# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B13_5MHz_ERP

### 1.1.1 Test Result

| Band: 13 / Bandwidth: 5MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 779.5 | 1 | 0 | 23.80 | 3.52 | 25.17 | <=34.77 | Pass |
| | | | 13 | 23.92 | 3.52 | 25.29 | <=34.77 | Pass |
| | | | 24 | 23.68 | 3.52 | 25.05 | <=34.77 | Pass |
| | | 12 | 0 | 22.88 | 3.52 | 24.25 | <=34.77 | Pass |
| | | | 6 | 22.86 | 3.52 | 24.23 | <=34.77 | Pass |
| | | | 13 | 22.75 | 3.52 | 24.12 | <=34.77 | Pass |
| | | 25 | 0 | 22.93 | 3.52 | 24.30 | <=34.77 | Pass |
| | 782 | 1 | 0 | 24.02 | 3.52 | 25.39 | <=34.77 | Pass |
| | | | 13 | 23.80 | 3.52 | 25.17 | <=34.77 | Pass |
| | | | 24 | 23.78 | 3.52 | 25.15 | <=34.77 | Pass |
| | | 12 | 0 | 22.80 | 3.52 | 24.17 | <=34.77 | Pass |
| | | | 6 | 22.88 | 3.52 | 24.25 | <=34.77 | Pass |
| | | | 13 | 22.77 | 3.52 | 24.14 | <=34.77 | Pass |
| | | 25 | 0 | 22.77 | 3.52 | 24.14 | <=34.77 | Pass |
| | 784.5 | 1 | 0 | 23.93 | 3.52 | 25.30 | <=34.77 | Pass |
| | | | 13 | 23.87 | 3.52 | 25.24 | <=34.77 | Pass |
| | | | 24 | 23.78 | 3.52 | 25.15 | <=34.77 | Pass |
| | | 12 | 0 | 22.81 | 3.52 | 24.18 | <=34.77 | Pass |
| | | | 6 | 22.84 | 3.52 | 24.21 | <=34.77 | Pass |
| | | | 13 | 22.89 | 3.52 | 24.26 | <=34.77 | Pass |
| | | 25 | 0 | 22.77 | 3.52 | 24.14 | <=34.77 | Pass |
| 16QAM | 779.5 | 1 | 0 | 23.06 | 3.52 | 24.43 | <=34.77 | Pass |
| | | | 13 | 23.16 | 3.52 | 24.53 | <=34.77 | Pass |
| | | | 24 | 23.01 | 3.52 | 24.38 | <=34.77 | Pass |
| | | 12 | 0 | 22.00 | 3.52 | 23.37 | <=34.77 | Pass |
| | | | 6 | 22.06 | 3.52 | 23.43 | <=34.77 | Pass |
| | | | 13 | 21.93 | 3.52 | 23.30 | <=34.77 | Pass |
| | | 25 | 0 | 21.84 | 3.52 | 23.21 | <=34.77 | Pass |
| | 782 | 1 | 0 | 23.12 | 3.52 | 24.49 | <=34.77 | Pass |
| | | | 13 | 23.00 | 3.52 | 24.37 | <=34.77 | Pass |
| | | | 24 | 22.97 | 3.52 | 24.34 | <=34.77 | Pass |
| | | 12 | 0 | 21.88 | 3.52 | 23.25 | <=34.77 | Pass |
| | | | 6 | 21.85 | 3.52 | 23.22 | <=34.77 | Pass |
| | | | 13 | 21.94 | 3.52 | 23.31 | <=34.77 | Pass |
| | | 25 | 0 | 21.79 | 3.52 | 23.16 | <=34.77 | Pass |
| | 784.5 | 1 | 0 | 23.08 | 3.52 | 24.45 | <=34.77 | Pass |
| | | | 13 | 23.25 | 3.52 | 24.62 | <=34.77 | Pass |
| | | | 24 | 23.24 | 3.52 | 24.61 | <=34.77 | Pass |
| | | 12 | 0 | 21.93 | 3.52 | 23.30 | <=34.77 | Pass |
| | | | 6 | 21.84 | 3.52 | 23.21 | <=34.77 | Pass |
| | | | 13 | 21.90 | 3.52 | 23.27 | <=34.77 | Pass |
| | | 25 | 0 | 21.82 | 3.52 | 23.19 | <=34.77 | Pass |
| 64QAM | 779.5 | 1 | 0 | 22.97 | 3.52 | 24.34 | <=34.77 | Pass |
| | | | 13 | 23.01 | 3.52 | 24.38 | <=34.77 | Pass |
| | | | 24 | 22.81 | 3.52 | 24.18 | <=34.77 | Pass |
| | | 12 | 0 | 21.90 | 3.52 | 23.27 | <=34.77 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 6 | 21.99 | 3.52 | 23.36 | <=34.77 | Pass |
| | | | 13 | 21.86 | 3.52 | 23.23 | <=34.77 | Pass |
| | | 25 | 0 | 21.98 | 3.52 | 23.35 | <=34.77 | Pass |
| | 782 | 1 | 0 | 22.90 | 3.52 | 24.27 | <=34.77 | Pass |
| | | | 13 | 23.04 | 3.52 | 24.41 | <=34.77 | Pass |
| | | | 24 | 22.93 | 3.52 | 24.30 | <=34.77 | Pass |
| | | 12 | 0 | 21.44 | 3.52 | 22.81 | <=34.77 | Pass |
| | | | 6 | 21.93 | 3.52 | 23.30 | <=34.77 | Pass |
| | | | 13 | 21.86 | 3.52 | 23.23 | <=34.77 | Pass |
| | | 25 | 0 | 21.84 | 3.52 | 23.21 | <=34.77 | Pass |
| | 784.5 | 1 | 0 | 22.84 | 3.52 | 24.21 | <=34.77 | Pass |
| | | | 13 | 23.03 | 3.52 | 24.40 | <=34.77 | Pass |
| | | | 24 | 23.03 | 3.52 | 24.40 | <=34.77 | Pass |
| | | 12 | 0 | 21.91 | 3.52 | 23.28 | <=34.77 | Pass |
| | | | 6 | 21.97 | 3.52 | 23.34 | <=34.77 | Pass |
| | | | 13 | 21.90 | 3.52 | 23.27 | <=34.77 | Pass |
| | | 25 | 0 | 21.77 | 3.52 | 23.14 | <=34.77 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

## 1.2 B13_10MHz_ERP

### 1.2.1 Test Result

| Band: 13 / Bandwidth: 10MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 782 | 1 | 0 | 23.90 | 3.52 | 25.27 | <=34.77 | Pass |
| | | | 25 | 23.71 | 3.52 | 25.08 | <=34.77 | Pass |
| | | | 49 | 23.76 | 3.52 | 25.13 | <=34.77 | Pass |
| | | 25 | 0 | 22.87 | 3.52 | 24.24 | <=34.77 | Pass |
| | | | 13 | 22.91 | 3.52 | 24.28 | <=34.77 | Pass |
| | | | 25 | 22.81 | 3.52 | 24.18 | <=34.77 | Pass |
| | | 50 | 0 | 22.84 | 3.52 | 24.21 | <=34.77 | Pass |
| 16QAM | 782 | 1 | 0 | 23.16 | 3.52 | 24.53 | <=34.77 | Pass |
| | | | 25 | 23.11 | 3.52 | 24.48 | <=34.77 | Pass |
| | | | 49 | 23.12 | 3.52 | 24.49 | <=34.77 | Pass |
| | | 25 | 0 | 21.90 | 3.52 | 23.27 | <=34.77 | Pass |
| | | | 13 | 21.97 | 3.52 | 23.34 | <=34.77 | Pass |
| | | | 25 | 21.89 | 3.52 | 23.26 | <=34.77 | Pass |
| | | 50 | 0 | 21.85 | 3.52 | 23.22 | <=34.77 | Pass |
| 64QAM | 782 | 1 | 0 | 22.95 | 3.52 | 24.32 | <=34.77 | Pass |
| | | | 25 | 22.88 | 3.52 | 24.25 | <=34.77 | Pass |
| | | | 49 | 22.89 | 3.52 | 24.26 | <=34.77 | Pass |
| | | 25 | 0 | 21.98 | 3.52 | 23.35 | <=34.77 | Pass |
| | | | 13 | 21.83 | 3.52 | 23.20 | <=34.77 | Pass |
| | | | 25 | 21.87 | 3.52 | 23.24 | <=34.77 | Pass |
| | | 50 | 0 | 21.83 | 3.52 | 23.20 | <=34.77 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

# 2. Frequency Stability

## 2.1 B13_5MHz

## 2.1.1 Test Result

| Band: 13 / Bandwidth: 5MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 779.5 | 25 | 0 | 20 | 3.27 | 0.500 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.500 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.700 | 0.0022 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.200 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -0.500 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 1.400 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.500 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.500 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.000 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.800 | 0.0010 | -2.5 to 2.5 | Pass |
| | 782 | 25 | 0 | 20 | 3.27 | 3.300 | 0.0042 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.900 | 0.0037 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 3.200 | 0.0041 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 3.600 | 0.0046 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.700 | 0.0047 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 4.900 | 0.0063 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.200 | 0.0041 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 6.200 | 0.0079 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 3.500 | 0.0045 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.600 | 0.0046 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 3.700 | 0.0047 | -2.5 to 2.5 | Pass |
| | 784.5 | 25 | 0 | 20 | 3.27 | 1.600 | 0.0020 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -0.900 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.000 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -1.600 | -0.0020 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 0.600 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 1.500 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -1.300 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.500 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.500 | 0.0006 | -2.5 to 2.5 | Pass |
| 16QAM | 779.5 | 25 | 0 | 20 | 3.27 | 0.200 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.500 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 2.100 | 0.0027 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 2.100 | 0.0027 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 1.100 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 1.000 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.800 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -0.500 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 0.900 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 2.000 | 0.0026 | -2.5 to 2.5 | Pass |
| | 782 | 25 | 0 | 20 | 3.27 | 2.600 | 0.0033 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.000 | 0.0026 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 3.400 | 0.0043 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 3.900 | 0.0050 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.500 | 0.0045 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 3.200 | 0.0041 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.700 | 0.0047 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 10 | 3.85 | 3.800 | 0.0049 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 3.900 | 0.0050 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 2.800 | 0.0036 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.900 | 0.0024 | -2.5 to 2.5 | Pass |
| | 784.5 | 25 | 0 | 20 | 3.27 | 0.600 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.000 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -0.700 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 0.500 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -0.300 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 1.900 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.600 | 0.0020 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 0.200 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 2.000 | 0.0025 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.600 | 0.0008 | -2.5 to 2.5 | Pass |
| 64QAM | 779.5 | 25 | 0 | 20 | 3.27 | -34.900 | -0.0448 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 30.200 | 0.0387 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -43.600 | -0.0559 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 18.600 | 0.0239 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -49.900 | -0.0640 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 27.700 | 0.0355 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 32.800 | 0.0421 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -22.600 | -0.0290 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -4.400 | -0.0056 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 13.300 | 0.0171 | -2.5 to 2.5 | Pass |
| | 782 | 25 | 0 | 20 | 3.27 | -7.700 | -0.0098 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 17.900 | 0.0229 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -21.200 | -0.0271 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -2.800 | -0.0036 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 28.300 | 0.0362 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 6.000 | 0.0077 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -24.300 | -0.0311 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 10.300 | 0.0132 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -29.700 | -0.0380 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 34.600 | 0.0442 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 17.400 | 0.0223 | -2.5 to 2.5 | Pass |
| | 784.5 | 25 | 0 | 20 | 3.27 | 20.900 | 0.0266 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 23.300 | 0.0297 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 33.200 | 0.0423 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -30.600 | -0.0390 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 18.900 | 0.0241 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -28.900 | -0.0368 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 34.700 | 0.0442 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 61.700 | 0.0786 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 5.300 | 0.0068 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 31.300 | 0.0399 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 6.500 | 0.0083 | -2.5 to 2.5 | Pass |

## 2.2 B13_10MHz

### 2.2.1 Test Result

| Band: 13 / Bandwidth: 10MHz |
|---|

| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
|---|---|---|---|---|---|---|---|---|---|
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 782 | 50 | 0 | 20 | 3.27 | 2.500 | 0.0032 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.100 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 0.700 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.800 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.100 | 0.0040 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.100 | 0.0027 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.400 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.200 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 2.300 | 0.0029 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 0.400 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.200 | 0.0015 | -2.5 to 2.5 | Pass |
| 16QAM | 782 | 50 | 0 | 20 | 3.27 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.200 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 2.100 | 0.0027 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 3.000 | 0.0038 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -0.900 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.500 | 0.0032 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.600 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.500 | 0.0032 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 0.200 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -0.300 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.900 | 0.0024 | -2.5 to 2.5 | Pass |
| 64QAM | 782 | 50 | 0 | 20 | 3.27 | 13.100 | 0.0168 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -24.300 | -0.0311 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 6.300 | 0.0081 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 7.200 | 0.0092 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -2.900 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 7.400 | 0.0095 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -9.300 | -0.0119 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -5.700 | -0.0073 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 32.100 | 0.0410 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 26.600 | 0.0340 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -6.800 | -0.0087 | -2.5 to 2.5 | Pass |

# 3. 99% & 26dB Bandwidth

## 3.1 Band13_OBW

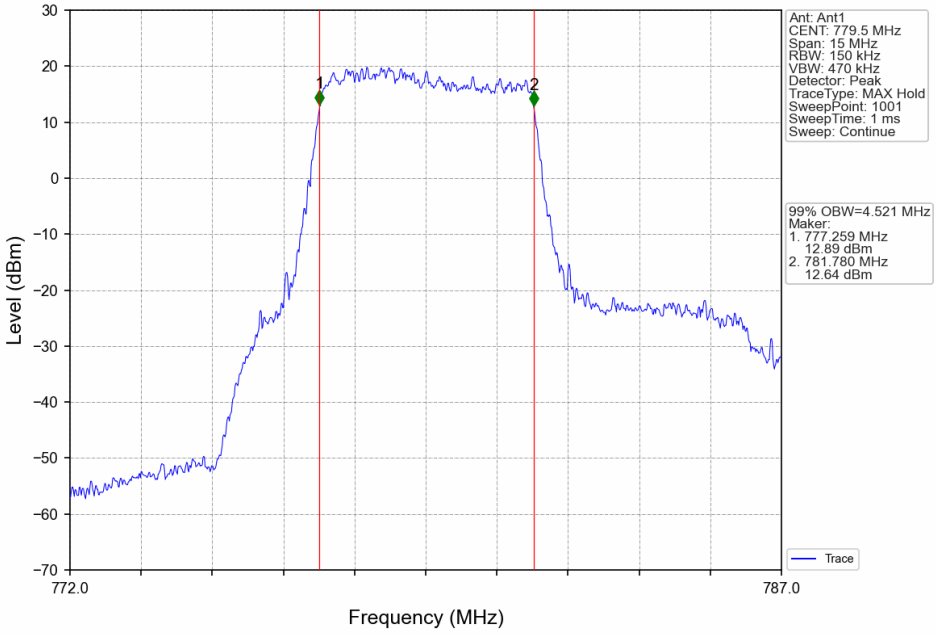
### 3.1.1 Test Result

| Band: 13 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 5 | QPSK | 779.5 | 25 | 0 | 4.521 | / | Pass |
| | | 782 | 25 | 0 | 4.569 | / | Pass |
| | | 784.5 | 25 | 0 | 4.536 | / | Pass |
| | 16QAM | 779.5 | 25 | 0 | 4.513 | / | Pass |
| | | 782 | 25 | 0 | 4.575 | / | Pass |
| | | 784.5 | 25 | 0 | 4.544 | / | Pass |
| | 64QAM | 779.5 | 25 | 0 | 4.523 | / | Pass |
| | | 782 | 25 | 0 | 4.579 | / | Pass |
| | | 784.5 | 25 | 0 | 4.541 | / | Pass |

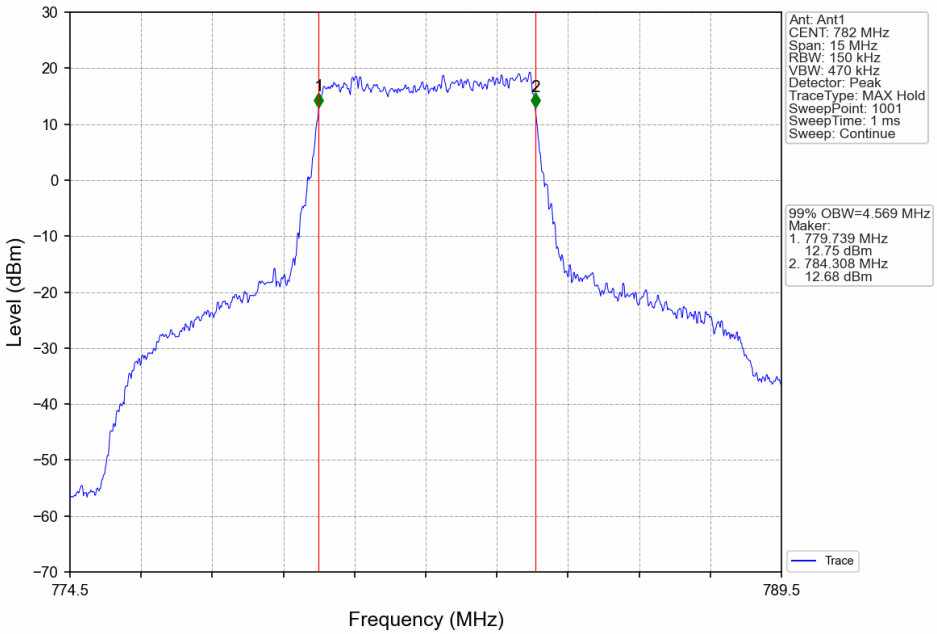
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 10 | QPSK | 782 | 50 | 0 | 9.083 | / | Pass |
| | 16QAM | 782 | 50 | 0 | 9.077 | / | Pass |
| | 64QAM | 782 | 50 | 0 | 9.090 | / | Pass |

### 3.1.2 Test Graph

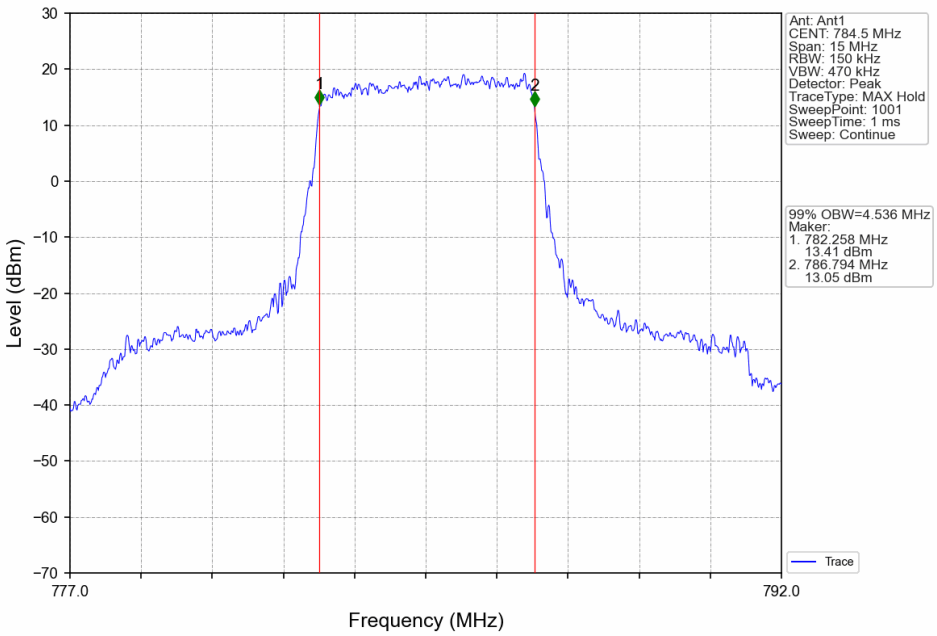
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



