 0.629            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | -1.988           | -0.0008               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -1.059           | -0.0004               | -2.5 to 2.5 | Pass    |
| 16QAM                      | 2507.5          | 75            | 0      | 20         | 3.27          | 1.101            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | 1.774            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 0.730            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 0.873            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -0.143           | -0.0001               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | 1.202            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 0.730            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 1.845            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 1.473            | 0.0006                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 0.601            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            | 2535            | 75            | 0      | 20         | 3.85          | 1.431            | 0.0006                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.27          | -1.130           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.515           | -0.0002               | -2.5 to 2.5 | Pass    |

|  |        |    |   |     |      |        |         |             |      |
|--|--------|----|---|-----|------|--------|---------|-------------|------|
|  |        |    |   |     | 4.43 | -1.931 | -0.0008 | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.85 | -2.604 | -0.0010 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.85 | -0.243 | -0.0001 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.85 | 3.419  | 0.0013  | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.85 | -1.760 | -0.0007 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.85 | -0.858 | -0.0003 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.85 | -2.933 | -0.0012 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.85 | -2.933 | -0.0012 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.85 | -2.189 | -0.0009 | -2.5 to 2.5 | Pass |
|  | 2562.5 | 75 | 0 | 20  | 3.27 | -0.587 | -0.0002 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 3.85 | -0.300 | -0.0001 | -2.5 to 2.5 | Pass |
|  |        |    |   |     | 4.43 | -0.057 | 0.0000  | -2.5 to 2.5 | Pass |
|  |        |    |   | -30 | 3.85 | -0.830 | -0.0003 | -2.5 to 2.5 | Pass |
|  |        |    |   | -20 | 3.85 | -0.672 | -0.0003 | -2.5 to 2.5 | Pass |
|  |        |    |   | -10 | 3.85 | -1.316 | -0.0005 | -2.5 to 2.5 | Pass |
|  |        |    |   | 0   | 3.85 | -3.076 | -0.0012 | -2.5 to 2.5 | Pass |
|  |        |    |   | 10  | 3.85 | -2.818 | -0.0011 | -2.5 to 2.5 | Pass |
|  |        |    |   | 30  | 3.85 | -1.588 | -0.0006 | -2.5 to 2.5 | Pass |
|  |        |    |   | 40  | 3.85 | -2.203 | -0.0009 | -2.5 to 2.5 | Pass |
|  |        |    |   | 50  | 3.85 | -0.501 | -0.0002 | -2.5 to 2.5 | Pass |

## 2.1.4 B7\_20MHz

| Band: 7 / Bandwidth: 20MHz |                 |               |        |            |               |                  |                       |             |         |
|----------------------------|-----------------|---------------|--------|------------|---------------|------------------|-----------------------|-------------|---------|
| Modulation                 | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                            |                 | Size          | Offset |            |               |                  | Result                | Limit       |         |
| QPSK                       | 2510            | 100           | 0      | 20         | 3.27          | 0.257            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -0.401           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 0.744            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 1.845            | 0.0007                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 2.389            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -0.429           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | -0.429           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 1.230            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | 0.014            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 0.787            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | 2.489            | 0.0010                | -2.5 to 2.5 | Pass    |
|                            | 2535            | 100           | 0      | 20         | 3.27          | 0.300            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -1.316           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | -1.631           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | -0.472           | -0.0002               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | -0.873           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -1.645           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 0.072            | 0.0000                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | -1.431           | -0.0006               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -1.302           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 40         | 3.85          | 1.187            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 50         | 3.85          | -0.958           | -0.0004               | -2.5 to 2.5 | Pass    |
|                            | 2560            | 100           | 0      | 20         | 3.27          | -0.644           | -0.0003               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 3.85          | -1.230           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        |            | 4.43          | 1.159            | 0.0005                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -30        | 3.85          | 0.629            | 0.0002                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -20        | 3.85          | 0.930            | 0.0004                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | -10        | 3.85          | -1.230           | -0.0005               | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 0          | 3.85          | 0.358            | 0.0001                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 10         | 3.85          | 0.830            | 0.0003                | -2.5 to 2.5 | Pass    |
|                            |                 |               |        | 30         | 3.85          | -1.216           | -0.0005               | -2.5 to 2.5 | Pass    |

|       |      |     |   |     |      |        |         |             |      |
|-------|------|-----|---|-----|------|--------|---------|-------------|------|
| 16QAM | 2510 | 100 | 0 | 40  | 3.85 | -2.031 | -0.0008 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | -1.130 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | 20  | 3.27 | 0.901  | 0.0004  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | 0.100  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | 0.558  | 0.0002  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | 1.302  | 0.0005  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -0.472 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | 0.000  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | 10  | 3.85 | 0.043  | 0.0000  | -2.5 to 2.5 | Pass |
|       | 2535 | 100 | 0 | 30  | 3.85 | 2.174  | 0.0009  | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | 2.103  | 0.0008  | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 0.858  | 0.0003  | -2.5 to 2.5 | Pass |
|       |      |     |   | 20  | 3.27 | -0.329 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -1.674 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -0.029 | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -1.516 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -0.315 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -1.059 | -0.0004 | -2.5 to 2.5 | Pass |
|       |      |     |   | 0   | 3.85 | -0.858 | -0.0003 | -2.5 to 2.5 | Pass |
|       | 2560 | 100 | 0 | 10  | 3.85 | -0.672 | -0.0003 | -2.5 to 2.5 | Pass |
|       |      |     |   | 30  | 3.85 | -1.817 | -0.0007 | -2.5 to 2.5 | Pass |
|       |      |     |   | 40  | 3.85 | -0.343 | -0.0001 | -2.5 to 2.5 | Pass |
|       |      |     |   | 50  | 3.85 | 0.143  | 0.0001  | -2.5 to 2.5 | Pass |
|       |      |     |   | 20  | 3.27 | 0.100  | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 3.85 | -1.216 | -0.0005 | -2.5 to 2.5 | Pass |
|       |      |     |   |     | 4.43 | -1.502 | -0.0006 | -2.5 to 2.5 | Pass |
|       |      |     |   | -30 | 3.85 | -0.114 | 0.0000  | -2.5 to 2.5 | Pass |
|       |      |     |   | -20 | 3.85 | -0.472 | -0.0002 | -2.5 to 2.5 | Pass |
|       |      |     |   | -10 | 3.85 | -1.230 | -0.0005 | -2.5 to 2.5 | Pass |

### 3. Modulation Characteristics

#### 3.1 Test Result

##### 3.1.1 B7\_5MHz

| Band: 7 / Bandwidth: 5MHz / NTNV |                 |               |        |                            |       |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       |
|                                  |                 | Size          | Offset | Result                     | Limit |
| QPSK                             | 2535            | 25            | 0      | Refer To Test Graph        |       |
| 16QAM                            | 2535            | 25            | 0      | Refer To Test Graph        |       |

##### 3.1.2 B7\_10MHz

| Band: 7 / Bandwidth: 10MHz / NTNV |                 |               |        |                            |       |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       |
|                                   |                 | Size          | Offset | Result                     | Limit |
| QPSK                              | 2535            | 50            | 0      | Refer To Test Graph        |       |
| 16QAM                             | 2535            | 50            | 0      | Refer To Test Graph        |       |

## 3.1.3 B7\_15MHz

| Band: 7 / Bandwidth: 15MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 2535            | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 2535            | 75            | 0      | Refer To Test Graph        |       | Pass    |

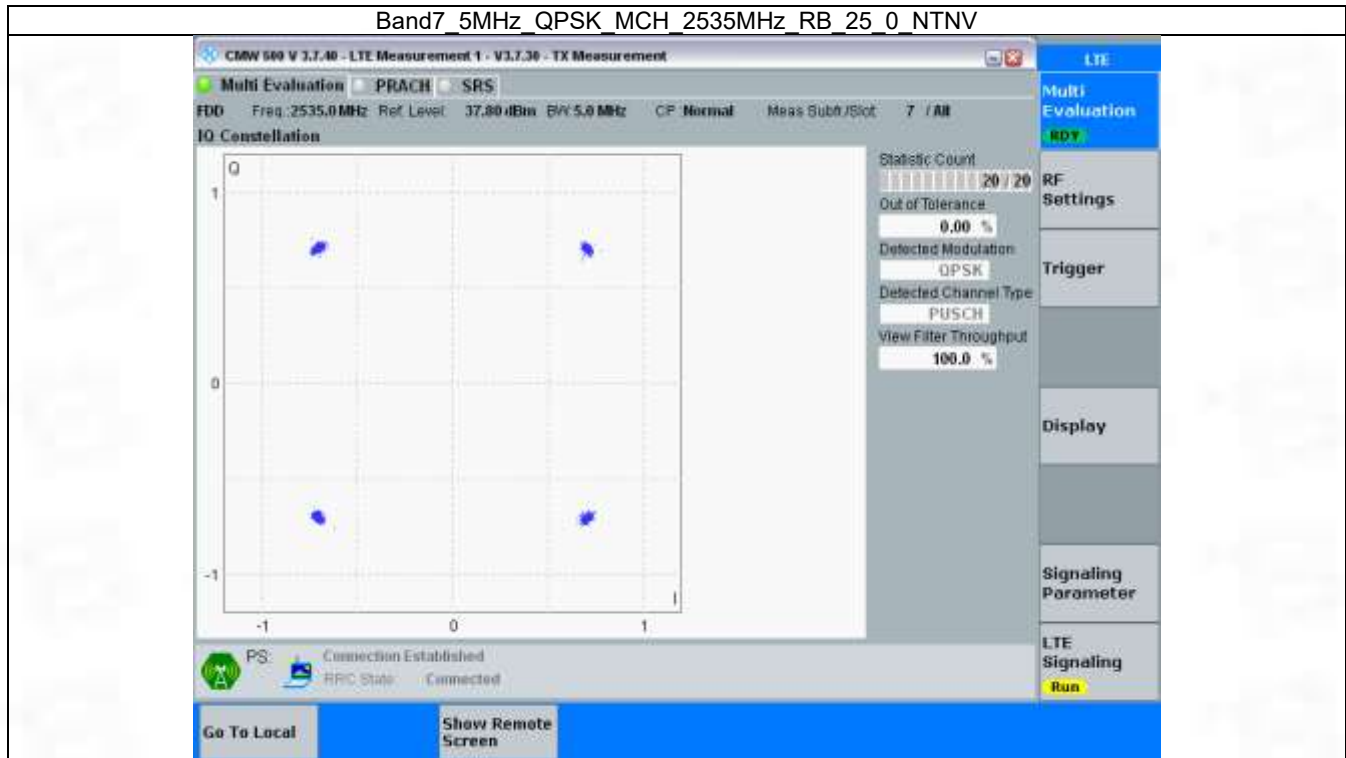
## 3.1.4 B7\_20MHz

| Band: 7 / Bandwidth: 20MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 2535            | 100           | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 2535            | 100           | 0      | Refer To Test Graph        |       | Pass    |

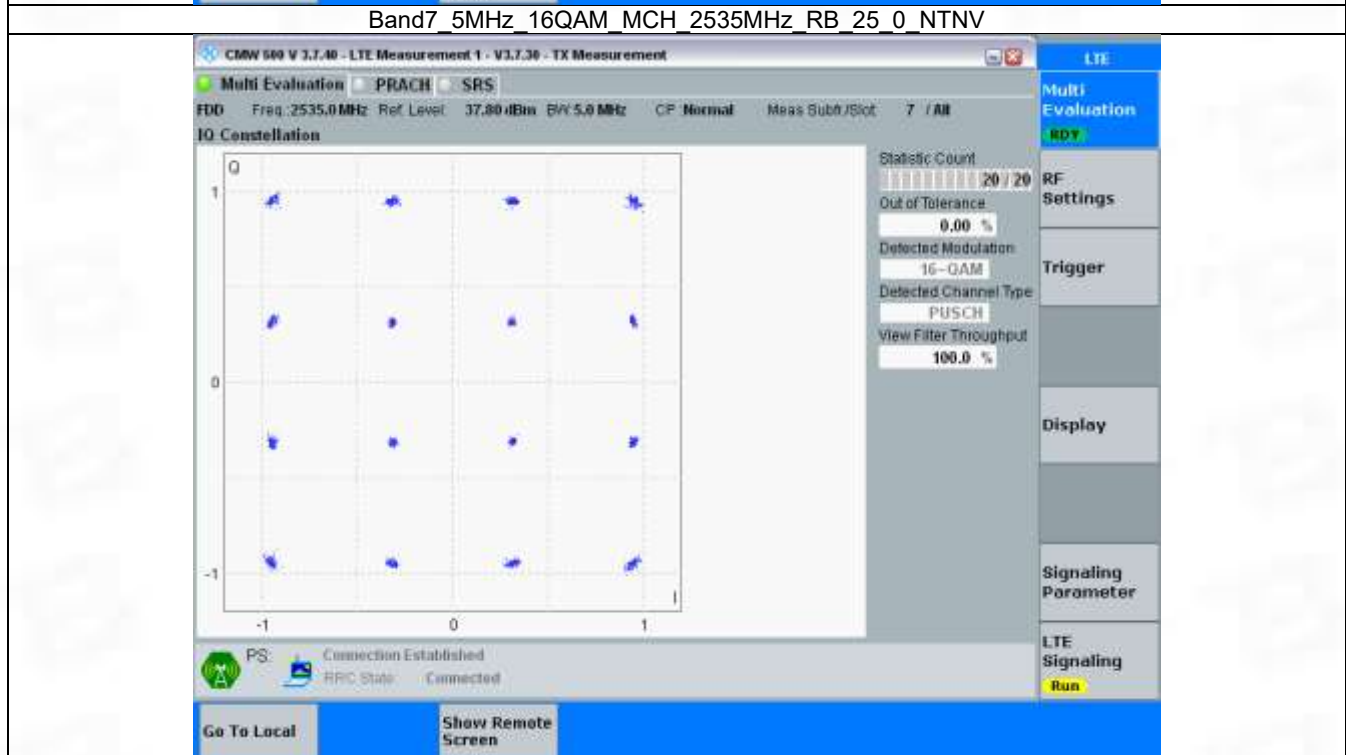
## 3.2 Test Graph

### 3.2.1 B7\_5MHz

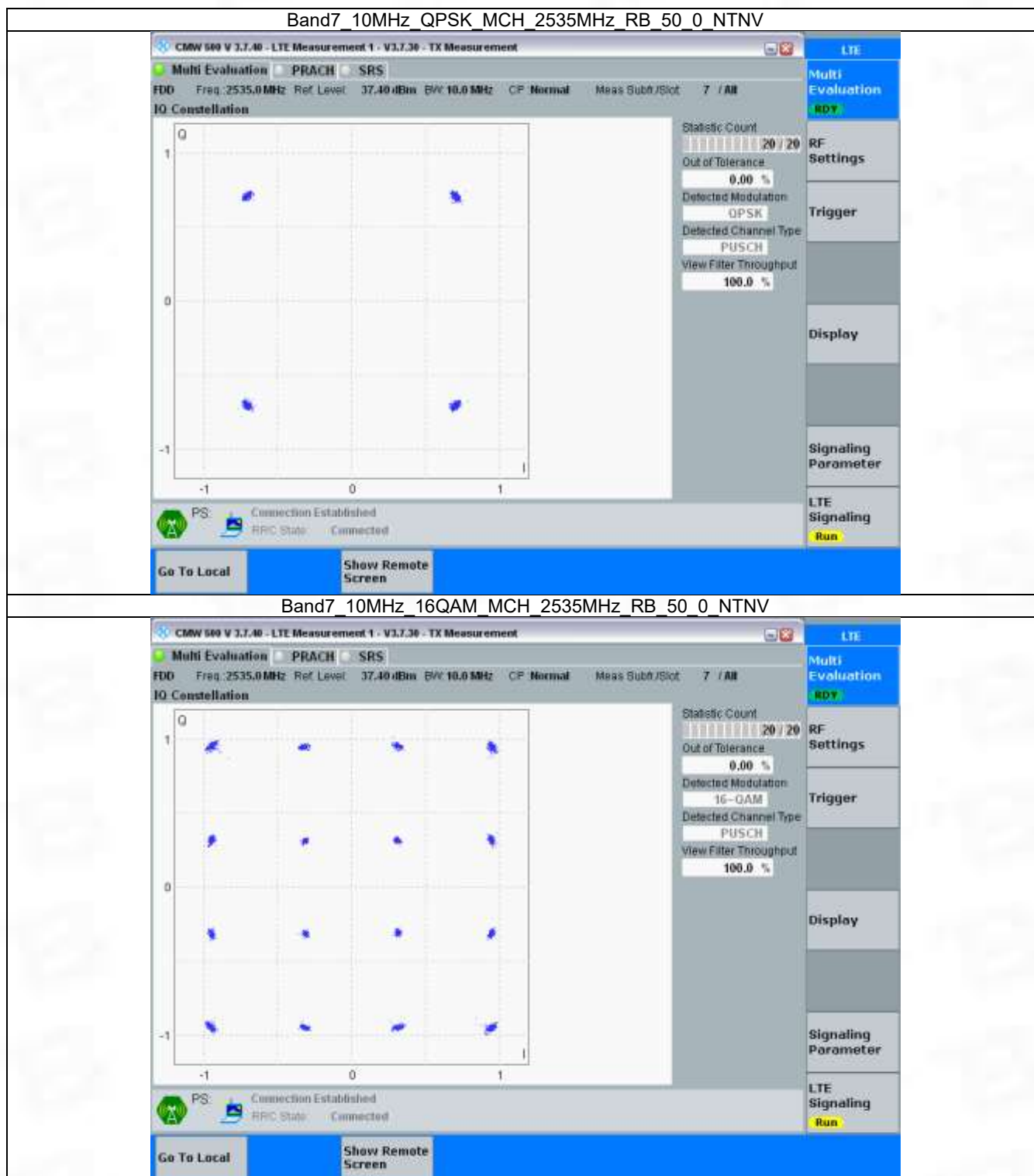
Band7 5MHz QPSK MCH 2535MHz\_RB\_25\_0\_NTNV



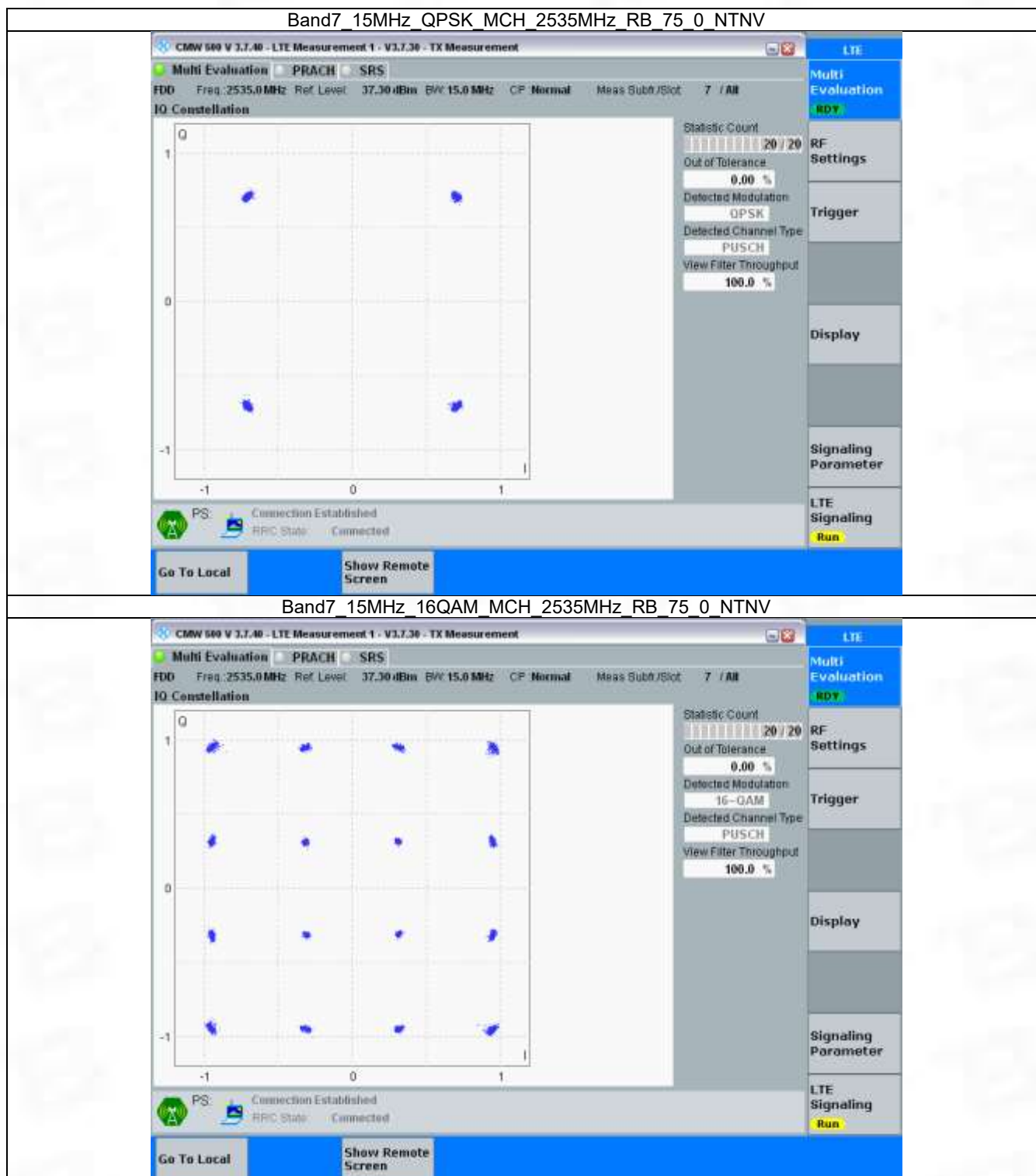
Band7 5MHz 16QAM MCH 2535MHz\_RB\_25\_0\_NTNV



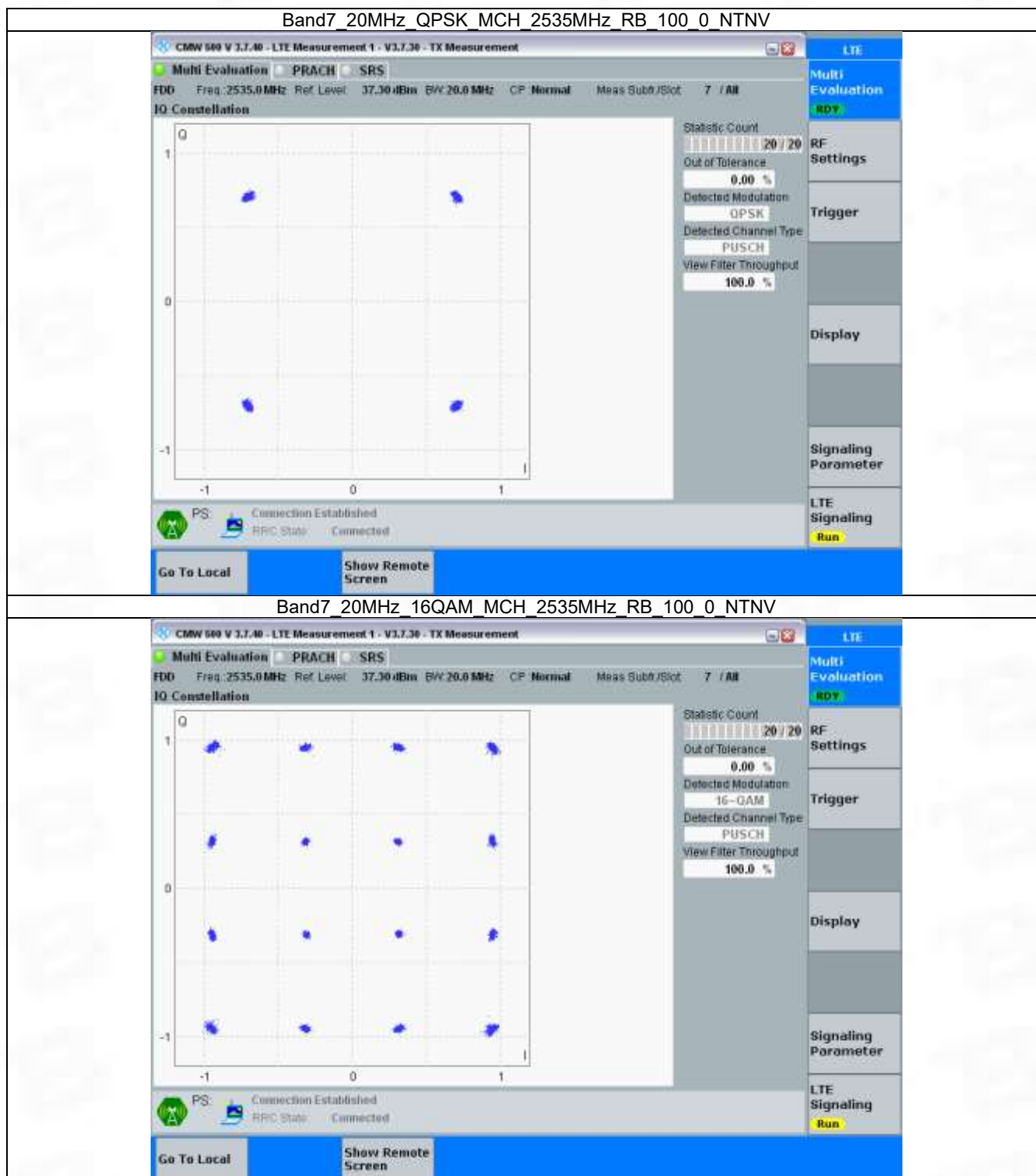
### 3.2.2 B7\_10MHz



### 3.2.3 B7\_15MHz



### 3.2.4 B7\_20MHz



## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band7\_OBW

| Band: 7 / NTNV  |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 5               | QPSK       | 2502.5          | 25            | 0      | 4.554                        | /     | Pass    |
|                 |            | 2535            | 25            | 0      | 4.554                        | /     | Pass    |
|                 |            | 2567.5          | 25            | 0      | 4.547                        | /     | Pass    |
|                 | 16QAM      | 2502.5          | 25            | 0      | 4.558                        | /     | Pass    |
|                 |            | 2535            | 25            | 0      | 4.551                        | /     | Pass    |
|                 |            | 2567.5          | 25            | 0      | 4.587                        | /     | Pass    |
| 10              | QPSK       | 2505            | 50            | 0      | 9.042                        | /     | Pass    |
|                 |            | 2535            | 50            | 0      | 9.044                        | /     | Pass    |
|                 |            | 2565            | 50            | 0      | 9.048                        | /     | Pass    |
|                 | 16QAM      | 2505            | 50            | 0      | 9.062                        | /     | Pass    |
|                 |            | 2535            | 50            | 0      | 9.048                        | /     | Pass    |
|                 |            | 2565            | 50            | 0      | 9.049                        | /     | Pass    |
| 15              | QPSK       | 2507.5          | 75            | 0      | 13.536                       | /     | Pass    |
|                 |            | 2535            | 75            | 0      | 13.538                       | /     | Pass    |
|                 |            | 2562.5          | 75            | 0      | 13.541                       | /     | Pass    |
|                 | 16QAM      | 2507.5          | 75            | 0      | 13.582                       | /     | Pass    |
|                 |            | 2535            | 75            | 0      | 13.566                       | /     | Pass    |
|                 |            | 2562.5          | 75            | 0      | 13.553                       | /     | Pass    |
| 20              | QPSK       | 2510            | 100           | 0      | 18.057                       | /     | Pass    |
|                 |            | 2535            | 100           | 0      | 18.082                       | /     | Pass    |
|                 |            | 2560            | 100           | 0      | 18.094                       | /     | Pass    |
|                 | 16QAM      | 2510            | 100           | 0      | 18.072                       | /     | Pass    |
|                 |            | 2535            | 100           | 0      | 18.126                       | /     | Pass    |
|                 |            | 2560            | 100           | 0      | 18.054                       | /     | Pass    |

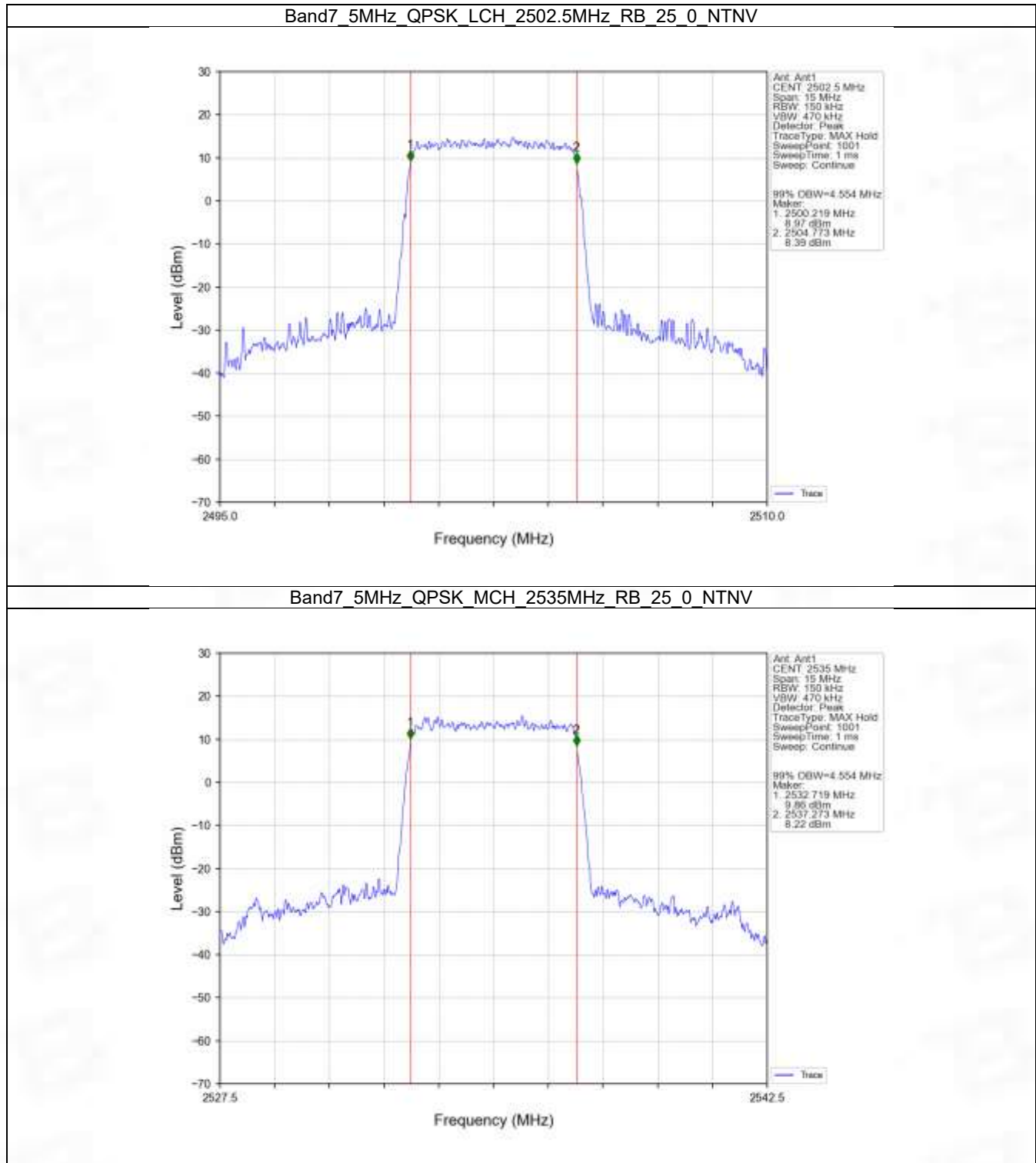
#### 4.1.2 Band7\_XDB

| Band: 7 / NTNV  |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 5               | QPSK       | 2502.5          | 25            | 0      | 5.029                | /     | Pass    |
|                 |            | 2535            | 25            | 0      | 5.046                | /     | Pass    |
|                 |            | 2567.5          | 25            | 0      | 5.067                | /     | Pass    |
|                 | 16QAM      | 2502.5          | 25            | 0      | 5.110                | /     | Pass    |
|                 |            | 2535            | 25            | 0      | 5.059                | /     | Pass    |
|                 |            | 2567.5          | 25            | 0      | 5.072                | /     | Pass    |
| 10              | QPSK       | 2505            | 50            | 0      | 10.082               | /     | Pass    |
|                 |            | 2535            | 50            | 0      | 10.045               | /     | Pass    |
|                 |            | 2565            | 50            | 0      | 10.008               | /     | Pass    |
|                 | 16QAM      | 2505            | 50            | 0      | 10.079               | /     | Pass    |
|                 |            | 2535            | 50            | 0      | 10.041               | /     | Pass    |
|                 |            | 2565            | 50            | 0      | 10.040               | /     | Pass    |
| 15              | QPSK       | 2507.5          | 75            | 0      | 15.112               | /     | Pass    |
|                 |            | 2535            | 75            | 0      | 15.199               | /     | Pass    |
|                 |            | 2562.5          | 75            | 0      | 15.178               | /     | Pass    |

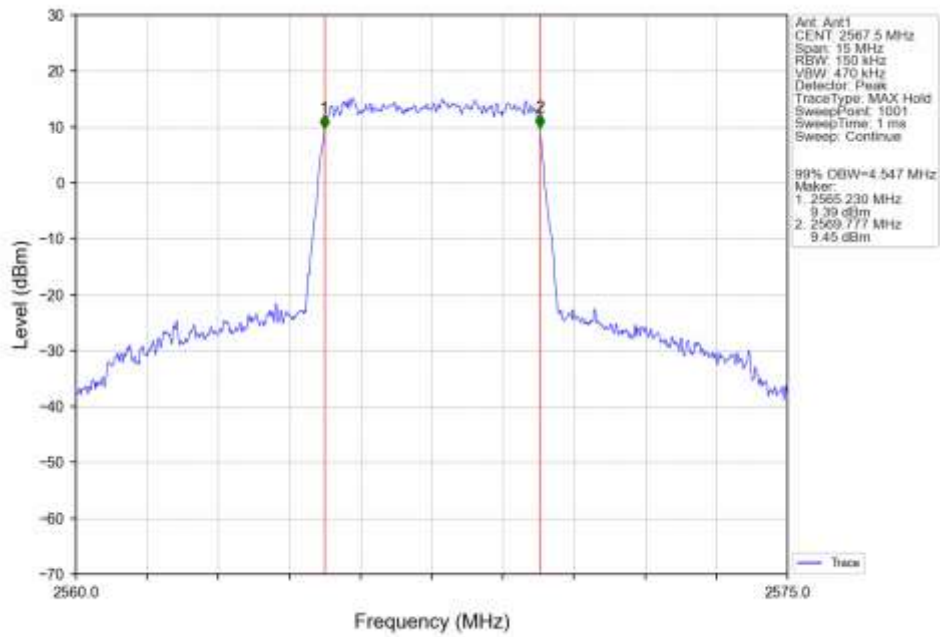
|    |       |        |     |   |        |   |      |
|----|-------|--------|-----|---|--------|---|------|
|    | 16QAM | 2507.5 | 75  | 0 | 15.225 | / | Pass |
|    |       | 2535   | 75  | 0 | 15.195 | / | Pass |
|    |       | 2562.5 | 75  | 0 | 15.155 | / | Pass |
| 20 | QPSK  | 2510   | 100 | 0 | 20.116 | / | Pass |
|    |       | 2535   | 100 | 0 | 20.005 | / | Pass |
|    |       | 2560   | 100 | 0 | 20.012 | / | Pass |
|    | 16QAM | 2510   | 100 | 0 | 20.095 | / | Pass |
|    |       | 2535   | 100 | 0 | 20.156 | / | Pass |
|    |       | 2560   | 100 | 0 | 19.971 | / | Pass |

## 4.2 Test Graph

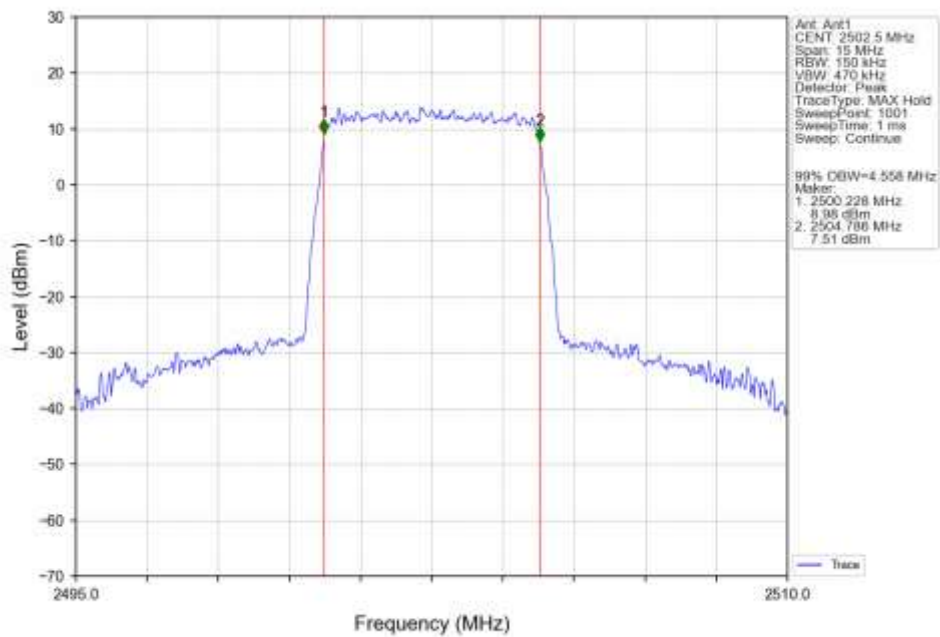
### 4.2.1 Band7\_OBW



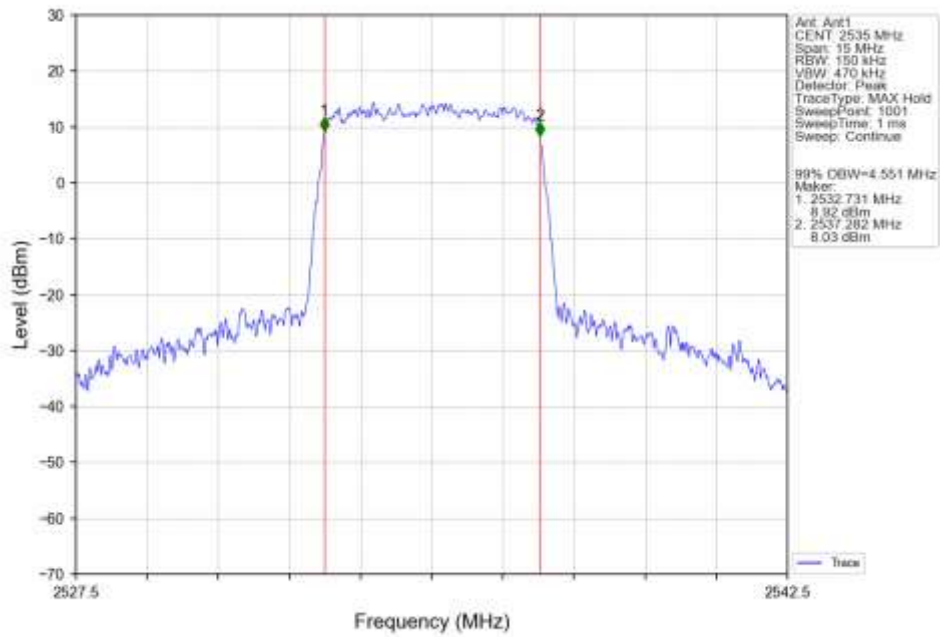
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV



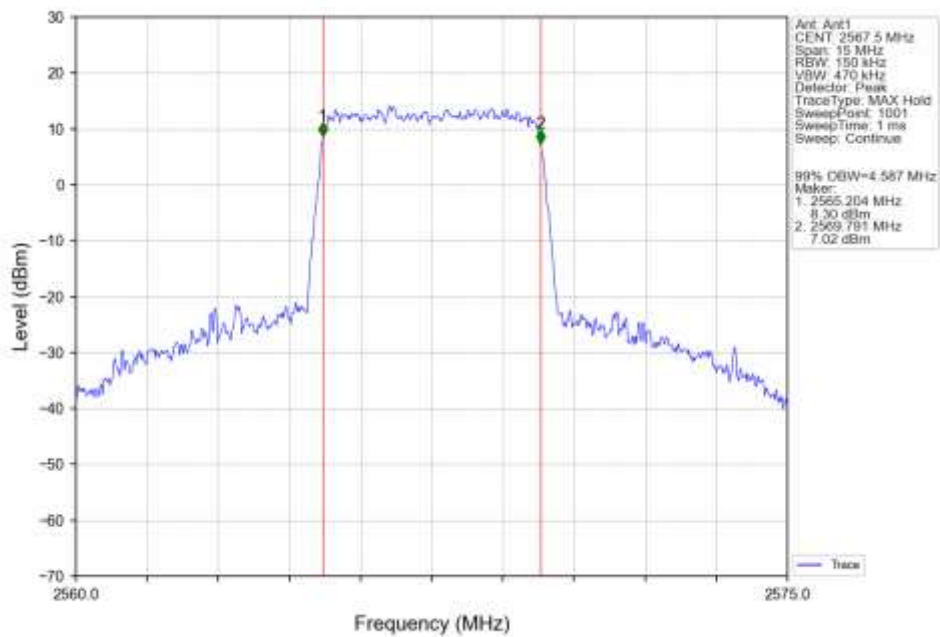
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV



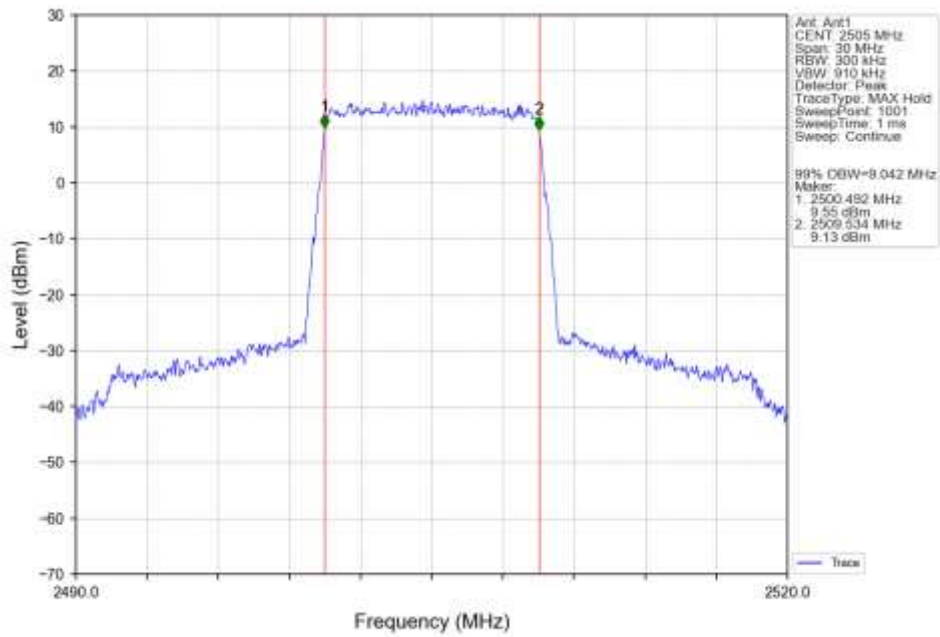
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTNV



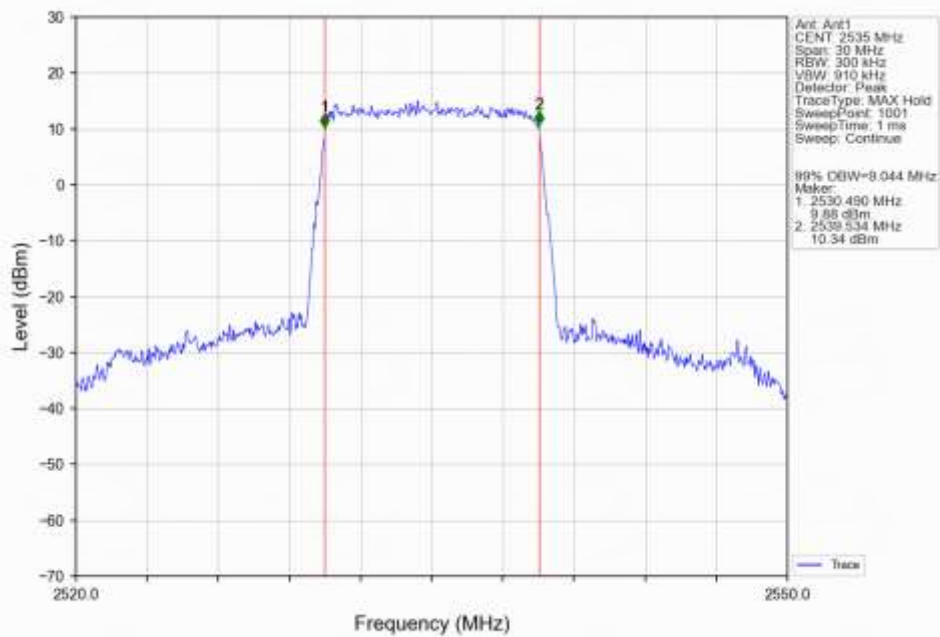
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV



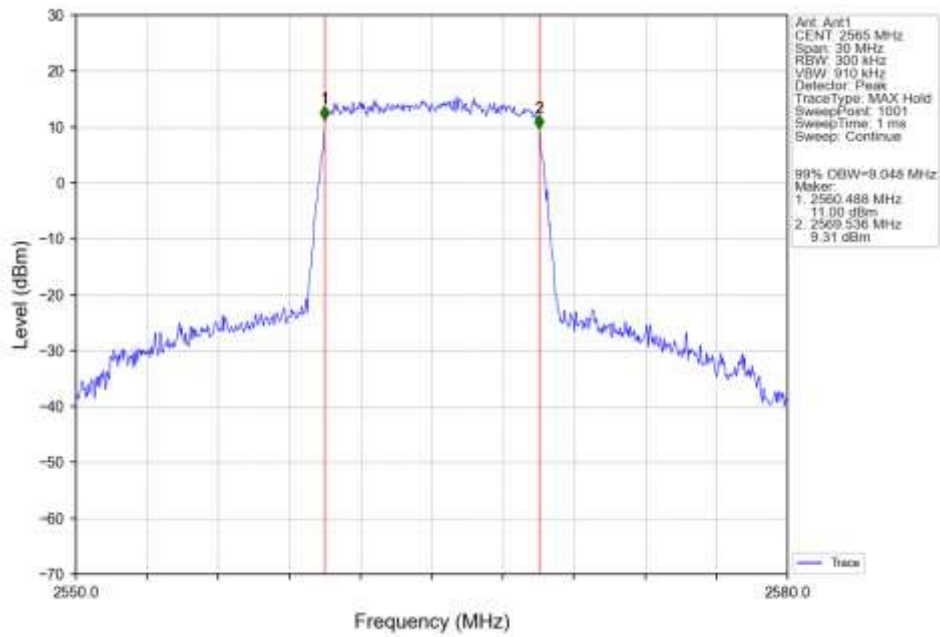
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN



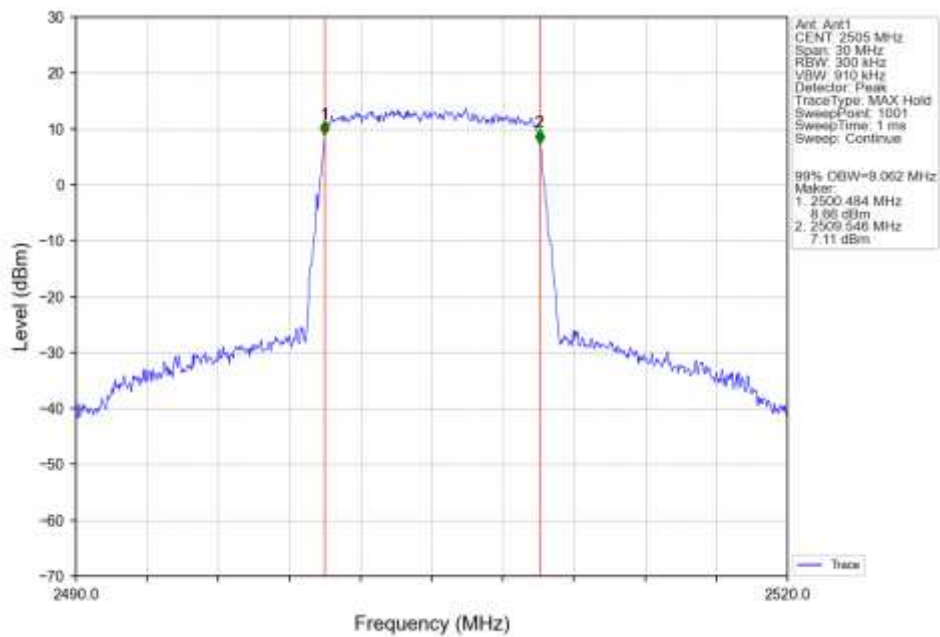
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



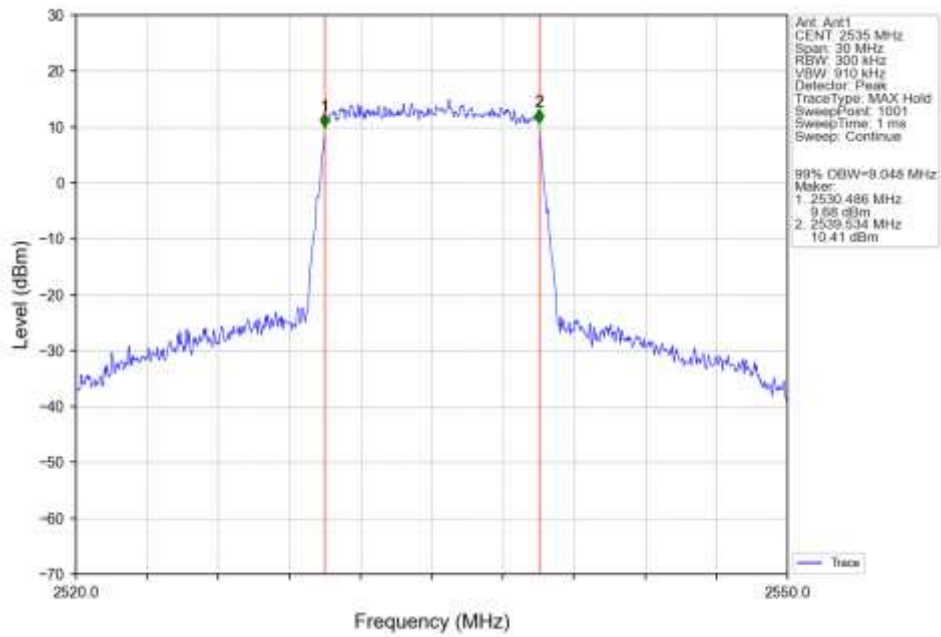
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



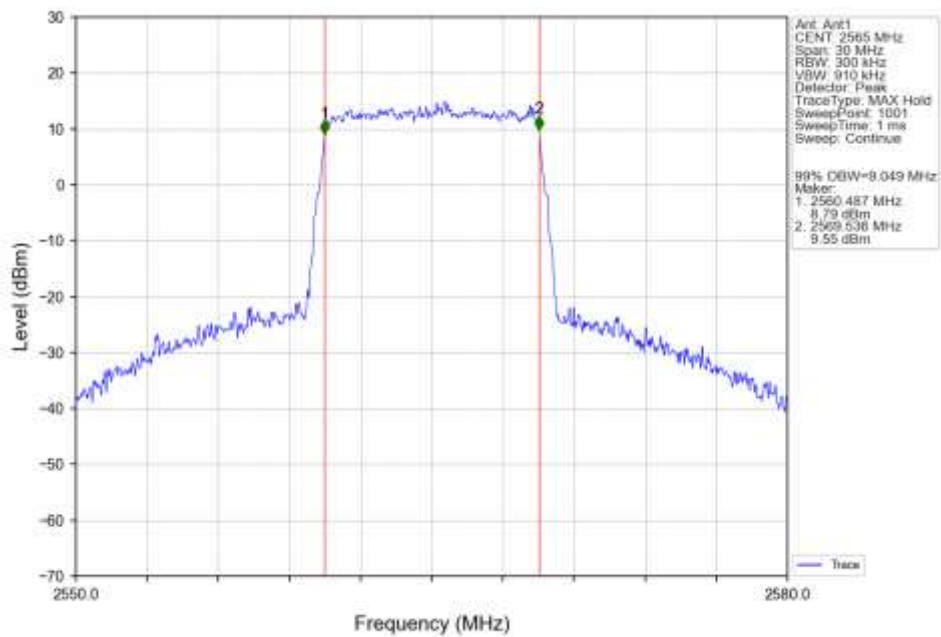
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTNV



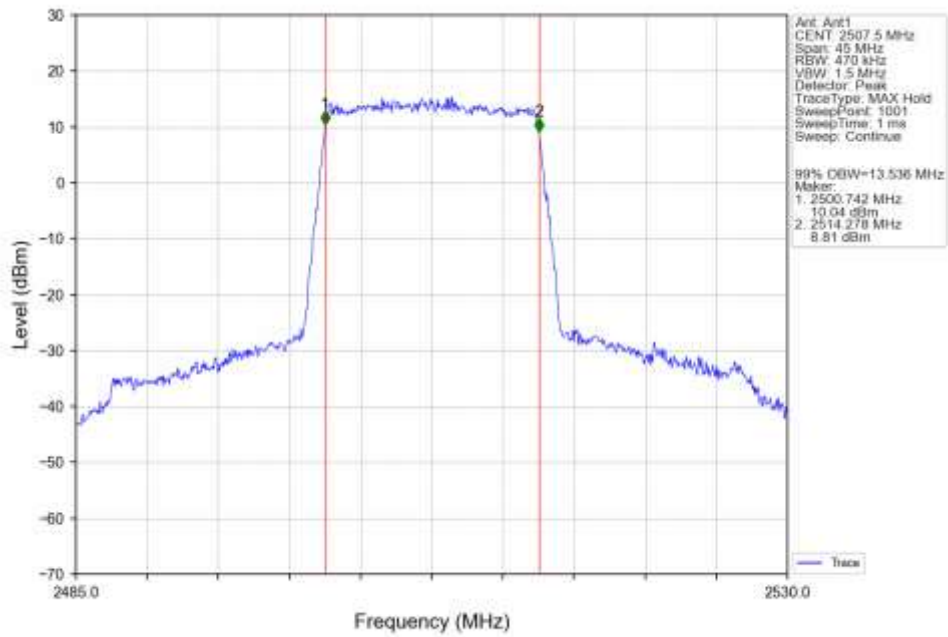
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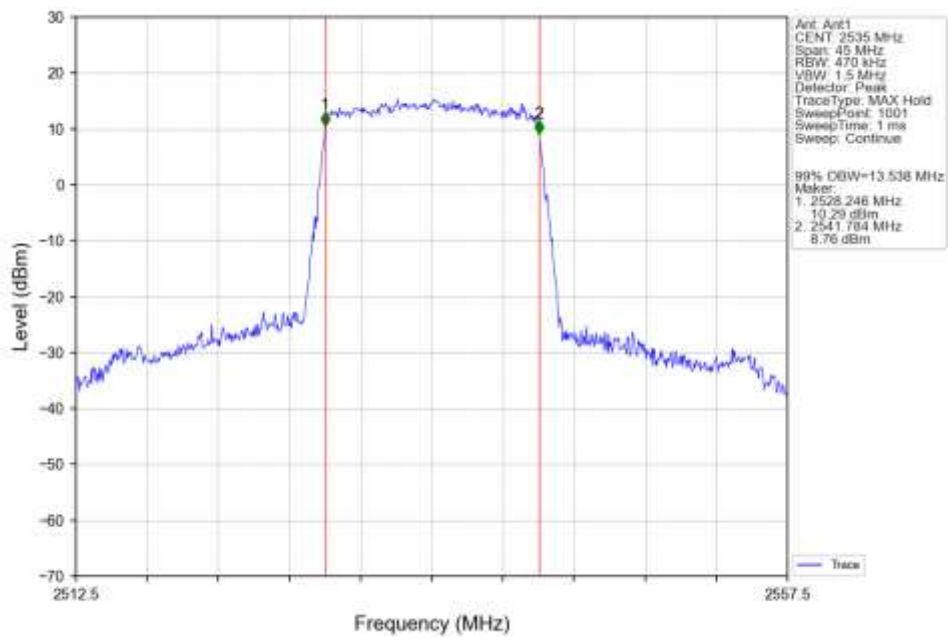
Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV



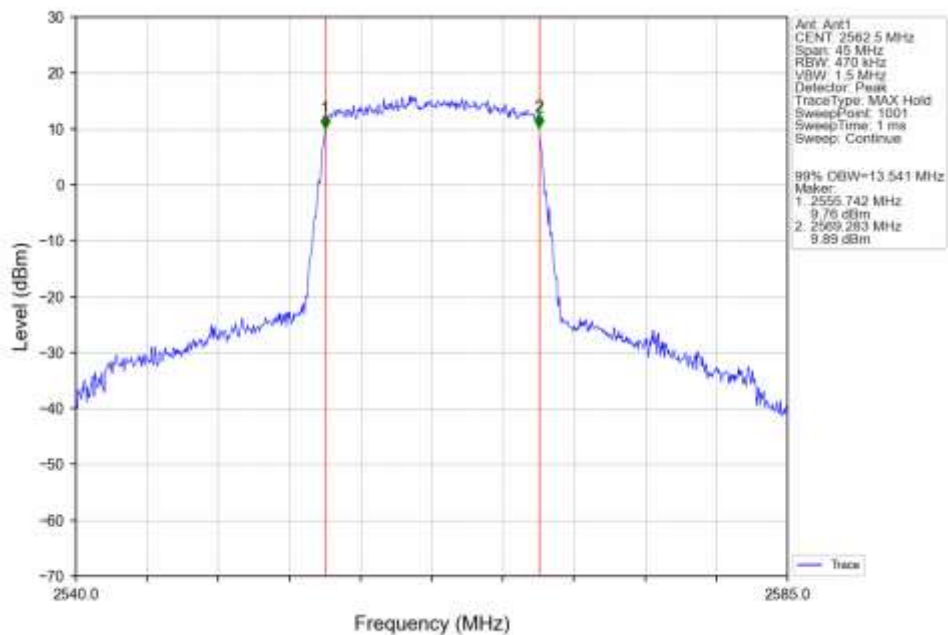
Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV



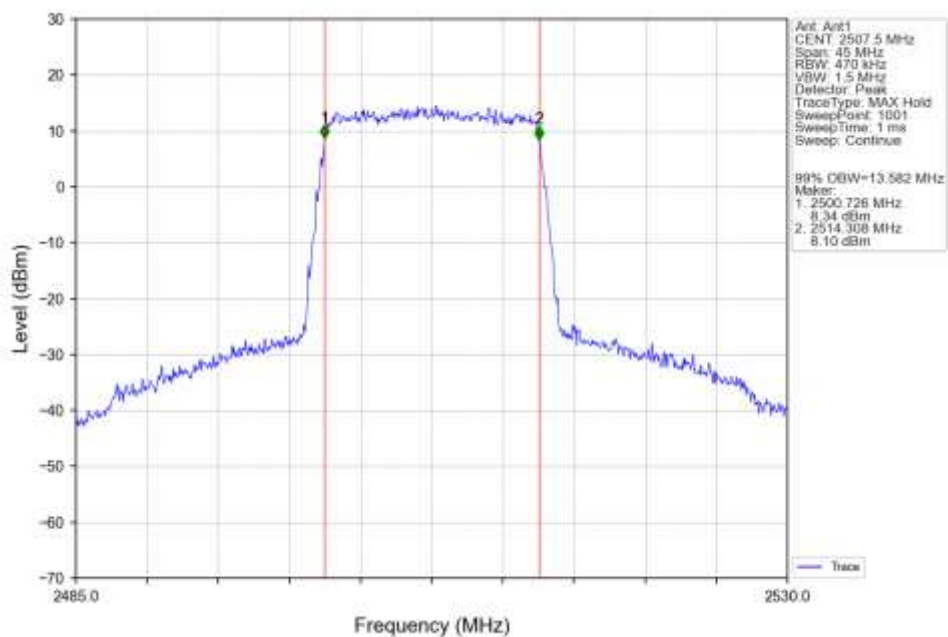
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTNV



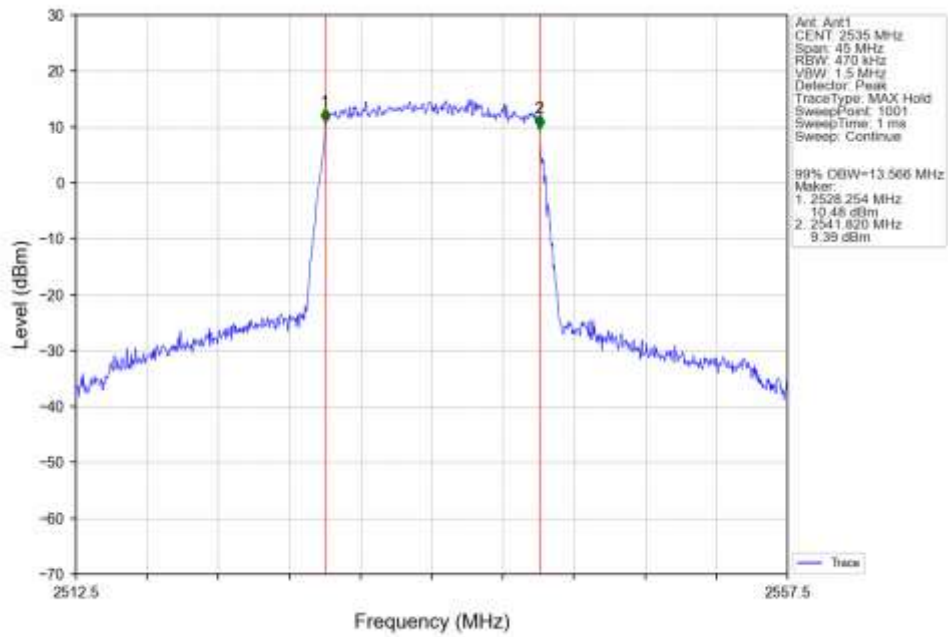
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



