# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B17_5MHz_ERP

| Band: 17 / Bandwidth: 5MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 706.5 | 1 | 0 | 22.45 | -6.27 | 14.03 | <=34.77 | Pass |
| | | | 13 | 22.58 | -6.27 | 14.16 | <=34.77 | Pass |
| | | | 24 | 22.45 | -6.27 | 14.03 | <=34.77 | Pass |
| | | 12 | 0 | 21.42 | -6.27 | 13.00 | <=34.77 | Pass |
| | | | 6 | 21.47 | -6.27 | 13.05 | <=34.77 | Pass |
| | | | 13 | 21.50 | -6.27 | 13.08 | <=34.77 | Pass |
| | | 25 | 0 | 21.45 | -6.27 | 13.03 | <=34.77 | Pass |
| | 710 | 1 | 0 | 22.38 | -6.27 | 13.96 | <=34.77 | Pass |
| | | | 13 | 22.49 | -6.27 | 14.07 | <=34.77 | Pass |
| | | | 24 | 22.35 | -6.27 | 13.93 | <=34.77 | Pass |
| | | 12 | 0 | 21.34 | -6.27 | 12.92 | <=34.77 | Pass |
| | | | 6 | 21.41 | -6.27 | 12.99 | <=34.77 | Pass |
| | | | 13 | 21.31 | -6.27 | 12.89 | <=34.77 | Pass |
| | | 25 | 0 | 21.34 | -6.27 | 12.92 | <=34.77 | Pass |
| | 713.5 | 1 | 0 | 22.27 | -6.27 | 13.85 | <=34.77 | Pass |
| | | | 13 | 22.43 | -6.27 | 14.01 | <=34.77 | Pass |
| | | | 24 | 22.32 | -6.27 | 13.90 | <=34.77 | Pass |
| | | 12 | 0 | 21.35 | -6.27 | 12.93 | <=34.77 | Pass |
| | | | 6 | 21.41 | -6.27 | 12.99 | <=34.77 | Pass |
| | | | 13 | 21.24 | -6.27 | 12.82 | <=34.77 | Pass |
| | | 25 | 0 | 21.37 | -6.27 | 12.95 | <=34.77 | Pass |
| 16QAM | 706.5 | 1 | 0 | 21.38 | -6.27 | 12.96 | <=34.77 | Pass |
| | | | 13 | 21.46 | -6.27 | 13.04 | <=34.77 | Pass |
| | | | 24 | 21.28 | -6.27 | 12.86 | <=34.77 | Pass |
| | | 12 | 0 | 20.47 | -6.27 | 12.05 | <=34.77 | Pass |
| | | | 6 | 20.53 | -6.27 | 12.11 | <=34.77 | Pass |
| | | | 13 | 20.51 | -6.27 | 12.09 | <=34.77 | Pass |
| | | 25 | 0 | 20.53 | -6.27 | 12.11 | <=34.77 | Pass |
| | 710 | 1 | 0 | 21.75 | -6.27 | 13.33 | <=34.77 | Pass |
| | | | 13 | 21.86 | -6.27 | 13.44 | <=34.77 | Pass |
| | | | 24 | 21.68 | -6.27 | 13.26 | <=34.77 | Pass |
| | | 12 | 0 | 20.35 | -6.27 | 11.93 | <=34.77 | Pass |
| | | | 6 | 20.43 | -6.27 | 12.01 | <=34.77 | Pass |
| | | | 13 | 20.30 | -6.27 | 11.88 | <=34.77 | Pass |
| | | 25 | 0 | 20.36 | -6.27 | 11.94 | <=34.77 | Pass |
| | 713.5 | 1 | 0 | 21.34 | -6.27 | 12.92 | <=34.77 | Pass |
| | | | 13 | 21.49 | -6.27 | 13.07 | <=34.77 | Pass |
| | | | 24 | 21.26 | -6.27 | 12.84 | <=34.77 | Pass |
| | | 12 | 0 | 20.38 | -6.27 | 11.96 | <=34.77 | Pass |
| | | | 6 | 20.46 | -6.27 | 12.04 | <=34.77 | Pass |
| | | | 13 | 20.30 | -6.27 | 11.88 | <=34.77 | Pass |
| | | 25 | 0 | 20.31 | -6.27 | 11.89 | <=34.77 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

### 1.1.2 B17_10MHz_ERP

| Band: 17 / Bandwidth: 10MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 709 | 1 | 0 | 22.53 | -6.27 | 14.11 | <=34.77 | Pass |
| | | | 25 | 22.60 | -6.27 | 14.18 | <=34.77 | Pass |
| | | | 49 | 22.47 | -6.27 | 14.05 | <=34.77 | Pass |
| | | 25 | 0 | 21.30 | -6.27 | 12.88 | <=34.77 | Pass |
| | | | 13 | 21.42 | -6.27 | 13.00 | <=34.77 | Pass |
| | | | 25 | 21.28 | -6.27 | 12.86 | <=34.77 | Pass |
| | | 50 | 0 | 21.34 | -6.27 | 12.92 | <=34.77 | Pass |
| | 710 | 1 | 0 | 22.52 | -6.27 | 14.10 | <=34.77 | Pass |
| | | | 25 | 22.56 | -6.27 | 14.14 | <=34.77 | Pass |
| | | | 49 | 22.50 | -6.27 | 14.08 | <=34.77 | Pass |
| | | 25 | 0 | 21.24 | -6.27 | 12.82 | <=34.77 | Pass |
| | | | 13 | 21.40 | -6.27 | 12.98 | <=34.77 | Pass |
| | | | 25 | 21.24 | -6.27 | 12.82 | <=34.77 | Pass |
| | | 50 | 0 | 21.36 | -6.27 | 12.94 | <=34.77 | Pass |
| | 711 | 1 | 0 | 22.37 | -6.27 | 13.95 | <=34.77 | Pass |
| | | | 25 | 22.43 | -6.27 | 14.01 | <=34.77 | Pass |
| | | | 49 | 22.41 | -6.27 | 13.99 | <=34.77 | Pass |
| | | 25 | 0 | 21.29 | -6.27 | 12.87 | <=34.77 | Pass |
| | | | 13 | 21.39 | -6.27 | 12.97 | <=34.77 | Pass |
| | | | 25 | 21.26 | -6.27 | 12.84 | <=34.77 | Pass |
| | | 50 | 0 | 21.34 | -6.27 | 12.92 | <=34.77 | Pass |
| 16QAM | 709 | 1 | 0 | 21.81 | -6.27 | 13.39 | <=34.77 | Pass |
| | | | 25 | 21.84 | -6.27 | 13.42 | <=34.77 | Pass |
| | | | 49 | 21.78 | -6.27 | 13.36 | <=34.77 | Pass |
| | | 25 | 0 | 20.33 | -6.27 | 11.91 | <=34.77 | Pass |
| | | | 13 | 20.47 | -6.27 | 12.05 | <=34.77 | Pass |
| | | | 25 | 20.32 | -6.27 | 11.90 | <=34.77 | Pass |
| | | 50 | 0 | 20.35 | -6.27 | 11.93 | <=34.77 | Pass |
| | 710 | 1 | 0 | 21.37 | -6.27 | 12.95 | <=34.77 | Pass |
| | | | 25 | 21.36 | -6.27 | 12.94 | <=34.77 | Pass |
| | | | 49 | 21.30 | -6.27 | 12.88 | <=34.77 | Pass |
| | | 25 | 0 | 20.36 | -6.27 | 11.94 | <=34.77 | Pass |
| | | | 13 | 20.47 | -6.27 | 12.05 | <=34.77 | Pass |
| | | | 25 | 20.40 | -6.27 | 11.98 | <=34.77 | Pass |
| | | 50 | 0 | 20.34 | -6.27 | 11.92 | <=34.77 | Pass |
| | 711 | 1 | 0 | 21.37 | -6.27 | 12.95 | <=34.77 | Pass |
| | | | 25 | 21.43 | -6.27 | 13.01 | <=34.77 | Pass |
| | | | 49 | 21.34 | -6.27 | 12.92 | <=34.77 | Pass |
| | | 25 | 0 | 20.32 | -6.27 | 11.90 | <=34.77 | Pass |
| | | | 13 | 20.50 | -6.27 | 12.08 | <=34.77 | Pass |
| | | | 25 | 20.35 | -6.27 | 11.93 | <=34.77 | Pass |
| | | 50 | 0 | 20.29 | -6.27 | 11.87 | <=34.77 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

# 2. Frequency Stability

## 2.1 Test Result

### 2.1.1 B17_5MHz

| Band: 17 / Bandwidth: 5MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| QPSK | 706.5 | 25 | 0 | 20 | 3.27 | -6.151 | -0.0087 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -4.320 | -0.0061 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -5.550 | -0.0079 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -1.359 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -5.879 | -0.0083 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -2.418 | -0.0034 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -3.104 | -0.0044 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -4.063 | -0.0058 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -4.849 | -0.0069 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -0.601 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -1.502 | -0.0021 | -2.5 to 2.5 | Pass |
| | 710 | 25 | 0 | 20 | 3.27 | -3.476 | -0.0049 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -4.063 | -0.0057 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -4.663 | -0.0066 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -4.406 | -0.0062 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -3.605 | -0.0051 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -1.130 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -2.289 | -0.0032 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -1.216 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -1.960 | -0.0028 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -2.818 | -0.0040 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -2.303 | -0.0032 | -2.5 to 2.5 | Pass |
| | 713.5 | 25 | 0 | 20 | 3.27 | -1.245 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -5.307 | -0.0074 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -0.930 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -2.217 | -0.0031 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -0.186 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -5.364 | -0.0075 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -1.373 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.745 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -2.389 | -0.0033 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -0.386 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -0.386 | -0.0005 | -2.5 to 2.5 | Pass |
| 16QAM | 706.5 | 25 | 0 | 20 | 3.27 | -2.432 | -0.0034 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -1.602 | -0.0023 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -4.220 | -0.0060 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.200 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 0.687 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -3.676 | -0.0052 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -3.576 | -0.0051 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -3.805 | -0.0054 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -6.580 | -0.0093 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -1.502 | -0.0021 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -3.147 | -0.0045 | -2.5 to 2.5 | Pass |
| | 710 | 25 | 0 | 20 | 3.27 | 0.701 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -3.562 | -0.0050 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -2.732 | -0.0038 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -7.281 | -0.0103 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -1.345 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -1.473 | -0.0021 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 0.272 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -1.616 | -0.0023 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -0.601 | -0.0008 | -2.5 to 2.5 | Pass |
| | 713.5 | 25 | 0 | 20 | 3.27 | 1.860 | 0.0026 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -4.163 | -0.0058 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -0.787 | -0.0011 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -30 | 3.85 | -3.777 | -0.0053 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -3.090 | -0.0043 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -4.520 | -0.0063 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -2.446 | -0.0034 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.060 | 0.0029 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.345 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -3.505 | -0.0049 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.758 | 0.0011 | -2.5 to 2.5 | Pass |

## 2.1.2 B17_10MHz

| Band: 17 / Bandwidth: 10MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 709 | 50 | 0 | 20 | 3.27 | -2.804 | -0.0040 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -2.933 | -0.0041 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -5.164 | -0.0073 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -4.191 | -0.0059 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -3.276 | -0.0046 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -3.147 | -0.0044 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -3.533 | -0.0050 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -2.632 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -4.234 | -0.0060 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -2.460 | -0.0035 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -2.975 | -0.0042 | -2.5 to 2.5 | Pass |
| | 710 | 50 | 0 | 20 | 3.27 | -0.916 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -1.473 | -0.0021 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 0.243 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -2.818 | -0.0040 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -0.358 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -1.602 | -0.0023 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -1.717 | -0.0024 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -3.090 | -0.0044 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -2.961 | -0.0042 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -2.174 | -0.0031 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -1.774 | -0.0025 | -2.5 to 2.5 | Pass |
| | 711 | 50 | 0 | 20 | 3.27 | -1.688 | -0.0024 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -2.475 | -0.0035 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -2.403 | -0.0034 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -3.262 | -0.0046 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -4.292 | -0.0060 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -3.877 | -0.0055 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -2.646 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -2.804 | -0.0039 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -3.033 | -0.0043 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -2.575 | -0.0036 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -3.633 | -0.0051 | -2.5 to 2.5 | Pass |
| 16QAM | 709 | 50 | 0 | 20 | 3.27 | -4.635 | -0.0065 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -4.148 | -0.0059 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -3.304 | -0.0047 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -3.548 | -0.0050 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -3.991 | -0.0056 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -5.150 | -0.0073 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -4.191 | -0.0059 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -3.319 | -0.0047 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -2.933 | -0.0041 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -3.247 | -0.0046 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 50 | 3.85 | -1.974 | -0.0028 | -2.5 to 2.5 | Pass |
| | 710 | 50 | 0 | 20 | 3.27 | -3.076 | -0.0043 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -3.033 | -0.0043 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -3.519 | -0.0050 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -2.861 | -0.0040 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -3.977 | -0.0056 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -4.678 | -0.0066 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -2.060 | -0.0029 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -2.975 | -0.0042 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -0.386 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -2.174 | -0.0031 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -4.106 | -0.0058 | -2.5 to 2.5 | Pass |
| | 711 | 50 | 0 | 20 | 3.27 | -5.322 | -0.0075 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -2.575 | -0.0036 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -2.632 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -3.276 | -0.0046 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -0.787 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -2.761 | -0.0039 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -0.401 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -2.732 | -0.0038 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -0.801 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -3.819 | -0.0054 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -1.802 | -0.0025 | -2.5 to 2.5 | Pass |

# 3. Modulation Characteristics

## 3.1 Test Result

### 3.1.1 B17_5MHz

| Band: 17 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 710 | 25 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 710 | 25 | 0 | Refer To Test Graph | | Pass |

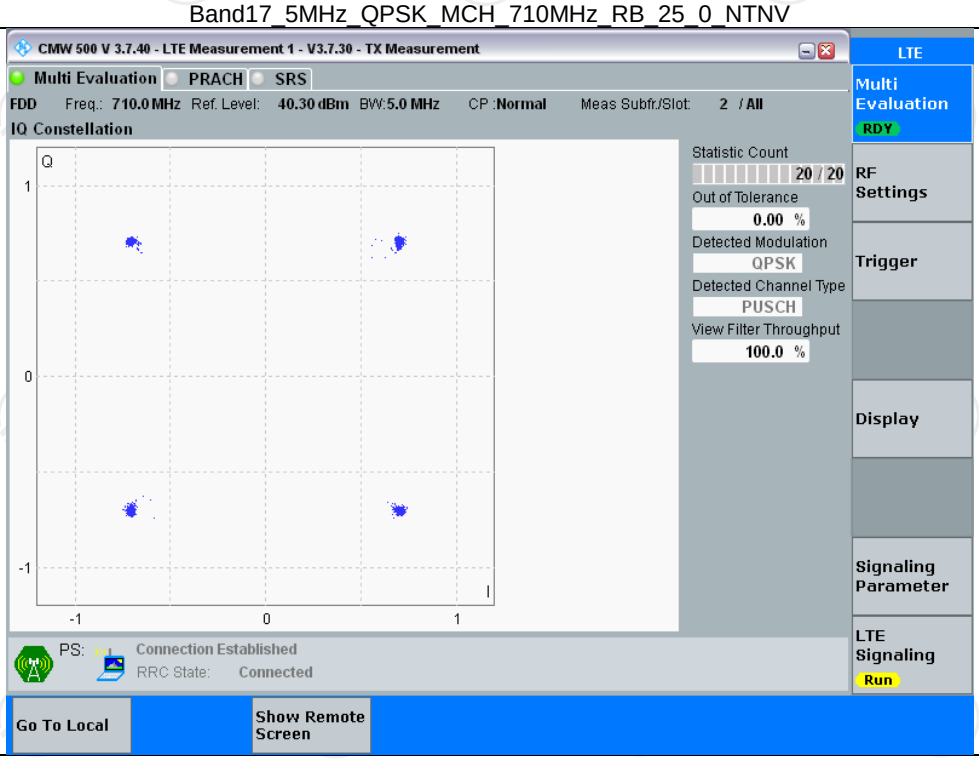
### 3.1.2 B17_10MHz

| Band: 17 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 710 | 50 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 710 | 50 | 0 | Refer To Test Graph | | Pass |

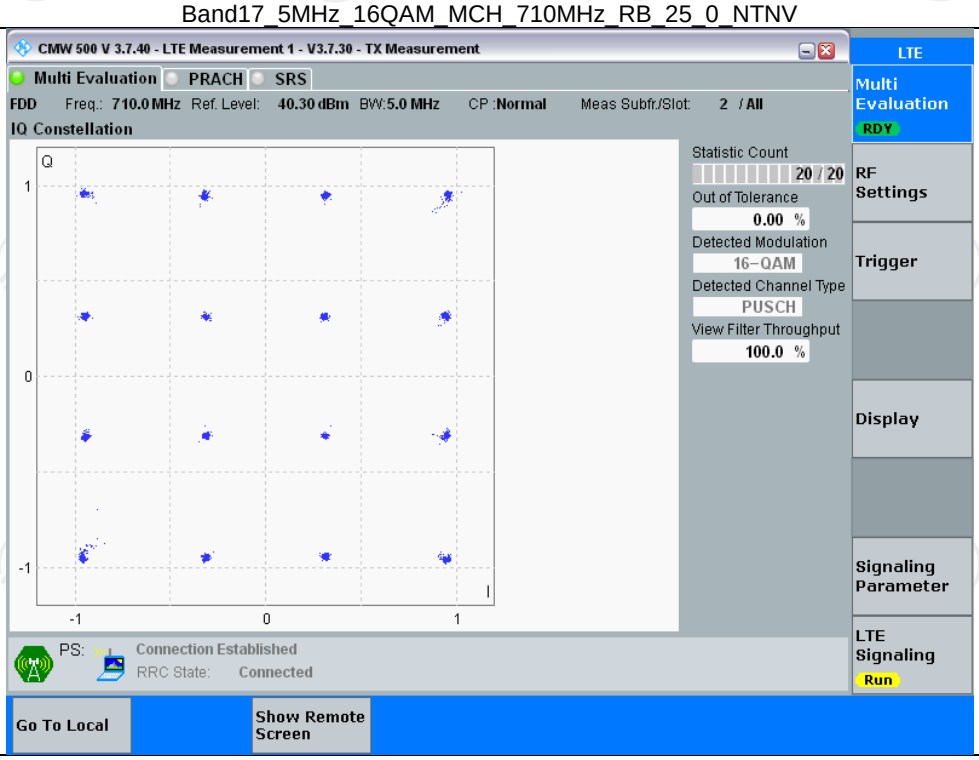
## 3.2 Test Graph

### 3.2.1 B17_5MHz

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV

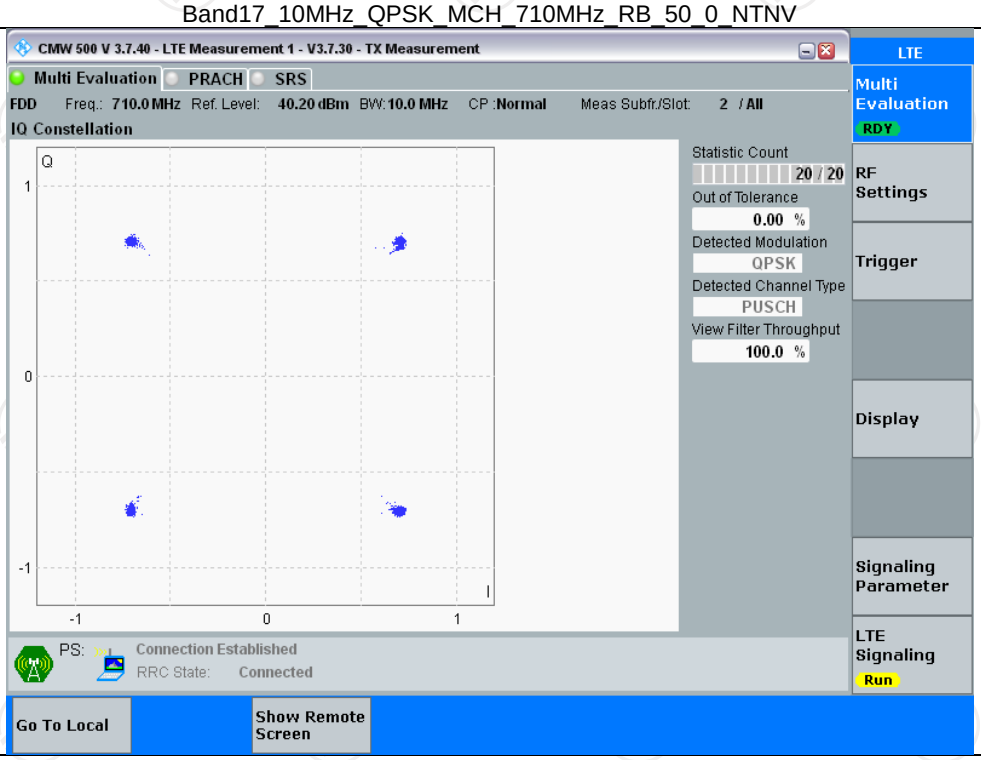



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

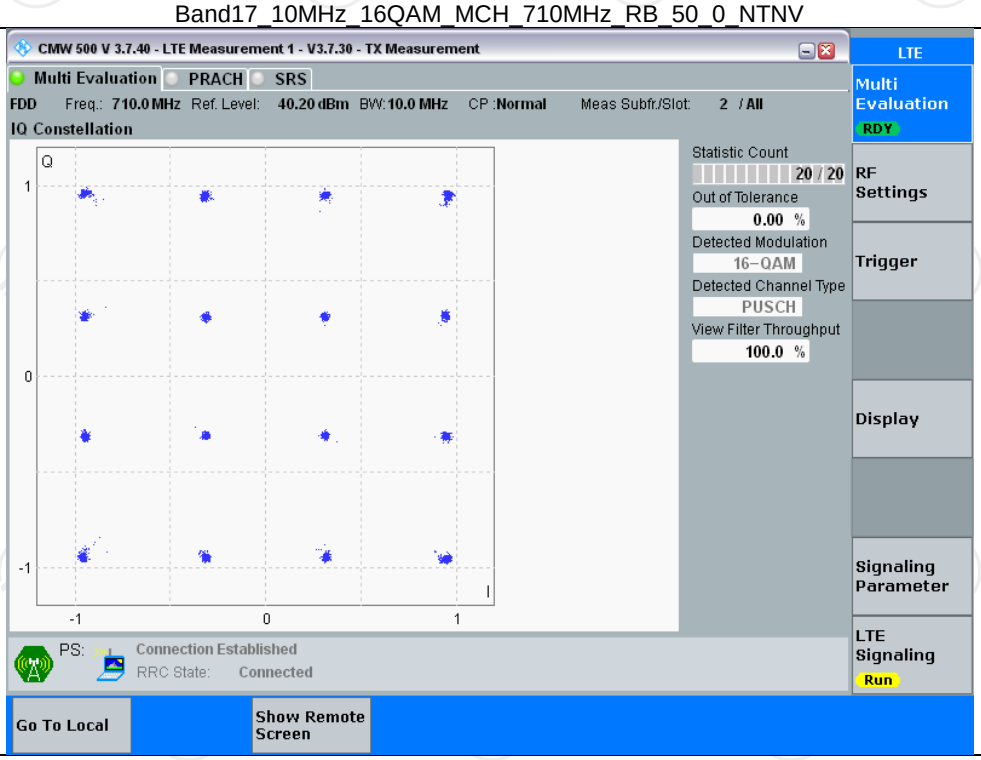


### 3.2.2 B17_10MHz

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV




Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



# 4. 99% & 26dB Bandwidth

## 4.1 Test Result

### 4.1.1 Band17_OBW

| Band: 17 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 5 | QPSK | 706.5 | 25 | 0 | 4.535 | / | Pass |
| | | 710 | 25 | 0 | 4.539 | / | Pass |
| | | 713.5 | 25 | 0 | 4.558 | / | Pass |
| | 16QAM | 706.5 | 25 | 0 | 4.567 | / | Pass |
| | | 710 | 25 | 0 | 4.545 | / | Pass |
| | | 713.5 | 25 | 0 | 4.531 | / | Pass |
| 10 | QPSK | 709 | 50 | 0 | 9.034 | / | Pass |
| | | 710 | 50 | 0 | 9.037 | / | Pass |
| | | 711 | 50 | 0 | 9.025 | / | Pass |
| | 16QAM | 709 | 50 | 0 | 9.031 | / | Pass |
| | | 710 | 50 | 0 | 9.027 | / | Pass |
| | | 711 | 50 | 0 | 9.026 | / | Pass |

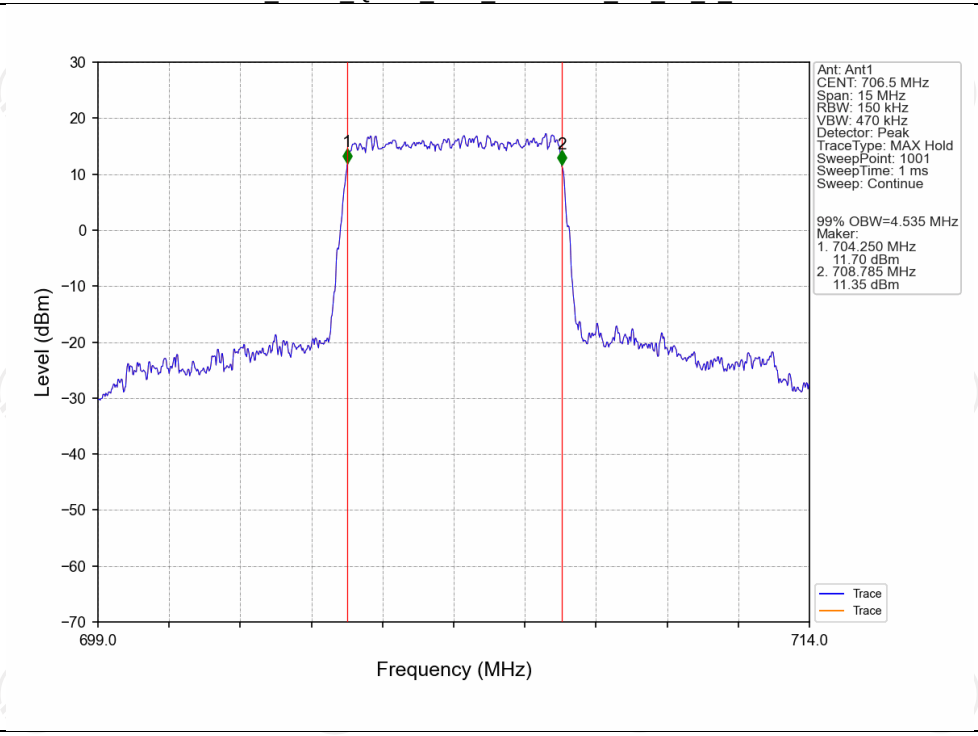
### 4.1.2 Band17_XDB

| Band: 17 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 5 | QPSK | 706.5 | 25 | 0 | 4.983 | / | Pass |
| | | 710 | 25 | 0 | 5.000 | / | Pass |
| | | 713.5 | 25 | 0 | 4.990 | / | Pass |
| | 16QAM | 706.5 | 25 | 0 | 5.037 | / | Pass |
| | | 710 | 25 | 0 | 5.003 | / | Pass |
| | | 713.5 | 25 | 0 | 5.007 | / | Pass |
| 10 | QPSK | 709 | 50 | 0 | 9.899 | / | Pass |
| | | 710 | 50 | 0 | 9.884 | / | Pass |
| | | 711 | 50 | 0 | 9.869 | / | Pass |
| | 16QAM | 709 | 50 | 0 | 9.904 | / | Pass |
| | | 710 | 50 | 0 | 9.936 | / | Pass |
| | | 711 | 50 | 0 | 9.881 | / | Pass |