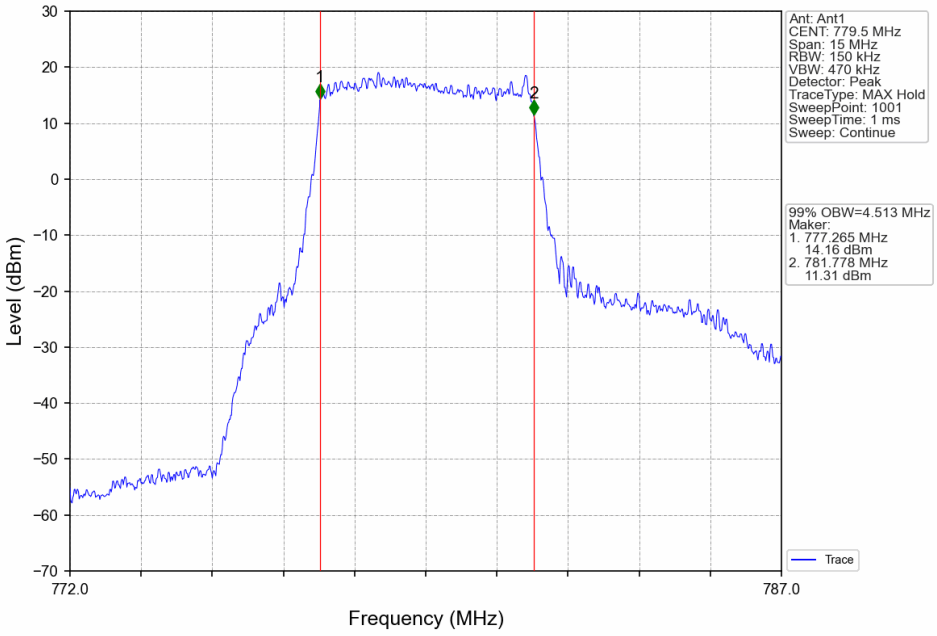

Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



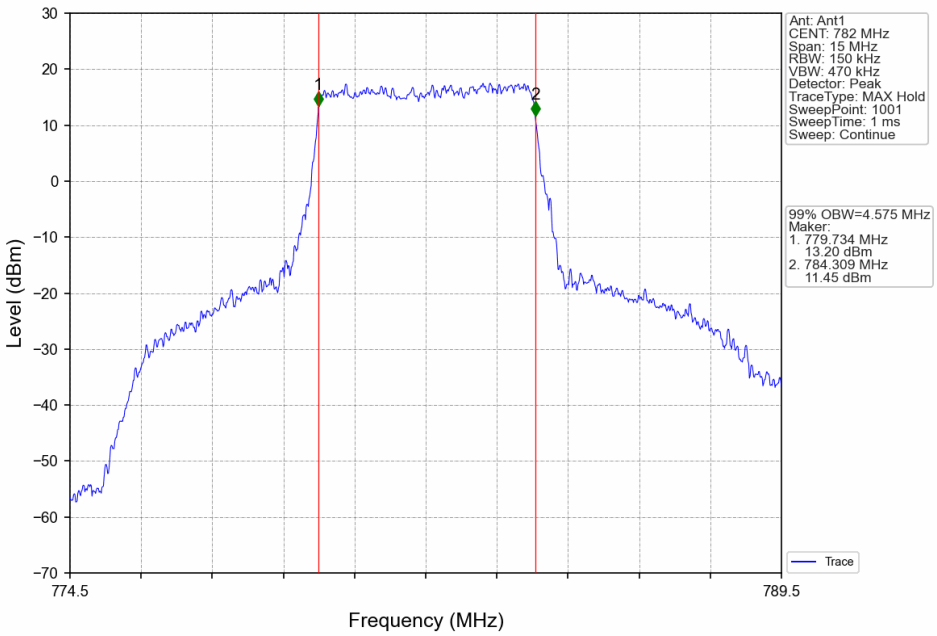
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



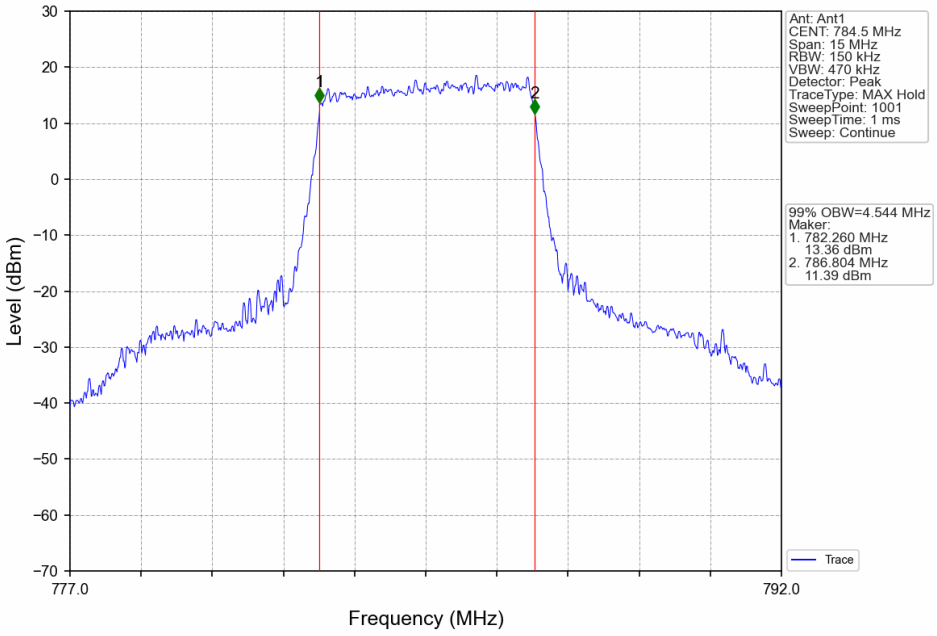

Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



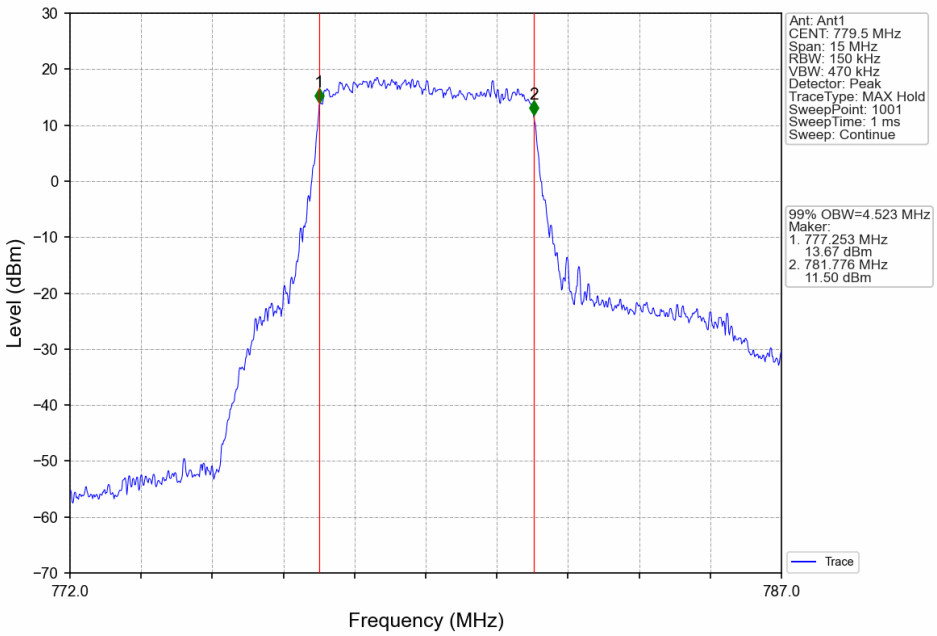
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



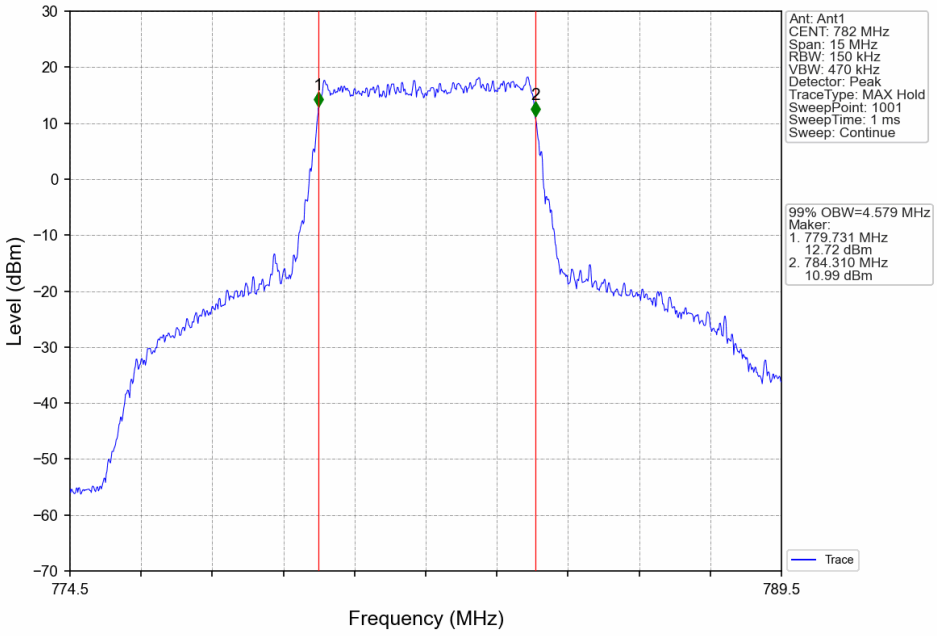

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



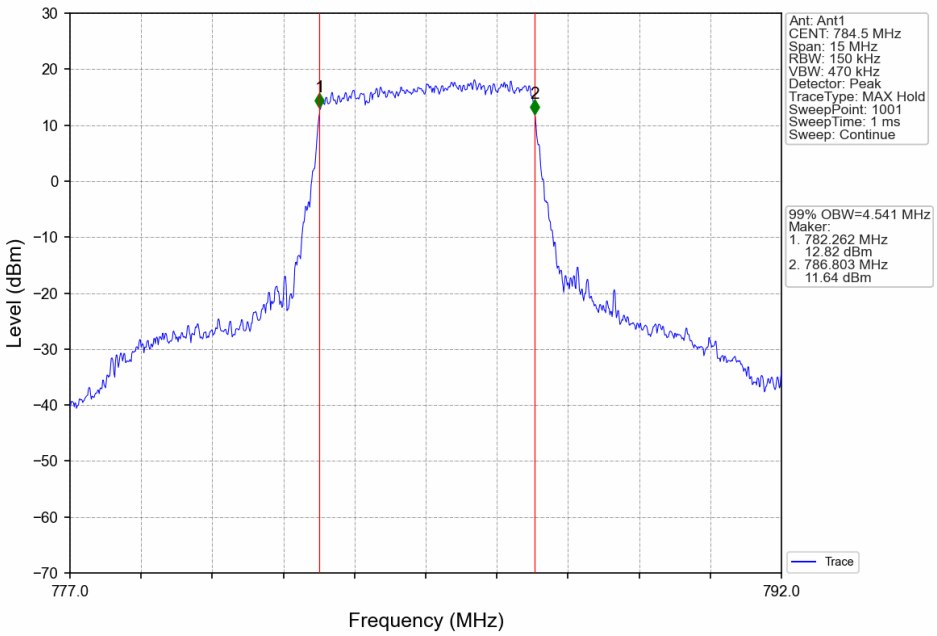
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



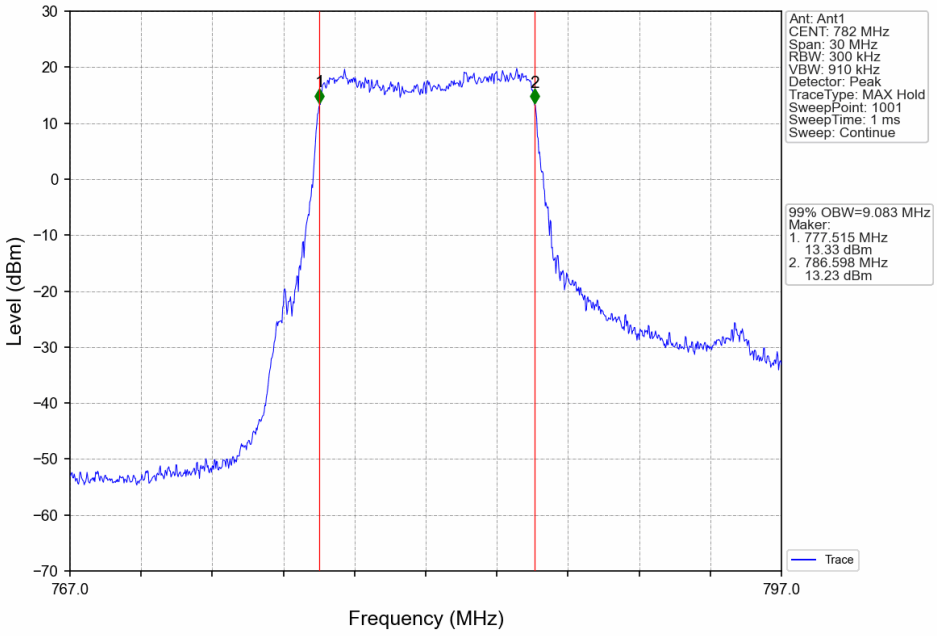

Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



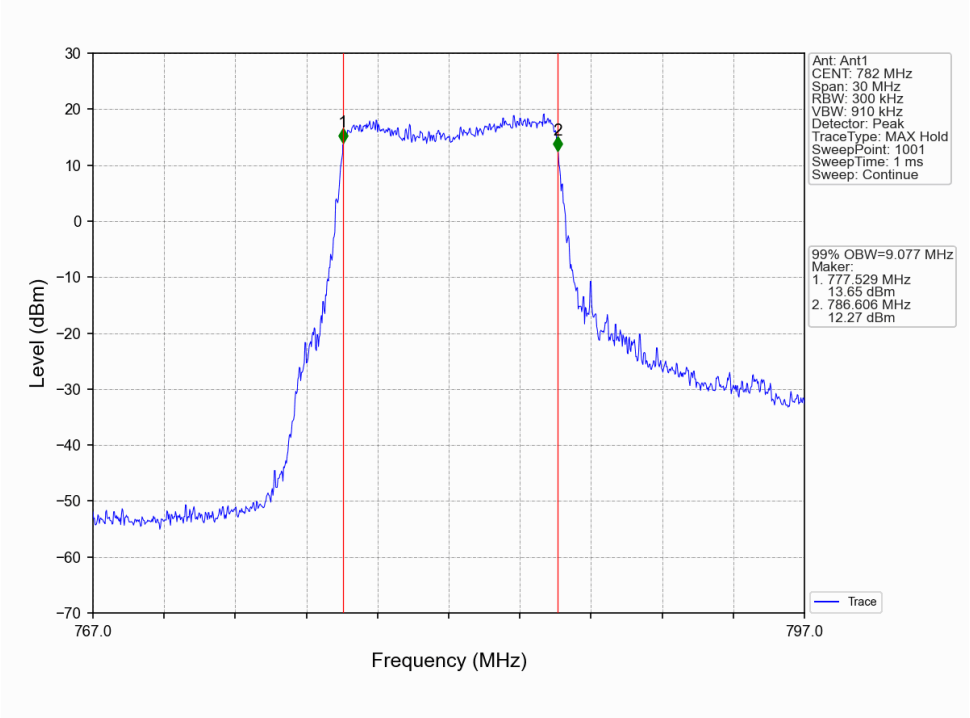
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