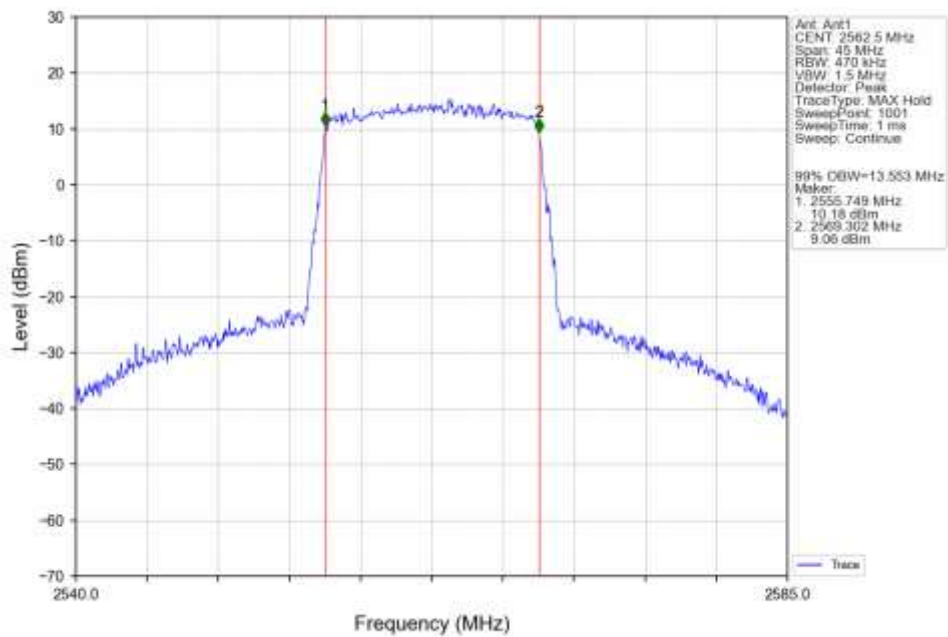
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



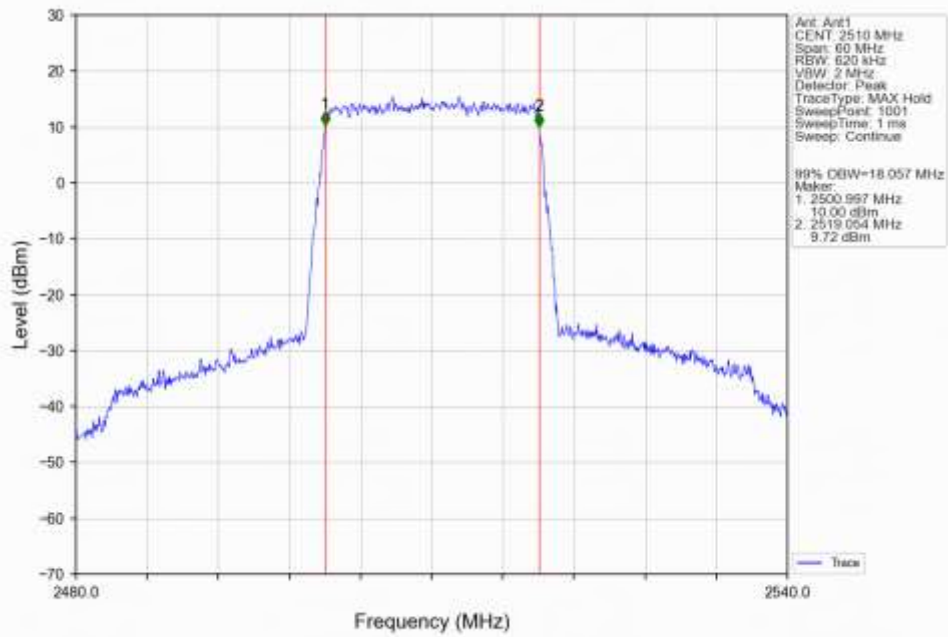
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV



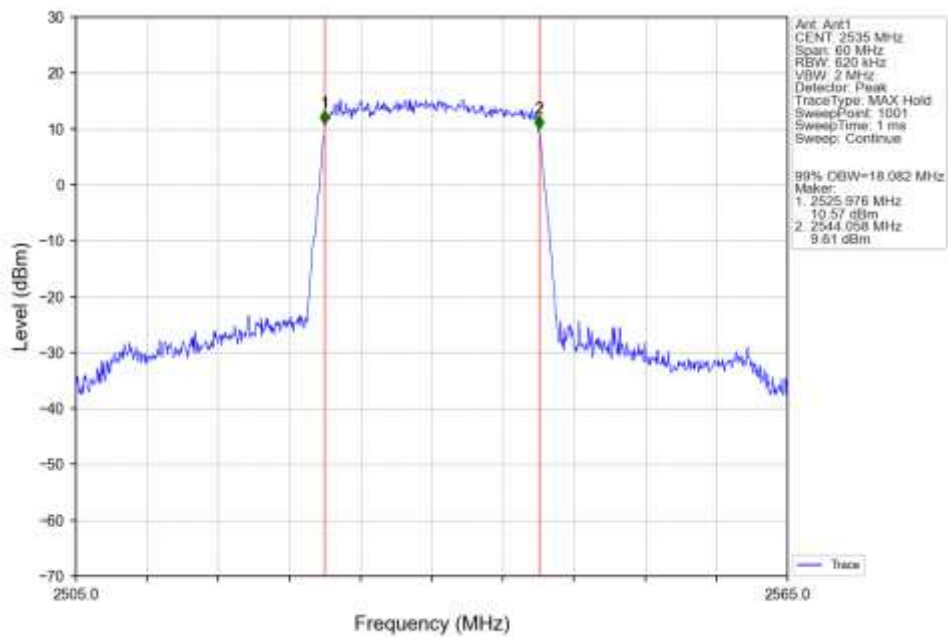
Band7 15MHz 16QAM HCH 2562.5MHz RB 75 0 NTNV



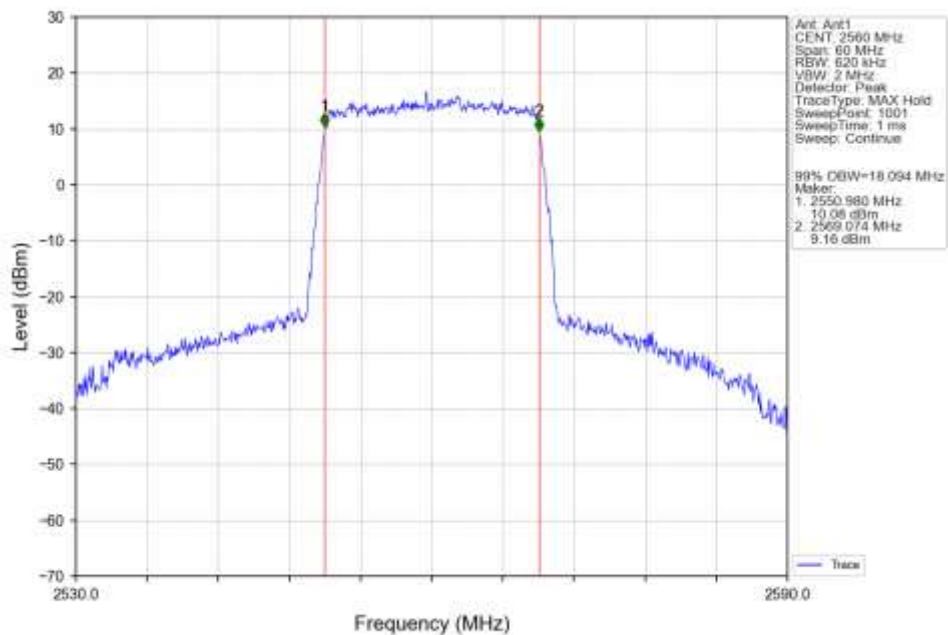
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



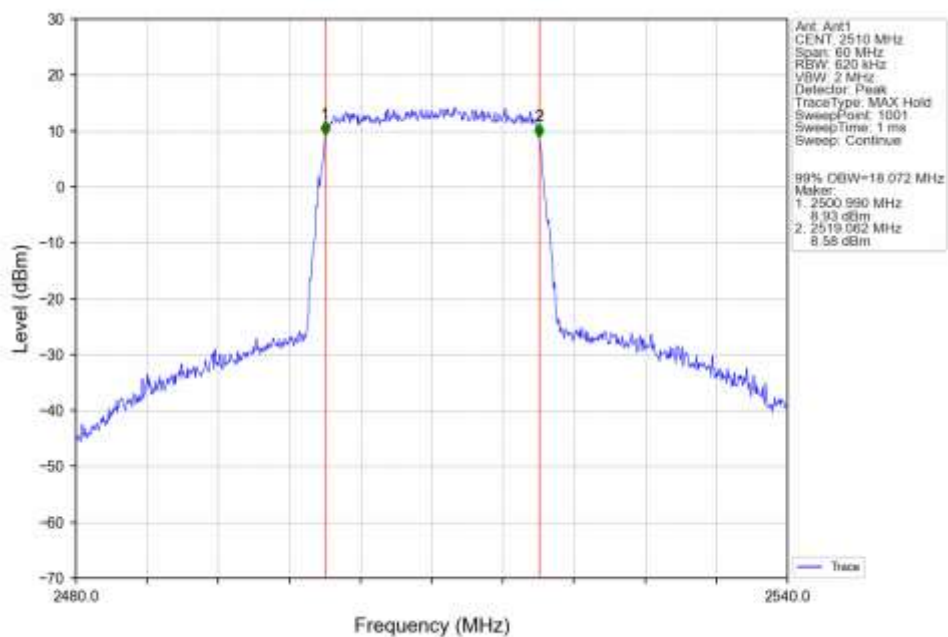
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



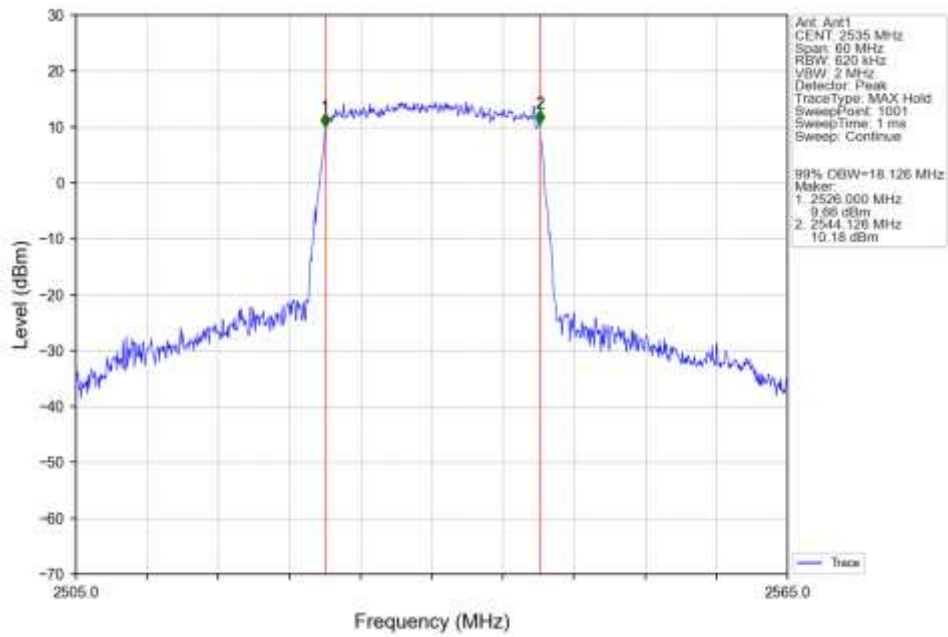
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



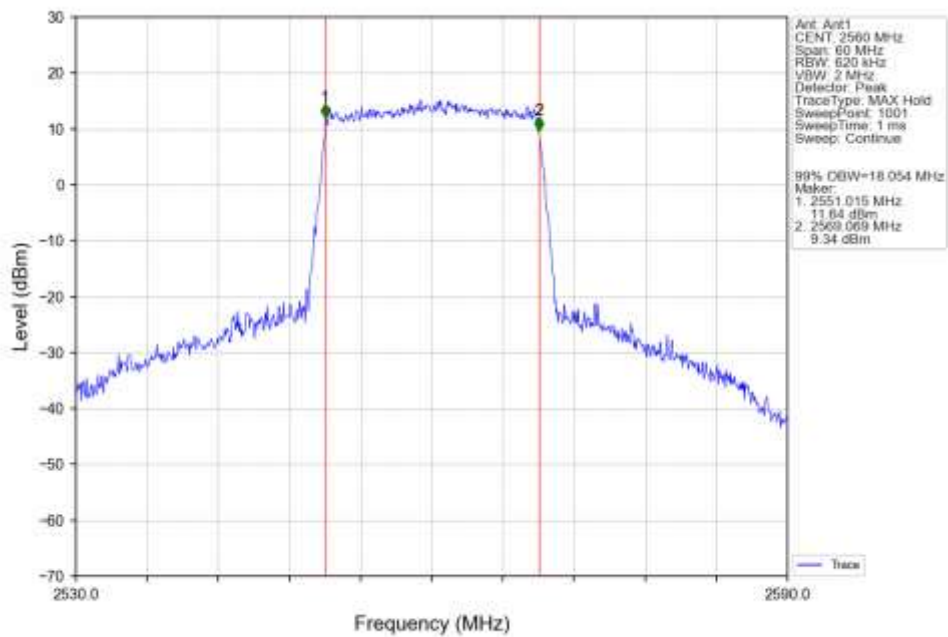
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV

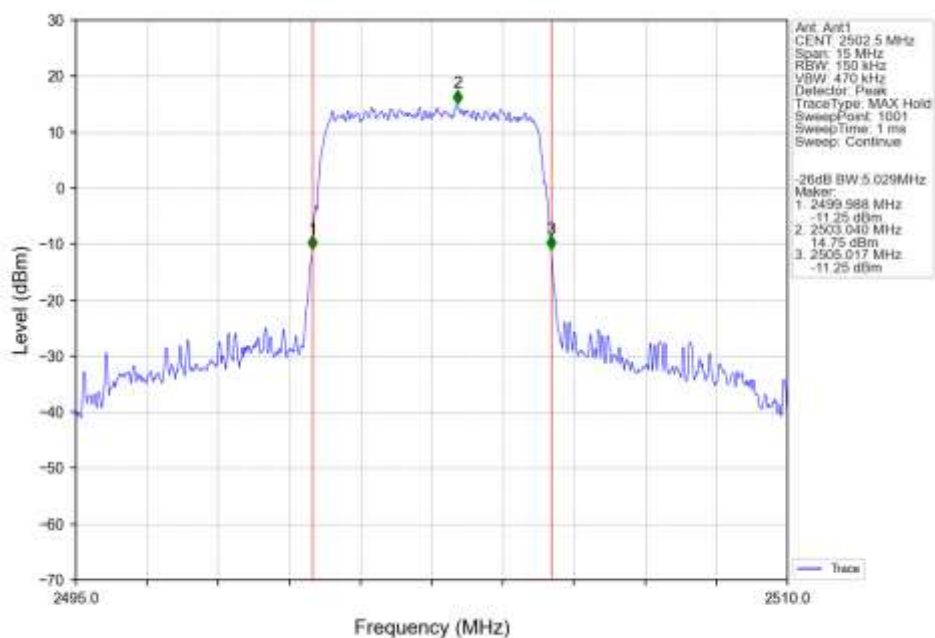


Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV

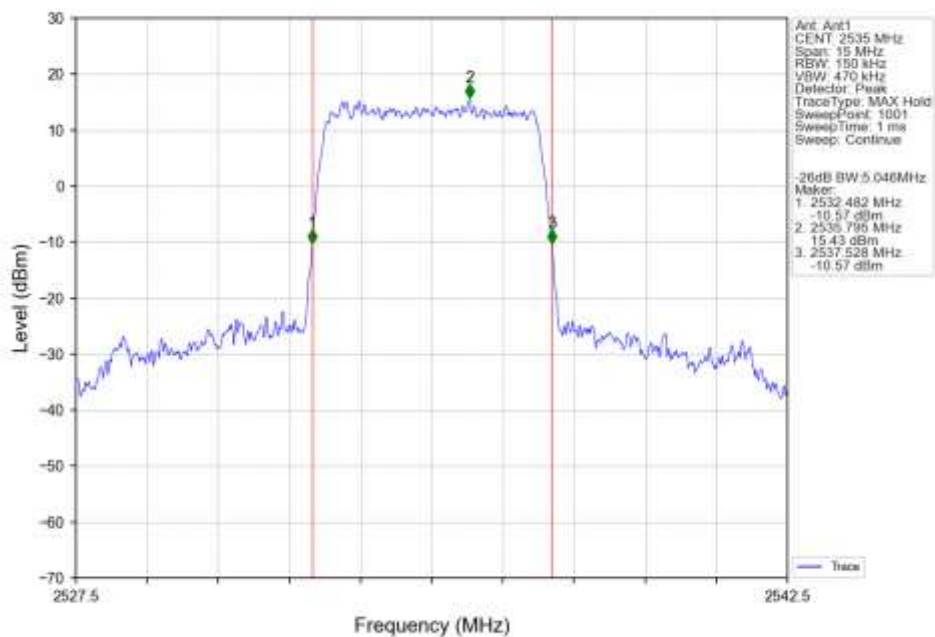


## 4.2.2 Band7\_XDB

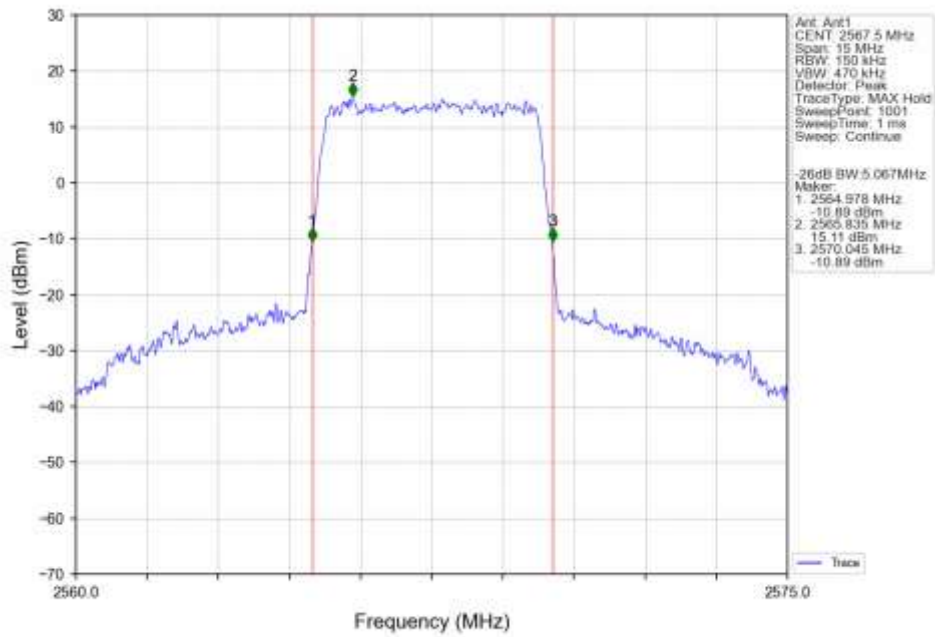
Band7\_5MHz\_QPSK\_LCH\_2502.5MHz\_RB\_25\_0\_NTNV



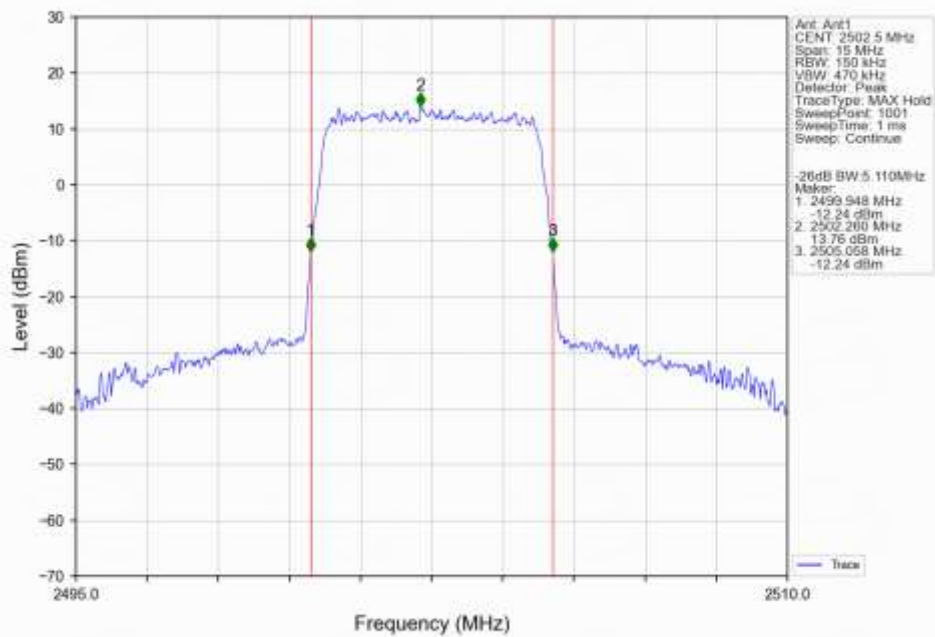
Band7\_5MHz\_QPSK\_MCH\_2535MHz\_RB\_25\_0\_NTNV



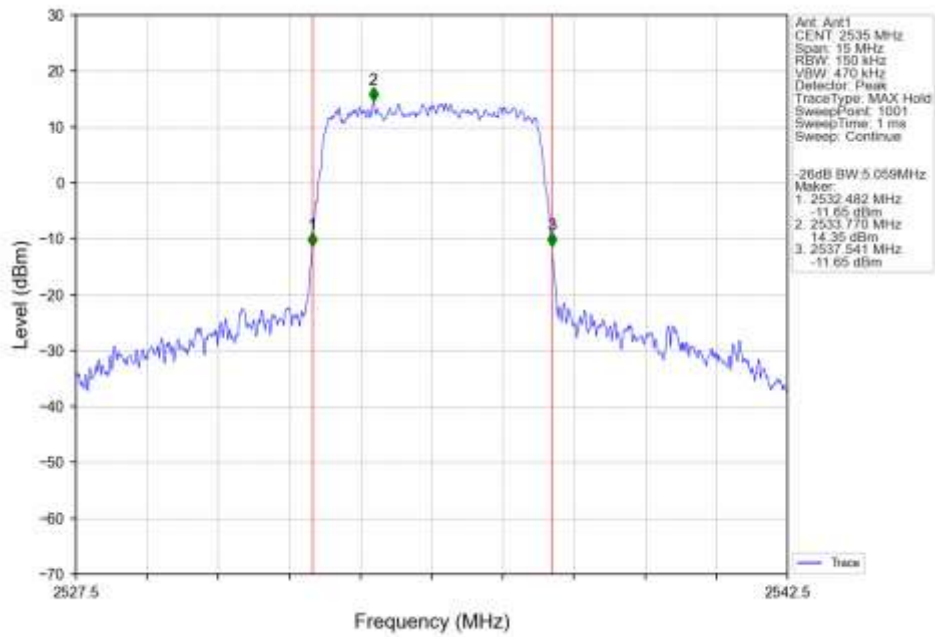
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTV



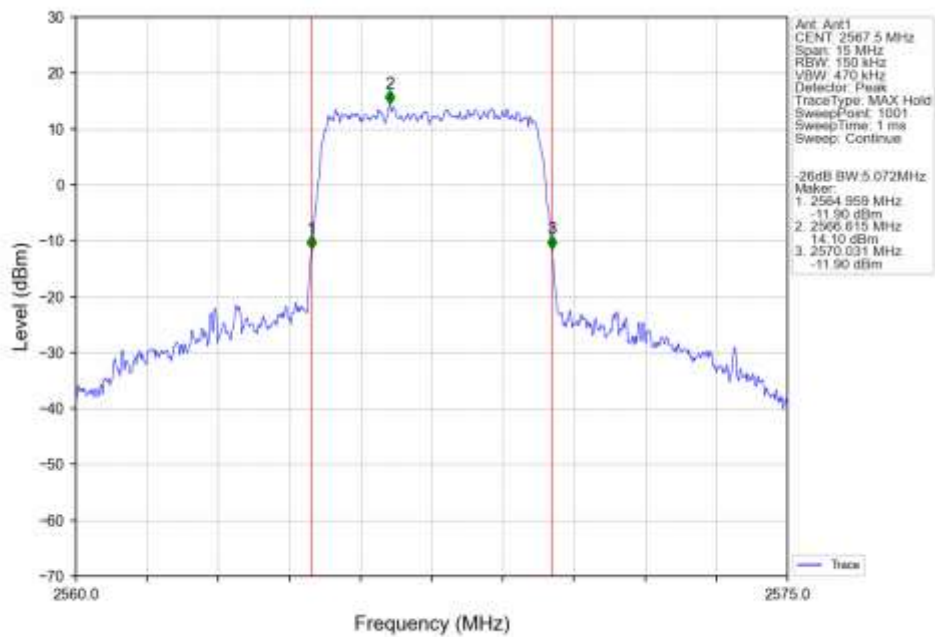
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTV



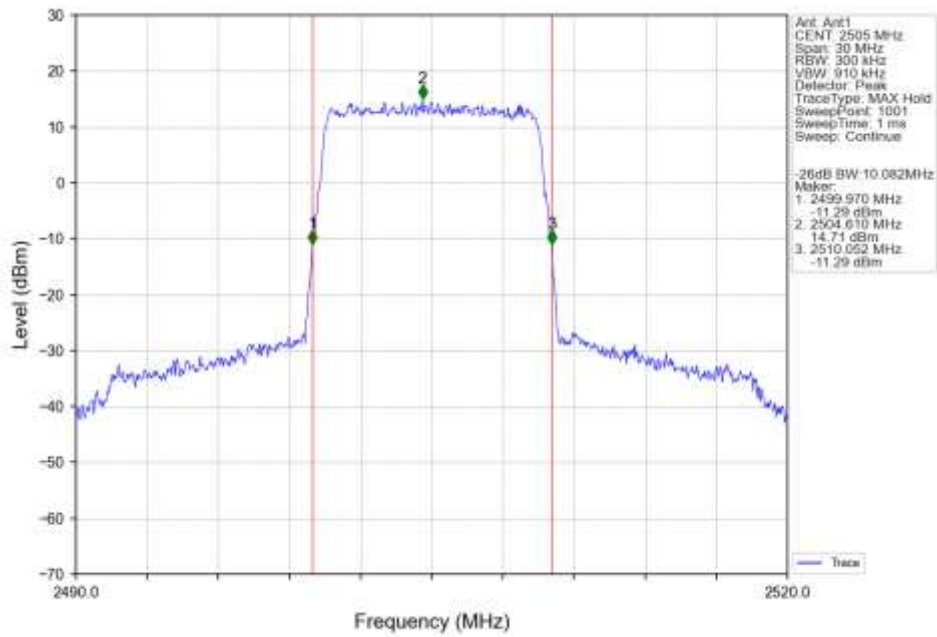
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTN



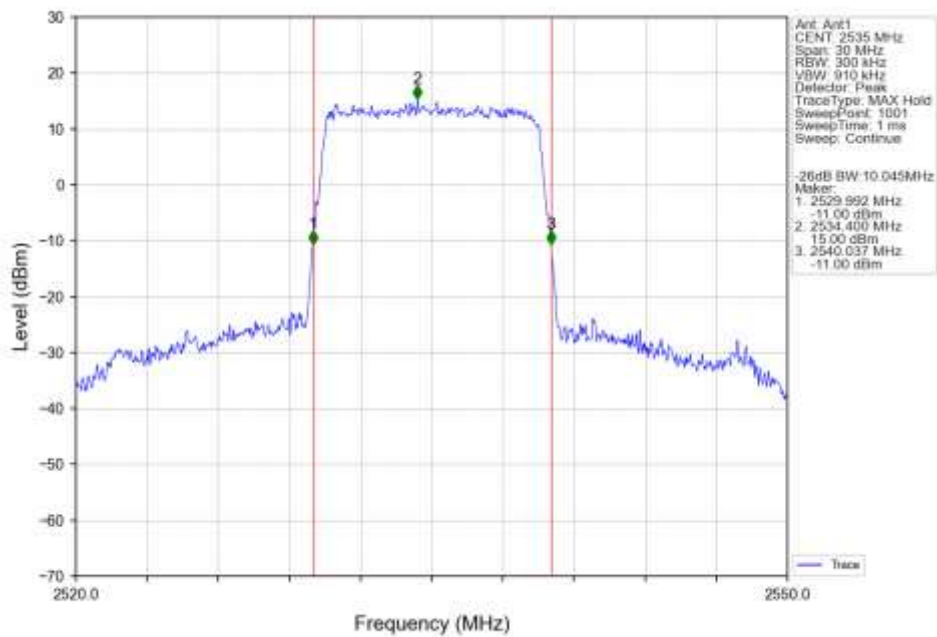
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTN



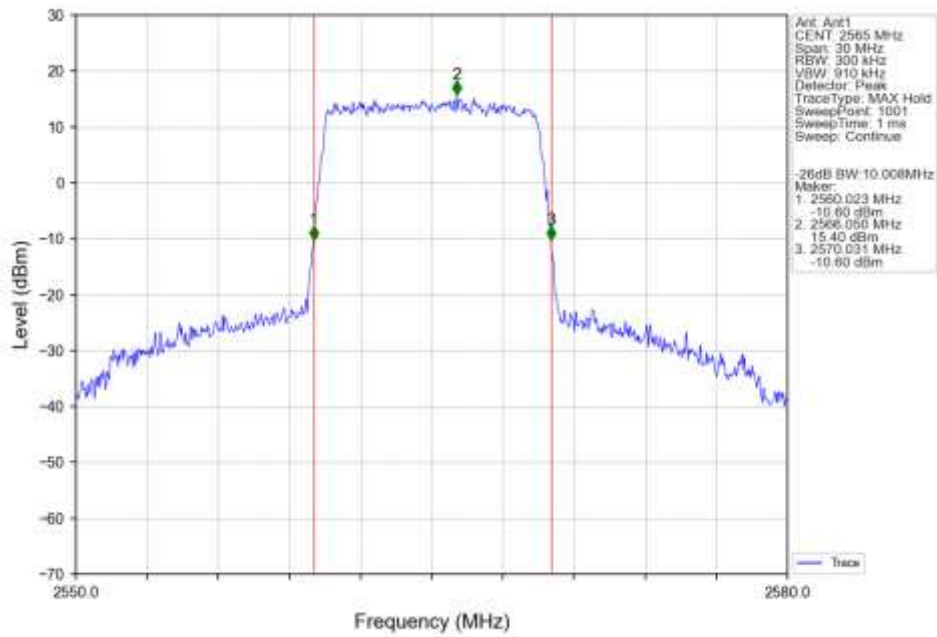
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



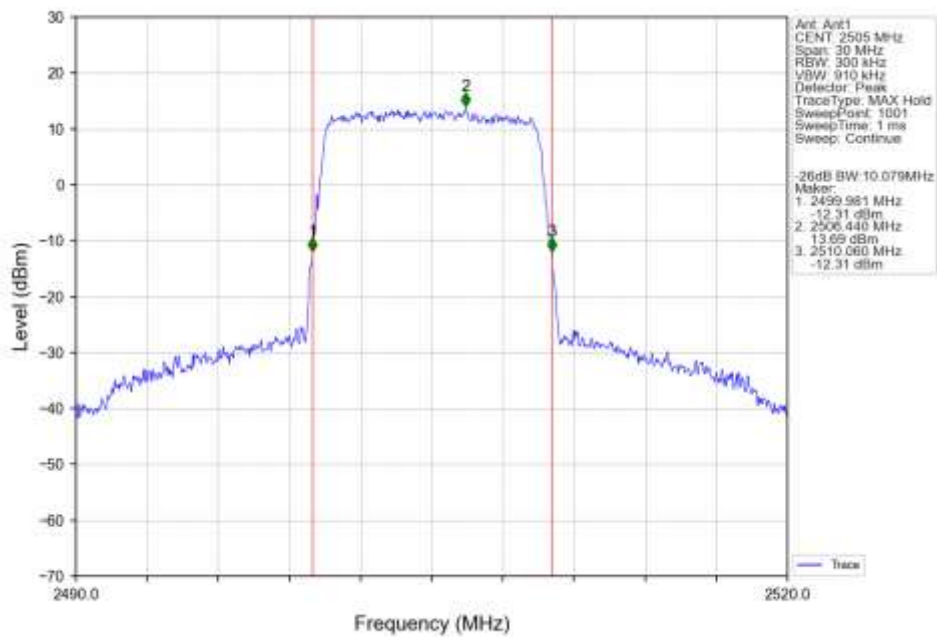
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



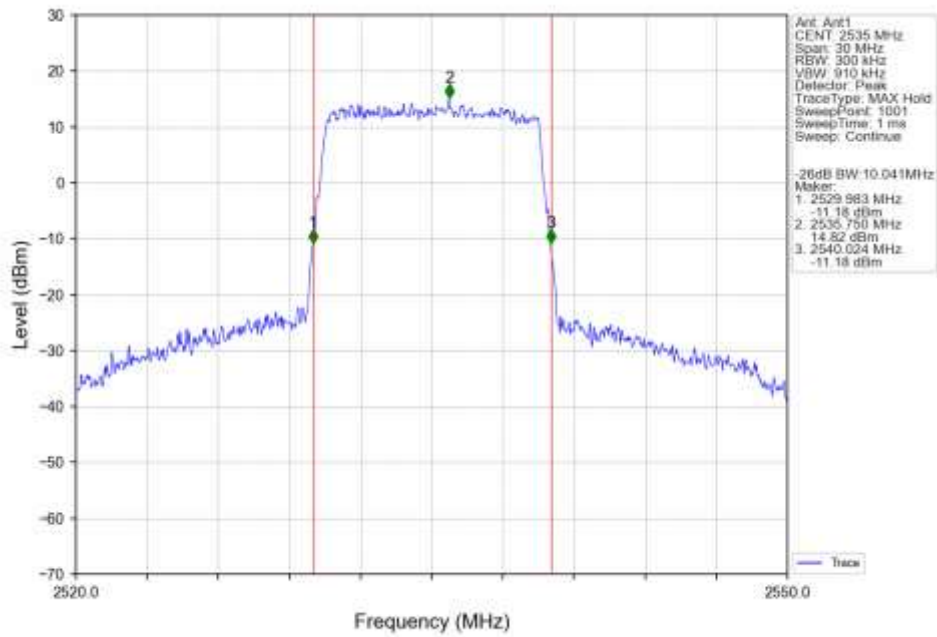
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



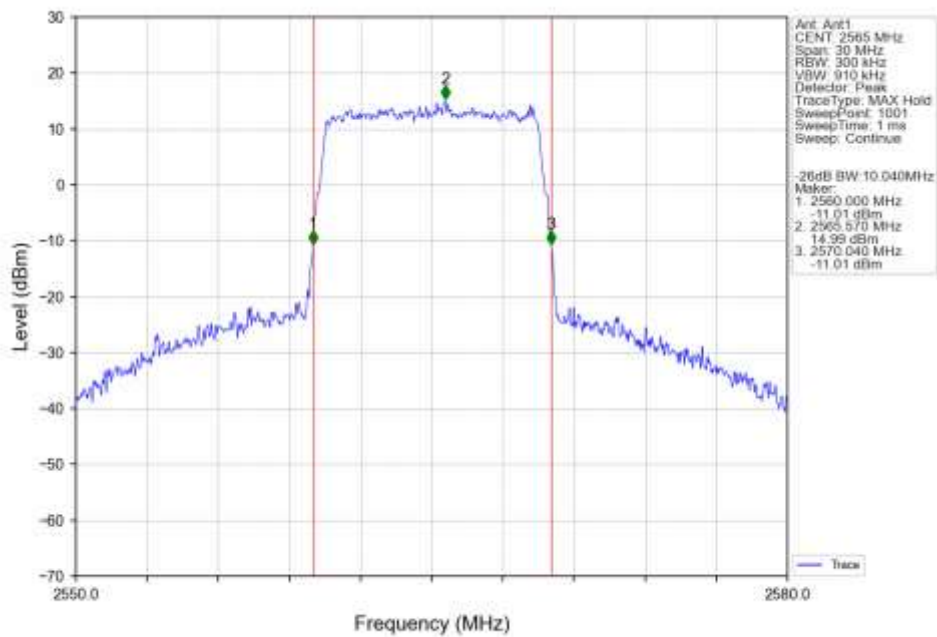
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTNV



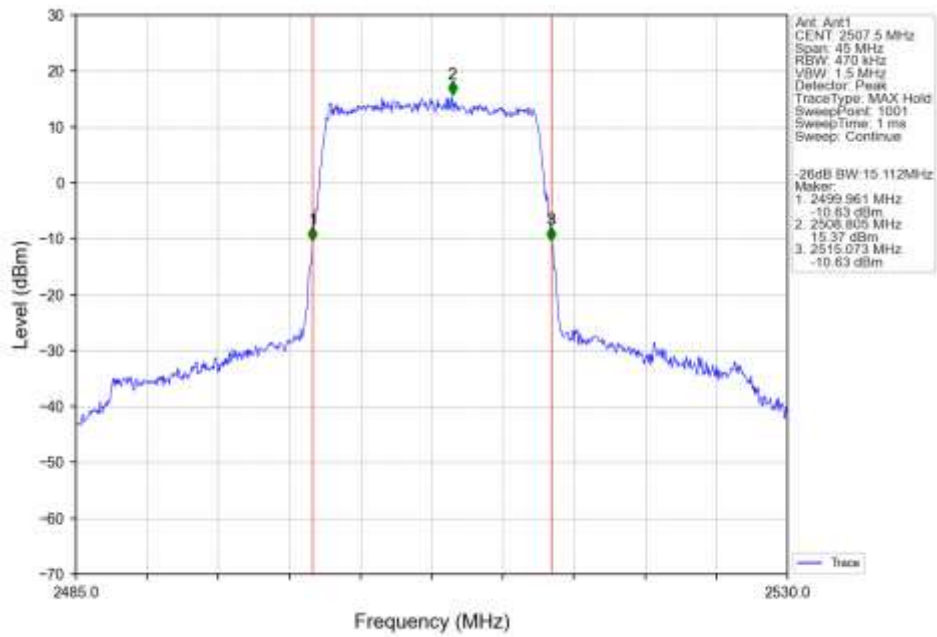
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



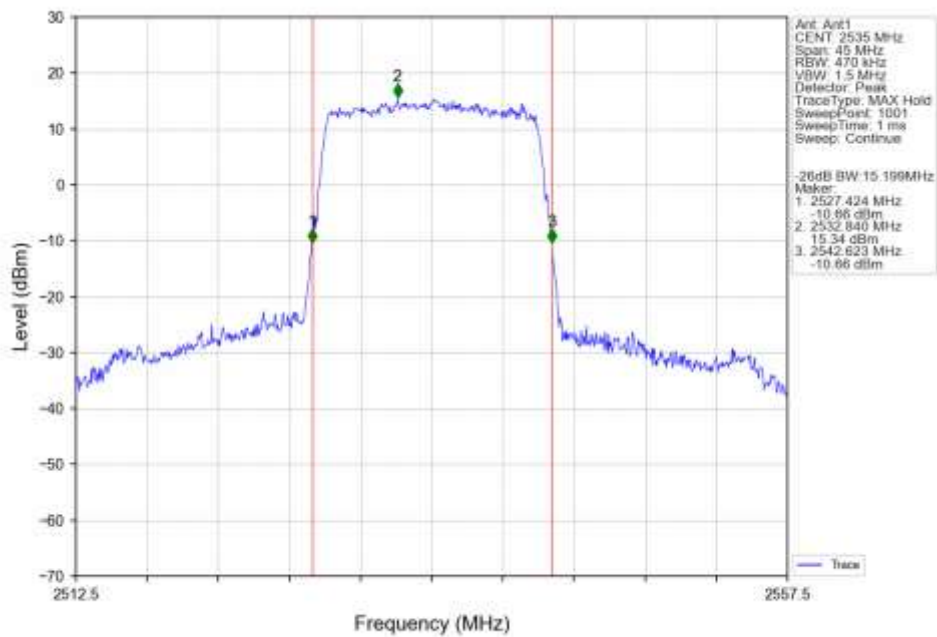
Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV



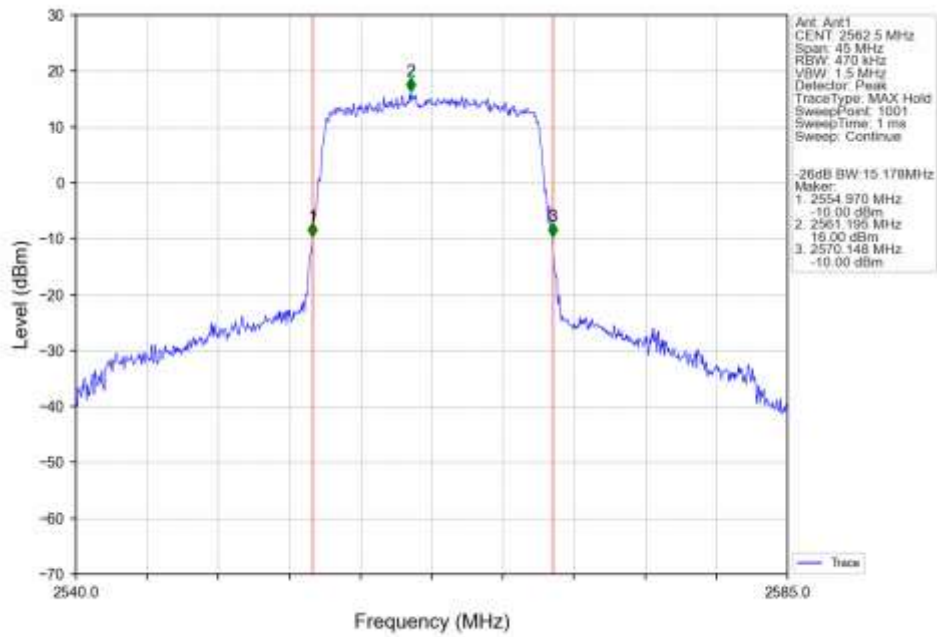
Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV



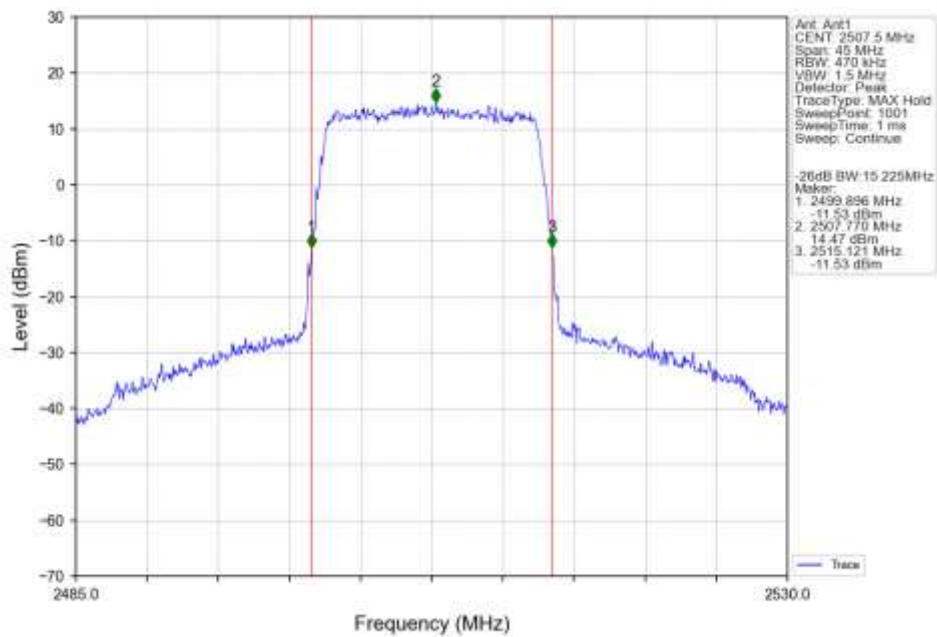
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTNV



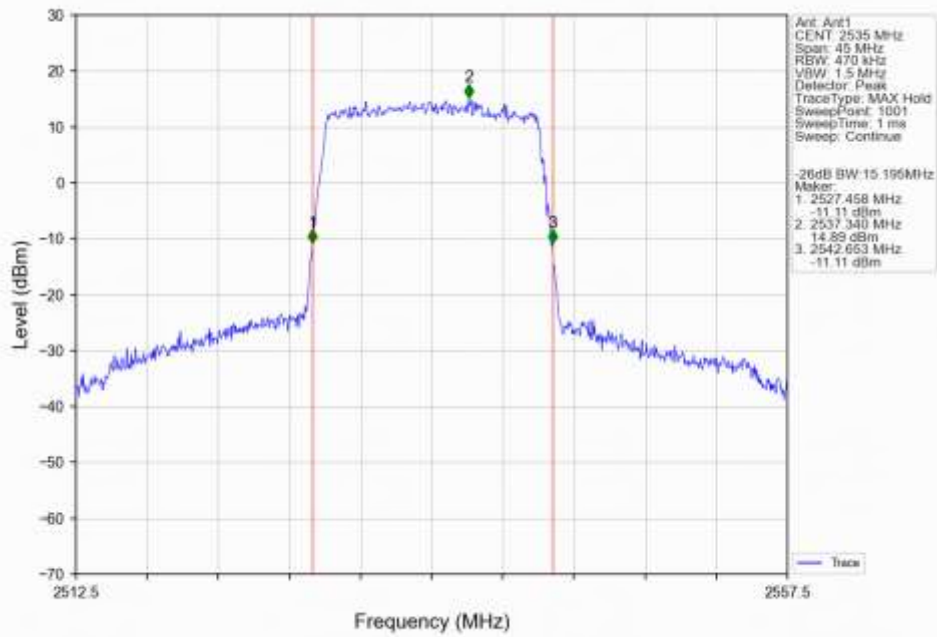
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



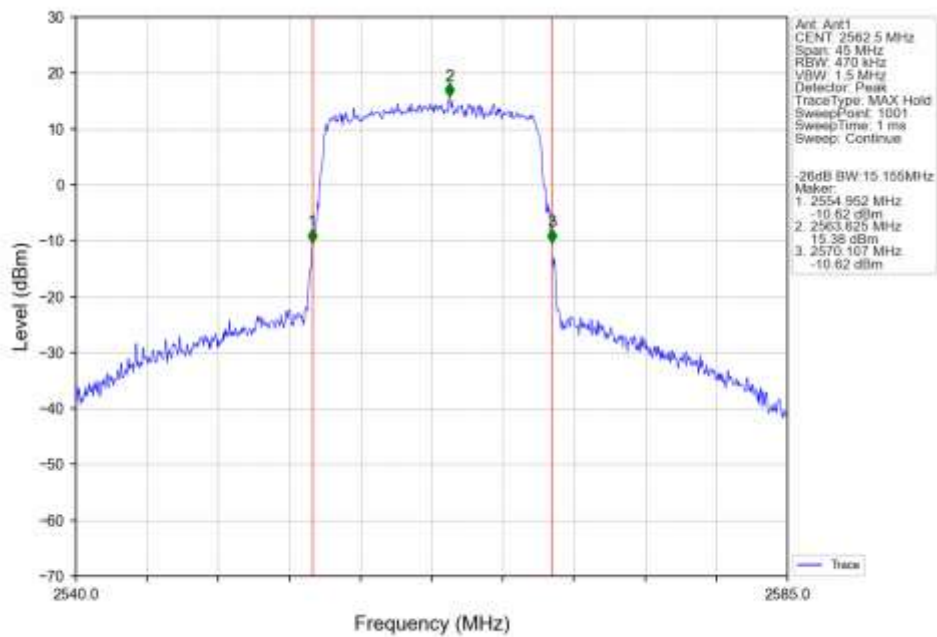
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



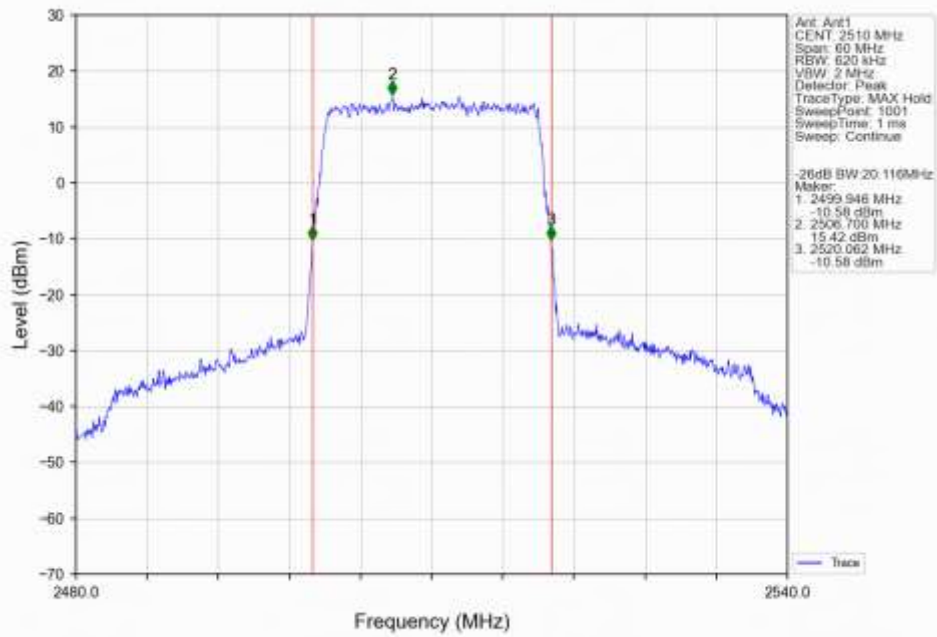
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV



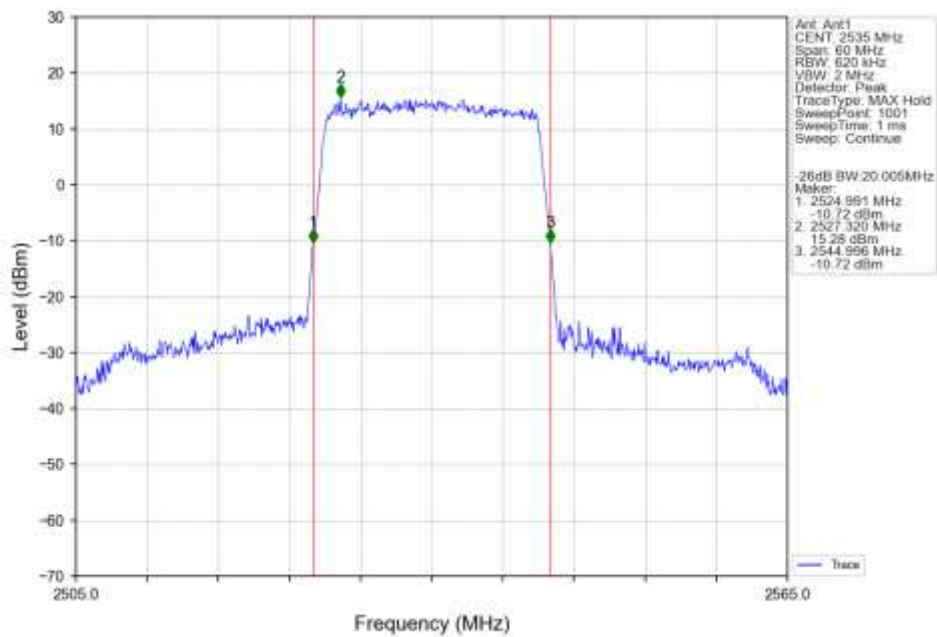
Band7 15MHz 16QAM HCH 2562.5MHz RB 75 0 NTNV



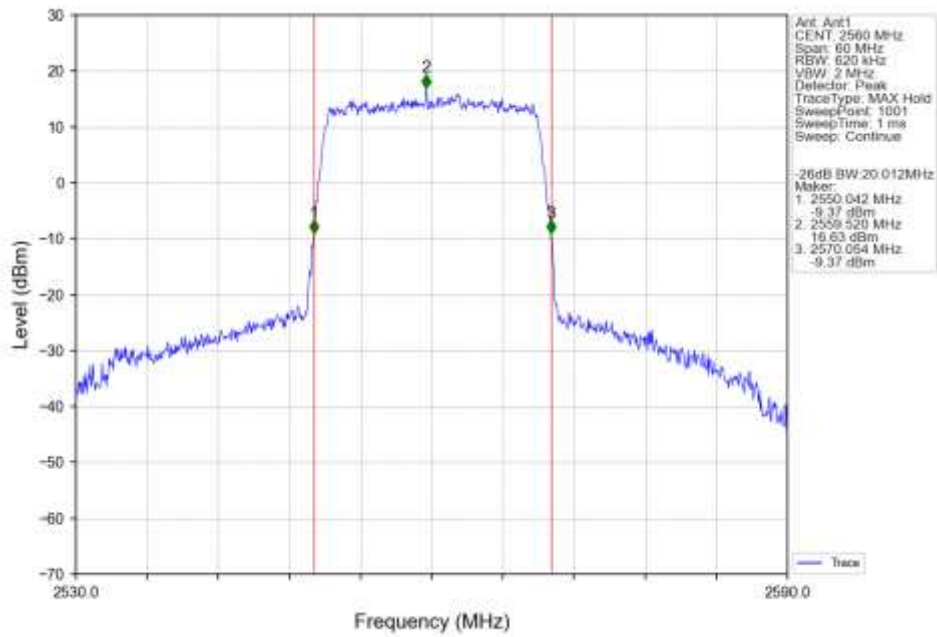
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



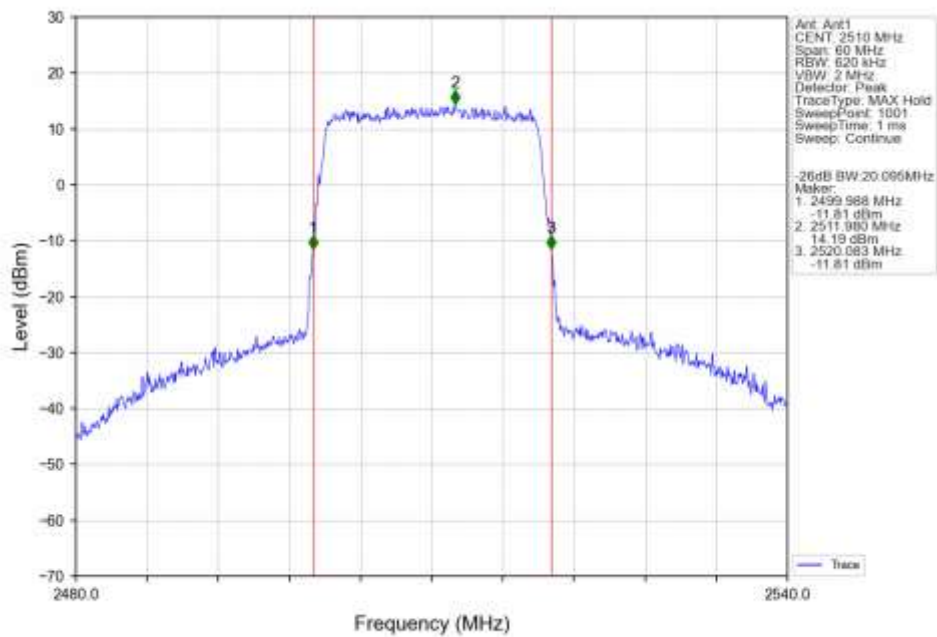
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



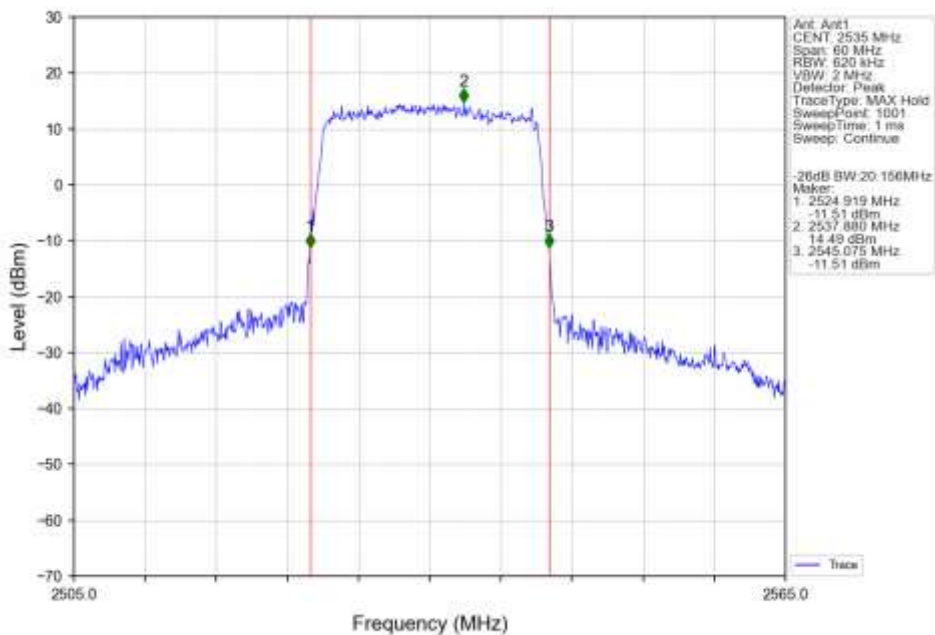
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



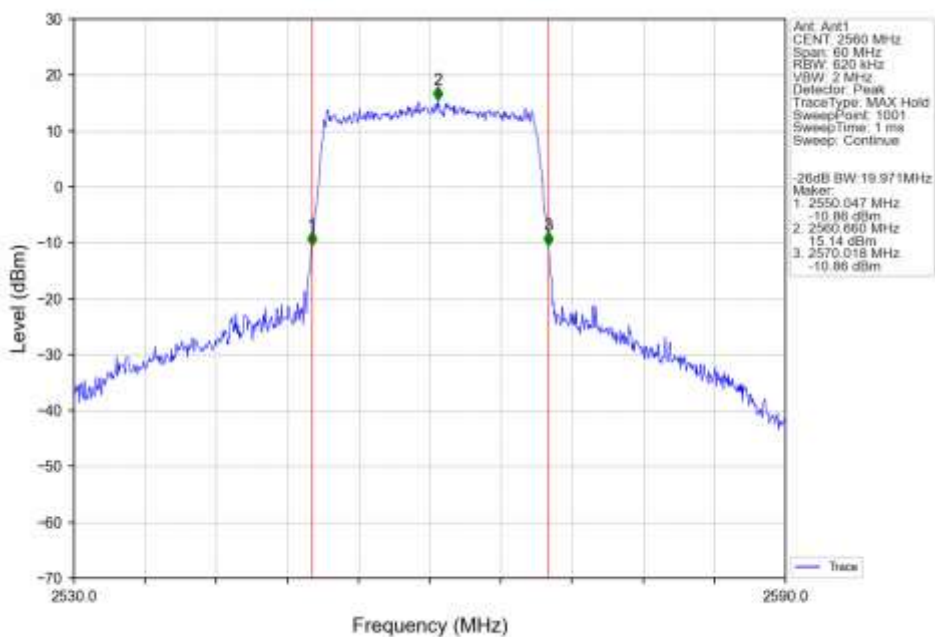
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTV



Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B7\_5MHz

| Band: 7 / Bandwidth: 5MHz / NTNV |                 |               |        |                         |       |         |
|----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                  |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                             | 2502.5          | 25            | 0      | 5.66                    | <=13  | Pass    |
|                                  | 2535            | 25            | 0      | 5.37                    | <=13  | Pass    |
|                                  | 2567.5          | 25            | 0      | 5.28                    | <=13  | Pass    |
| 16QAM                            | 2502.5          | 25            | 0      | 6.39                    | <=13  | Pass    |
|                                  | 2535            | 25            | 0      | 6.05                    | <=13  | Pass    |
|                                  | 2567.5          | 25            | 0      | 6.02                    | <=13  | Pass    |

#### 5.1.2 B7\_10MHz

| Band: 7 / Bandwidth: 10MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 2505            | 50            | 0      | 5.62                    | <=13  | Pass    |
|                                   | 2535            | 50            | 0      | 5.36                    | <=13  | Pass    |
|                                   | 2565            | 50            | 0      | 5.25                    | <=13  | Pass    |
| 16QAM                             | 2505            | 50            | 0      | 6.42                    | <=13  | Pass    |
|                                   | 2535            | 50            | 0      | 6.08                    | <=13  | Pass    |
|                                   | 2565            | 50            | 0      | 6.01                    | <=13  | Pass    |

#### 5.1.3 B7\_15MHz

| Band: 7 / Bandwidth: 15MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 2507.5          | 75            | 0      | 5.82                    | <=13  | Pass    |
|                                   | 2535            | 75            | 0      | 5.47                    | <=13  | Pass    |
|                                   | 2562.5          | 75            | 0      | 5.38                    | <=13  | Pass    |
| 16QAM                             | 2507.5          | 75            | 0      | 6.34                    | <=13  | Pass    |
|                                   | 2535            | 75            | 0      | 6.05                    | <=13  | Pass    |
|                                   | 2562.5          | 75            | 0      | 5.96                    | <=13  | Pass    |

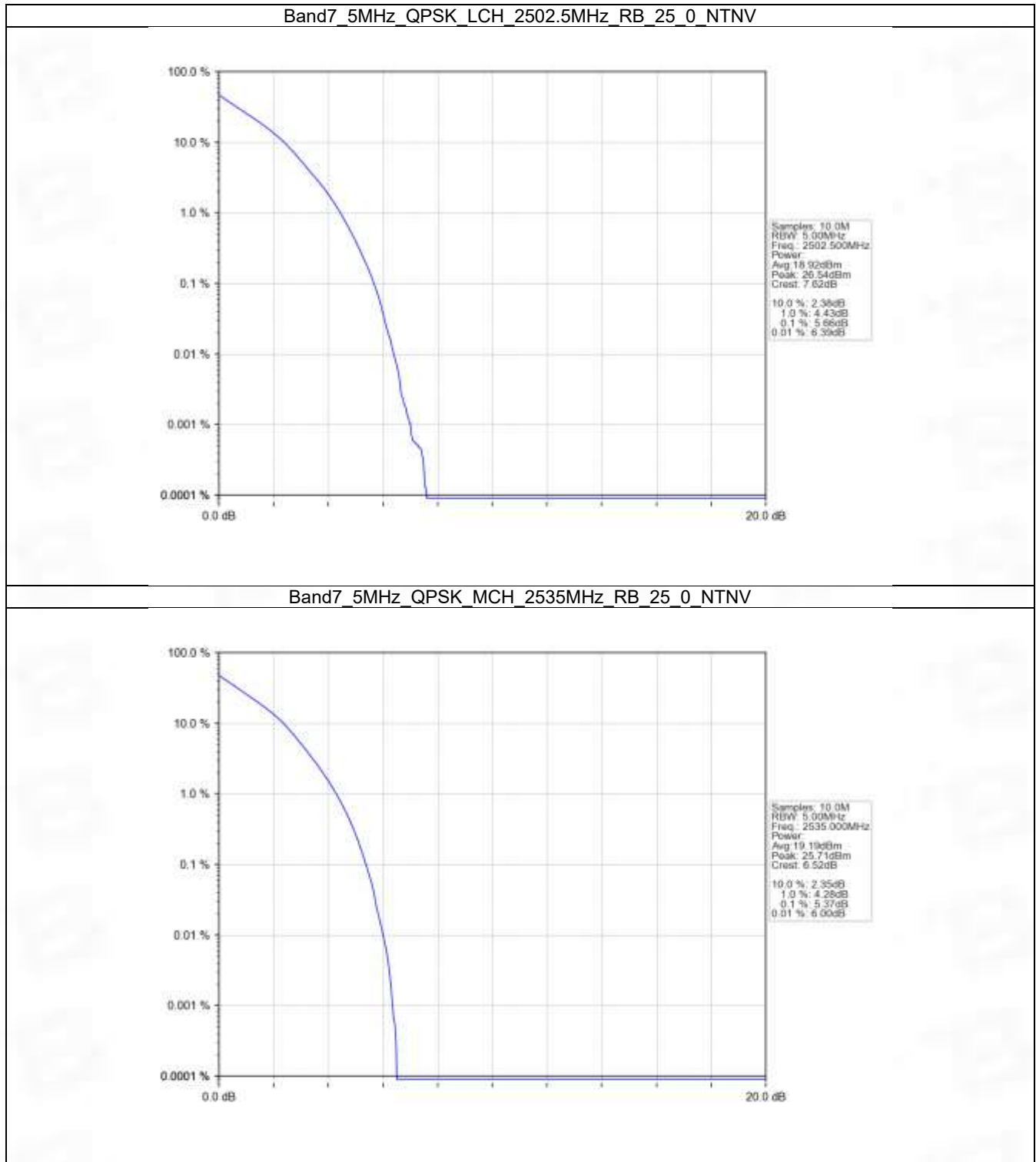
#### 5.1.4 B7\_20MHz

| Band: 7 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|-----------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                   |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                              | 2510            | 100           | 0      | 5.57                    | <=13  | Pass    |
|                                   | 2535            | 100           | 0      | 5.29                    | <=13  | Pass    |
|                                   | 2560            | 100           | 0      | 5.31                    | <=13  | Pass    |
| 16QAM                             | 2510            | 100           | 0      | 6.36                    | <=13  | Pass    |
|                                   | 2535            | 100           | 0      | 6.09                    | <=13  | Pass    |