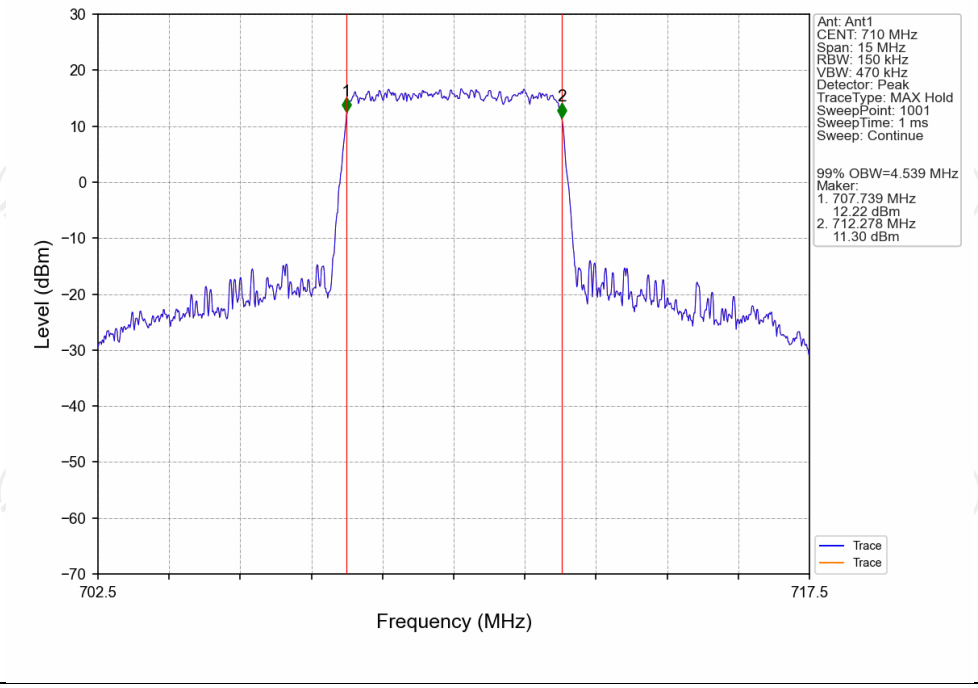
## 4.2 Test Graph

### 4.2.1 Band17_OBW

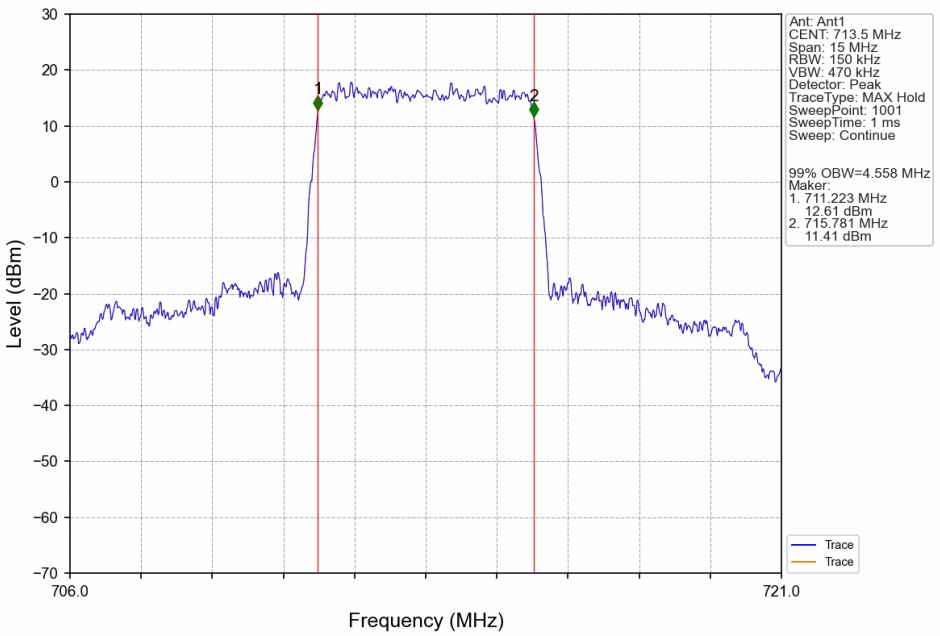
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



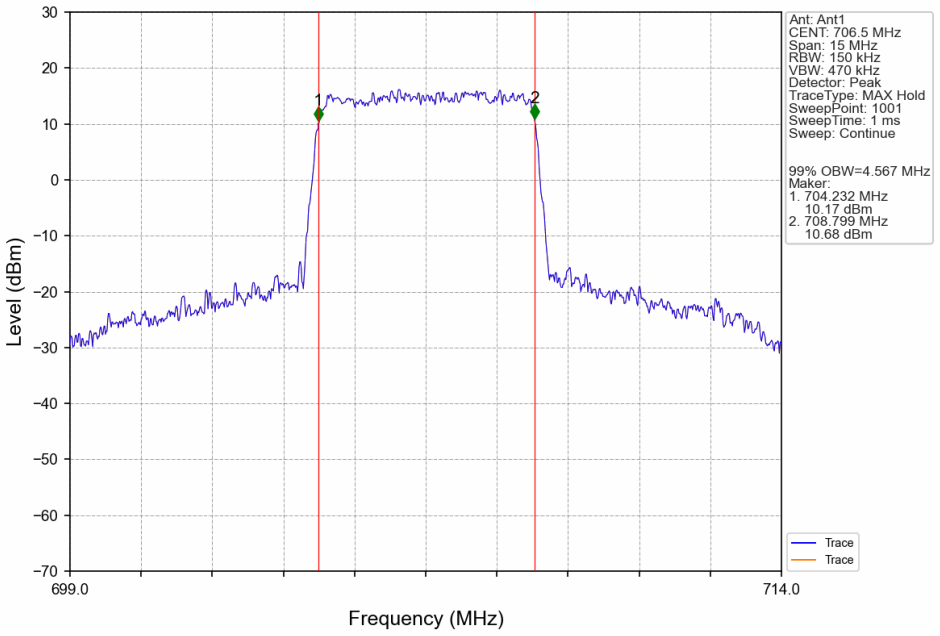

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



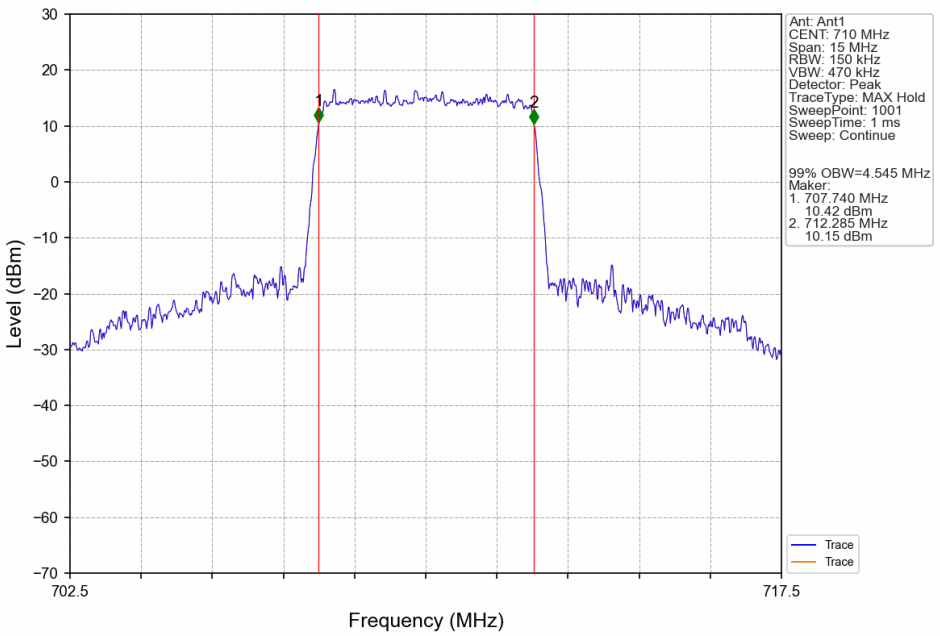
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



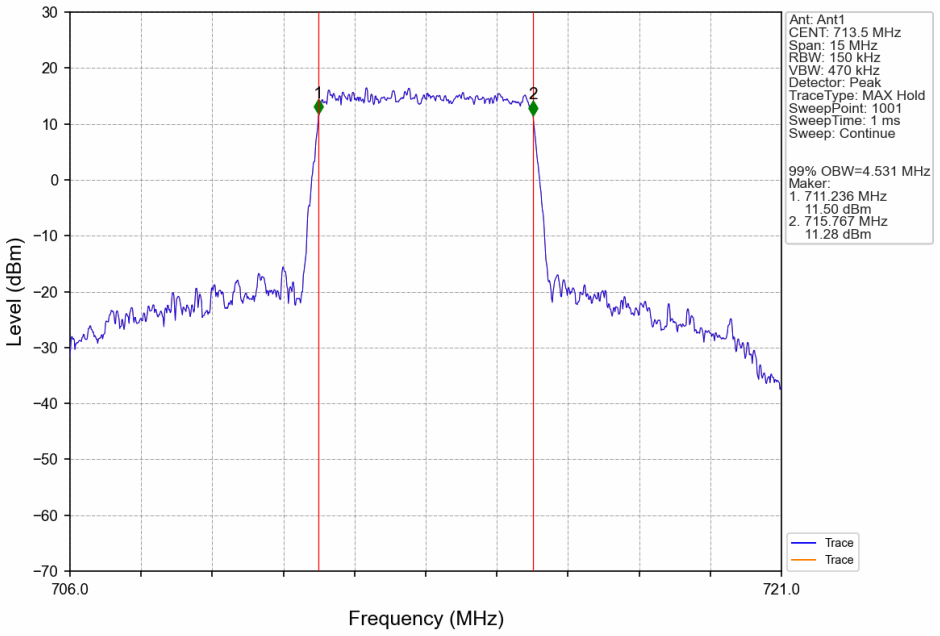

Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



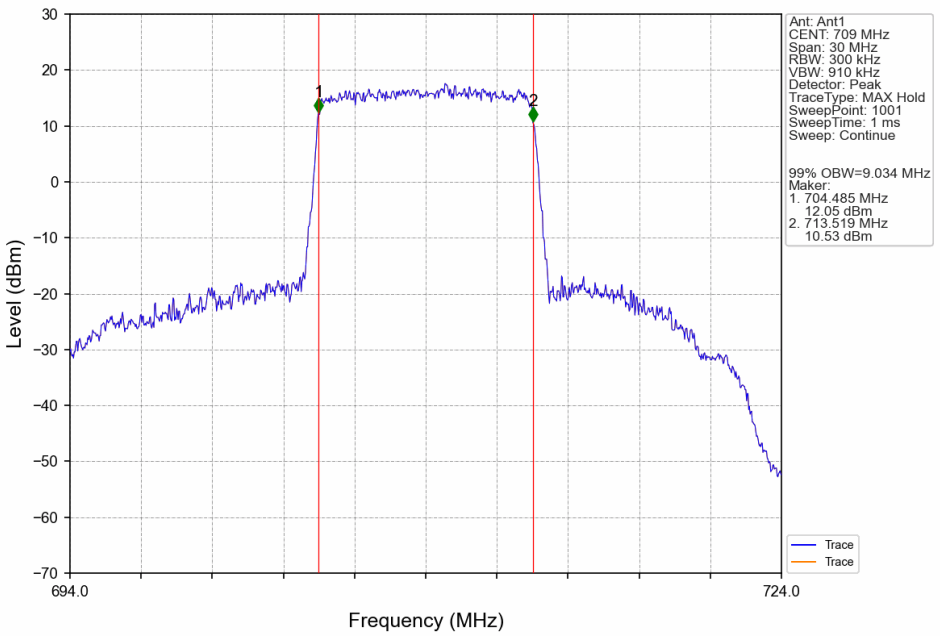
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



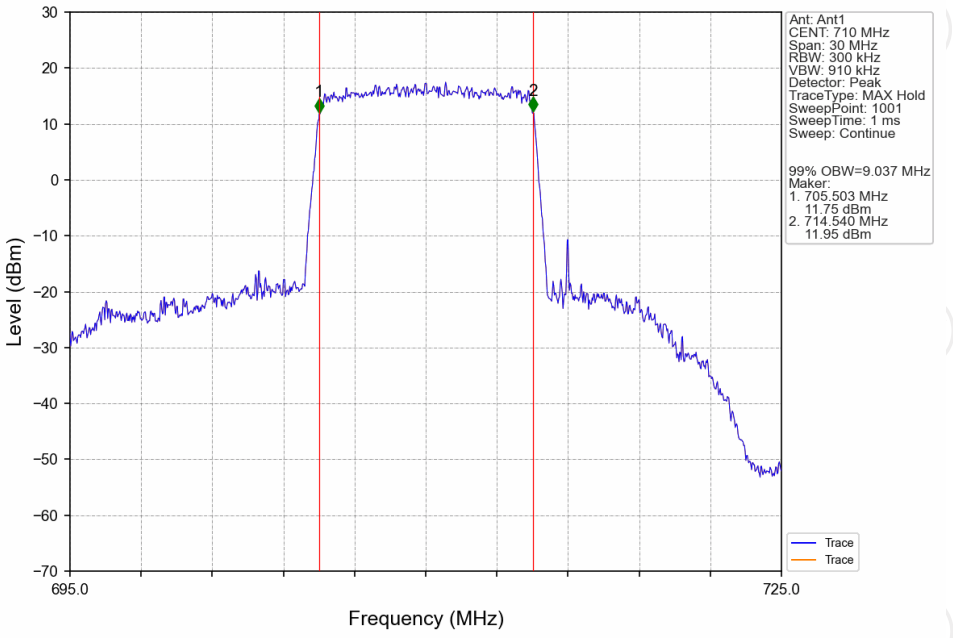

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



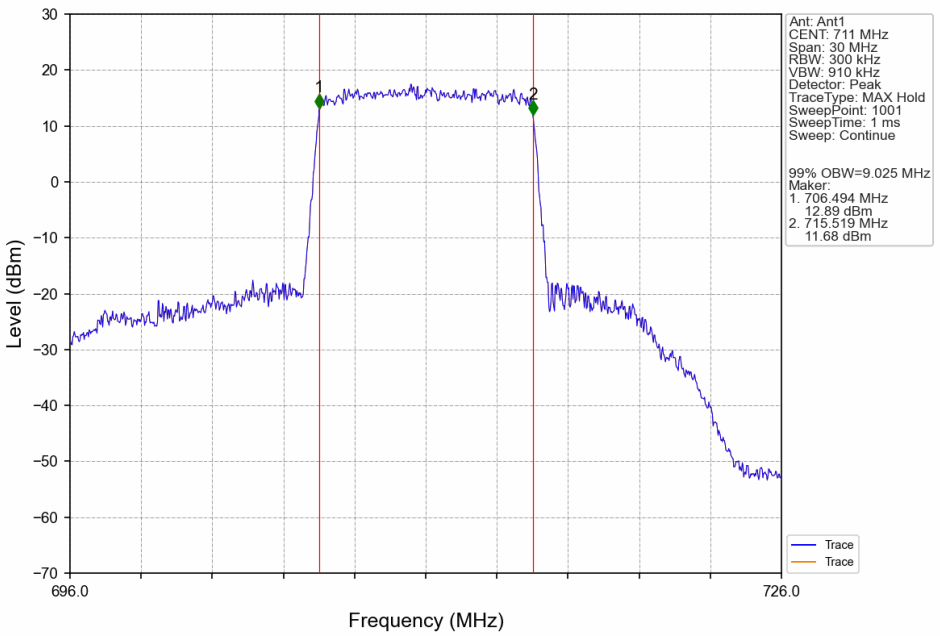
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



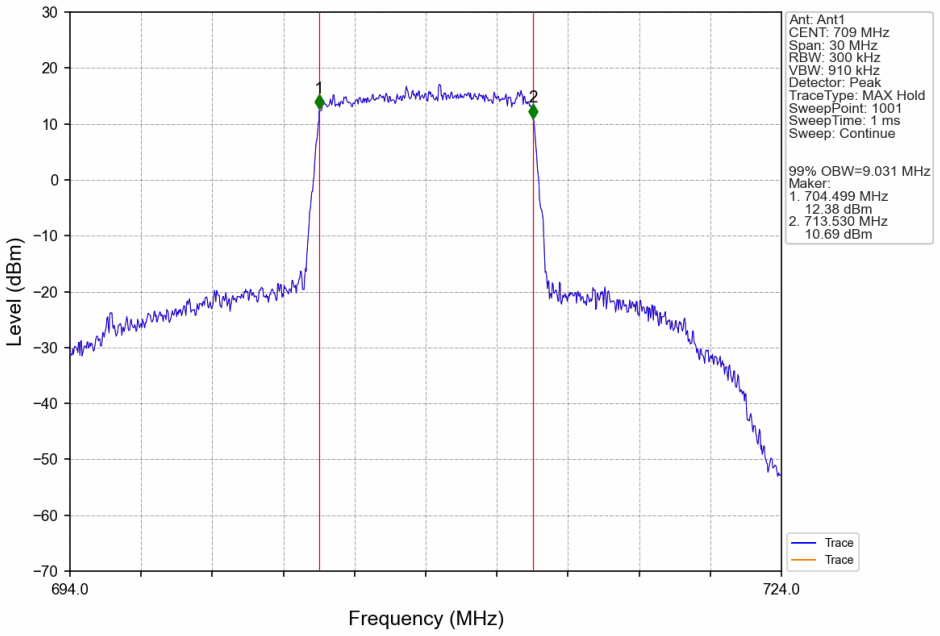

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



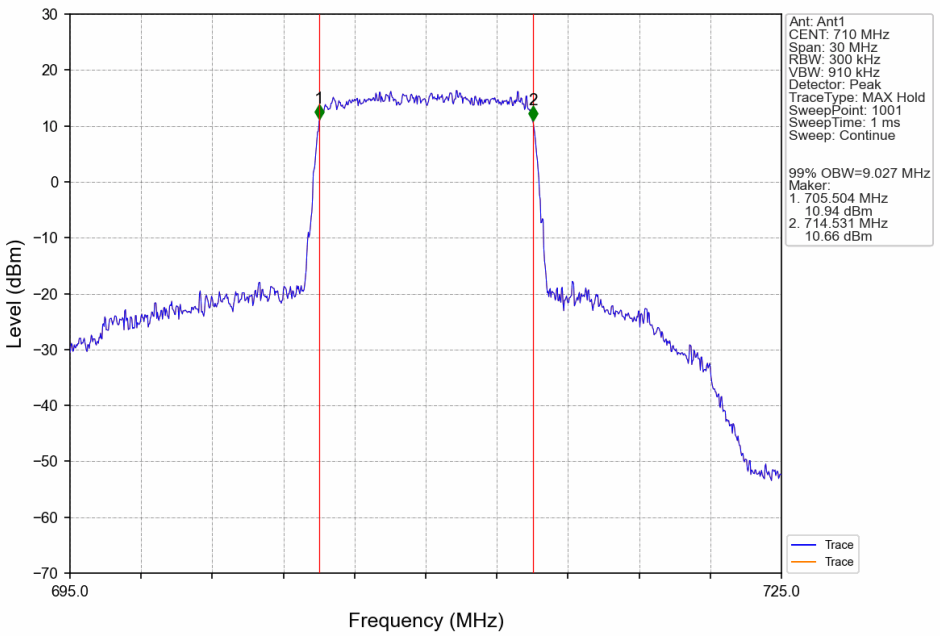
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



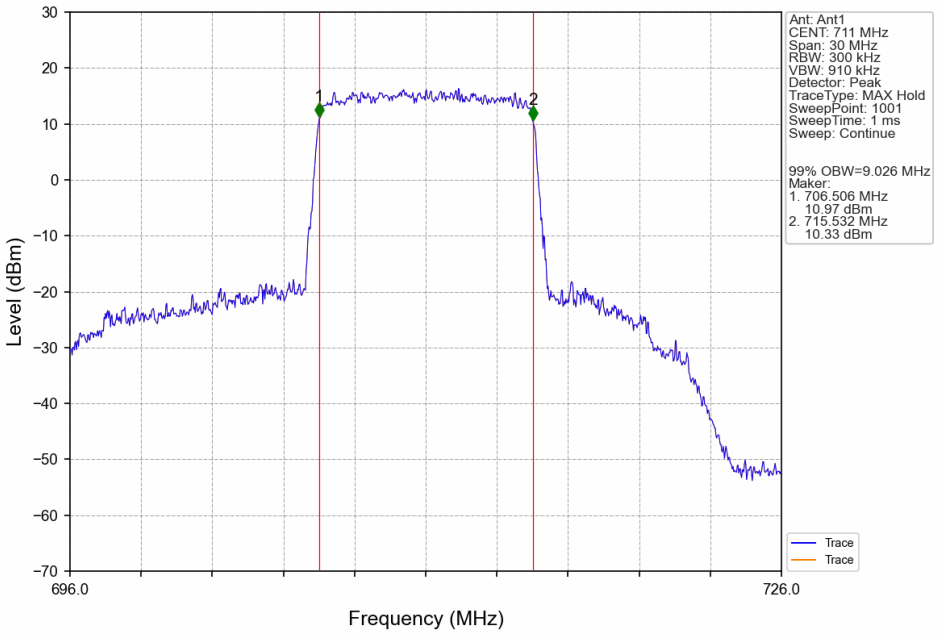

Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV

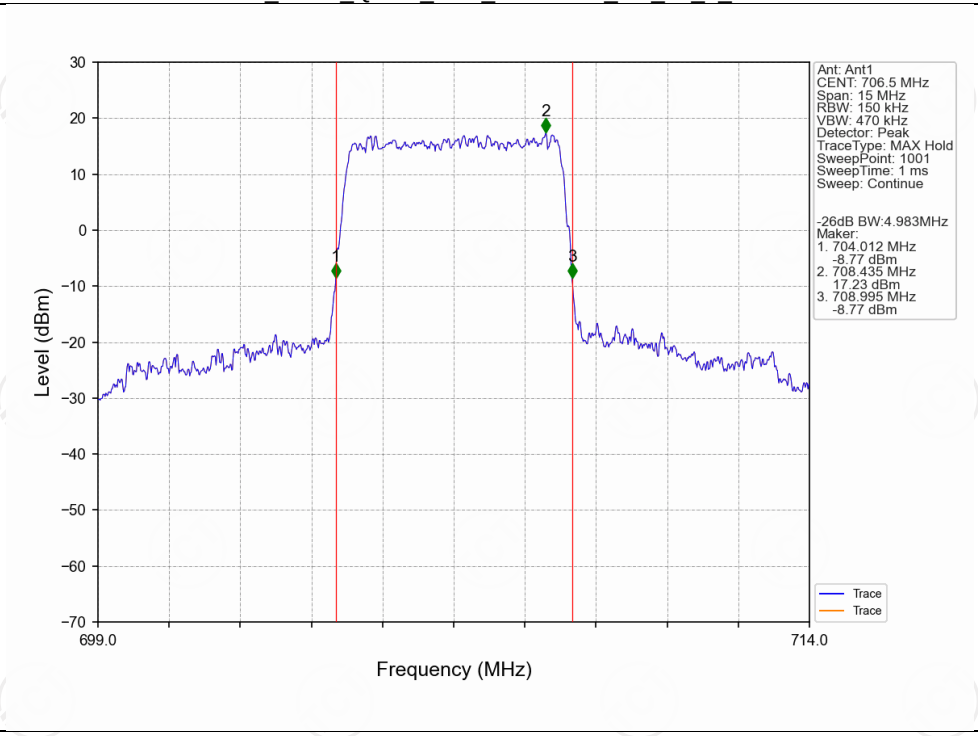



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

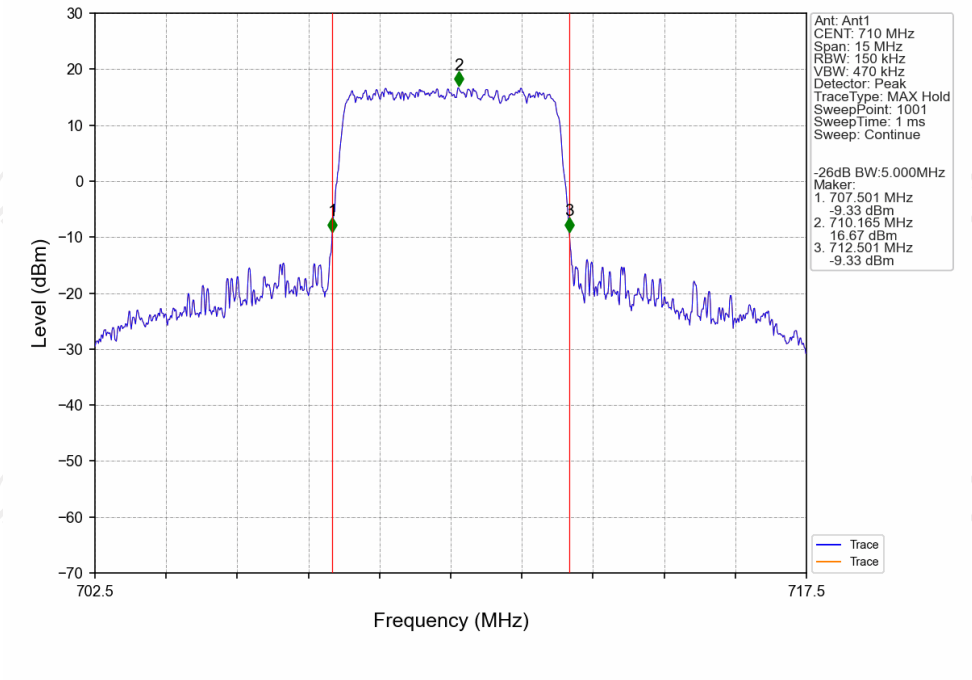


## 4.2.2 Band17_XDB

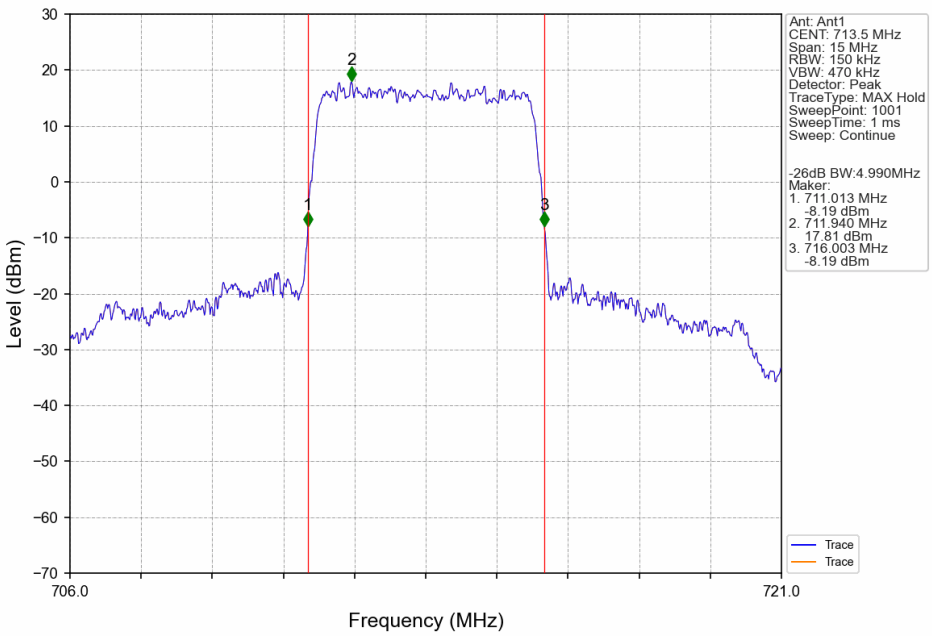
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