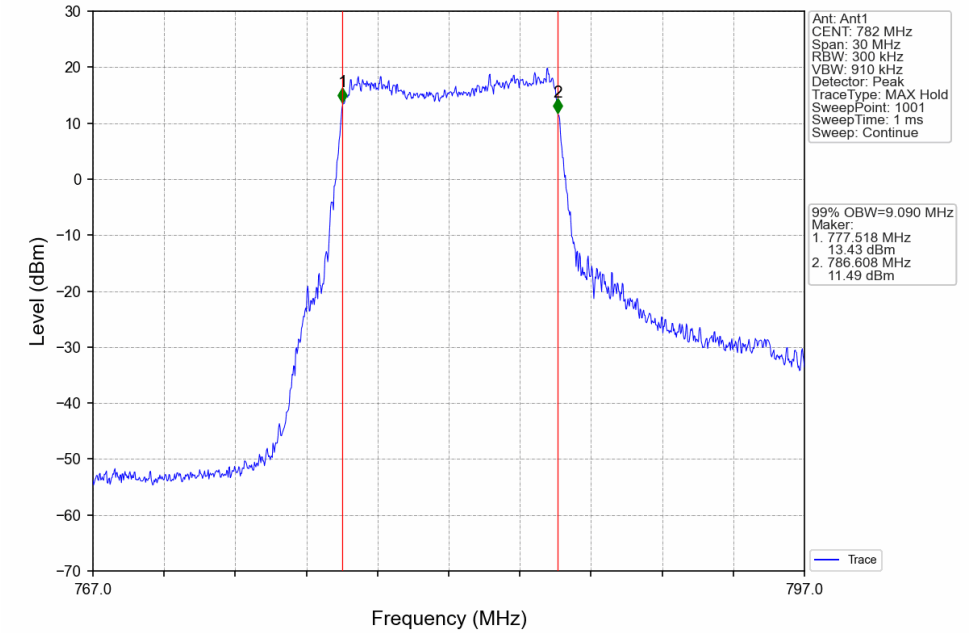

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV




Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



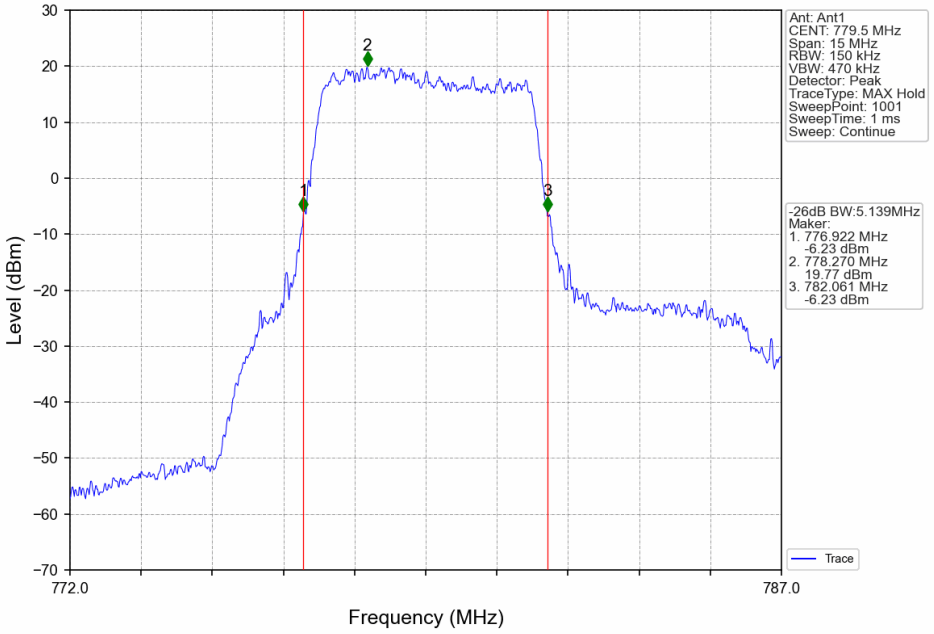
## 3.2 Band13_XDB

### 3.2.1 Test Result

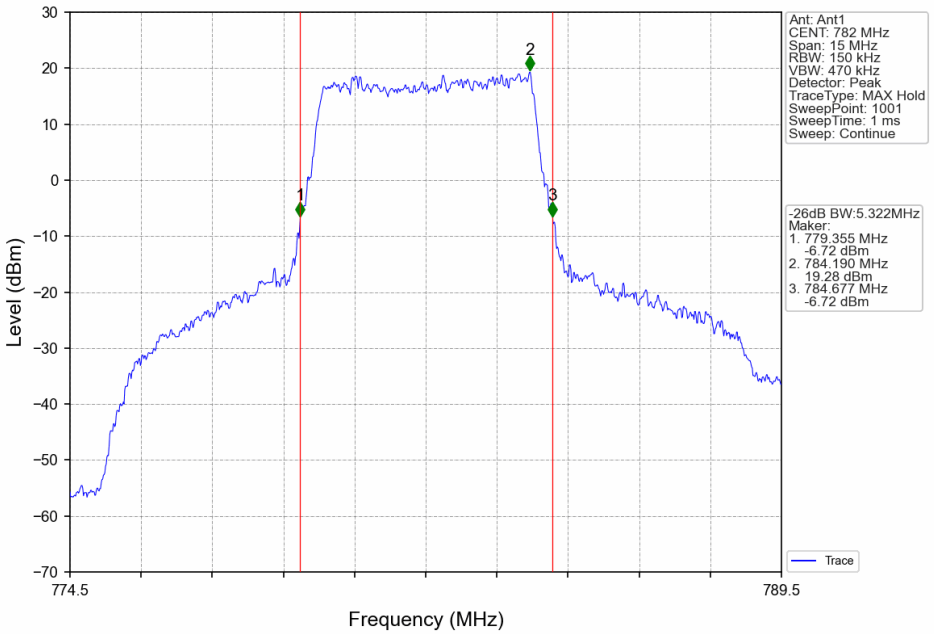
| Band: 13 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 5 | QPSK | 779.5 | 25 | 0 | 5.139 | / | Pass |
| | | 782 | 25 | 0 | 5.322 | / | Pass |
| | | 784.5 | 25 | 0 | 5.193 | / | Pass |
| | 16QAM | 779.5 | 25 | 0 | 5.089 | / | Pass |
| | | 782 | 25 | 0 | 5.290 | / | Pass |
| | | 784.5 | 25 | 0 | 5.169 | / | Pass |
| | 64QAM | 779.5 | 25 | 0 | 5.104 | / | Pass |
| | | 782 | 25 | 0 | 5.284 | / | Pass |
| | | 784.5 | 25 | 0 | 5.220 | / | Pass |
| 10 | QPSK | 782 | 50 | 0 | 10.093 | / | Pass |
| | 16QAM | 782 | 50 | 0 | 10.102 | / | Pass |
| | 64QAM | 782 | 50 | 0 | 10.130 | / | Pass |

### 3.2.2 Test Graph

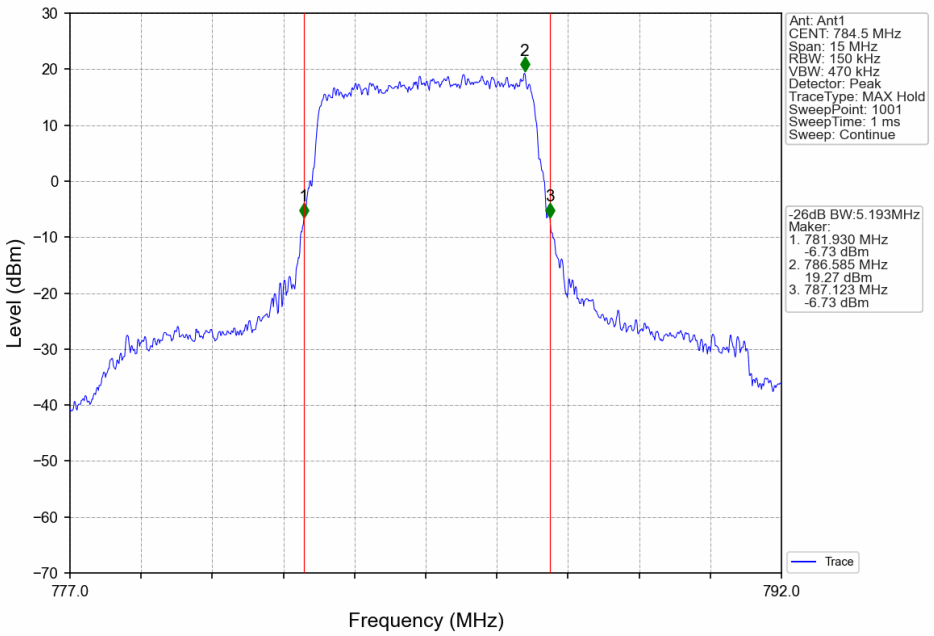
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



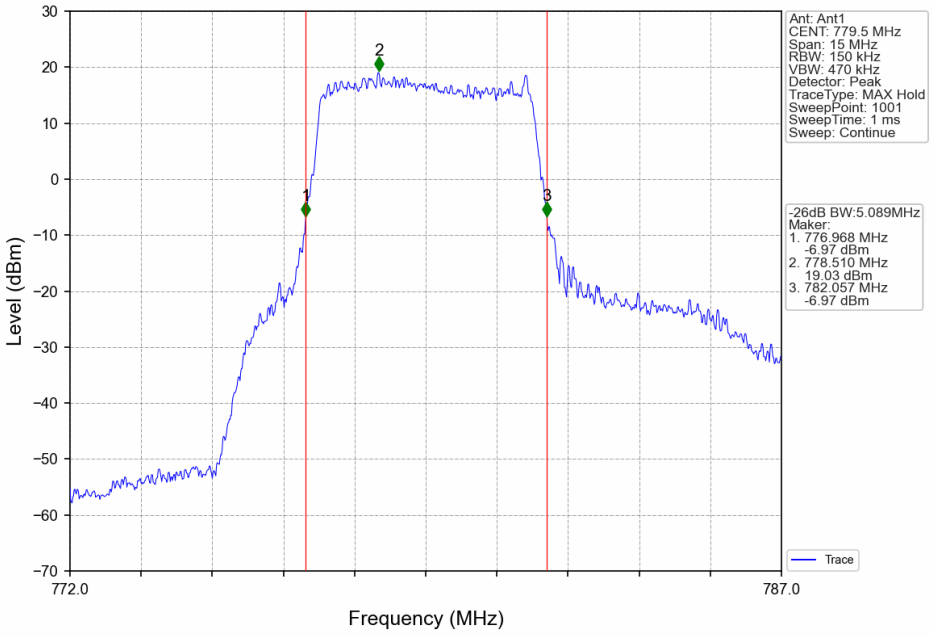

Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



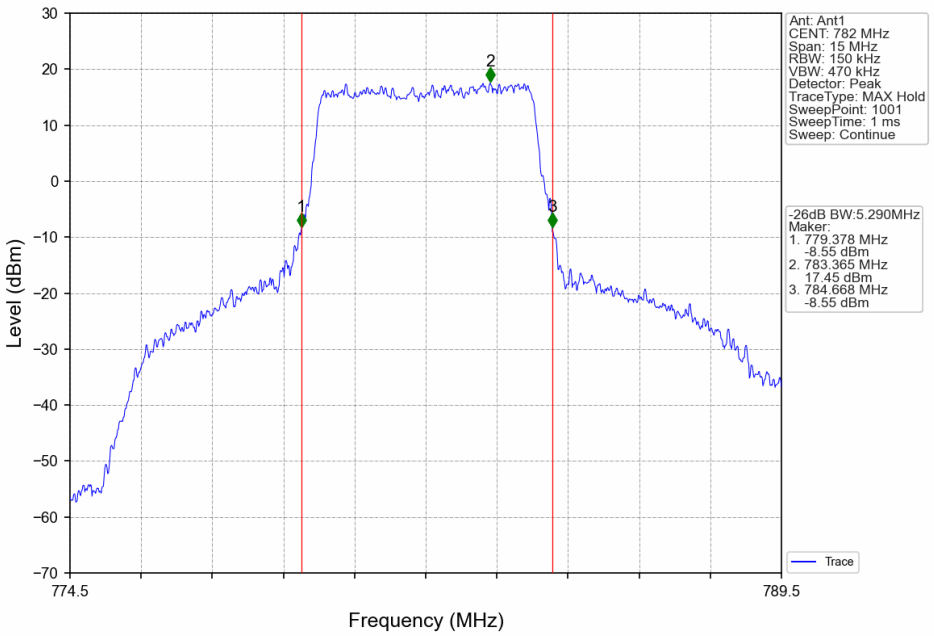
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



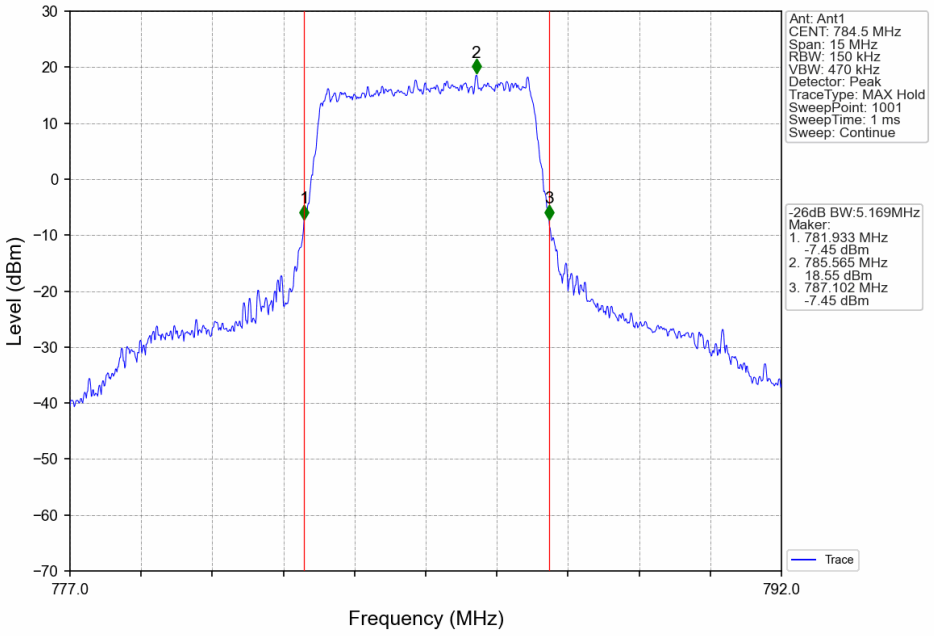

Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



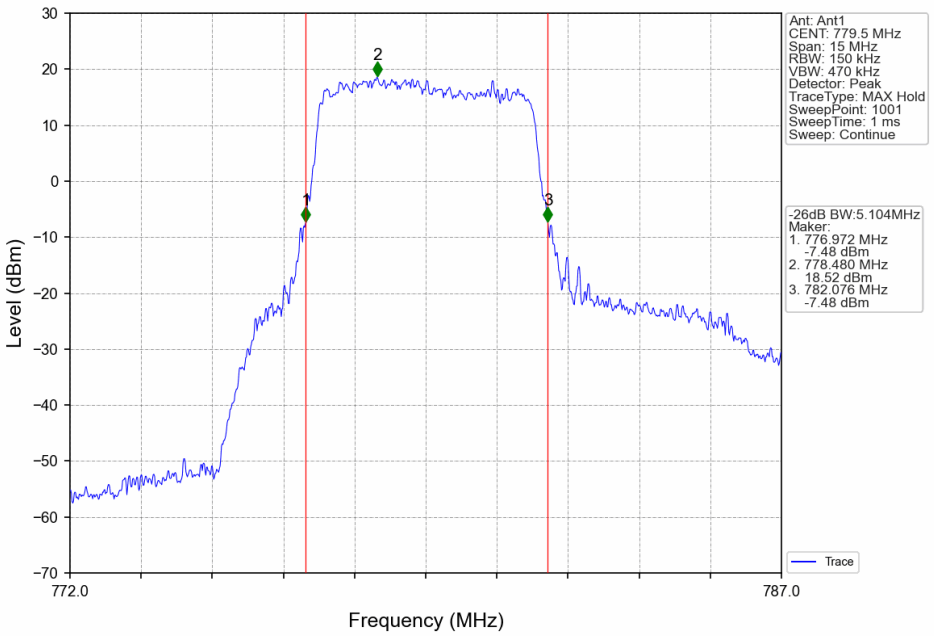
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



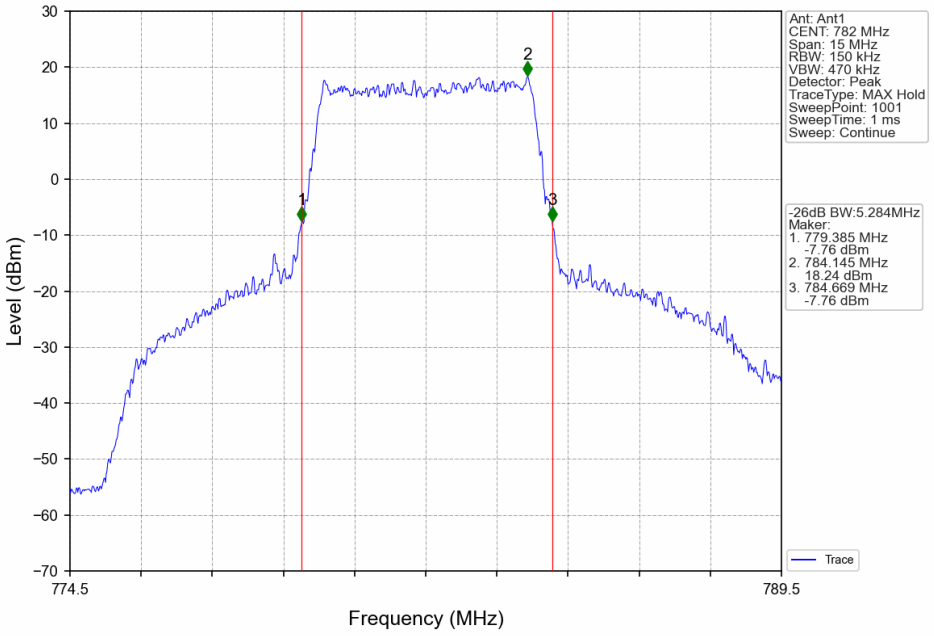

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



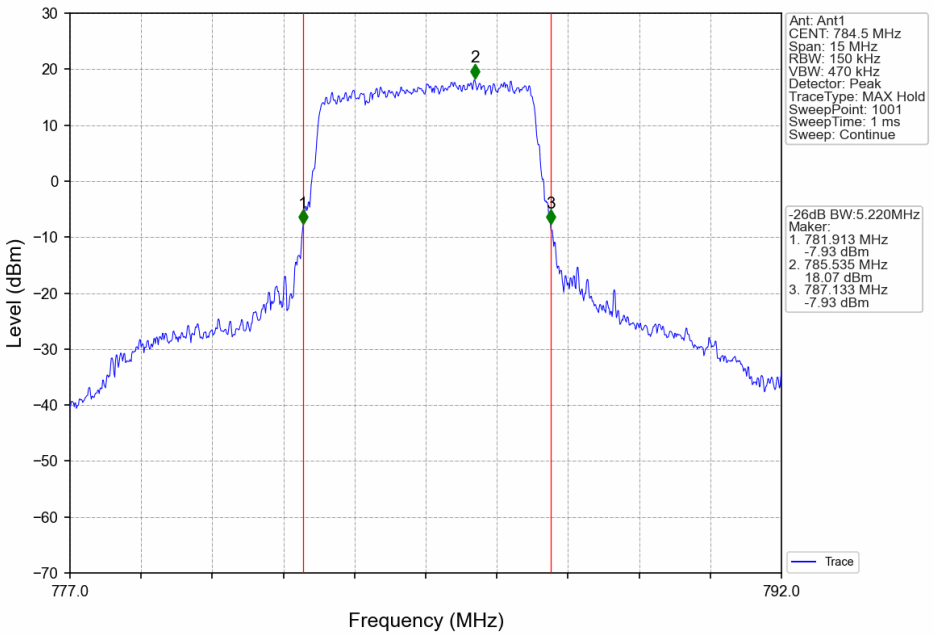
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV



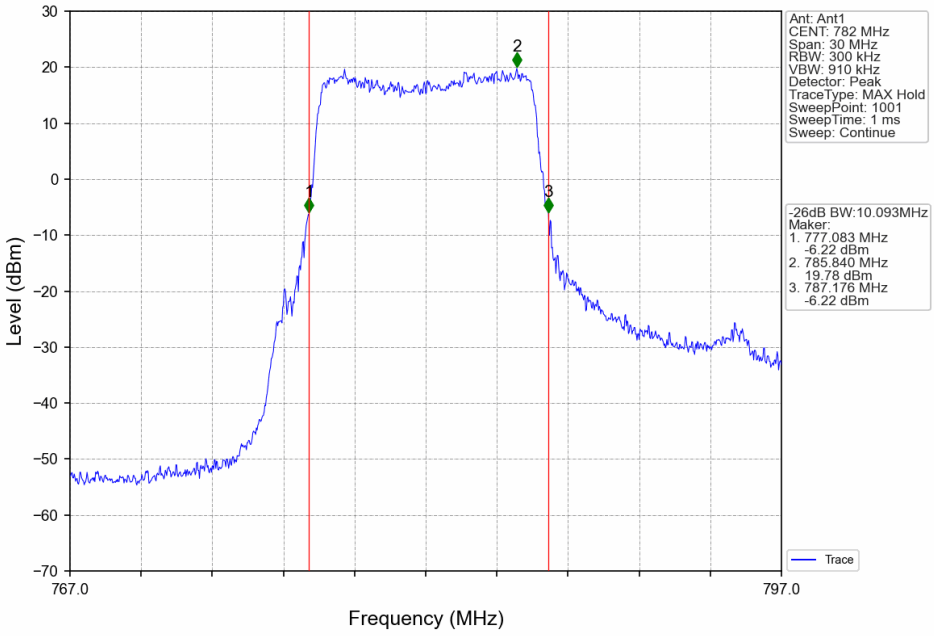

Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



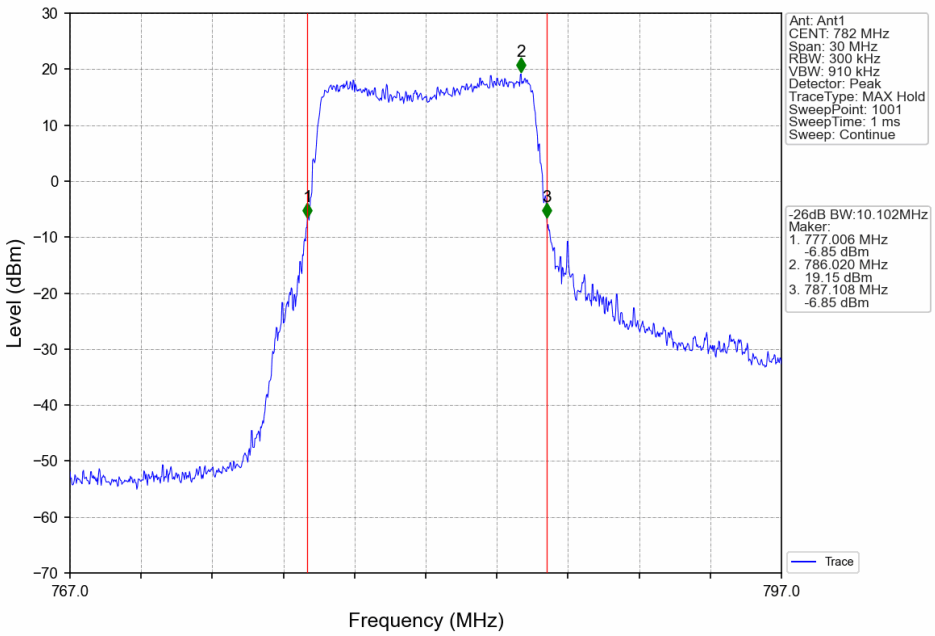
Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