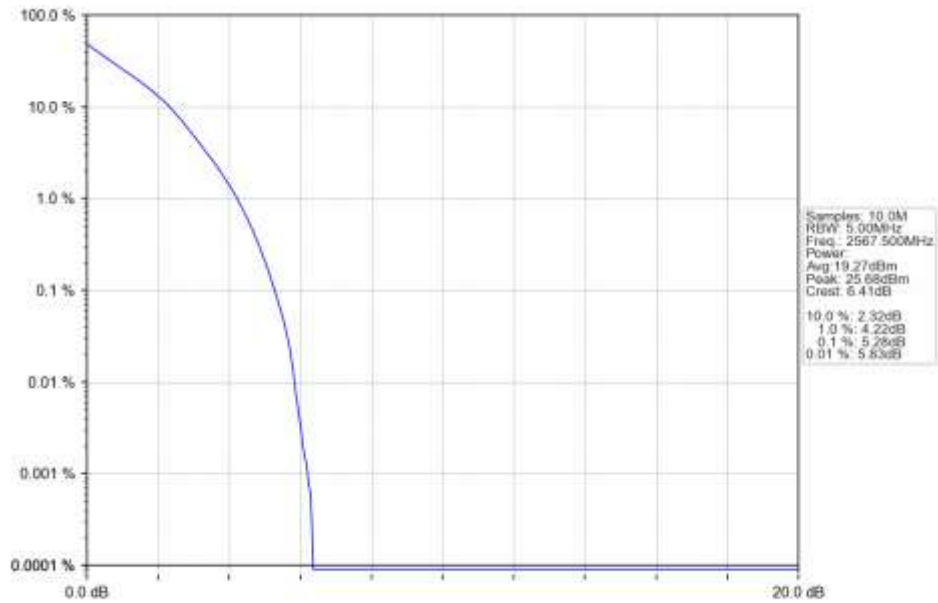
|  |      |     |   |      |      |      |
|--|------|-----|---|------|------|------|
|  | 2560 | 100 | 0 | 6.07 | <=13 | Pass |
|--|------|-----|---|------|------|------|

## 5.2 Test Graph

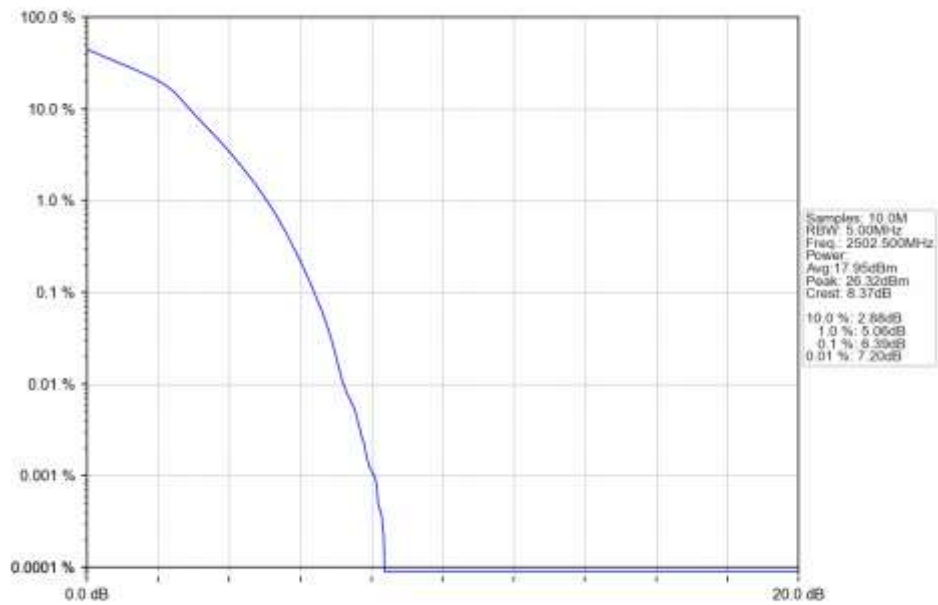
### 5.2.1 B7\_5MHz



Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV



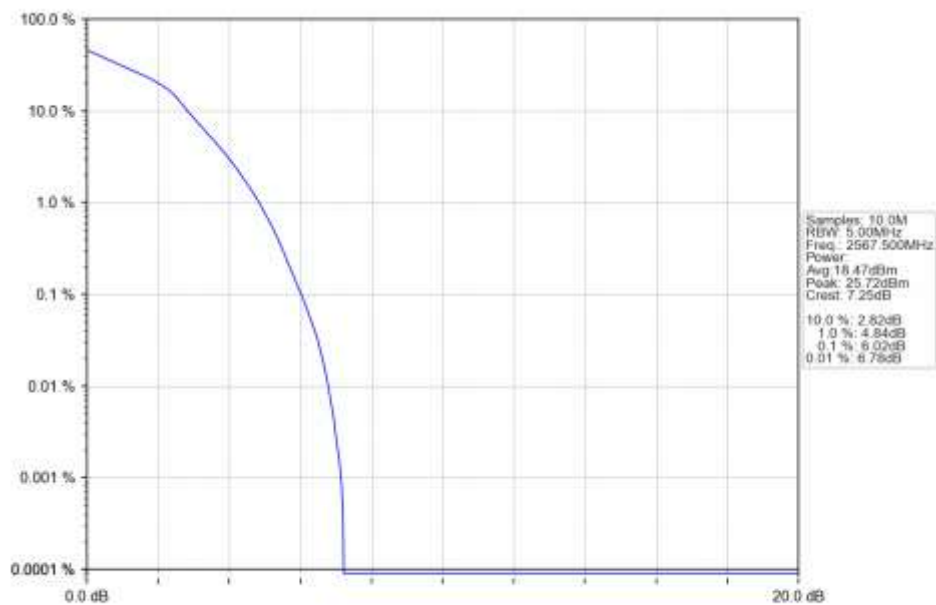
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV



Band7 5MHz 16QAM MCH 2535MHz RB 25.0 NTNV

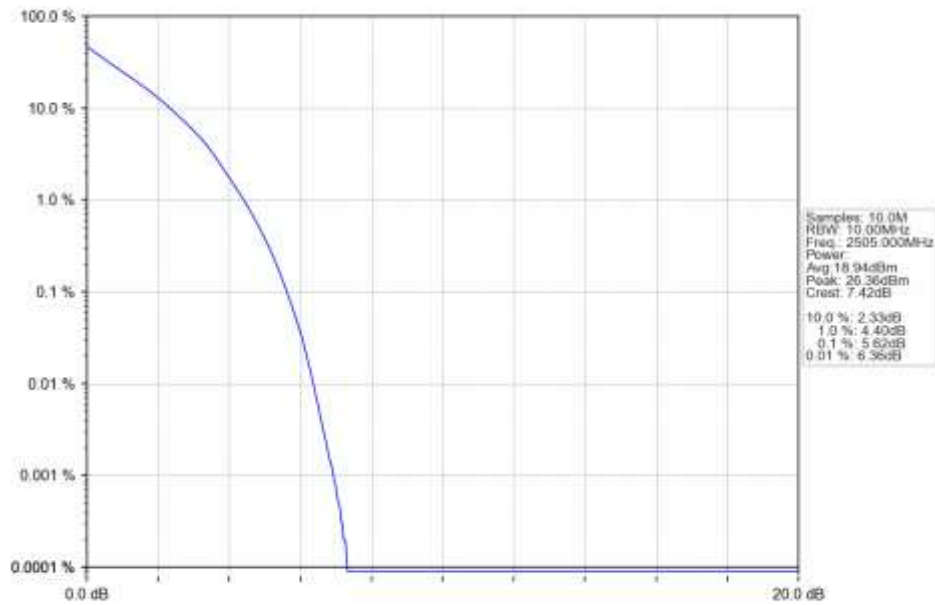


Band7 5MHz 16QAM HCH 2567.5MHz RB 25.0 NTNV

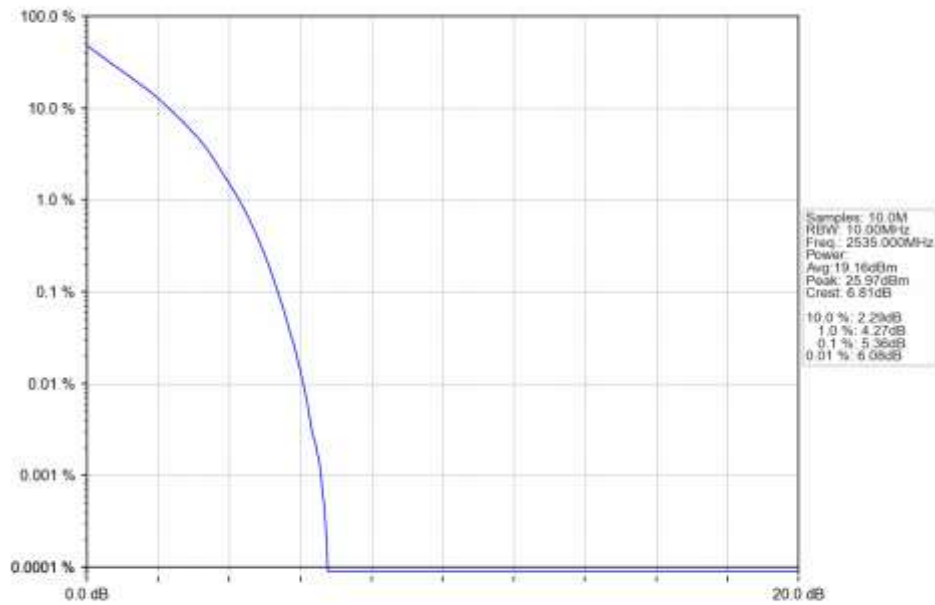


### 5.2.2 B7\_10MHz

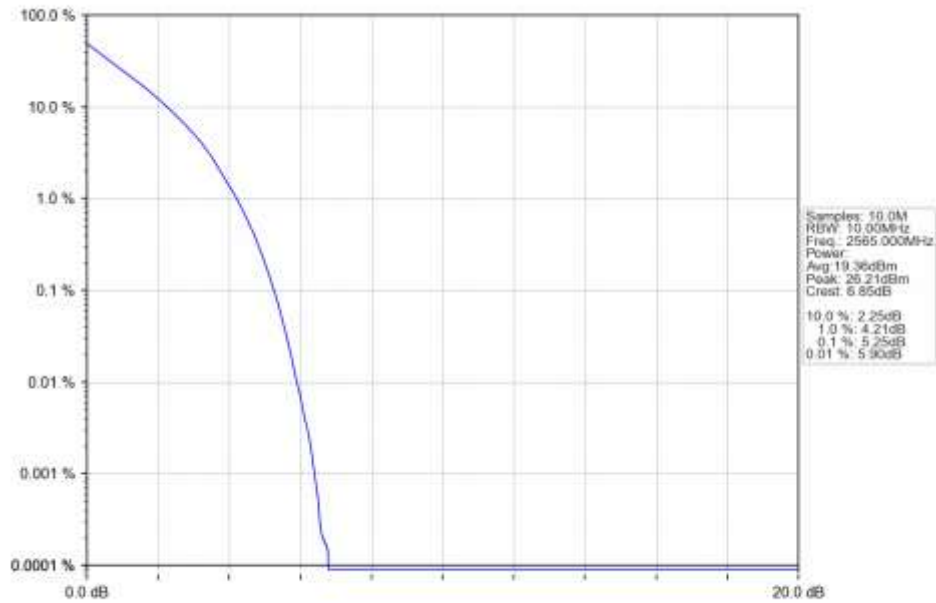
Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_50\_0\_NTNV



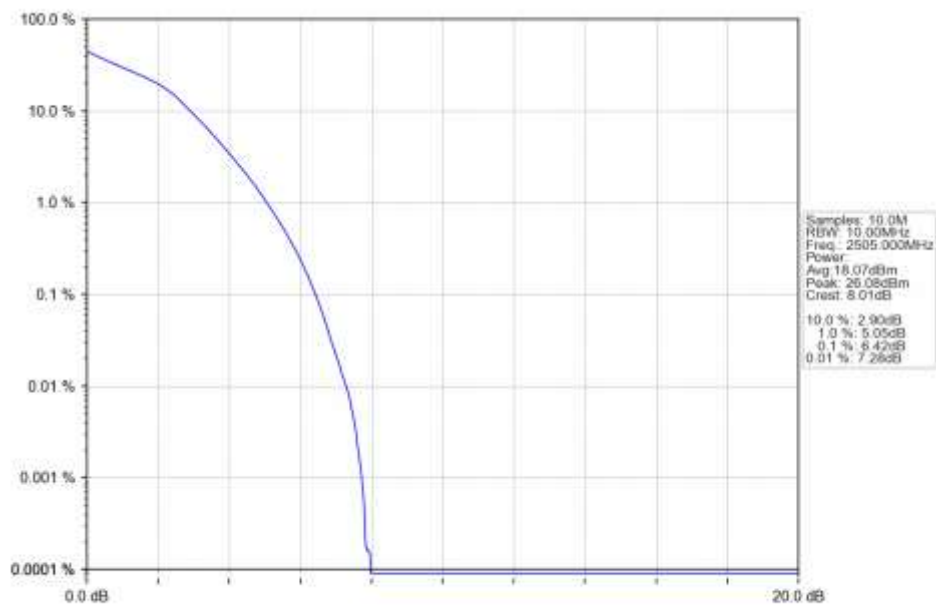
Band7\_10MHz\_QPSK\_MCH\_2535MHz\_RB\_50\_0\_NTNV



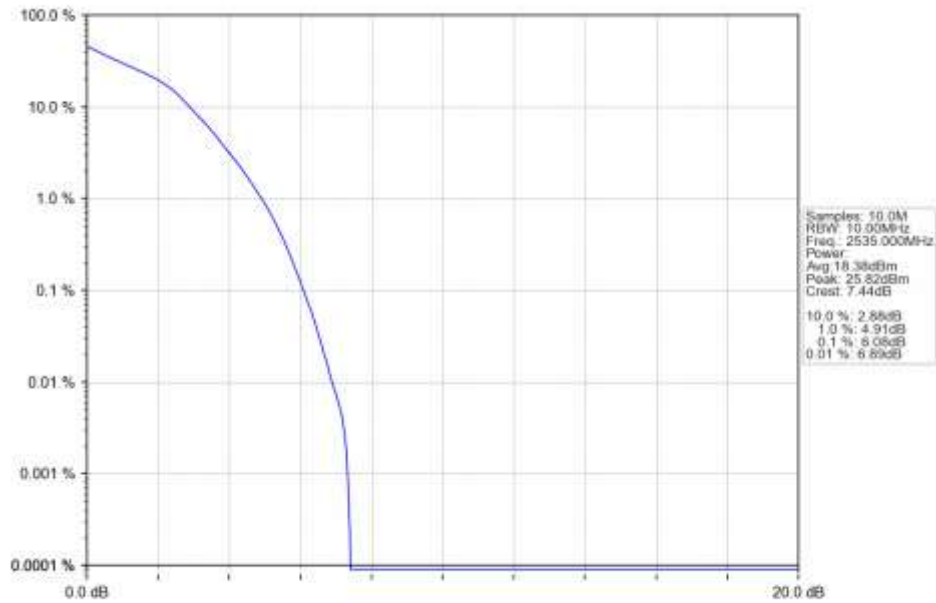
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



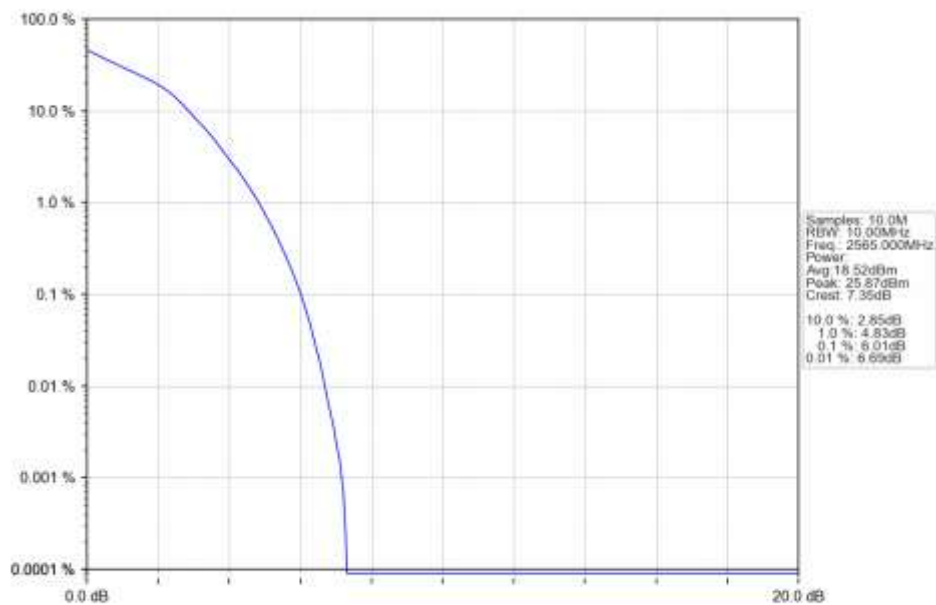
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTN



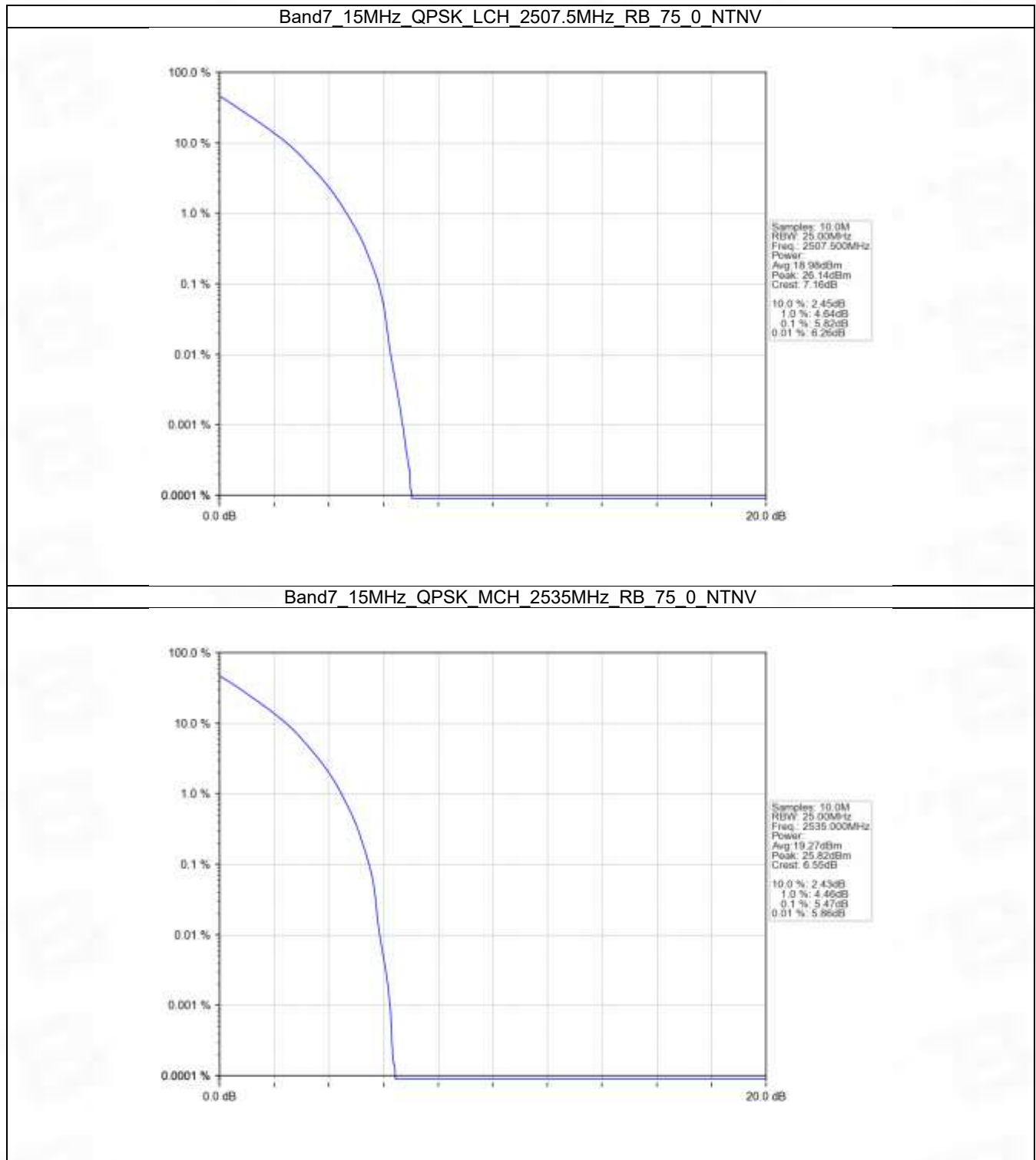
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTV



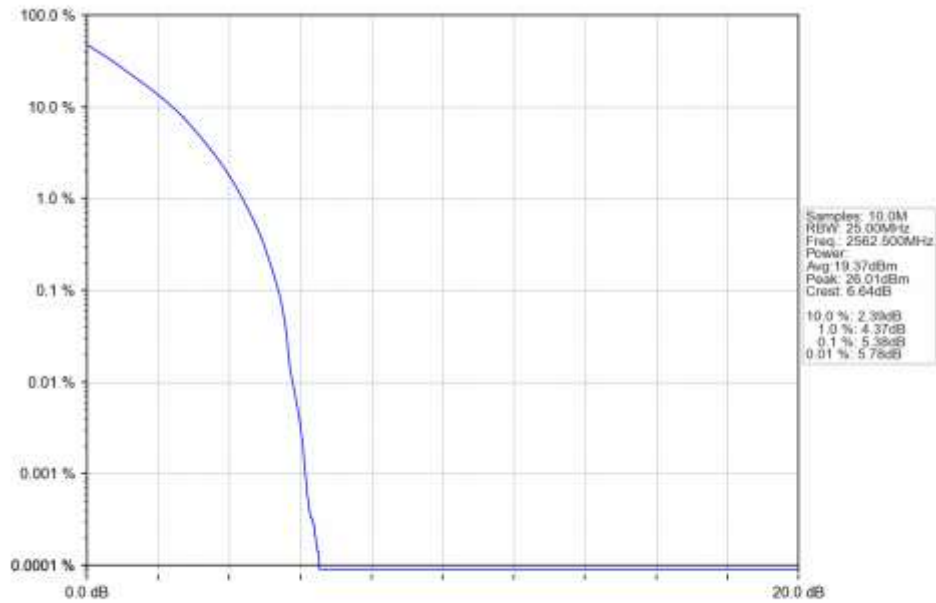
Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTV



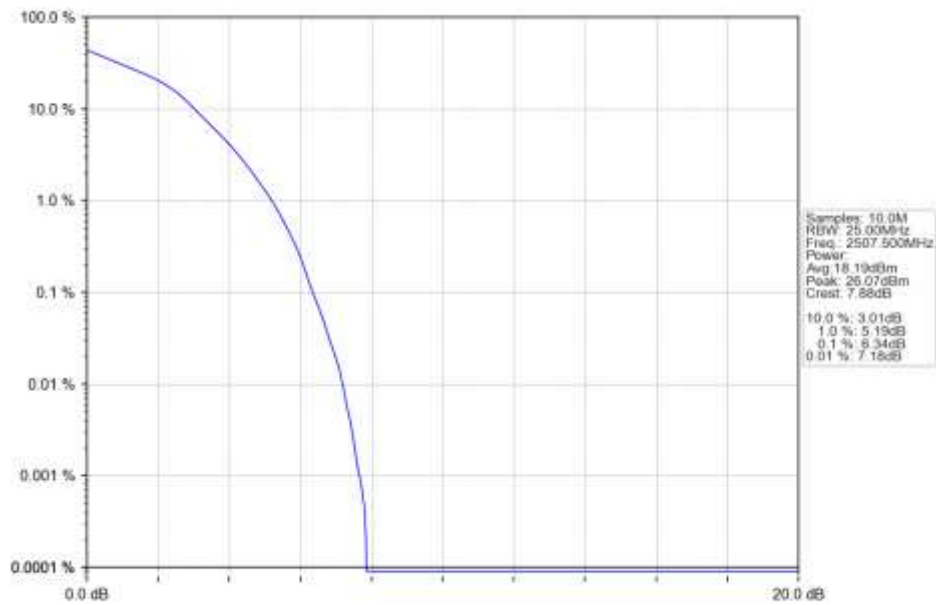
### 5.2.3 B7\_15MHz



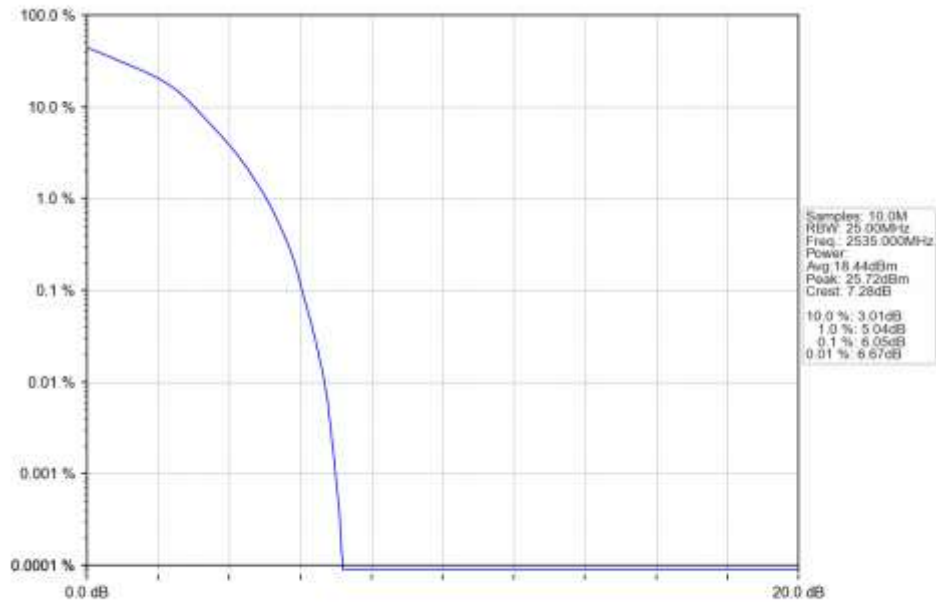
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



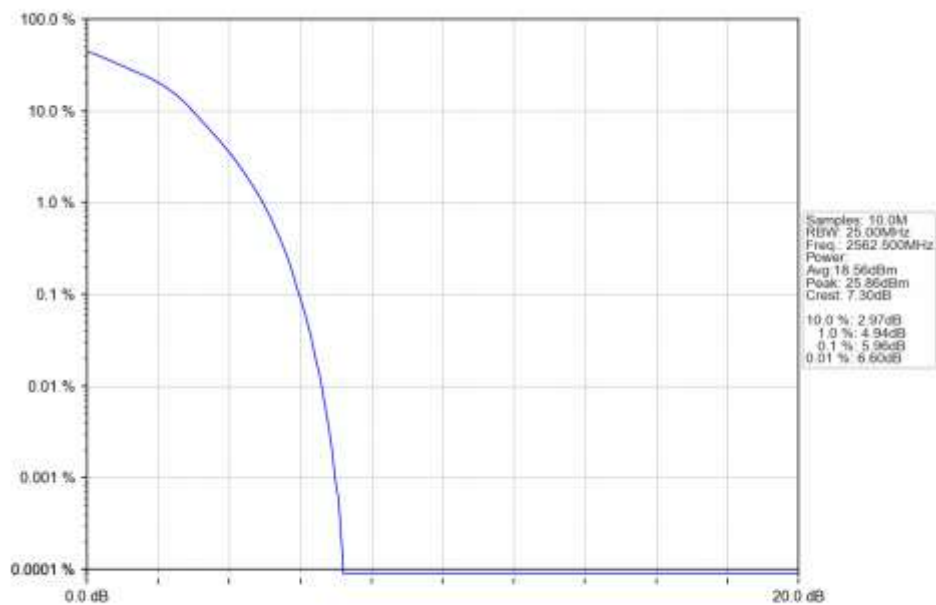
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV



Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTV

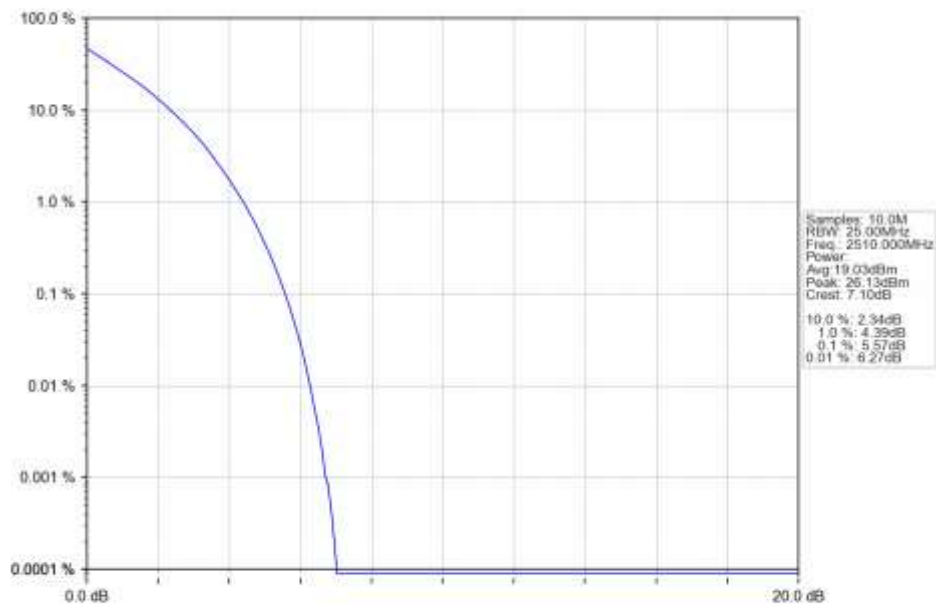


Band7 15MHz 16QAM HCH 2562.5MHz RB 75 0 NTV

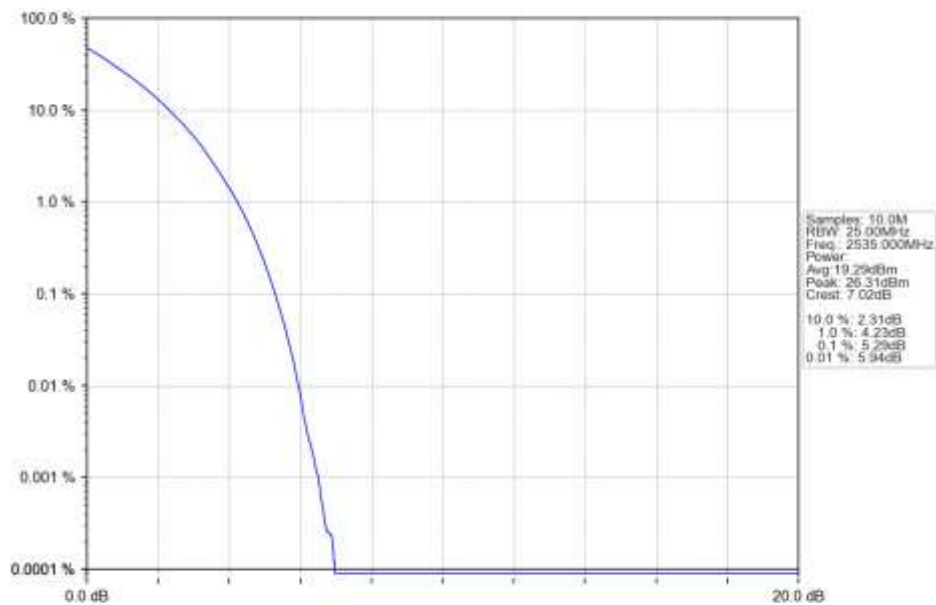


### 5.2.4 B7\_20MHz

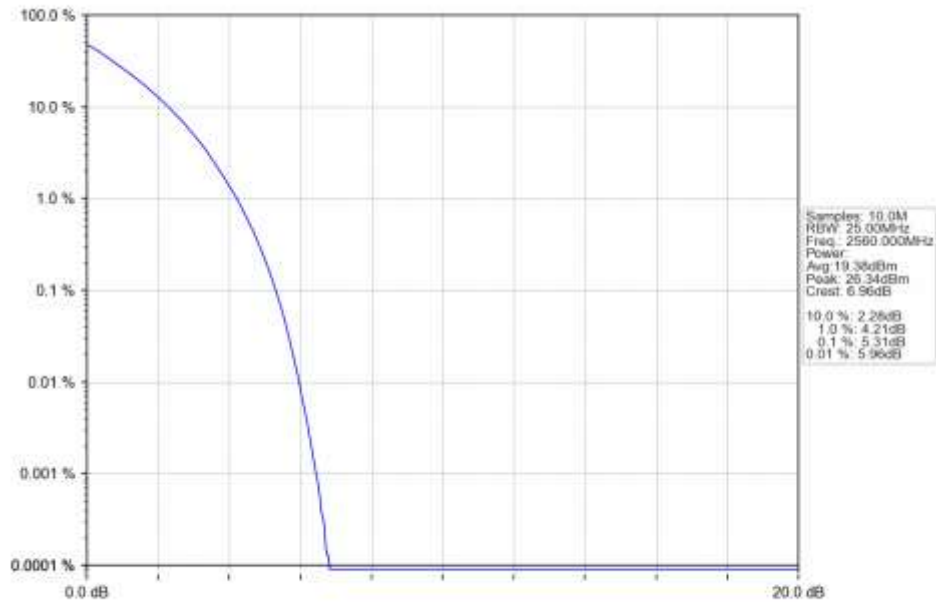
Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_100\_0\_NTNV



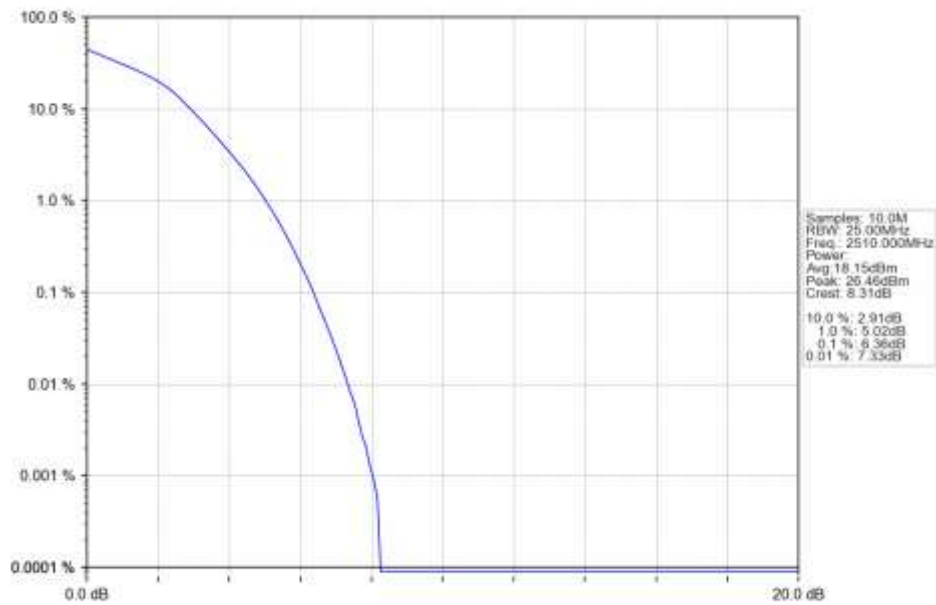
Band7\_20MHz\_QPSK\_MCH\_2535MHz\_RB\_100\_0\_NTNV



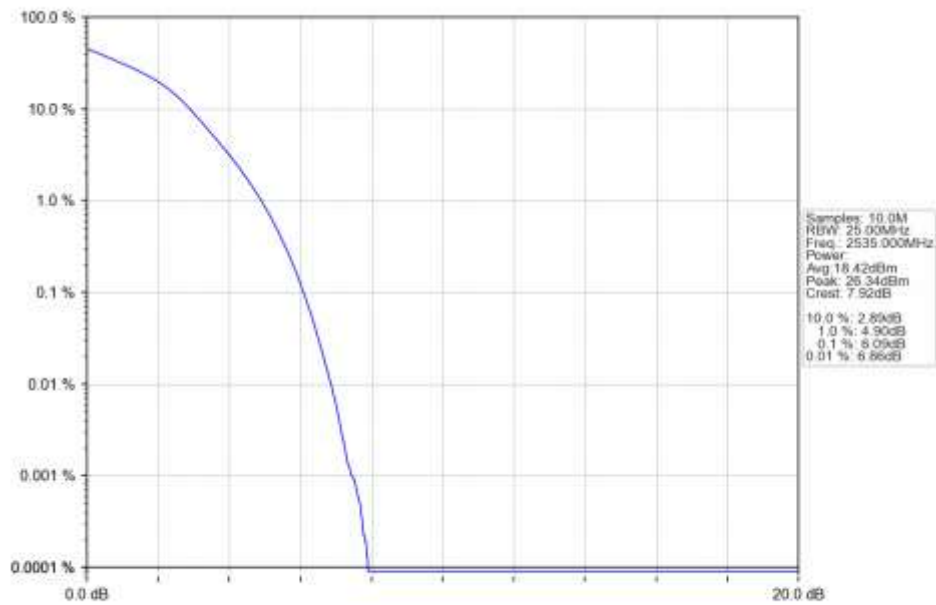
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



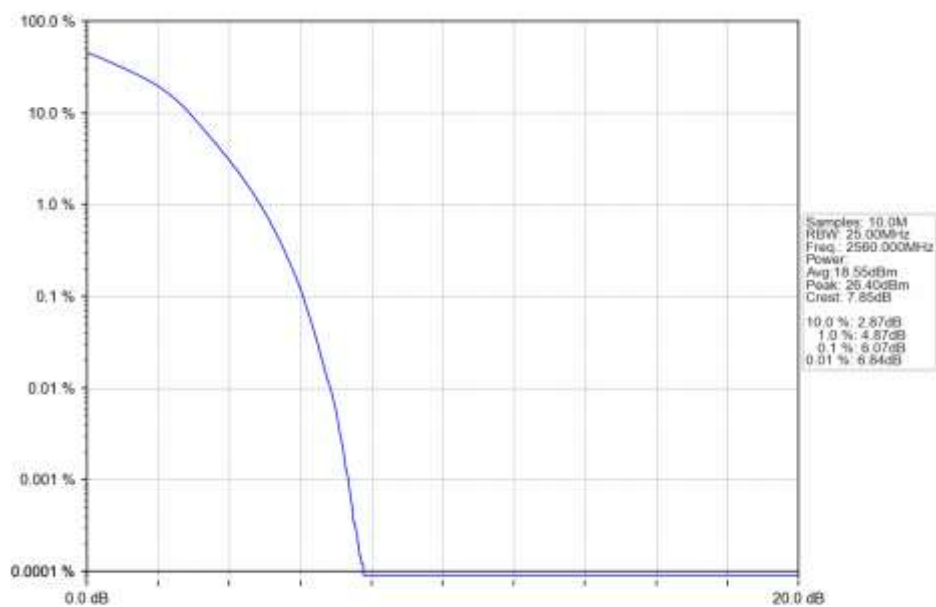
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV



## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 B7\_5MHz

| Band: 7 / Bandwidth: 5MHz / NTNV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 2502.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2535            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                            | 2502.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 2535            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.2 B7\_10MHz

| Band: 7 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 2505            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2535            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 2505            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2535            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                   |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

#### 6.1.3 B7\_15MHz

| Band: 7 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 2507.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2535            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                   |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 2507.5          | 1             | 0      | Refer To Test Graph |       | Pass    |

|  |        |    |    |                     |      |
|--|--------|----|----|---------------------|------|
|  |        | 75 | 0  | Refer To Test Graph | Pass |
|  | 2535   | 1  | 0  | Refer To Test Graph | Pass |
|  | 2562.5 | 1  | 0  | Refer To Test Graph | Pass |
|  |        |    | 74 | Refer To Test Graph | Pass |
|  |        | 75 | 0  | Refer To Test Graph | Pass |

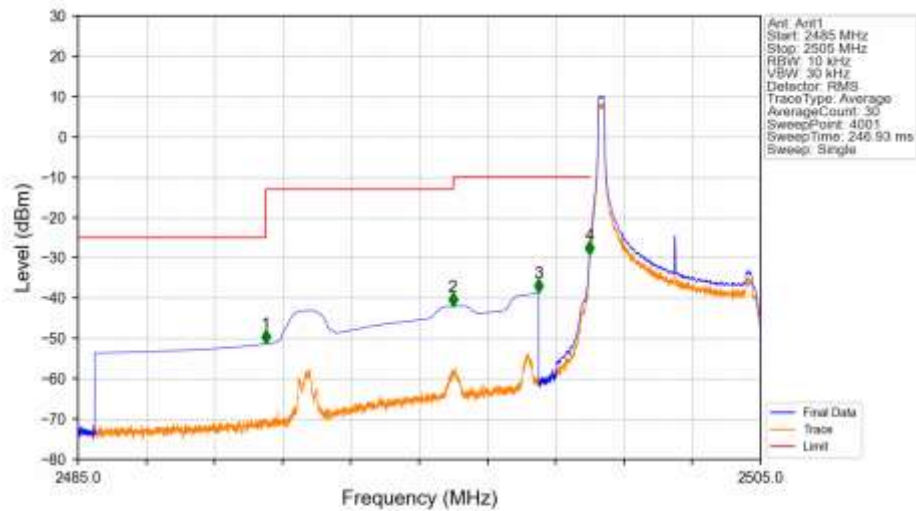
#### 6.1.4 B7\_20MHz

| Band: 7 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 2510            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2535            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2560            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
| 16QAM                             | 2510            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2535            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 2560            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                   |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

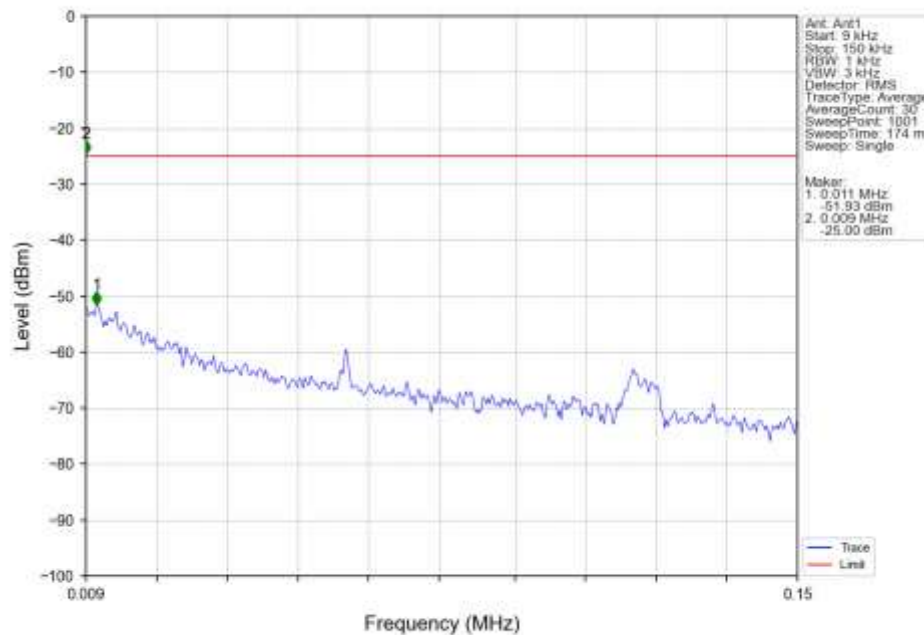
## 6.2 Test Graph

### 6.2.1 B7\_5MHz

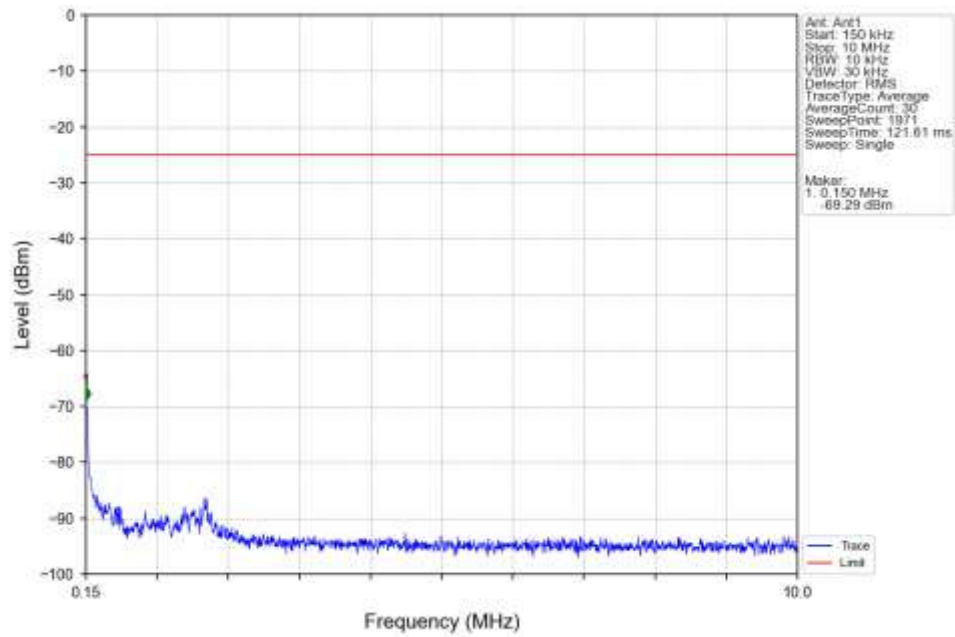
Band7\_5MHz\_QPSK\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



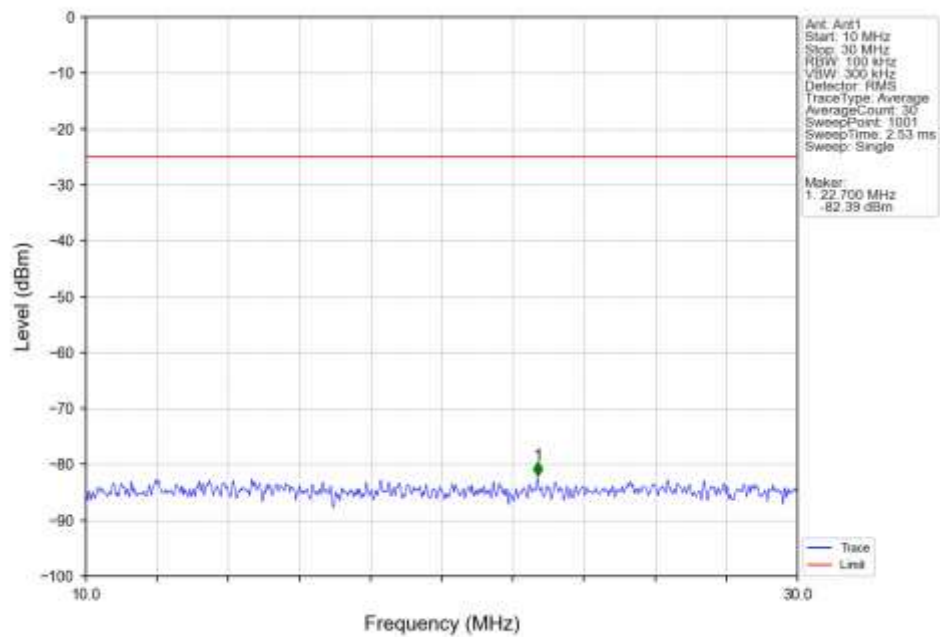
Band7\_5MHz\_QPSK\_LCH\_2502.5MHz\_RB\_1\_0\_NTNV



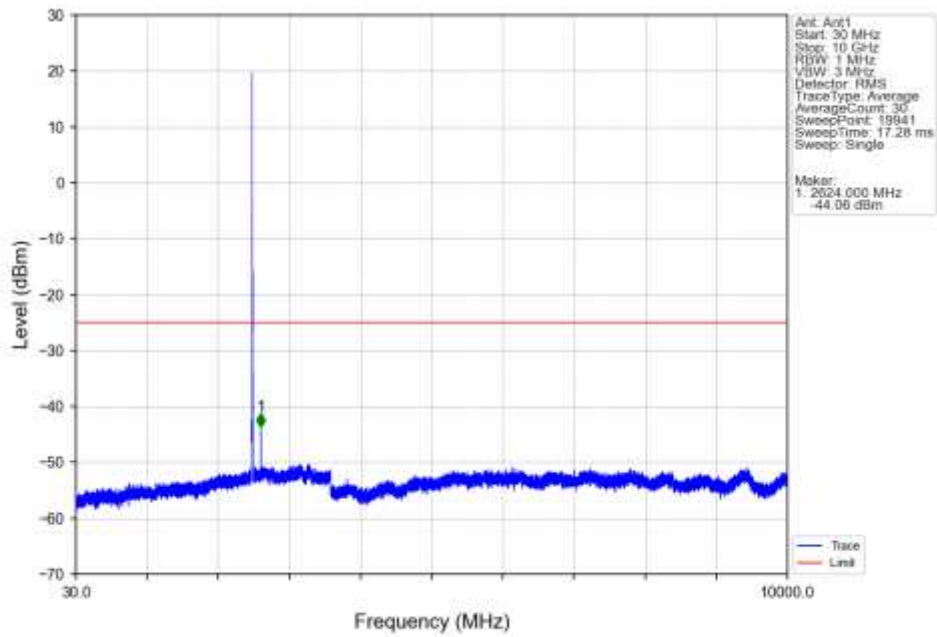
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



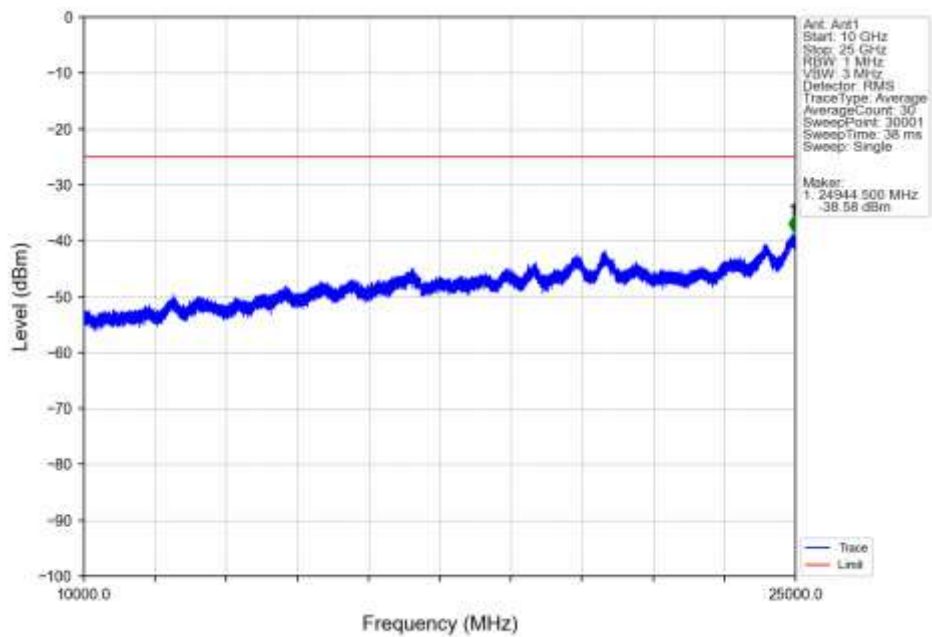
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



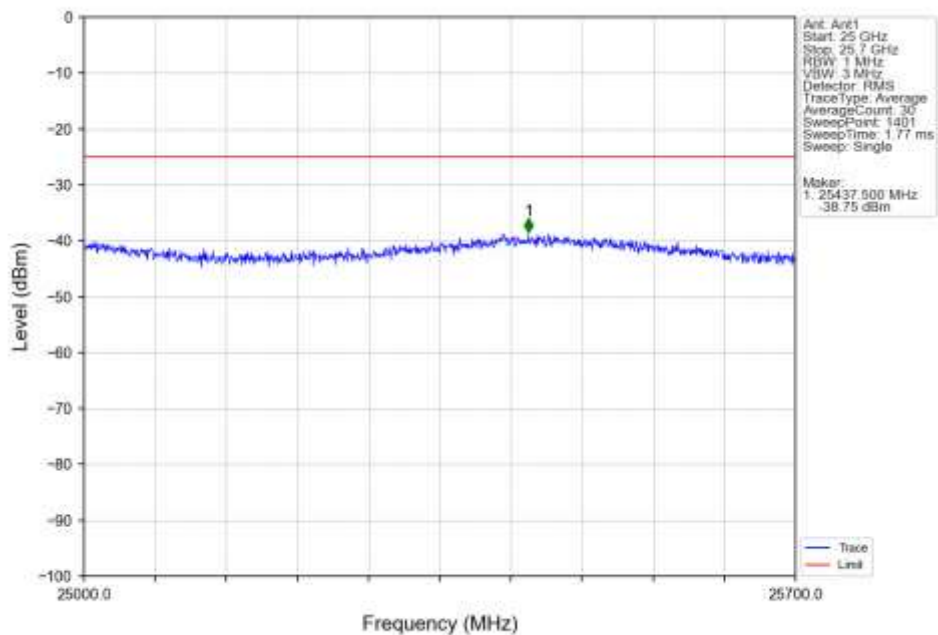
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



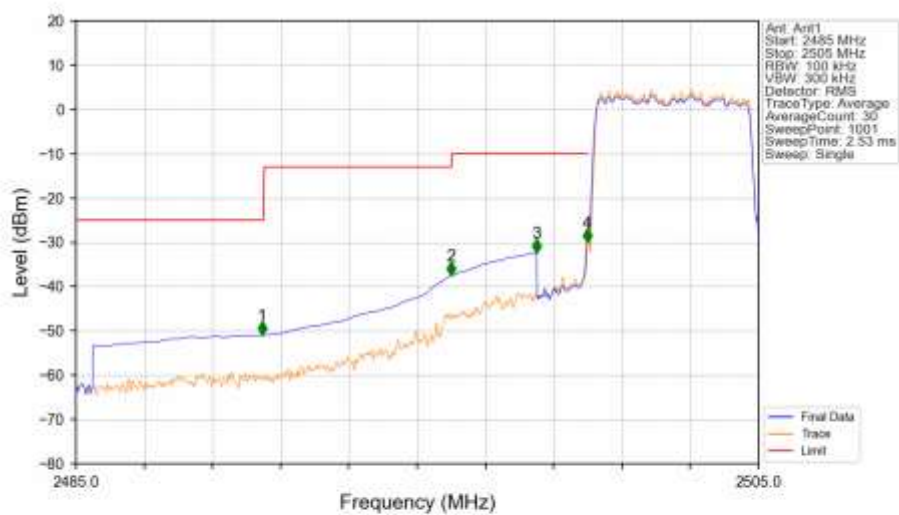
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTNV

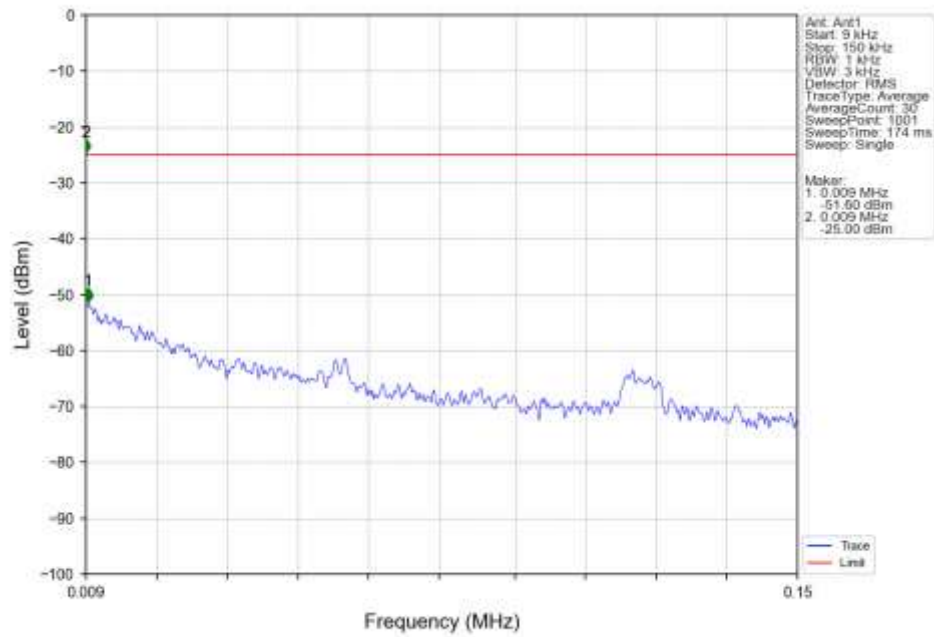


Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV

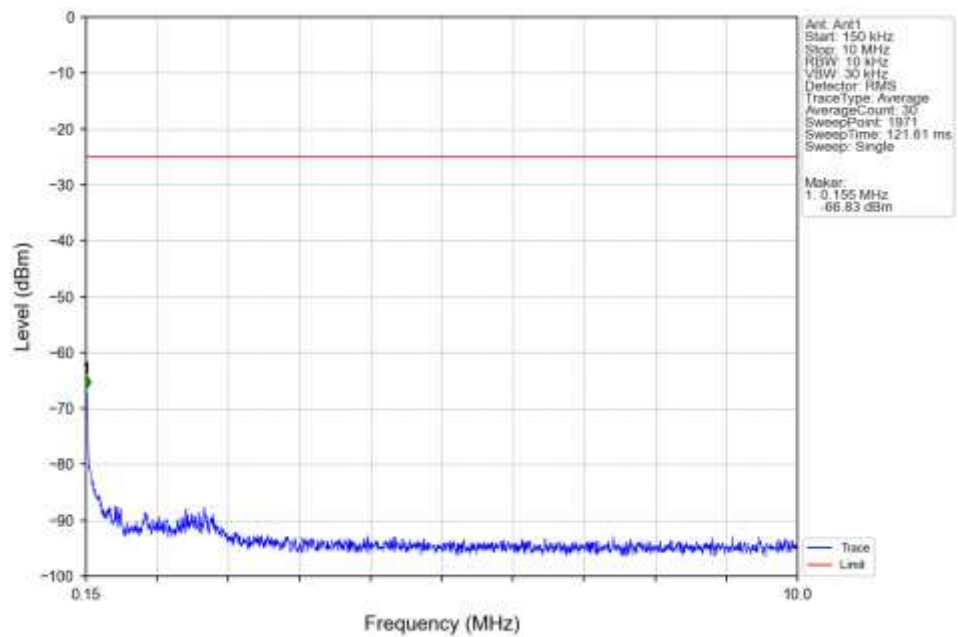


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.460   | -50.94      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2496.000   | -37.58      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2496.500   | -32.40      | -10         | Pass   |
| 2499        | 2500       | 0.101     | CHP    | 4          | 2499.980   | -29.97      | -10         | Pass   |
| 2500        | 2505       | 0.101     | CHP    | /          | /          | /           | /           | /      |

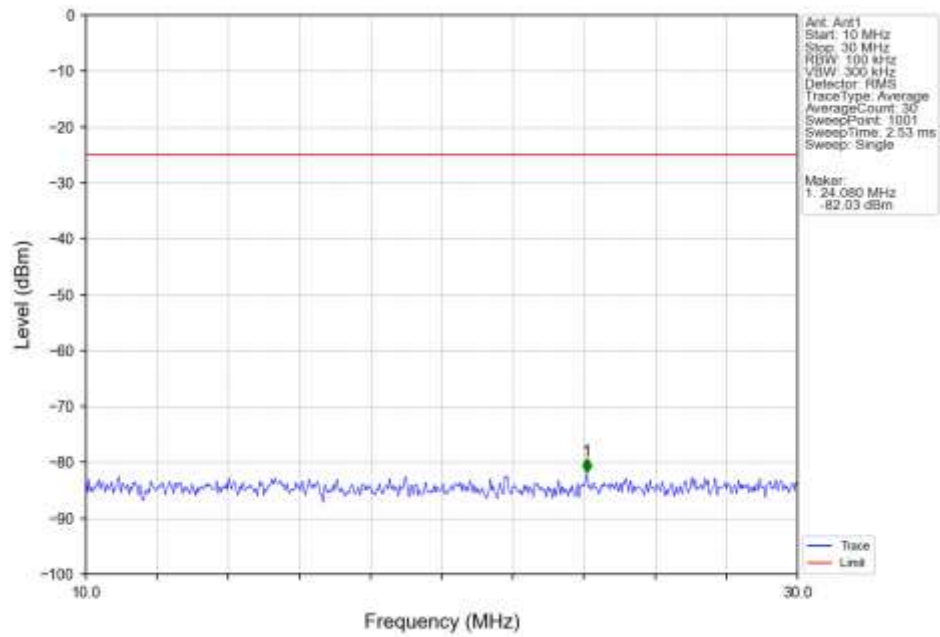
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