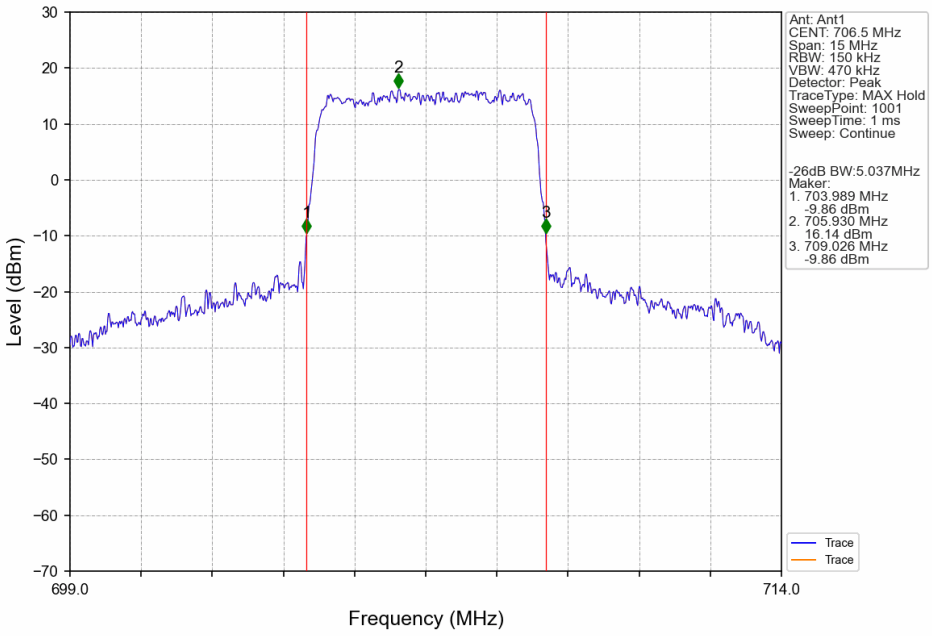

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



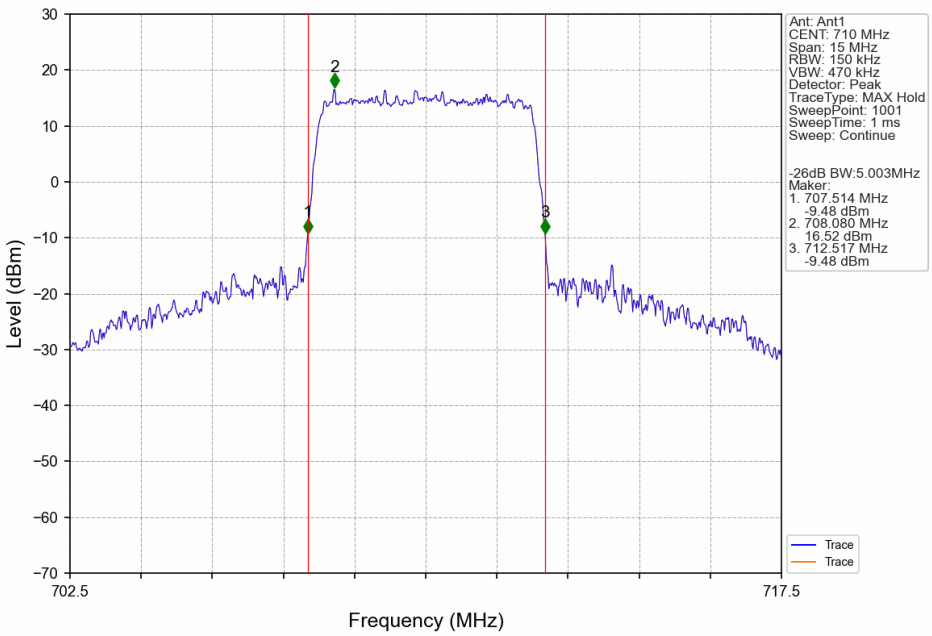
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



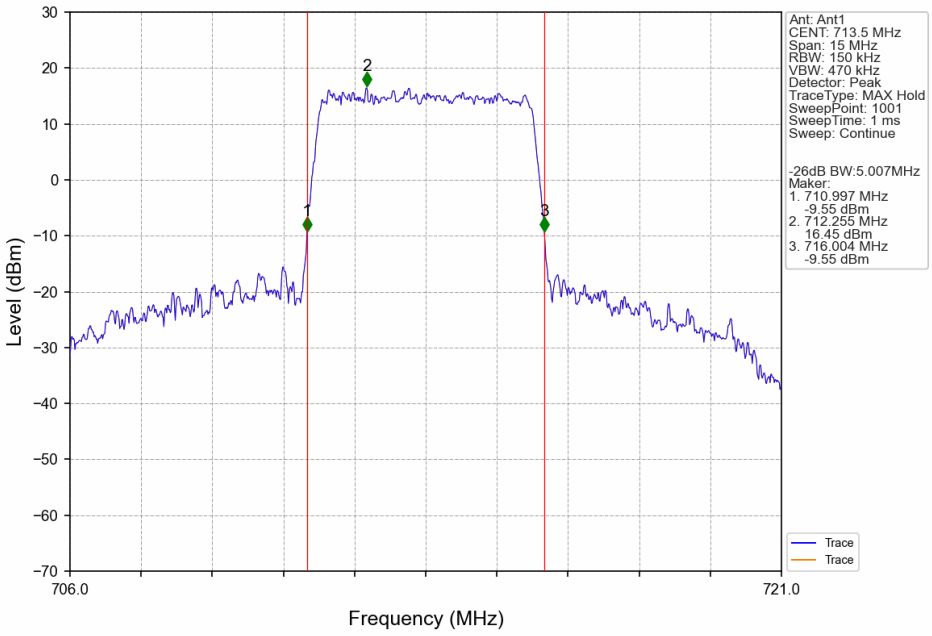

Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



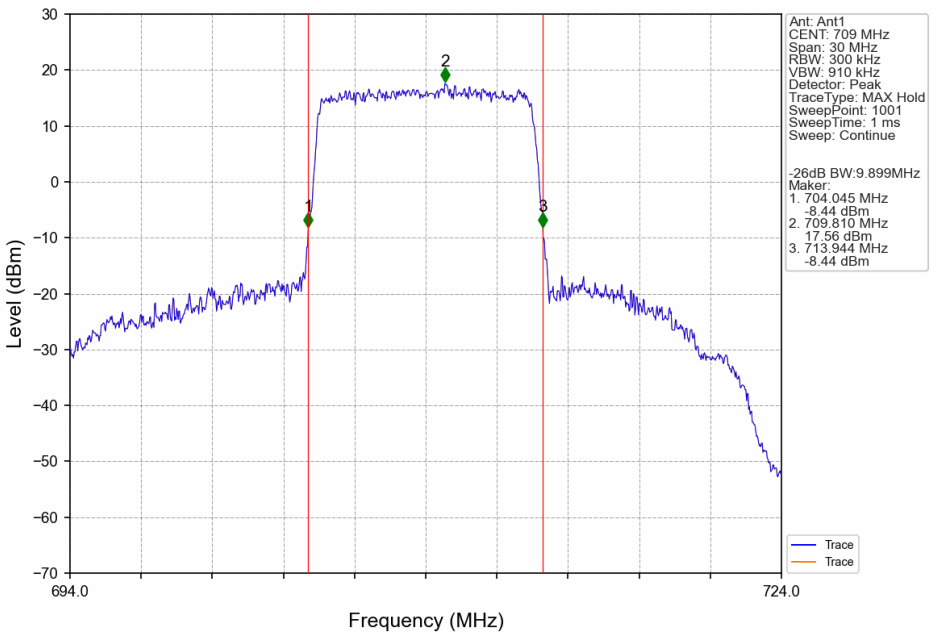
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



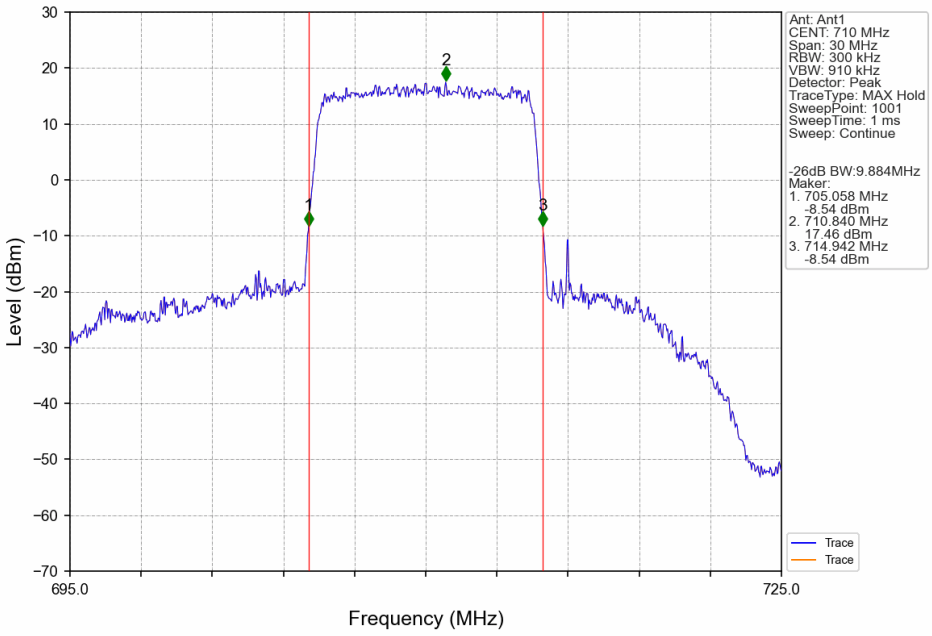

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



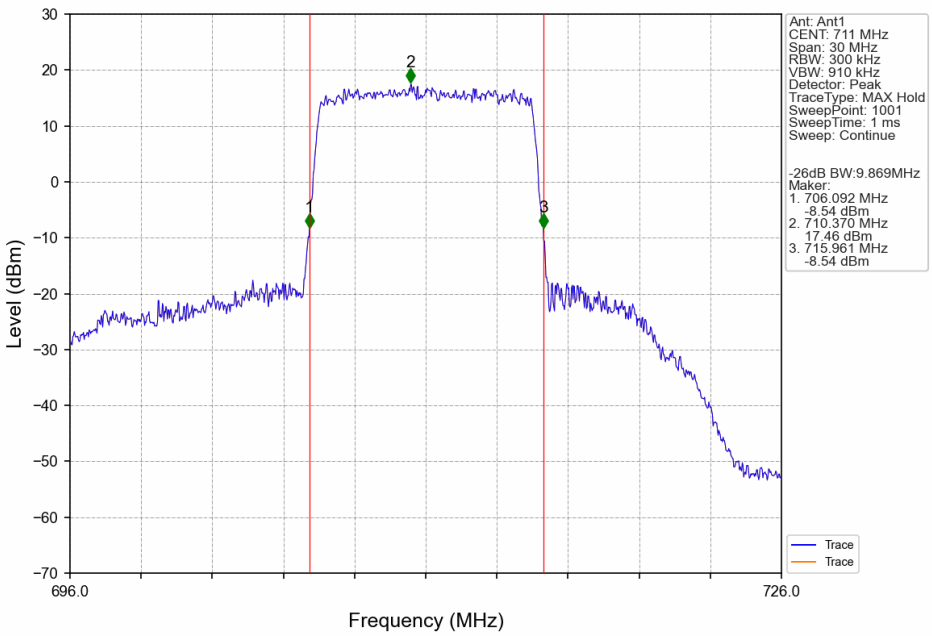
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



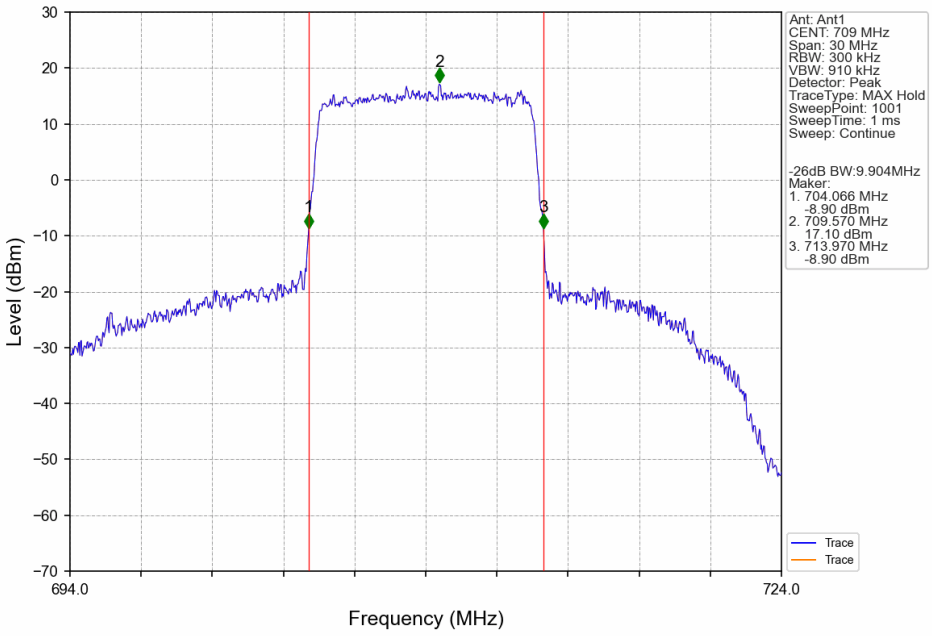

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



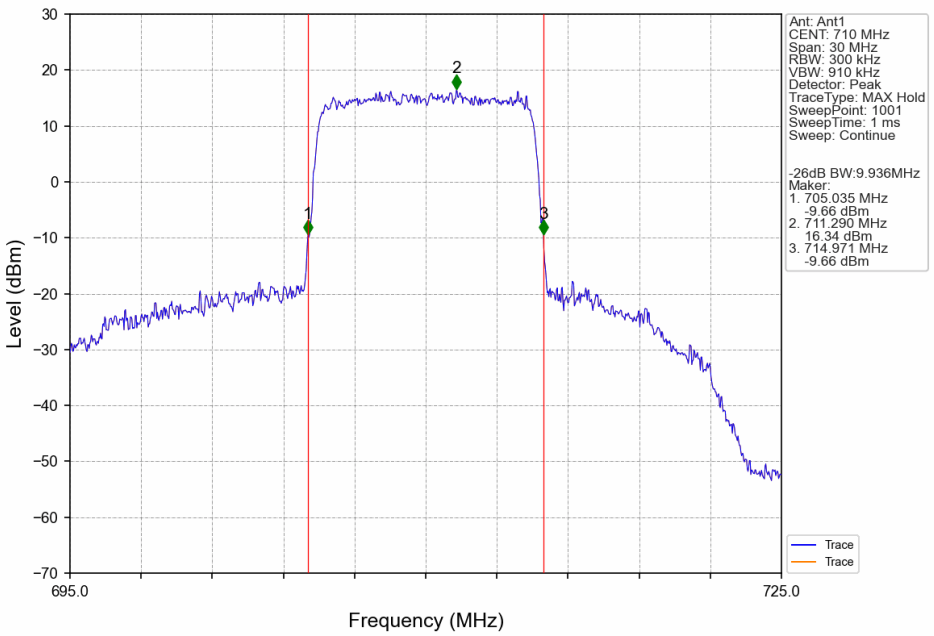
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



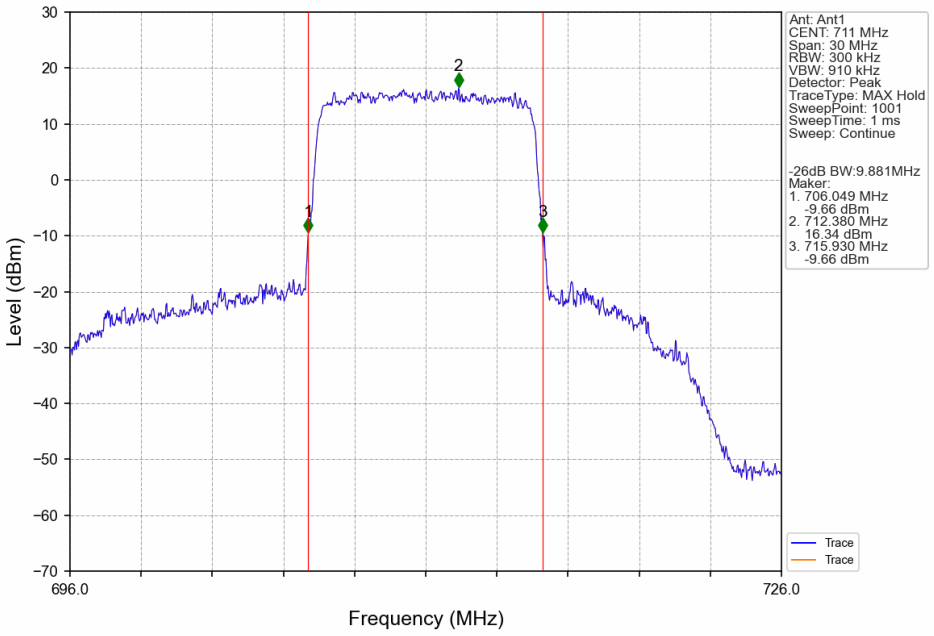

Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV




Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



# 5. Peak-Average Ratio

## 5.1 Test Result

### 5.1.1 B17_5MHz

| Band: 17 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 706.5 | 25 | 0 | 5.18 | <=13 | Pass |
| | 710 | 25 | 0 | 5.11 | <=13 | Pass |
| | 713.5 | 25 | 0 | 5.13 | <=13 | Pass |
| 16QAM | 706.5 | 25 | 0 | 5.92 | <=13 | Pass |
| | 710 | 25 | 0 | 5.85 | <=13 | Pass |
| | 713.5 | 25 | 0 | 5.90 | <=13 | Pass |

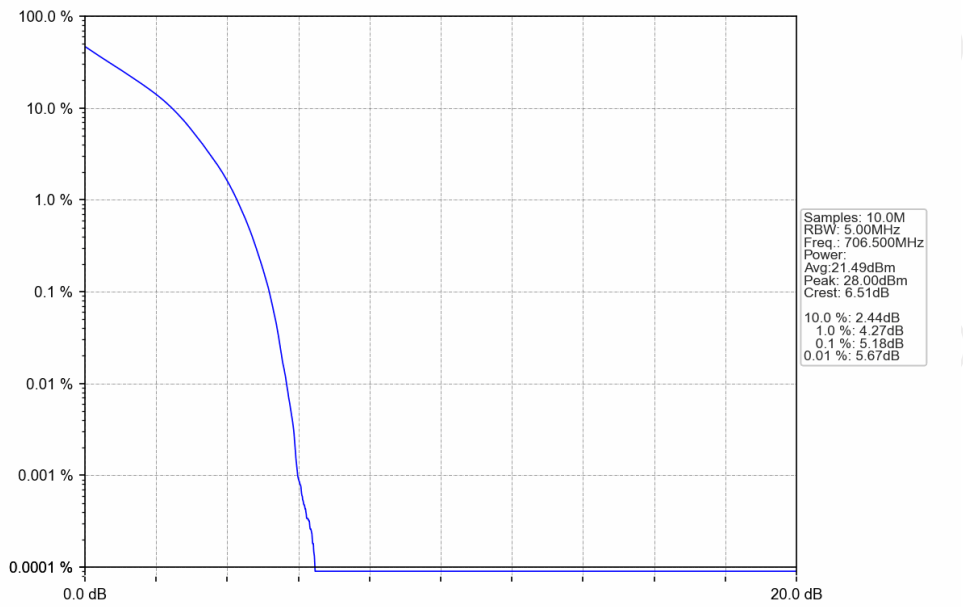
### 5.1.2 B17_10MHz

| Band: 17 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 709 | 50 | 0 | 5.13 | <=13 | Pass |
| | 710 | 50 | 0 | 5.10 | <=13 | Pass |
| | 711 | 50 | 0 | 5.08 | <=13 | Pass |
| 16QAM | 709 | 50 | 0 | 5.94 | <=13 | Pass |
| | 710 | 50 | 0 | 5.94 | <=13 | Pass |
| | 711 | 50 | 0 | 5.89 | <=13 | Pass |

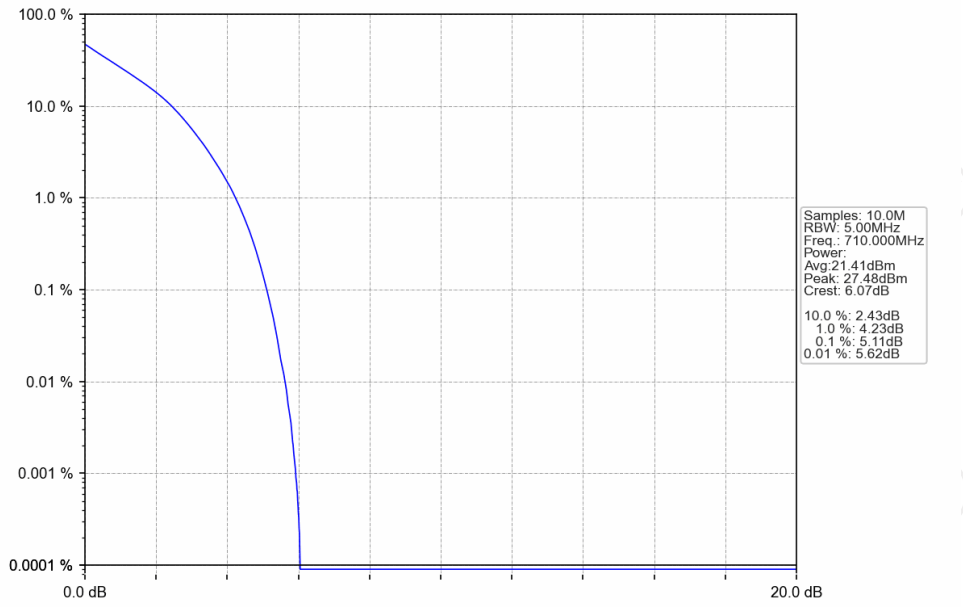
## 5.2 Test Graph

### 5.2.1 B17_5MHz

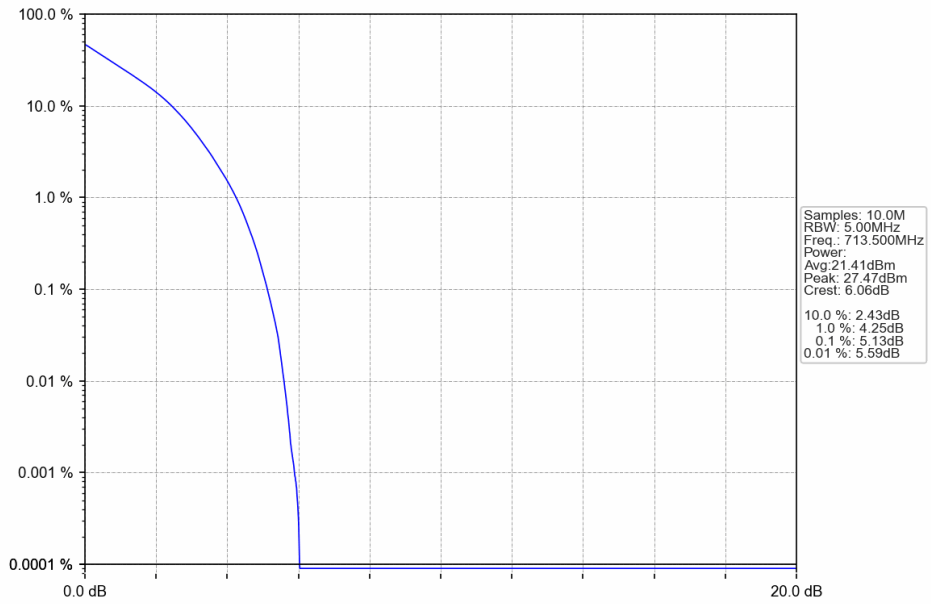
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



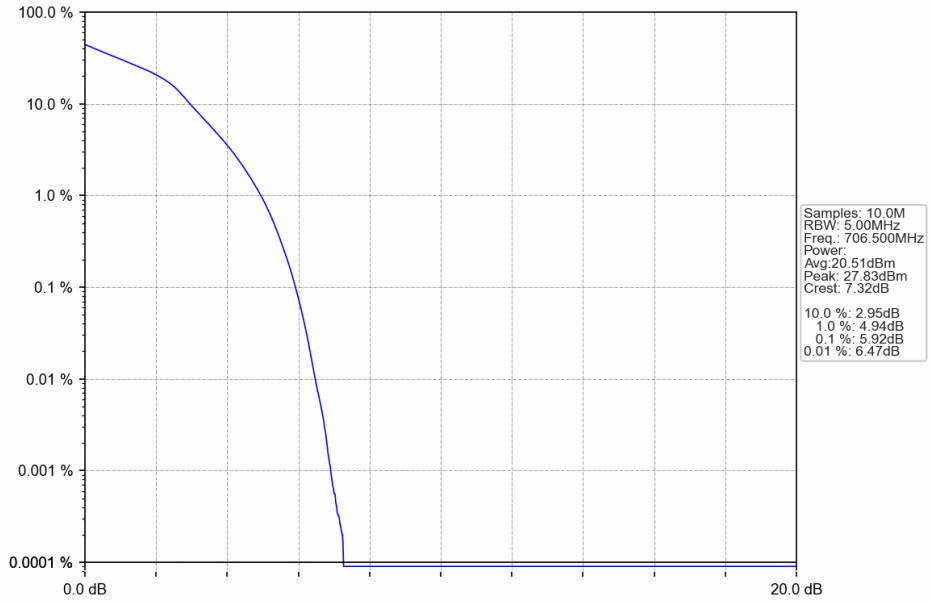

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



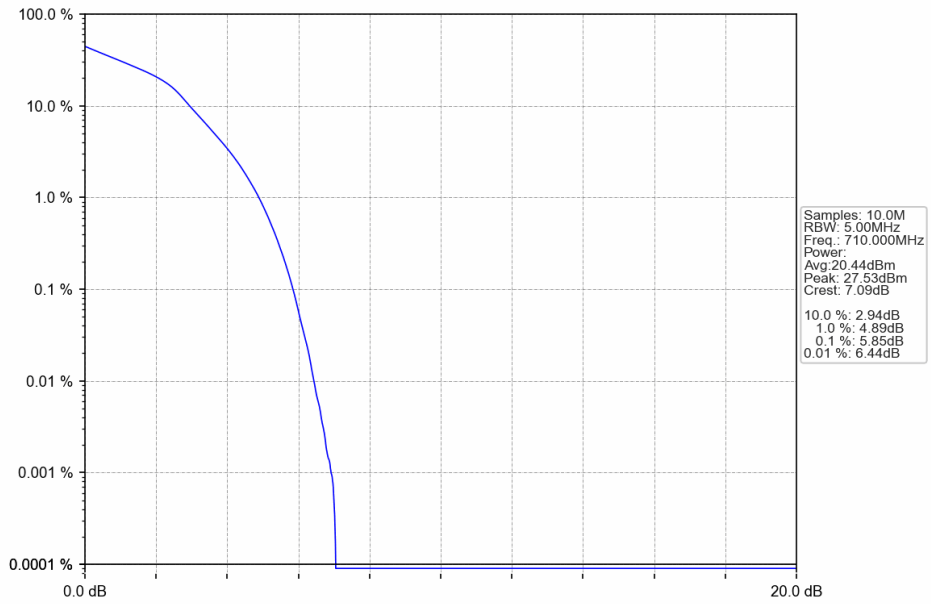
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