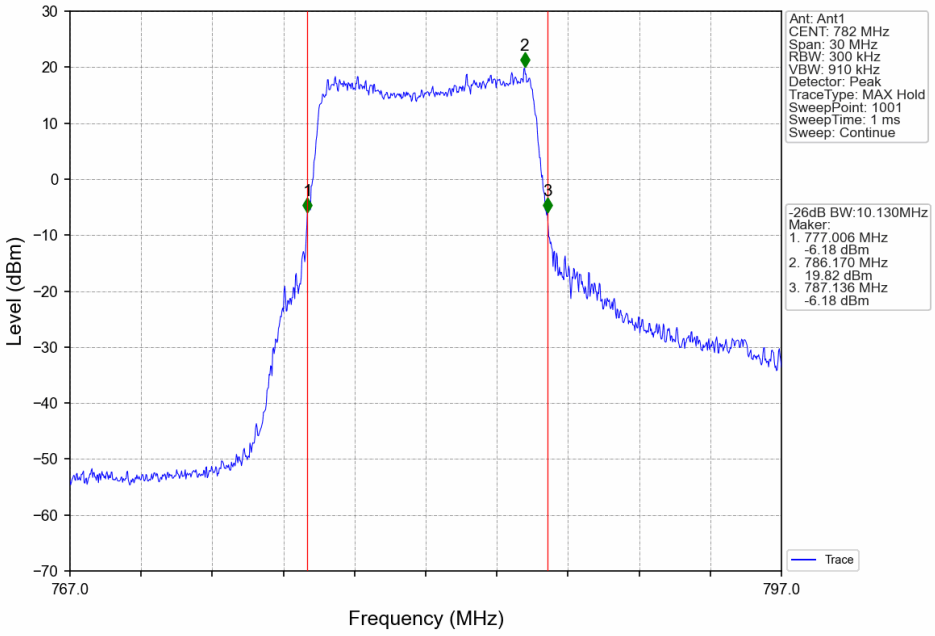

Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV




Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



# 4. Peak-Average Ratio

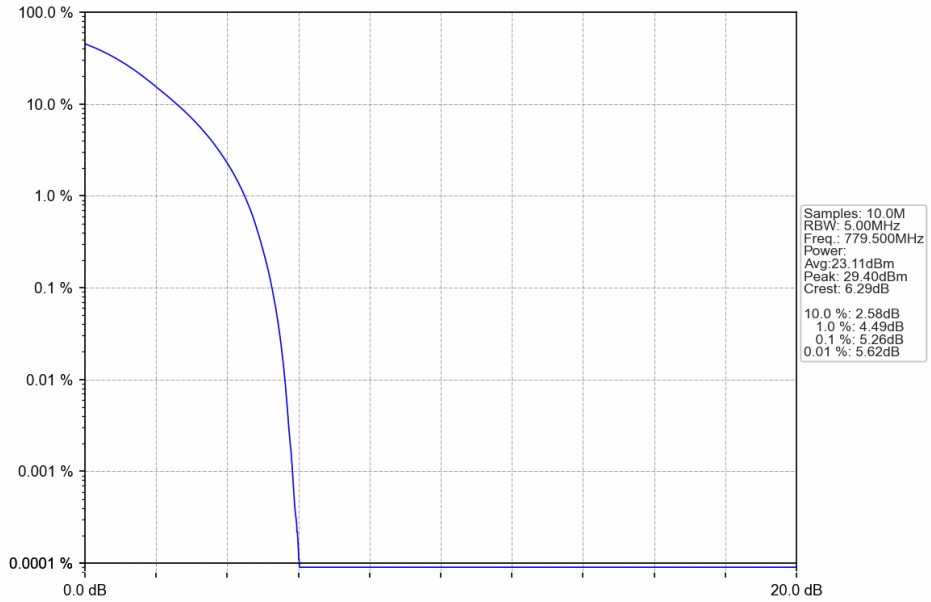
## 4.1 B13_5MHz

### 4.1.1 Test Result

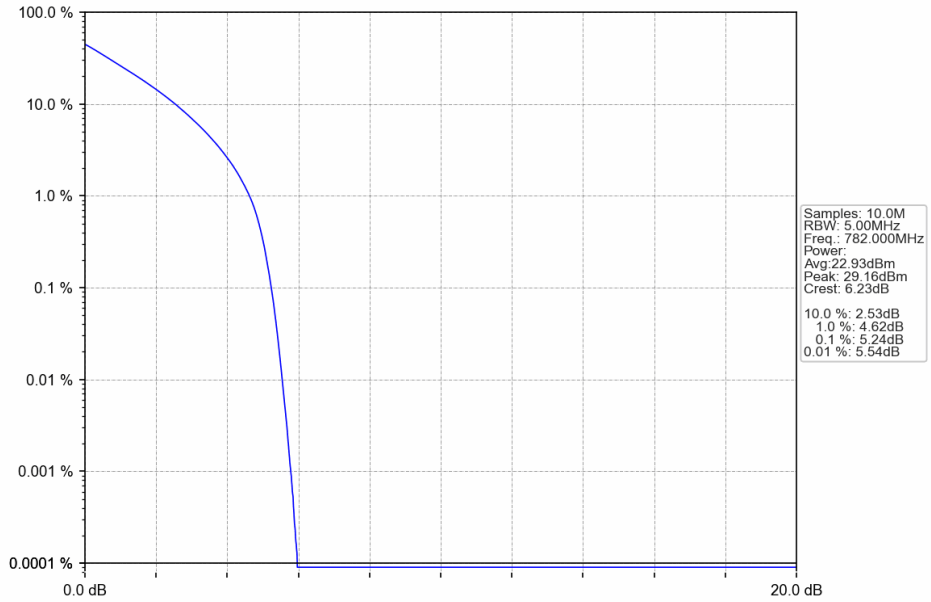
| Band: 13 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 779.5 | 25 | 0 | 5.26 | <=13 | Pass |
| | 782 | 25 | 0 | 5.24 | <=13 | Pass |
| | 784.5 | 25 | 0 | 4.97 | <=13 | Pass |
| 16QAM | 779.5 | 25 | 0 | 6.13 | <=13 | Pass |
| | 782 | 25 | 0 | 6.26 | <=13 | Pass |
| | 784.5 | 25 | 0 | 6.07 | <=13 | Pass |
| 64QAM | 779.5 | 25 | 0 | 6.14 | <=13 | Pass |
| | 782 | 25 | 0 | 6.27 | <=13 | Pass |
| | 784.5 | 25 | 0 | 6.08 | <=13 | Pass |

### 4.1.2 Test Graph

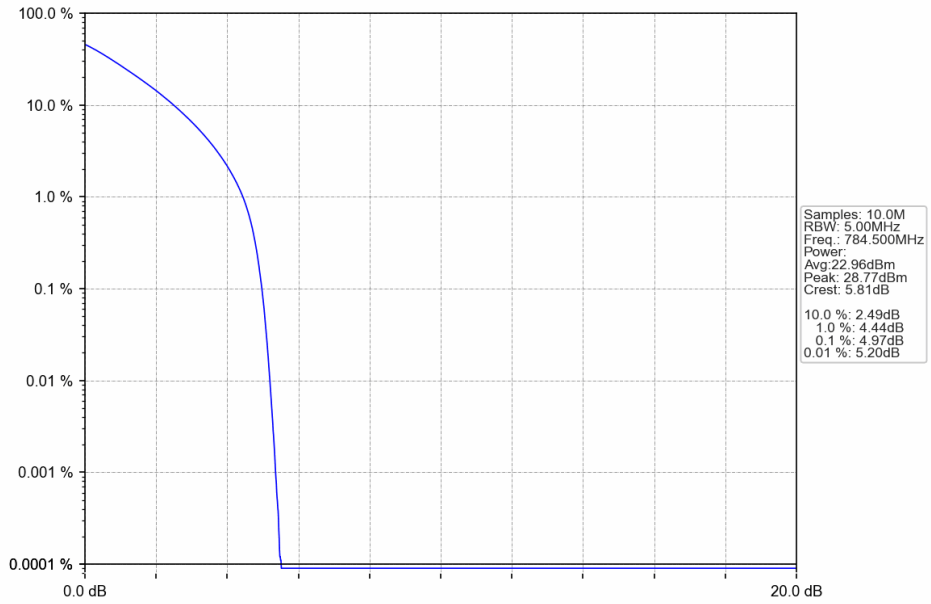
Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV



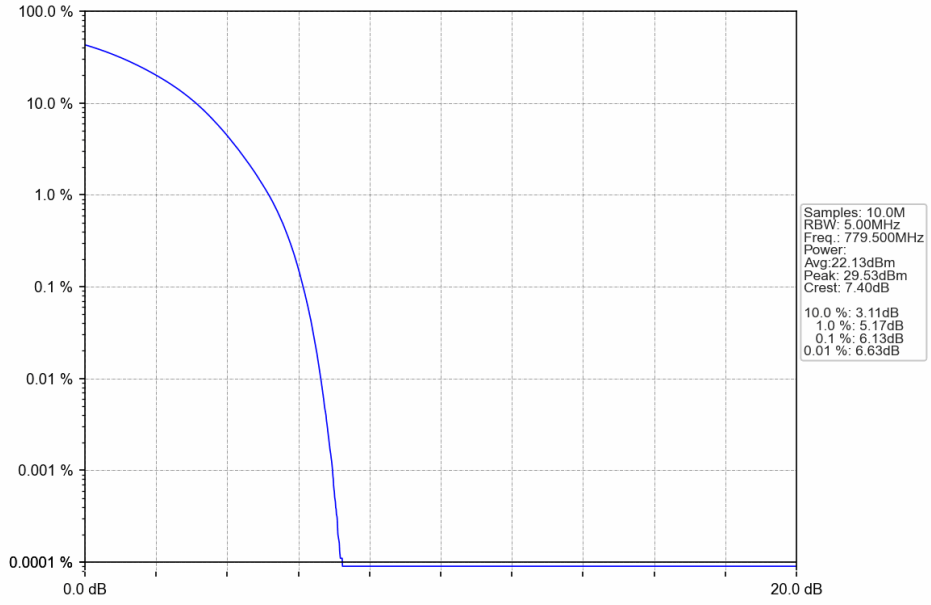

Band13_5MHz_QPSK_MCH_782MHz_RB_25_0_NTNV



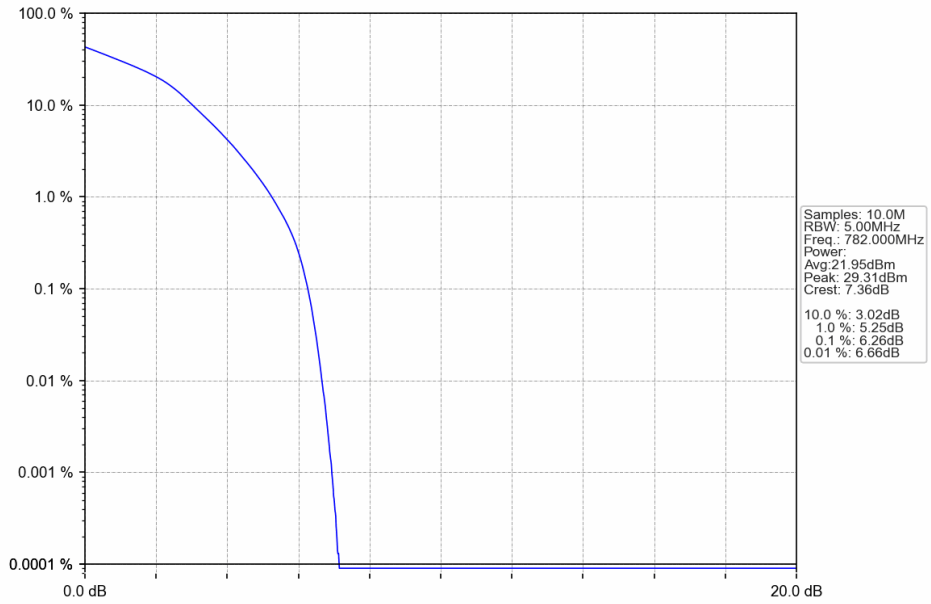
Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



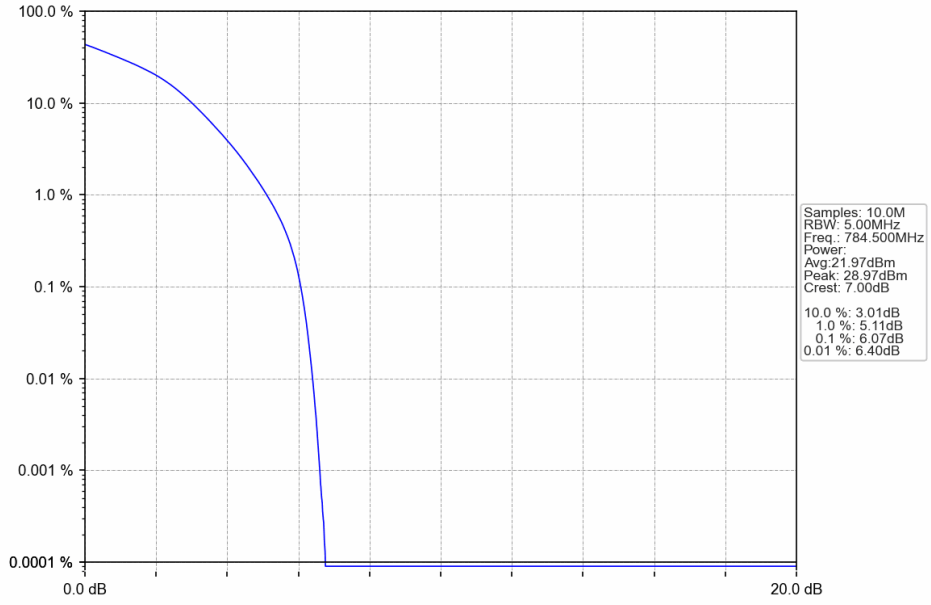

Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV



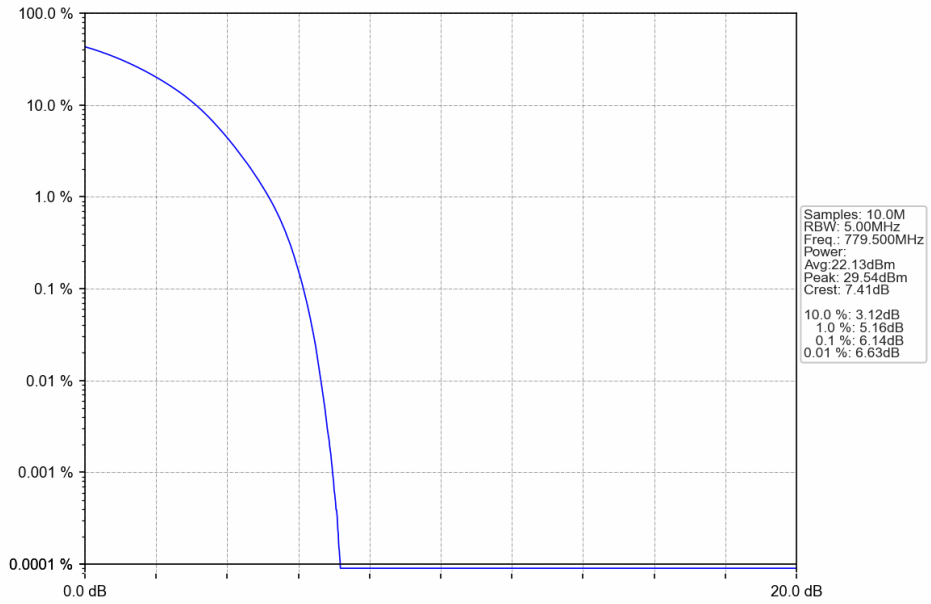
Band13_5MHz_16QAM_MCH_782MHz_RB_25_0_NTNV



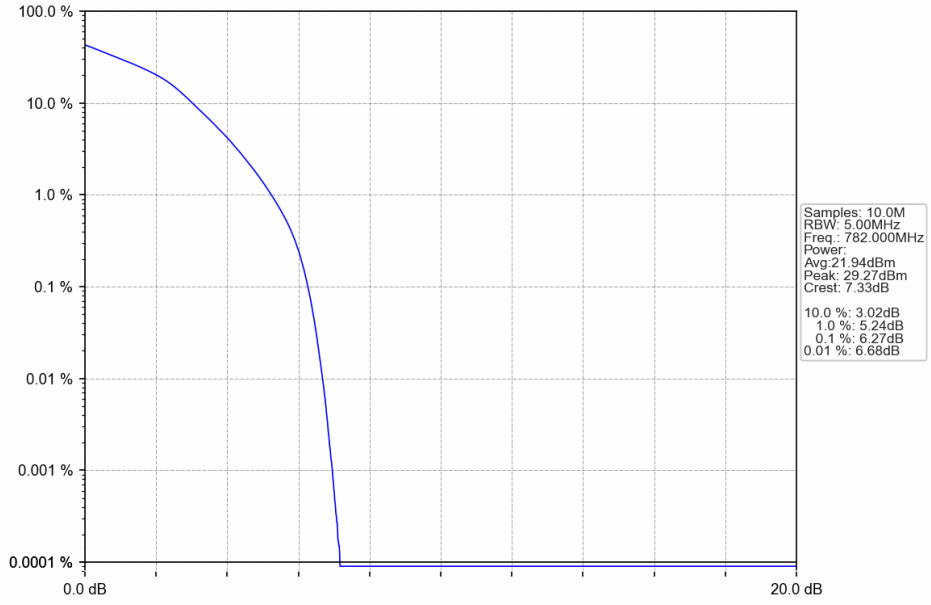

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



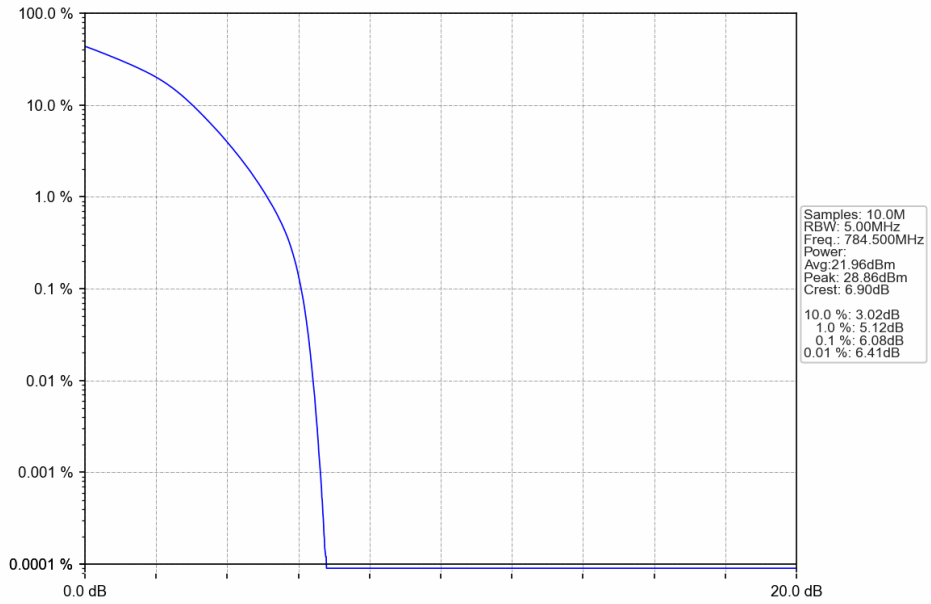
Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV