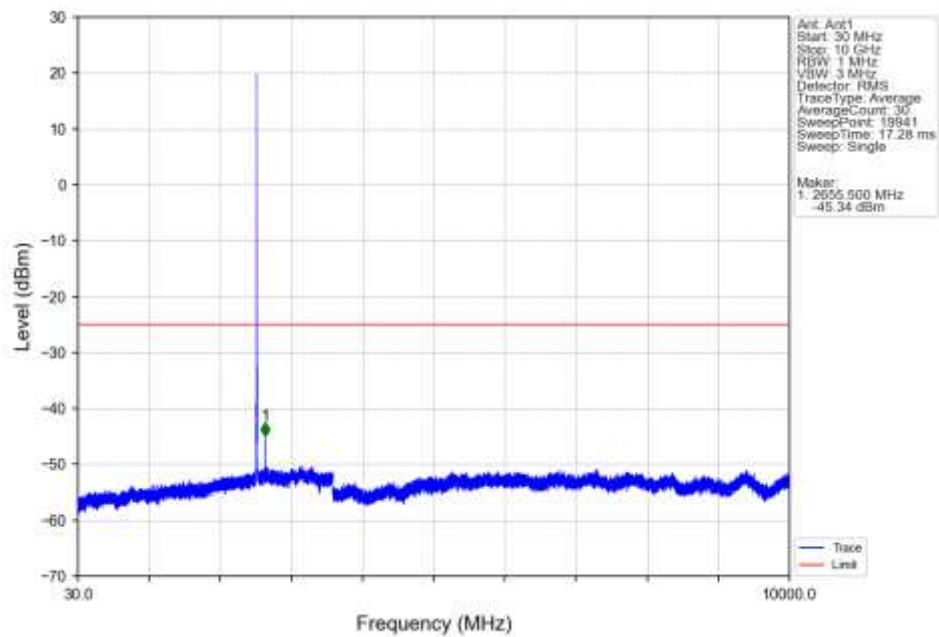
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



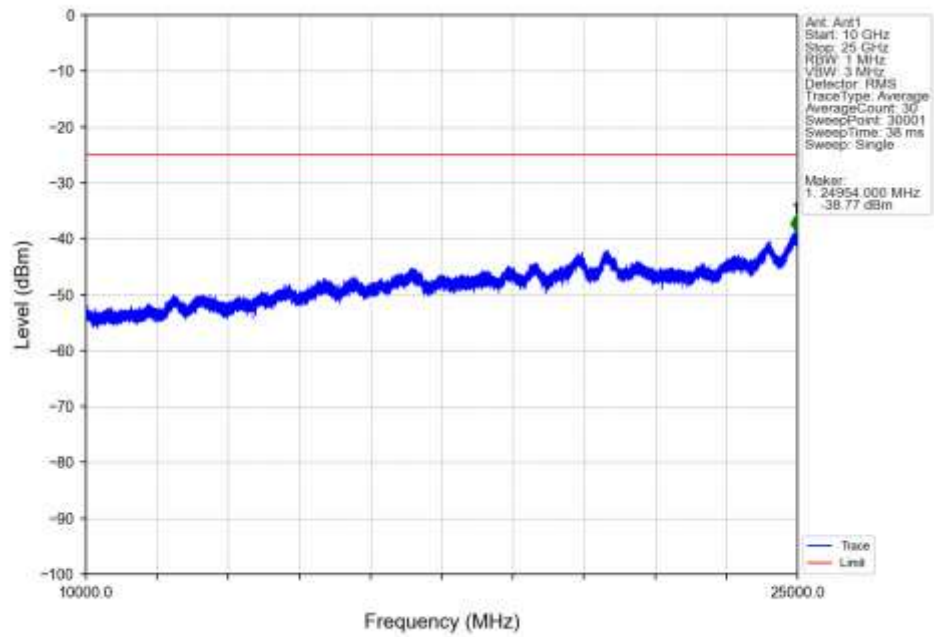
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



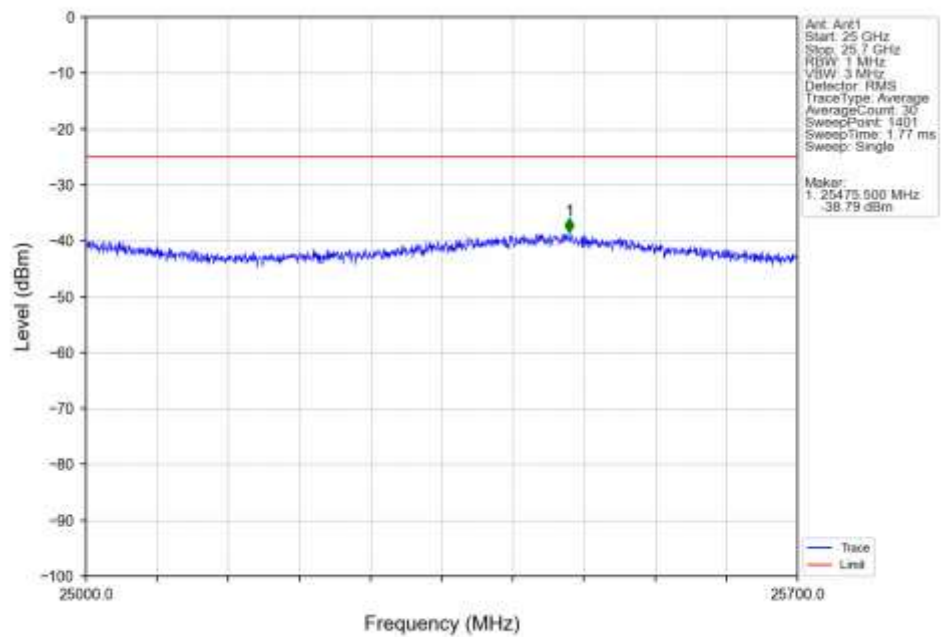
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



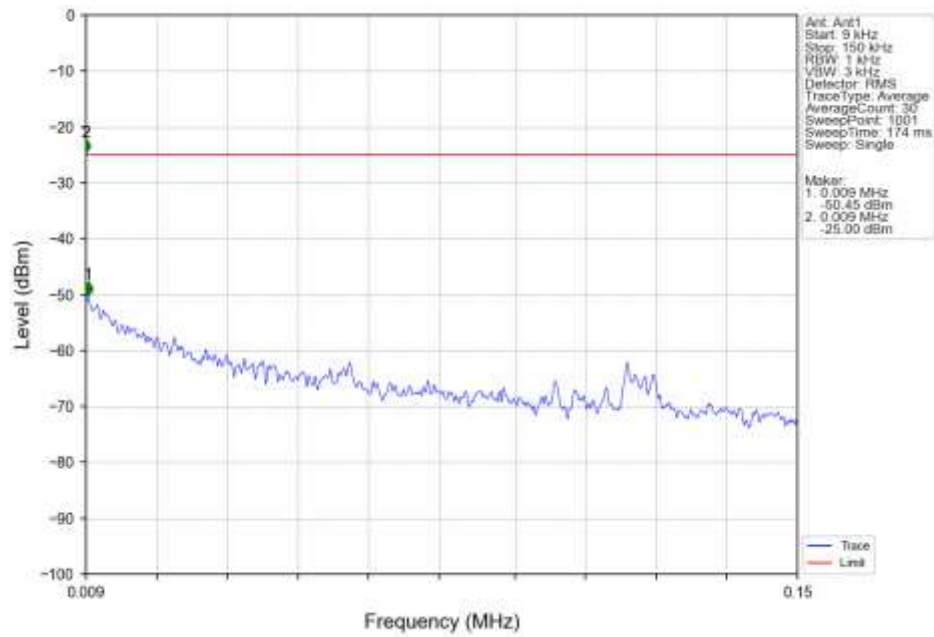
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



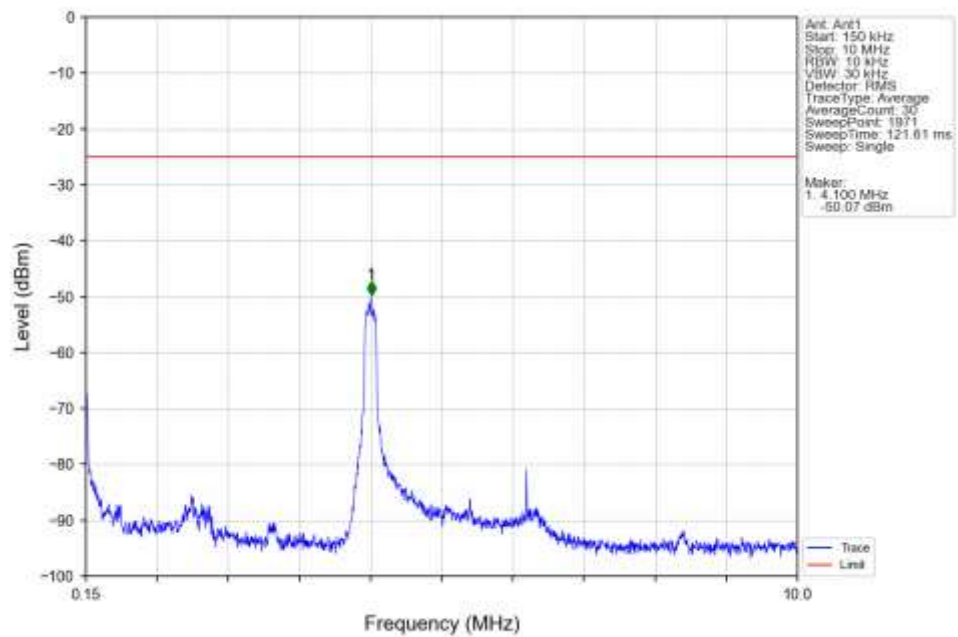
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



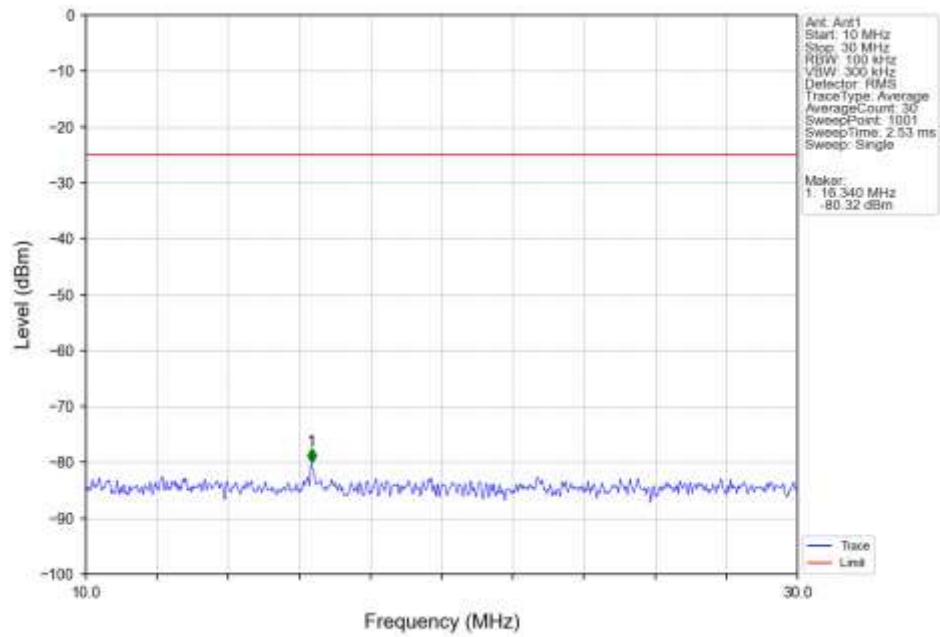
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV



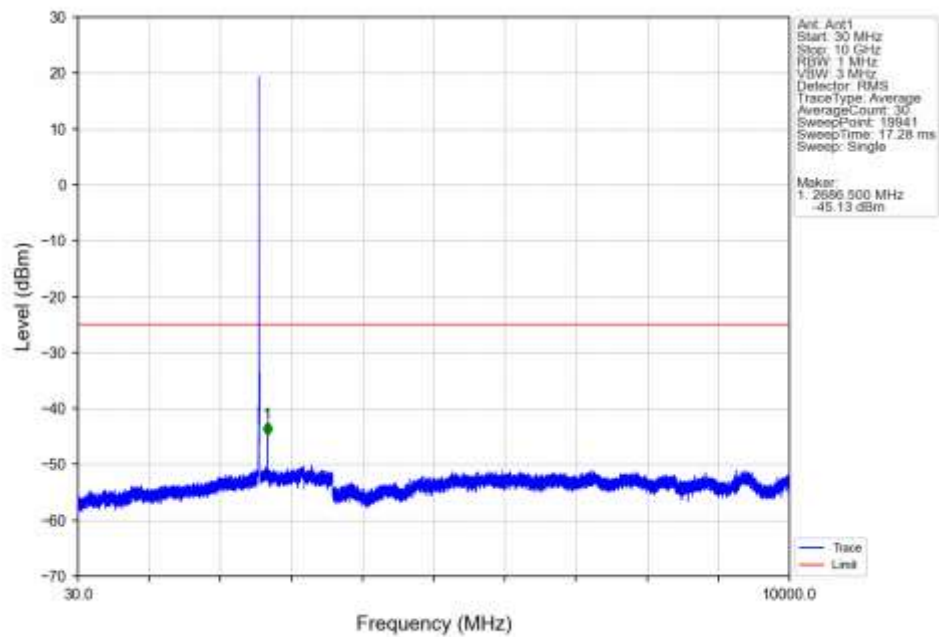
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV



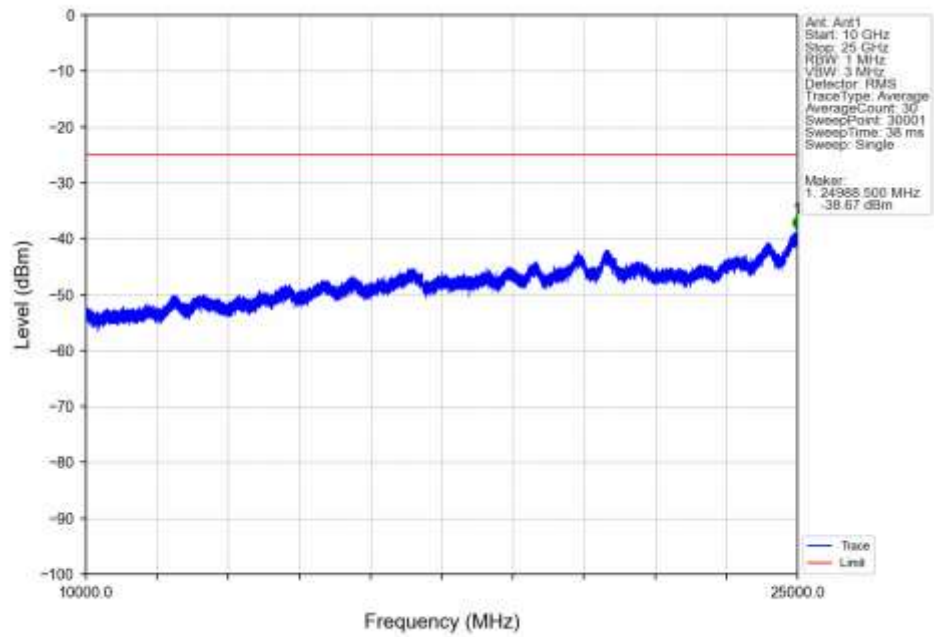
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV



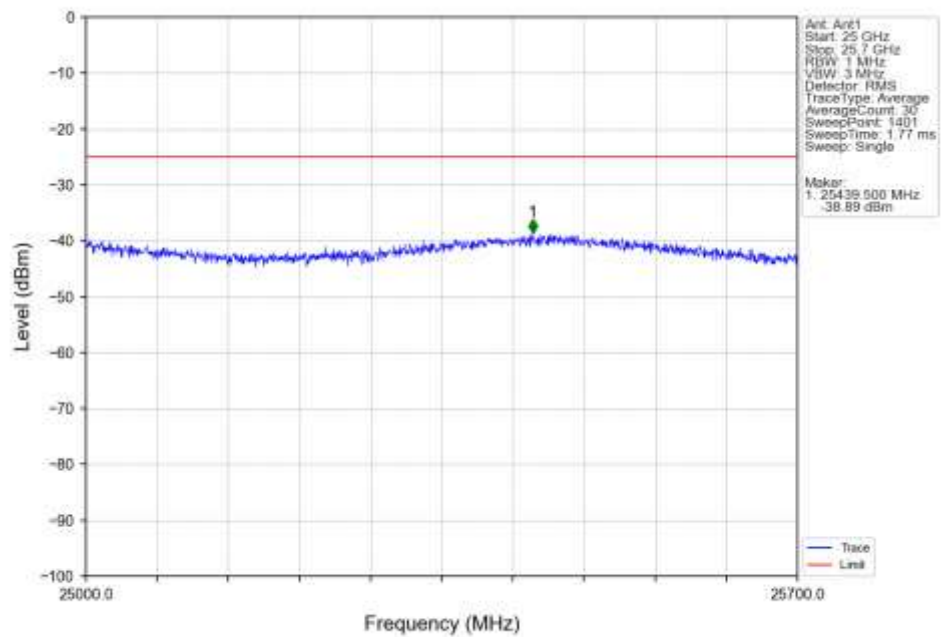
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV



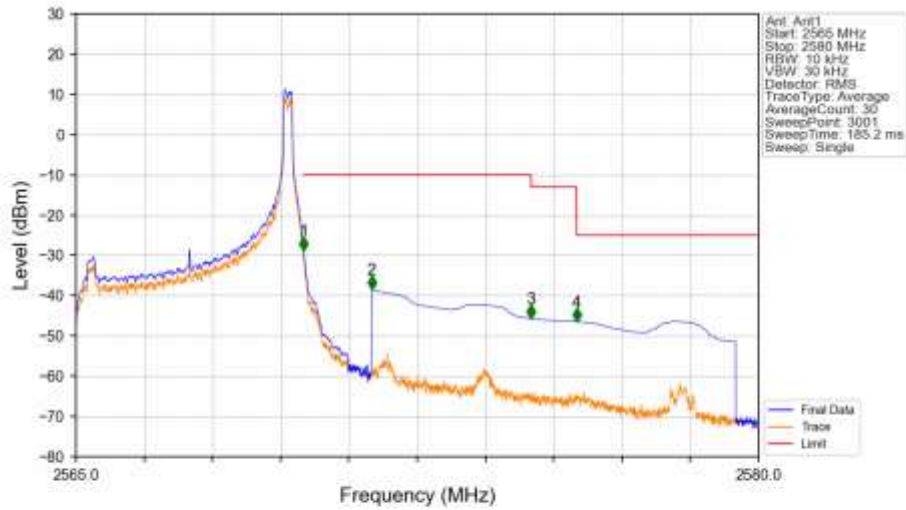
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

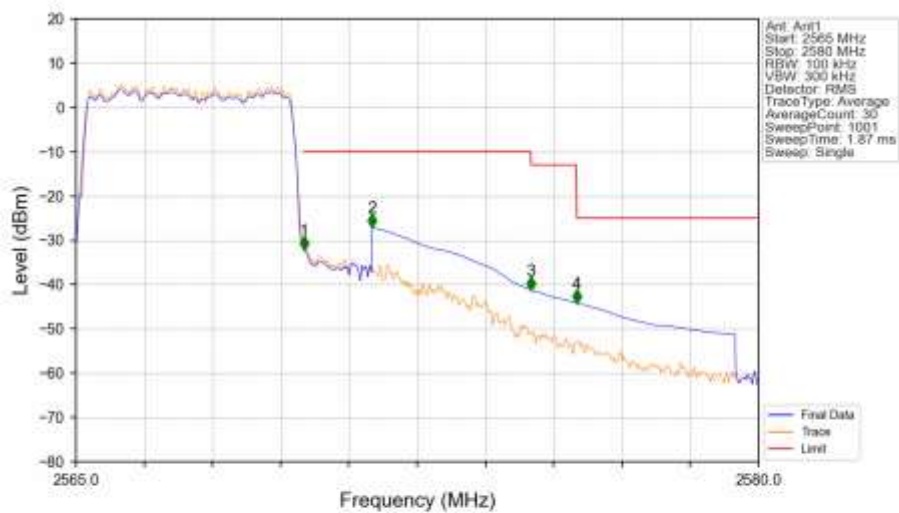


## Band7 5MHz QPSK HCH 2567.5MHz RB 1 24 NTNV



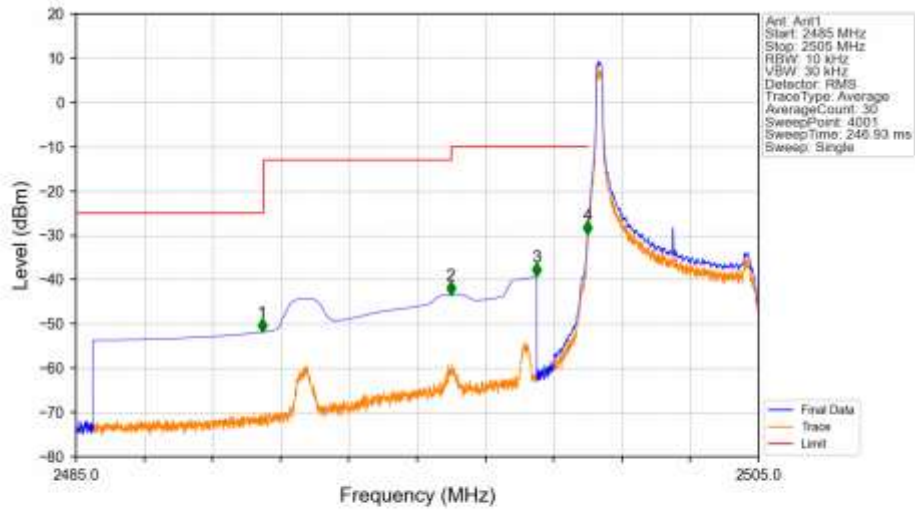
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2565        | 2570       | 0.02      | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.02      | CHP    | 1          | 2570.005   | -28.93      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.500   | -38.56      | -10         | Pass   |
| 2575        | 2576       | 1         | CHP    | 3          | 2575.005   | -45.71      | -13         | Pass   |
| 2576        | 2580       | 1         | CHP    | 4          | 2576.005   | -46.43      | -25         | Pass   |

## Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV

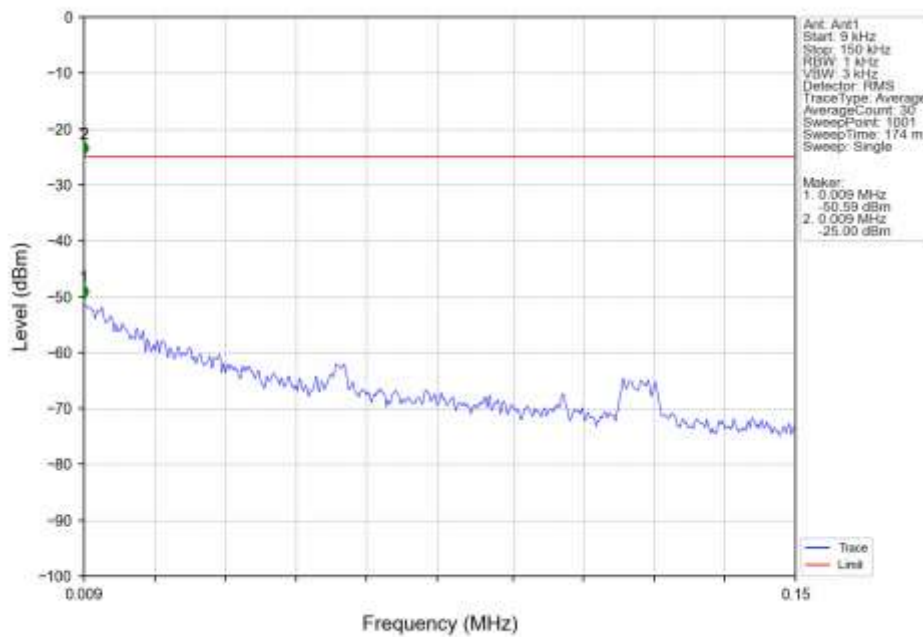


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2565        | 2570       | 0.101     | CHP    | /          | /          | /           | /           | /      |
| 2570        | 2571       | 0.101     | CHP    | 1          | 2570.010   | -32.15      | -10         | Pass   |
| 2571        | 2575       | 1         | CHP    | 2          | 2571.510   | -27.13      | -10         | Pass   |
| 2575        | 2576       | 1         | CHP    | 3          | 2575.005   | -41.28      | -13         | Pass   |
| 2576        | 2580       | 1         | CHP    | 4          | 2576.010   | -44.21      | -25         | Pass   |

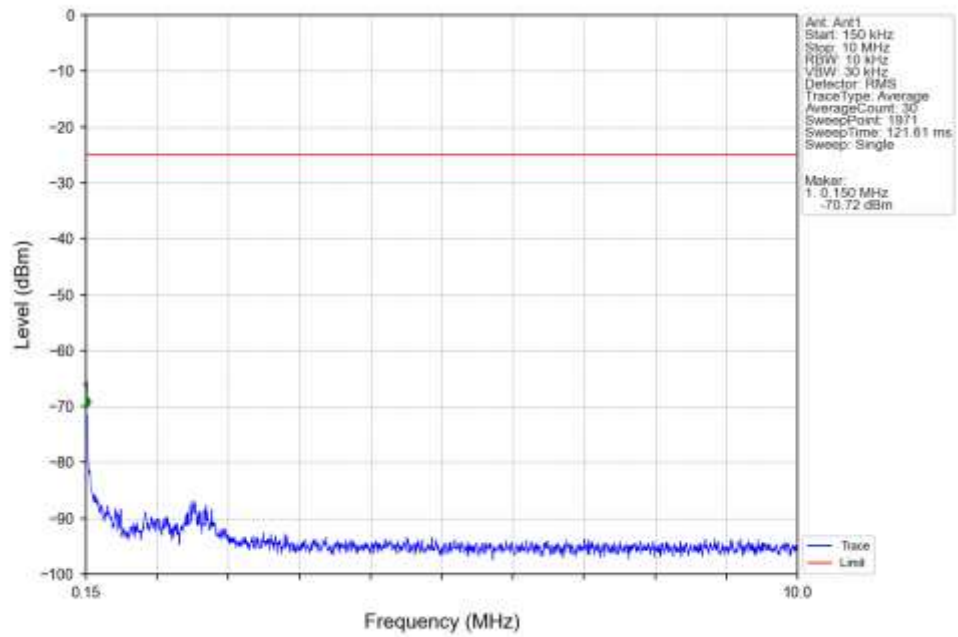
Band7 5MHz 16QAM LCH 2502.5MHz RB 1 0 NTV



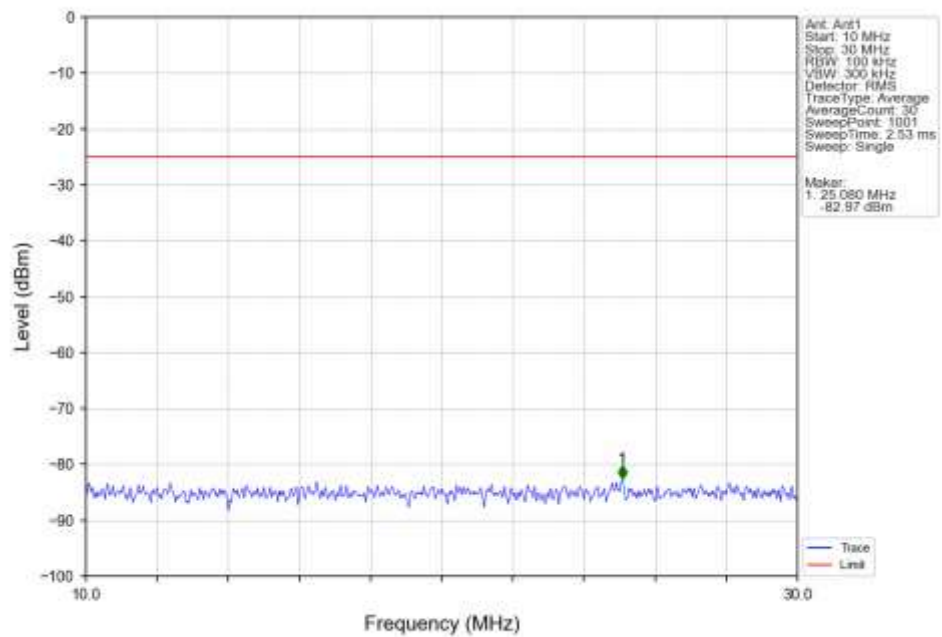
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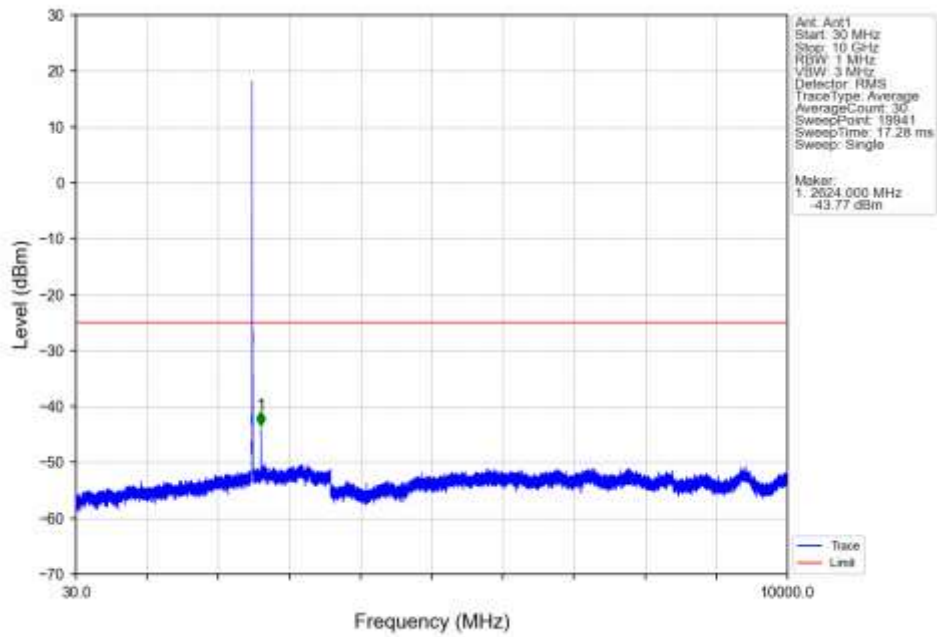
Band7 5MHz 16QAM LCH 2502.5MHz RB 1 0 NTNV



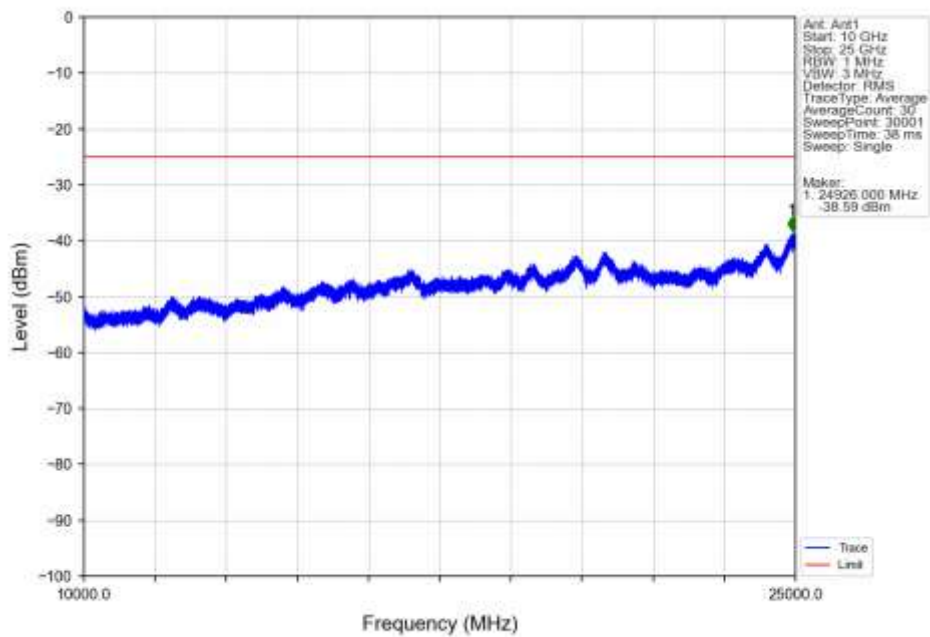
Band7 5MHz 16QAM LCH 2502.5MHz RB 1 0 NTNV



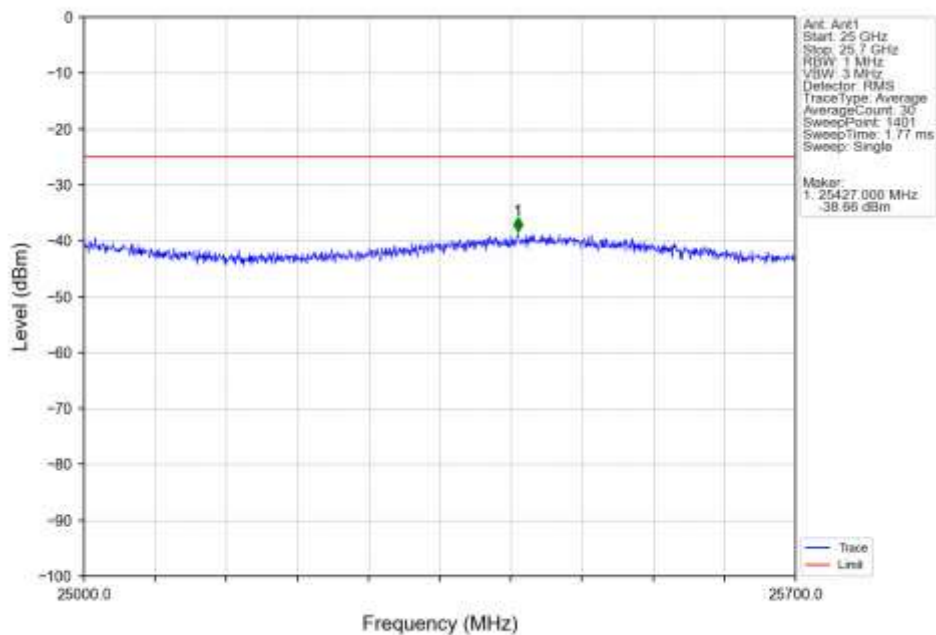
Band7 5MHz 16QAM LCH 2502.5MHz RB 1 0 NTNV



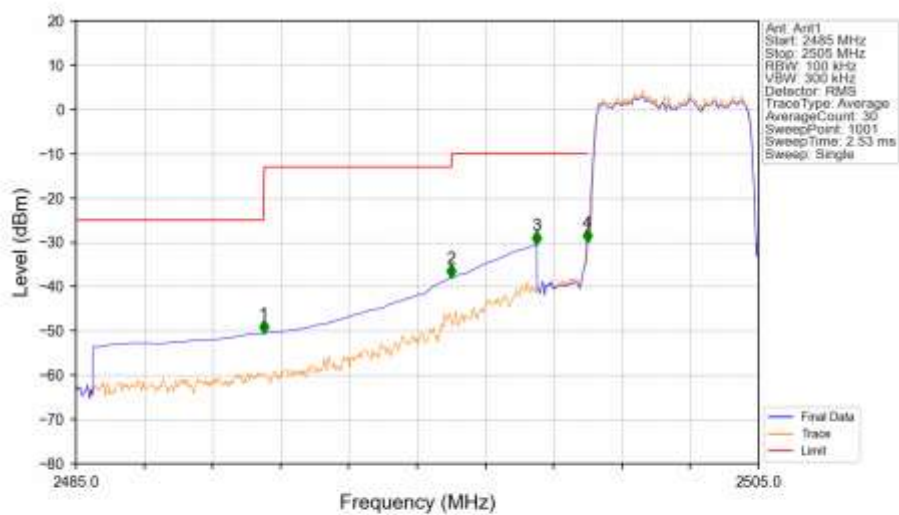
Band7 5MHz 16QAM LCH 2502.5MHz RB 1 0 NTNV



Band7 5MHz 16QAM LCH 2502.5MHz RB 1 0 NTNV

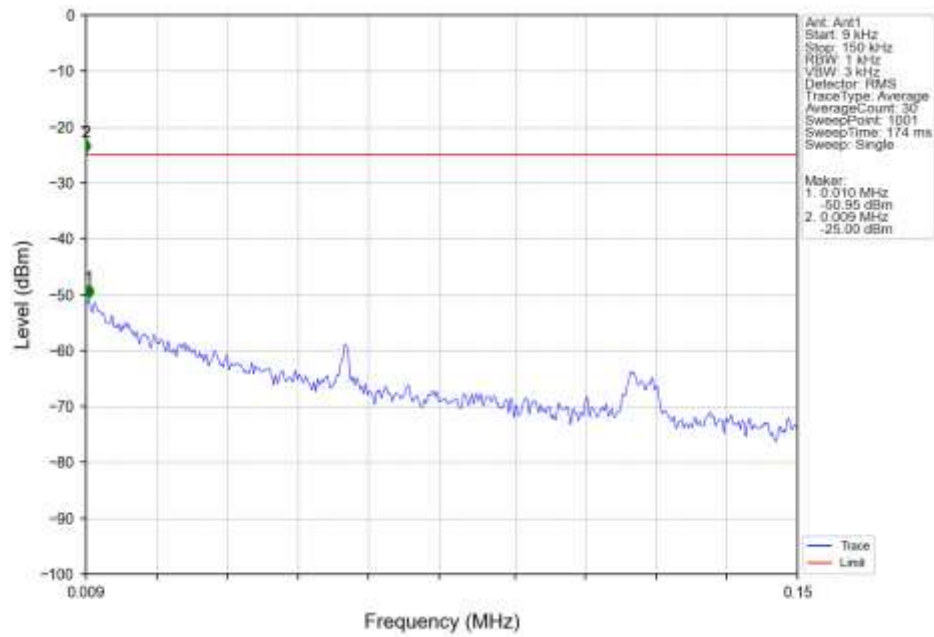


Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV

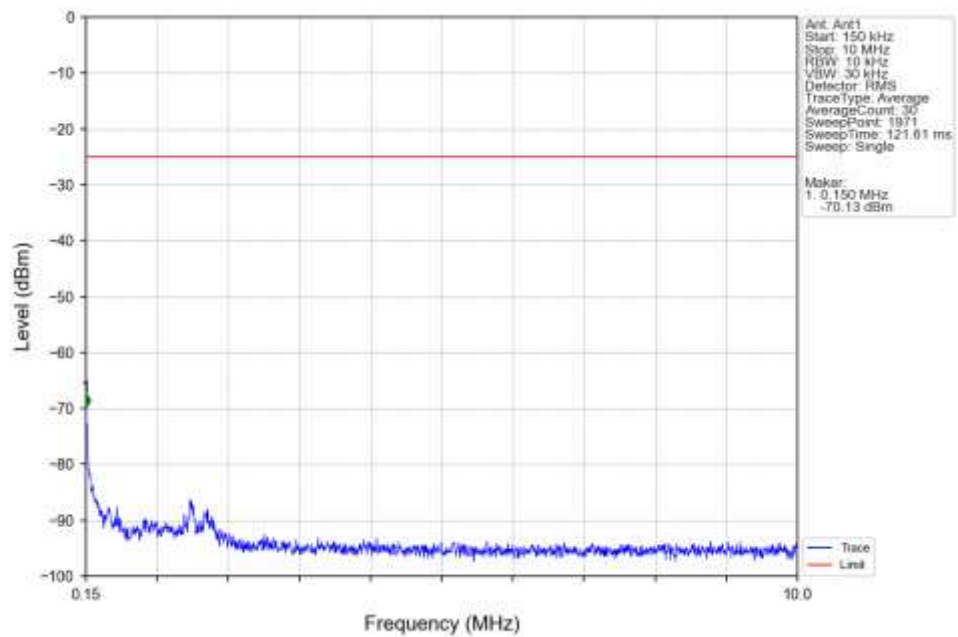


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.500   | -50.56      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2496.000   | -38.11      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -30.64      | -10         | Pass   |
| 2499        | 2500       | 0.102     | CHP    | 4          | 2499.980   | -30.10      | -10         | Pass   |
| 2500        | 2505       | 0.102     | CHP    | /          | /          | /           | /           | /      |

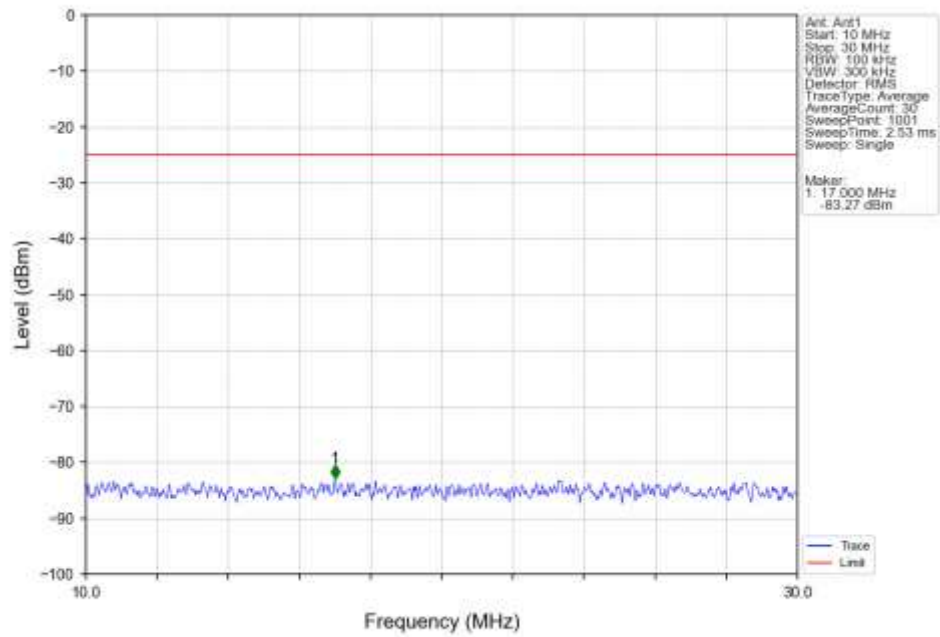
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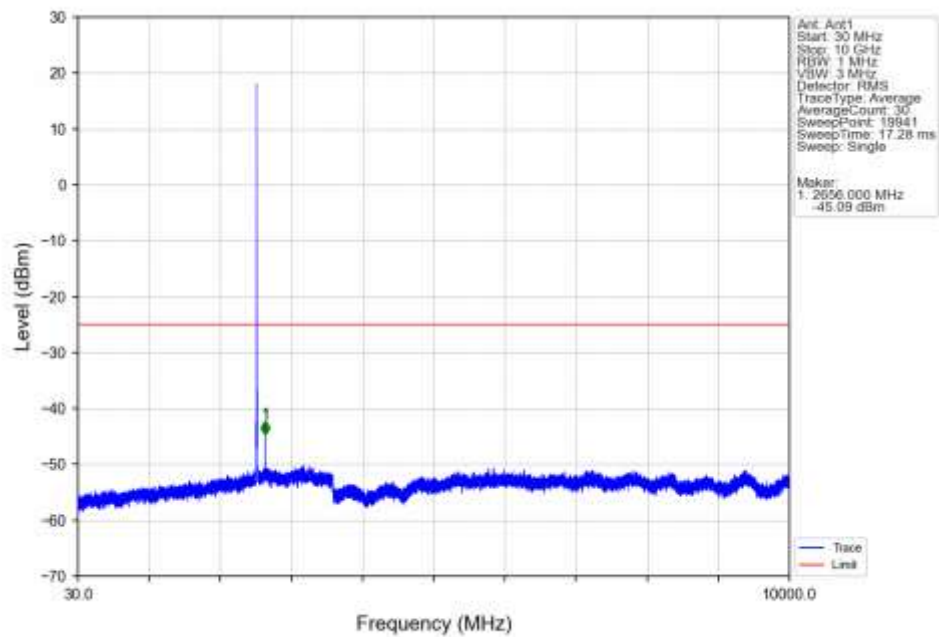
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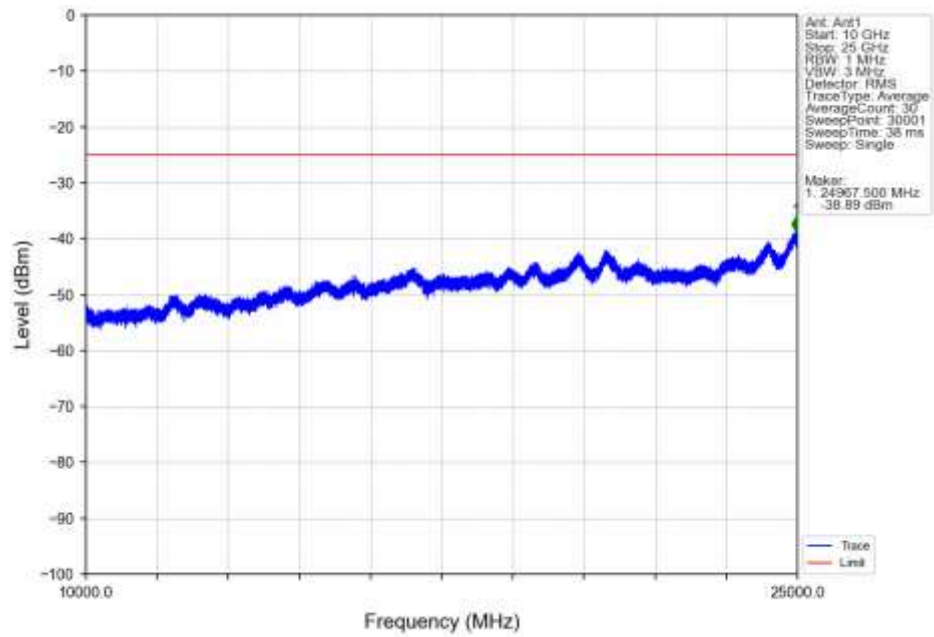
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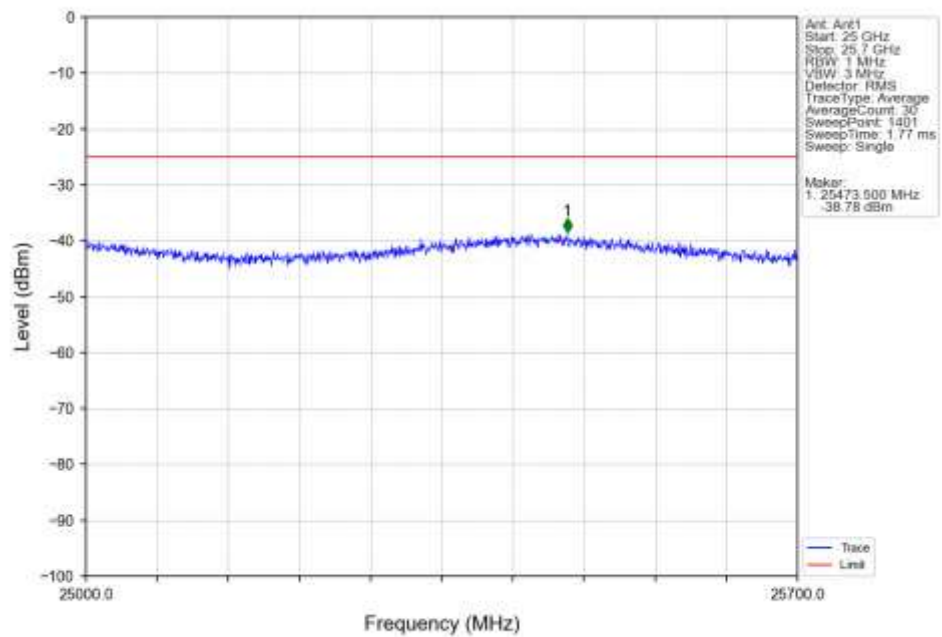
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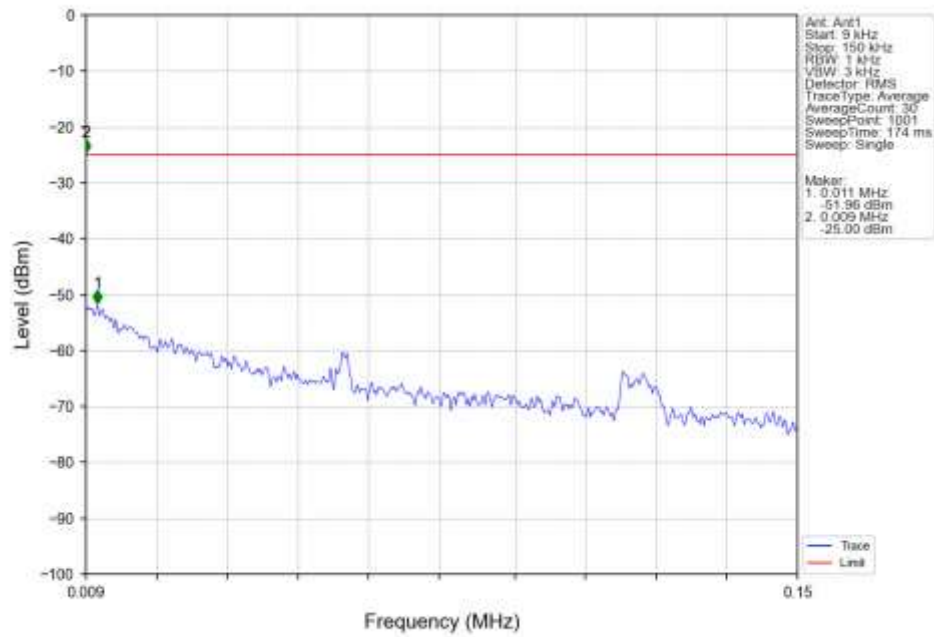
Band7 5MHz 16QAM MCH 2535MHz RB 1 0 NTNV



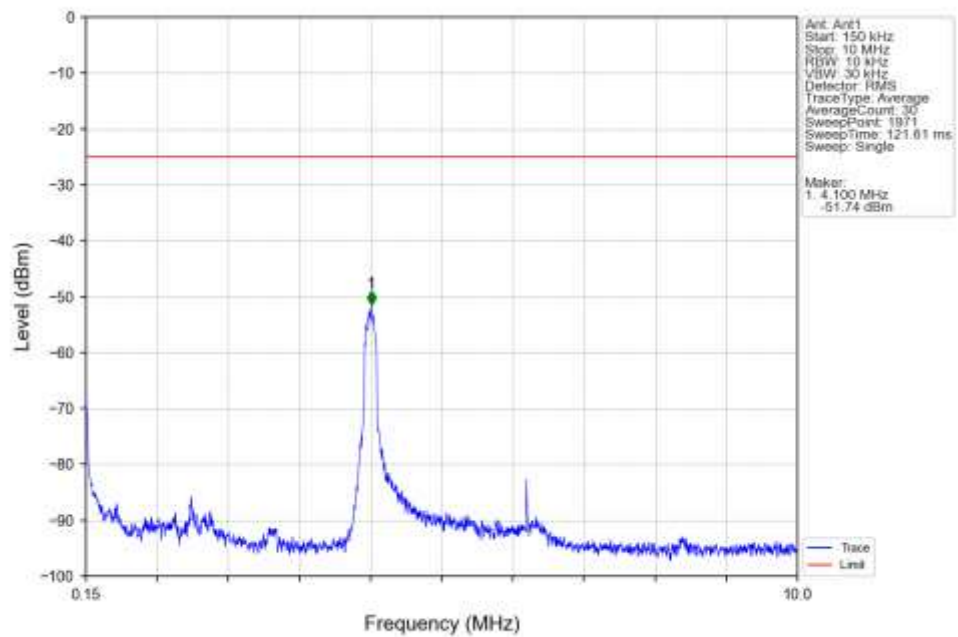
Band7 5MHz 16QAM MCH 2535MHz RB 1 0 NTNV



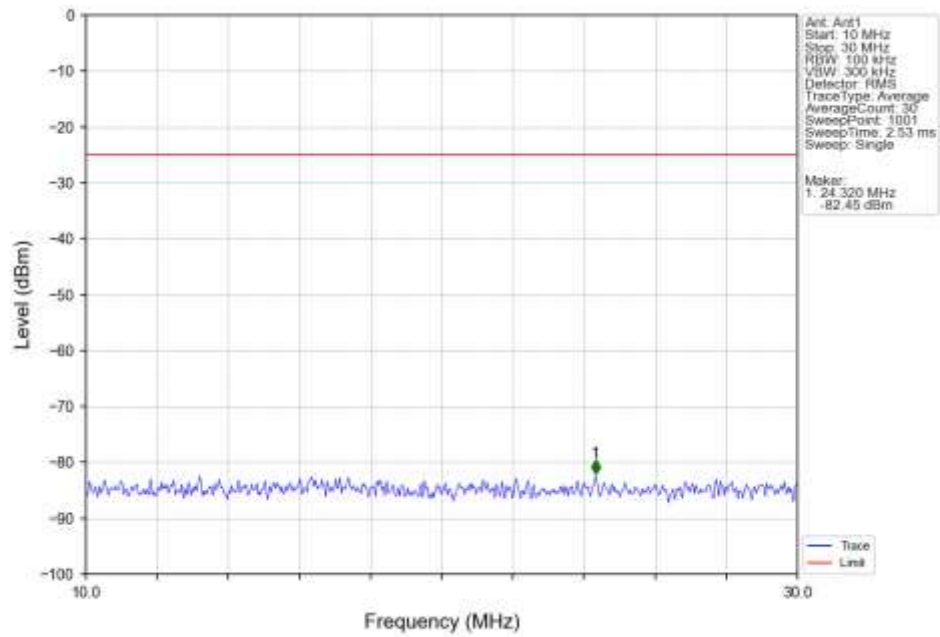
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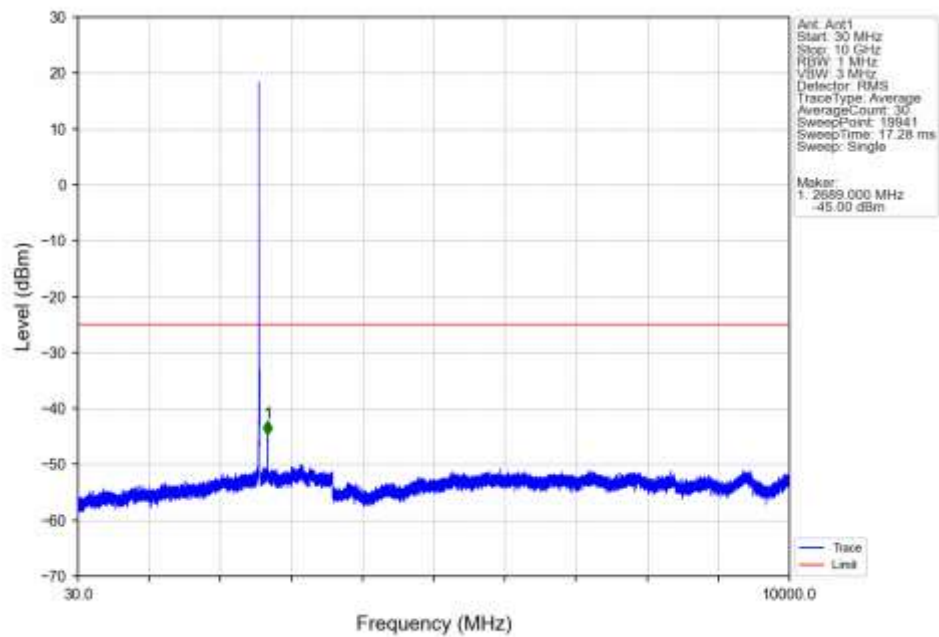
Band7 5MHz 16QAM HCH 2567.5MHz RB 1 0 NTV



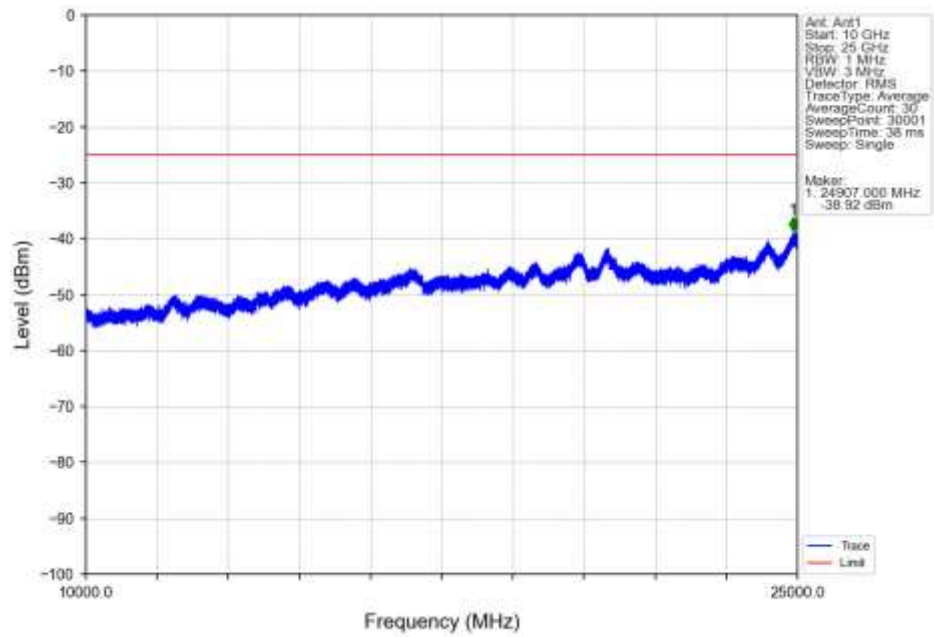
Band7 5MHz 16QAM HCH 2567.5MHz RB 1 0 NTNV



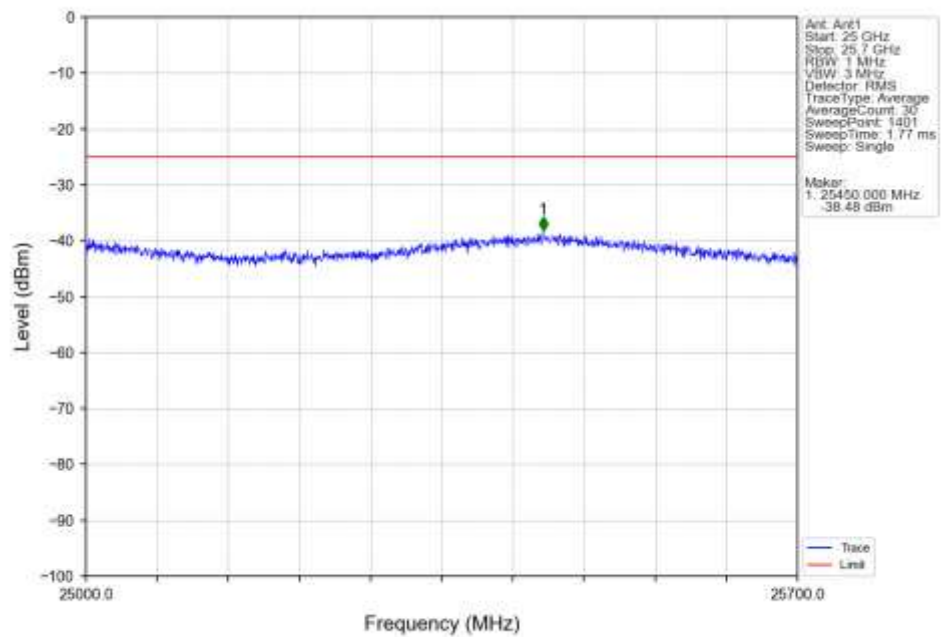
Band7 5MHz 16QAM HCH 2567.5MHz RB 1 0 NTNV



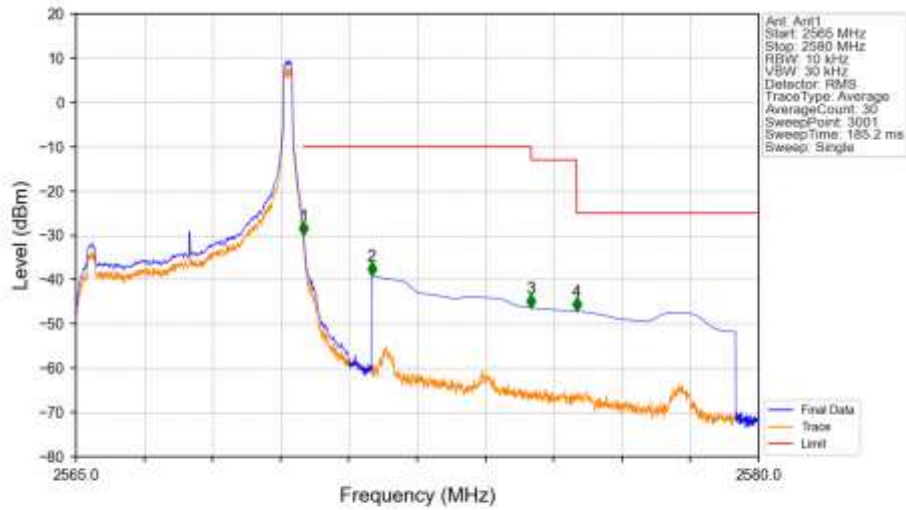
Band7 5MHz 16QAM HCH 2567.5MHz RB 1 0 NTNV



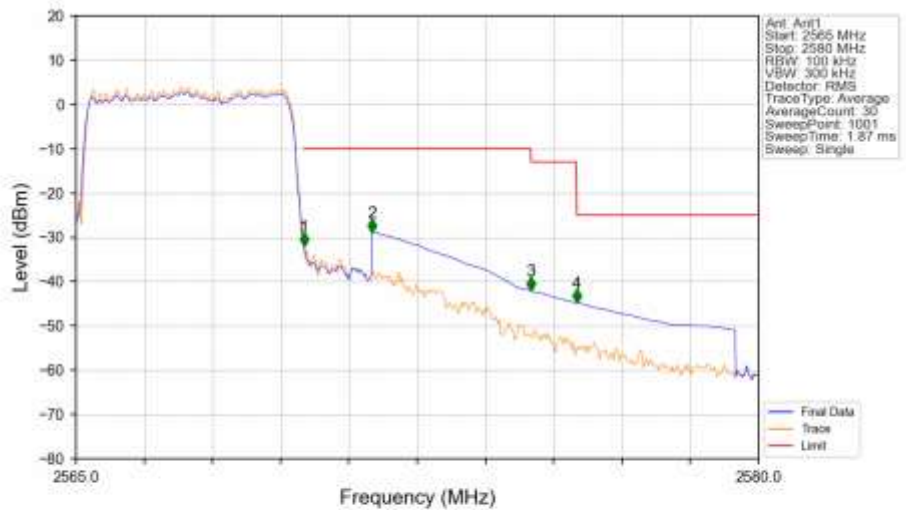
Band7 5MHz 16QAM HCH 2567.5MHz RB 1 0 NTNV