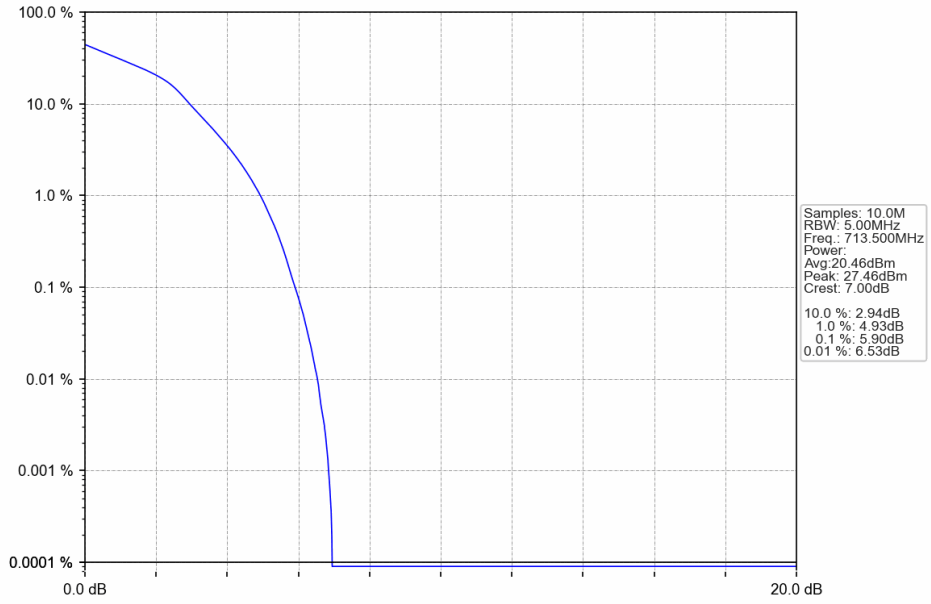

Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

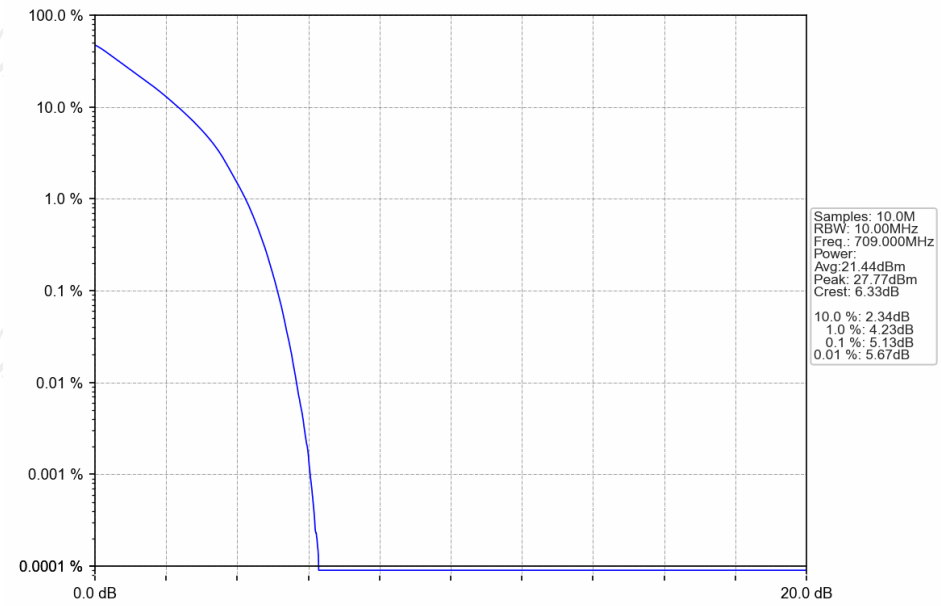



Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

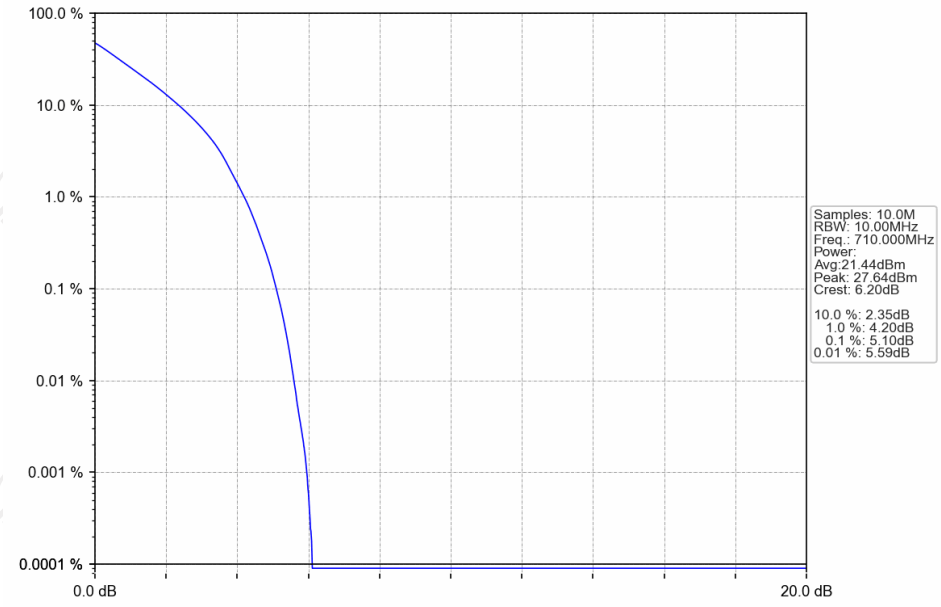


## 5.2.2 B17_10MHz

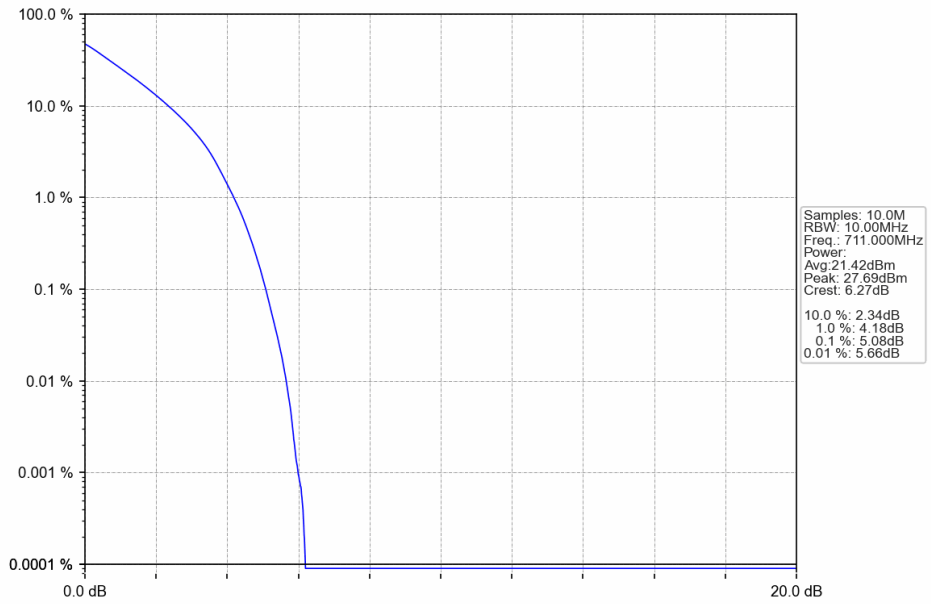
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



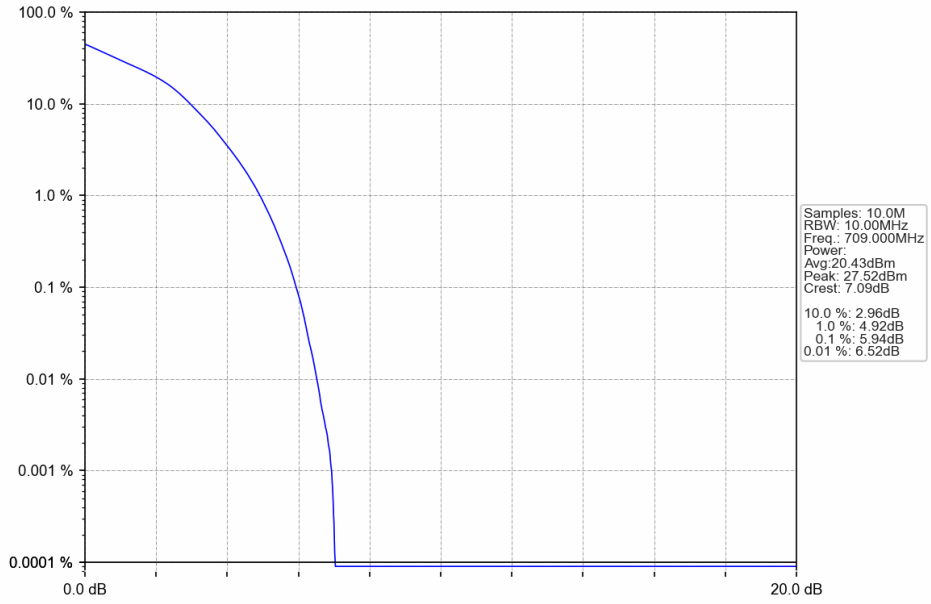

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



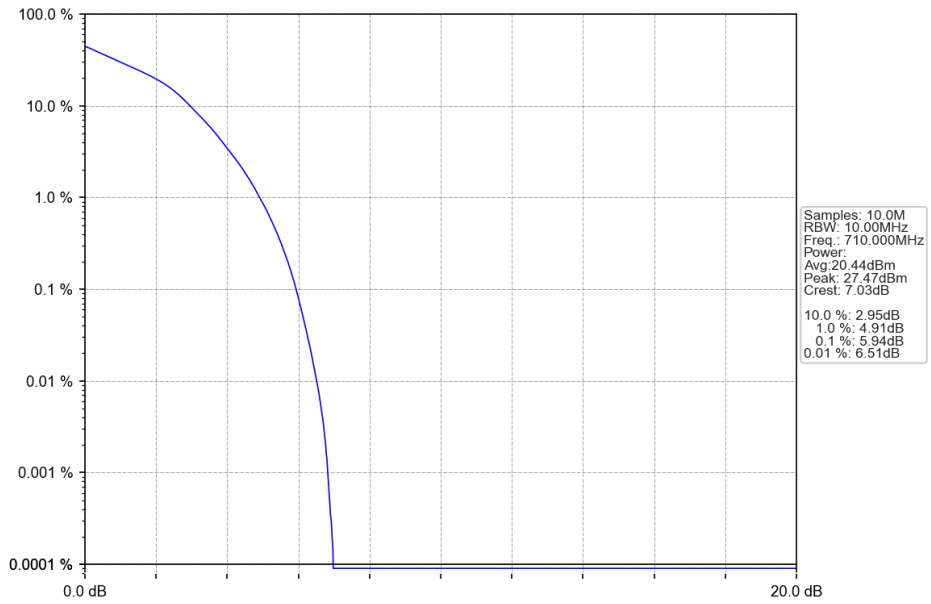
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



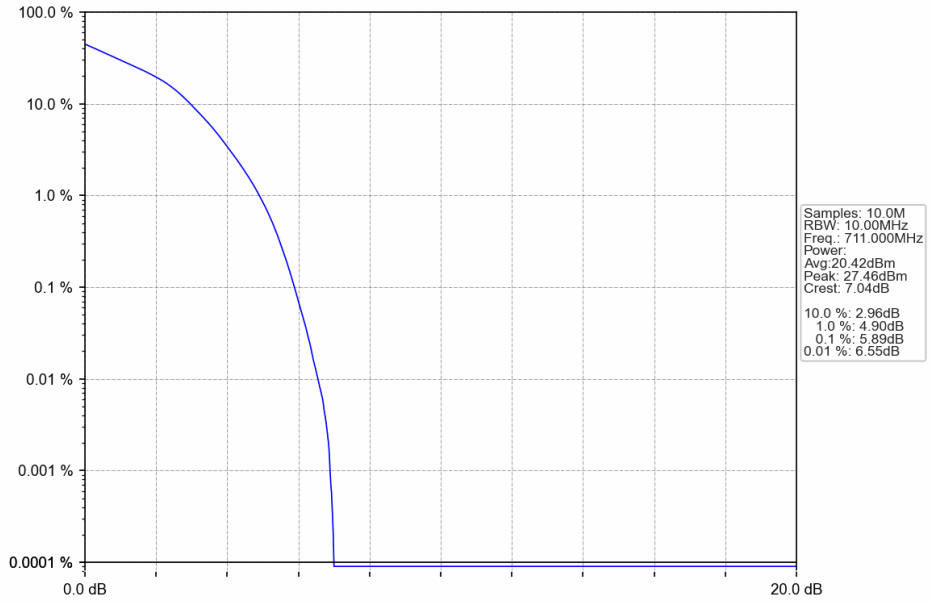

Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV




Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



# 6. Spurious Emission

## 6.1 Test Result

### 6.1.1 B17_5MHz

| Band: 17 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 706.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 710 | 1 | 0 | Refer To Test Graph | | Pass |
| | 713.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 706.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 710 | 1 | 0 | Refer To Test Graph | | Pass |
| | 713.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |

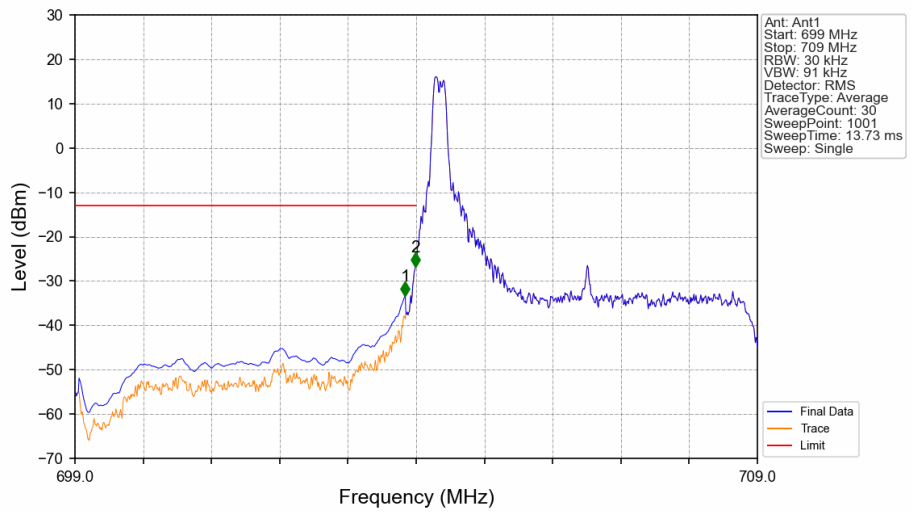
### 6.1.2 B17_10MHz

| Band: 17 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 709 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 710 | 1 | 0 | Refer To Test Graph | | Pass |
| | 711 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 709 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 710 | 1 | 0 | Refer To Test Graph | | Pass |
| | 711 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |

## 6.2 Test Graph

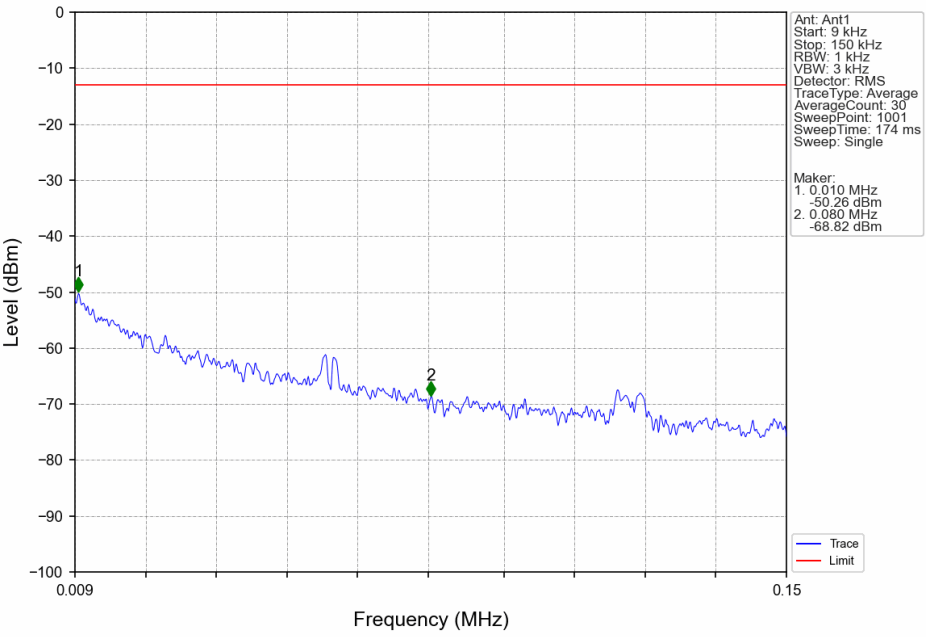
### 6.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

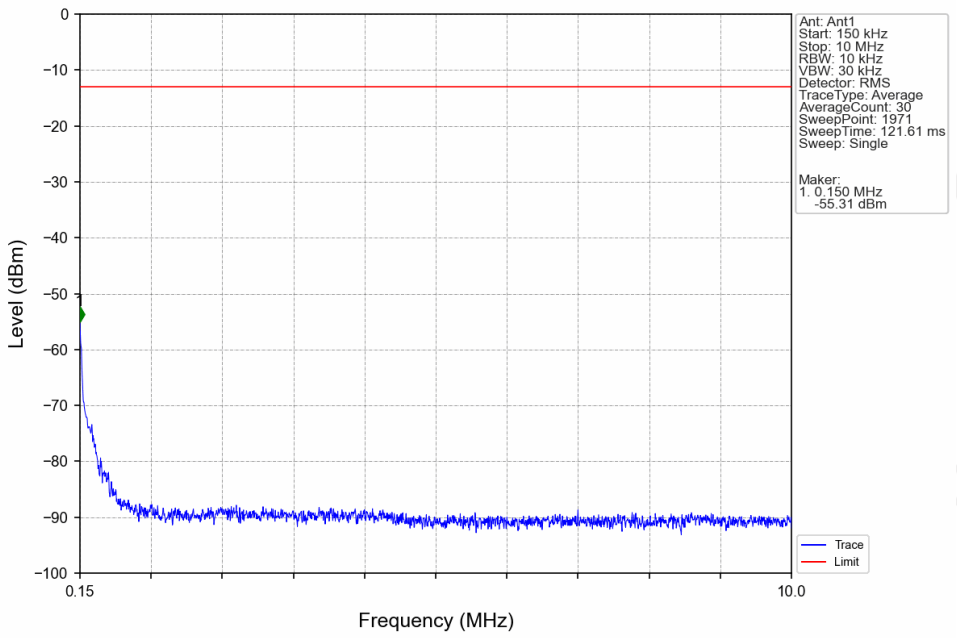



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 699 | 703.9 | 0.1 | CHP | 1 | 703.840 | -33.29 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.990 | -26.78 | -13 | Pass |
| 704 | 709 | 0.03 | / | / | / | / | / | / |

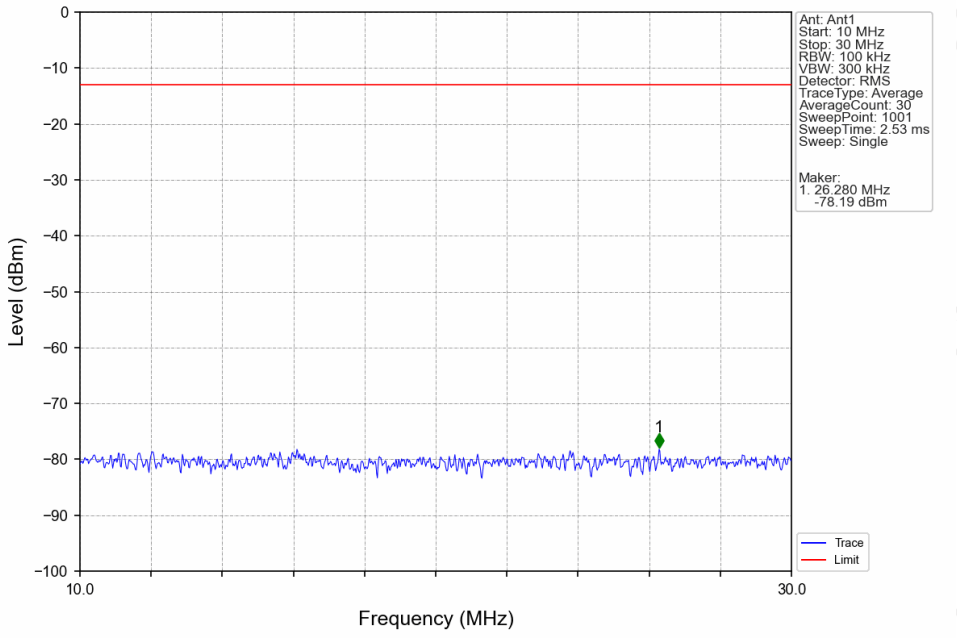
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



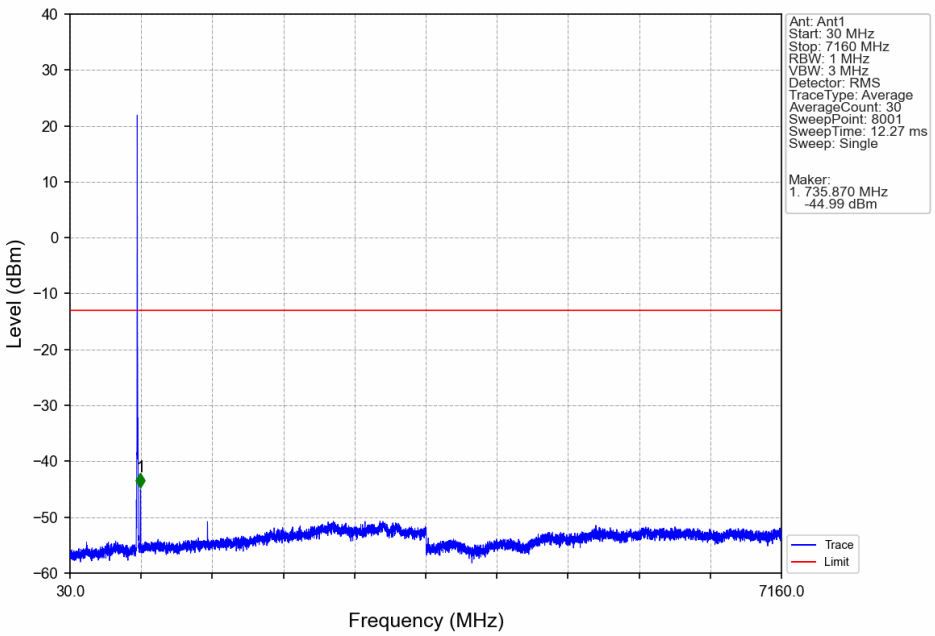
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



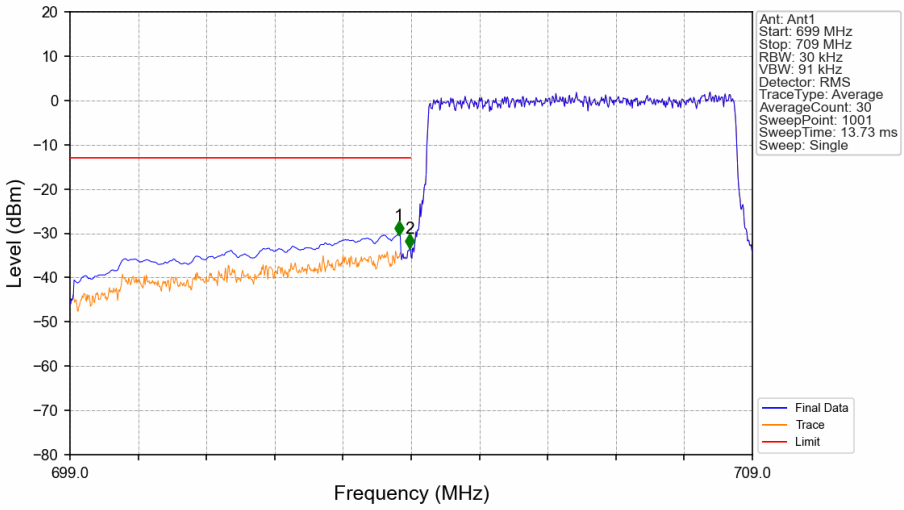

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

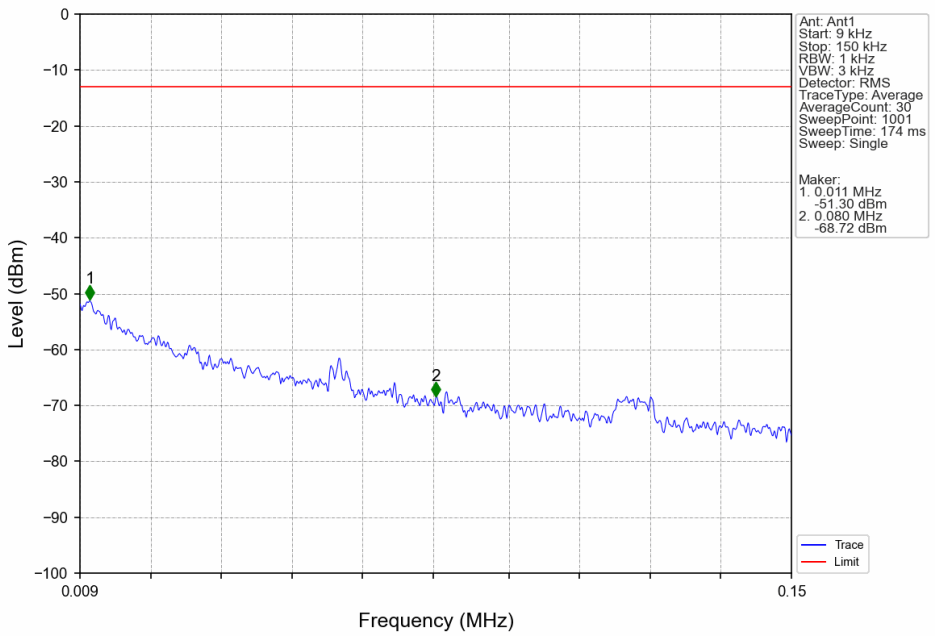



Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

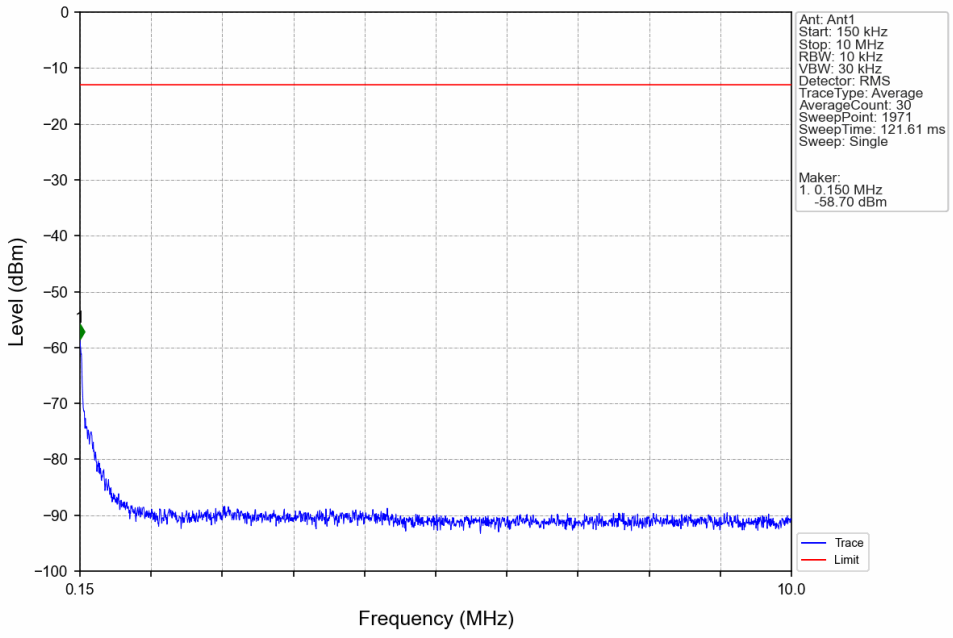



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 699 | 703.9 | 0.1 | CHP | 1 | 703.820 | -30.36 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.980 | -33.32 | -13 | Pass |
| 704 | 709 | 0.03 | / | / | / | / | / | / |