Band13_5MHz_64QAM_MCH_782MHz_RB_25_0_NTNV



Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV



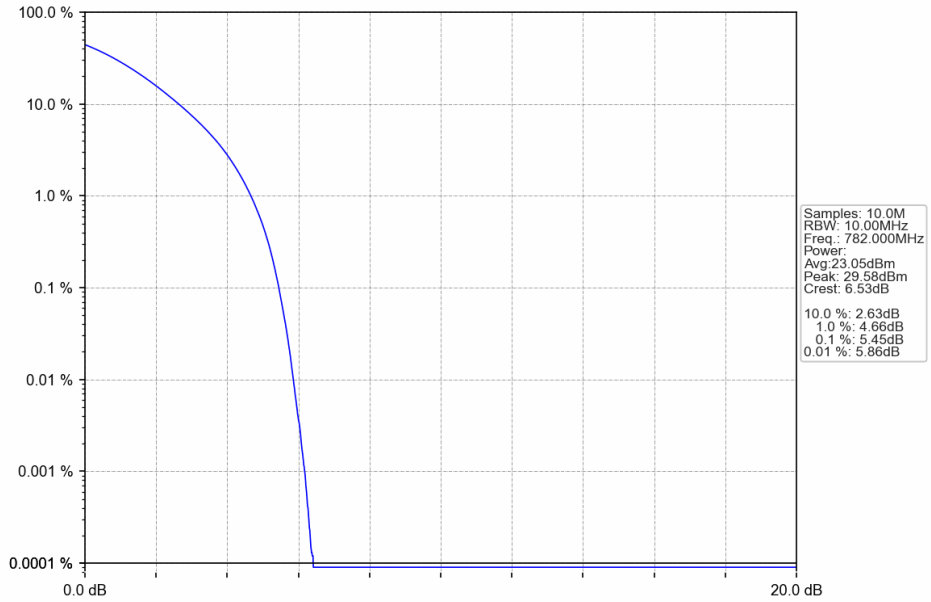
## 4.2 B13_10MHz

### 4.2.1 Test Result

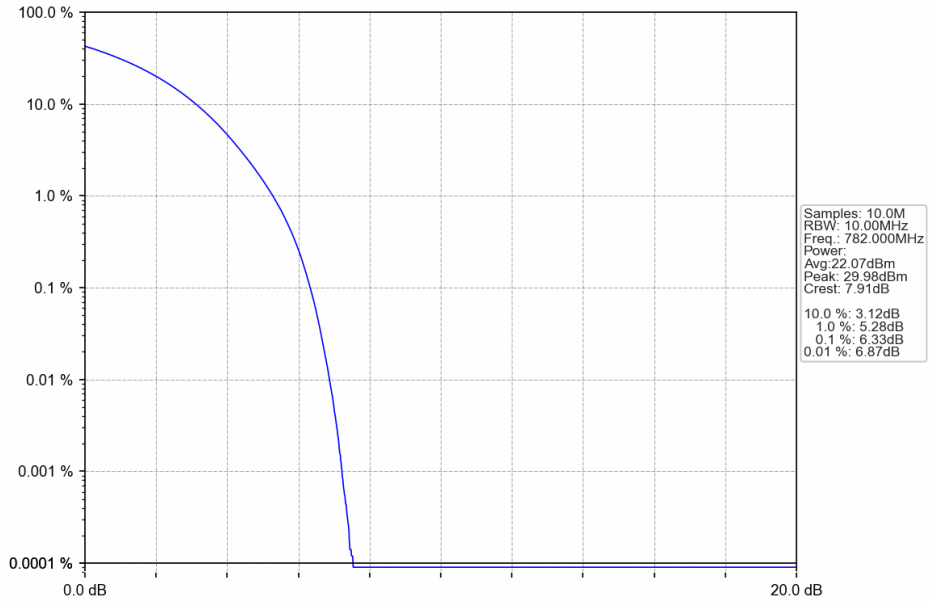
| Band: 13 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 782 | 50 | 0 | 5.45 | <=13 | Pass |
| 16QAM | 782 | 50 | 0 | 6.33 | <=13 | Pass |
| 64QAM | 782 | 50 | 0 | 6.32 | <=13 | Pass |

4.2.2 Test Graph

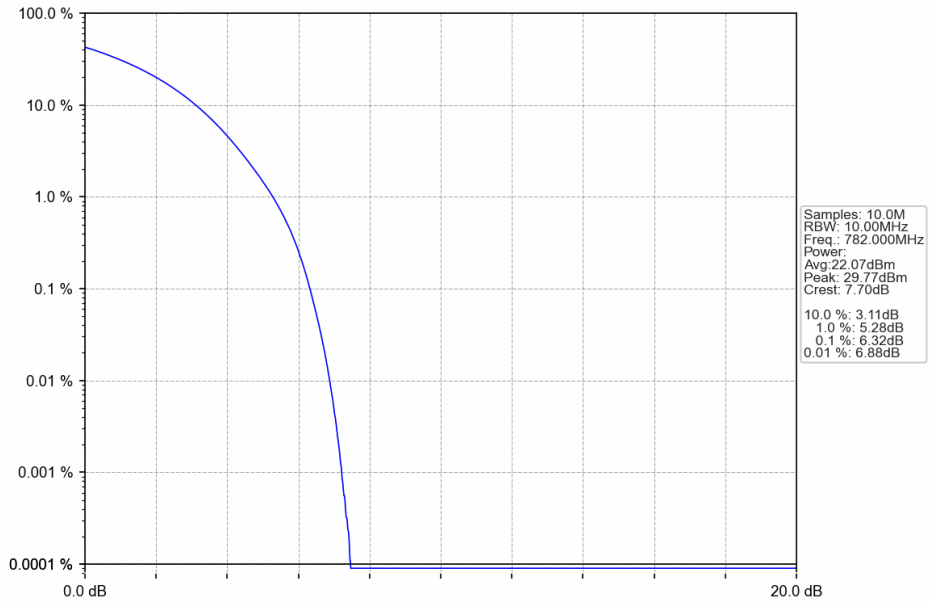
Band13_10MHz_QPSK_MCH_782MHz_RB_50_0_NTNV




Band13_10MHz_16QAM_MCH_782MHz_RB_50_0_NTNV



Band13_10MHz_64QAM_MCH_782MHz_RB_50_0_NTNV



# 5. Spurious Emission

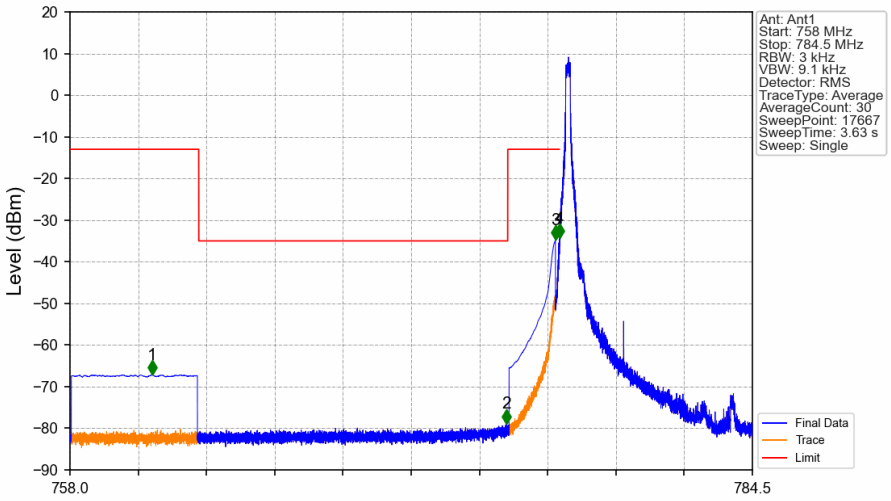
## 5.1 B13_5MHz

### 5.1.1 Test Result

| Band: 13 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 779.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 782 | 1 | 0 | Refer To Test Graph | | Pass |
| | 784.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 779.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 782 | 1 | 0 | Refer To Test Graph | | Pass |
| | 784.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| 64QAM | 779.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 782 | 1 | 0 | Refer To Test Graph | | Pass |
| | 784.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |

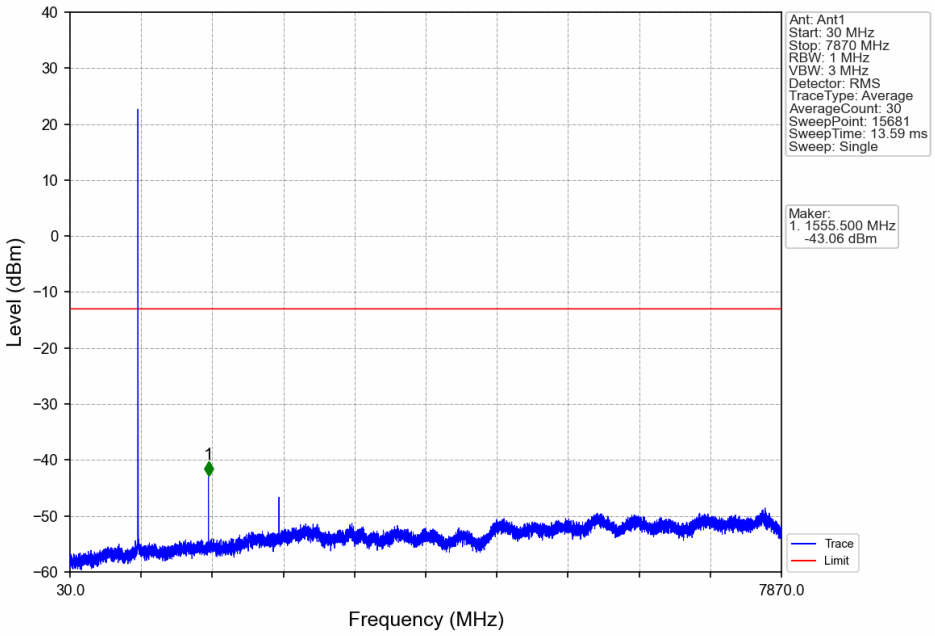
## 5.1.2 Test Graph

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

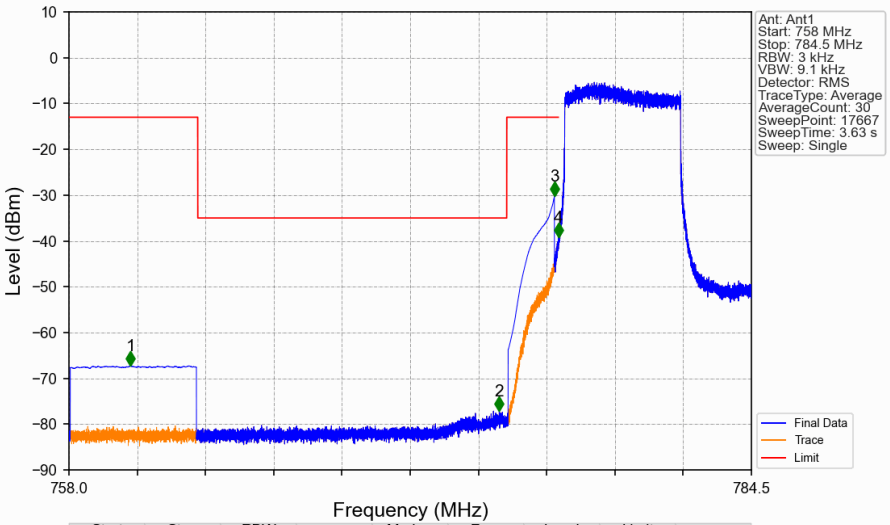



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 758 | 763 | 0.1 | CHP | 1 | 761.195 | -67.17 | -13 | Pass |
| 763 | 775 | 0.00625 | / | 2 | 774.942 | -78.85 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 3 | 776.850 | -34.67 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 4 | 777.000 | -34.35 | -13 | Pass |
| 777 | 784.5 | 0.03 | / | / | / | / | / | / |

Band13_5MHz_QPSK_LCH_779.5MHz_RB_1_0_NTNV

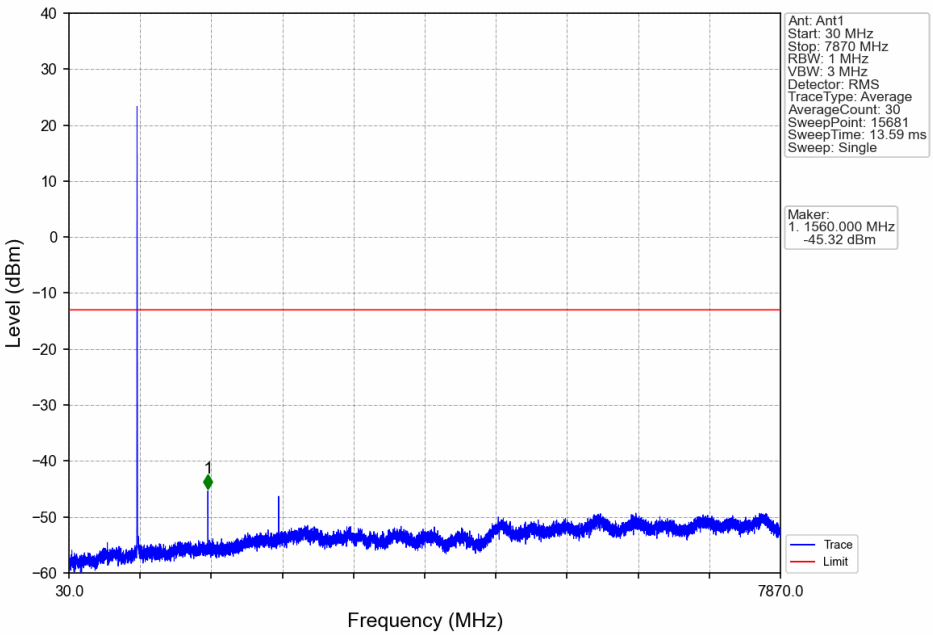


Band13_5MHz_QPSK_LCH_779.5MHz_RB_25_0_NTNV

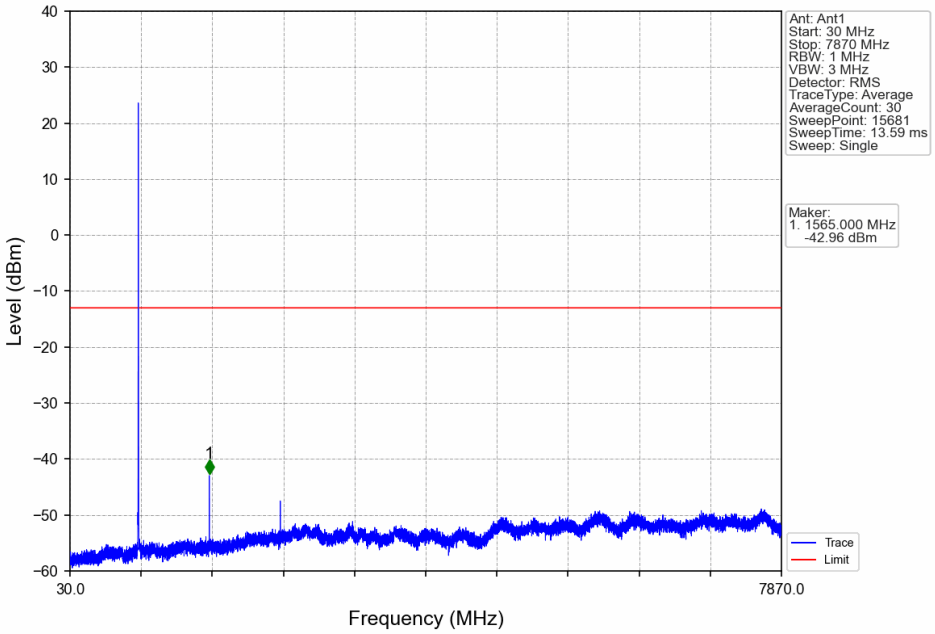



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 758 | 763 | 0.1 | CHP | 1 | 760.384 | -67.25 | -13 | Pass |
| 763 | 775 | 0.00625 | / | 2 | 774.709 | -77.11 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 3 | 776.850 | -30.23 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 4 | 777.000 | -39.18 | -13 | Pass |
| 777 | 784.5 | 0.03 | / | / | / | / | / | / |

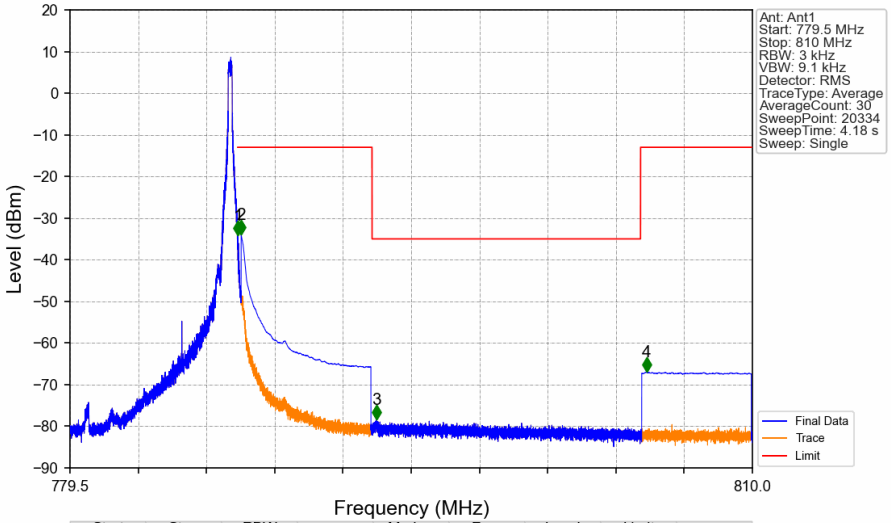
Band13_5MHz_QPSK_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_0_NTNV