Band7 5MHz 16QAM HCH 2567.5MHz RB 1 24 NTNV

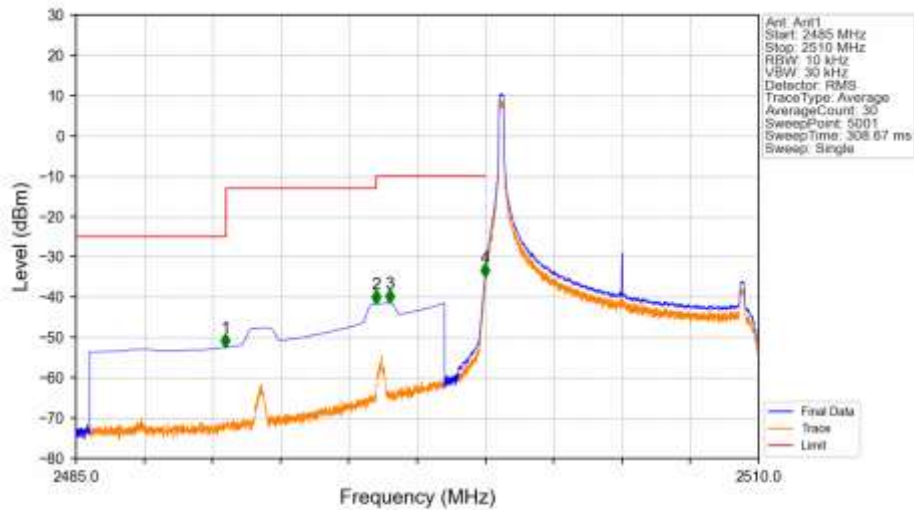


Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV



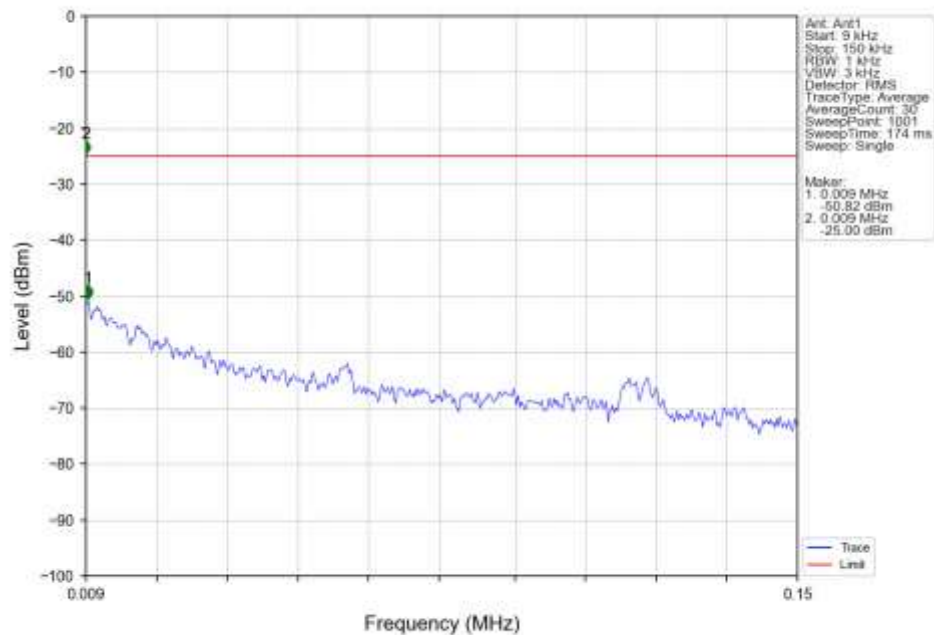
## 6.2.2 B7\_10MHz

Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_1\_0\_NTNV

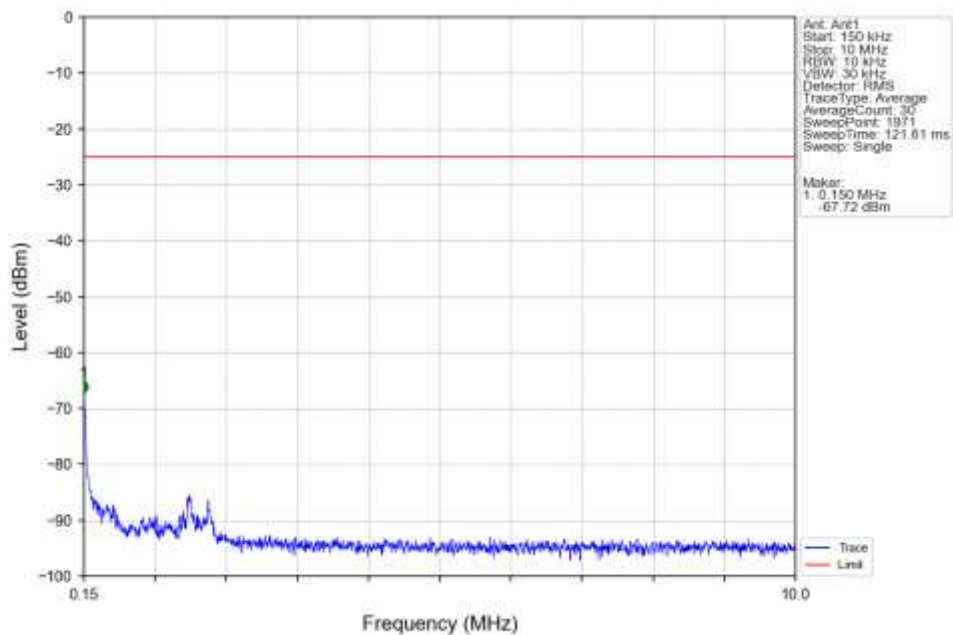


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.475   | -52.42      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.990   | -41.72      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2496.490   | -41.40      | -10         | Pass   |
| 2499        | 2500       | 0.02      | CHP    | 4          | 2499.995   | -35.00      | -10         | Pass   |
| 2500        | 2510       | 0.02      | CHP    | /          | /          | /           | /           | /      |

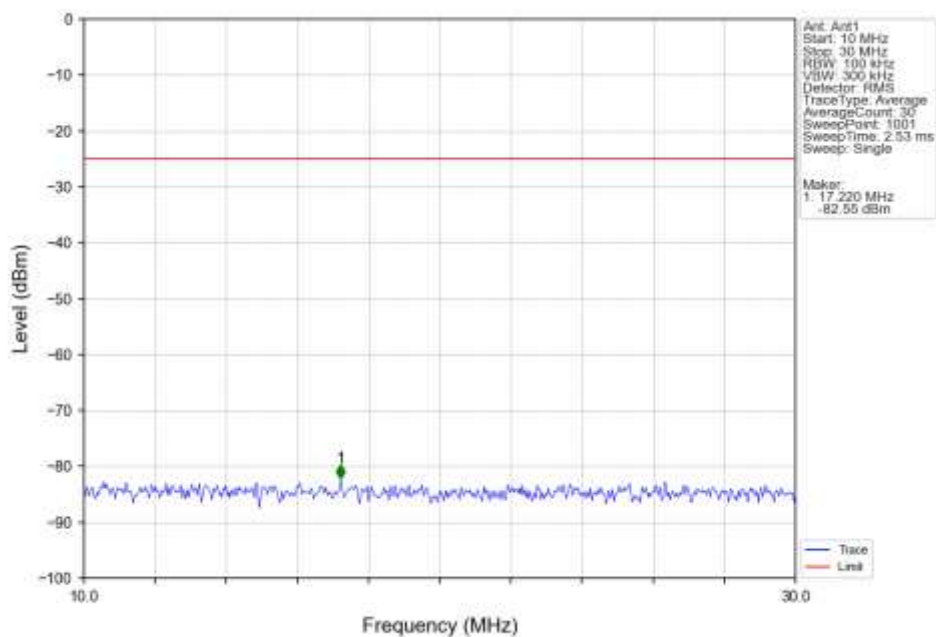
Band7\_10MHz\_QPSK\_LCH\_2505MHz\_RB\_1\_0\_NTNV



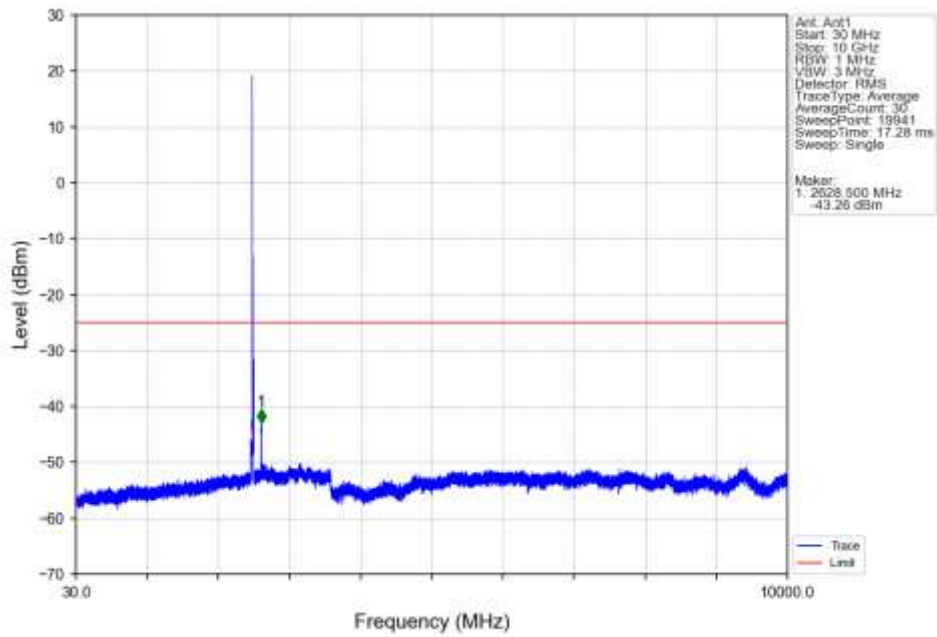
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTV



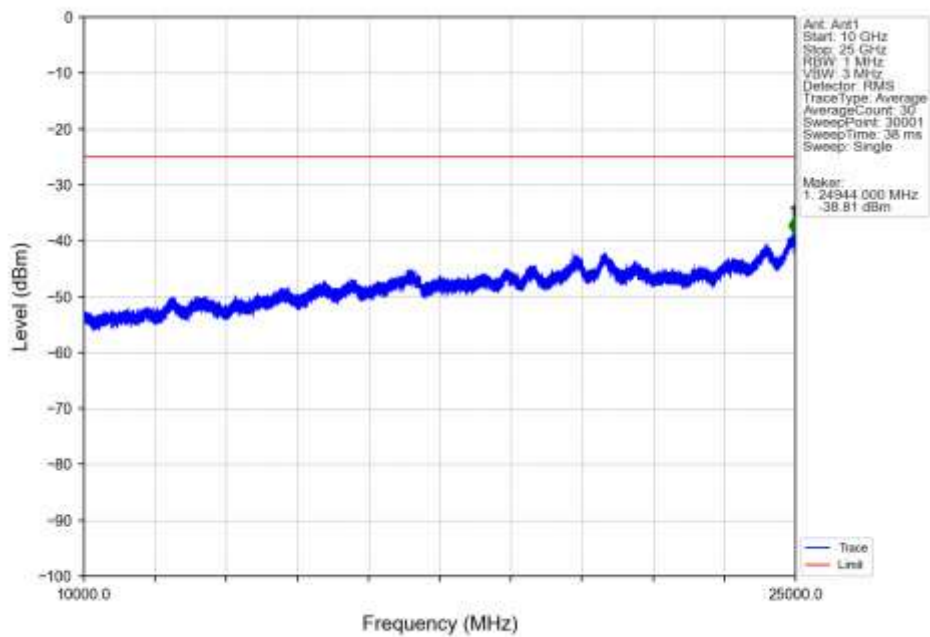
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTV



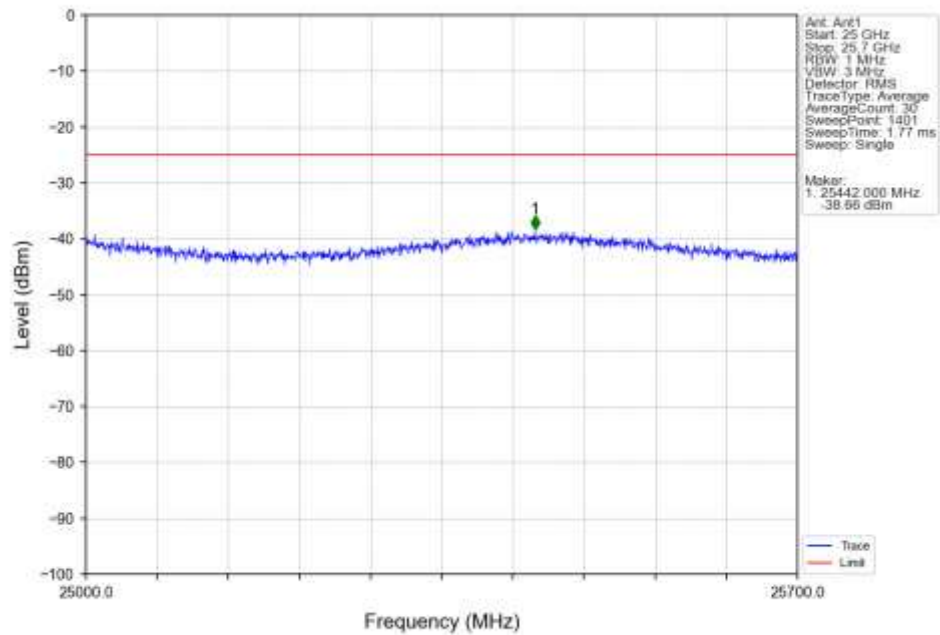
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTV



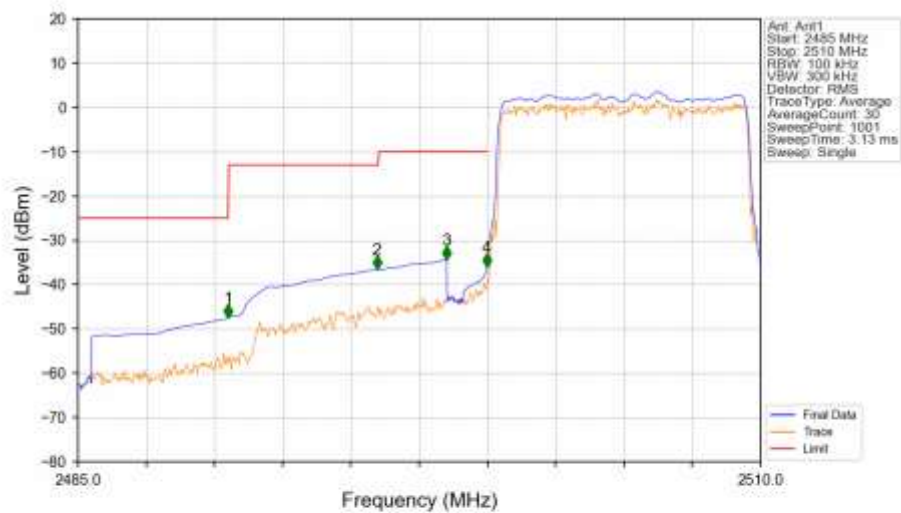
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTV



Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTN

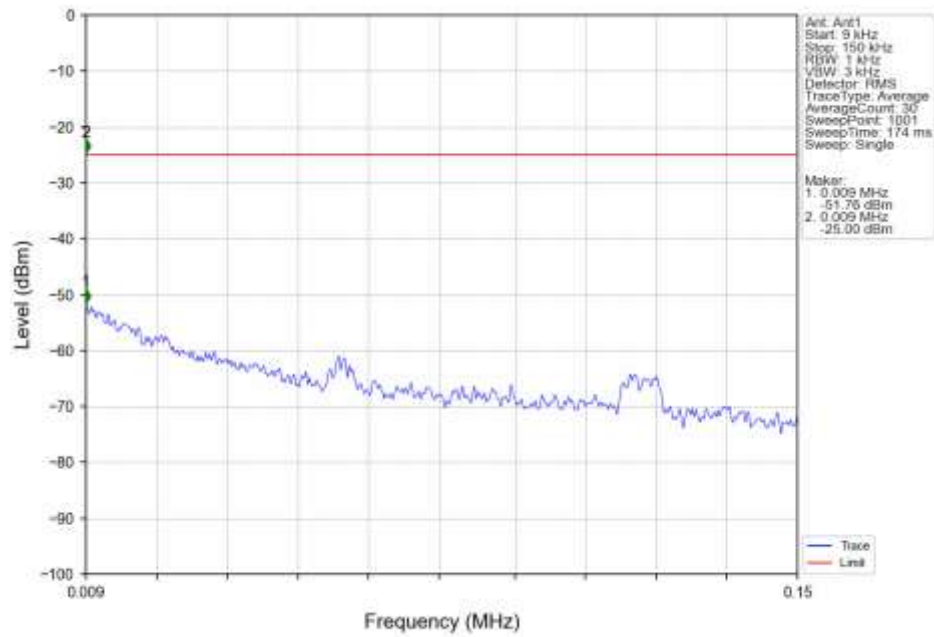


Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN

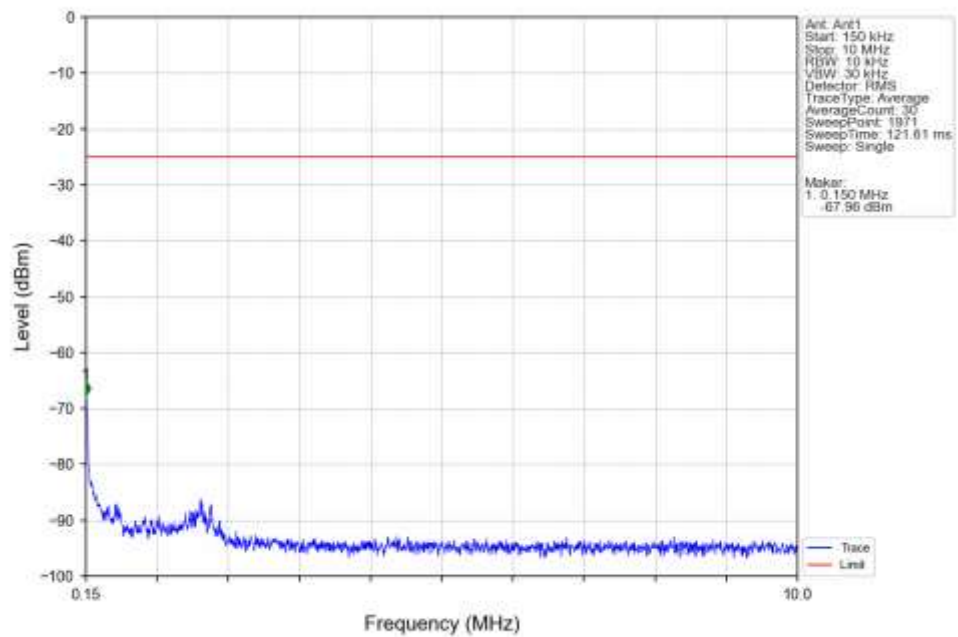


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.500   | -47.45      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.950   | -36.61      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -34.35      | -10         | Pass   |
| 2499        | 2500       | 0.202     | CHP    | 4          | 2499.975   | -36.05      | -10         | Pass   |
| 2500        | 2510       | 0.202     | CHP    | /          | /          | /           | /           | /      |

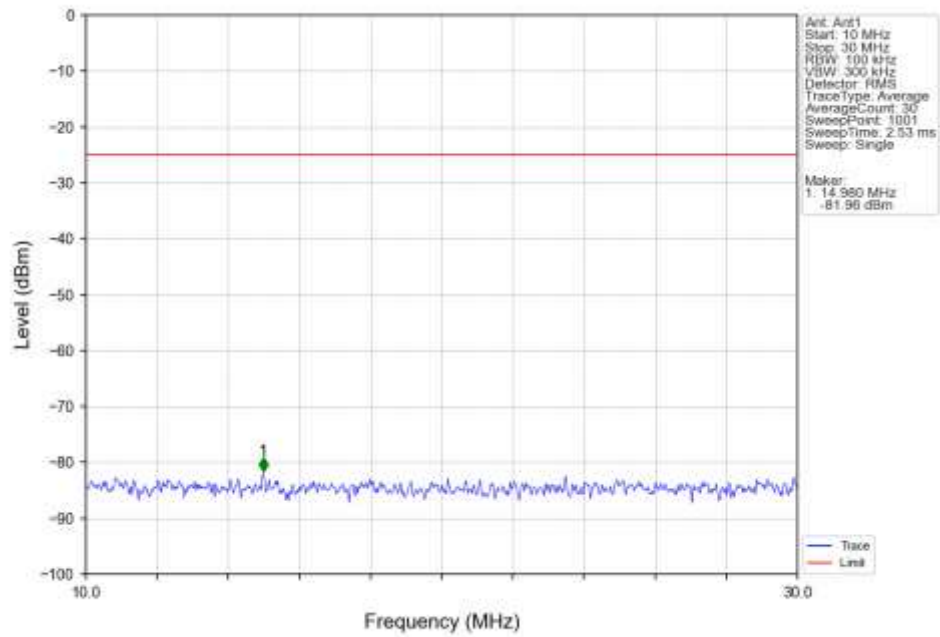
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



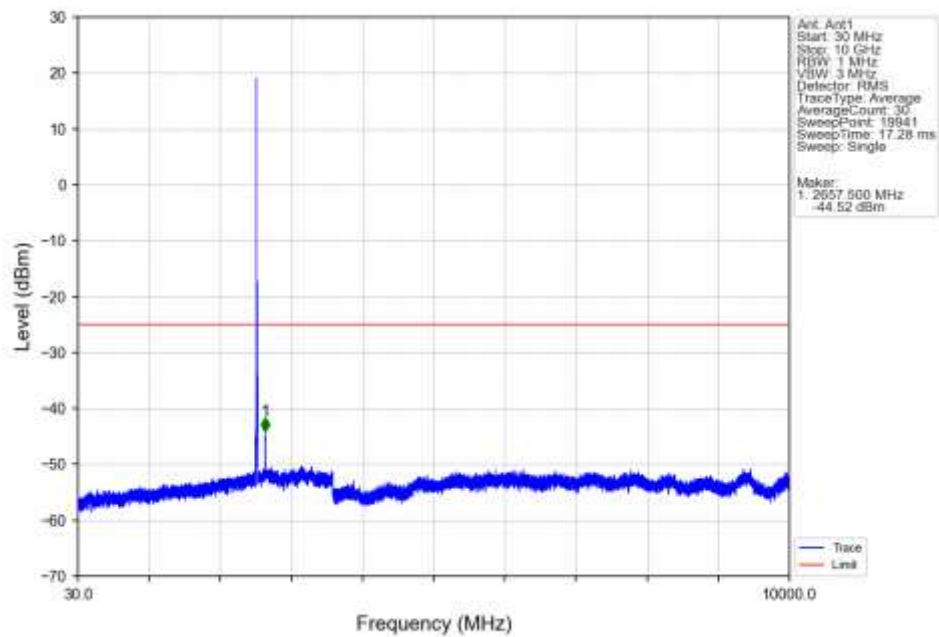
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



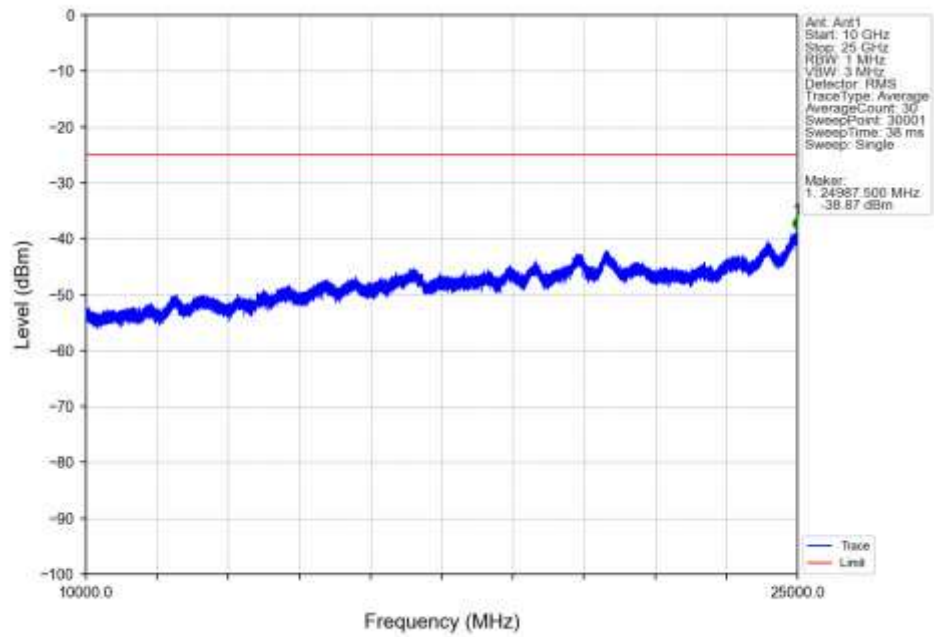
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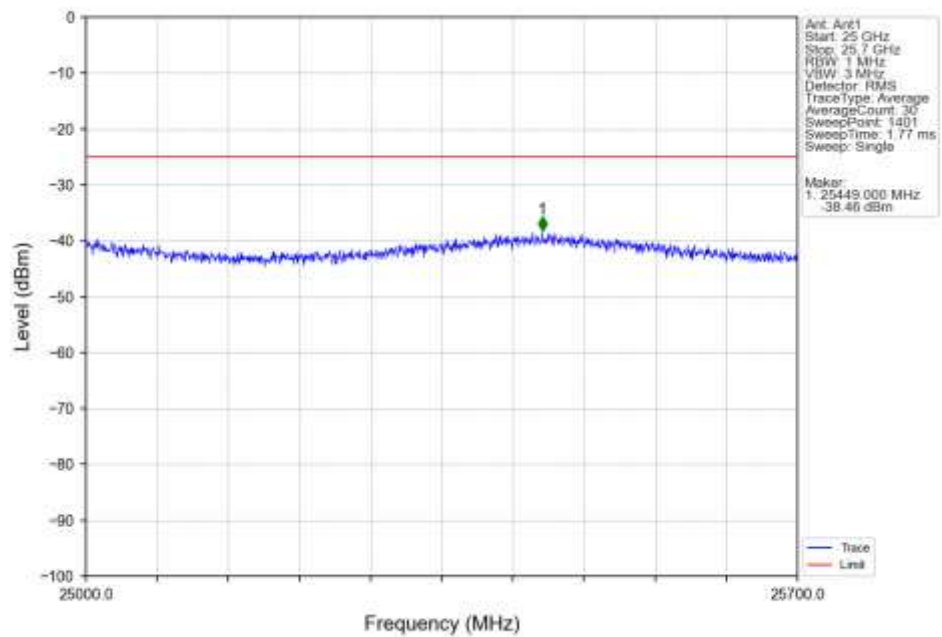
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



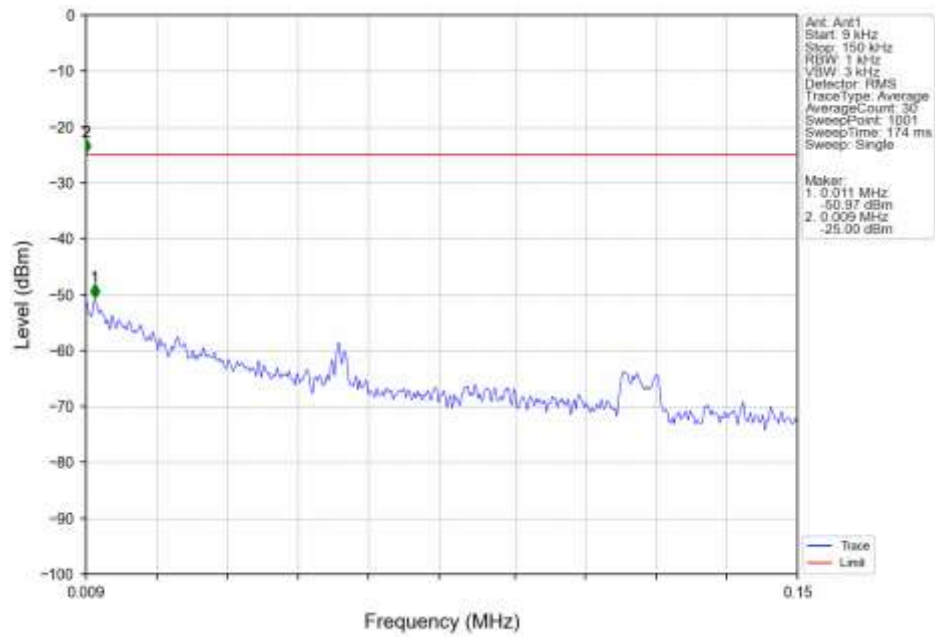
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



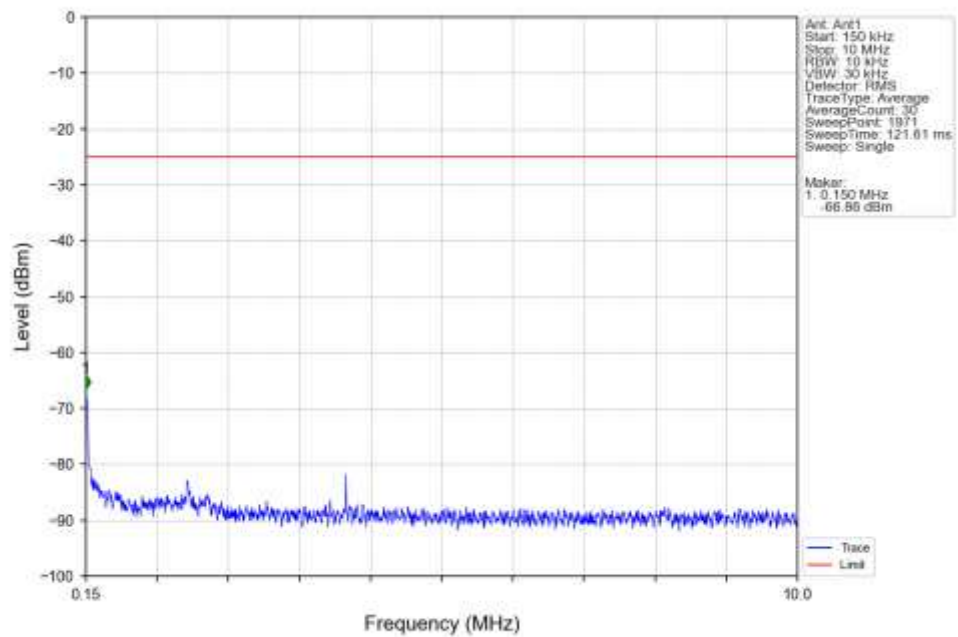
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



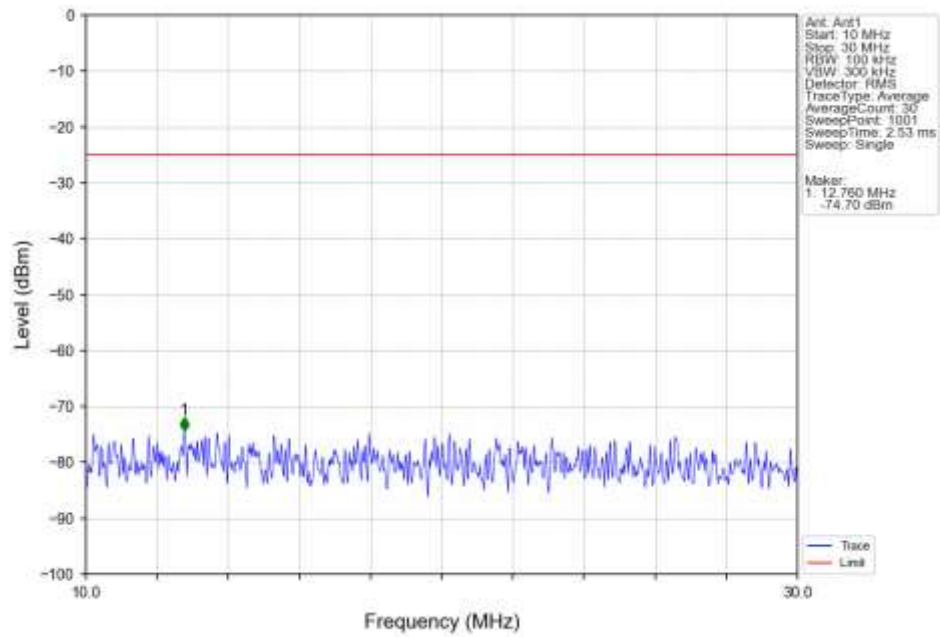
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV



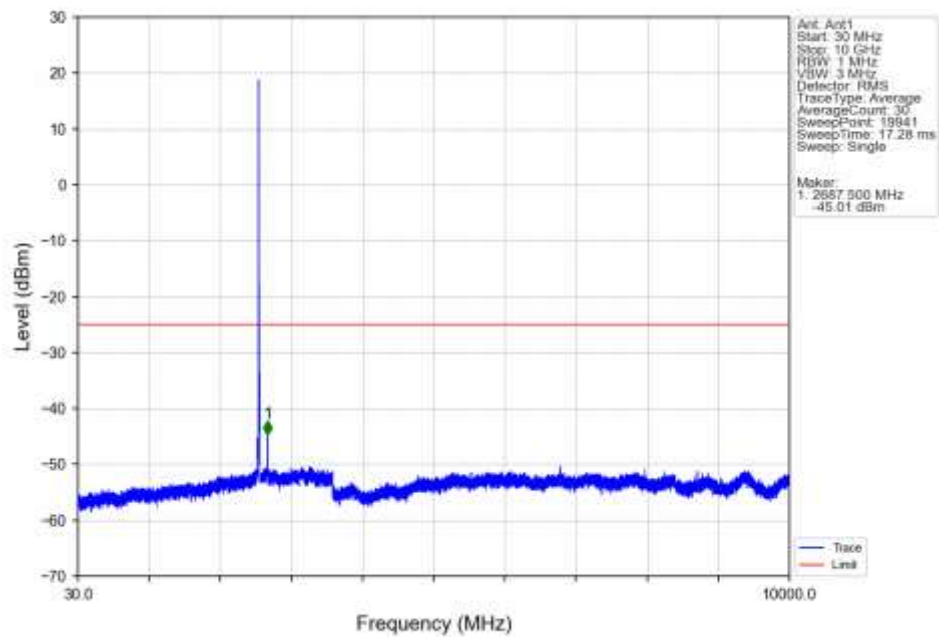
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV



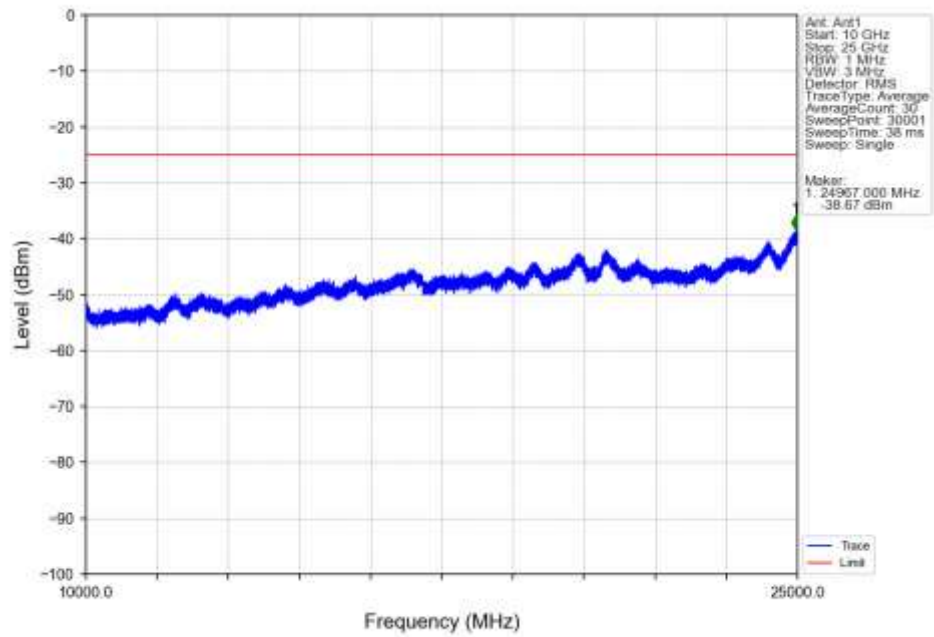
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV



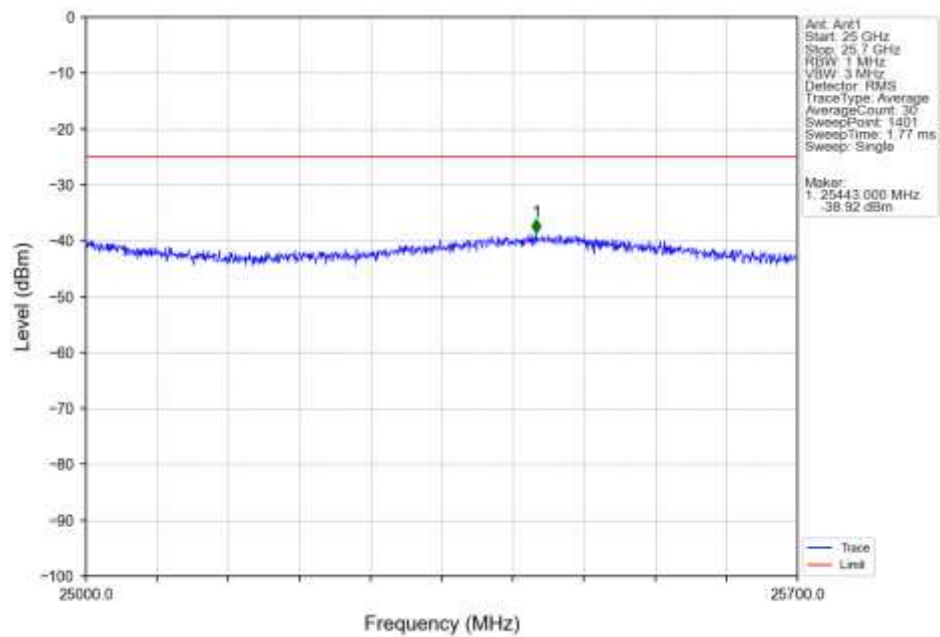
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV



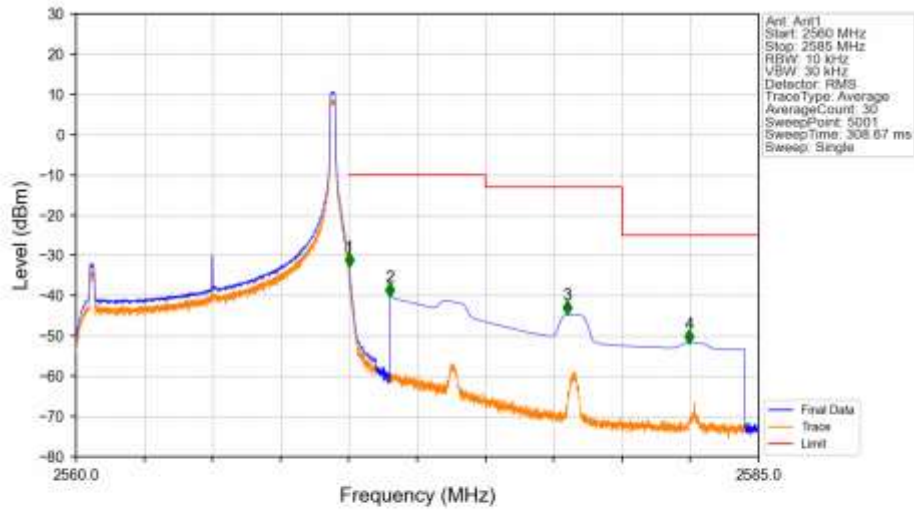
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV



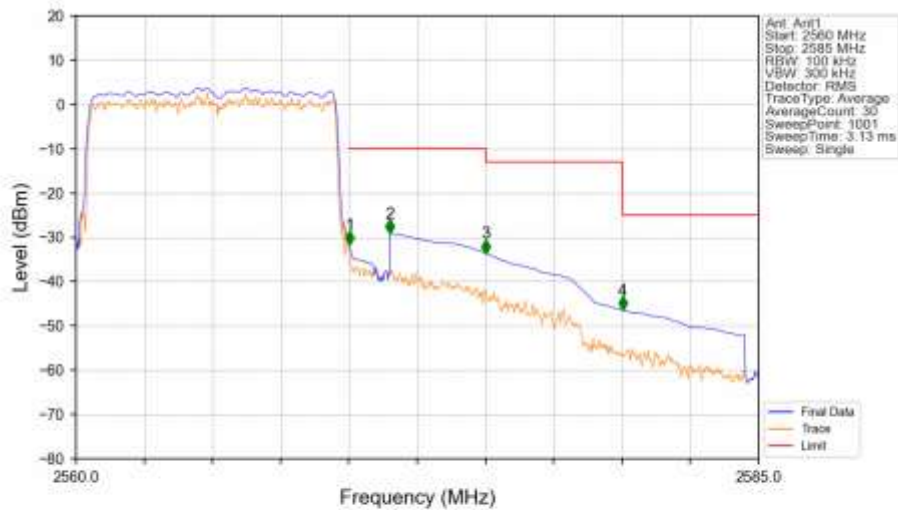
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV



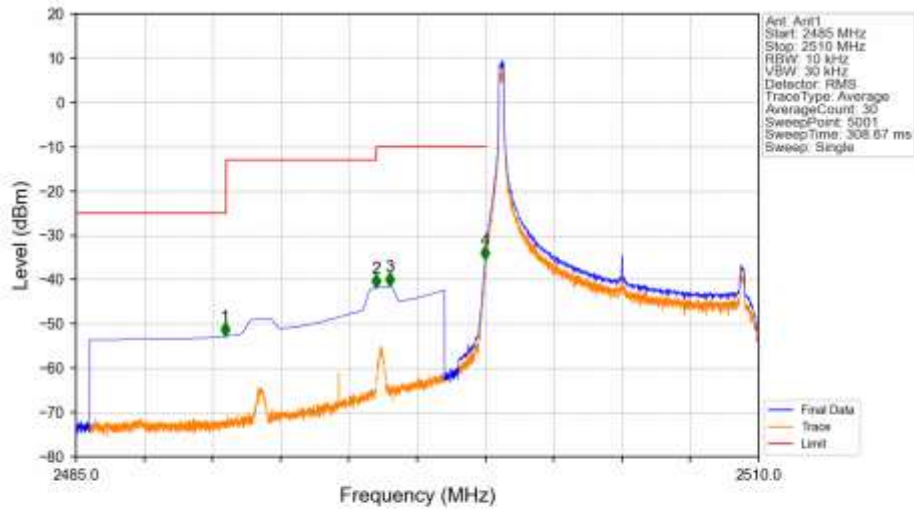
## Band7 10MHz QPSK HCH 2565MHz RB 1 49 NTNV



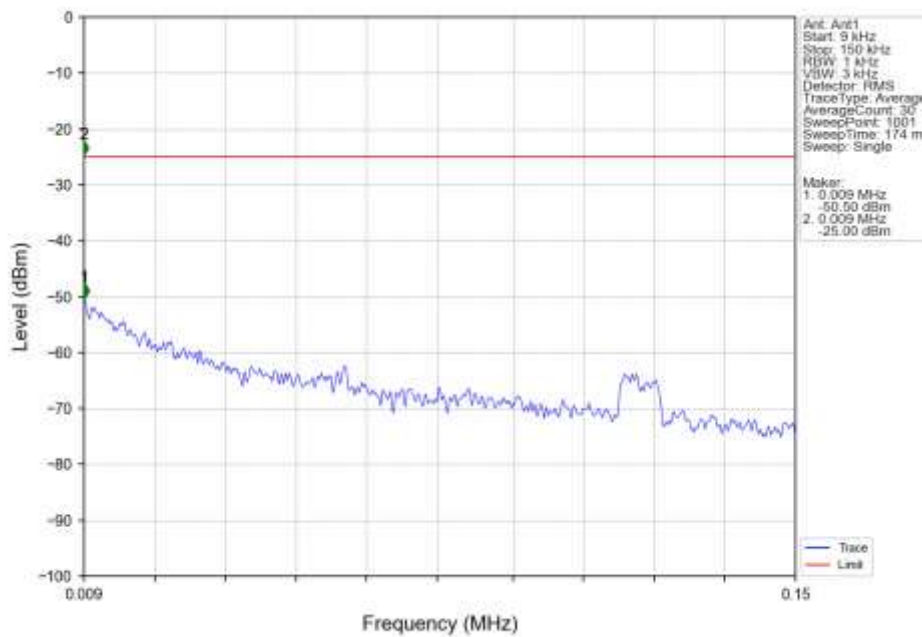
## Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



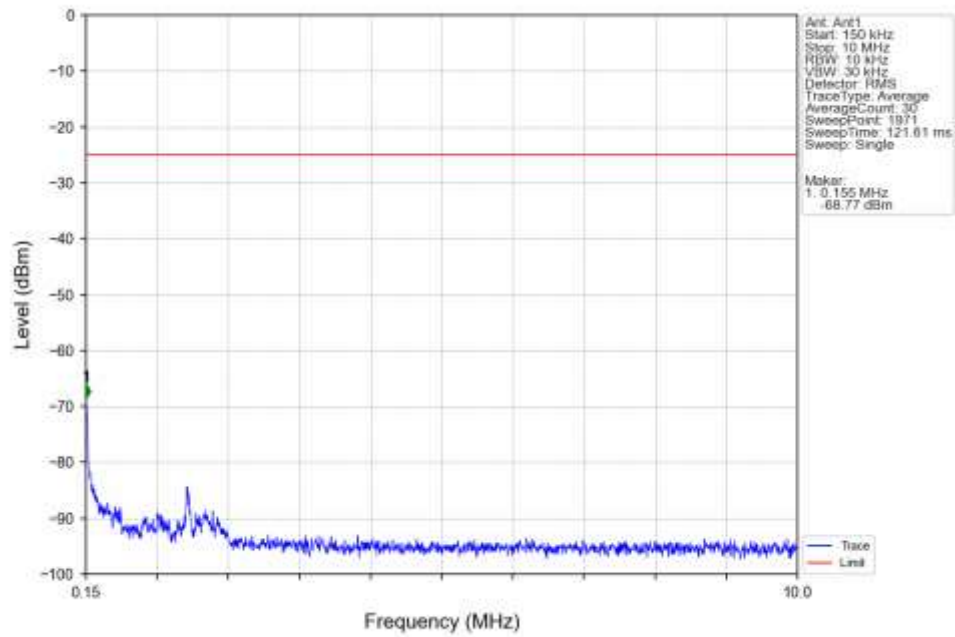
Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTNV



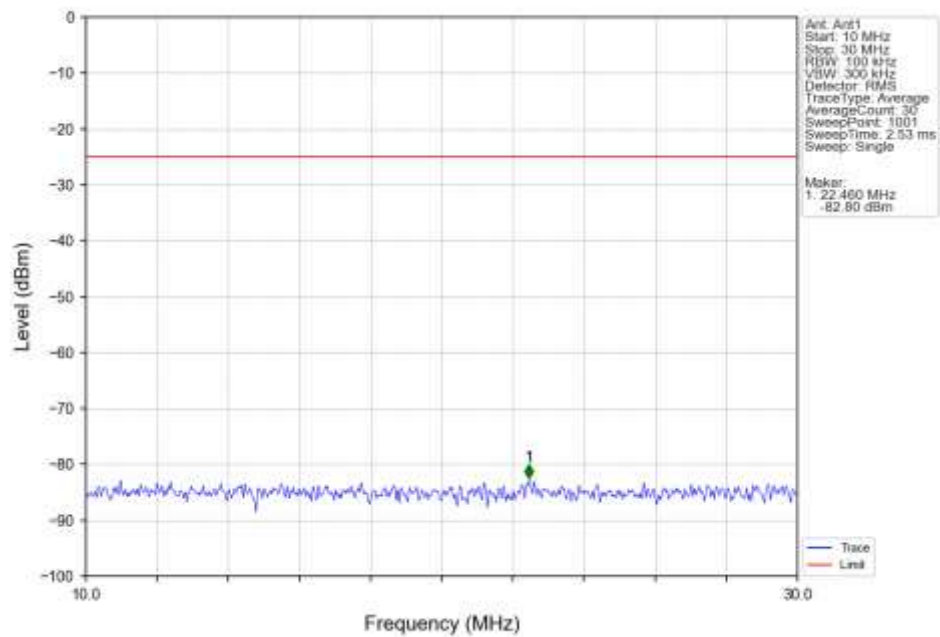
Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTNV



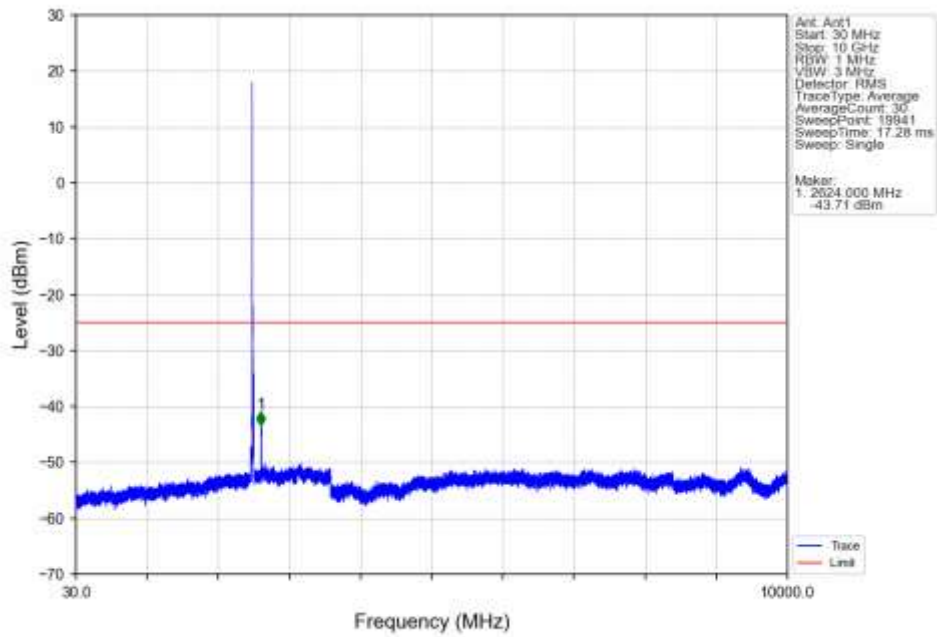
Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTNV



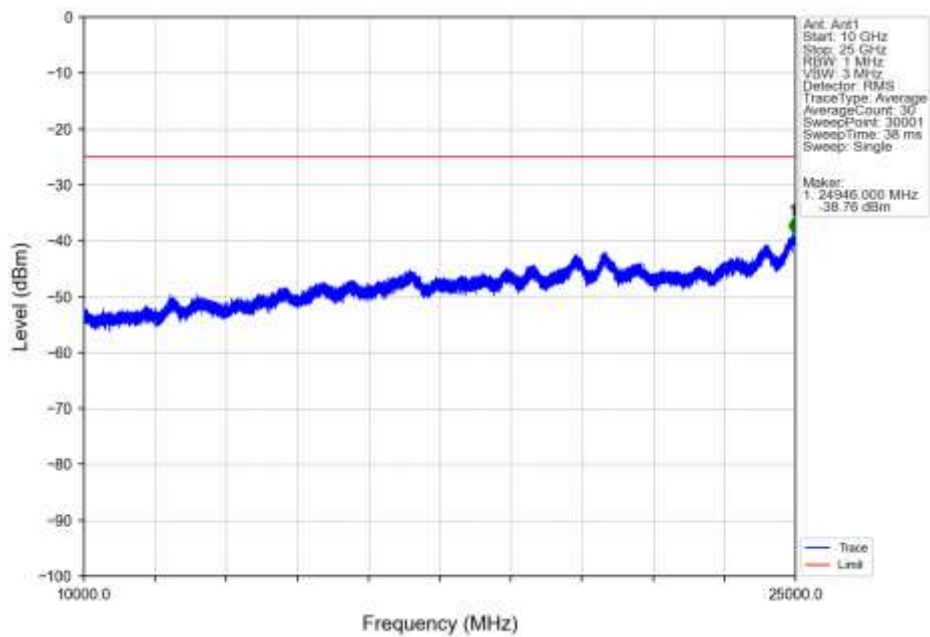
Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTNV



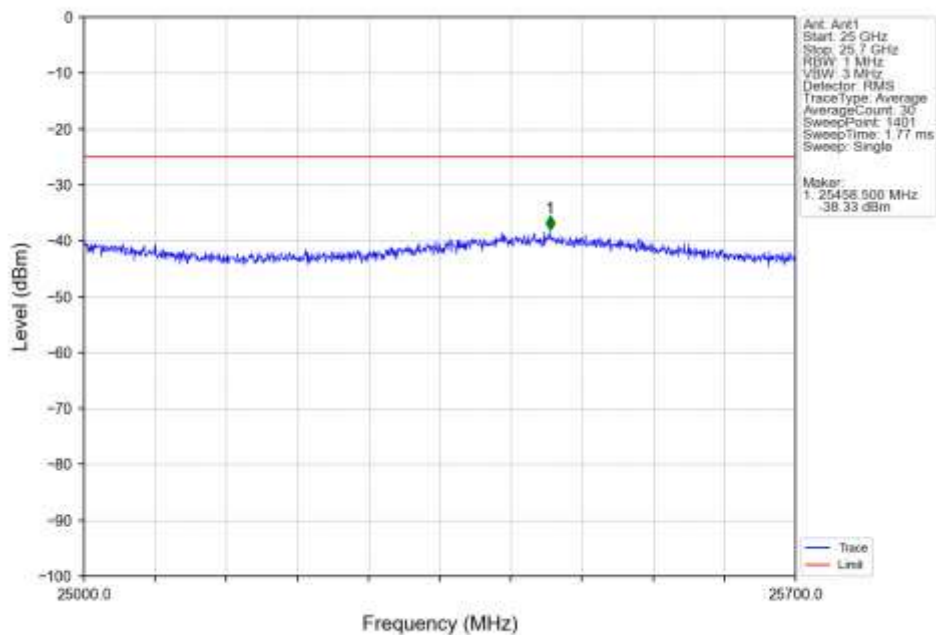
Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTNV



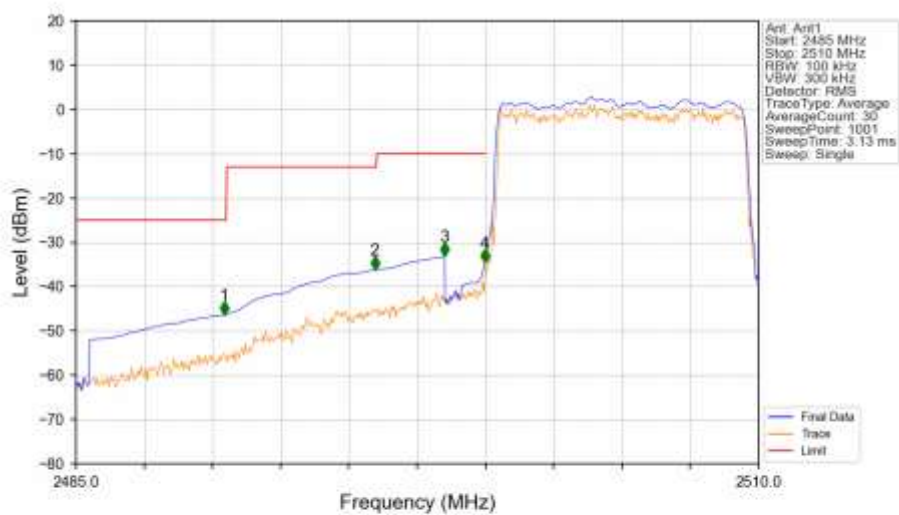
Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTNV



Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTNV

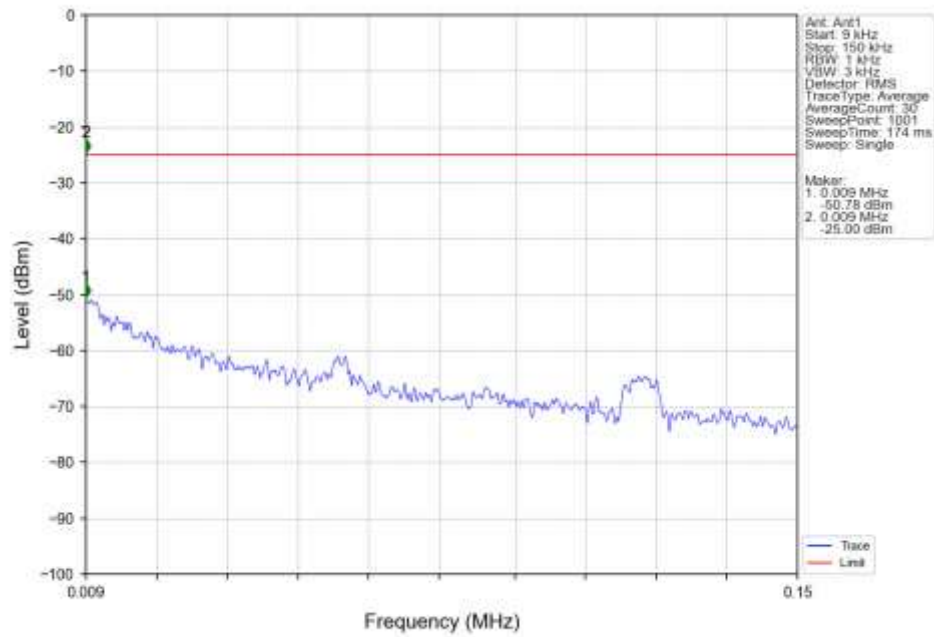


Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTNV

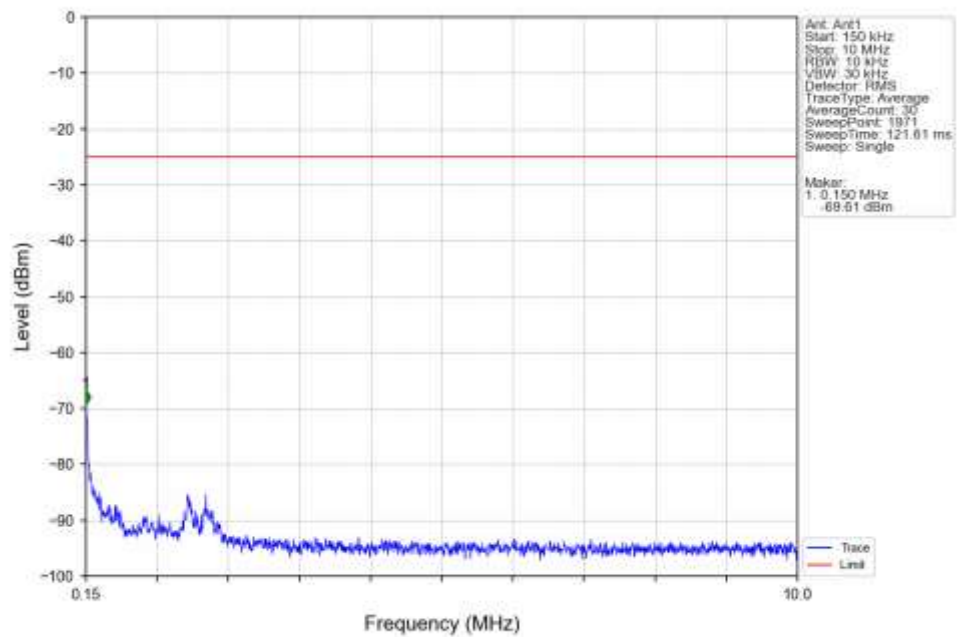


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.425   | -46.41      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.950   | -36.26      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -33.05      | -10         | Pass   |
| 2499        | 2500       | 0.202     | CHP    | 4          | 2499.975   | -34.62      | -10         | Pass   |
| 2500        | 2510       | 0.202     | CHP    | /          | /          | /           | /           | /      |

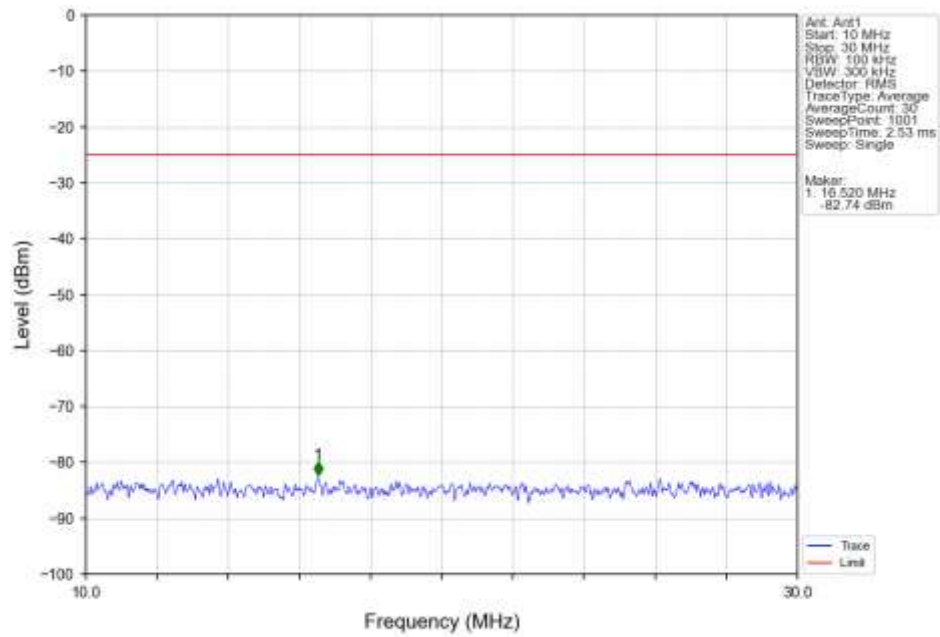
Band7 10MHz 16QAM MCH 2535MHz RB 1 0 NTNV



