# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B17_5MHz_ERP

### 1.1.1 Test Result

| 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 | 22.31 | 0.20 | 20.16 | <=34.77 | Pass |
| | | | 13 | 22.47 | 0.20 | 20.32 | <=34.77 | Pass |
| | | | 24 | 22.37 | 0.20 | 20.22 | <=34.77 | Pass |
| | | 12 | 0 | 21.31 | 0.20 | 19.16 | <=34.77 | Pass |
| | | | 6 | 21.42 | 0.20 | 19.27 | <=34.77 | Pass |
| | | | 13 | 21.51 | 0.20 | 19.36 | <=34.77 | Pass |
| | | 25 | 0 | 21.39 | 0.20 | 19.24 | <=34.77 | Pass |
| | 710 | 1 | 0 | 22.28 | 0.20 | 20.13 | <=34.77 | Pass |
| | | | 13 | 22.47 | 0.20 | 20.32 | <=34.77 | Pass |
| | | | 24 | 22.39 | 0.20 | 20.24 | <=34.77 | Pass |
| | | 12 | 0 | 21.33 | 0.20 | 19.18 | <=34.77 | Pass |
| | | | 6 | 21.46 | 0.20 | 19.31 | <=34.77 | Pass |
| | | | 13 | 21.34 | 0.20 | 19.19 | <=34.77 | Pass |
| | | 25 | 0 | 21.35 | 0.20 | 19.20 | <=34.77 | Pass |
| | 713.5 | 1 | 0 | 22.34 | 0.20 | 20.19 | <=34.77 | Pass |
| | | | 13 | 22.49 | 0.20 | 20.34 | <=34.77 | Pass |
| | | | 24 | 22.42 | 0.20 | 20.27 | <=34.77 | Pass |
| | | 12 | 0 | 21.52 | 0.20 | 19.37 | <=34.77 | Pass |
| | | | 6 | 21.54 | 0.20 | 19.39 | <=34.77 | Pass |
| | | | 13 | 21.52 | 0.20 | 19.37 | <=34.77 | Pass |
| | | 25 | 0 | 21.53 | 0.20 | 19.38 | <=34.77 | Pass |
| 16QAM | 706.5 | 1 | 0 | 21.14 | 0.20 | 18.99 | <=34.77 | Pass |
| | | | 13 | 21.27 | 0.20 | 19.12 | <=34.77 | Pass |
| | | | 24 | 21.19 | 0.20 | 19.04 | <=34.77 | Pass |
| | | 12 | 0 | 20.25 | 0.20 | 18.10 | <=34.77 | Pass |
| | | | 6 | 20.37 | 0.20 | 18.22 | <=34.77 | Pass |
| | | | 13 | 20.47 | 0.20 | 18.32 | <=34.77 | Pass |
| | | 25 | 0 | 20.38 | 0.20 | 18.23 | <=34.77 | Pass |
| | 710 | 1 | 0 | 21.35 | 0.20 | 19.20 | <=34.77 | Pass |
| | | | 13 | 21.54 | 0.20 | 19.39 | <=34.77 | Pass |
| | | | 24 | 21.47 | 0.20 | 19.32 | <=34.77 | Pass |
| | | 12 | 0 | 20.26 | 0.20 | 18.11 | <=34.77 | Pass |
| | | | 6 | 20.40 | 0.20 | 18.25 | <=34.77 | Pass |
| | | | 13 | 20.26 | 0.20 | 18.11 | <=34.77 | Pass |
| | | 25 | 0 | 20.33 | 0.20 | 18.18 | <=34.77 | Pass |
| | 713.5 | 1 | 0 | 21.58 | 0.20 | 19.43 | <=34.77 | Pass |
| | | | 13 | 21.78 | 0.20 | 19.63 | <=34.77 | Pass |
| | | | 24 | 21.65 | 0.20 | 19.50 | <=34.77 | Pass |
| | | 12 | 0 | 20.54 | 0.20 | 18.39 | <=34.77 | Pass |
| | | | 6 | 20.52 | 0.20 | 18.37 | <=34.77 | Pass |
| | | | 13 | 20.50 | 0.20 | 18.35 | <=34.77 | Pass |
| | | 25 | 0 | 20.51 | 0.20 | 18.36 | <=34.77 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