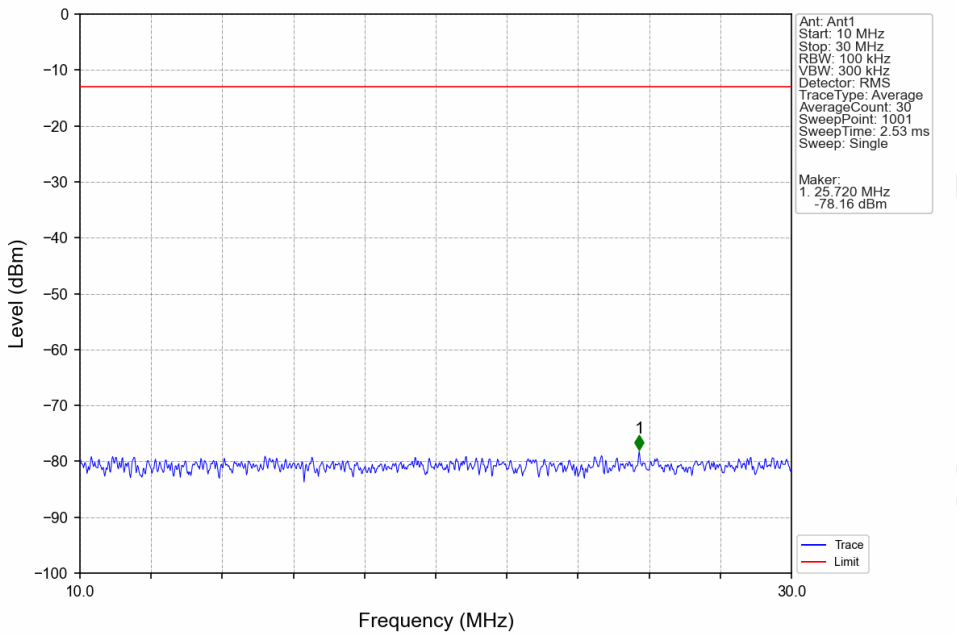
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



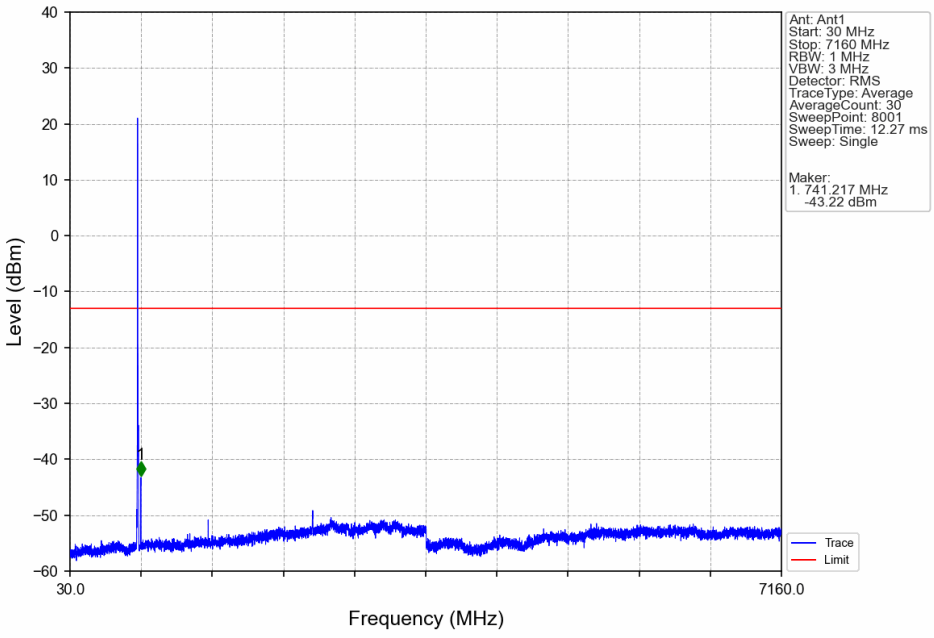

Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



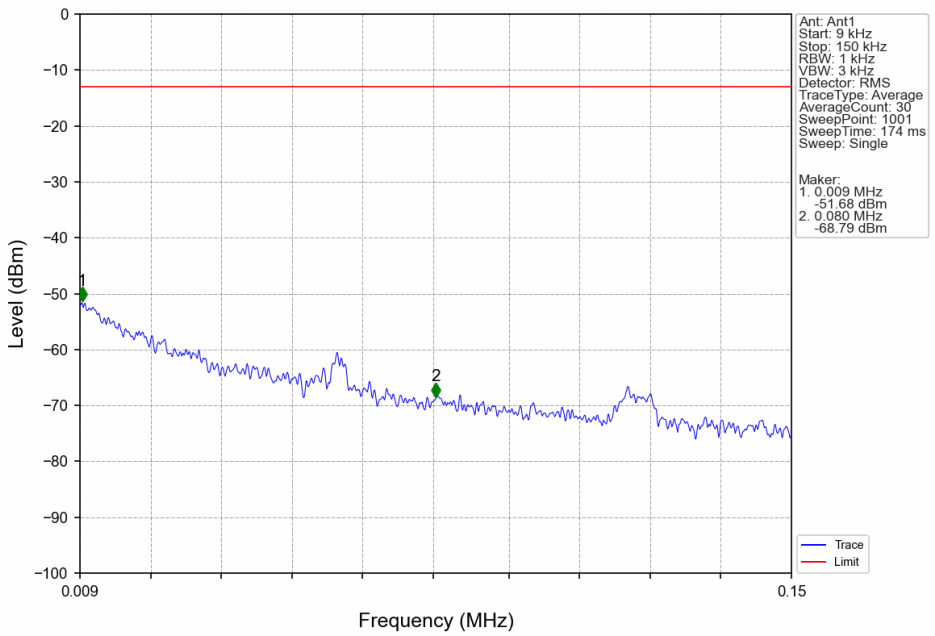
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



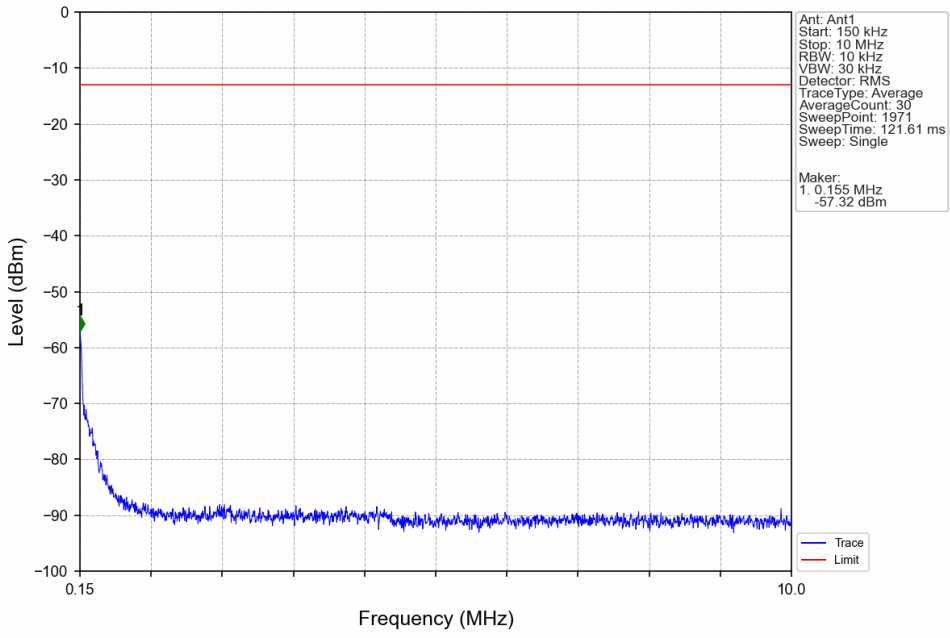

Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



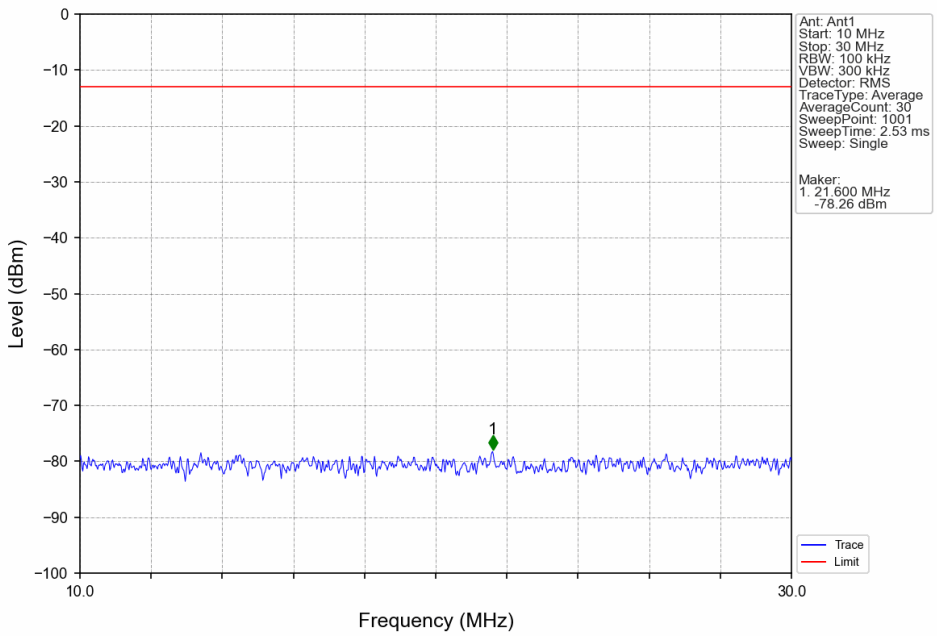
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



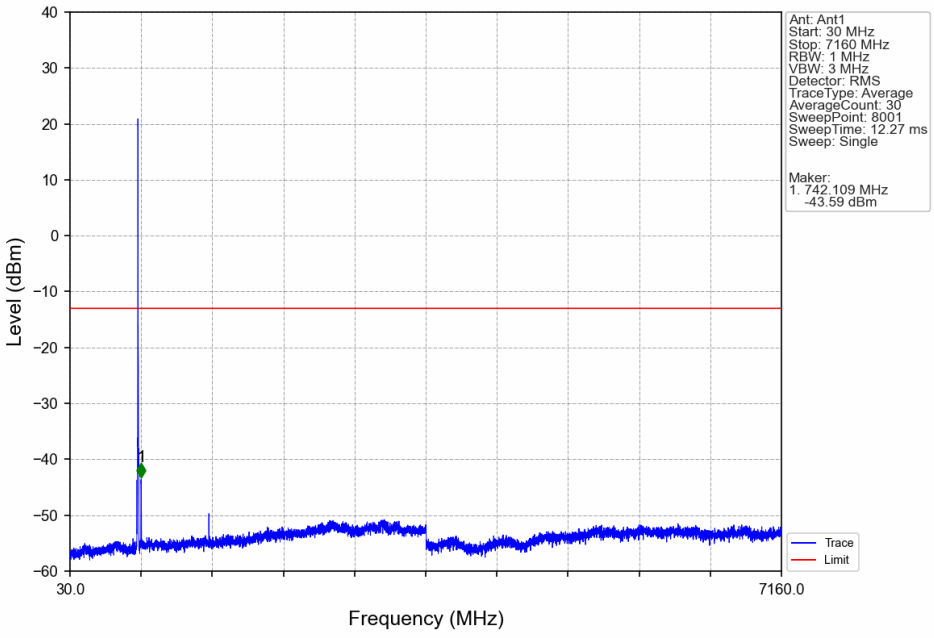

Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



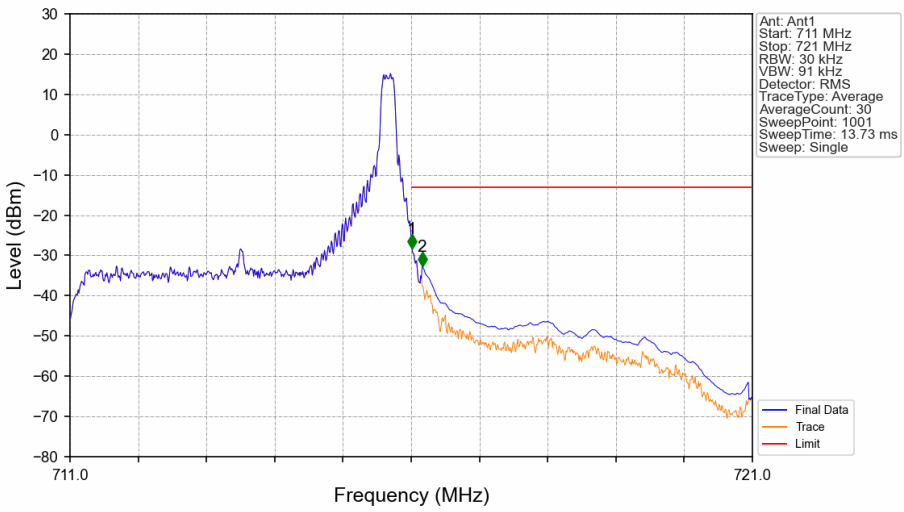
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV




Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

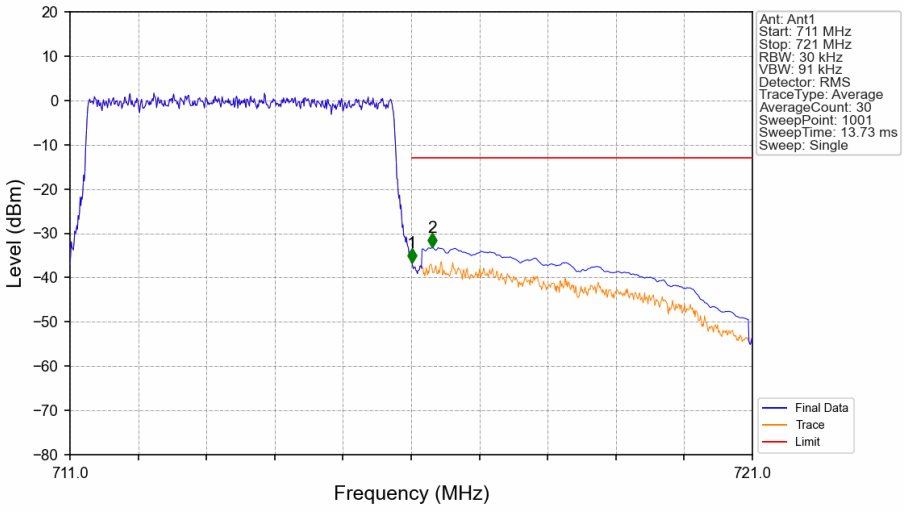


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



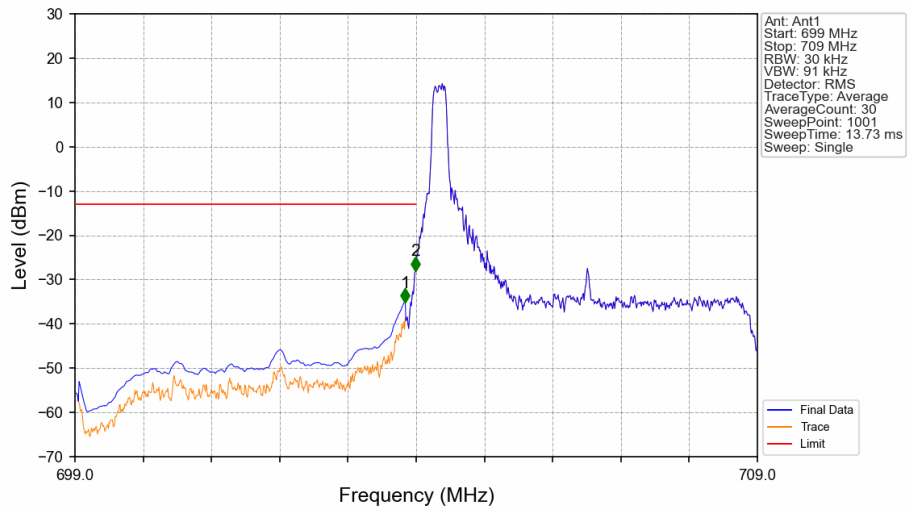

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 711 | 716 | 0.03 | / | / | / | / | / | / |
| 716 | 716.1 | 0.03 | / | 1 | 716.010 | -28.31 | -13 | Pass |
| 716.1 | 721 | 0.1 | CHP | 2 | 716.160 | -32.75 | -13 | Pass |

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



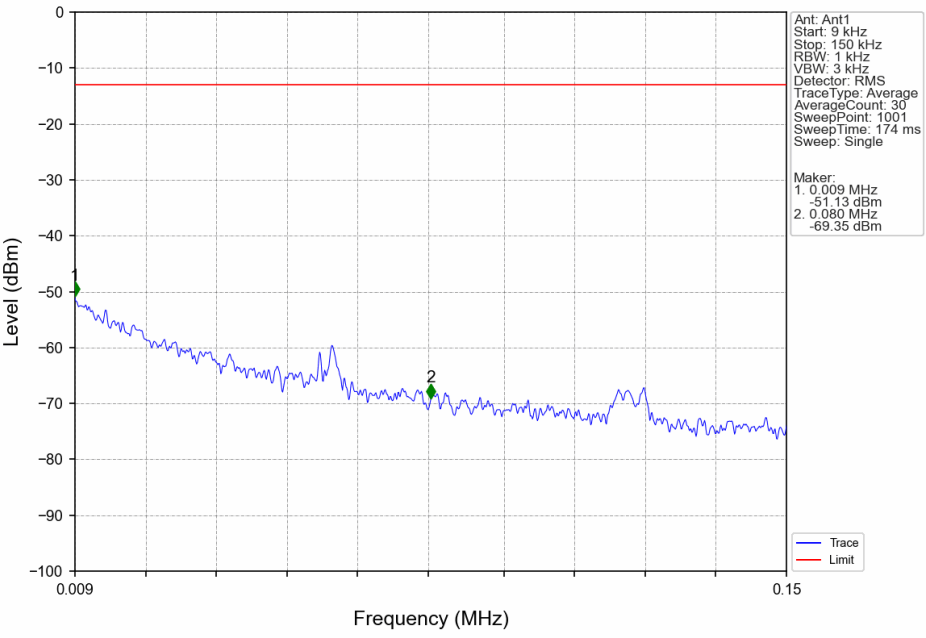

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 711 | 716 | 0.03 | / | / | / | / | / | / |
| 716 | 716.1 | 0.03 | / | 1 | 716.010 | -36.59 | -13 | Pass |
| 716.1 | 721 | 0.1 | CHP | 2 | 716.310 | -33.19 | -13 | Pass |

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

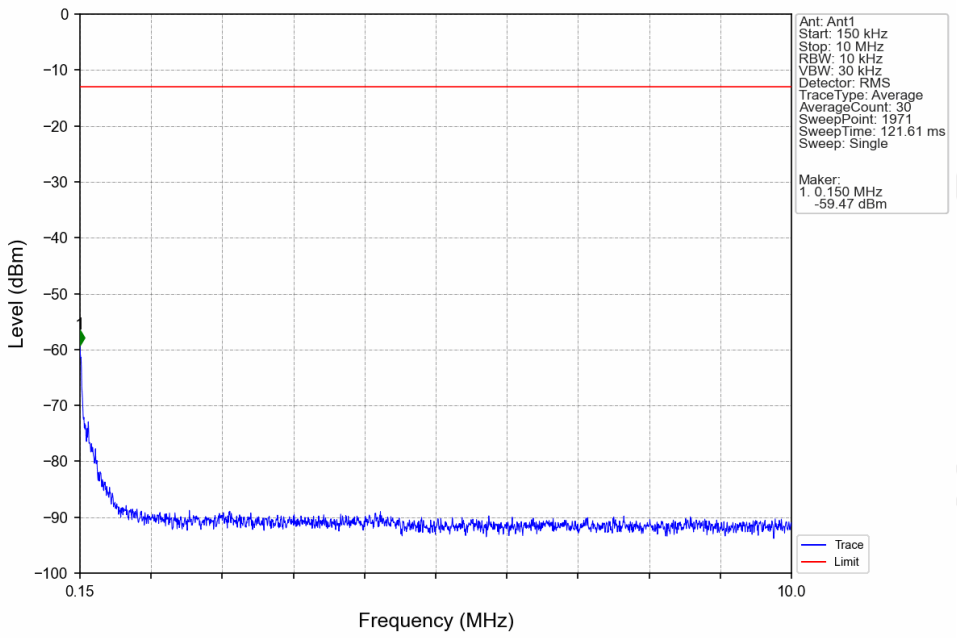



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 699 | 703.9 | 0.1 | CHP | 1 | 703.840 | -35.07 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.990 | -27.96 | -13 | Pass |
| 704 | 709 | 0.03 | / | / | / | / | / | / |

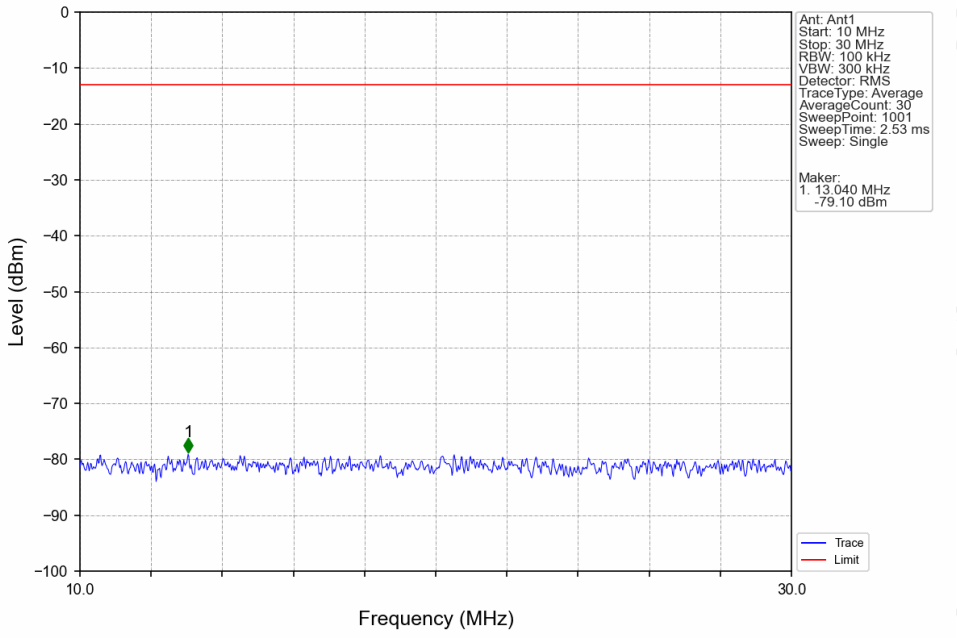
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



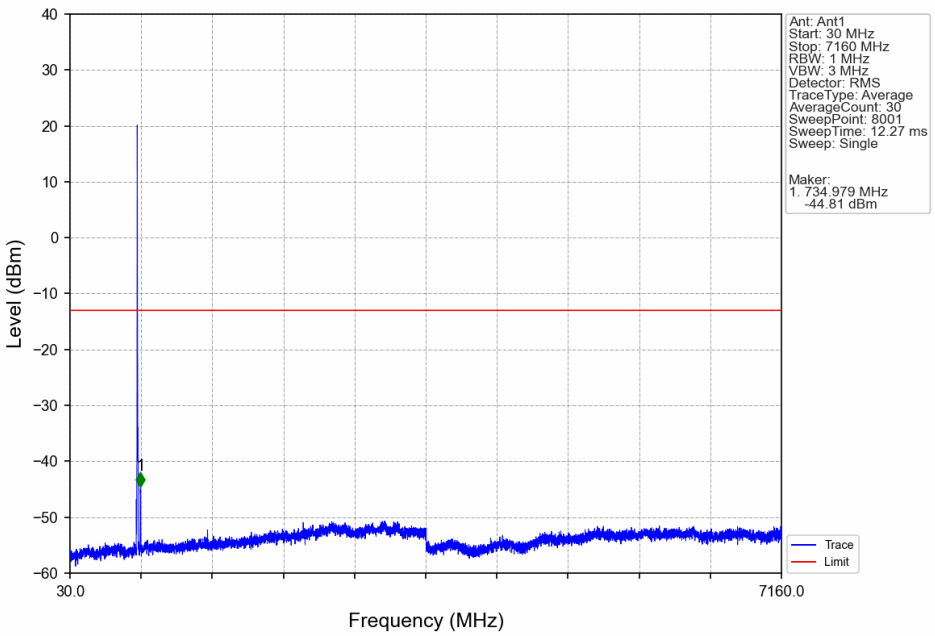
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