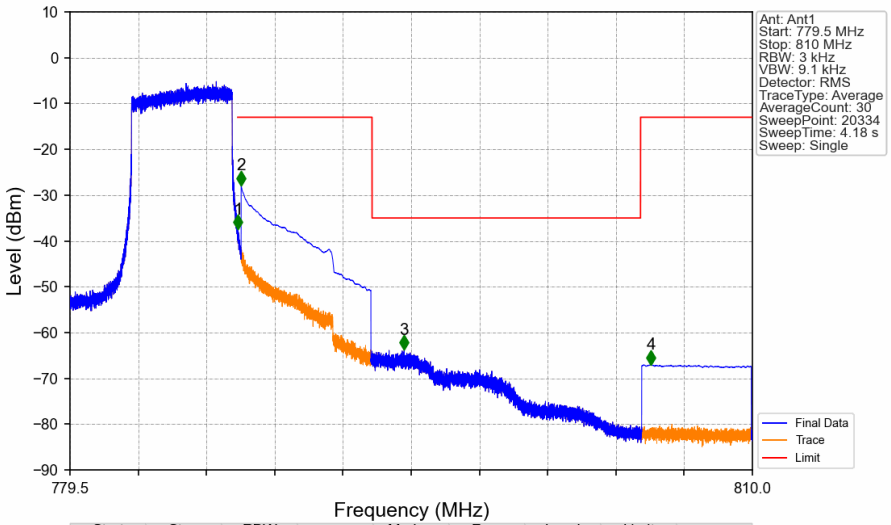



Band13_5MHz_QPSK_HCH_784.5MHz_RB_1_24_NTNV



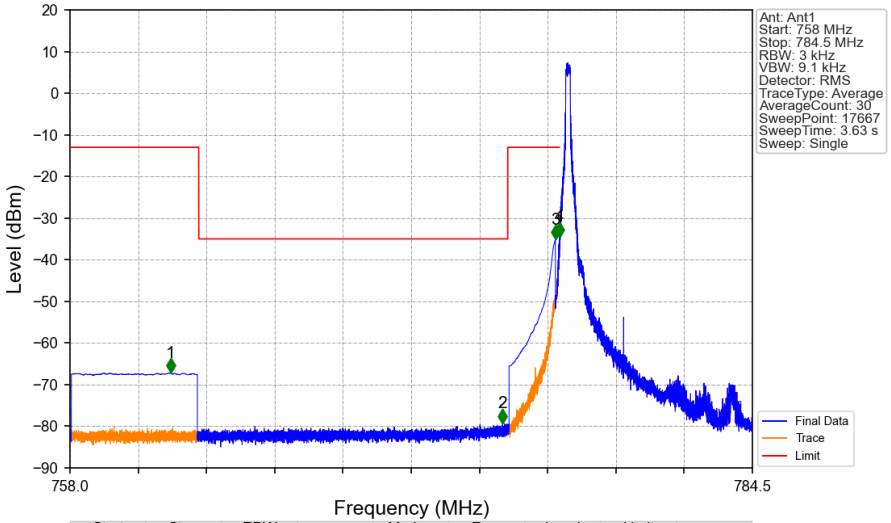

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 779.5 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.002 | -34.09 | -13 | Pass |
| 787.1 | 793 | 0.1 | CHP | 2 | 787.150 | -33.97 | -13 | Pass |
| 793 | 805 | 0.00625 | / | 3 | 793.183 | -78.41 | -35 | Pass |
| 805 | 810 | 0.1 | CHP | 4 | 805.264 | -66.98 | -13 | Pass |

Band13_5MHz_QPSK_HCH_784.5MHz_RB_25_0_NTNV



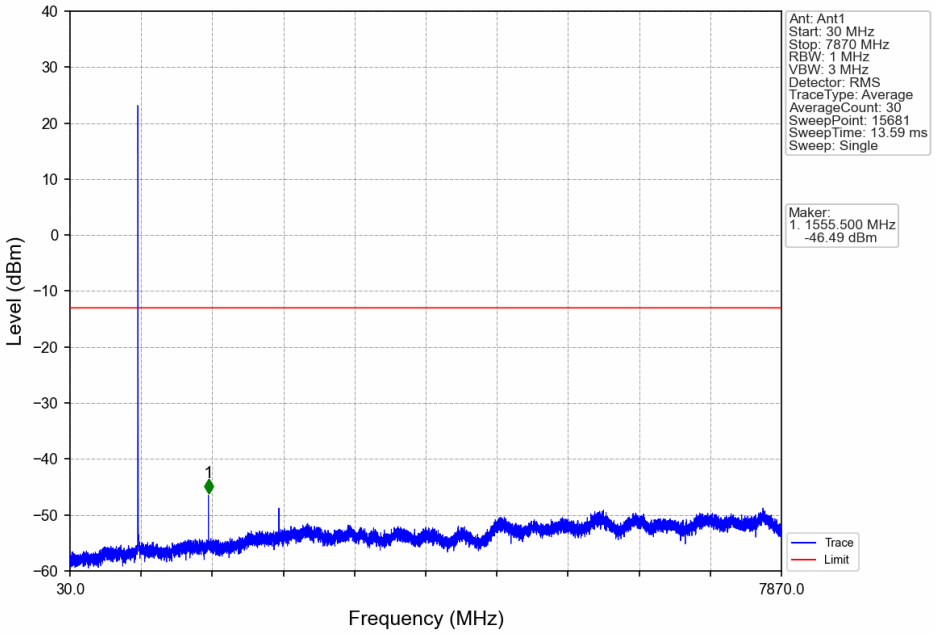

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 779.5 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.002 | -37.46 | -13 | Pass |
| 787.1 | 793 | 0.1 | CHP | 2 | 787.150 | -27.84 | -13 | Pass |
| 793 | 805 | 0.00625 | / | 3 | 794.437 | -63.79 | -35 | Pass |
| 805 | 810 | 0.1 | CHP | 4 | 805.473 | -67.01 | -13 | Pass |

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

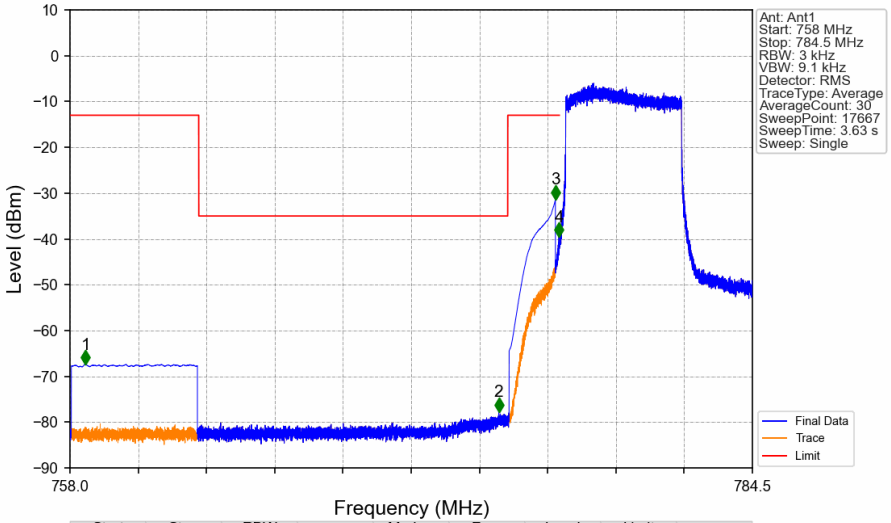



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 758 | 763 | 0.1 | CHP | 1 | 761.900 | -67.16 | -13 | Pass |
| 763 | 775 | 0.00625 | / | 2 | 774.802 | -79.26 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 3 | 776.850 | -35.07 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 4 | 777.000 | -34.43 | -13 | Pass |
| 777 | 784.5 | 0.03 | / | / | / | / | / | / |

Band13_5MHz_16QAM_LCH_779.5MHz_RB_1_0_NTNV

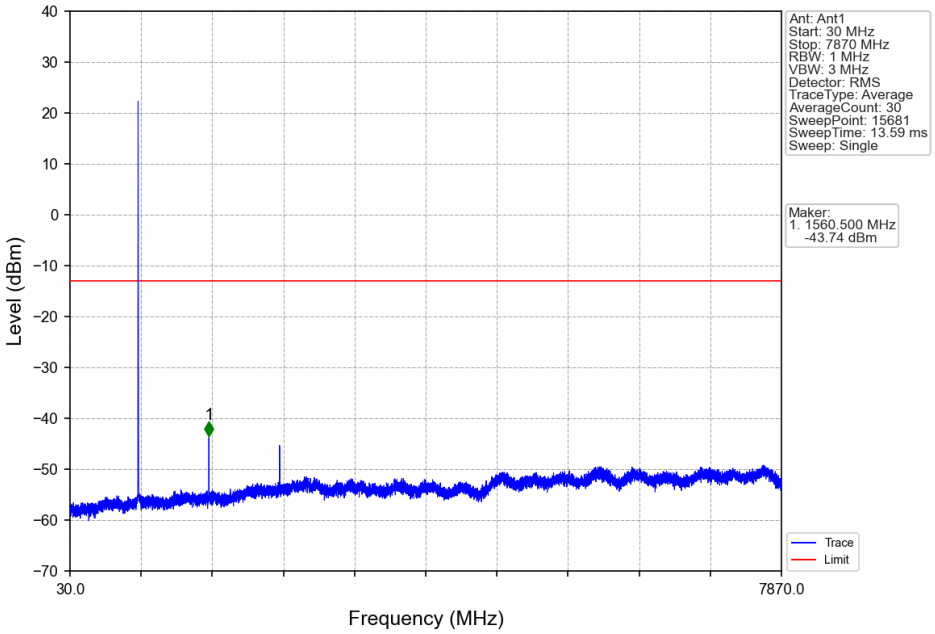



Band13_5MHz_16QAM_LCH_779.5MHz_RB_25_0_NTNV

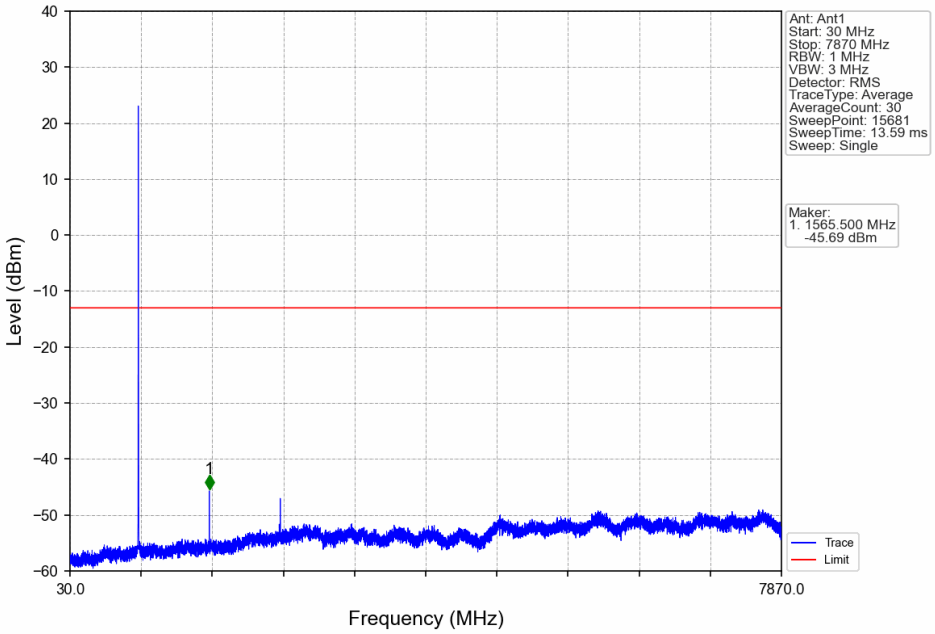



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 758 | 763 | 0.1 | CHP | 1 | 758.602 | -67.41 | -13 | Pass |
| 763 | 775 | 0.00625 | / | 2 | 774.649 | -77.77 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 3 | 776.850 | -31.36 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 4 | 776.986 | -39.61 | -13 | Pass |
| 777 | 784.5 | 0.03 | / | / | / | / | / | / |

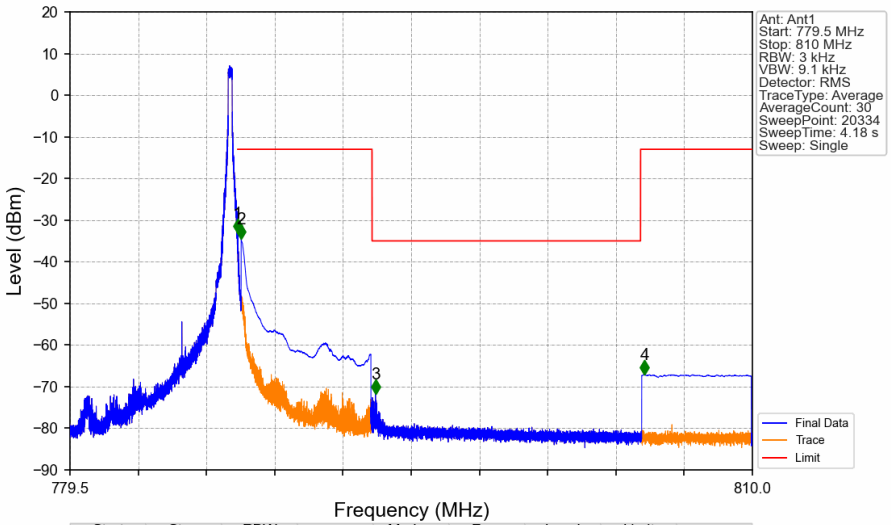
Band13_5MHz_16QAM_MCH_782MHz_RB_1_0_NTNV




Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_0_NTNV

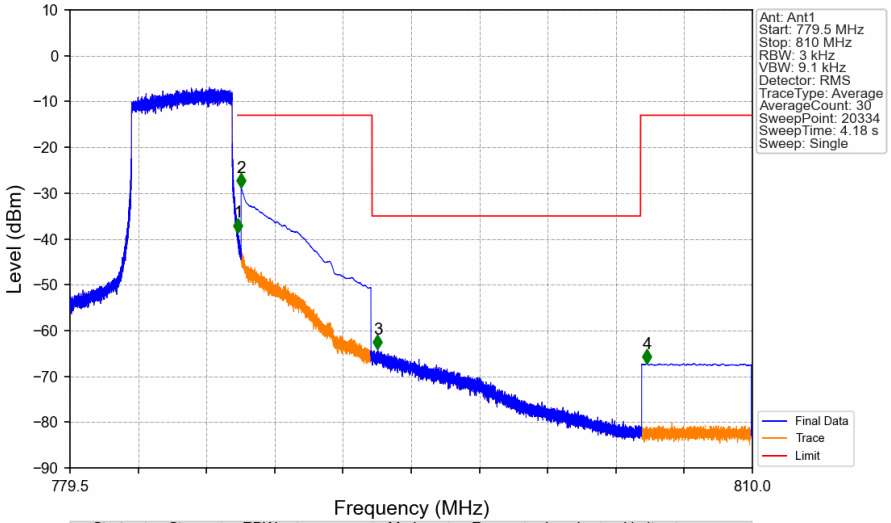


Band13_5MHz_16QAM_HCH_784.5MHz_RB_1_24_NTNV



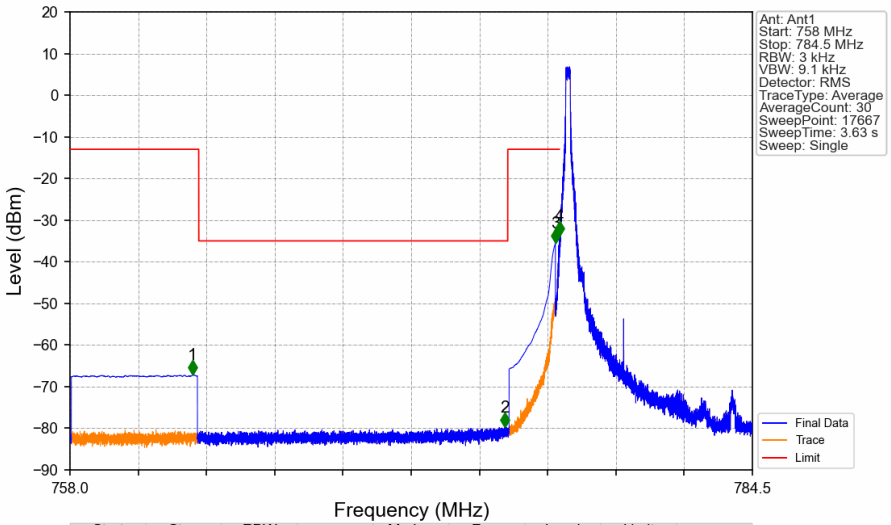

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 779.5 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.000 | -33.16 | -13 | Pass |
| 787.1 | 793 | 0.1 | CHP | 2 | 787.150 | -34.55 | -13 | Pass |
| 793 | 805 | 0.00625 | / | 3 | 793.153 | -71.75 | -35 | Pass |
| 805 | 810 | 0.1 | CHP | 4 | 805.176 | -67.05 | -13 | Pass |

Band13_5MHz_16QAM_HCH_784.5MHz_RB_25_0_NTNV



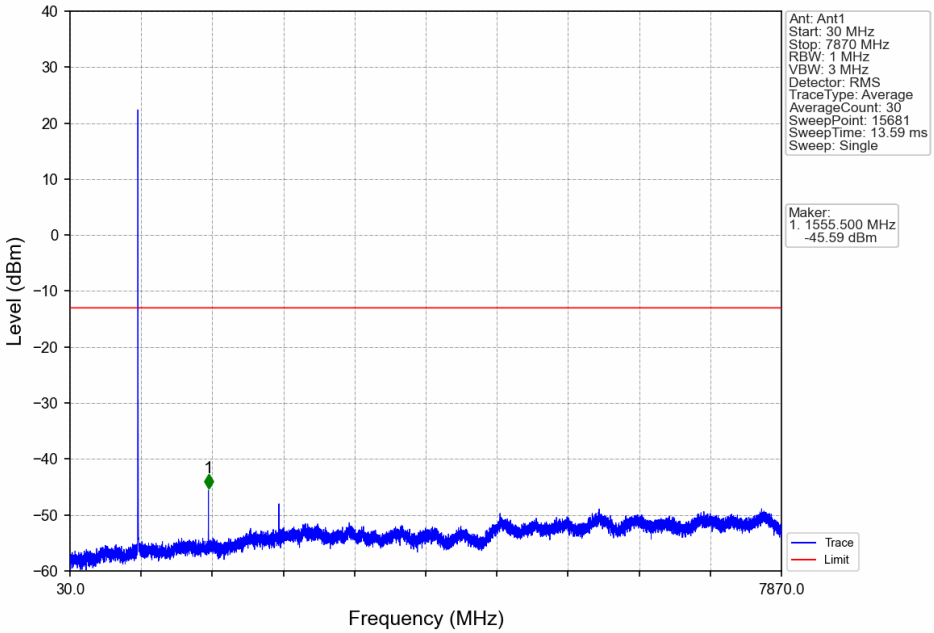

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 779.5 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.015 | -38.59 | -13 | Pass |
| 787.1 | 793 | 0.1 | CHP | 2 | 787.150 | -28.79 | -13 | Pass |
| 793 | 805 | 0.00625 | / | 3 | 793.254 | -64.10 | -35 | Pass |
| 805 | 810 | 0.1 | CHP | 4 | 805.284 | -67.23 | -13 | Pass |

Band13_5MHz_64QAM_LCH_779.5MHz_RB_1_0_NTNV

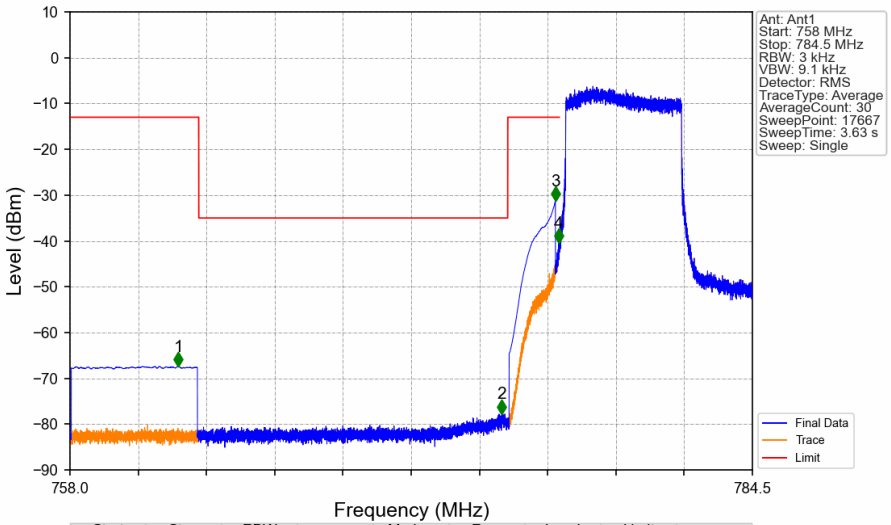



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 758 | 763 | 0.1 | CHP | 1 | 762.761 | -67.19 | -13 | Pass |
| 763 | 775 | 0.00625 | / | 2 | 774.885 | -79.73 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 3 | 776.850 | -35.57 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 4 | 777.000 | -33.73 | -13 | Pass |
| 777 | 784.5 | 0.03 | / | / | / | / | / | / |