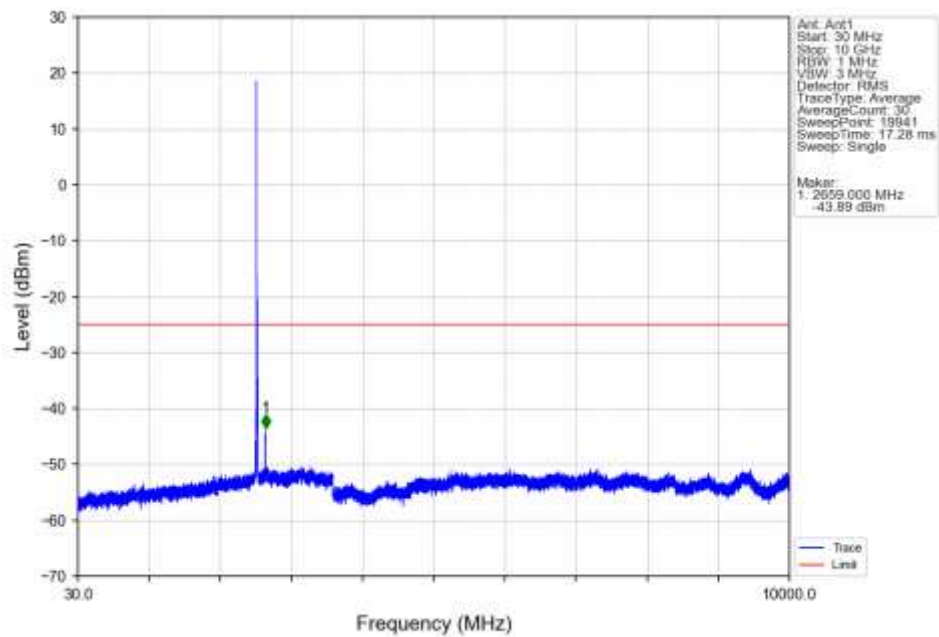
Band7 10MHz 16QAM MCH 2535MHz RB 1 0 NTNV



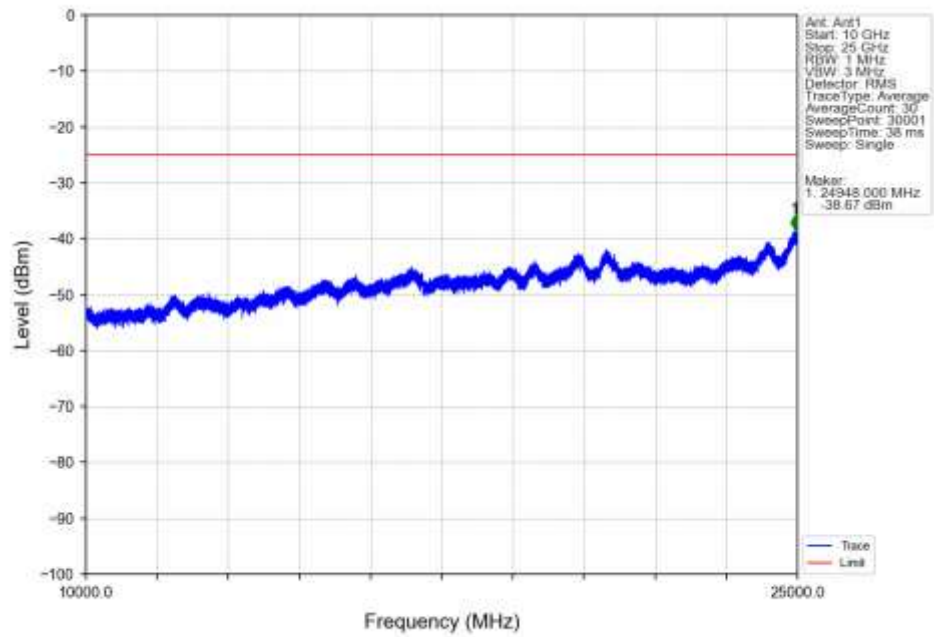
Band7 10MHz 16QAM MCH 2535MHz RB 1 0 NTNV



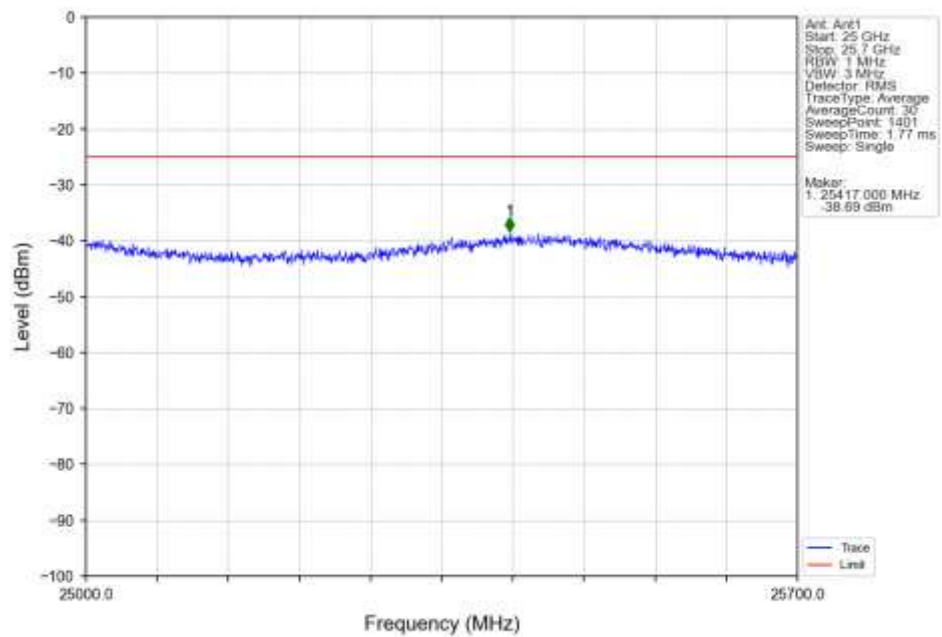
Band7 10MHz 16QAM MCH 2535MHz RB 1 0 NTNV



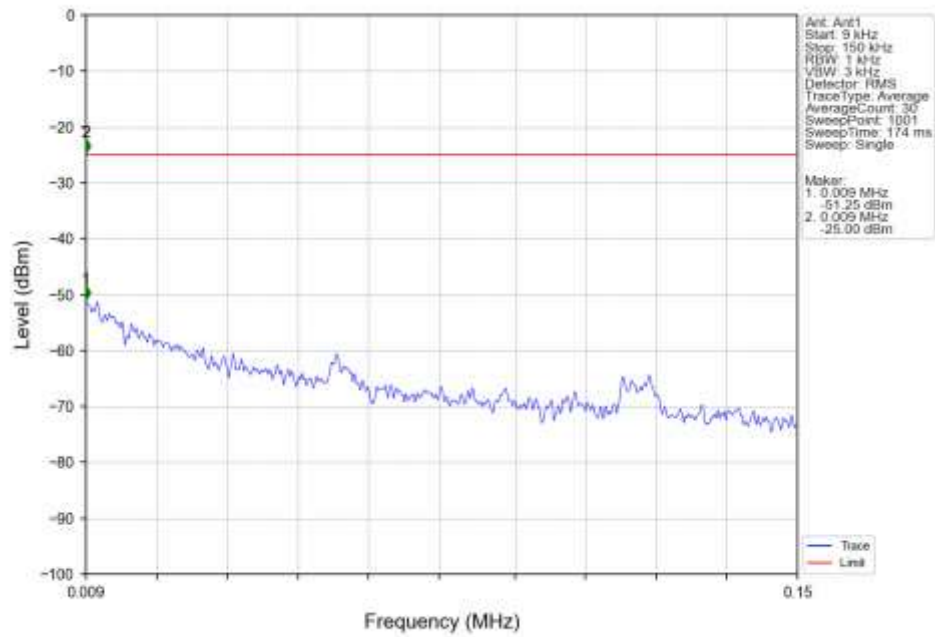
Band7 10MHz 16QAM MCH 2535MHz RB 1 0 NTNV



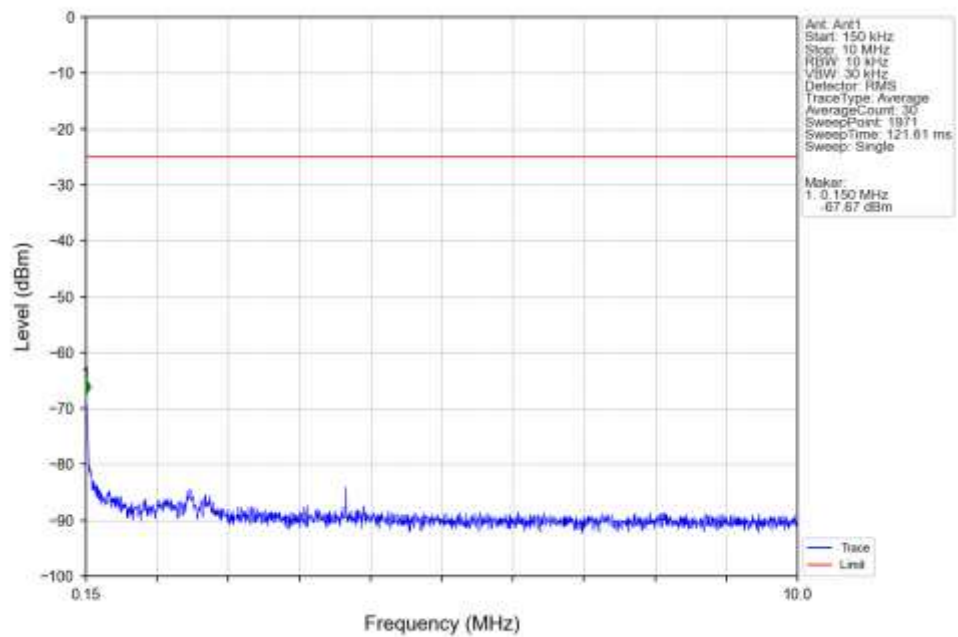
Band7 10MHz 16QAM MCH 2535MHz RB 1 0 NTNV



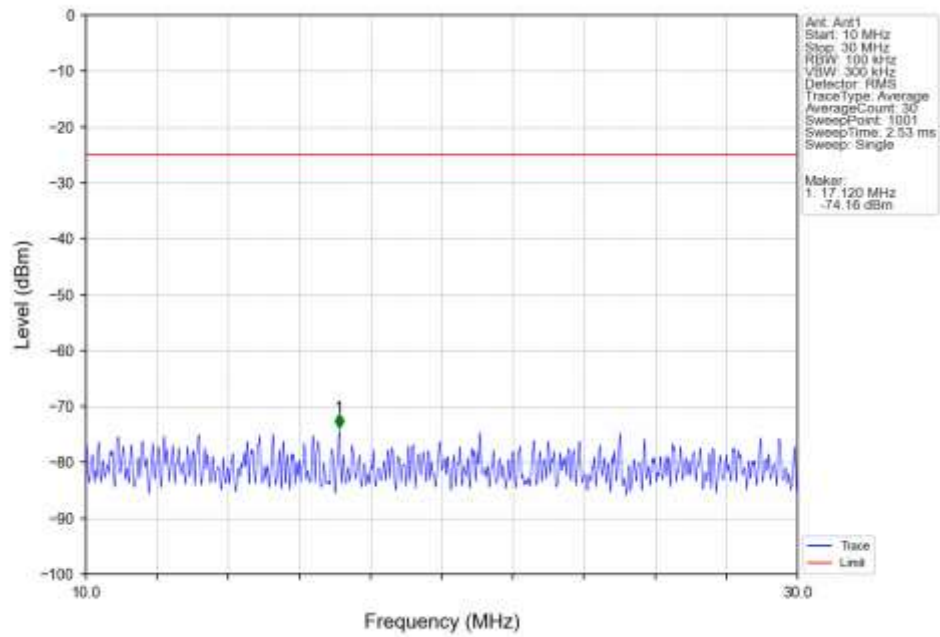
Band7 10MHz 16QAM HCH 2565MHz RB 1 0 NTNV



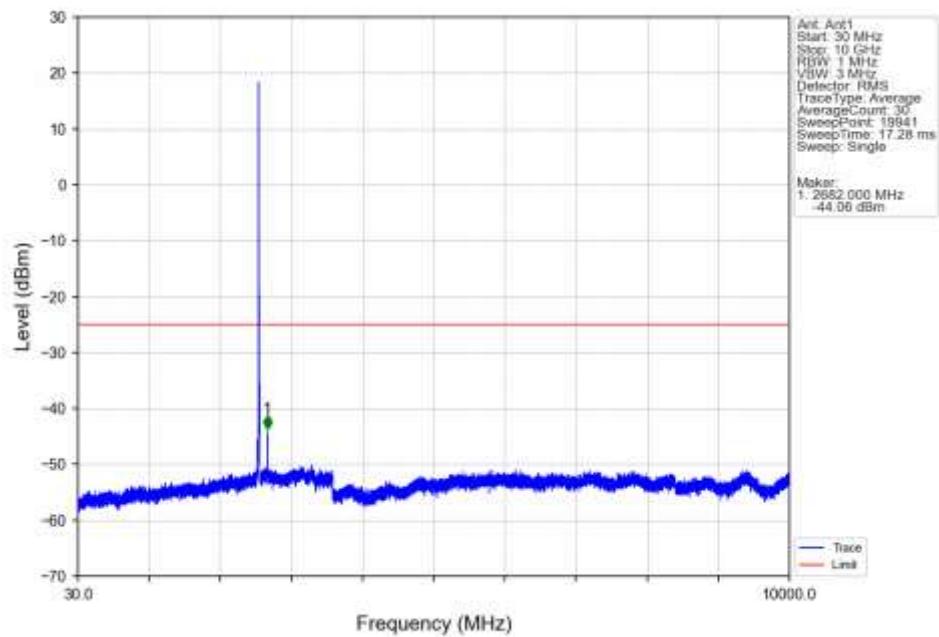
Band7 10MHz 16QAM HCH 2565MHz RB 1 0 NTNV



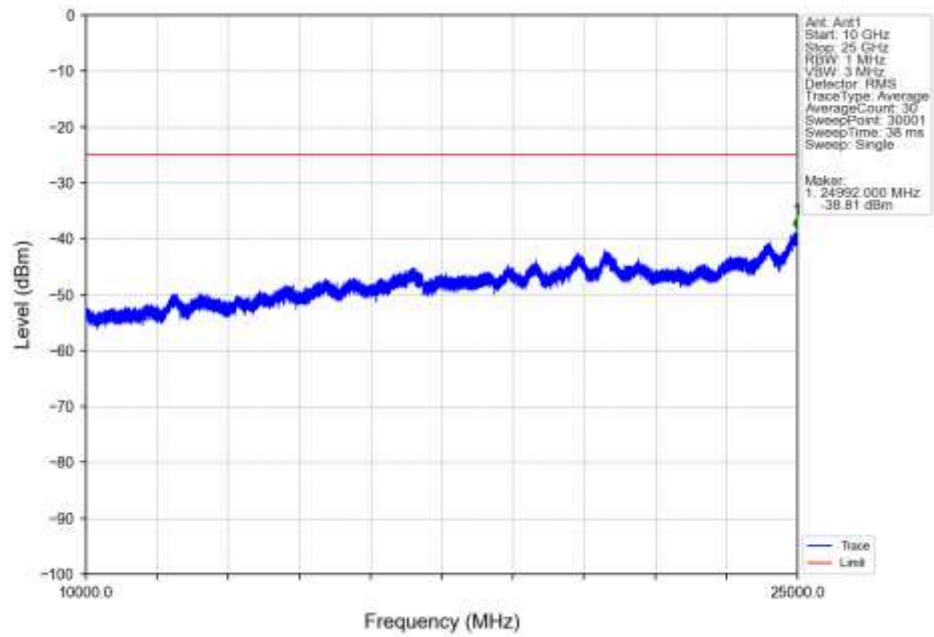
Band7 10MHz 16QAM HCH 2565MHz RB 1 0 NTNV



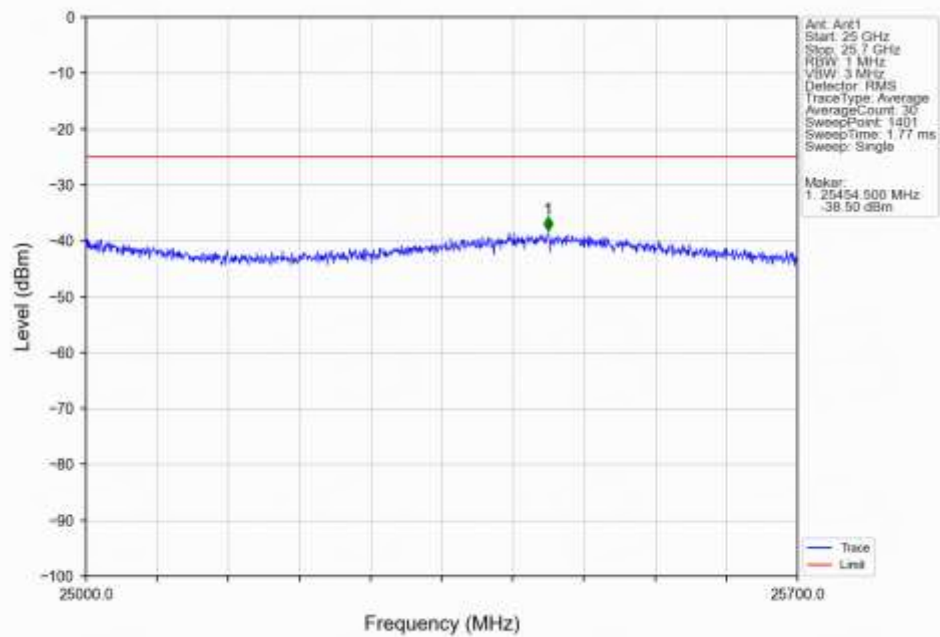
Band7 10MHz 16QAM HCH 2565MHz RB 1 0 NTNV



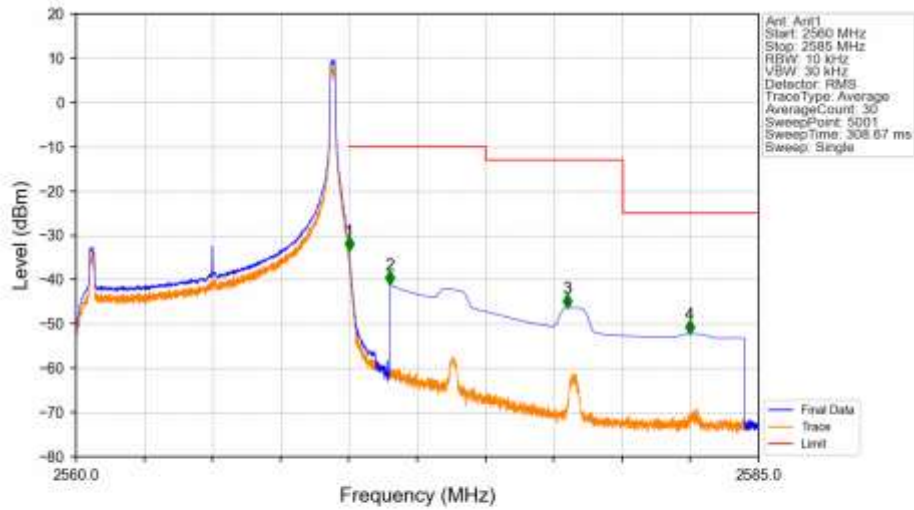
Band7 10MHz 16QAM HCH 2565MHz RB 1 0 NTNV



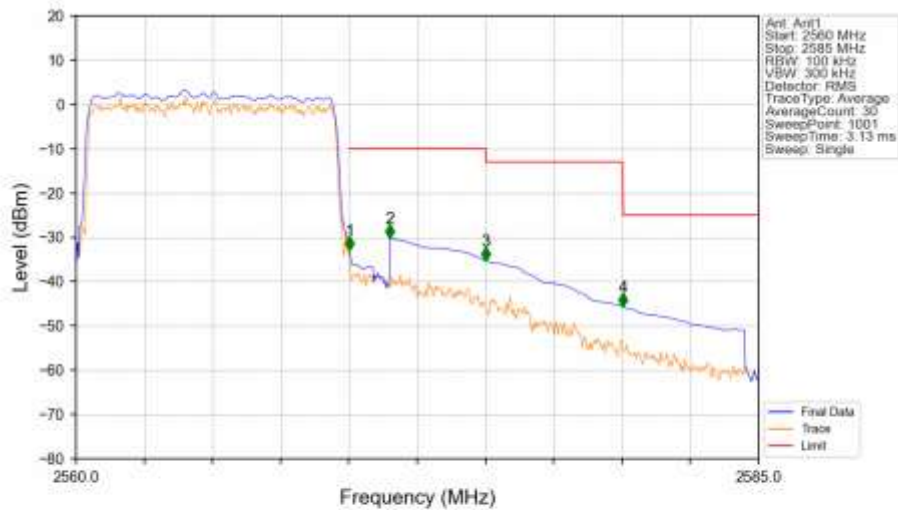
Band7 10MHz 16QAM HCH 2565MHz RB 1 0 NTNV



Band7 10MHz 16QAM HCH 2565MHz RB 1 49 NTNV

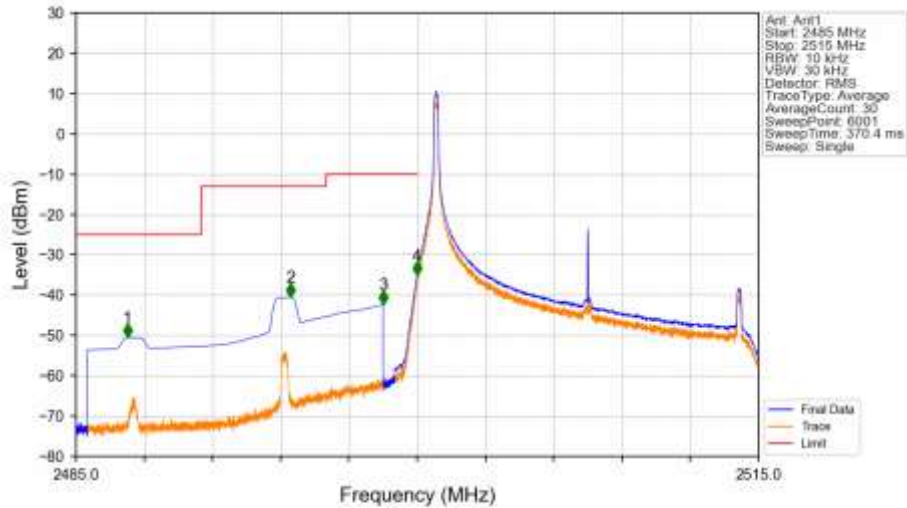


Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV



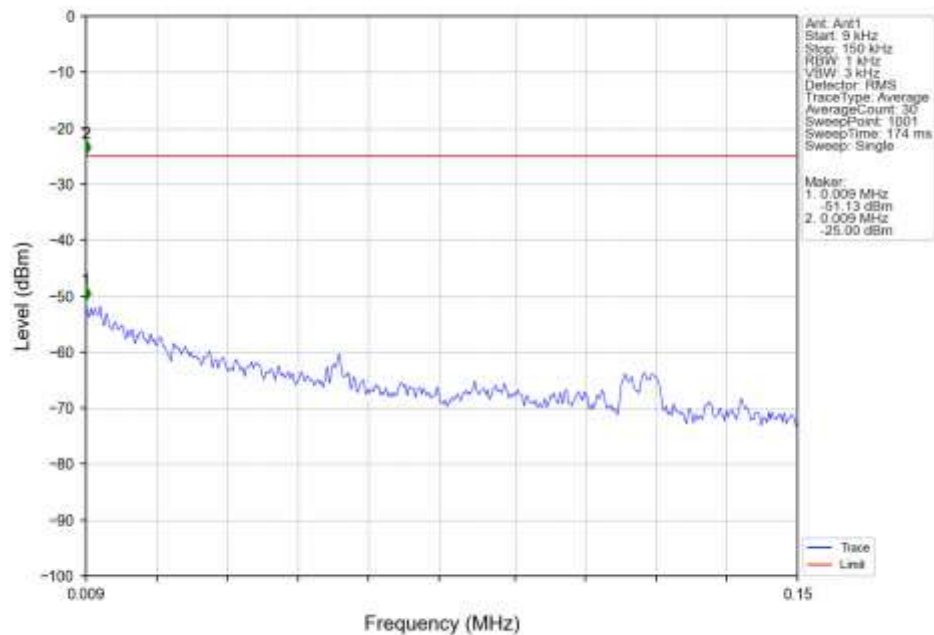
### 6.2.3 B7\_15MHz

Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV

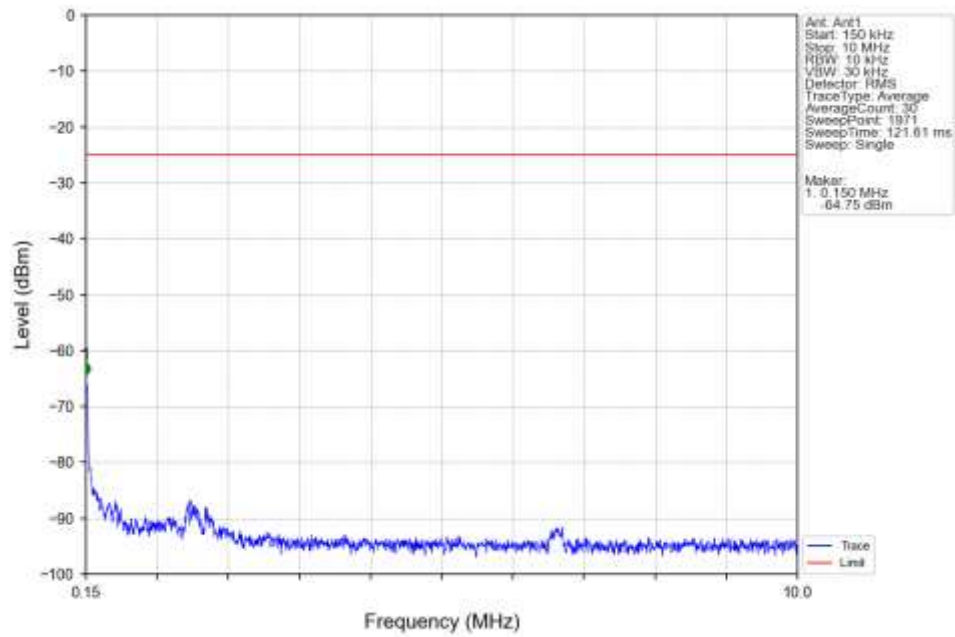


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2487.270   | -50.55      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2494.440   | -40.54      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -42.32      | -10         | Pass   |
| 2499        | 2500       | 0.02      | CHP    | 4          | 2499.995   | -35.07      | -10         | Pass   |
| 2500        | 2515       | 0.02      | CHP    | /          | /          | /           | /           | /      |

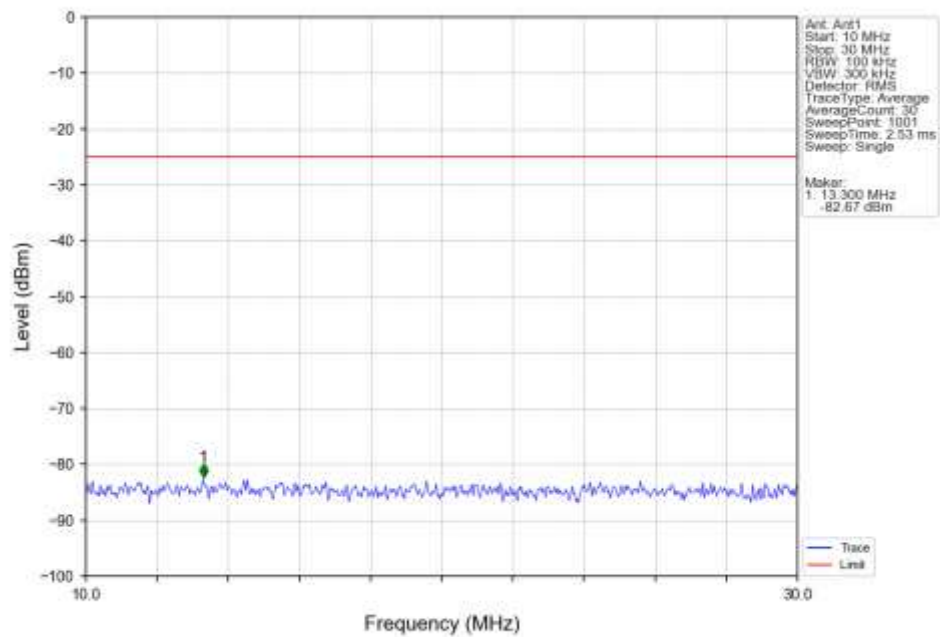
Band7\_15MHz\_QPSK\_LCH\_2507.5MHz\_RB\_1\_0\_NTNV



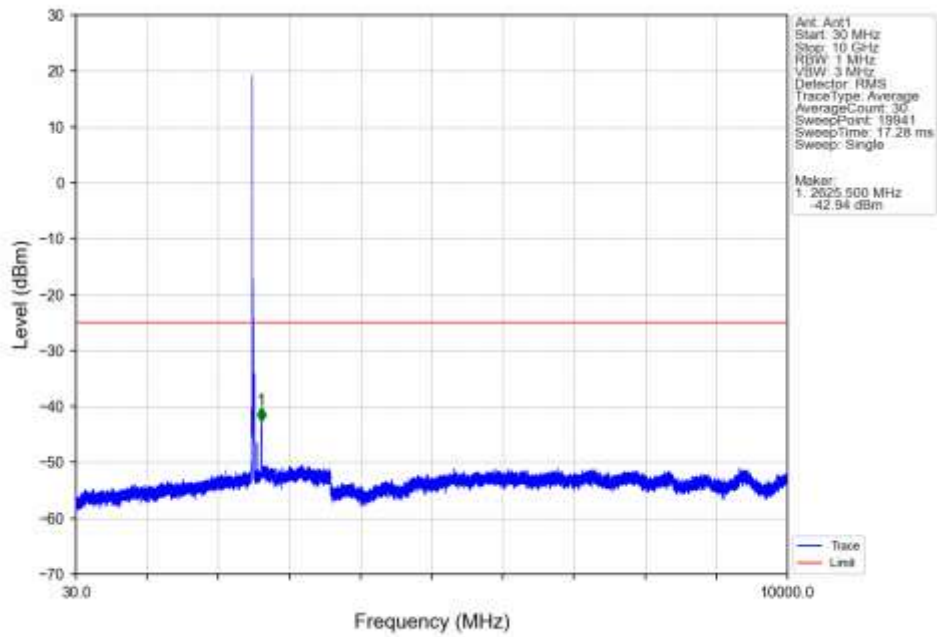
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



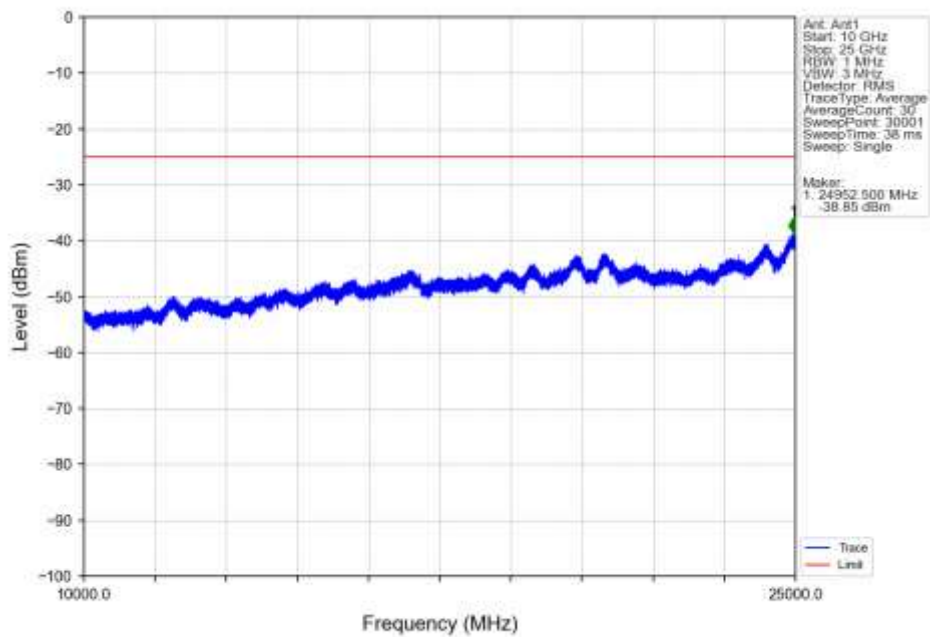
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



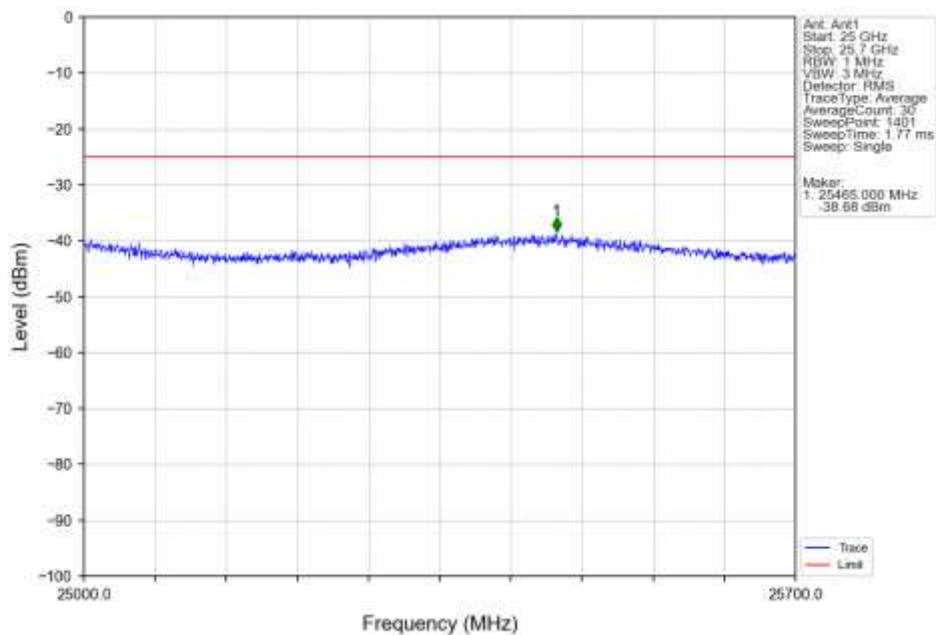
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



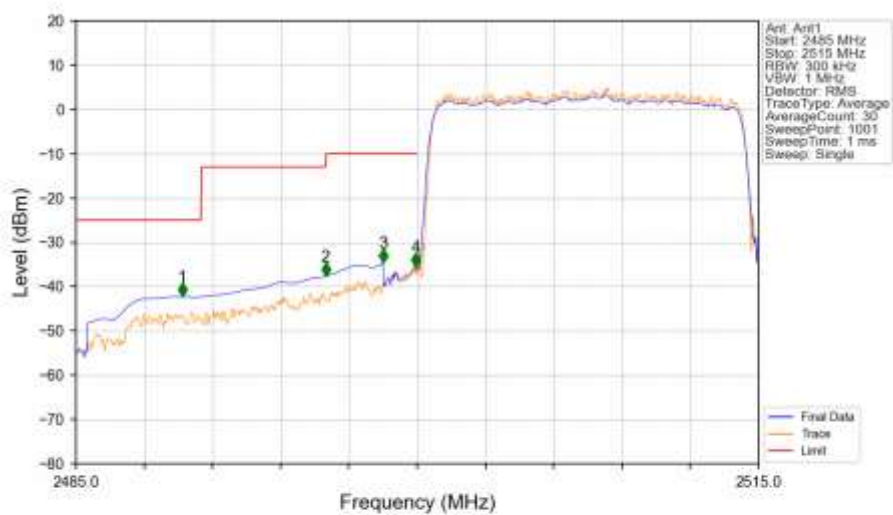
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV

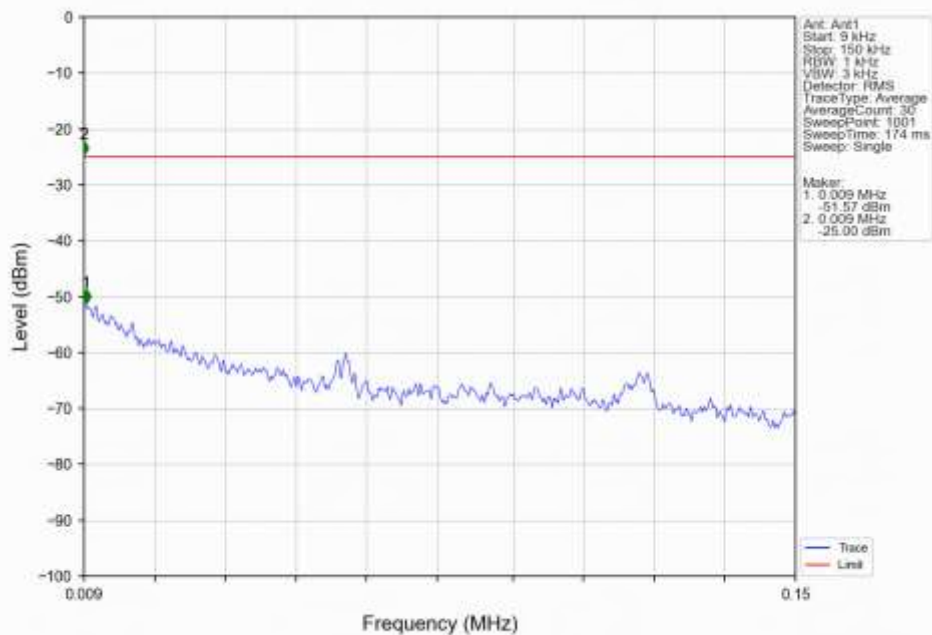


Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV

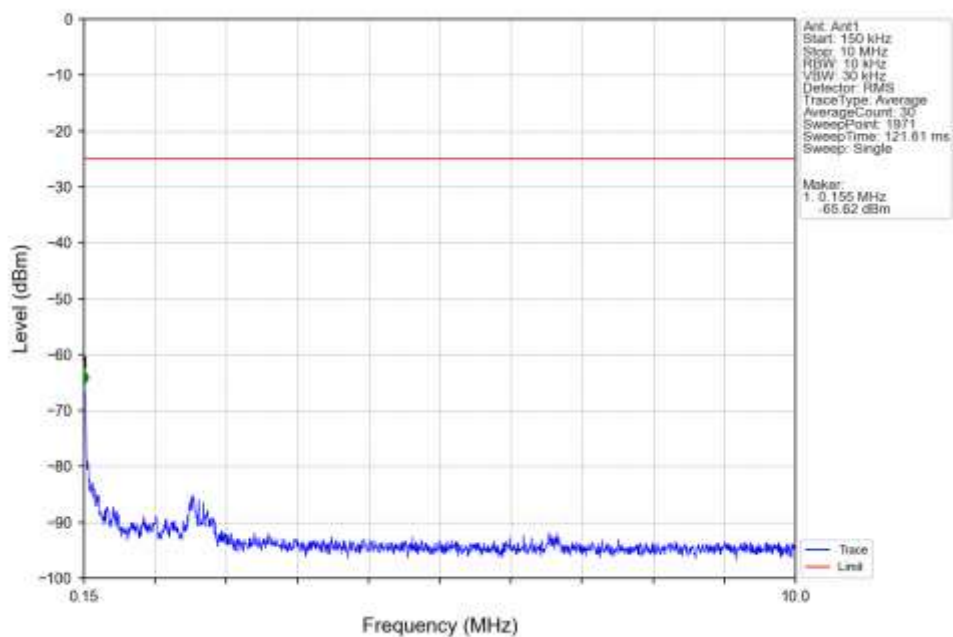


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2489.680   | -42.25      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.980   | -37.63      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.500   | -34.58      | -10         | Pass   |
| 2499        | 2500       | 0.302     | CHP    | 4          | 2499.940   | -35.58      | -10         | Pass   |
| 2500        | 2515       | 0.302     | CHP    | /          | /          | /           | /           | /      |

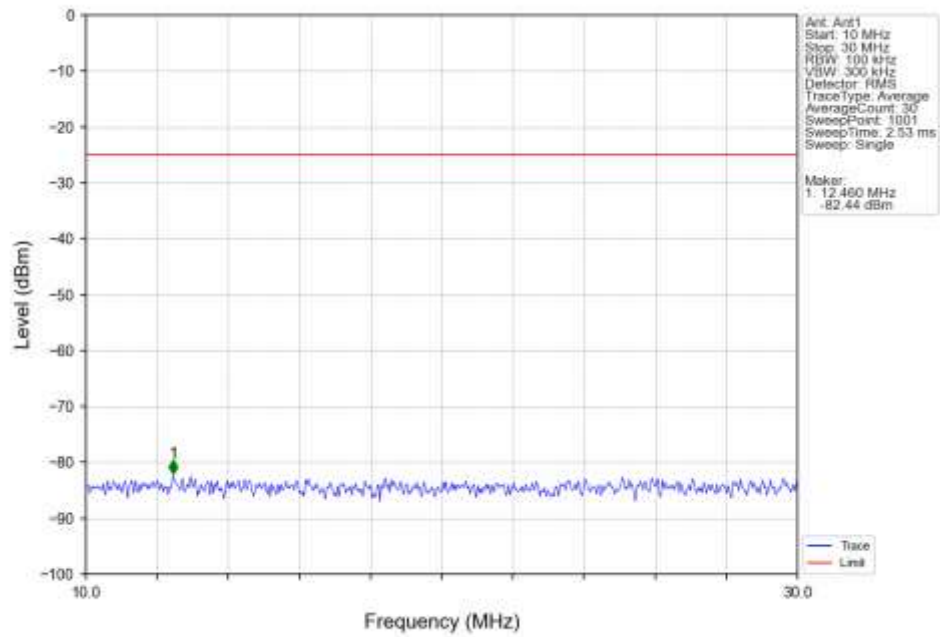
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



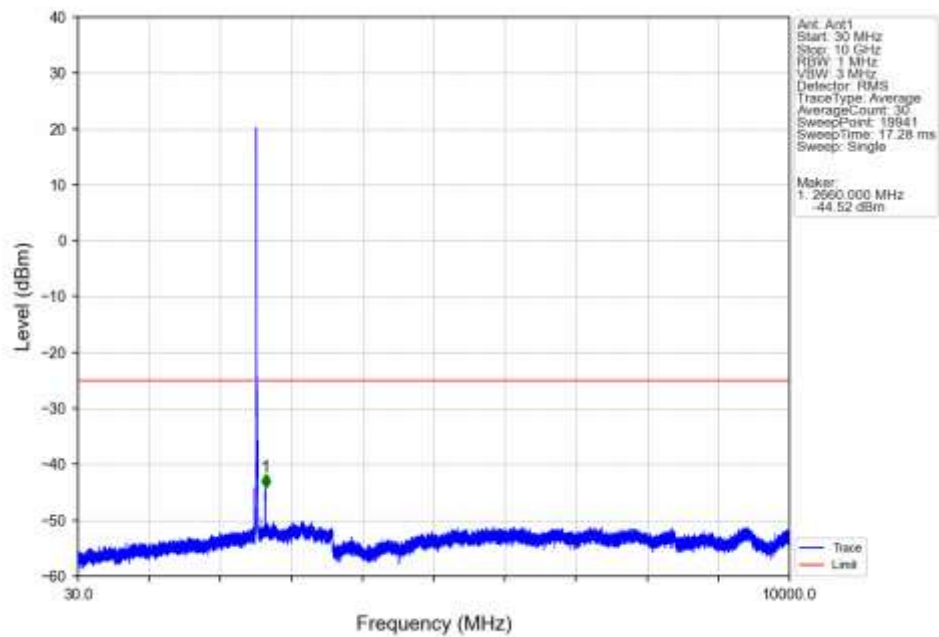
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



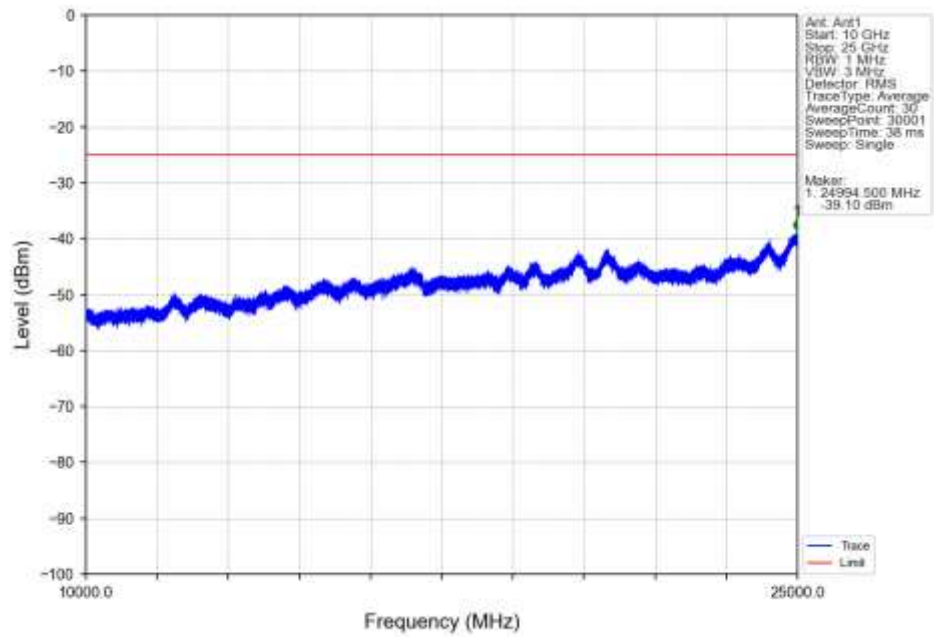
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



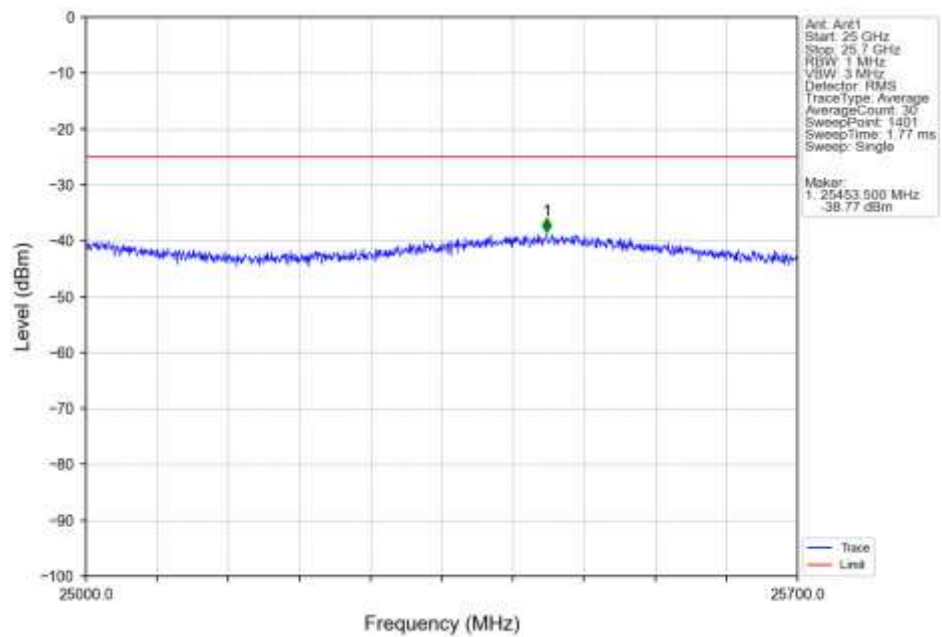
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



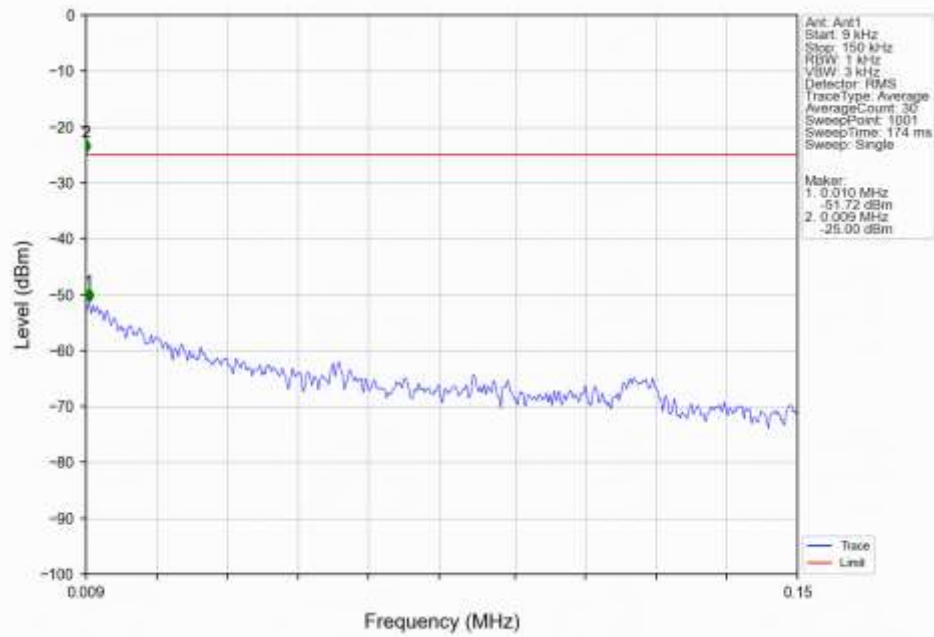
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



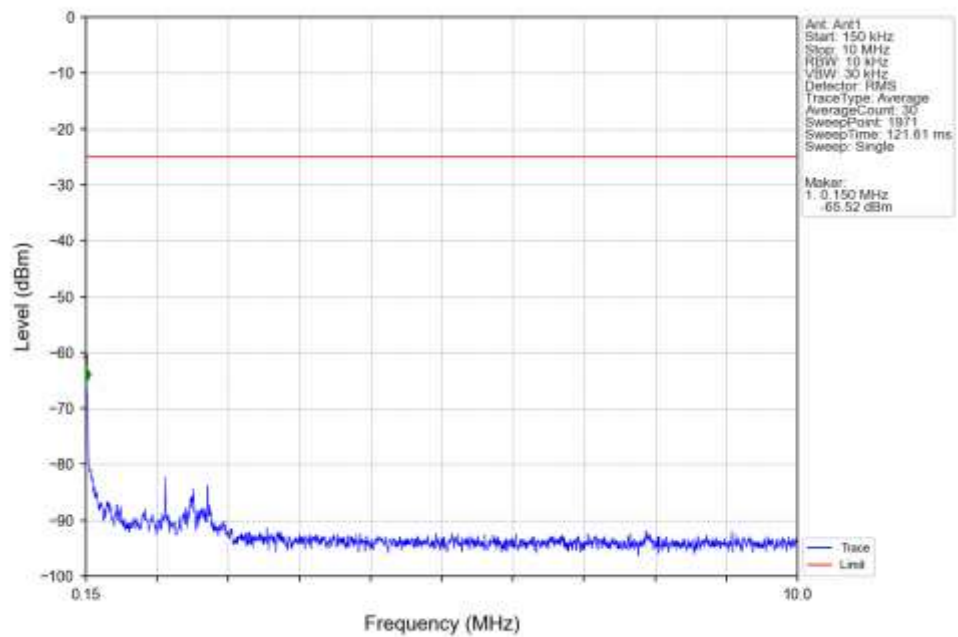
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



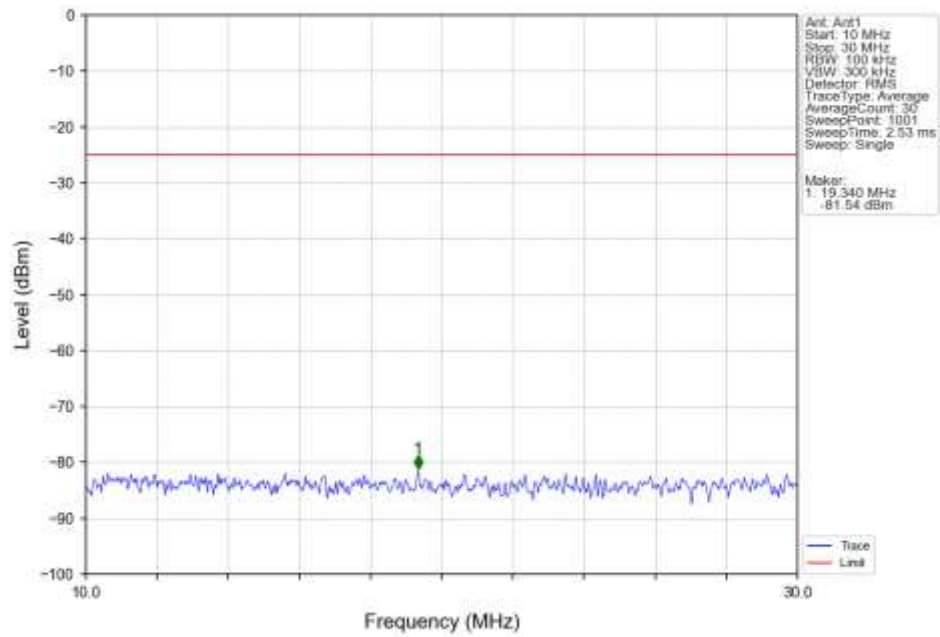
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTNV



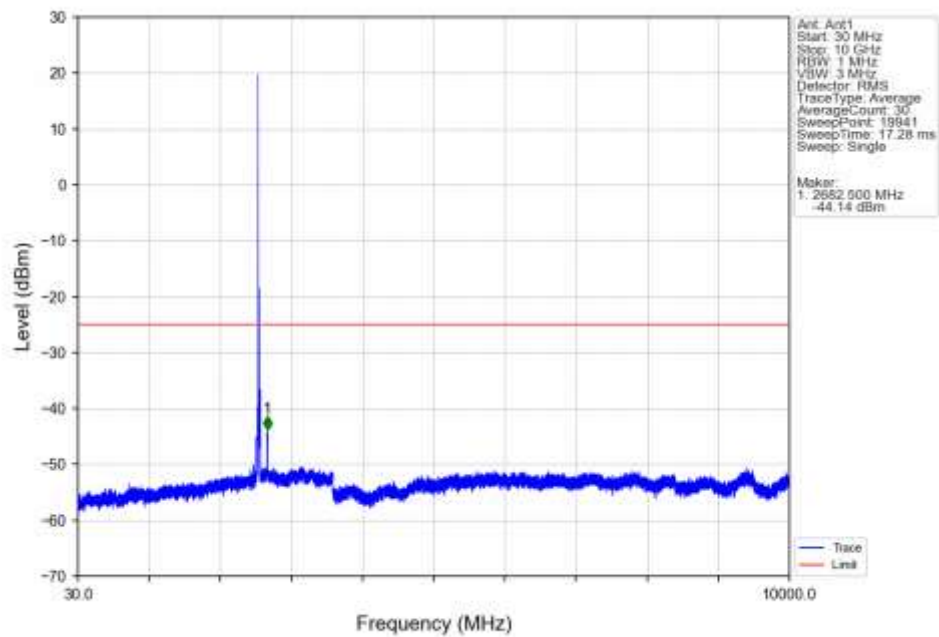
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTNV



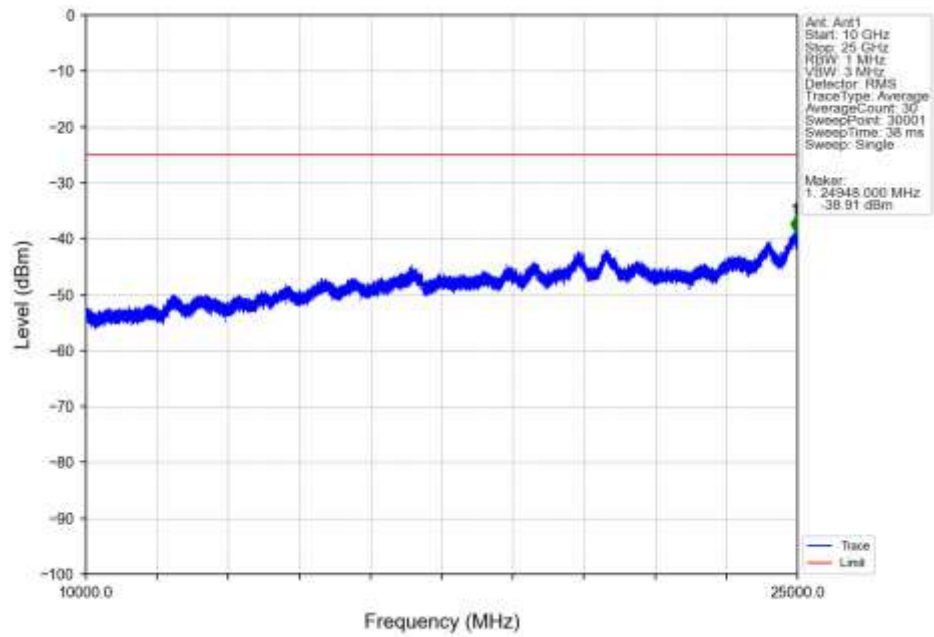
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTNV



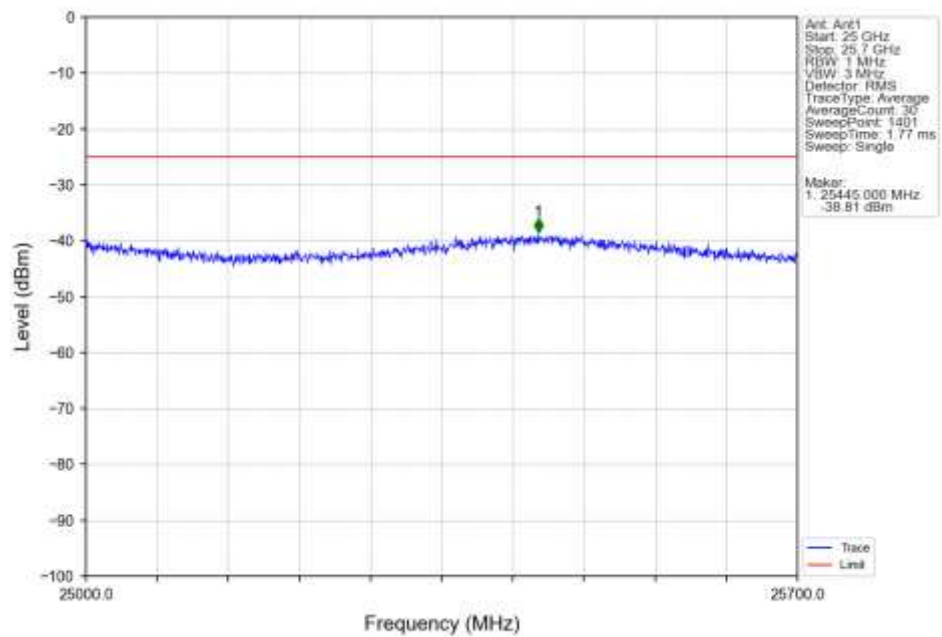
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTNV



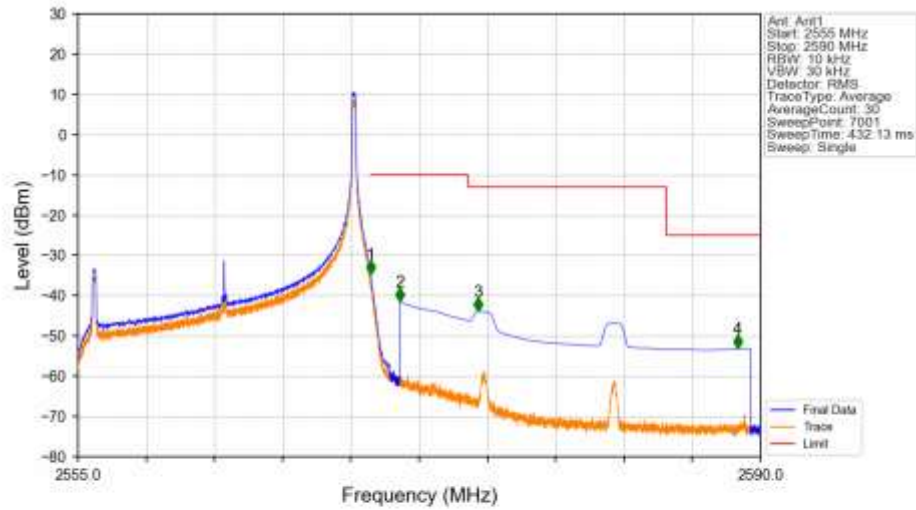
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTNV



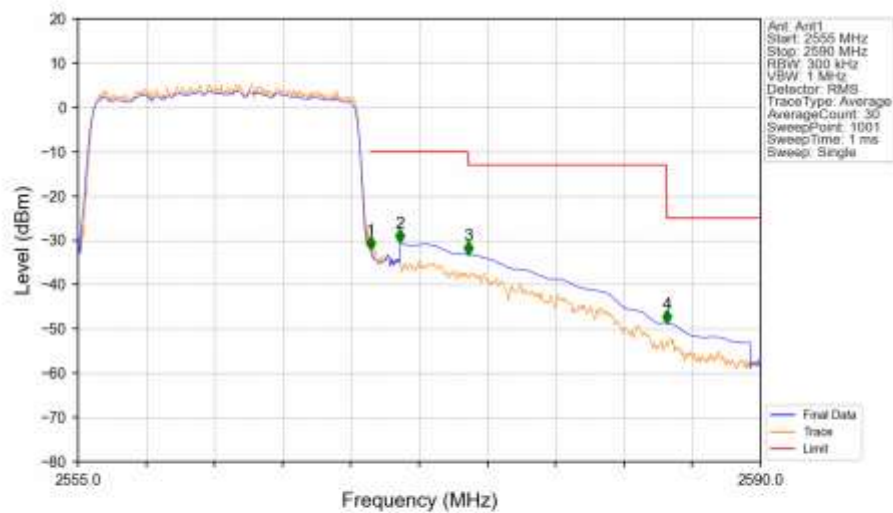
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTNV



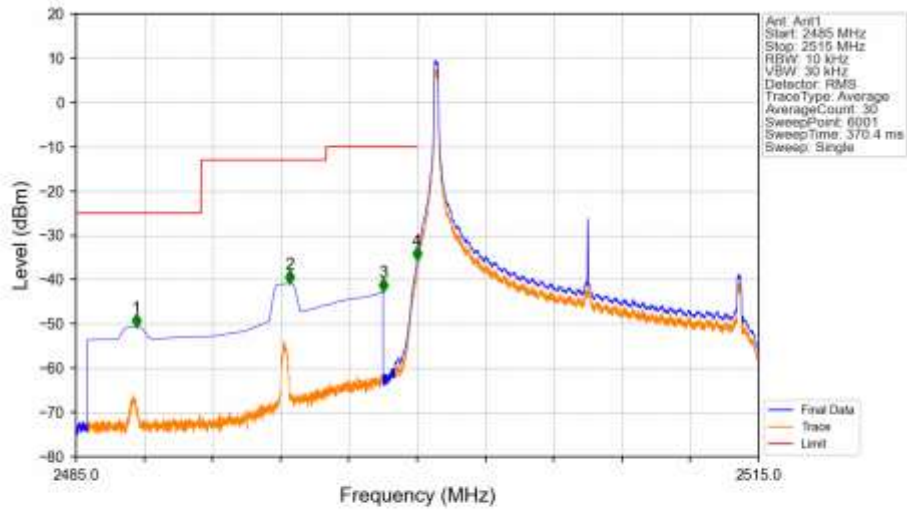
Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTV