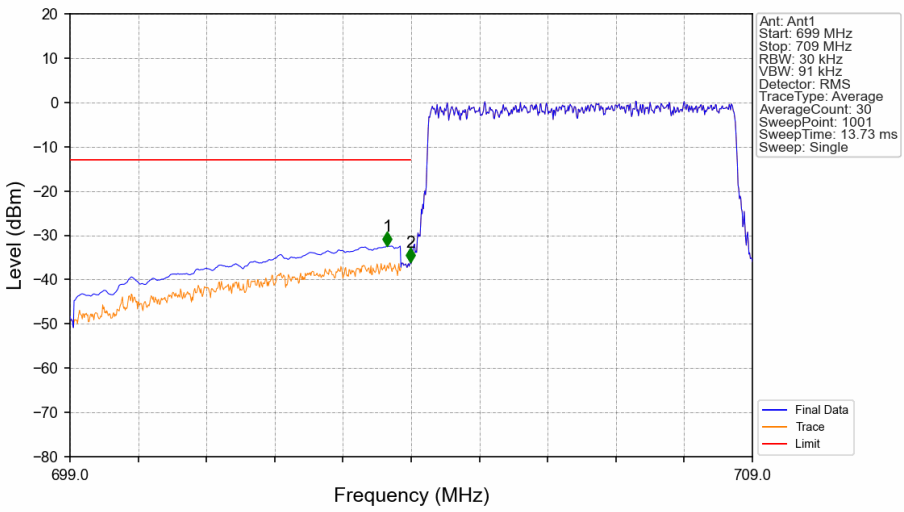

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

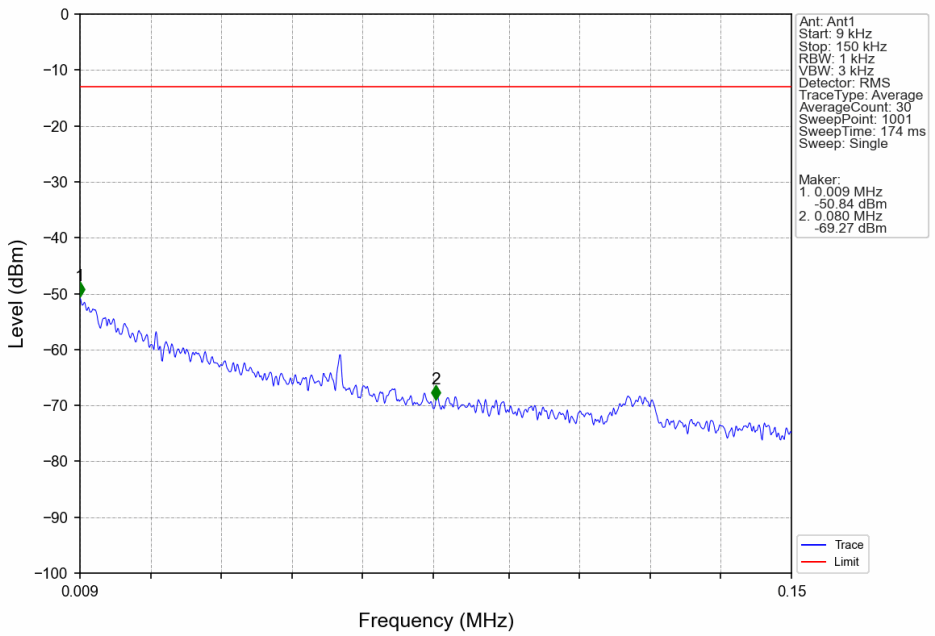



Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

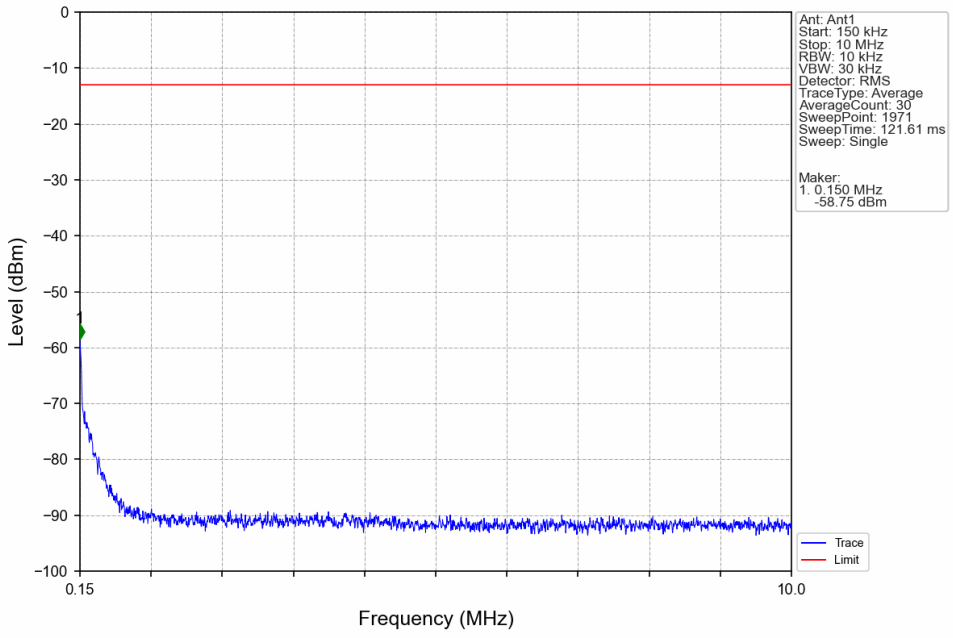



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 699 | 703.9 | 0.1 | CHP | 1 | 703.650 | -32.39 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.990 | -36.09 | -13 | Pass |
| 704 | 709 | 0.03 | / | / | / | / | / | / |

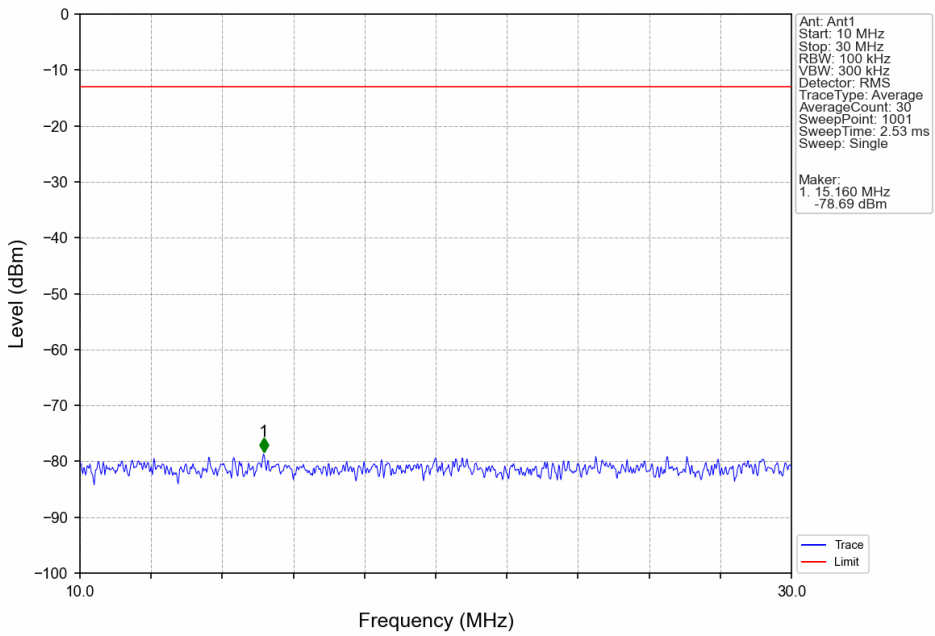
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



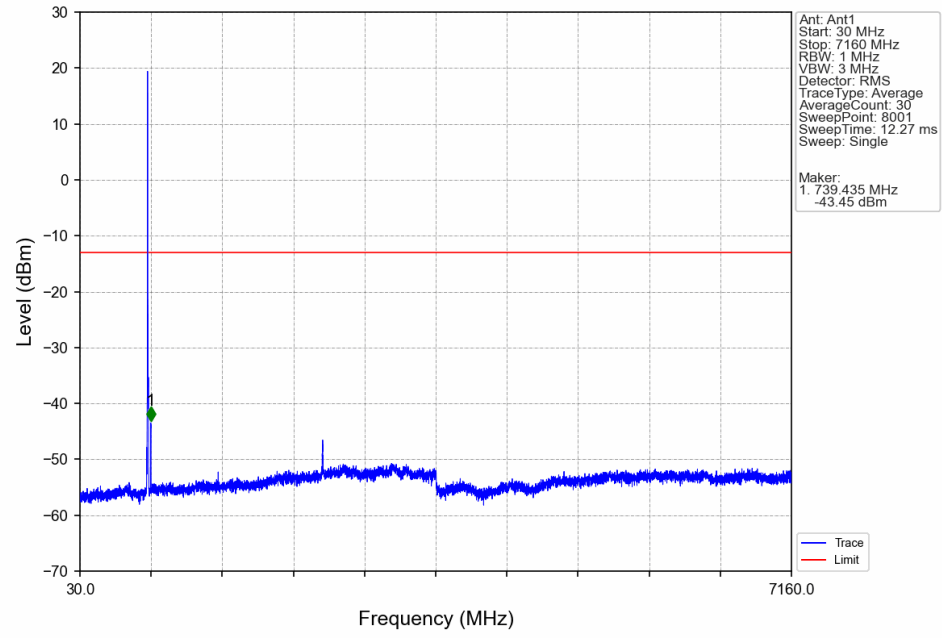

Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



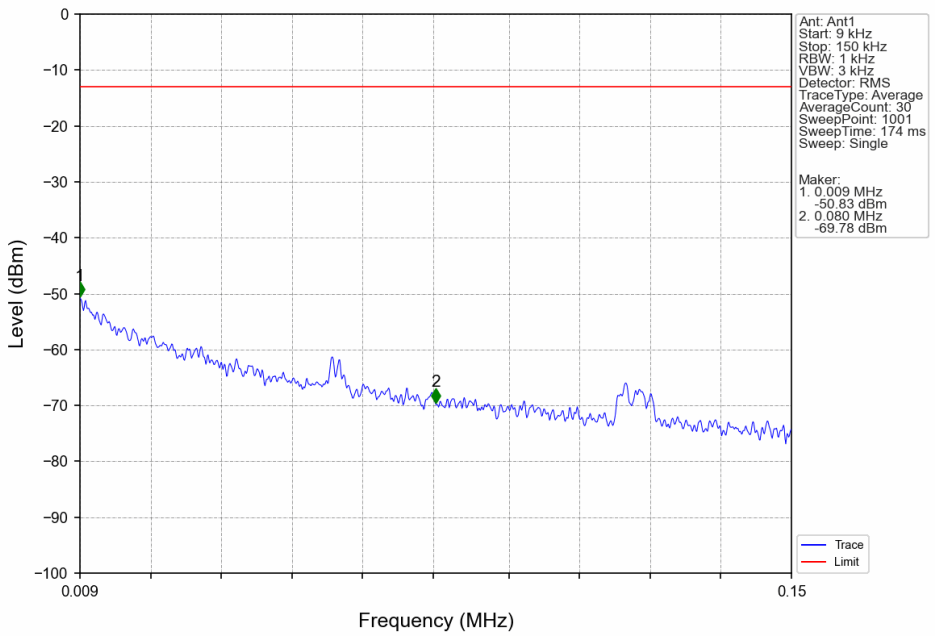
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



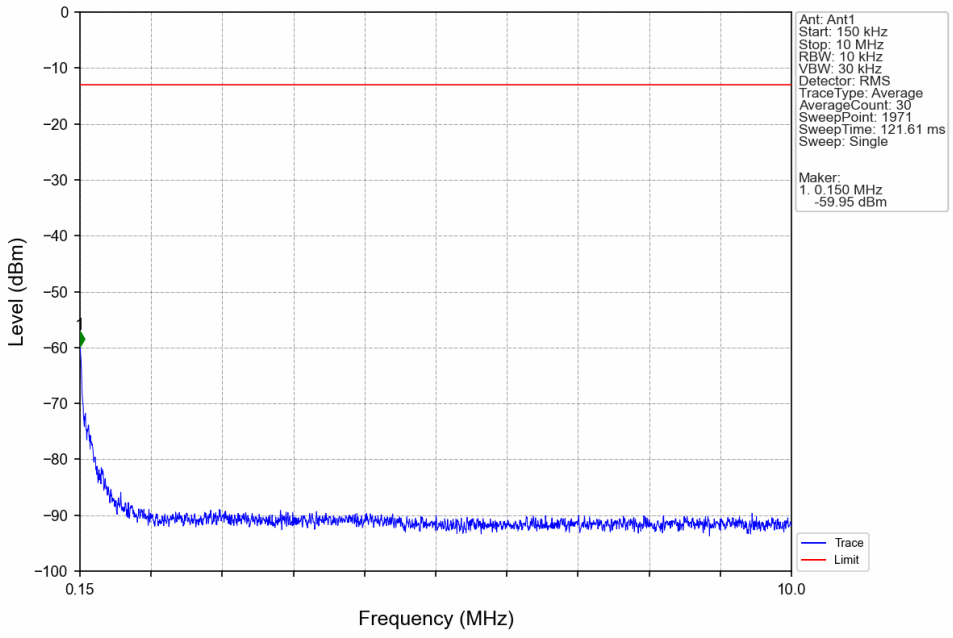

Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



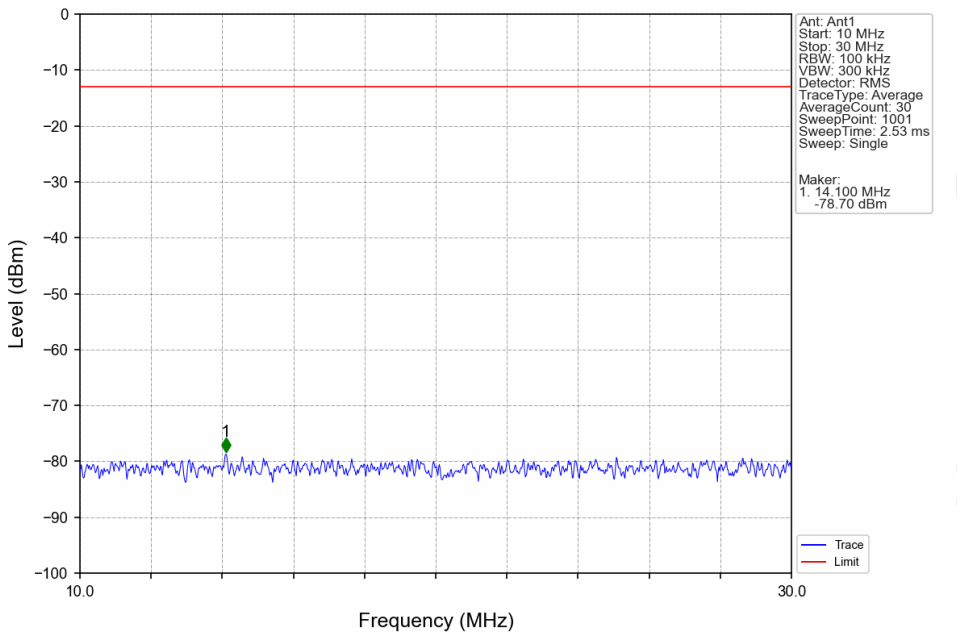
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



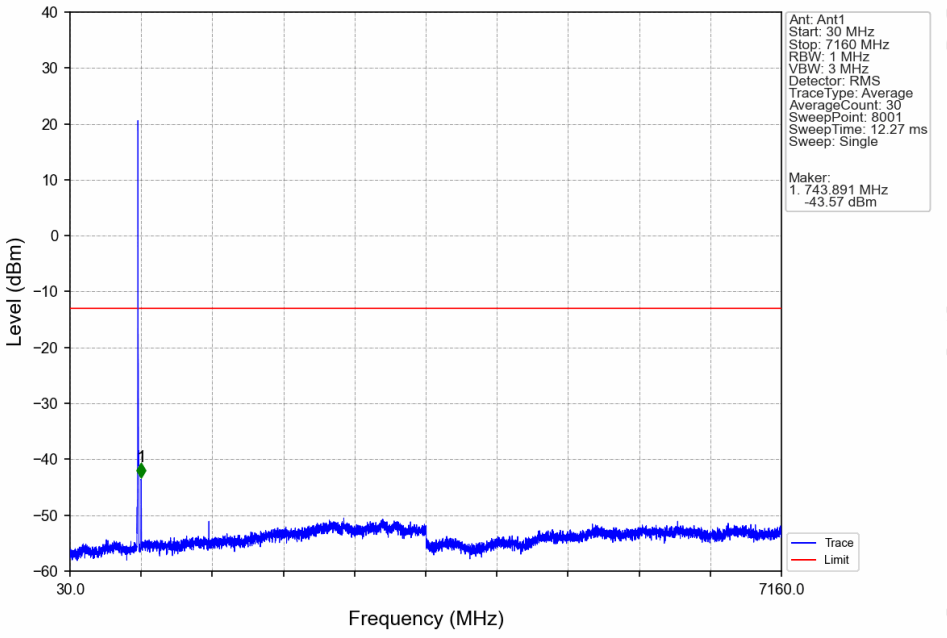

Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



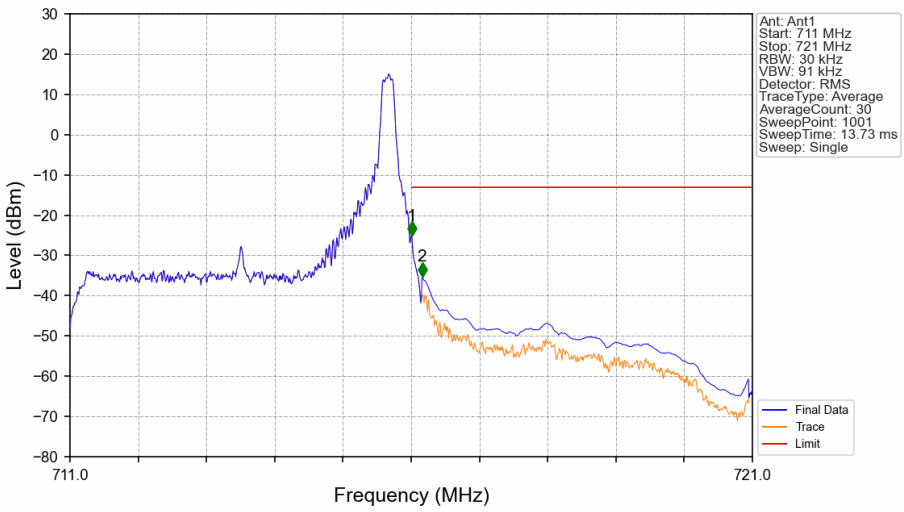
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV




Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

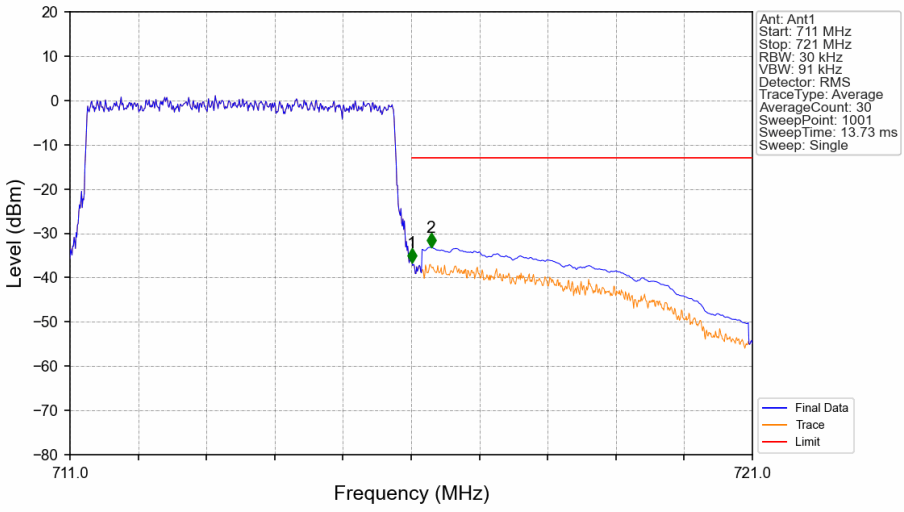


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 711 | 716 | 0.03 | / | / | / | / | / | / |
| 716 | 716.1 | 0.03 | / | 1 | 716.010 | -25.13 | -13 | Pass |
| 716.1 | 721 | 0.1 | CHP | 2 | 716.160 | -35.16 | -13 | Pass |

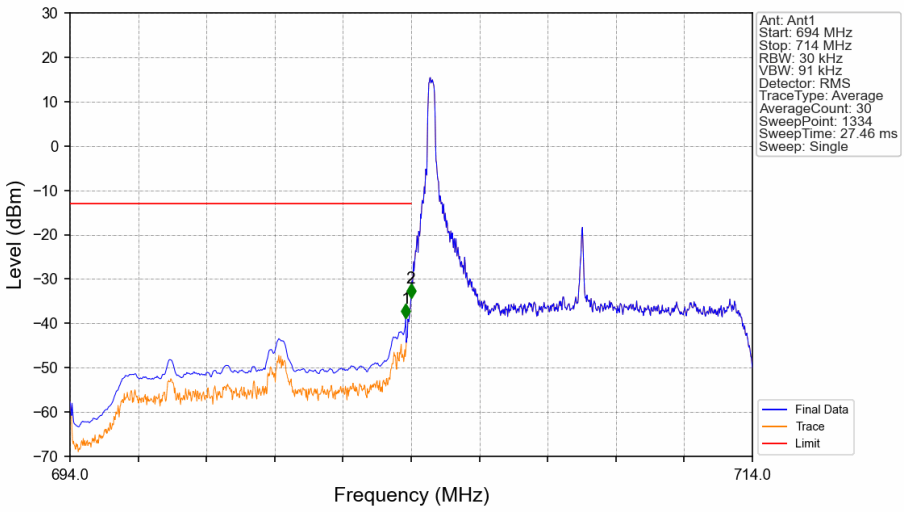
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 711 | 716 | 0.03 | / | / | / | / | / | / |
| 716 | 716.1 | 0.03 | / | 1 | 716.010 | -36.62 | -13 | Pass |
| 716.1 | 721 | 0.1 | CHP | 2 | 716.290 | -33.15 | -13 | Pass |

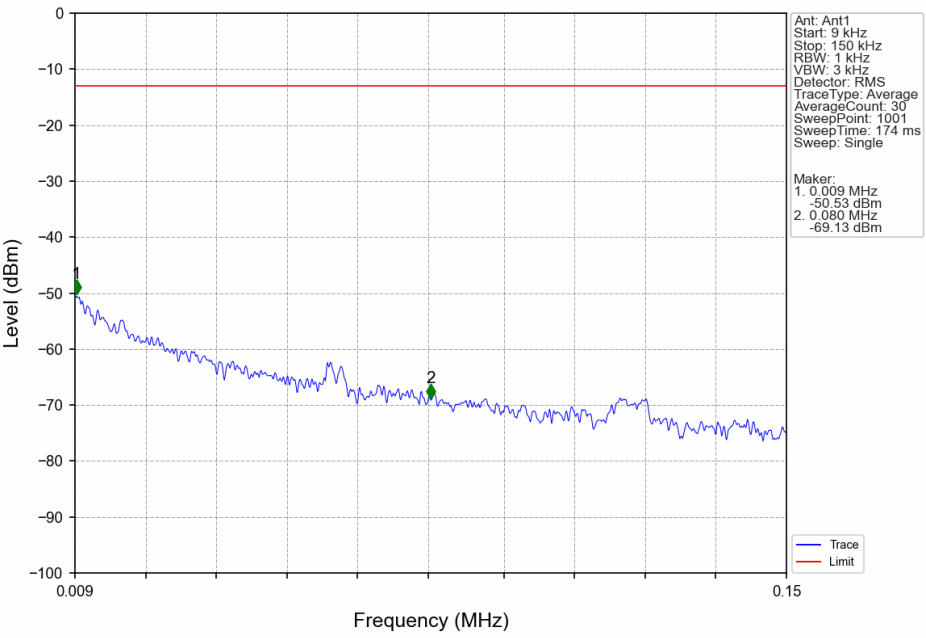
## 6.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

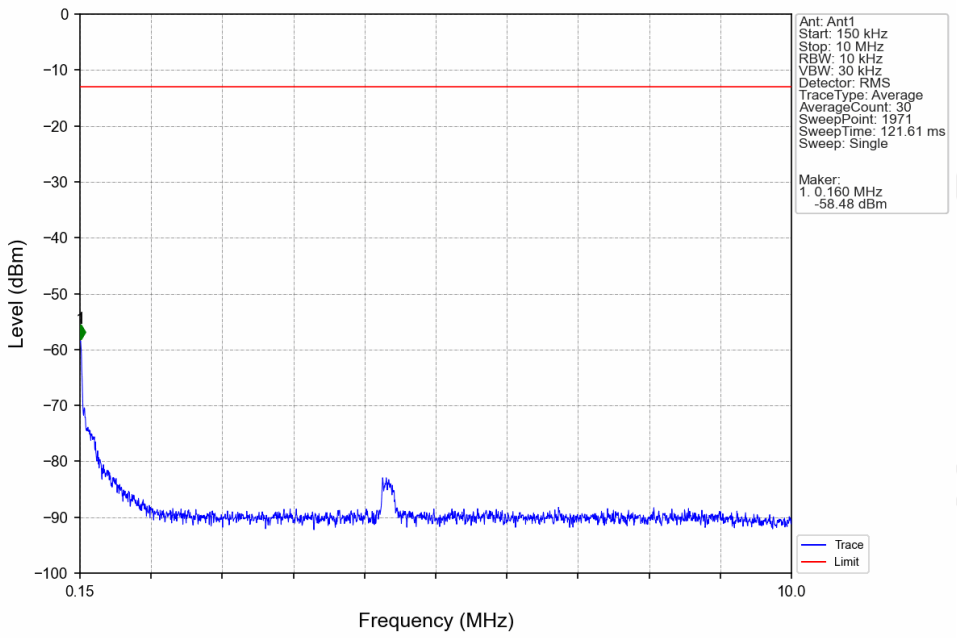



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 694 | 703.9 | 0.1 | CHP | 1 | 703.842 | -38.83 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.992 | -34.30 | -13 | Pass |
| 704 | 714 | 0.03 | / | / | / | / | / | / |

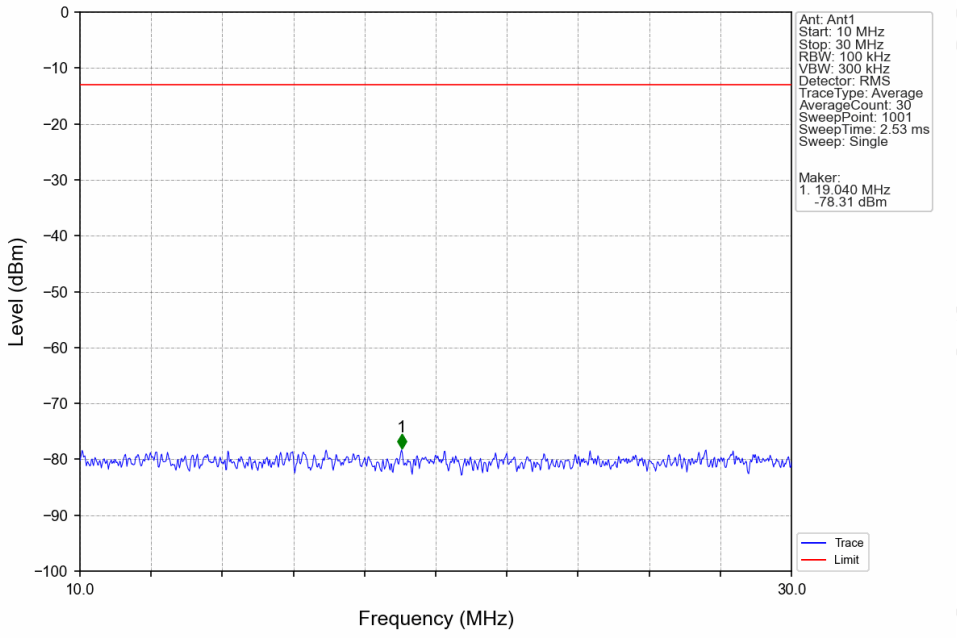
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