## 1.2 B17_10MHz_ERP

### 1.2.1 Test Result

| 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 | 22.36 | 0.20 | 20.21 | <=34.77 | Pass |
| | | | 25 | 22.66 | 0.20 | 20.51 | <=34.77 | Pass |
| | | | 49 | 22.55 | 0.20 | 20.40 | <=34.77 | Pass |
| | | 25 | 0 | 21.27 | 0.20 | 19.12 | <=34.77 | Pass |
| | | | 13 | 21.43 | 0.20 | 19.28 | <=34.77 | Pass |
| | | | 25 | 21.34 | 0.20 | 19.19 | <=34.77 | Pass |
| | | 50 | 0 | 21.27 | 0.20 | 19.12 | <=34.77 | Pass |
| | 710 | 1 | 0 | 22.34 | 0.20 | 20.19 | <=34.77 | Pass |
| | | | 25 | 22.54 | 0.20 | 20.39 | <=34.77 | Pass |
| | | | 49 | 22.47 | 0.20 | 20.32 | <=34.77 | Pass |
| | | 25 | 0 | 21.26 | 0.20 | 19.11 | <=34.77 | Pass |
| | | | 13 | 21.45 | 0.20 | 19.30 | <=34.77 | Pass |
| | | | 25 | 21.34 | 0.20 | 19.19 | <=34.77 | Pass |
| | | 50 | 0 | 21.29 | 0.20 | 19.14 | <=34.77 | Pass |
| | 711 | 1 | 0 | 22.32 | 0.20 | 20.17 | <=34.77 | Pass |
| | | | 25 | 22.58 | 0.20 | 20.43 | <=34.77 | Pass |
| | | | 49 | 22.50 | 0.20 | 20.35 | <=34.77 | Pass |
| | | 25 | 0 | 21.35 | 0.20 | 19.20 | <=34.77 | Pass |
| | | | 13 | 21.45 | 0.20 | 19.30 | <=34.77 | Pass |
| | | | 25 | 21.41 | 0.20 | 19.26 | <=34.77 | Pass |
| | | 50 | 0 | 21.36 | 0.20 | 19.21 | <=34.77 | Pass |
| 16QAM | 709 | 1 | 0 | 21.32 | 0.20 | 19.17 | <=34.77 | Pass |
| | | | 25 | 21.56 | 0.20 | 19.41 | <=34.77 | Pass |
| | | | 49 | 21.54 | 0.20 | 19.39 | <=34.77 | Pass |
| | | 25 | 0 | 20.31 | 0.20 | 18.16 | <=34.77 | Pass |
| | | | 13 | 20.49 | 0.20 | 18.34 | <=34.77 | Pass |
| | | | 25 | 20.40 | 0.20 | 18.25 | <=34.77 | Pass |
| | | 50 | 0 | 20.31 | 0.20 | 18.16 | <=34.77 | Pass |
| | 710 | 1 | 0 | 21.50 | 0.20 | 19.35 | <=34.77 | Pass |
| | | | 25 | 21.70 | 0.20 | 19.55 | <=34.77 | Pass |
| | | | 49 | 21.64 | 0.20 | 19.49 | <=34.77 | Pass |
| | | 25 | 0 | 20.27 | 0.20 | 18.12 | <=34.77 | Pass |
| | | | 13 | 20.43 | 0.20 | 18.28 | <=34.77 | Pass |
| | | | 25 | 20.34 | 0.20 | 18.19 | <=34.77 | Pass |
| | | 50 | 0 | 20.27 | 0.20 | 18.12 | <=34.77 | Pass |
| | 711 | 1 | 0 | 21.83 | 0.20 | 19.68 | <=34.77 | Pass |
| | | | 25 | 22.12 | 0.20 | 19.97 | <=34.77 | Pass |
| | | | 49 | 22.00 | 0.20 | 19.85 | <=34.77 | Pass |
| | | 25 | 0 | 20.35 | 0.20 | 18.20 | <=34.77 | Pass |
| | | | 13 | 20.50 | 0.20 | 18.35 | <=34.77 | Pass |
| | | | 25 | 20.44 | 0.20 | 18.29 | <=34.77 | Pass |
| | | 50 | 0 | 20.37 | 0.20 | 18.22 | <=34.77 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