Band13_5MHz_64QAM_LCH_779.5MHz_RB_1_0_NTNV

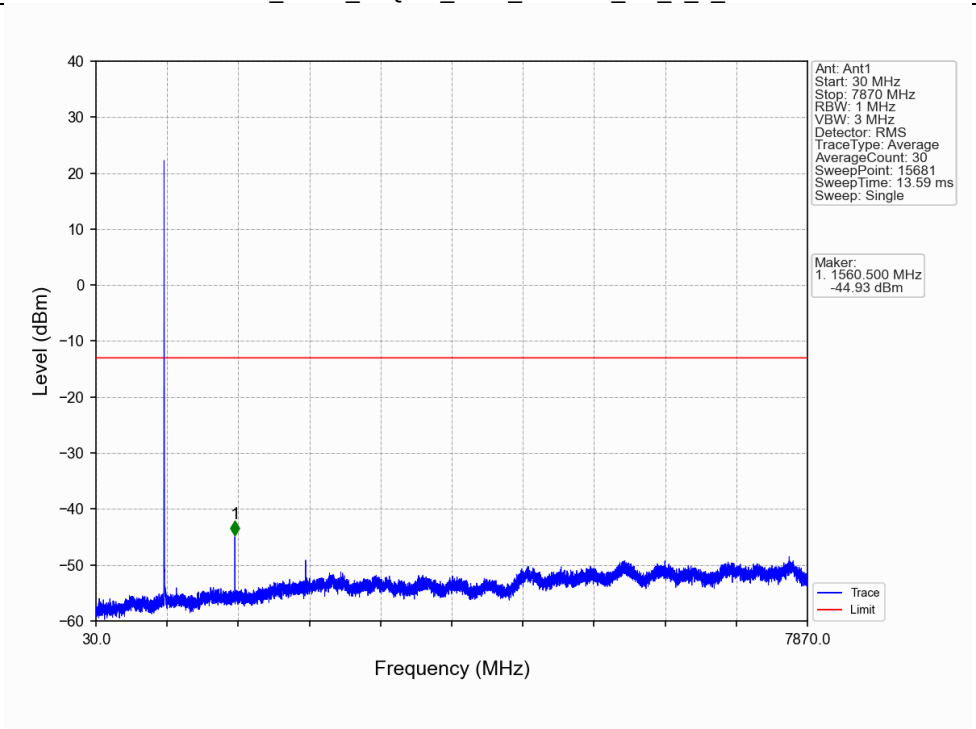


Band13_5MHz_64QAM_LCH_779.5MHz_RB_25_0_NTNV

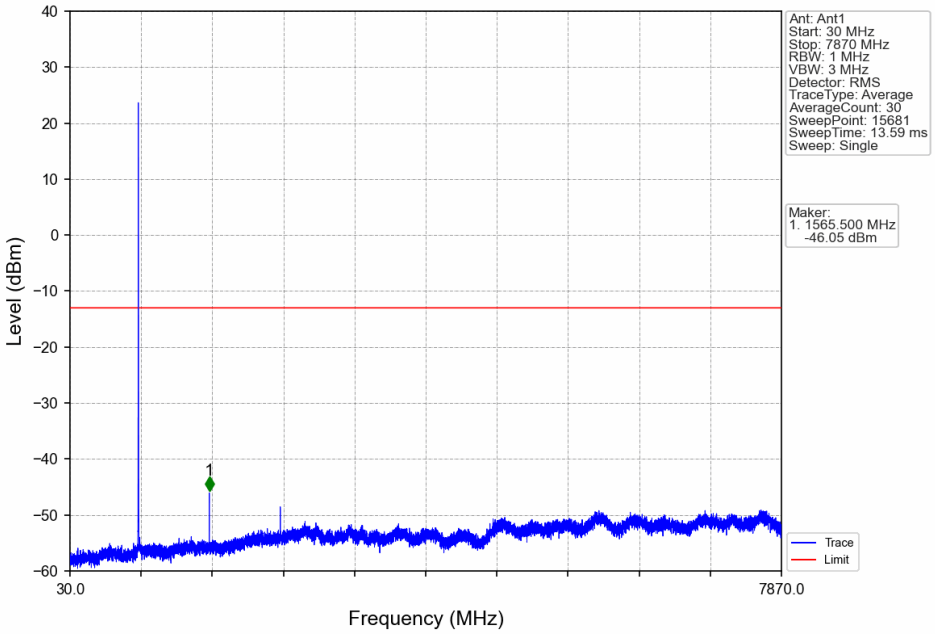



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 758 | 763 | 0.1 | CHP | 1 | 762.205 | -67.41 | -13 | Pass |
| 763 | 775 | 0.00625 | / | 2 | 774.772 | -77.74 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 3 | 776.850 | -31.23 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 4 | 776.973 | -40.52 | -13 | Pass |
| 777 | 784.5 | 0.03 | / | / | / | / | / | / |

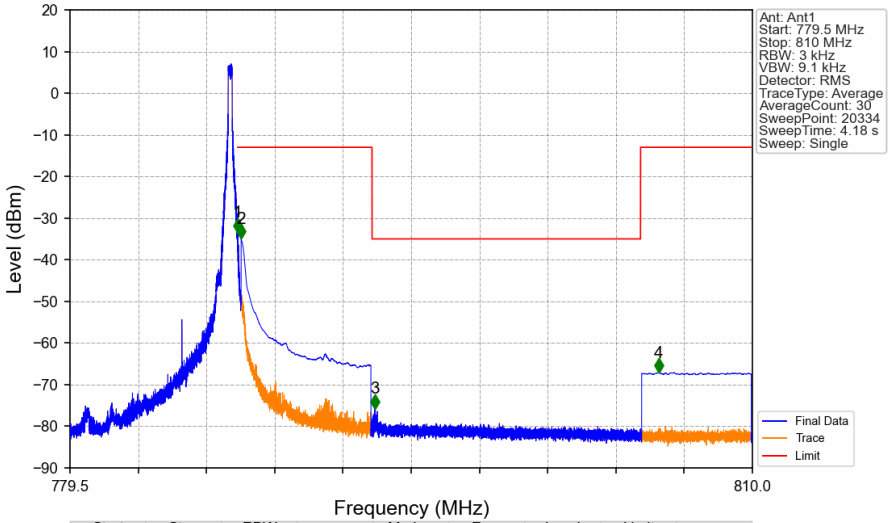
Band13_5MHz_64QAM_MCH_782MHz_RB_1_0_NTNV



Band13_5MHz_64QAM_HCH_784.5MHz_RB_1_0_NTNV

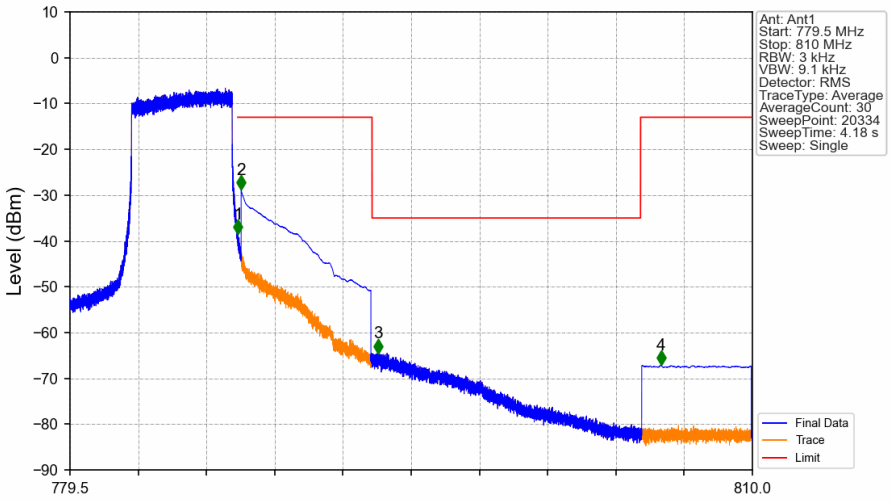



Band13_5MHz_64QAM_HCH_784.5MHz_RB_1_24_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 779.5 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.000 | -33.46 | -13 | Pass |
| 787.1 | 793 | 0.1 | CHP | 2 | 787.150 | -34.99 | -13 | Pass |
| 793 | 805 | 0.00625 | / | 3 | 793.128 | -75.77 | -35 | Pass |
| 805 | 810 | 0.1 | CHP | 4 | 805.801 | -67.08 | -13 | Pass |

Band13_5MHz_64QAM_HCH_784.5MHz_RB_25_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 779.5 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.002 | -38.56 | -13 | Pass |
| 787.1 | 793 | 0.1 | CHP | 2 | 787.150 | -28.76 | -13 | Pass |
| 793 | 805 | 0.00625 | / | 3 | 793.269 | -64.52 | -35 | Pass |
| 805 | 810 | 0.1 | CHP | 4 | 805.914 | -67.14 | -13 | Pass |

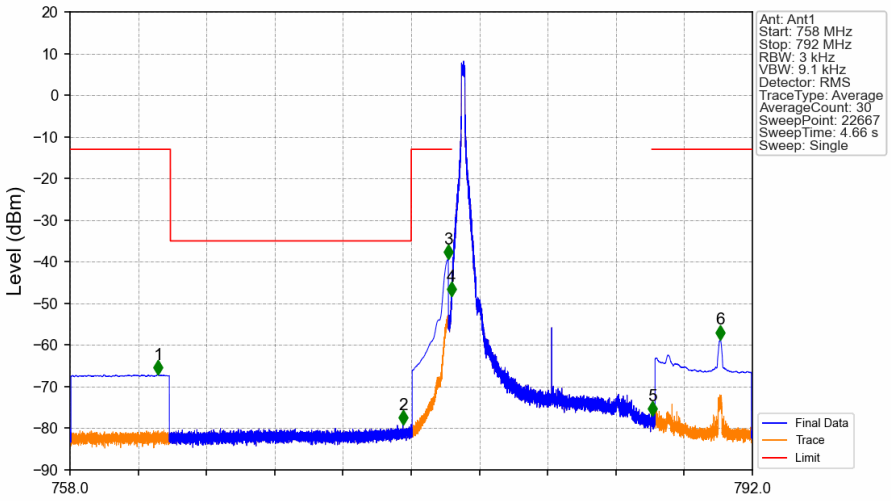
## 5.2 B13_10MHz

### 5.2.1 Test Result

| Band: 13 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 782 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 782 | 1 | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 782 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 782 | 1 | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| 64QAM | 782 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 782 | 1 | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |

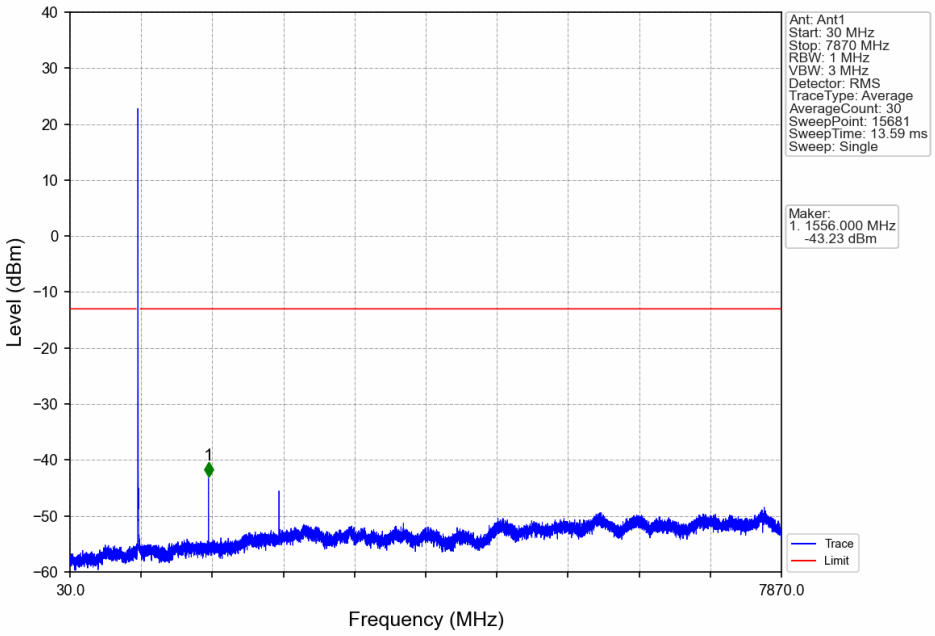
## 5.2.2 Test Graph

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

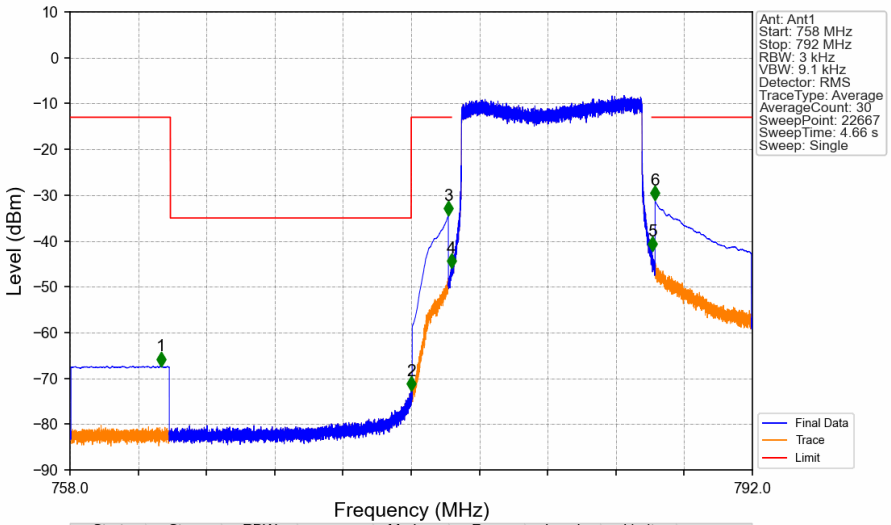



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 758 | 763 | 0.1 | CHP | 1 | 762.383 | -67.14 | -13 | Pass |
| 763 | 775 | 0.00625 | / | 2 | 774.587 | -79.12 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 3 | 776.842 | -39.42 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 4 | 776.997 | -48.29 | -13 | Pass |
| 777 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 5 | 787.017 | -77.02 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 6 | 790.408 | -58.68 | -13 | Pass |

Band13_10MHz_QPSK_LCH_782MHz_RB_1_0_NTNV

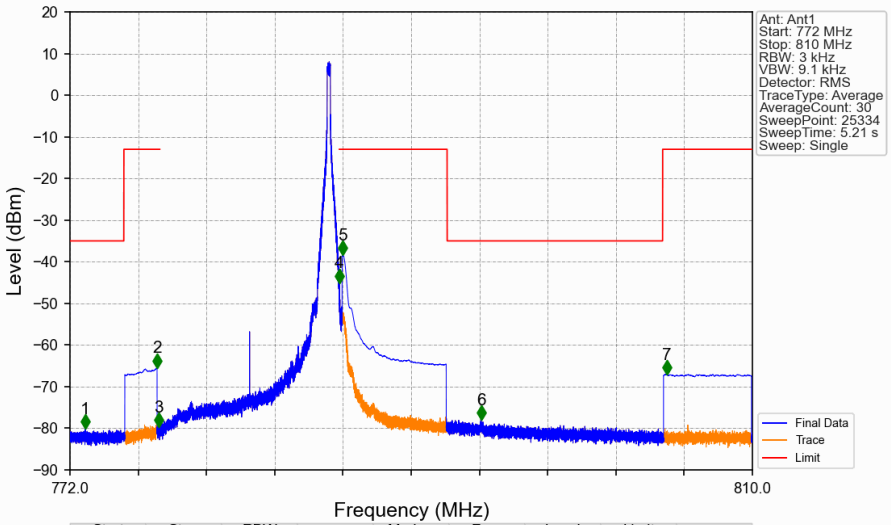


Band13_10MHz_QPSK_LCH_782MHz_RB_50_0_NTNV



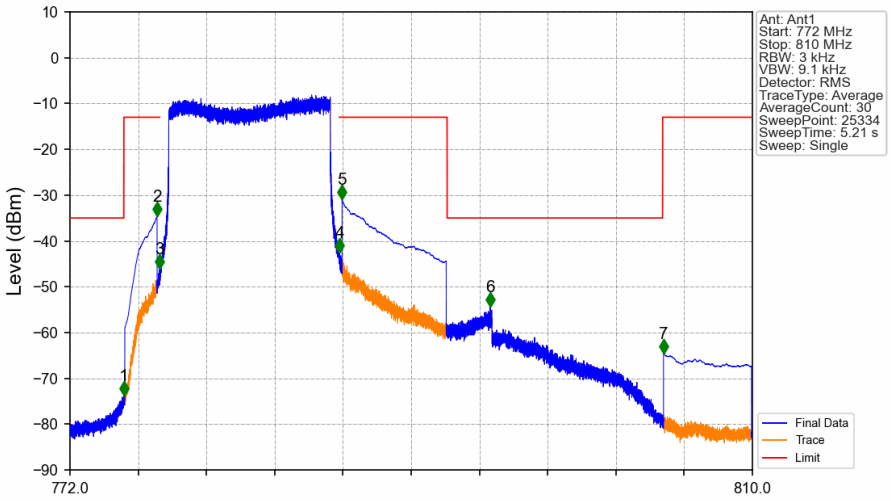

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 758 | 763 | 0.1 | CHP | 1 | 762.527 | -67.36 | -13 | Pass |
| 763 | 775 | 0.00625 | / | 2 | 775.000 | -72.66 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 3 | 776.850 | -34.47 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 4 | 777.000 | -45.99 | -13 | Pass |
| 777 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 5 | 787.000 | -42.20 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 6 | 787.152 | -31.13 | -13 | Pass |

Band13_10MHz_QPSK_HCH_782MHz_RB_1_49_NTNV



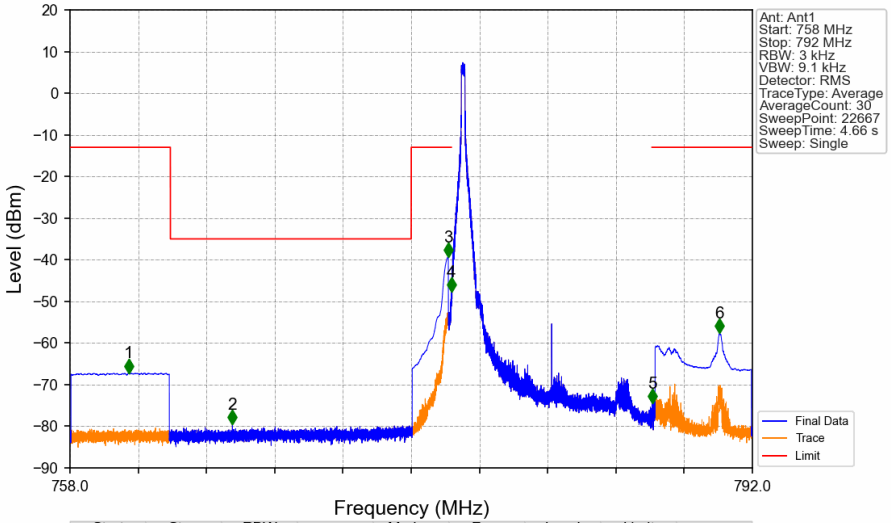

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | / | 1 | 772.854 | -80.16 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.838 | -65.47 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 3 | 776.946 | -79.75 | -13 | Pass |
| 777 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 4 | 787.003 | -45.11 | -13 | Pass |
| 787.1 | 793 | 0.1 | CHP | 5 | 787.182 | -38.48 | -13 | Pass |
| 793 | 805 | 0.00625 | / | 6 | 794.896 | -78.02 | -35 | Pass |
| 805 | 810 | 0.1 | CHP | 7 | 805.222 | -67.05 | -13 | Pass |