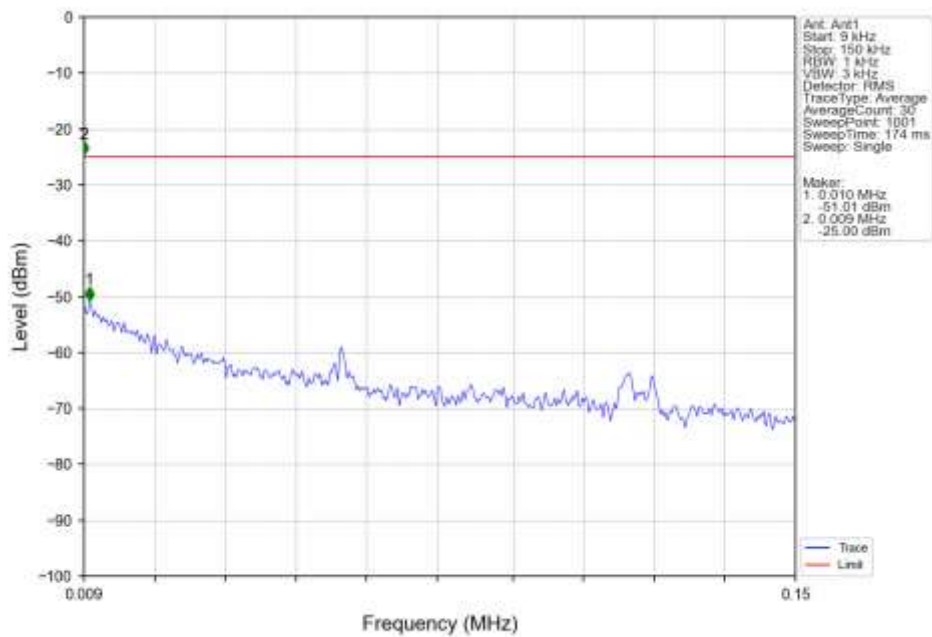
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTV



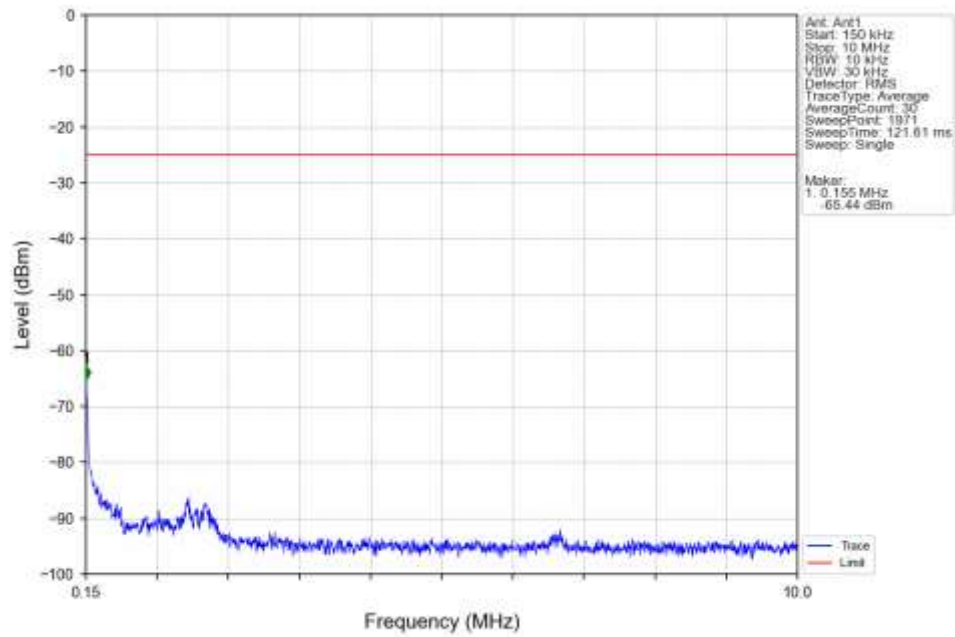
## Band7 15MHz 16QAM LCH 2507.5MHz RB 1 0 NTNV



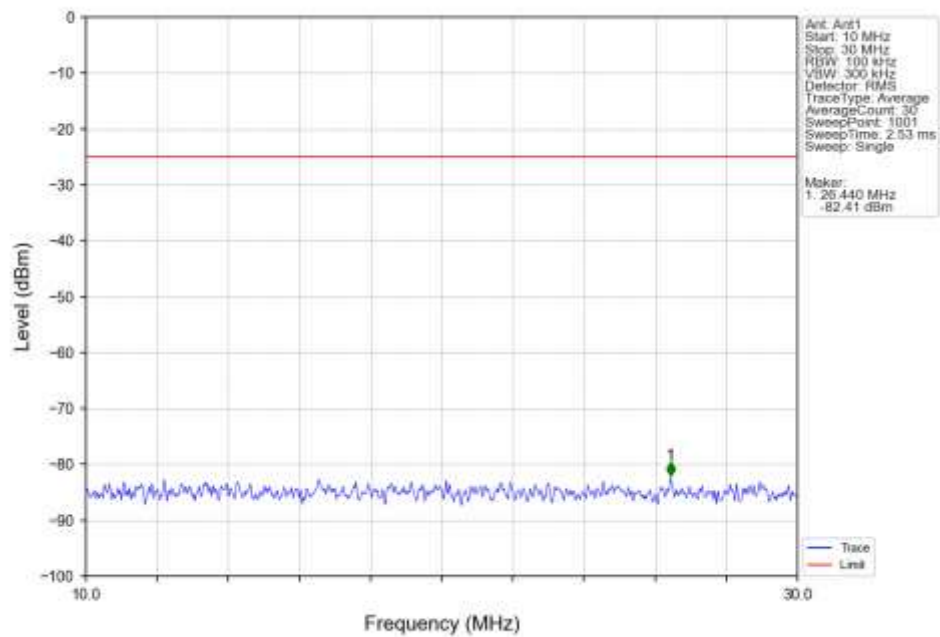
## Band7 15MHz 16QAM LCH 2507.5MHz RB 1 0 NTNV



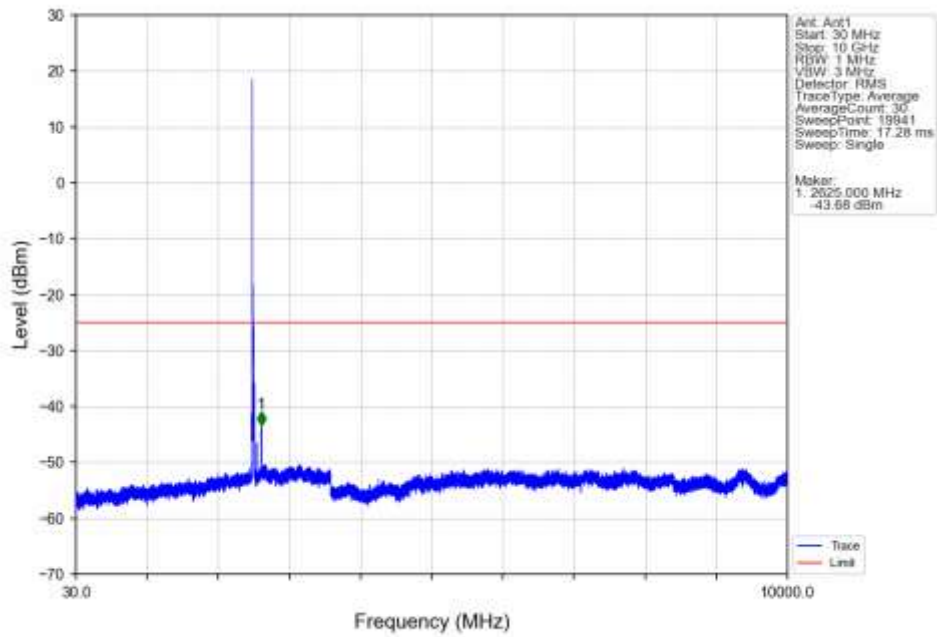
Band7 15MHz 16QAM LCH 2507.5MHz RB 1 0 NTNV



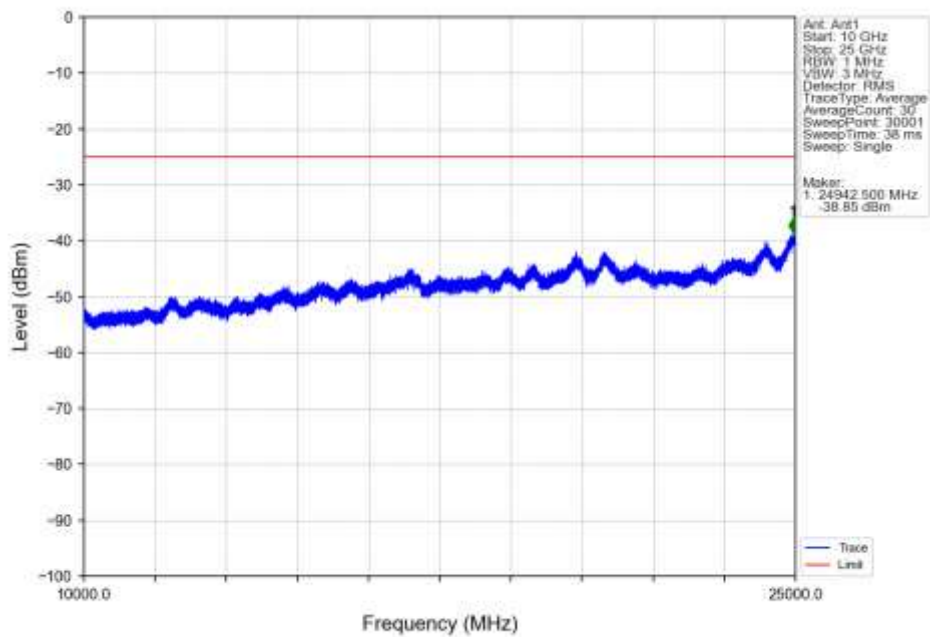
Band7 15MHz 16QAM LCH 2507.5MHz RB 1 0 NTNV



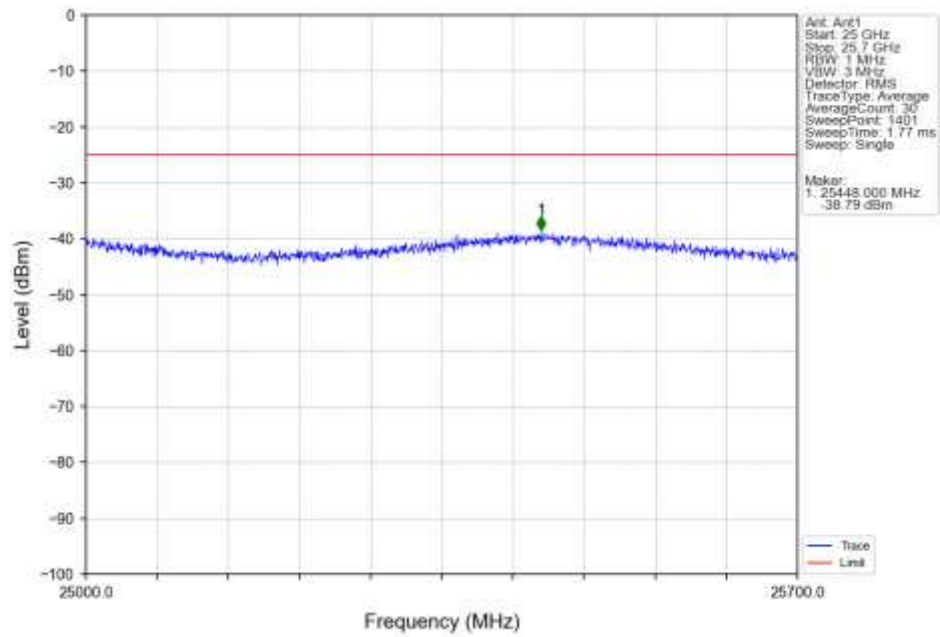
Band7 15MHz 16QAM LCH 2507.5MHz RB 1 0 NTNV



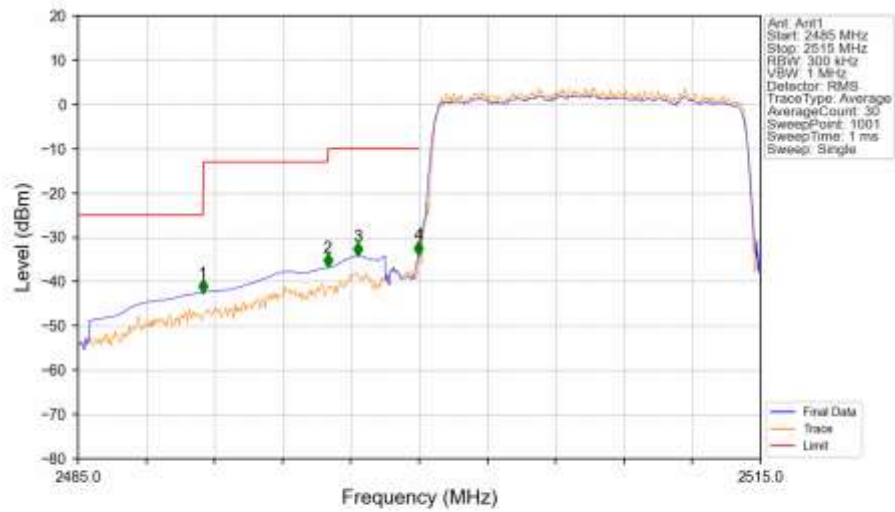
Band7 15MHz 16QAM LCH 2507.5MHz RB 1 0 NTNV



Band7 15MHz 16QAM LCH 2507.5MHz RB 1 0 NTNV

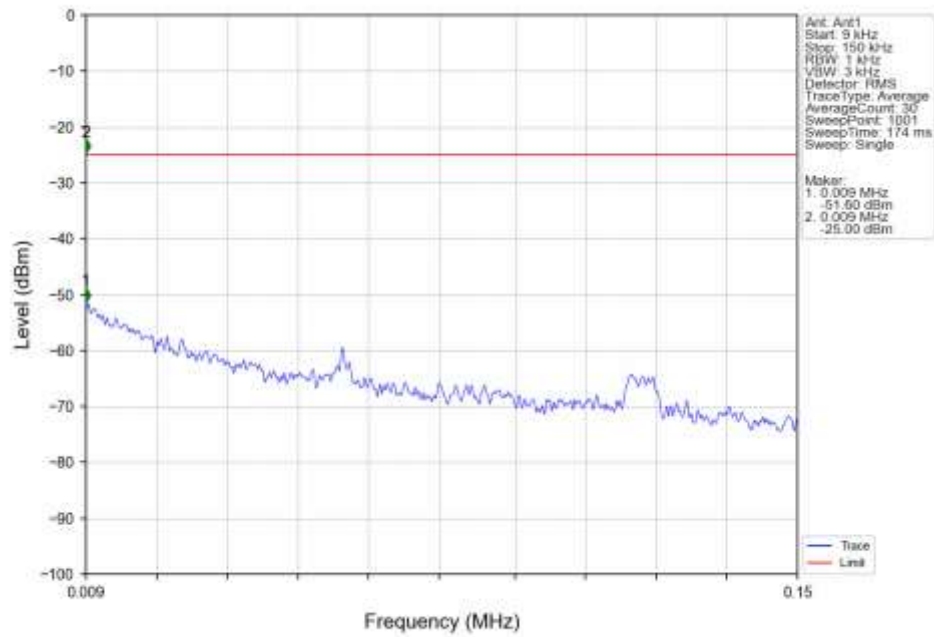


Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTNV

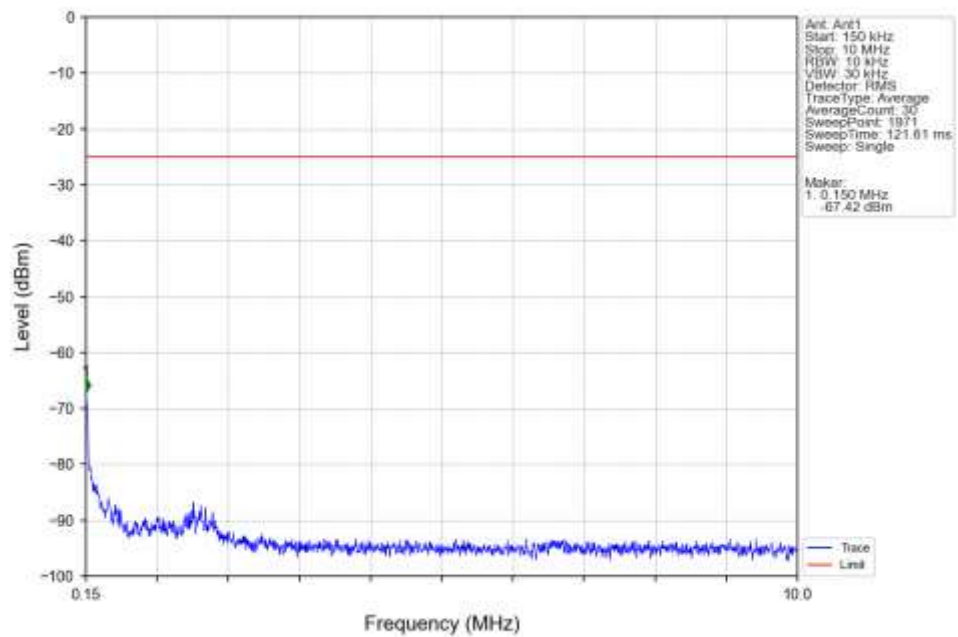


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.490   | -42.52      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.980   | -36.80      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2497.300   | -34.14      | -10         | Pass   |
| 2499        | 2500       | 0.305     | CHP    | 4          | 2499.970   | -33.95      | -10         | Pass   |
| 2500        | 2515       | 0.305     | CHP    | /          | /          | /           | /           | /      |

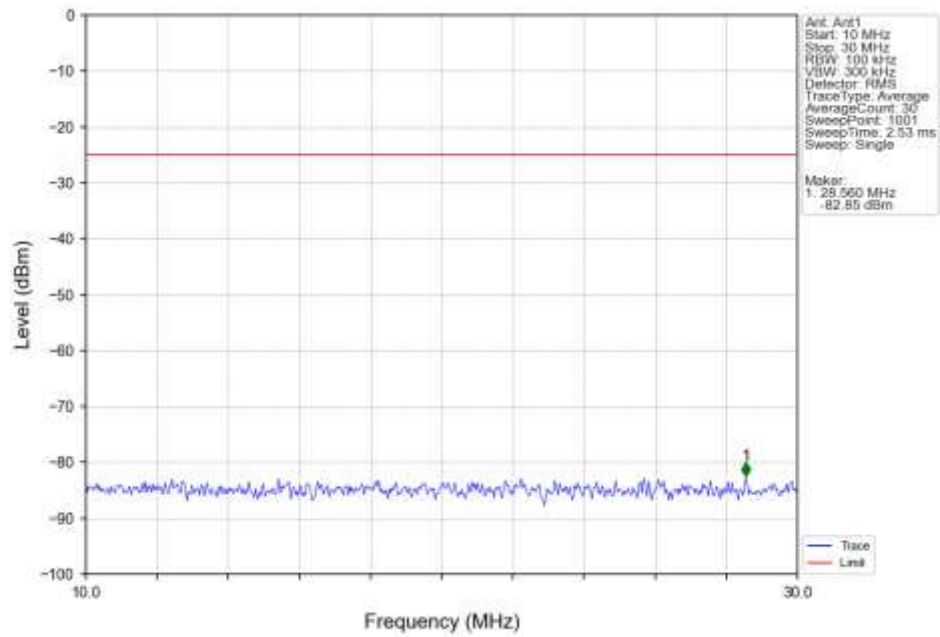
Band7 15MHz 16QAM MCH 2535MHz RB 1 0 NTNV



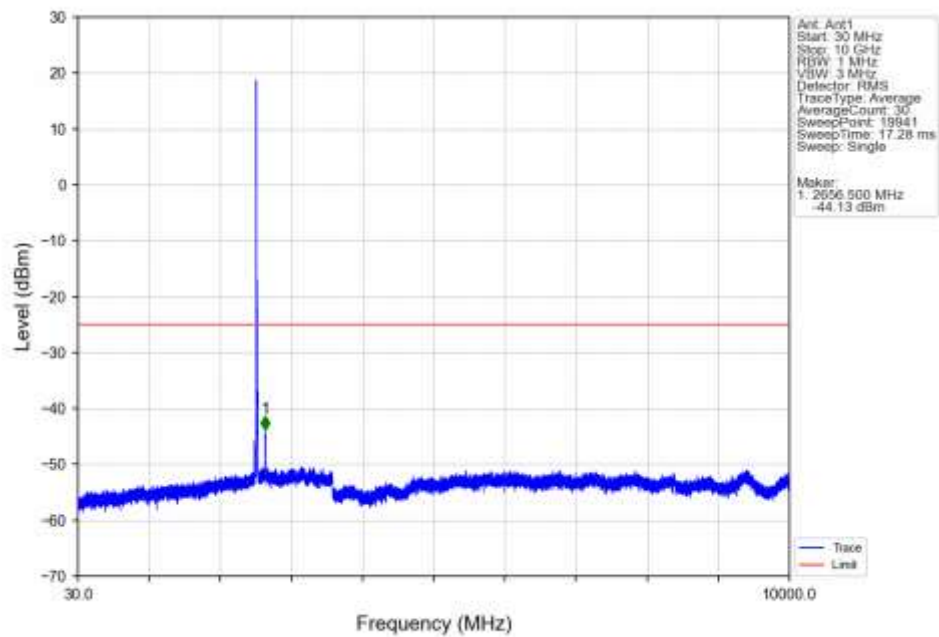
Band7 15MHz 16QAM MCH 2535MHz RB 1 0 NTNV



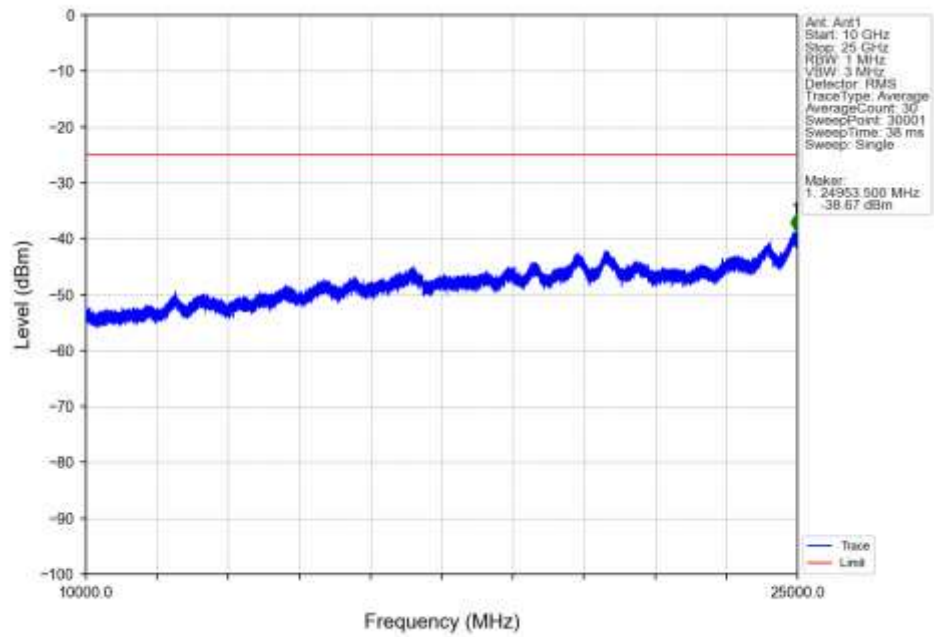
Band7 15MHz 16QAM MCH 2535MHz RB 1 0 NTNV



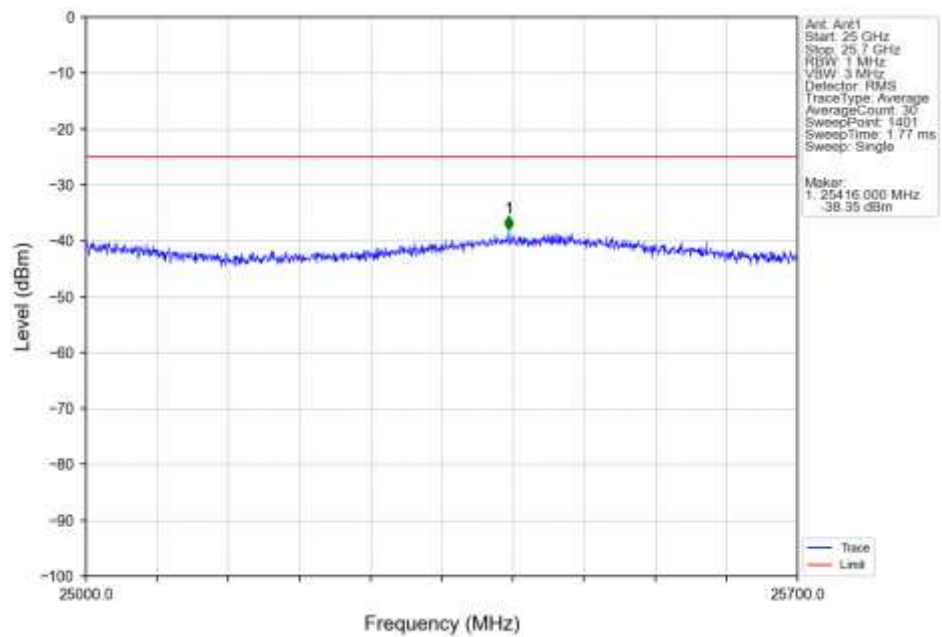
Band7 15MHz 16QAM MCH 2535MHz RB 1 0 NTNV



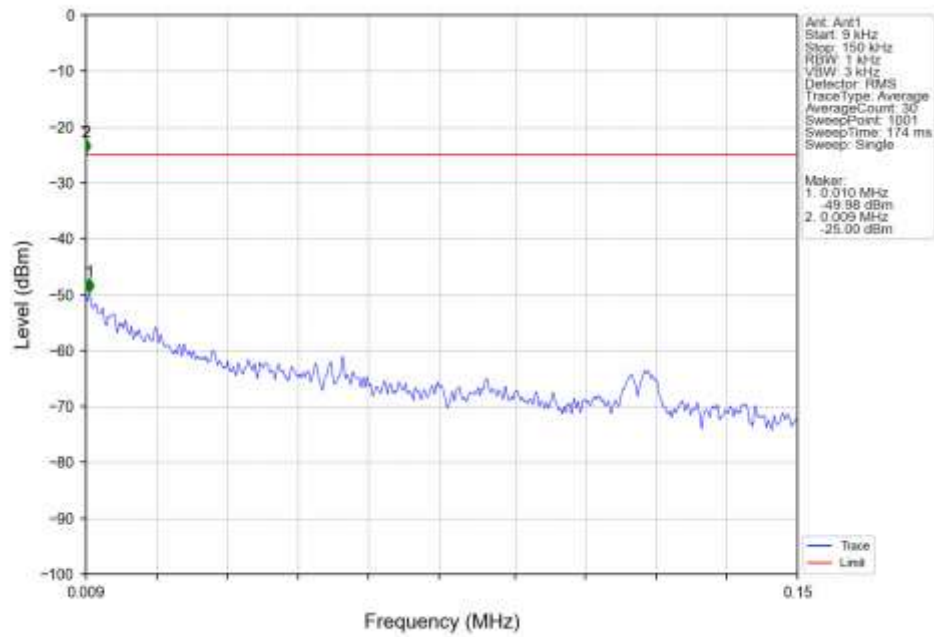
Band7 15MHz 16QAM MCH 2535MHz RB 1 0 NTNV



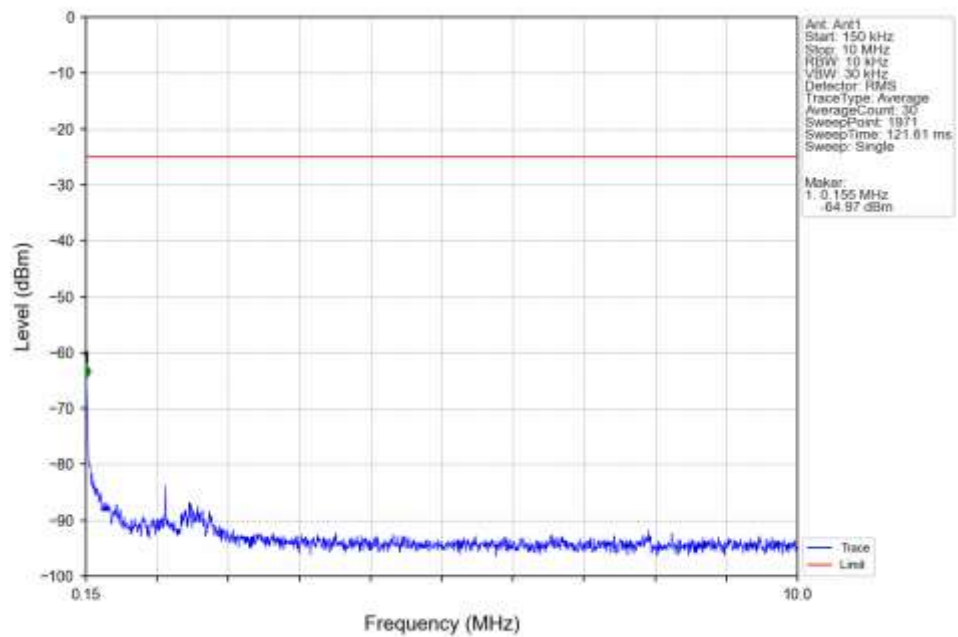
Band7 15MHz 16QAM MCH 2535MHz RB 1 0 NTNV



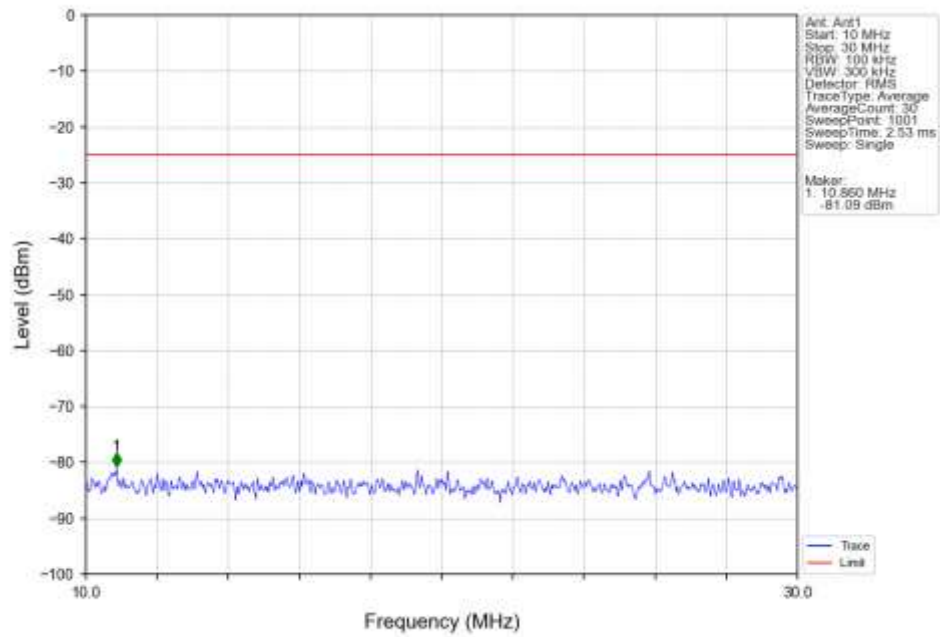
Band7 15MHz 16QAM HCH 2562.5MHz RB 1 0 NTNV



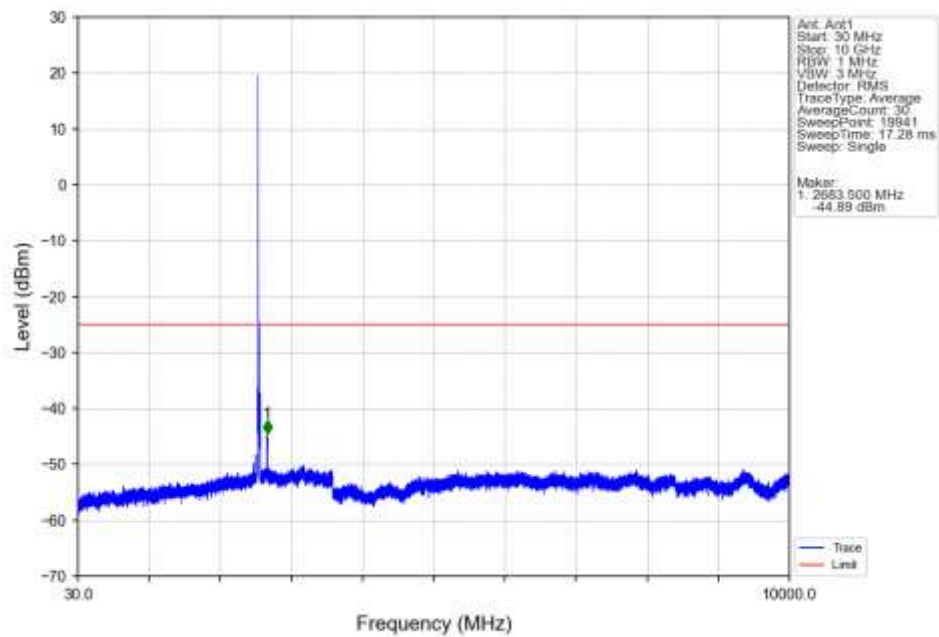
Band7 15MHz 16QAM HCH 2562.5MHz RB 1 0 NTNV



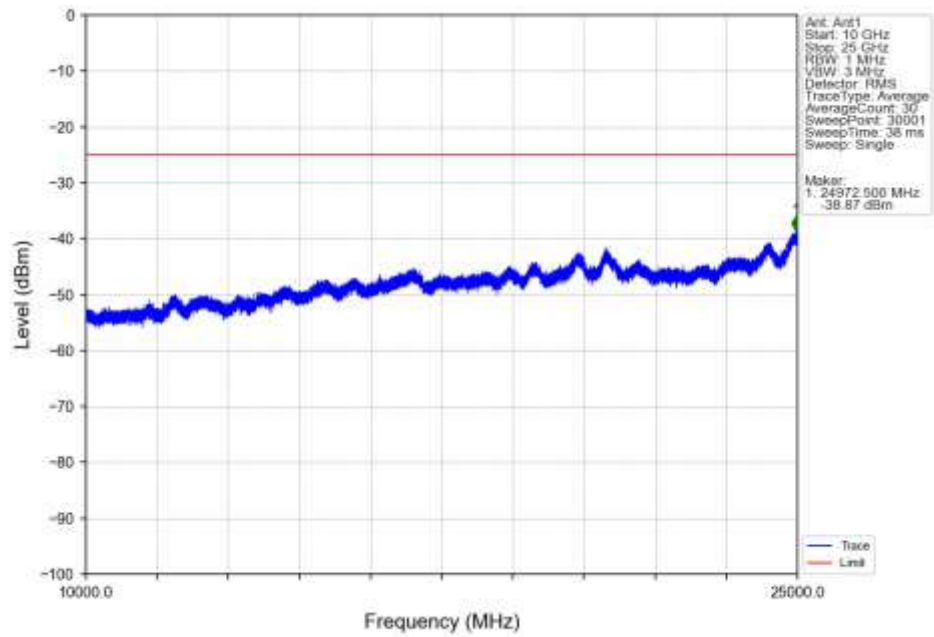
Band7 15MHz 16QAM HCH 2562.5MHz RB 1 0 NTNV



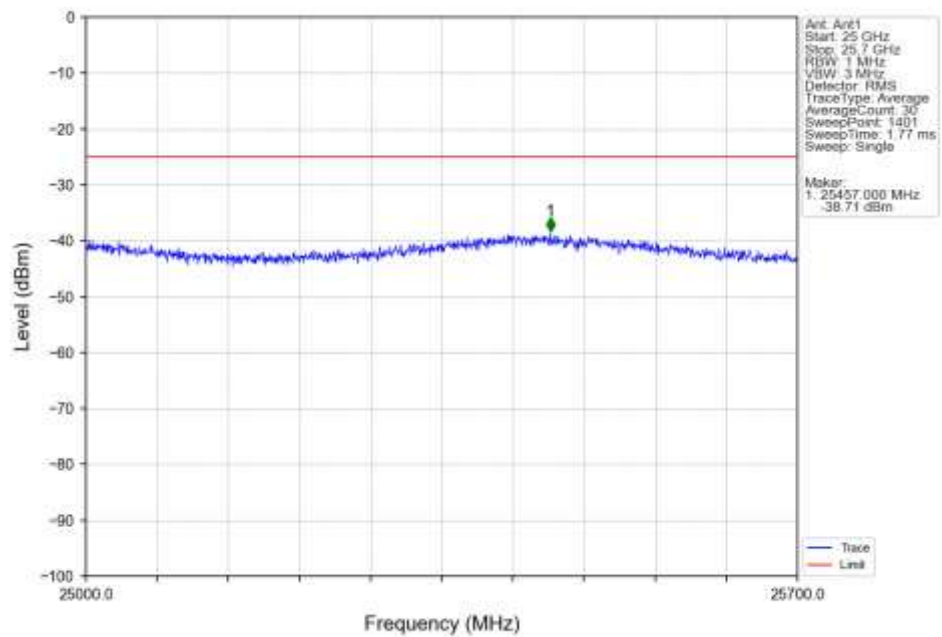
Band7 15MHz 16QAM HCH 2562.5MHz RB 1 0 NTNV



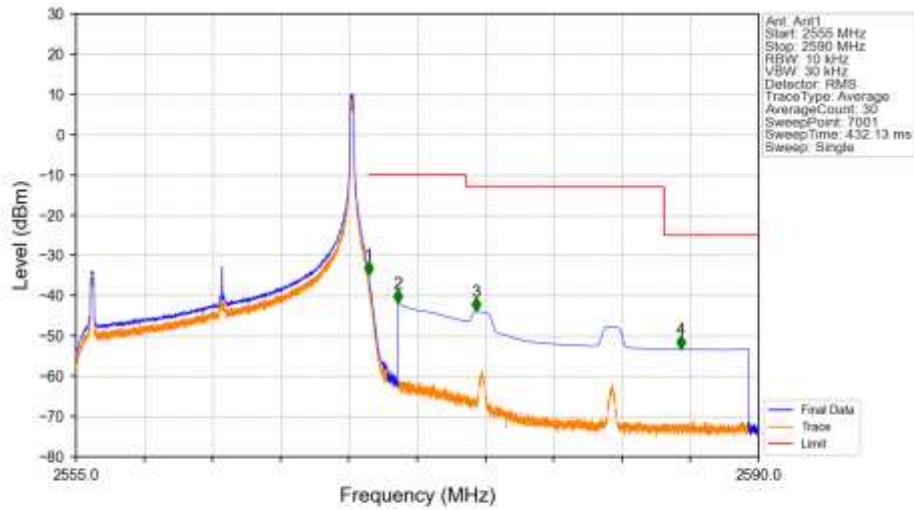
Band7 15MHz 16QAM HCH 2562.5MHz RB 1 0 NTNV



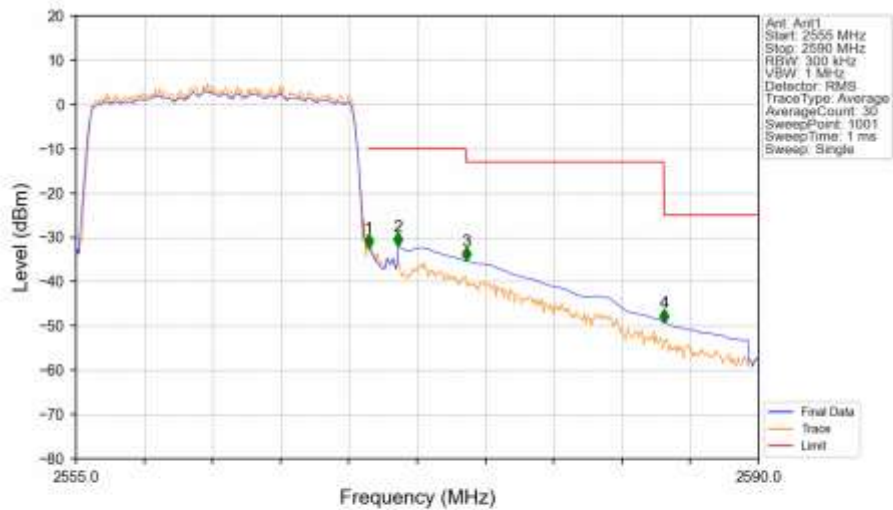
Band7 15MHz 16QAM HCH 2562.5MHz RB 1 0 NTNV



Band7 15MHz 16QAM HCH 2562.5MHz RB 1 74 NTNV

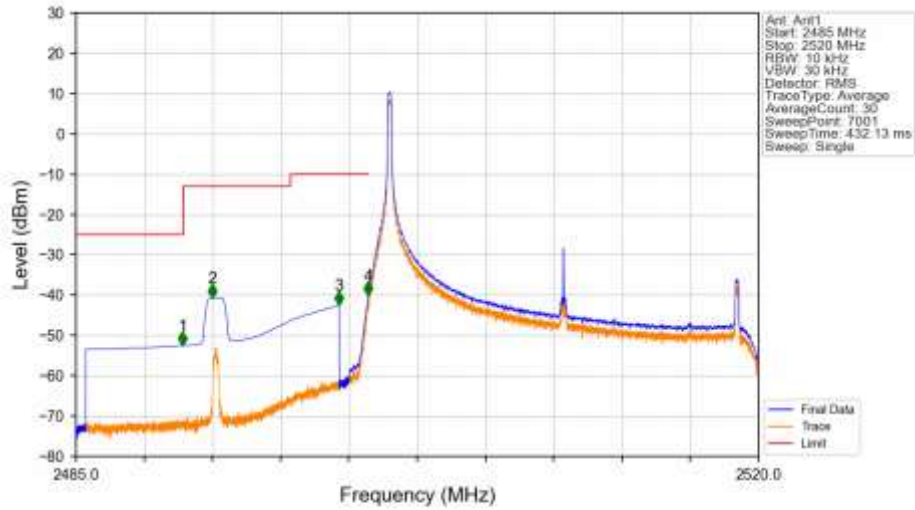


Band7 15MHz 16QAM HCH 2562.5MHz RB 75 0 NTNV



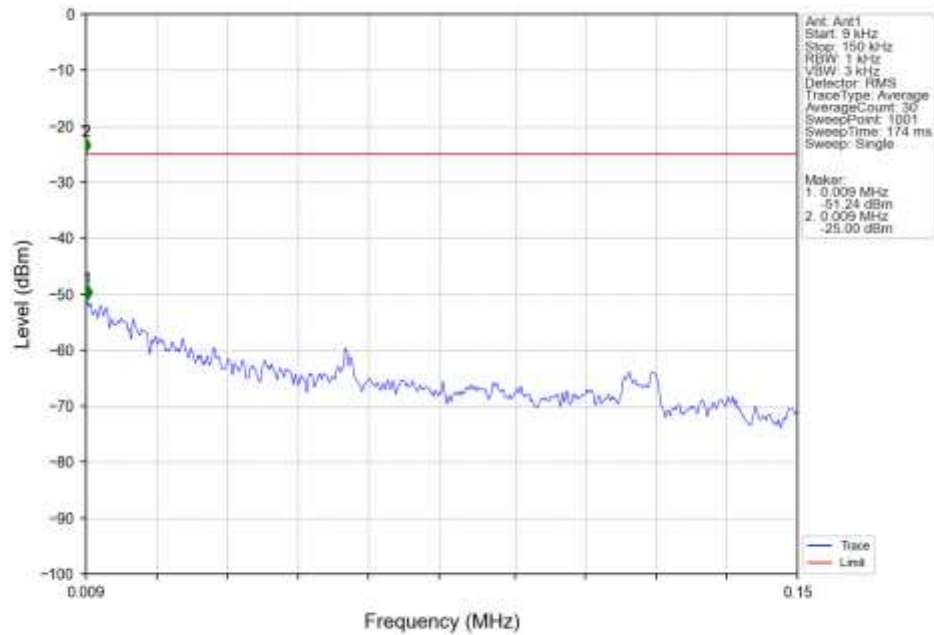
## 6.2.4 B7\_20MHz

Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_1\_0\_NTNV

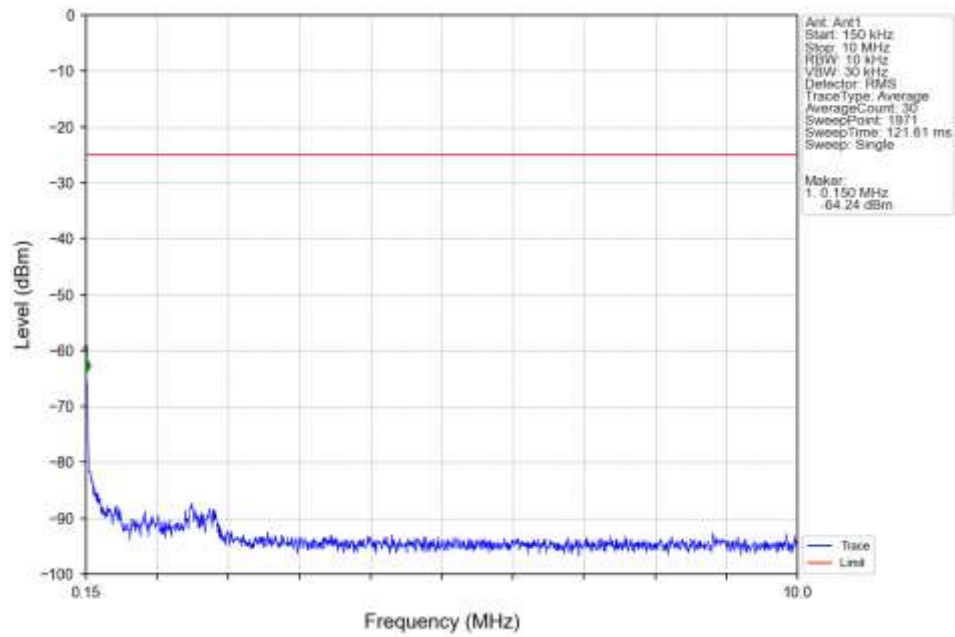


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.465   | -52.51      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2491.990   | -40.70      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2496.500   | -42.38      | -10         | Pass   |
| 2499        | 2500       | 0.02      | CHP    | 4          | 2499.995   | -40.04      | -10         | Pass   |
| 2500        | 2520       | 0.02      | CHP    | /          | /          | /           | /           | /      |

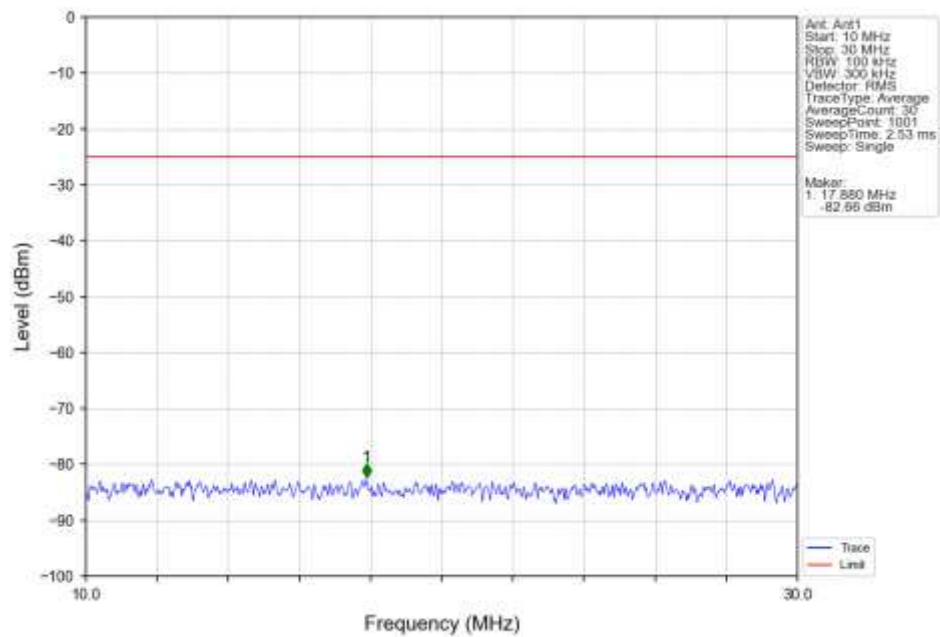
Band7\_20MHz\_QPSK\_LCH\_2510MHz\_RB\_1\_0\_NTNV



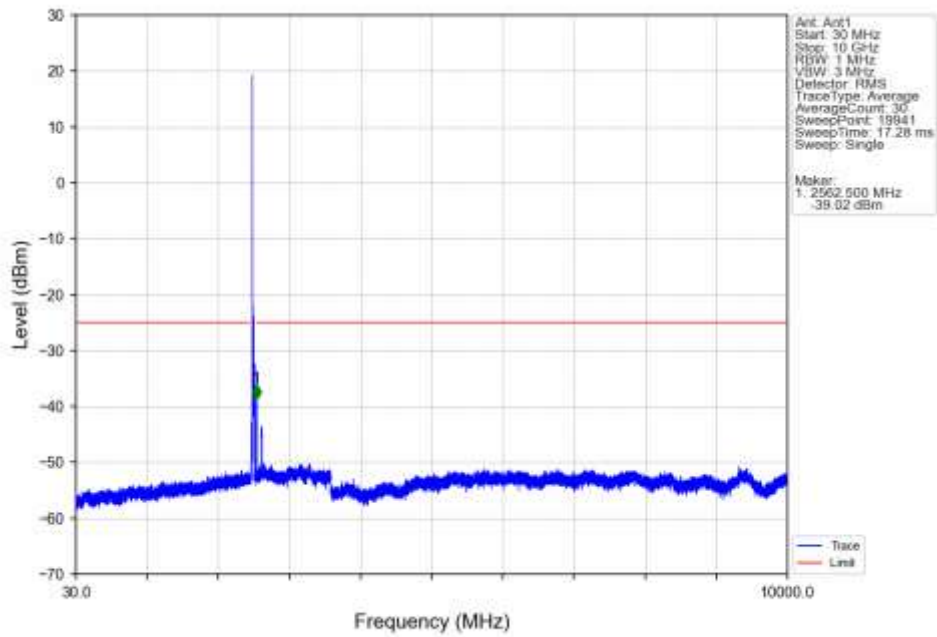
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTV



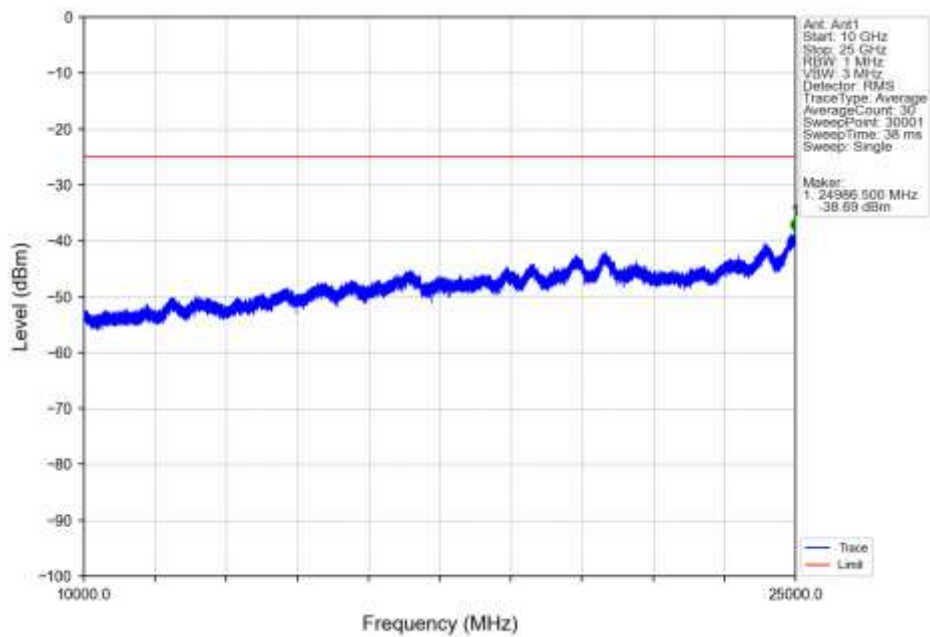
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTV



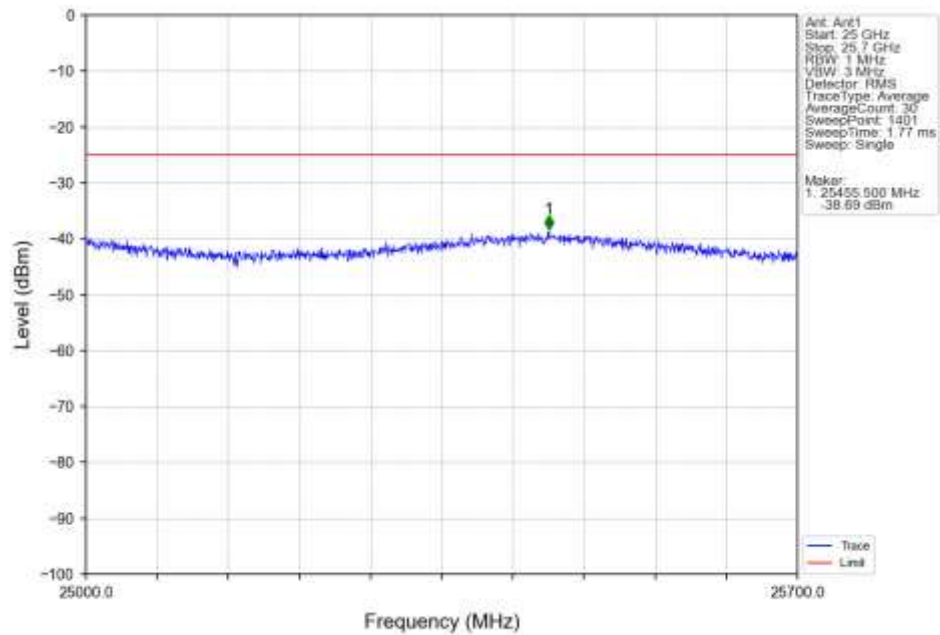
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTV



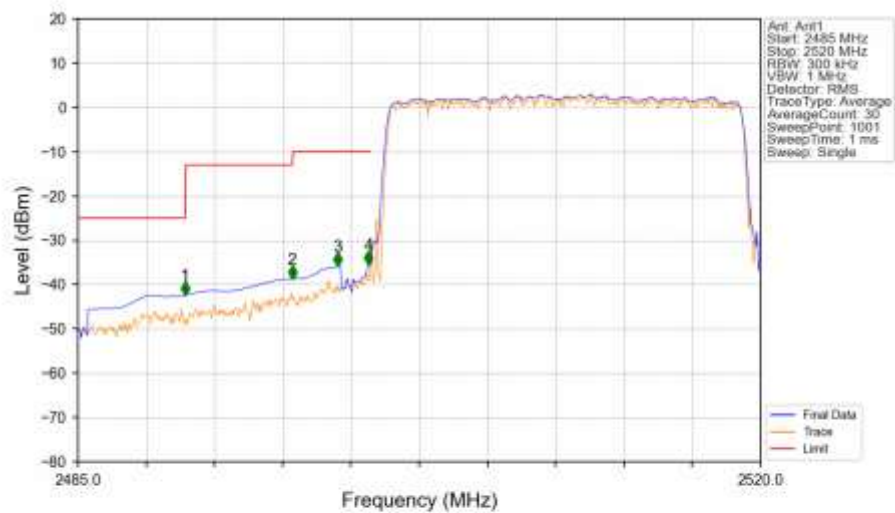
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTV



Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN

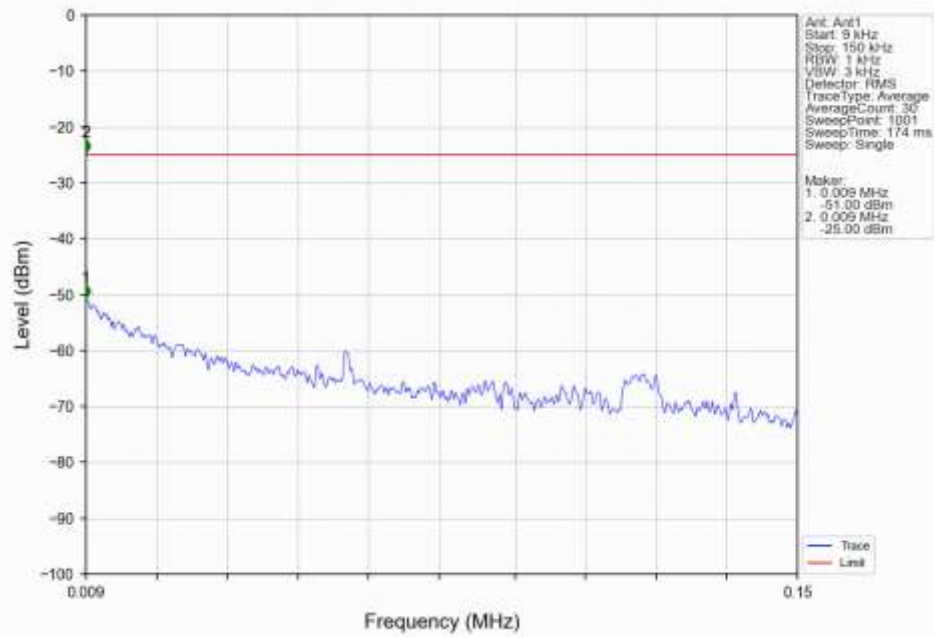


Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTN

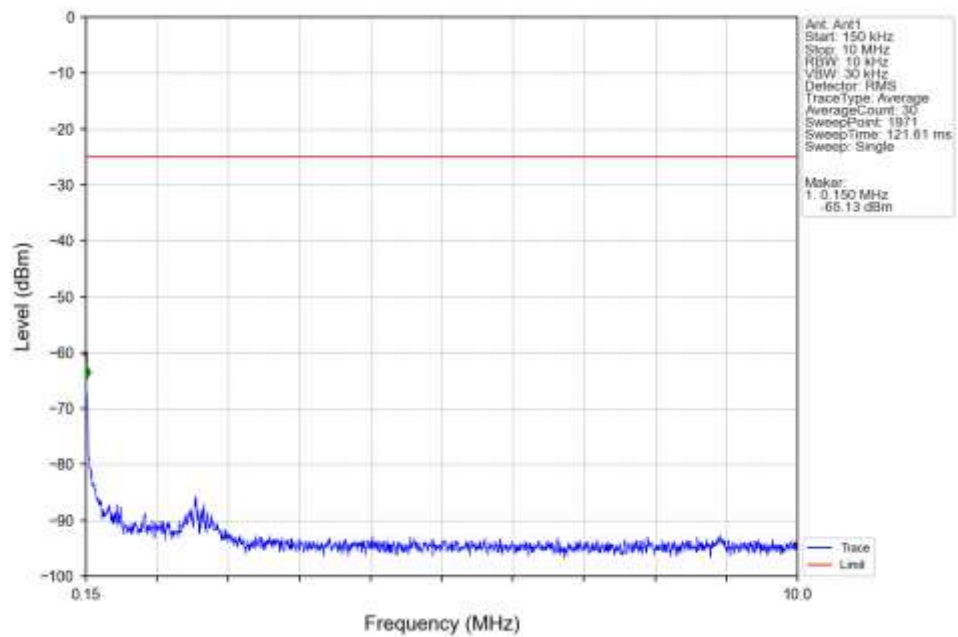


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2490.495   | -42.35      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.990   | -38.71      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.335   | -35.88      | -10         | Pass   |
| 2499        | 2500       | 0.402     | CHP    | 4          | 2499.910   | -35.52      | -10         | Pass   |
| 2500        | 2520       | 0.402     | CHP    | /          | /          | /           | /           | /      |

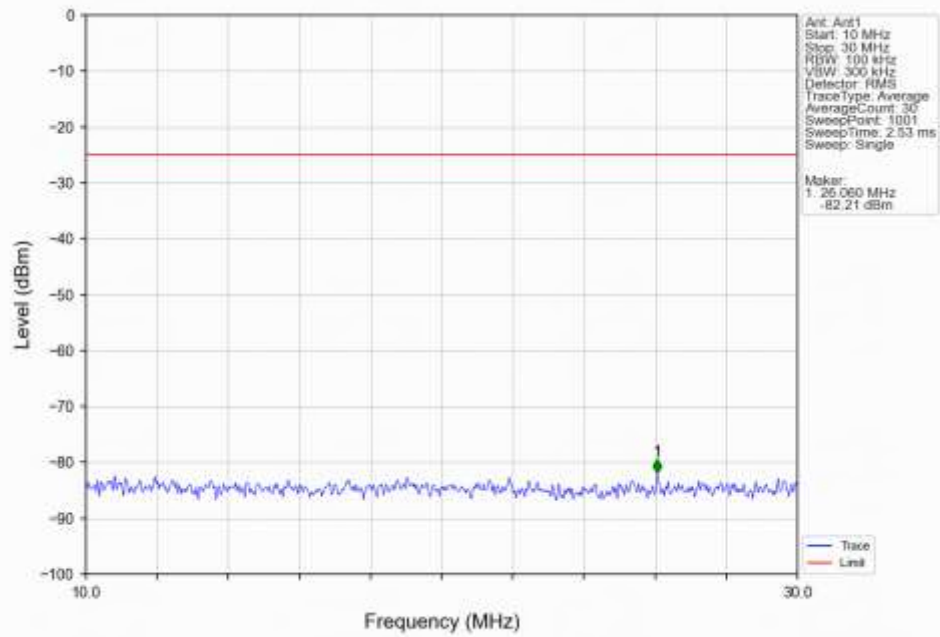
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTN