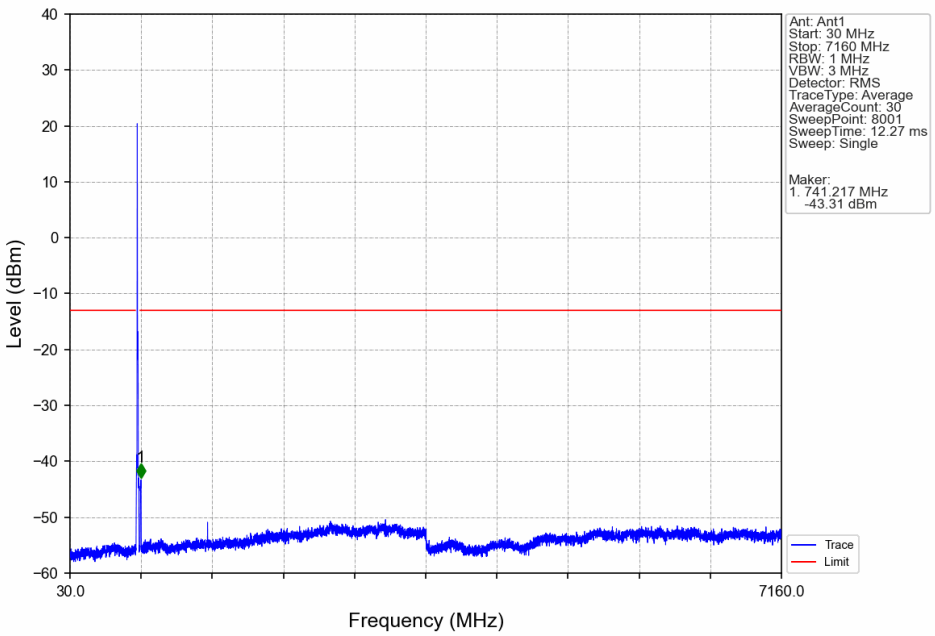
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



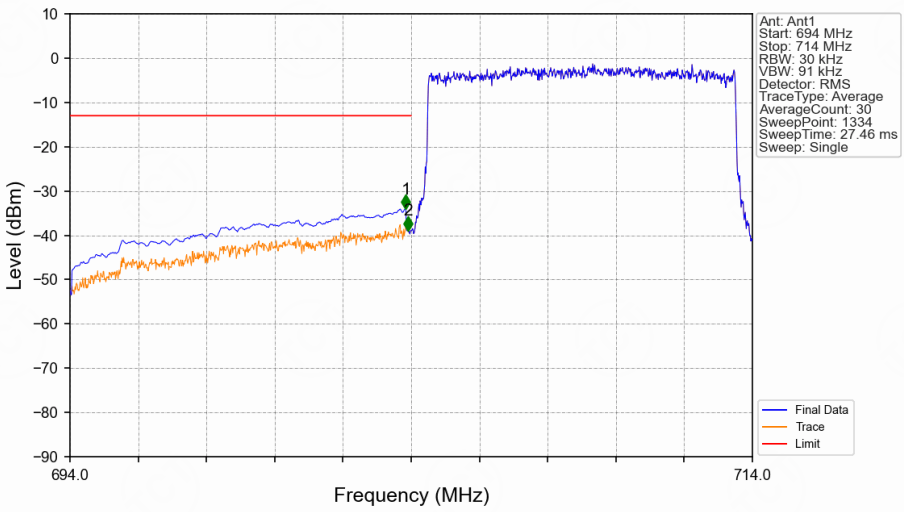

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

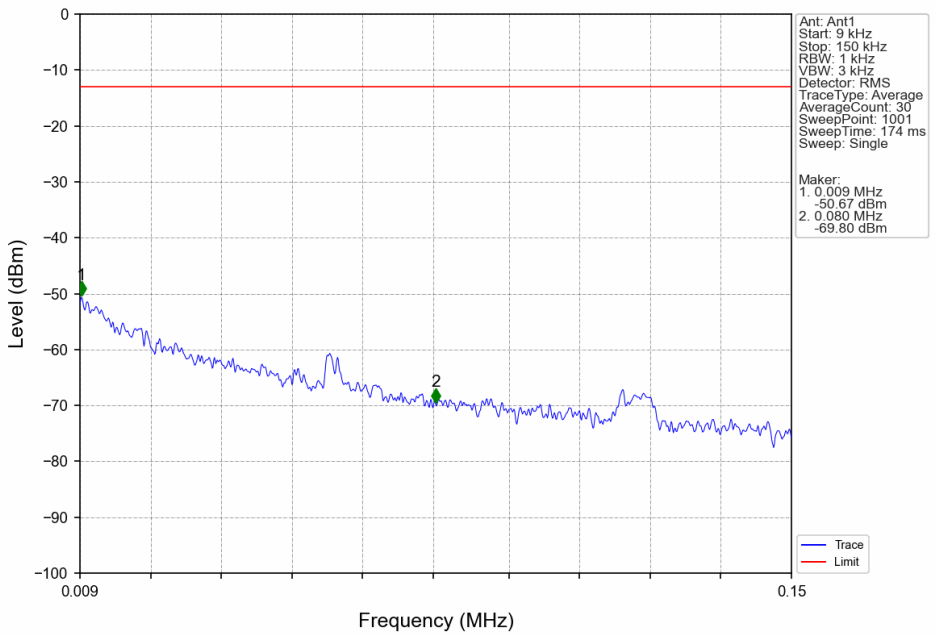



Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

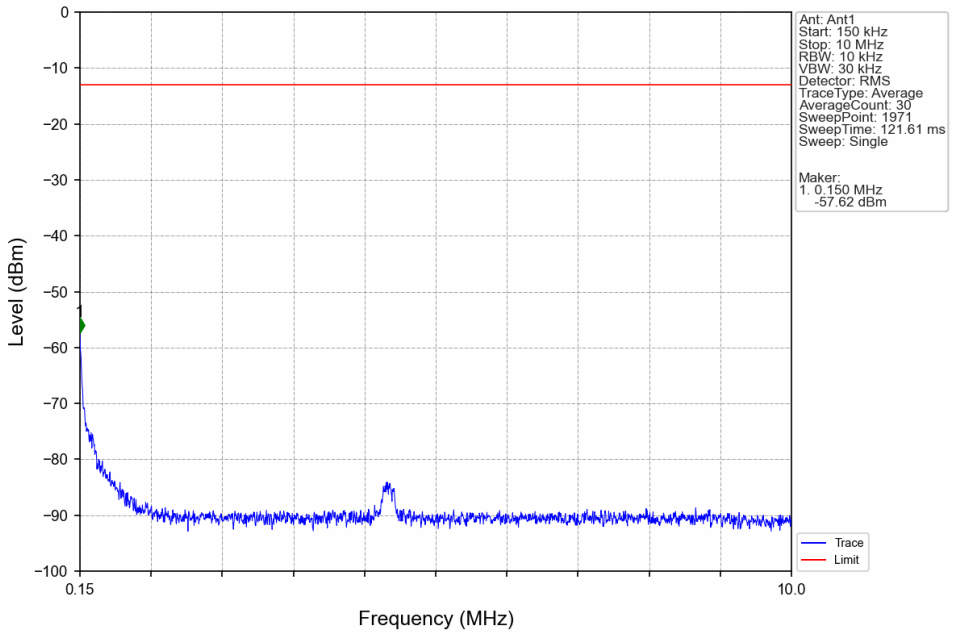



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 694 | 703.9 | 0.1 | CHP | 1 | 703.842 | -33.99 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.902 | -38.85 | -13 | Pass |
| 704 | 714 | 0.03 | / | / | / | / | / | / |

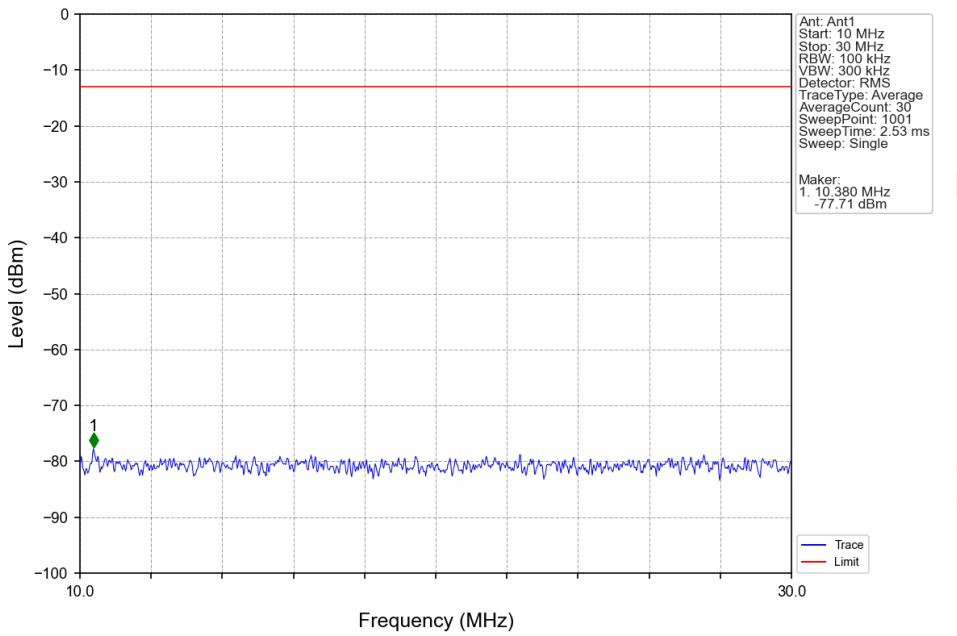
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



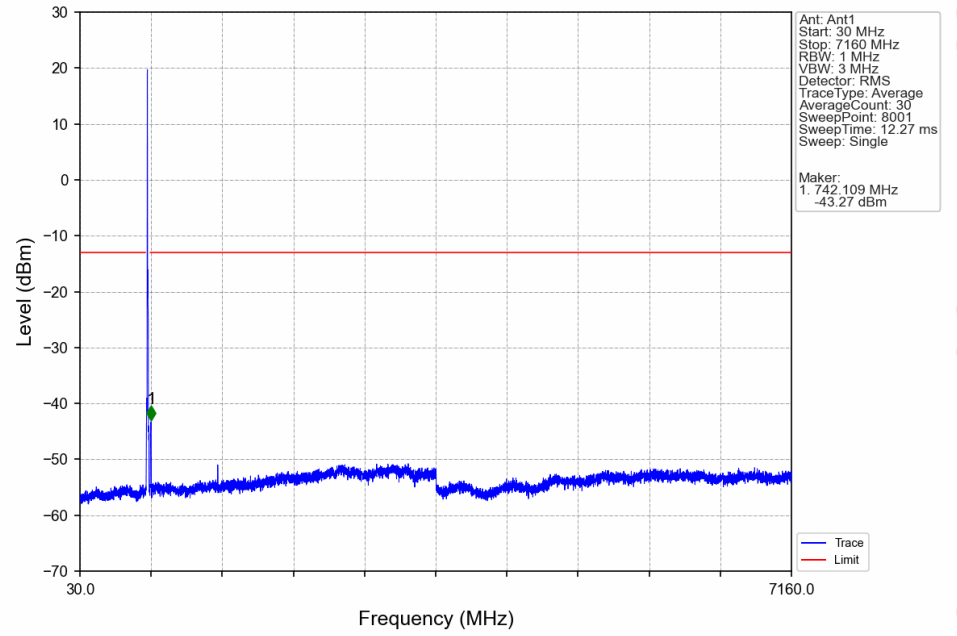

Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



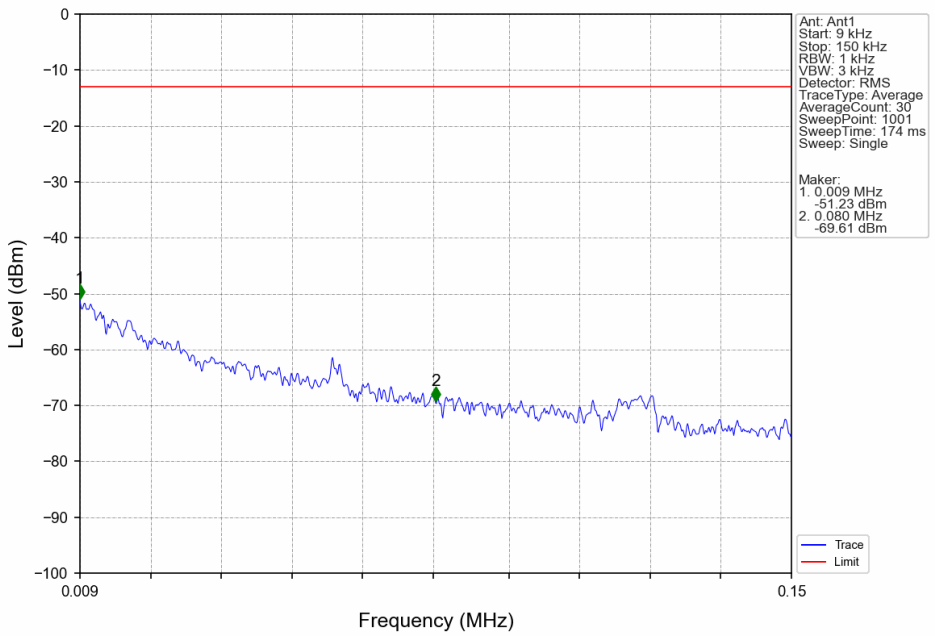
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



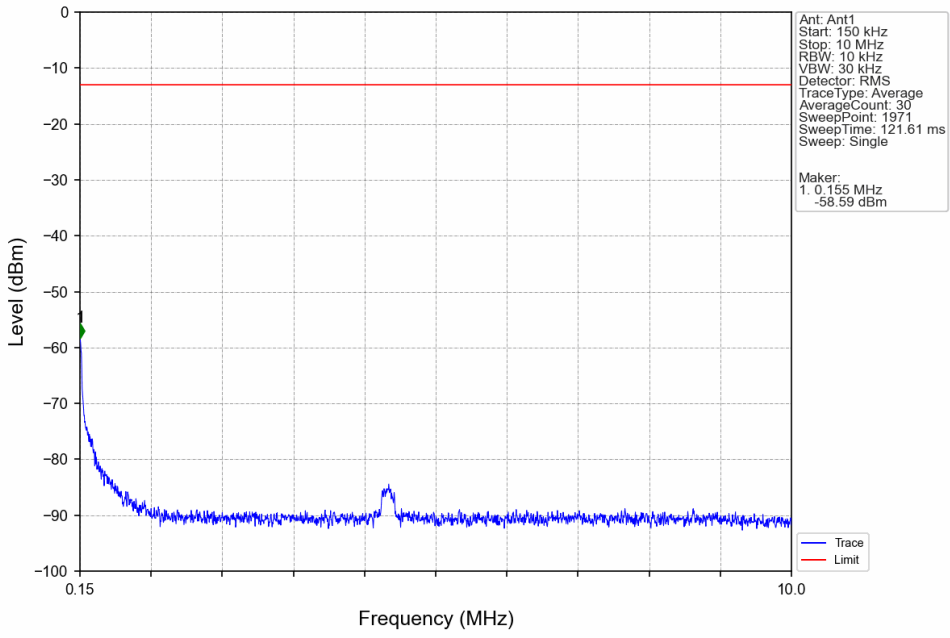

Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



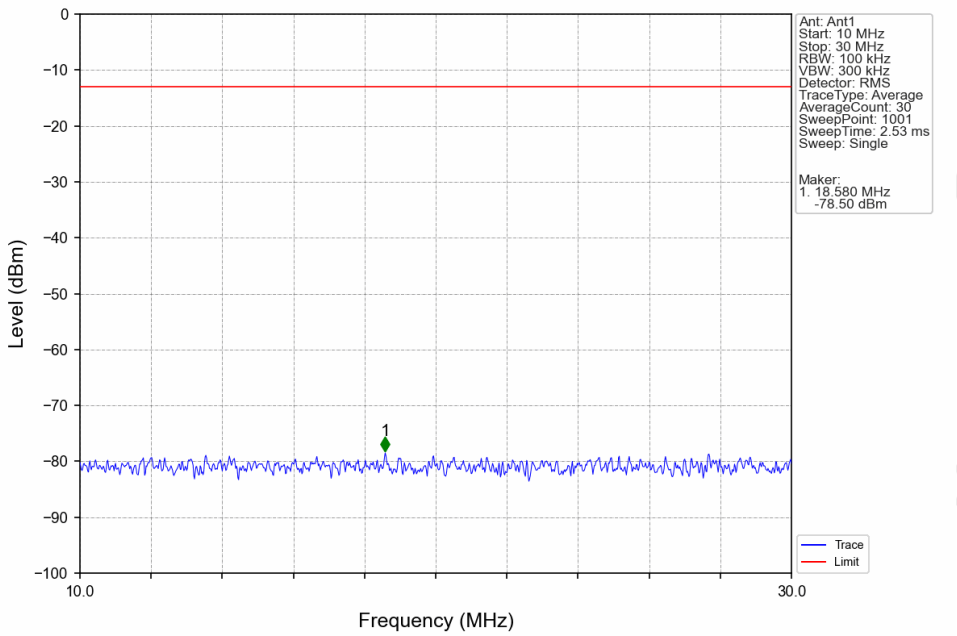
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



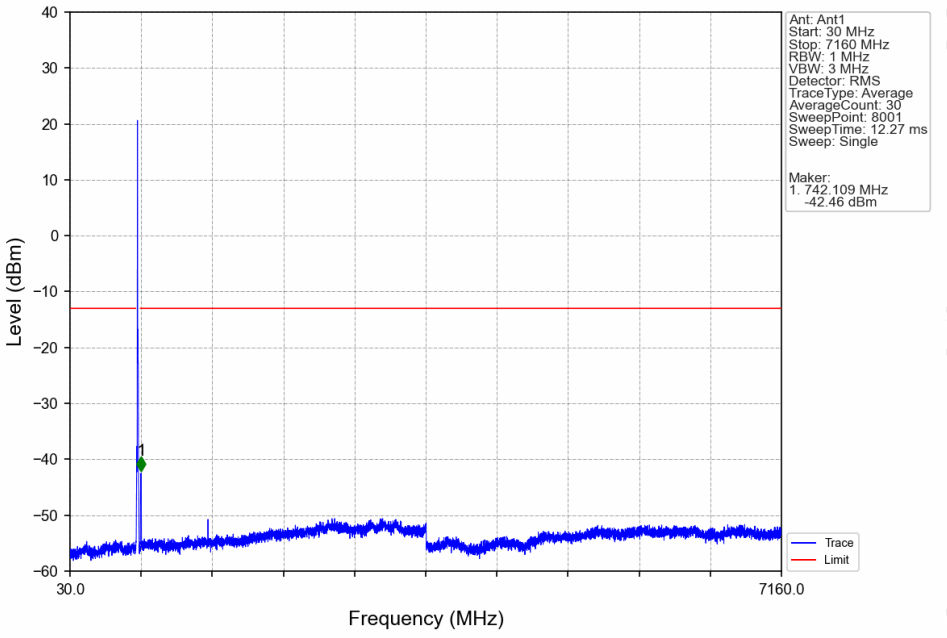

Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



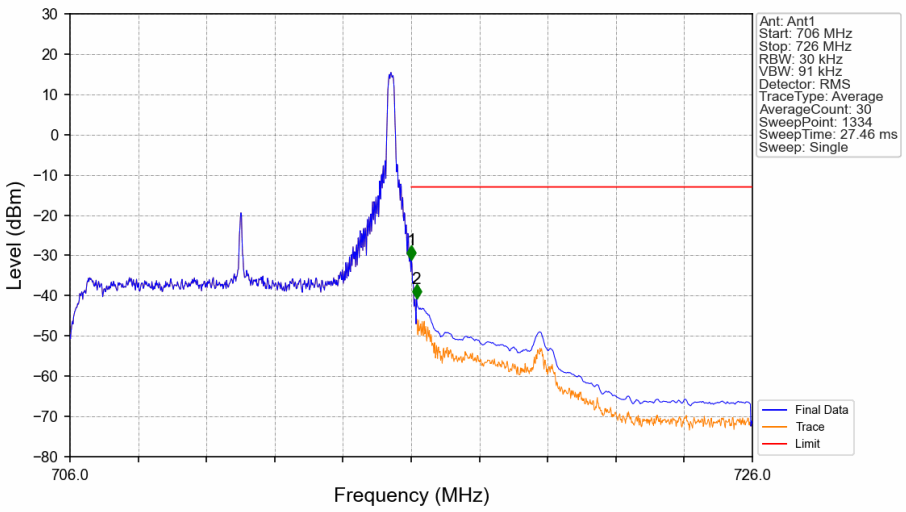
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV




Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

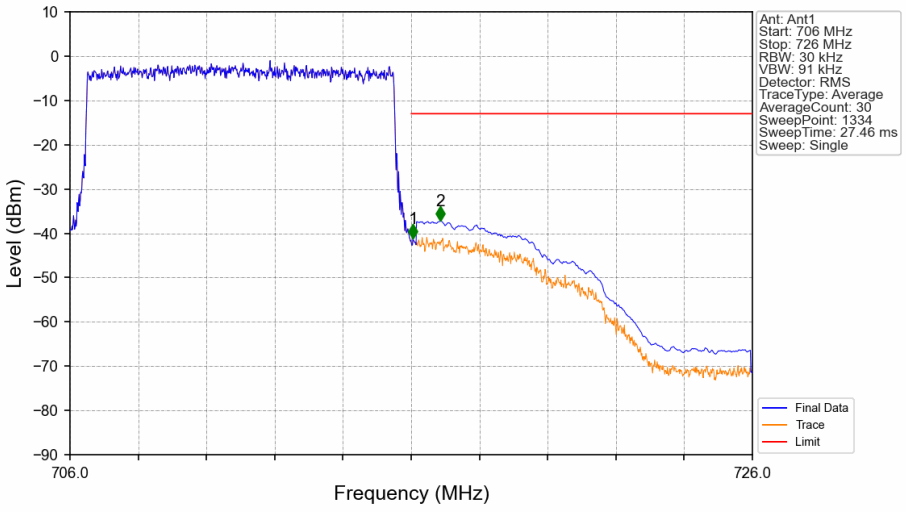


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



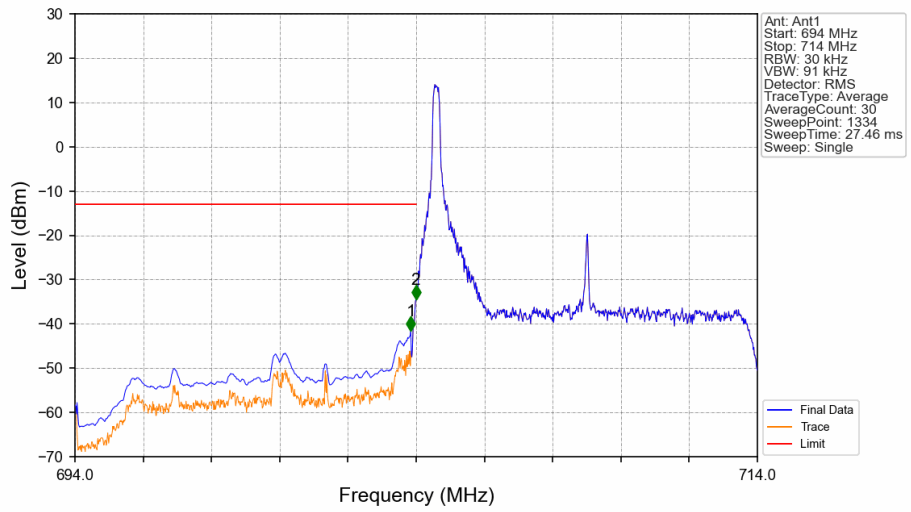

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 706 | 716 | 0.03 | / | / | / | / | / | / |
| 716 | 716.1 | 0.03 | / | 1 | 716.008 | -31.13 | -13 | Pass |
| 716.1 | 726 | 0.1 | CHP | 2 | 716.158 | -40.72 | -13 | Pass |

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



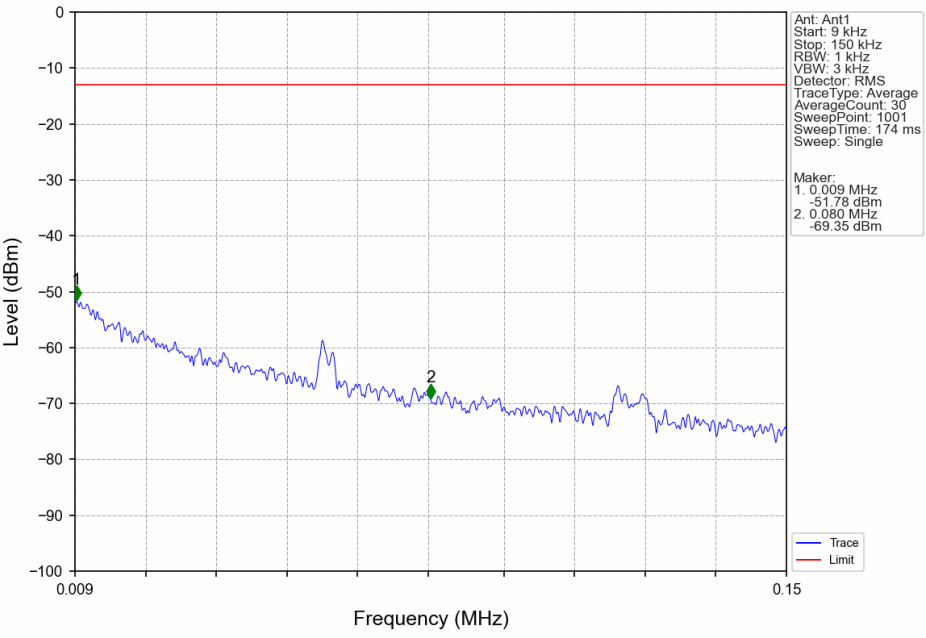

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 706 | 716 | 0.03 | / | / | / | / | / | / |
| 716 | 716.1 | 0.03 | / | 1 | 716.053 | -41.21 | -13 | Pass |
| 716.1 | 726 | 0.1 | CHP | 2 | 716.863 | -37.13 | -13 | Pass |