Band13_10MHz_QPSK_HCH_782MHz_RB_50_0_NTNV



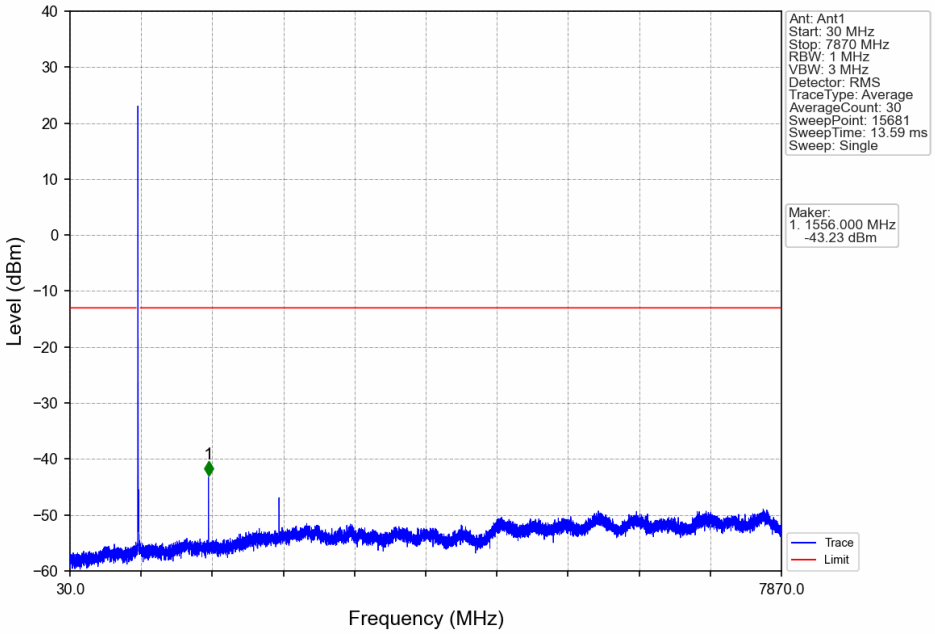

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | / | 1 | 774.991 | -73.84 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -34.61 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 3 | 776.983 | -46.15 | -13 | Pass |
| 777 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 4 | 787.012 | -42.58 | -13 | Pass |
| 787.1 | 793 | 0.1 | CHP | 5 | 787.150 | -30.92 | -13 | Pass |
| 793 | 805 | 0.00625 | / | 6 | 795.403 | -54.35 | -35 | Pass |
| 805 | 810 | 0.1 | CHP | 7 | 805.051 | -64.55 | -13 | Pass |

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

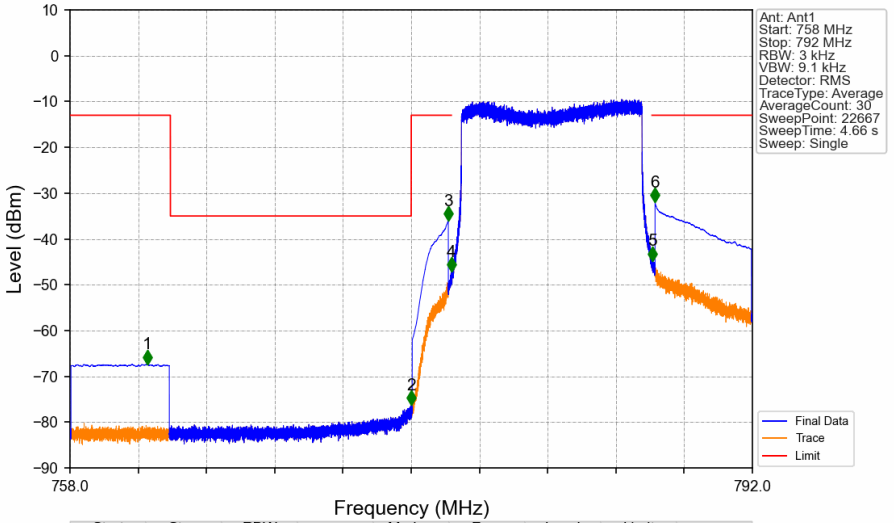



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 758 | 763 | 0.1 | CHP | 1 | 760.925 | -67.23 | -13 | Pass |
| 763 | 775 | 0.00625 | / | 2 | 766.094 | -79.59 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 3 | 776.833 | -39.32 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 4 | 776.998 | -47.72 | -13 | Pass |
| 777 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 5 | 787.018 | -74.56 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 6 | 790.369 | -57.61 | -13 | Pass |

Band13_10MHz_16QAM_LCH_782MHz_RB_1_0_NTNV

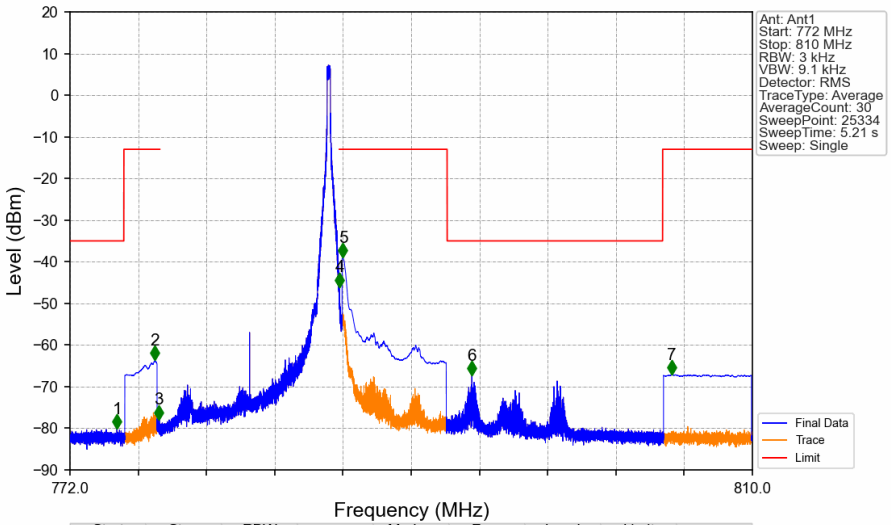



Band13_10MHz_16QAM_LCH_782MHz_RB_50_0_NTNV



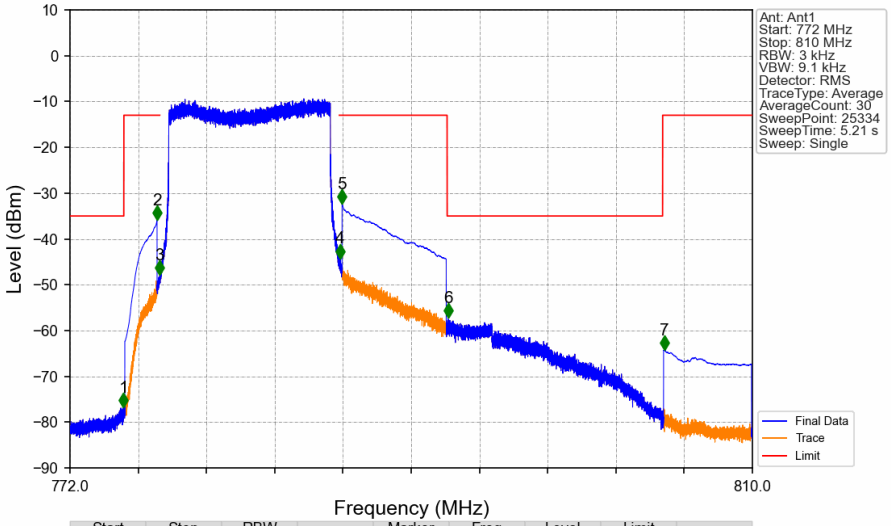

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 758 | 763 | 0.1 | CHP | 1 | 761.840 | -67.35 | -13 | Pass |
| 763 | 775 | 0.00625 | / | 2 | 775.000 | -76.25 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 3 | 776.850 | -36.01 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 4 | 776.998 | -47.13 | -13 | Pass |
| 777 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 5 | 787.015 | -44.77 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 6 | 787.150 | -32.04 | -13 | Pass |

Band13_10MHz_16QAM_HCH_782MHz_RB_1_49_NTNV



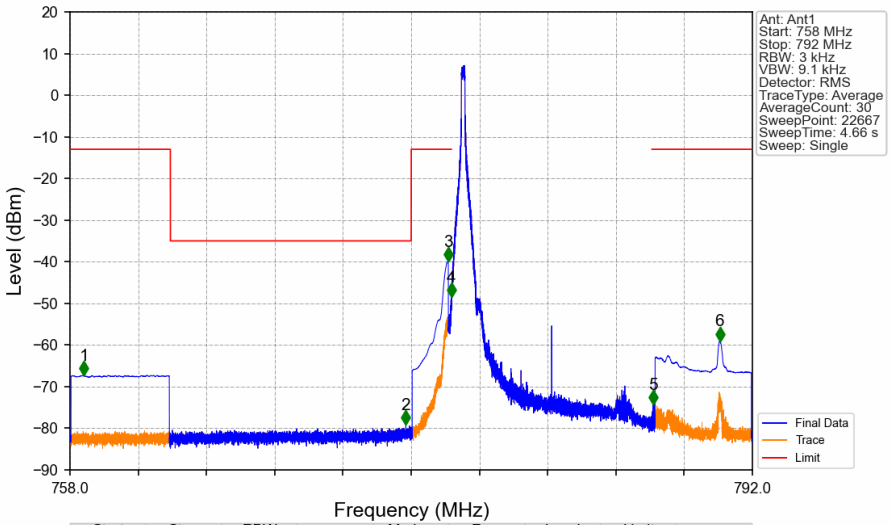

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | / | 1 | 774.613 | -80.15 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.733 | -63.62 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 3 | 776.919 | -77.88 | -13 | Pass |
| 777 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 4 | 787.017 | -46.08 | -13 | Pass |
| 787.1 | 793 | 0.1 | CHP | 5 | 787.200 | -39.01 | -13 | Pass |
| 793 | 805 | 0.00625 | / | 6 | 794.379 | -67.33 | -35 | Pass |
| 805 | 810 | 0.1 | CHP | 7 | 805.509 | -67.09 | -13 | Pass |

Band13_10MHz_16QAM_HCH_782MHz_RB_50_0_NTNV



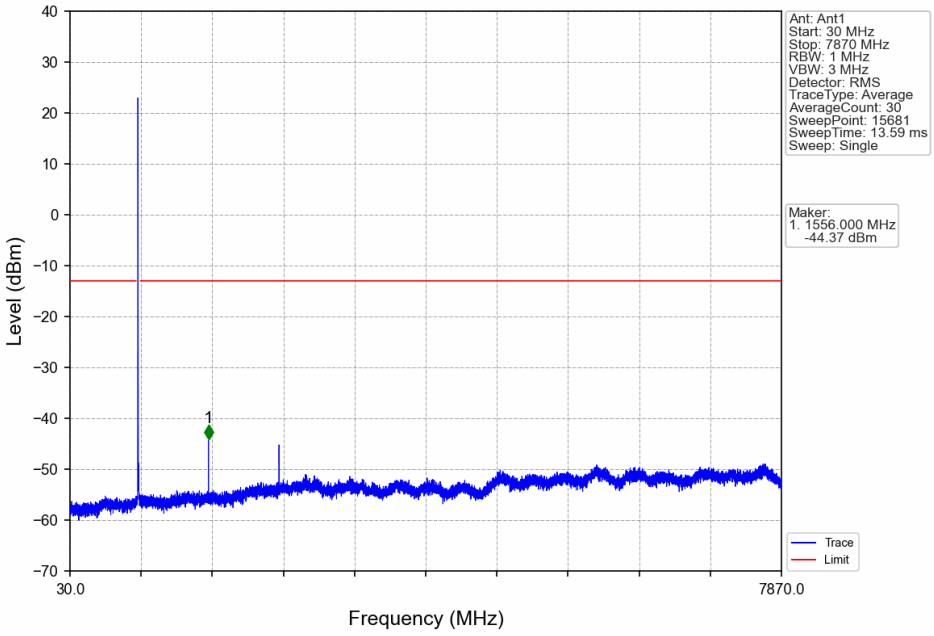

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | / | 1 | 774.973 | -76.78 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -35.90 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 3 | 777.000 | -47.93 | -13 | Pass |
| 777 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 4 | 787.029 | -44.24 | -13 | Pass |
| 787.1 | 793 | 0.1 | CHP | 5 | 787.150 | -32.29 | -13 | Pass |
| 793 | 805 | 0.00625 | / | 6 | 793.047 | -57.26 | -35 | Pass |
| 805 | 810 | 0.1 | CHP | 7 | 805.090 | -64.24 | -13 | Pass |

Band13_10MHz_64QAM_LCH_782MHz_RB_1_0_NTNV

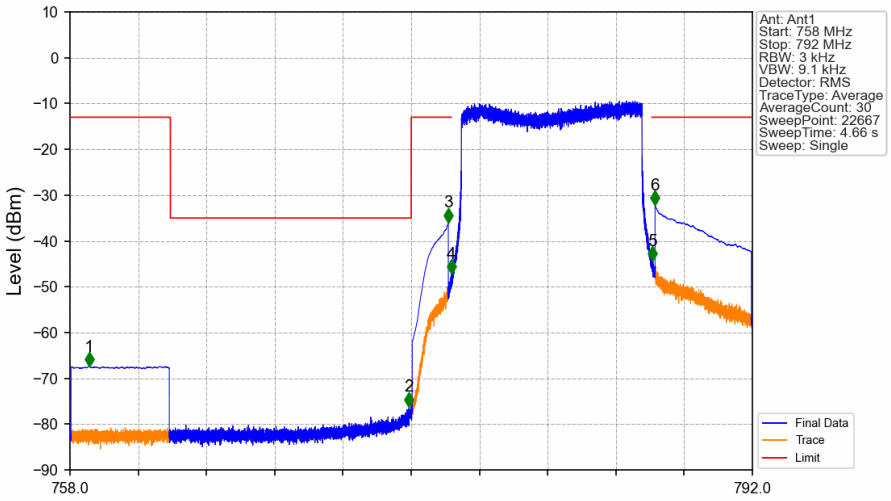



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 758 | 763 | 0.1 | CHP | 1 | 758.696 | -67.29 | -13 | Pass |
| 763 | 775 | 0.00625 | / | 2 | 774.736 | -79.14 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 3 | 776.842 | -39.97 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 4 | 777.000 | -48.44 | -13 | Pass |
| 777 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 5 | 787.038 | -74.24 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 6 | 790.374 | -59.08 | -13 | Pass |

Band13_10MHz_64QAM_LCH_782MHz_RB_1_0_NTNV

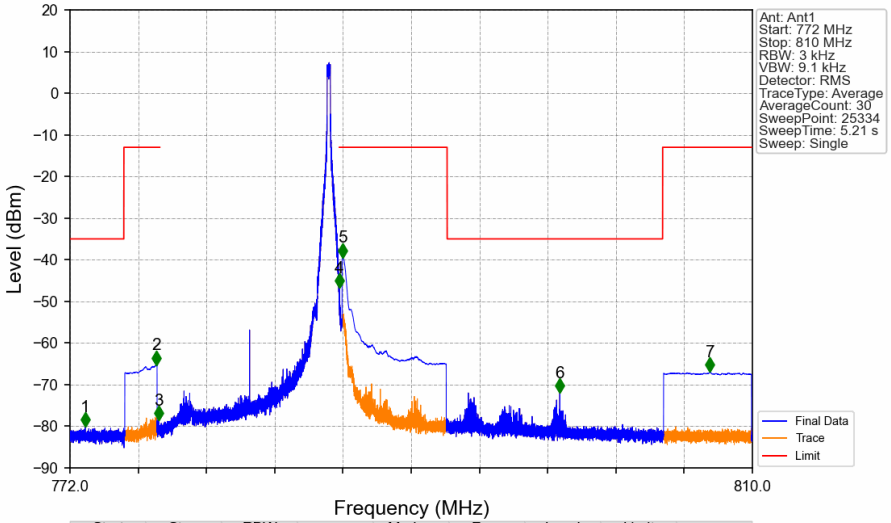


Band13_10MHz_64QAM_LCH_782MHz_RB_50_0_NTNV



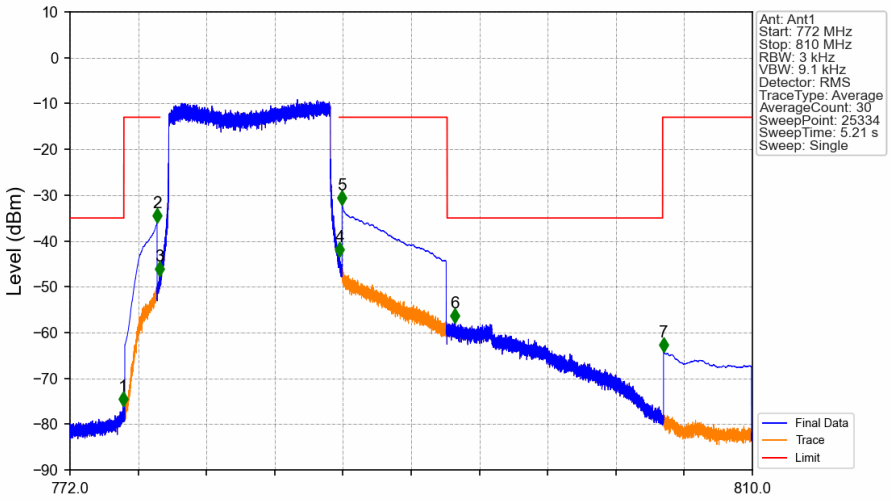

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 758 | 763 | 0.1 | CHP | 1 | 758.948 | -67.40 | -13 | Pass |
| 763 | 775 | 0.00625 | / | 2 | 774.898 | -76.17 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 3 | 776.850 | -35.95 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 4 | 777.000 | -47.12 | -13 | Pass |
| 777 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 5 | 787.015 | -44.40 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 6 | 787.150 | -32.22 | -13 | Pass |

Band13_10MHz_64QAM_HCH_782MHz_RB_1_49_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | / | 1 | 772.848 | -80.19 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.820 | -65.28 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 3 | 776.920 | -78.54 | -13 | Pass |
| 777 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 4 | 787.003 | -46.72 | -13 | Pass |
| 787.1 | 793 | 0.1 | CHP | 5 | 787.192 | -39.49 | -13 | Pass |
| 793 | 805 | 0.00625 | / | 6 | 799.276 | -71.96 | -35 | Pass |
| 805 | 810 | 0.1 | CHP | 7 | 807.636 | -66.97 | -13 | Pass |

Band13_10MHz_64QAM_HCH_782MHz_RB_50_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | / | 1 | 774.955 | -76.14 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.848 | -36.06 | -13 | Pass |
| 776.9 | 777 | 0.03 | / | 3 | 776.970 | -47.69 | -13 | Pass |
| 777 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 4 | 787.012 | -43.49 | -13 | Pass |
| 787.1 | 793 | 0.1 | CHP | 5 | 787.150 | -32.17 | -13 | Pass |
| 793 | 805 | 0.00625 | / | 6 | 793.410 | -57.88 | -35 | Pass |
| 805 | 810 | 0.1 | CHP | 7 | 805.063 | -64.20 | -13 | Pass |