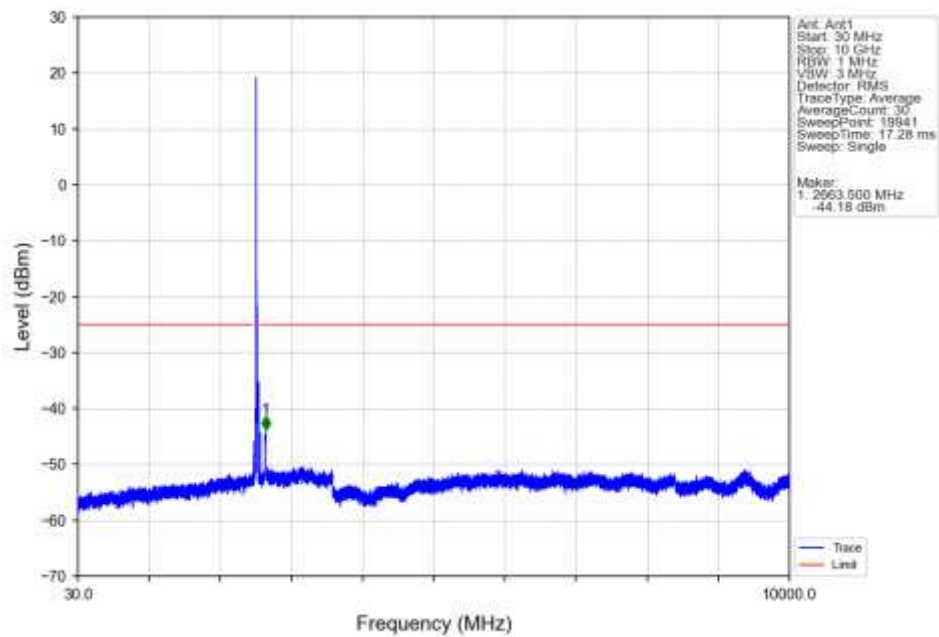
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTN



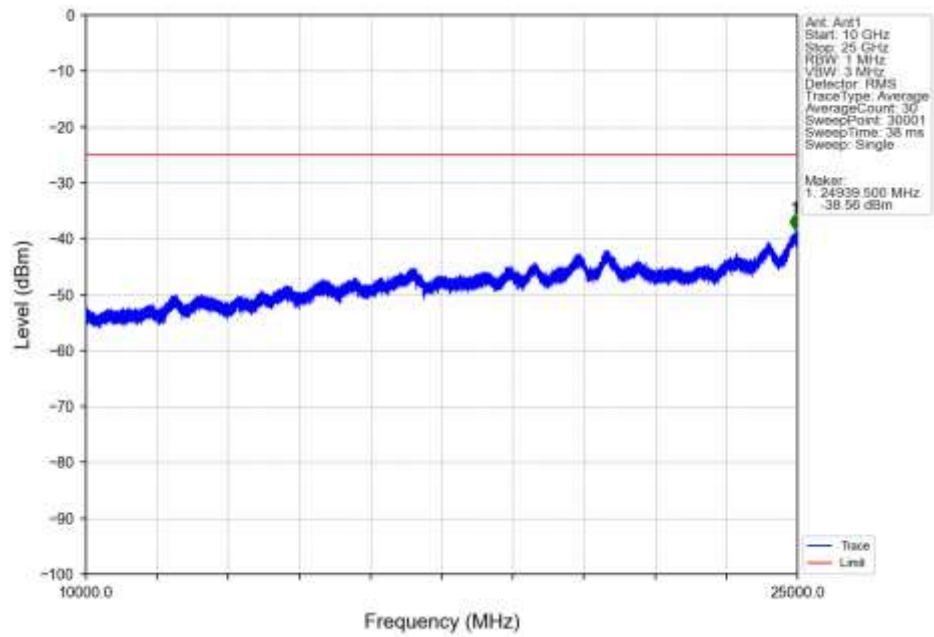
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



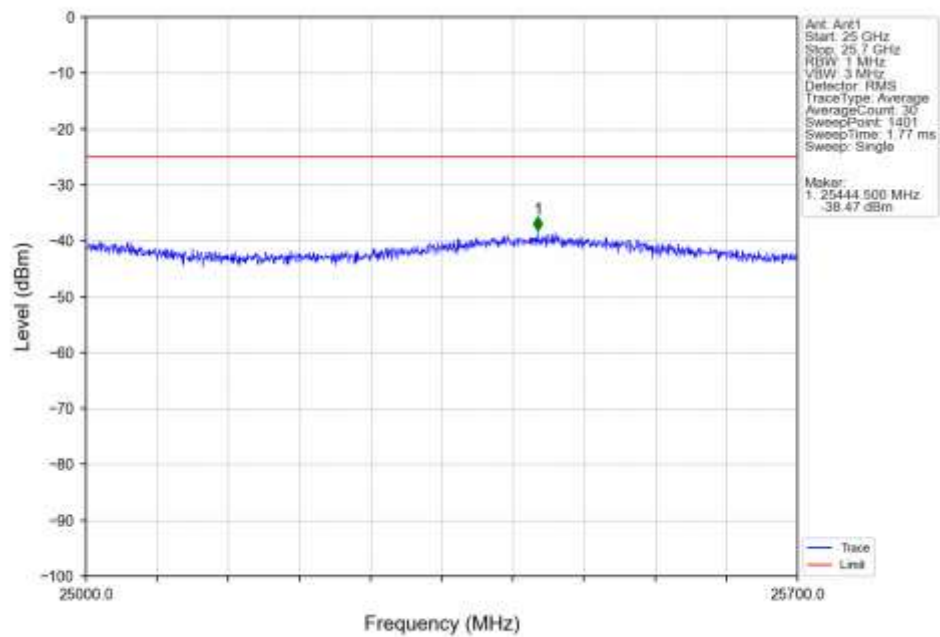
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



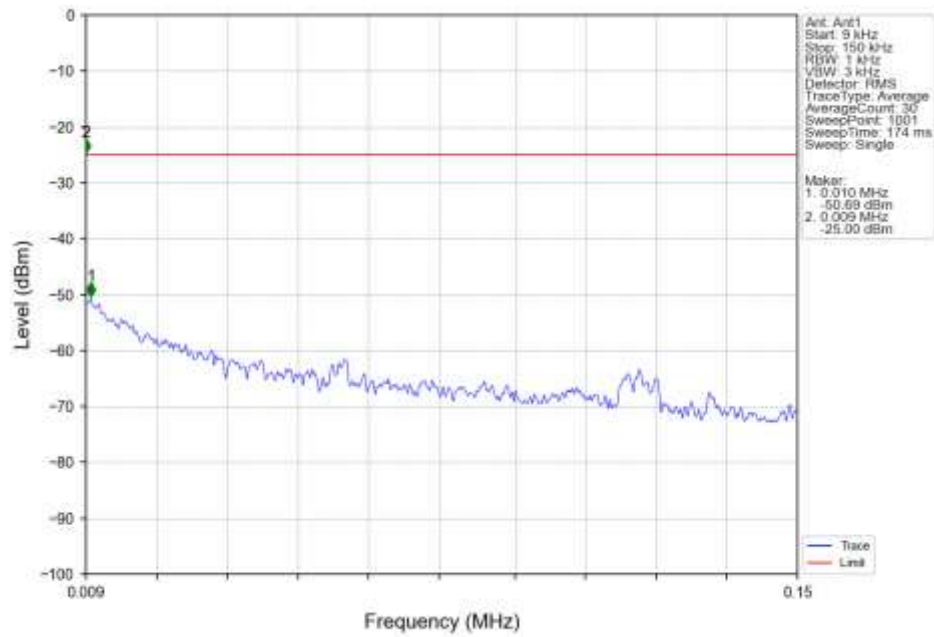
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



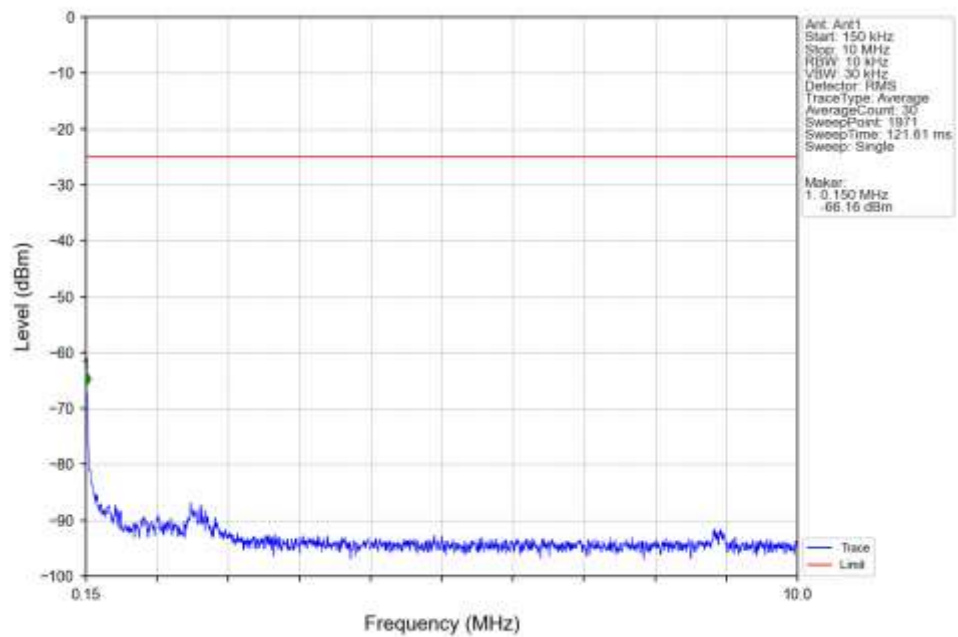
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



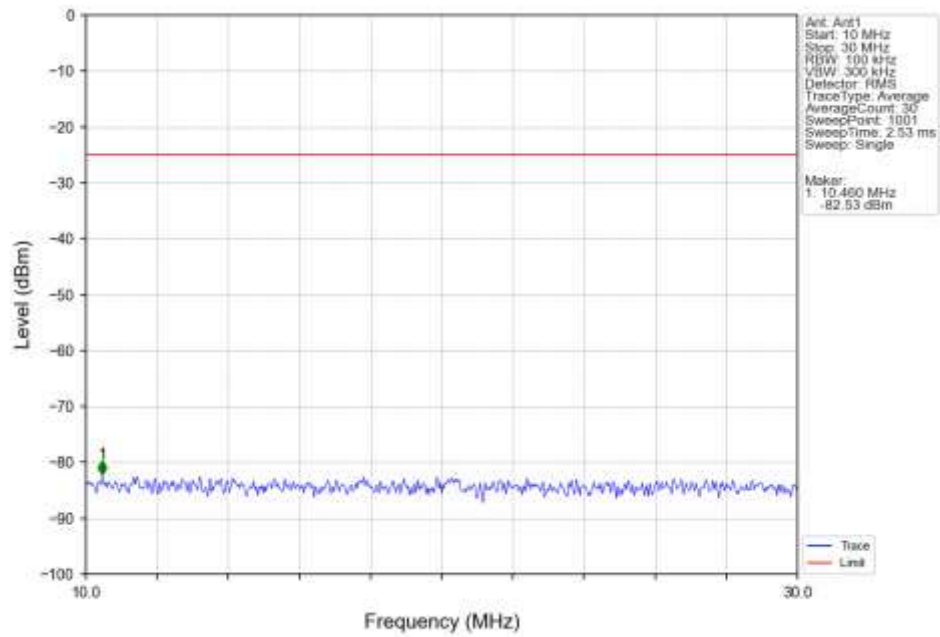
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV



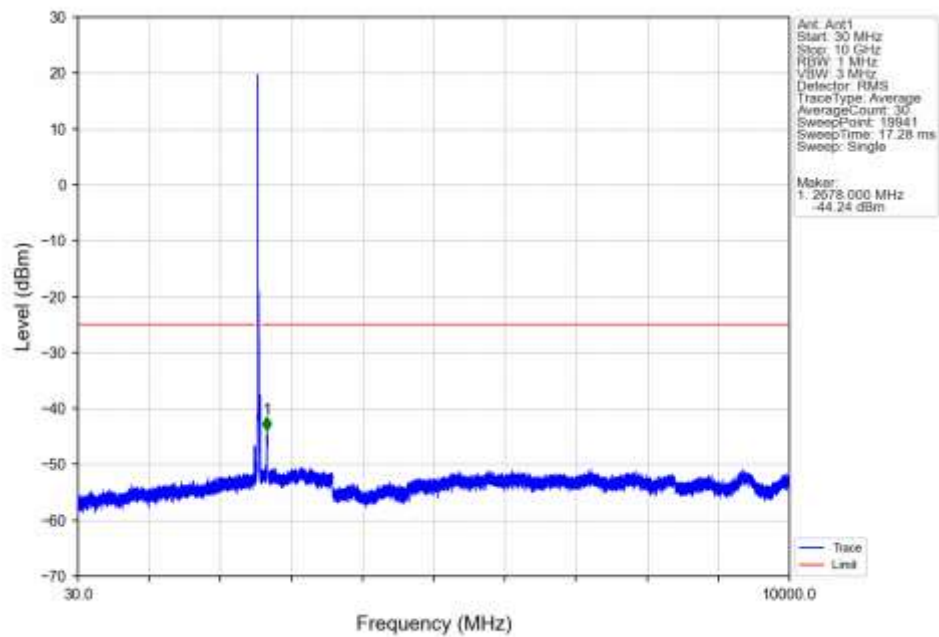
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV



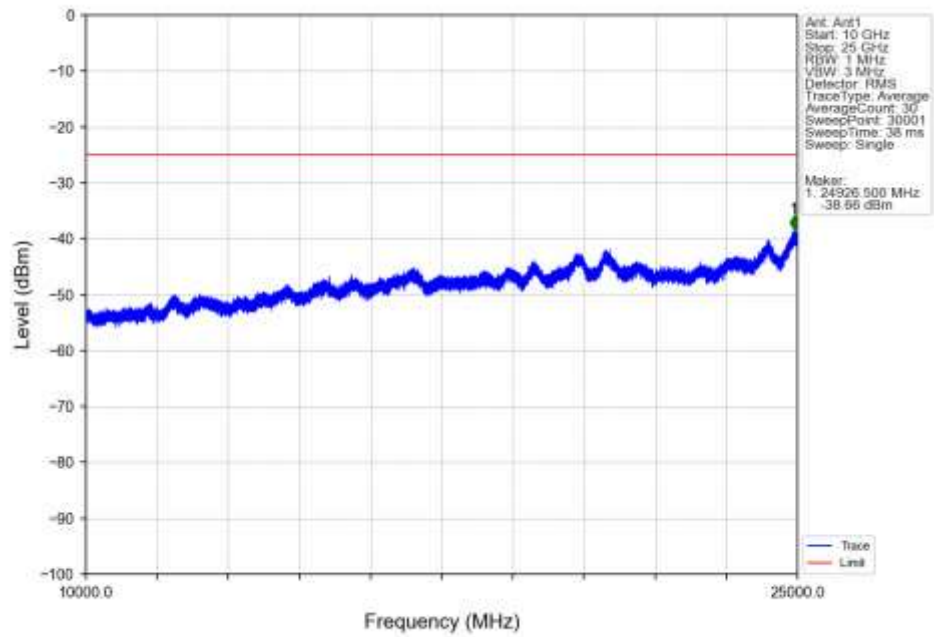
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV



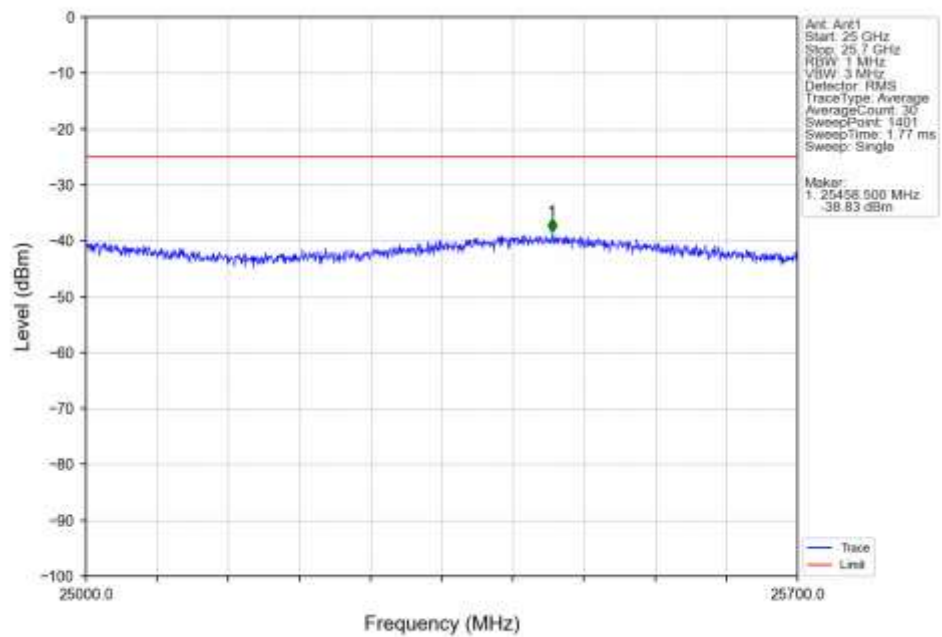
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV



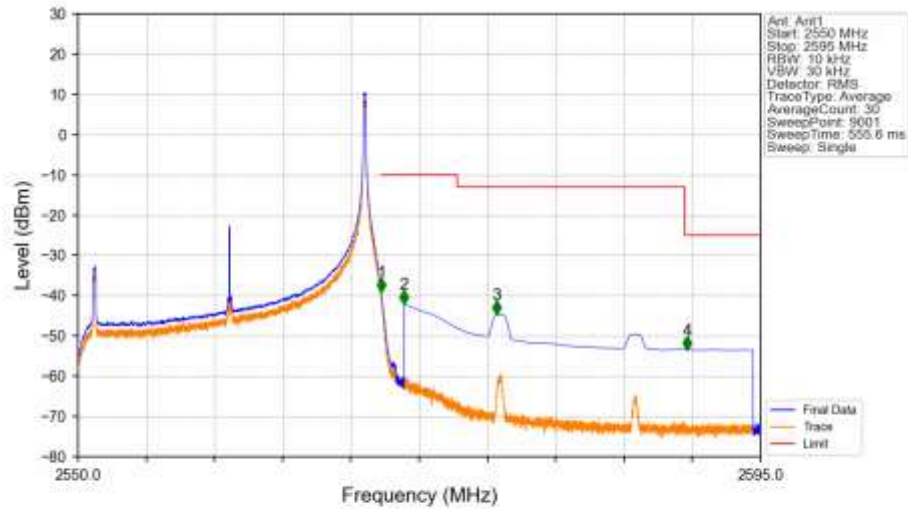
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV



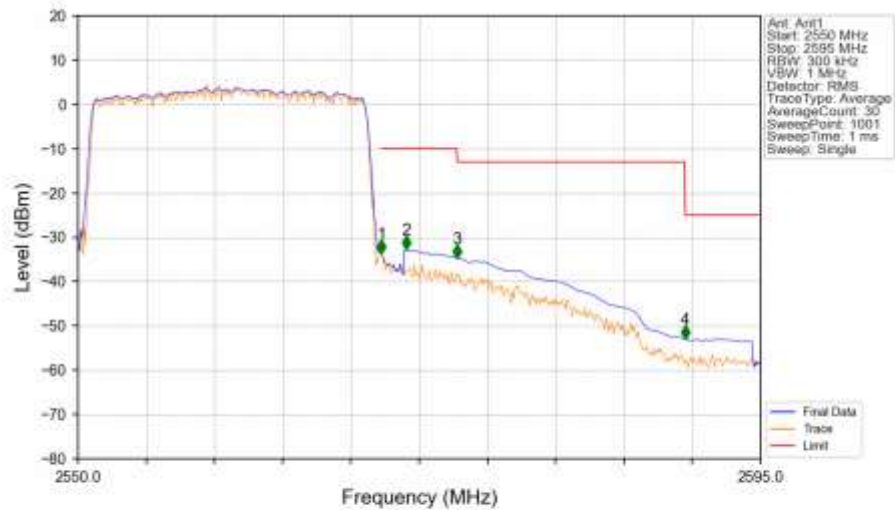
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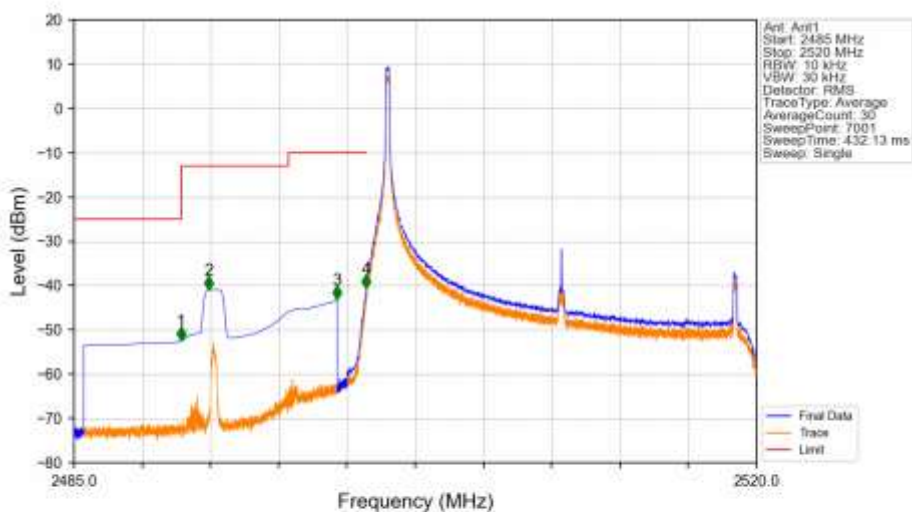
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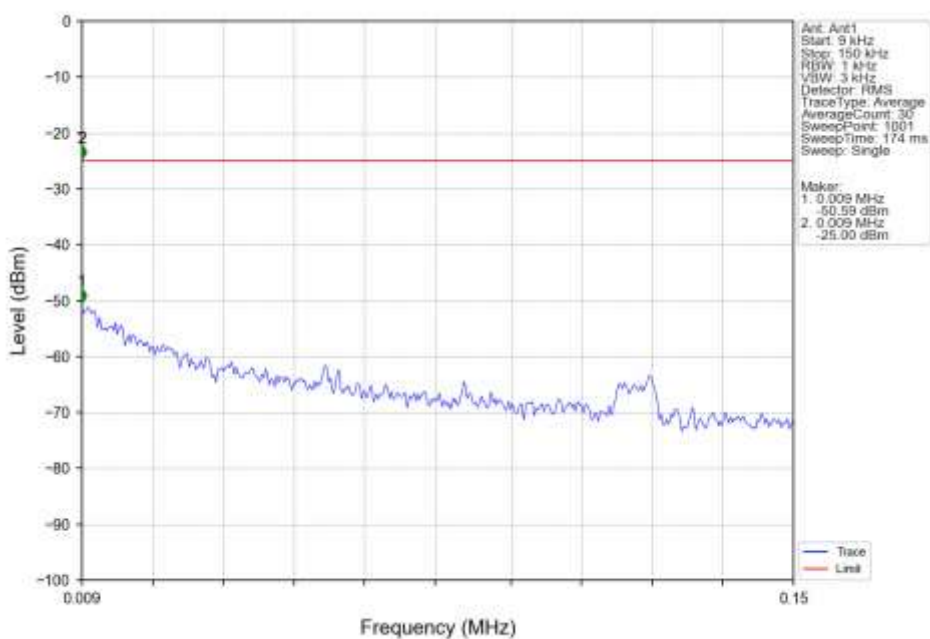
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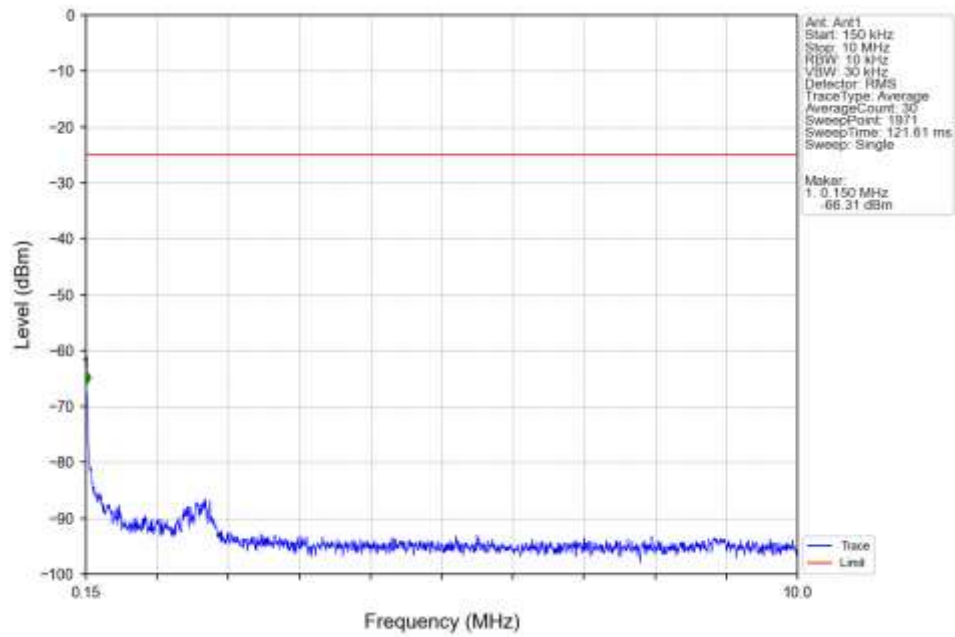
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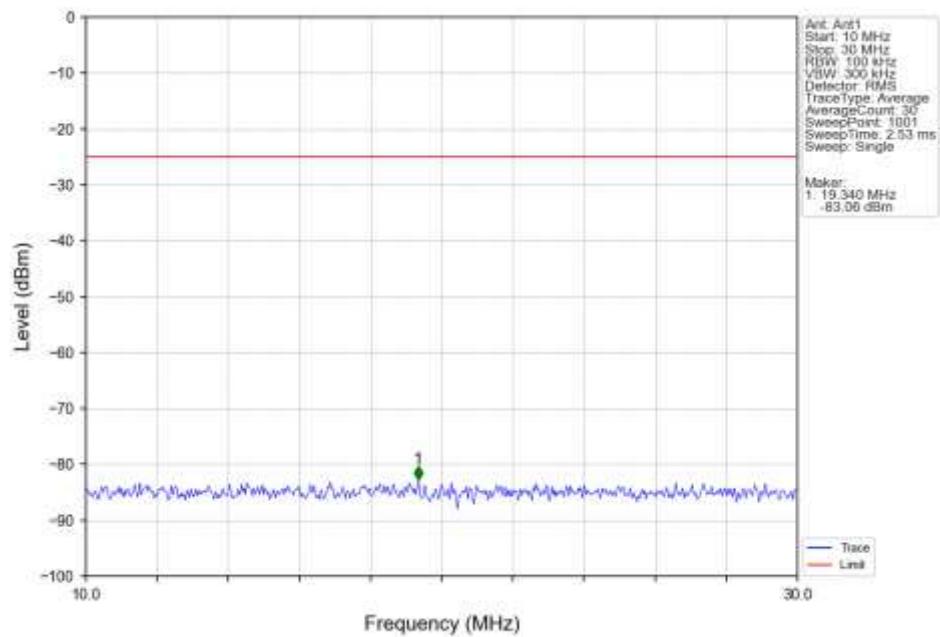
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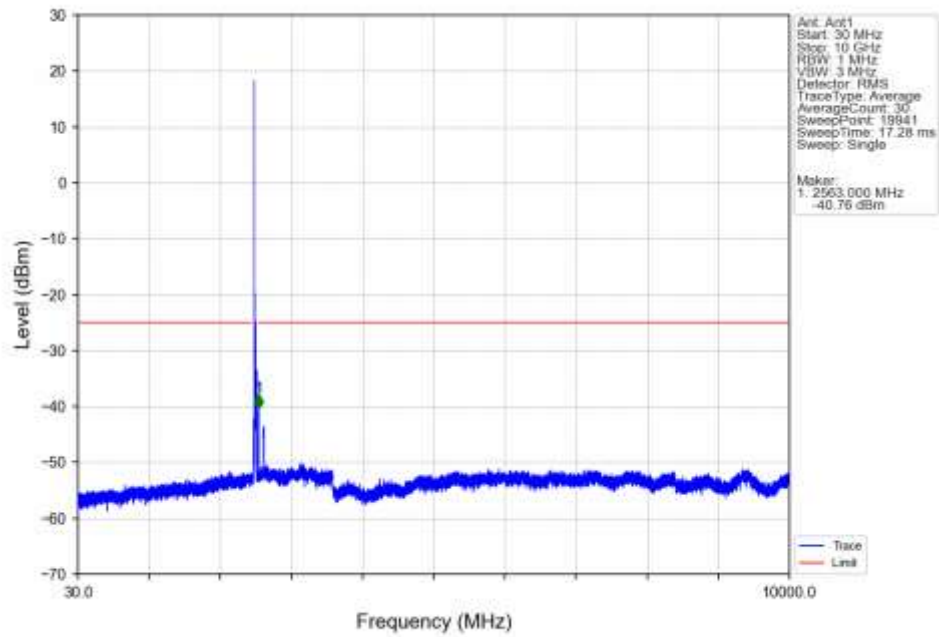
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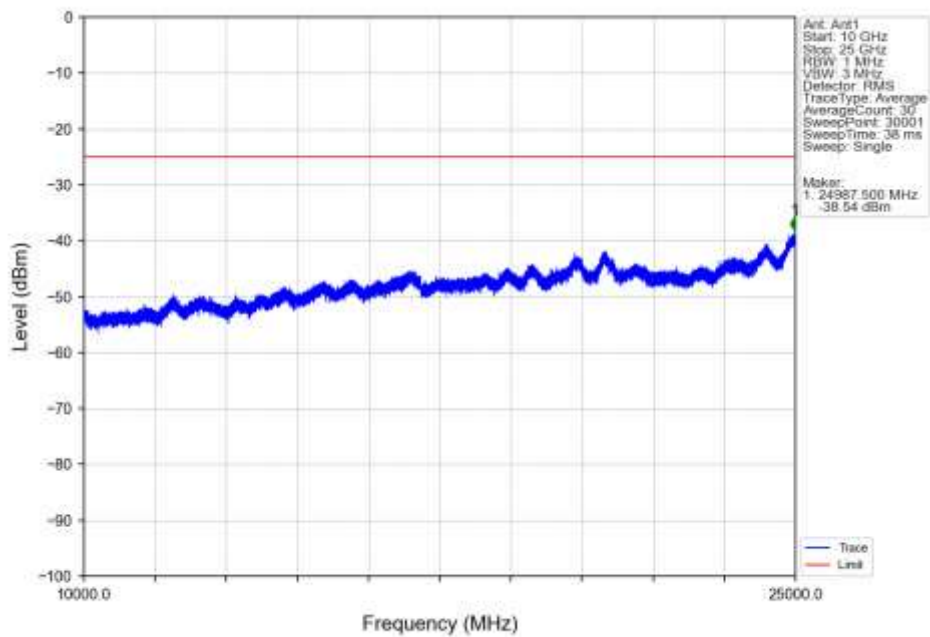
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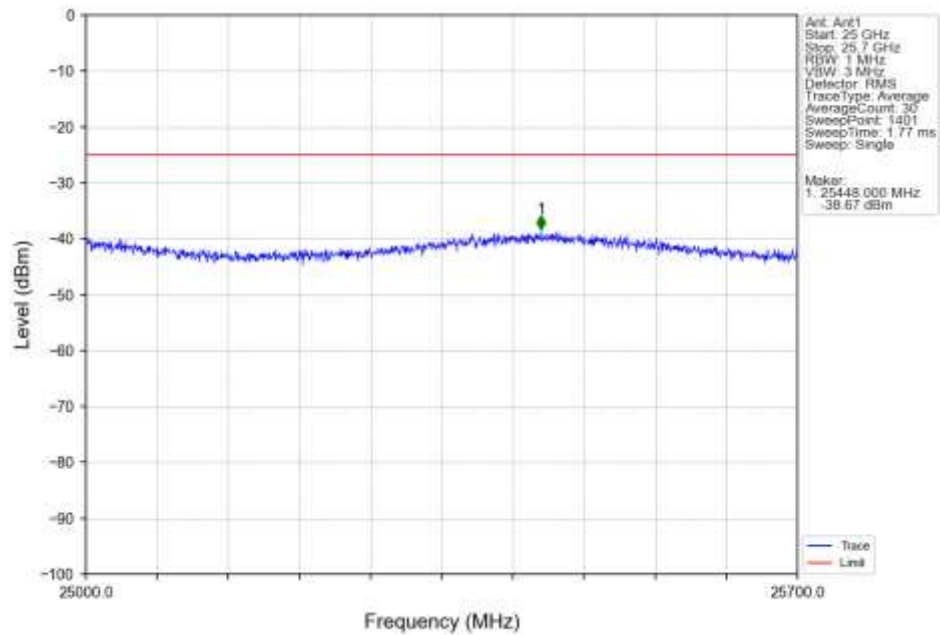
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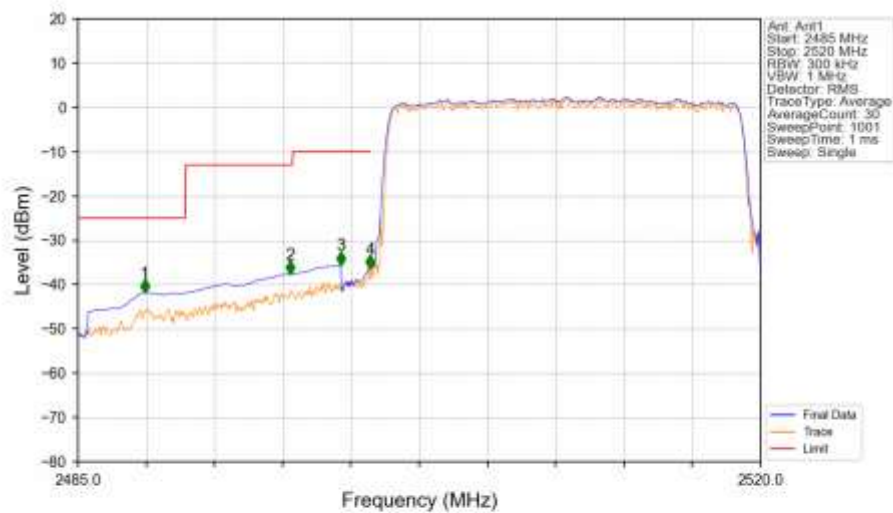
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Band7 20MHz 16QAM LCH 2510MHz RB 1 0 NTNV

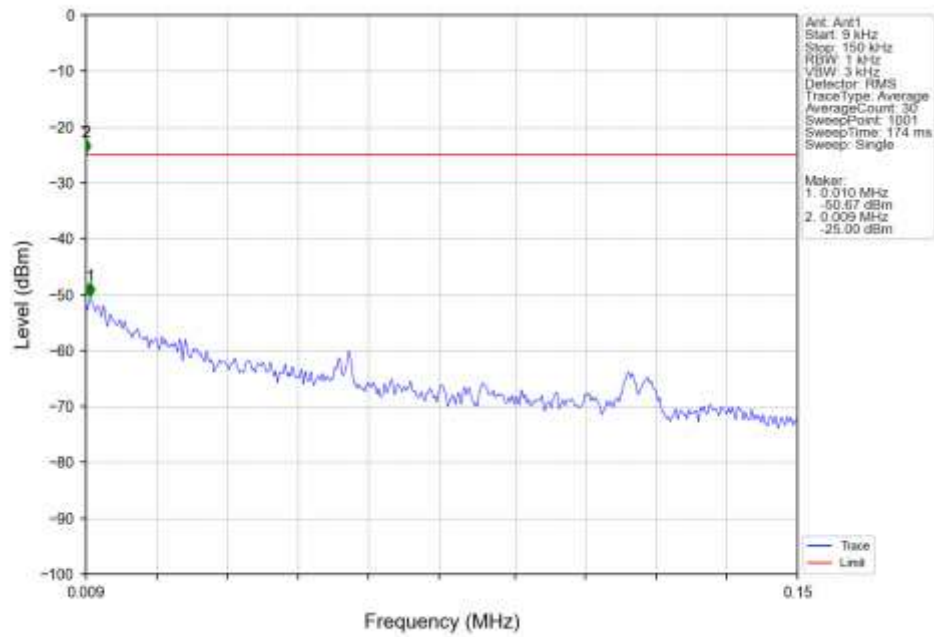


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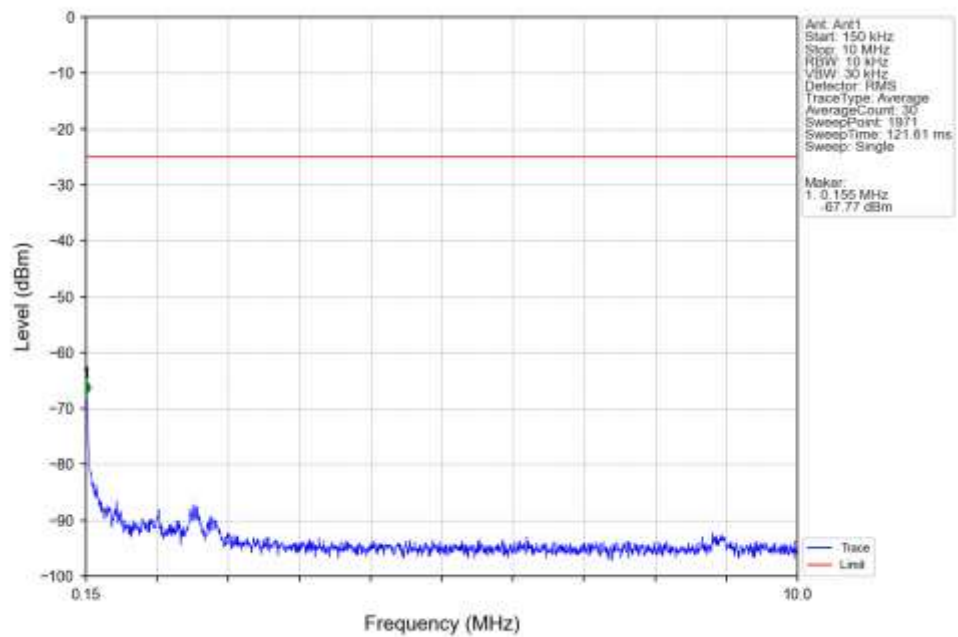


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 2485        | 2490.5     | 1         | CHP    | 1          | 2486.430   | -41.82      | -25         | Pass   |
| 2490.5      | 2496       | 1         | CHP    | 2          | 2495.885   | -37.61      | -13         | Pass   |
| 2496        | 2499       | 1         | CHP    | 3          | 2498.475   | -35.59      | -10         | Pass   |
| 2499        | 2500       | 0.402     | CHP    | 4          | 2499.980   | -36.45      | -10         | Pass   |
| 2500        | 2520       | 0.402     | CHP    | /          | /          | /           | /           | /      |

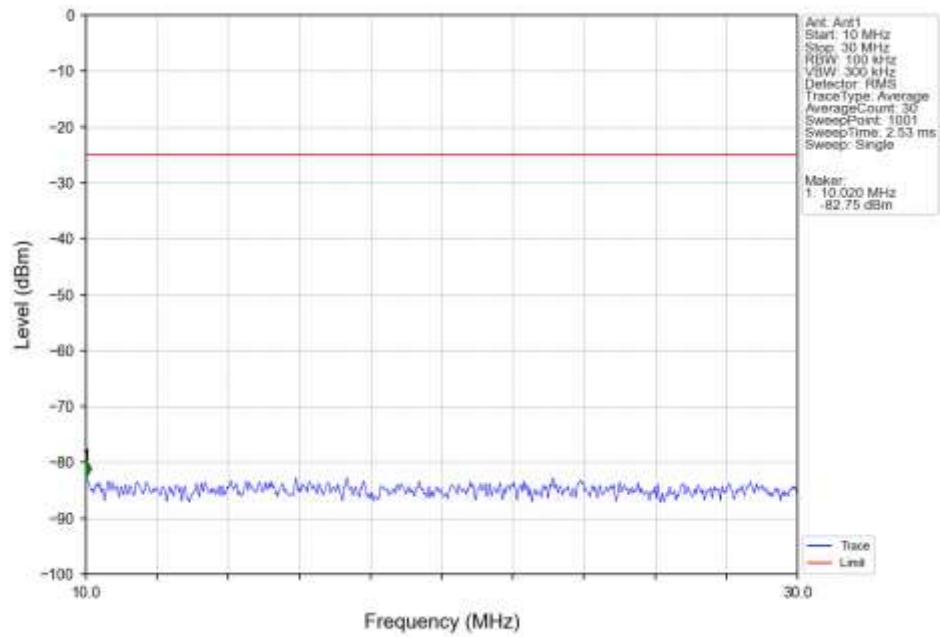
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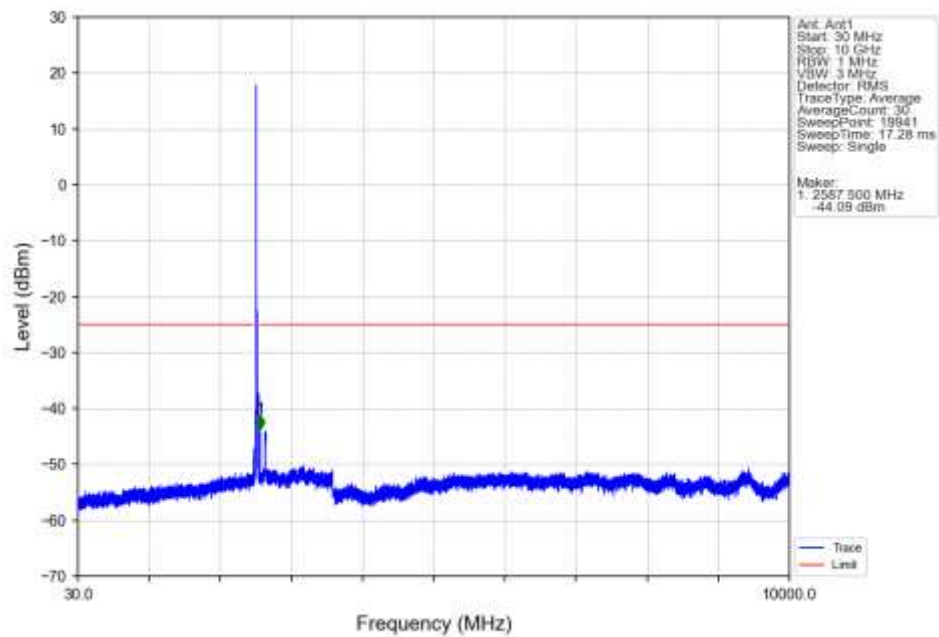
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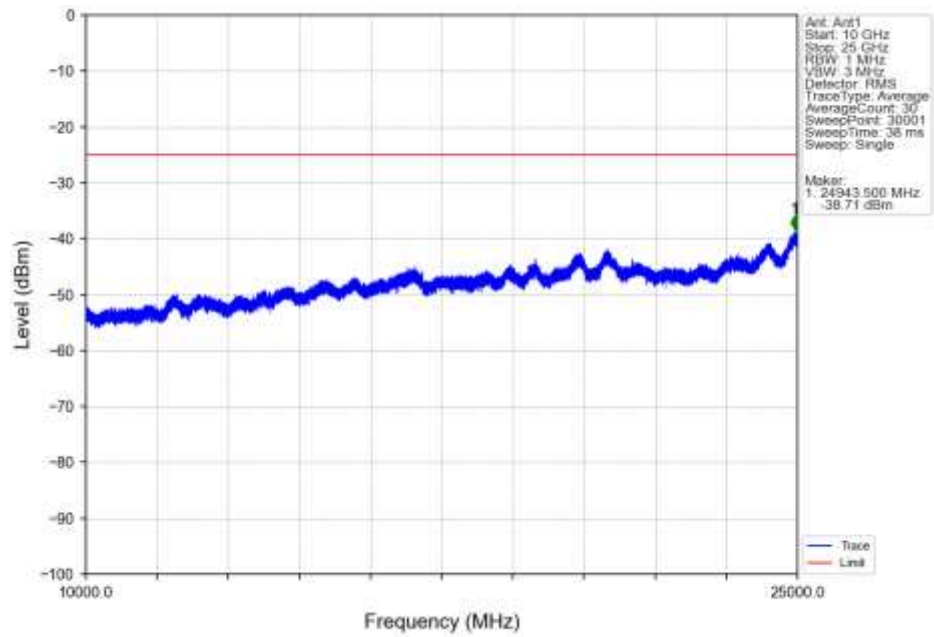
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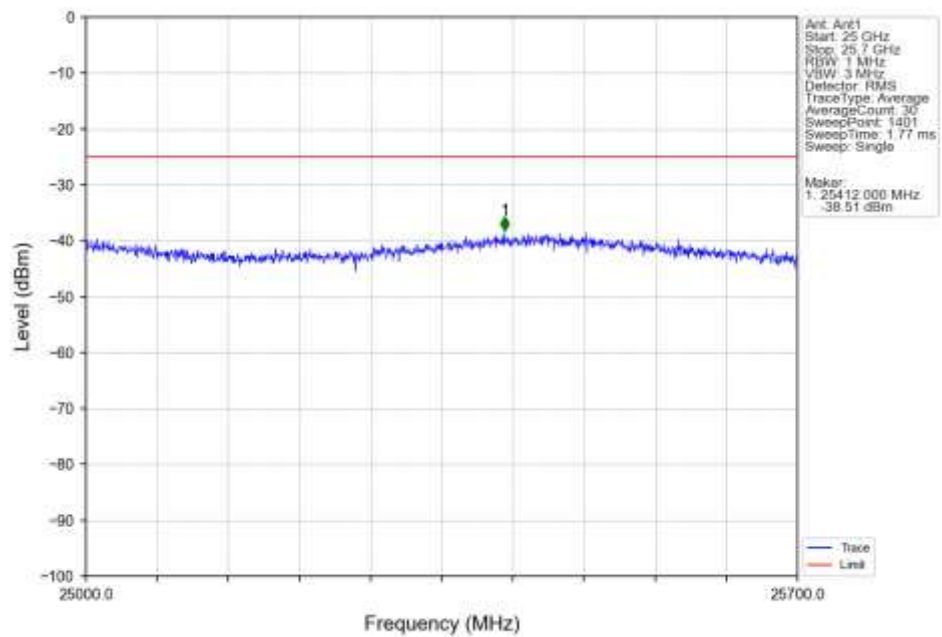
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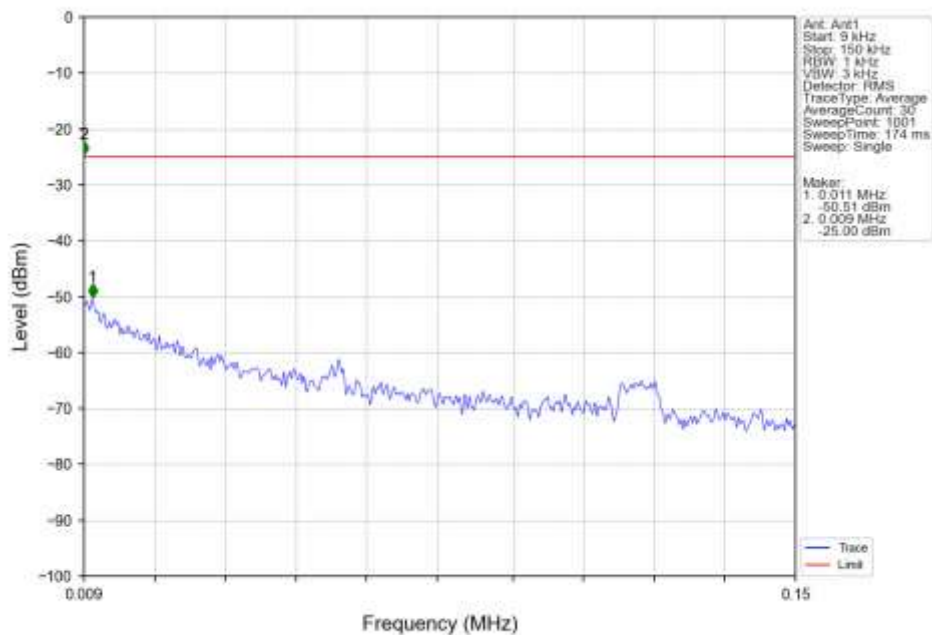
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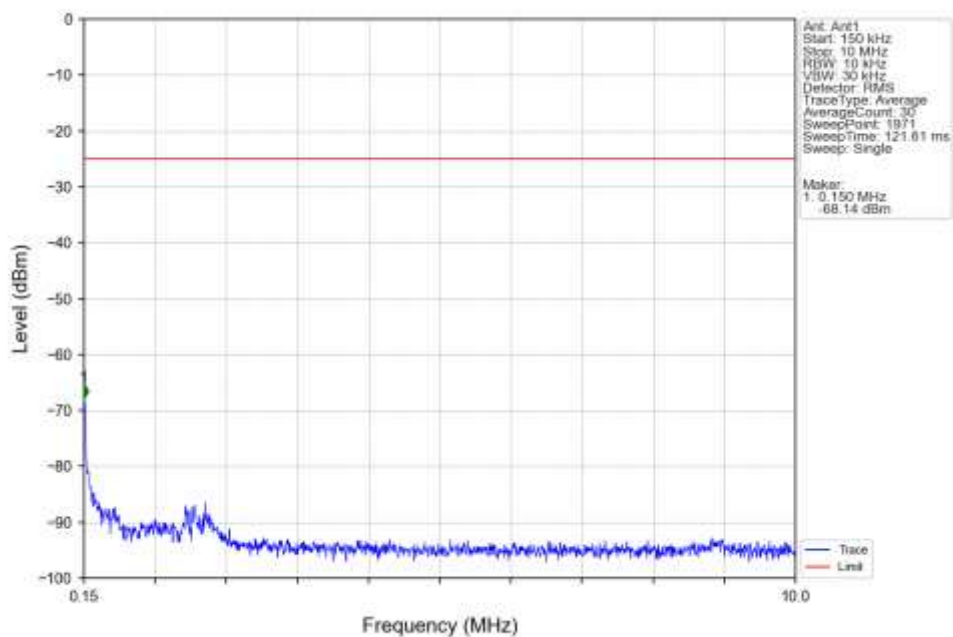
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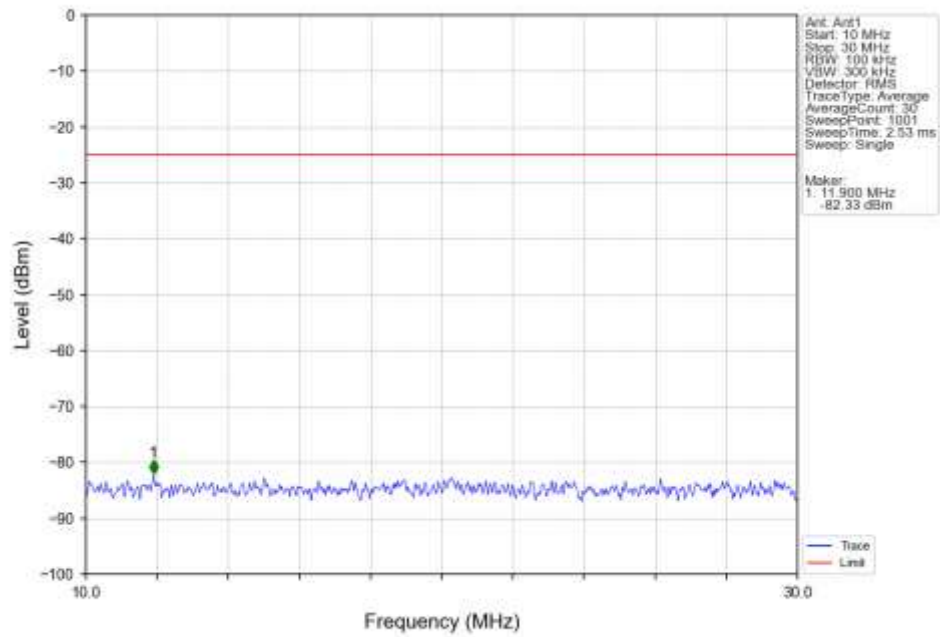
Band7 20MHz 16QAM HCH 2560MHz RB 1 0 NTNV



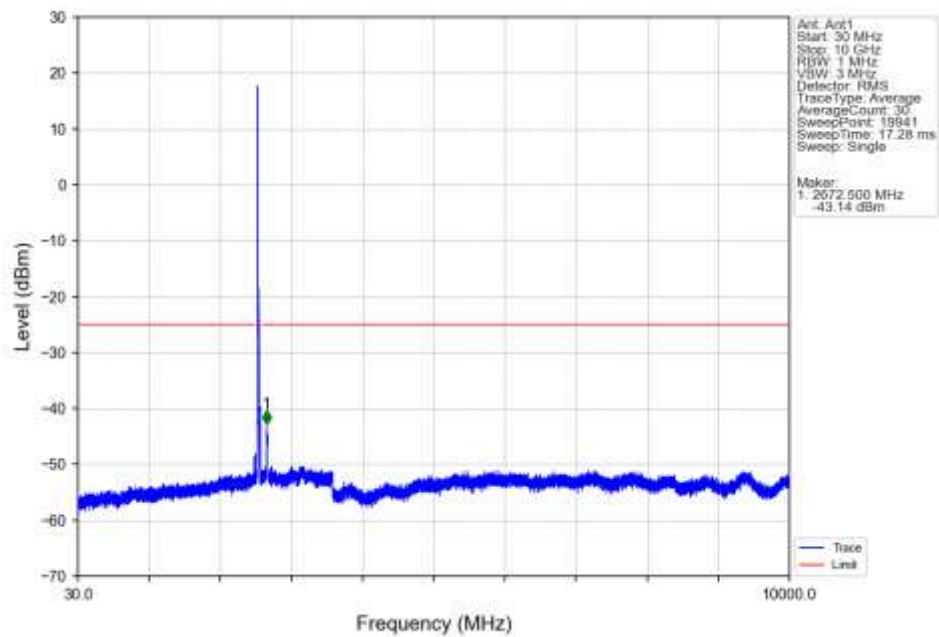
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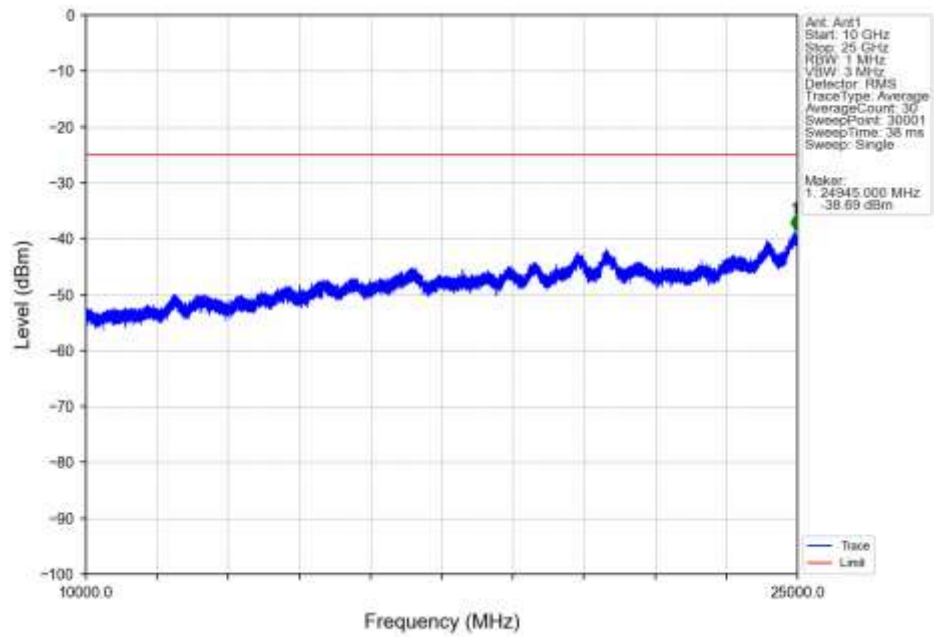
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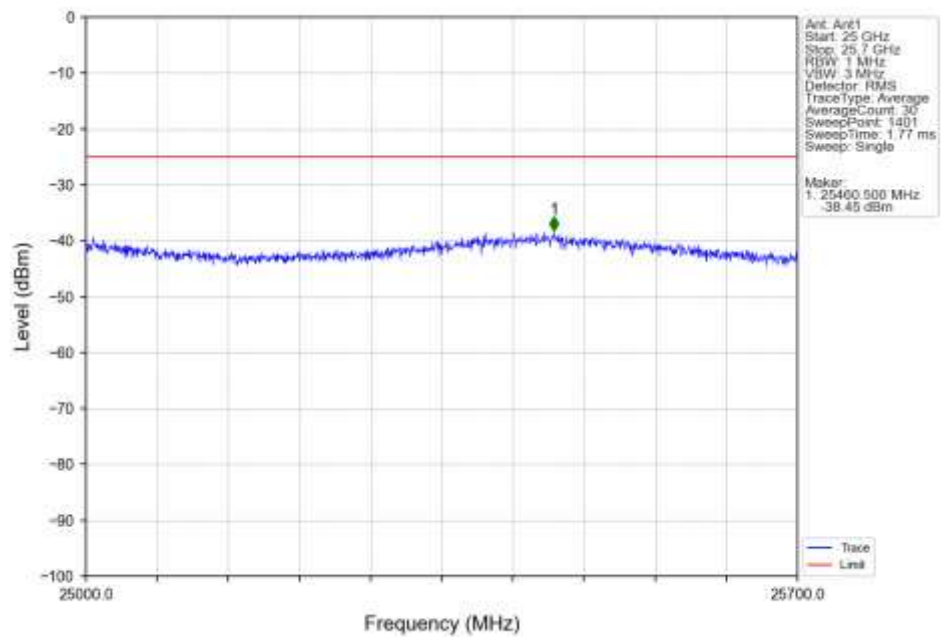
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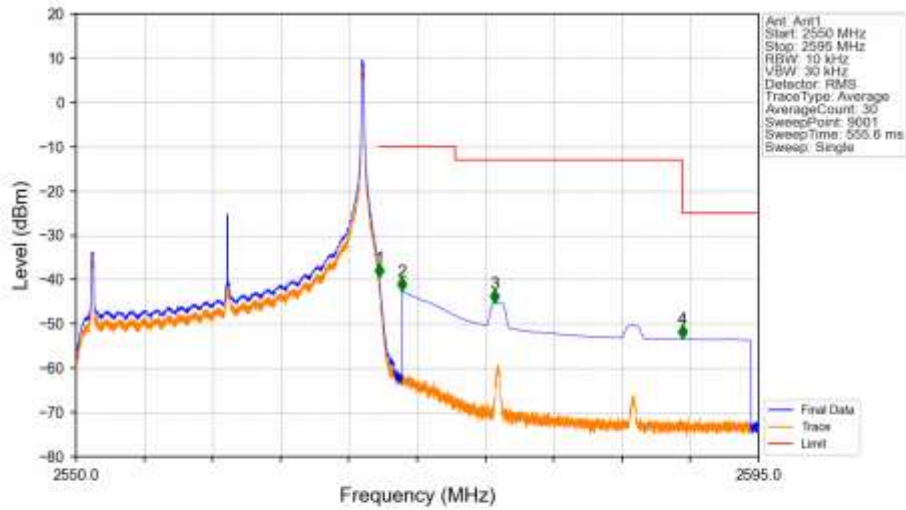
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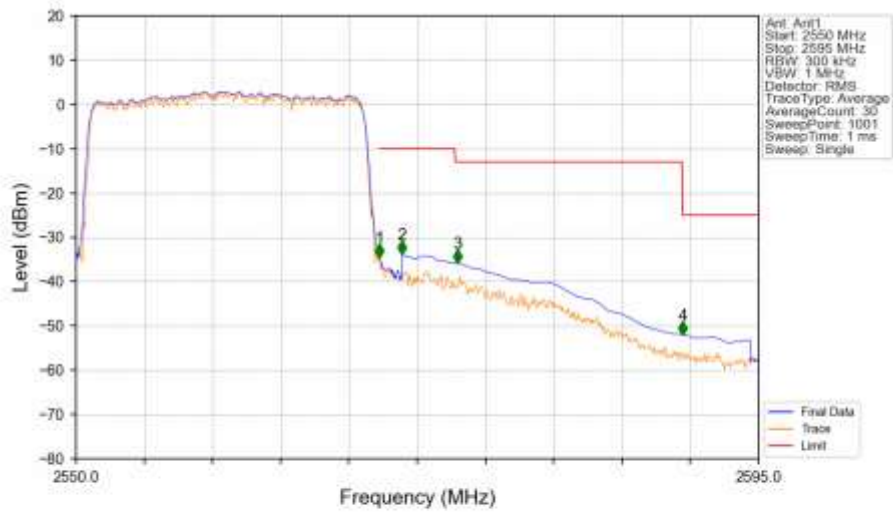
Band7 20MHz 16QAM HCH 2560MHz RB 1 0 NTN



Band7 20MHz 16QAM HCH 2560MHz RB 1 99 NTNV



Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTNV



## 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) |
|------|----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 7    | 5  | 2502.5     | 2567.5    | 0.0984        | 0.0013 | ppm    | 4M55G7D             | 27M        | 19.93           |
| 7    | 5  | 2502.5     | 2567.5    | 0.0811        | 0.0016 | ppm    | 4M59W7D             | 27M        | 19.09           |
| 7    | 10 | 2505       | 2565      | 0.1033        | 0.0014 | ppm    | 9M05G7D             | 27M        | 20.14           |
| 7    | 10 | 2505       | 2565      | 0.0887        | 0.0011 | ppm    | 9M06W7D             | 27M        | 19.48           |
| 7    | 15 | 2507.5     | 2562.5    | 0.0993        | 0.0015 | ppm    | 13M5G7D             | 27M        | 19.97           |
| 7    | 15 | 2507.5     | 2562.5    | 0.0895        | 0.0013 | ppm    | 13M6W7D             | 27M        | 19.52           |
| 7    | 20 | 2510       | 2560      | 0.0804        | 0.0010 | ppm    | 18M1G7D             | 27M        | 19.05           |
| 7    | 20 | 2510       | 2560      | 0.0809        | 0.0010 | ppm    | 18M1W7D             | 27M        | 19.08           |

#### 7.1.2 Form731\_EIRP

| Band | BW | Lower Freq | High Freq | MAX Power (W) | Value  | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 7    | 5  | 2502.5     | 2567.5    | 0.0780        | 0.0013 | ppm    | 4M55G7D             | 27M        | 18.92           |
| 7    | 5  | 2502.5     | 2567.5    | 0.0643        | 0.0016 | ppm    | 4M59W7D             | 27M        | 18.08           |
| 7    | 10 | 2505       | 2565      | 0.0818        | 0.0014 | ppm    | 9M05G7D             | 27M        | 19.13           |
| 7    | 10 | 2505       | 2565      | 0.0703        | 0.0011 | ppm    | 9M06W7D             | 27M        | 18.47           |
| 7    | 15 | 2507.5     | 2562.5    | 0.0787        | 0.0015 | ppm    | 13M5G7D             | 27M        | 18.96           |
| 7    | 15 | 2507.5     | 2562.5    | 0.0710        | 0.0013 | ppm    | 13M6W7D             | 27M        | 18.51           |
| 7    | 20 | 2510       | 2560      | 0.0637        | 0.0010 | ppm    | 18M1G7D             | 27M        | 18.04           |
| 7    | 20 | 2510       | 2560      | 0.0641        | 0.0010 | ppm    | 18M1W7D             | 27M        | 18.07           |