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

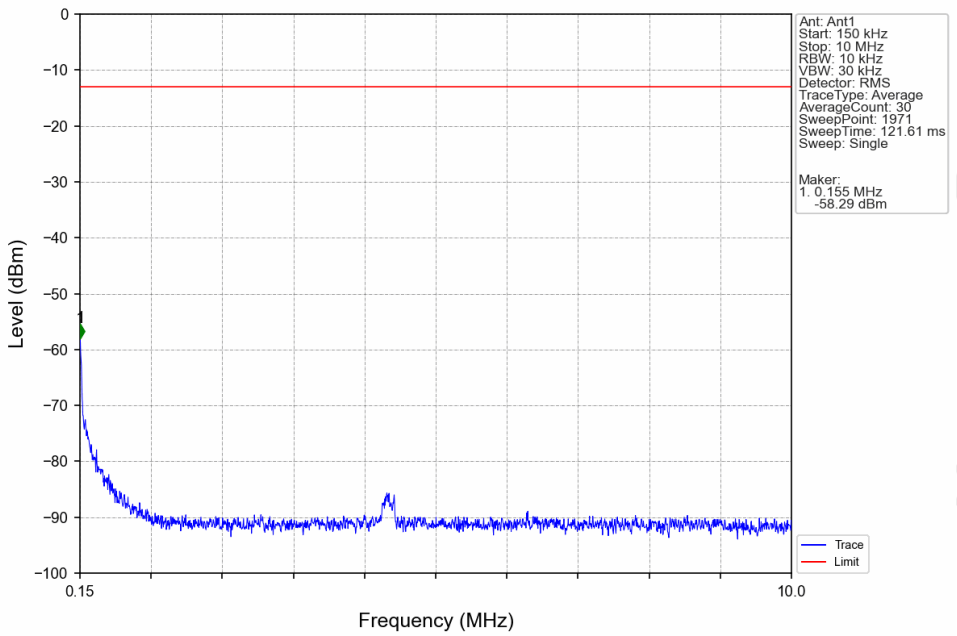



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 694 | 703.9 | 0.1 | CHP | 1 | 703.842 | -41.52 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.992 | -34.40 | -13 | Pass |
| 704 | 714 | 0.03 | / | / | / | / | / | / |

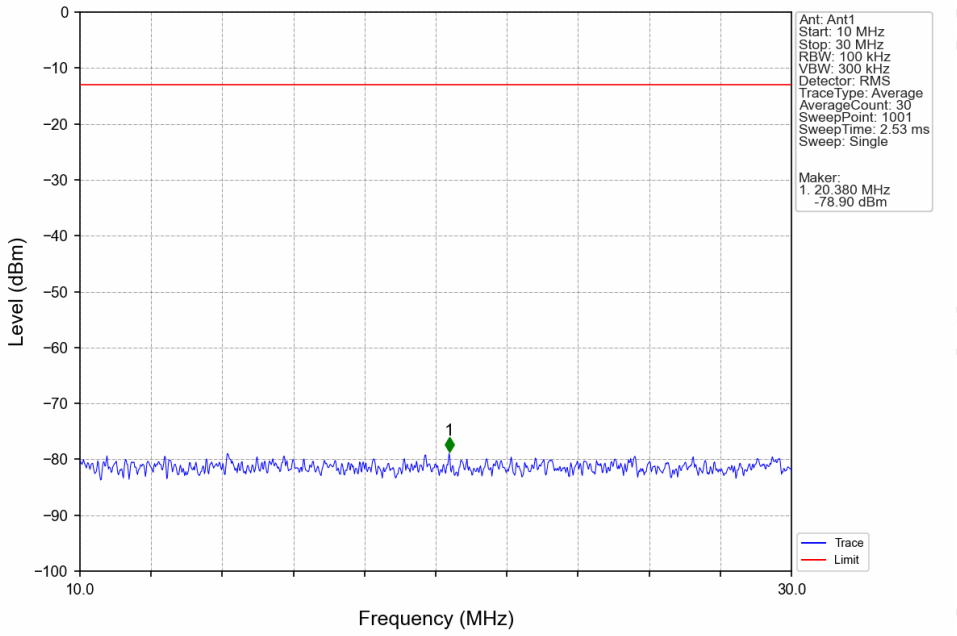
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



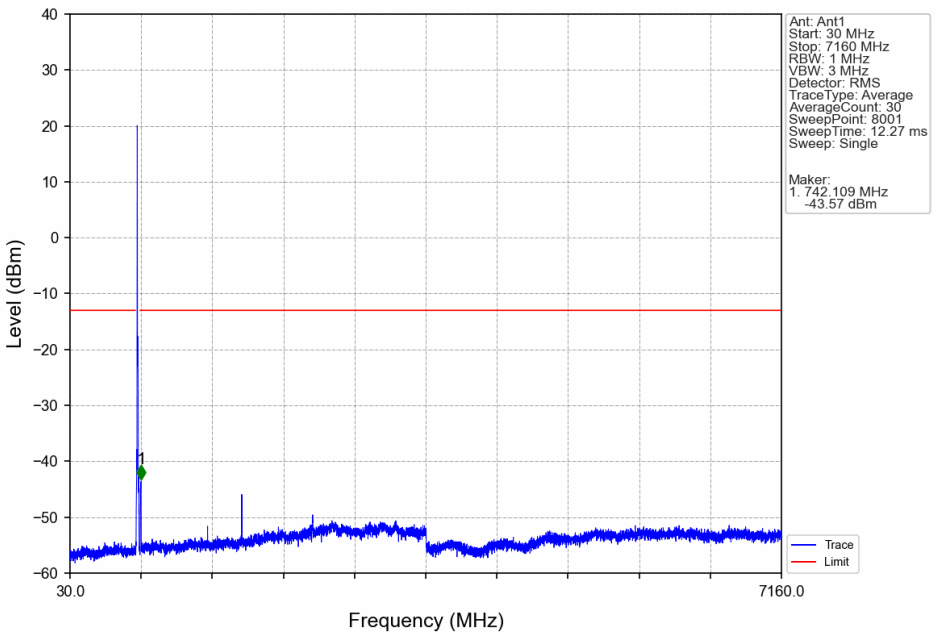
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



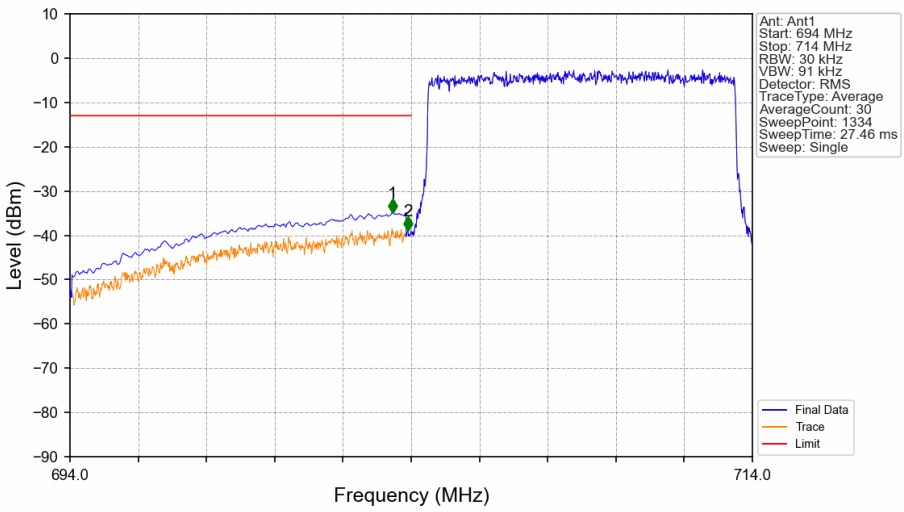

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

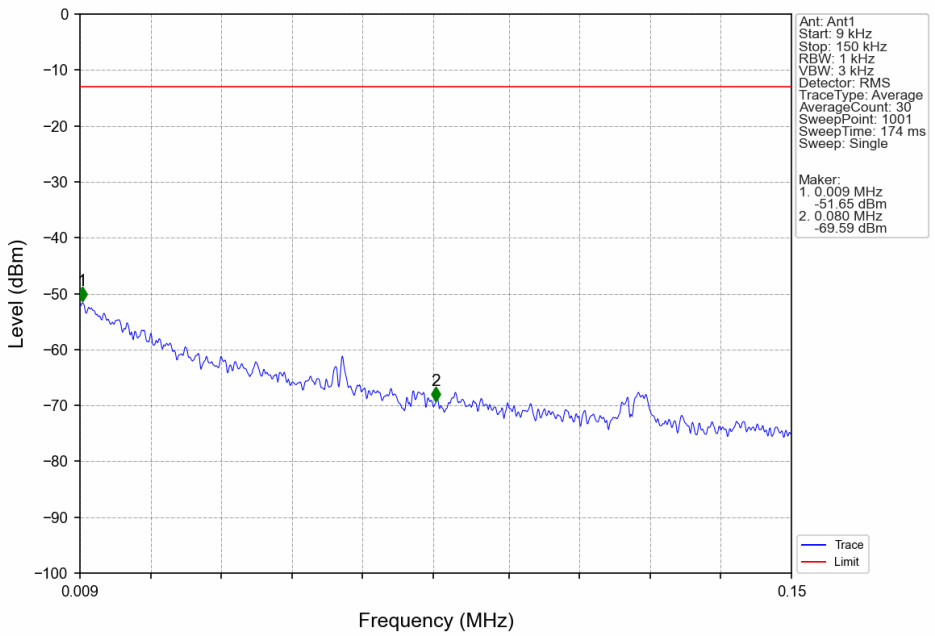



Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

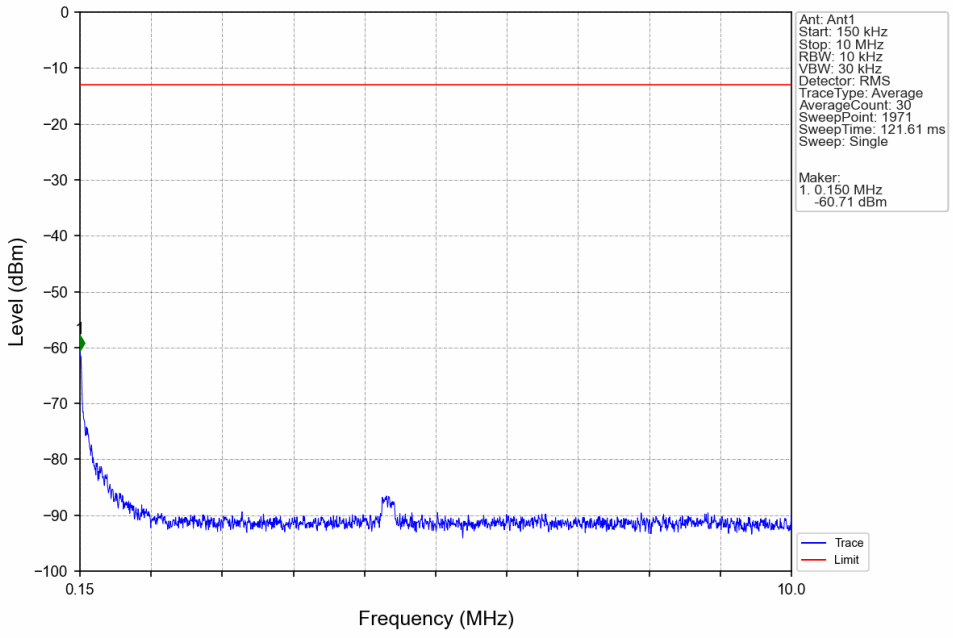



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 694 | 703.9 | 0.1 | CHP | 1 | 703.452 | -34.90 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.902 | -39.03 | -13 | Pass |
| 704 | 714 | 0.03 | / | / | / | / | / | / |

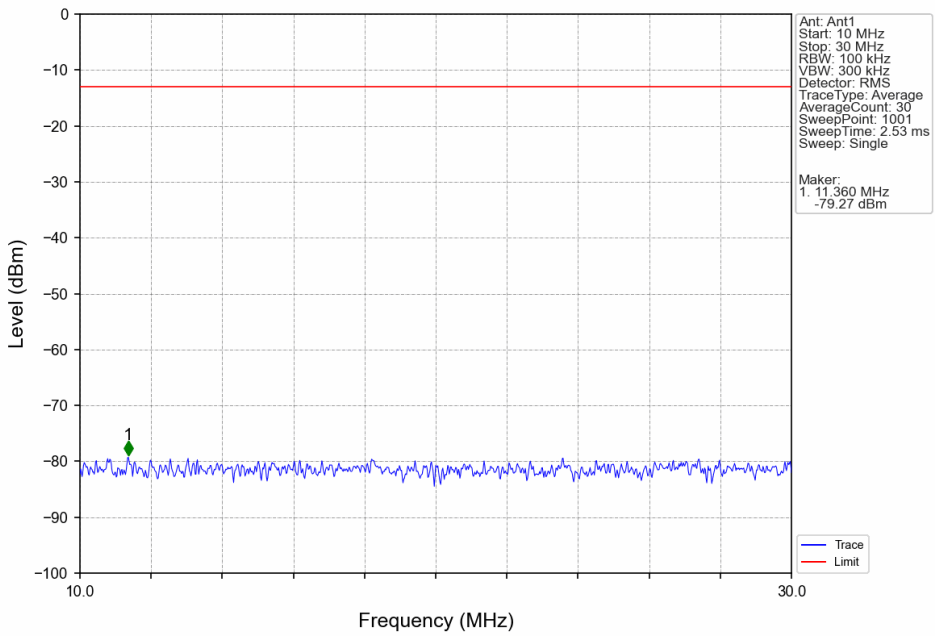
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



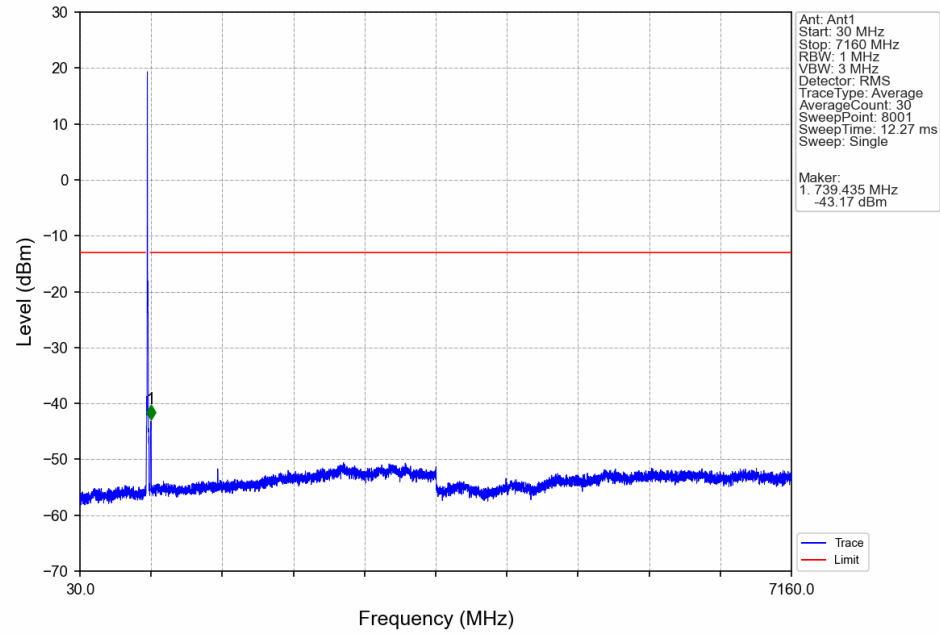

Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



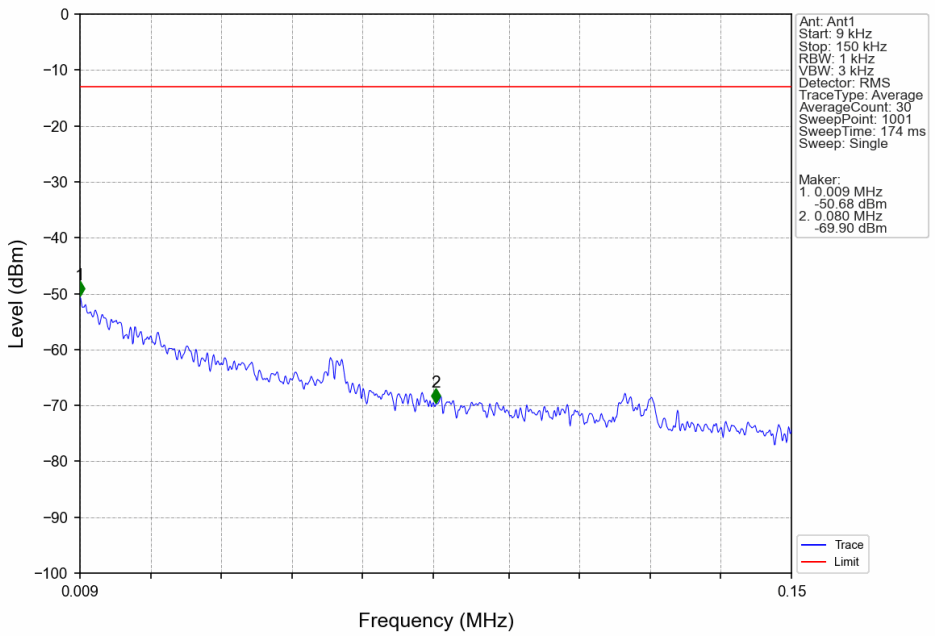
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



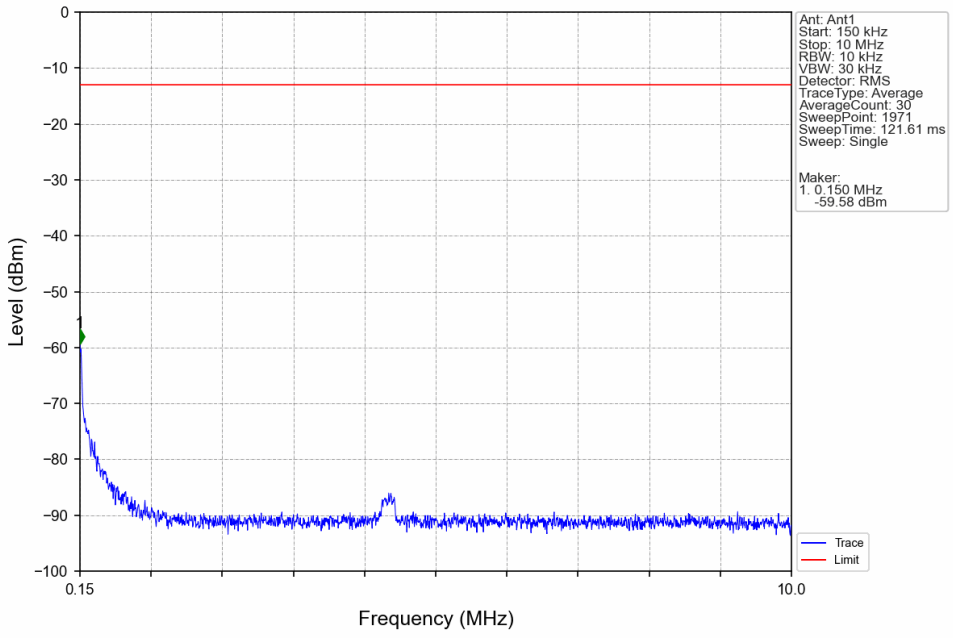

Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



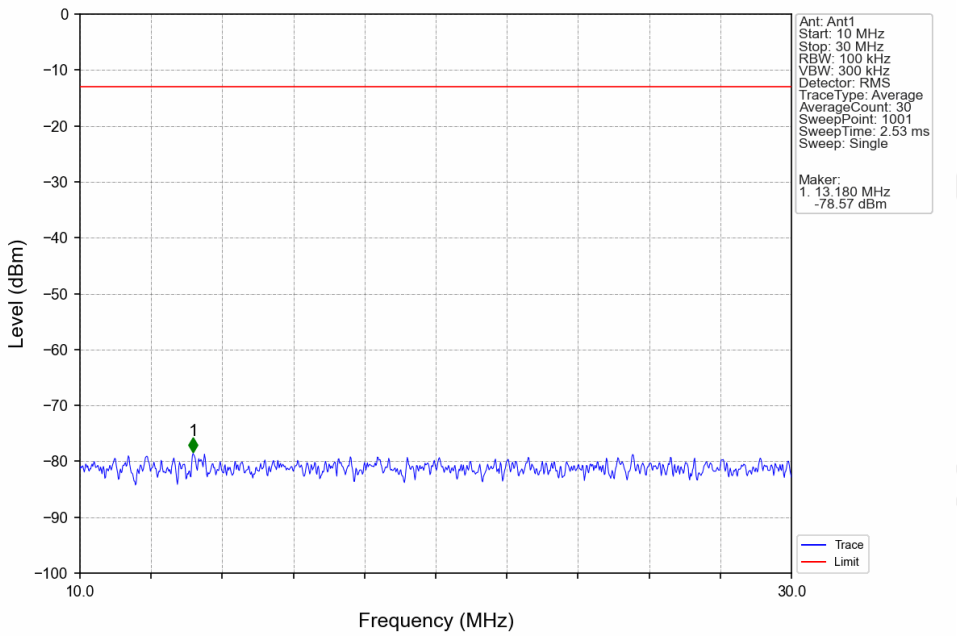
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



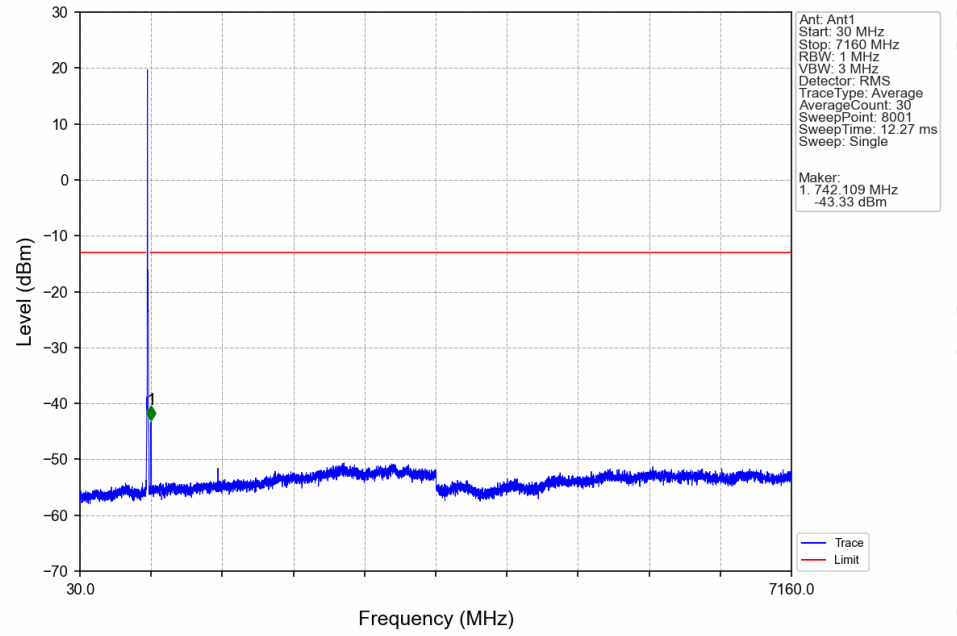

Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



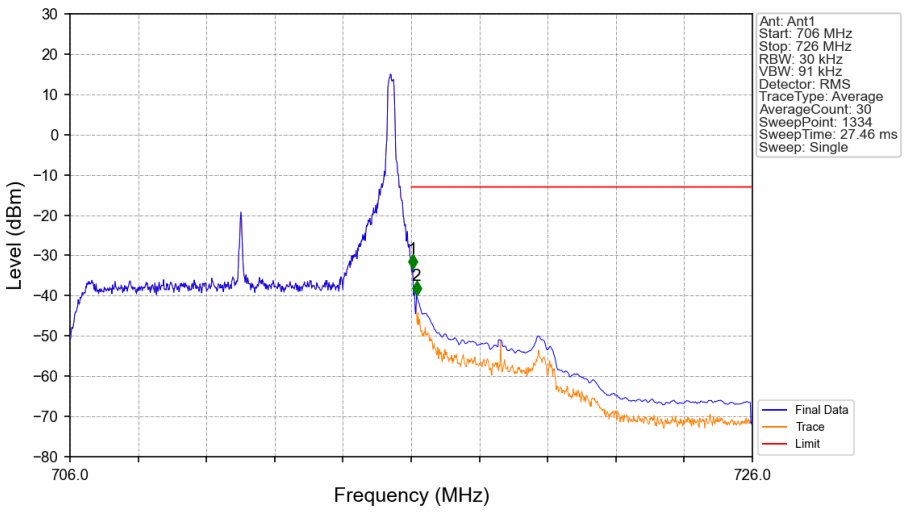
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV




Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

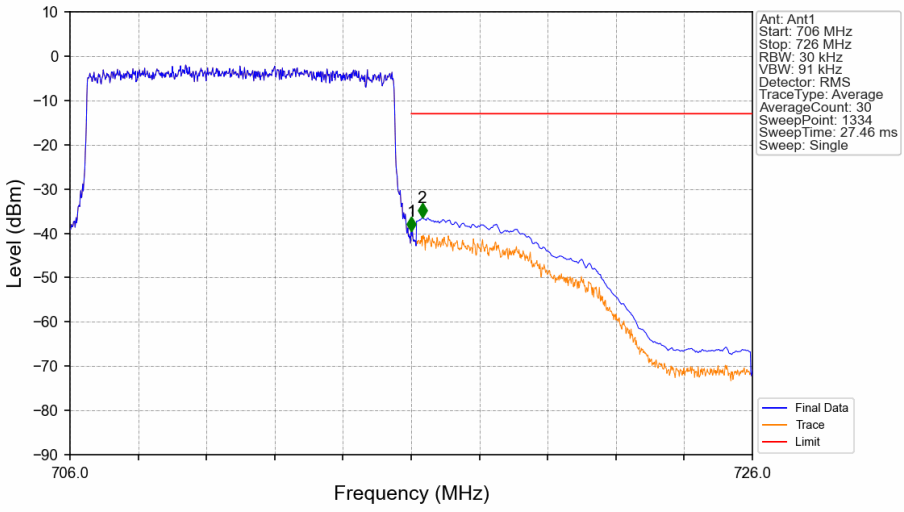


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 706 | 716 | 0.03 | / | / | / | / | / | / |
| 716 | 716.1 | 0.03 | / | 1 | 716.038 | -33.29 | -13 | Pass |
| 716.1 | 726 | 0.1 | CHP | 2 | 716.158 | -39.96 | -13 | Pass |

Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 706 | 716 | 0.03 | / | / | / | / | / | / |
| 716 | 716.1 | 0.03 | / | 1 | 716.008 | -39.43 | -13 | Pass |
| 716.1 | 726 | 0.1 | CHP | 2 | 716.323 | -36.47 | -13 | Pass |

# 7. Form731

## 7.1 Test Result

### 7.1.1 Form731_Power

| Band | BW | Lower Freq | High Freq | MAX Power (W) | Value | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| 17 | 5 | 706.5 | 713.5 | 0.1811 | 0.0087 | ppm | 4M56G7D | 27H | 22.58 |
| 17 | 5 | 706.5 | 713.5 | 0.1535 | 0.0103 | ppm | 4M57W7D | 27H | 21.86 |
| 17 | 10 | 709 | 711 | 0.1820 | 0.0073 | ppm | 9M04G7D | 27H | 22.60 |
| 17 | 10 | 709 | 711 | 0.1528 | 0.0075 | ppm | 9M03W7D | 27H | 21.84 |

### 7.1.2 Form731_ERP

| Band | BW | Lower Freq | High Freq | MAX Power (W) | Value | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| 17 | 5 | 706.5 | 713.5 | 0.0261 | 0.0087 | ppm | 4M56G7D | 27H | 14.16 |
| 17 | 5 | 706.5 | 713.5 | 0.0221 | 0.0103 | ppm | 4M57W7D | 27H | 13.44 |
| 17 | 10 | 709 | 711 | 0.0262 | 0.0073 | ppm | 9M04G7D | 27H | 14.18 |
| 17 | 10 | 709 | 711 | 0.0220 | 0.0075 | ppm | 9M03W7D | 27H | 13.42 |