# 2. Frequency Stability

## 2.1 B17_5MHz

### 2.1.1 Test Result

| 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 | -7.424 | -0.0105 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -10.171 | -0.0144 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -7.281 | -0.0103 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -6.666 | -0.0094 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -5.922 | -0.0084 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -6.237 | -0.0088 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -7.195 | -0.0102 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -3.247 | -0.0046 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -7.825 | -0.0111 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -4.163 | -0.0059 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -5.121 | -0.0072 | -2.5 to 2.5 | Pass |
| | 710 | 25 | 0 | 20 | 3.27 | -2.761 | -0.0039 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -10.772 | -0.0152 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -5.879 | -0.0083 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -7.982 | -0.0112 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -7.553 | -0.0106 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -8.225 | -0.0116 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -8.526 | -0.0120 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -8.755 | -0.0123 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -6.394 | -0.0090 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -9.055 | -0.0128 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -3.376 | -0.0048 | -2.5 to 2.5 | Pass |
| | 713.5 | 25 | 0 | 20 | 3.27 | -0.329 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -10.271 | -0.0144 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -9.899 | -0.0139 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -6.495 | -0.0091 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -4.220 | -0.0059 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -7.997 | -0.0112 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -4.563 | -0.0064 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -8.368 | -0.0117 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -7.582 | -0.0106 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 0.730 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -3.405 | -0.0048 | -2.5 to 2.5 | Pass |
| 16QAM | 706.5 | 25 | 0 | 20 | 3.27 | -8.469 | -0.0120 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -7.911 | -0.0112 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -6.552 | -0.0093 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -8.826 | -0.0125 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -5.822 | -0.0082 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -5.751 | -0.0081 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -7.925 | -0.0112 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -7.010 | -0.0099 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -8.240 | -0.0117 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -4.778 | -0.0068 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -4.749 | -0.0067 | -2.5 to 2.5 | Pass |
| | 710 | 25 | 0 | 20 | 3.27 | -5.422 | -0.0076 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -4.148 | -0.0058 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -6.995 | -0.0099 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -5.379 | -0.0076 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -4.549 | -0.0064 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -7.911 | -0.0111 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -10.371 | -0.0146 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -2.775 | -0.0039 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -4.120 | -0.0058 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -2.389 | -0.0034 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -3.190 | -0.0045 | -2.5 to 2.5 | Pass |
| | 713.5 | 25 | 0 | 20 | 3.27 | -6.938 | -0.0097 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -2.675 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -5.622 | -0.0079 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -7.424 | -0.0104 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -20 | 3.85 | -8.569 | -0.0120 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -7.553 | -0.0106 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -2.561 | -0.0036 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -5.364 | -0.0075 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -4.935 | -0.0069 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -2.761 | -0.0039 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -4.120 | -0.0058 | -2.5 to 2.5 | Pass |

## 2.2 B17_10MHz

### 2.2.1 Test Result

| 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 | -6.709 | -0.0095 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -5.951 | -0.0084 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -4.964 | -0.0070 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -5.879 | -0.0083 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -6.595 | -0.0093 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -6.766 | -0.0095 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -8.540 | -0.0120 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -6.595 | -0.0093 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -8.783 | -0.0124 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -5.980 | -0.0084 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -6.237 | -0.0088 | -2.5 to 2.5 | Pass |
| | 710 | 50 | 0 | 20 | 3.27 | -4.563 | -0.0064 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -9.871 | -0.0139 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -7.167 | -0.0101 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -6.223 | -0.0088 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -6.537 | -0.0092 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -8.683 | -0.0122 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -6.409 | -0.0090 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -6.437 | -0.0091 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -6.208 | -0.0087 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -7.567 | -0.0107 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -6.995 | -0.0099 | -2.5 to 2.5 | Pass |
| | 711 | 50 | 0 | 20 | 3.27 | -4.792 | -0.0067 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -8.912 | -0.0125 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -5.493 | -0.0077 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -4.706 | -0.0066 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -6.151 | -0.0087 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -6.337 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -6.180 | -0.0087 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -6.666 | -0.0094 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -4.678 | -0.0066 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -3.905 | -0.0055 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -3.719 | -0.0052 | -2.5 to 2.5 | Pass |
| 16QAM | 709 | 50 | 0 | 20 | 3.27 | -7.267 | -0.0102 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -5.207 | -0.0073 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -2.689 | -0.0038 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -6.037 | -0.0085 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -6.380 | -0.0090 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -5.550 | -0.0078 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -4.864 | -0.0069 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -6.280 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -7.768 | -0.0110 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 40 | 3.85 | -6.680 | -0.0094 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -6.423 | -0.0091 | -2.5 to 2.5 | Pass |
| | 710 | 50 | 0 | 20 | 3.27 | -7.696 | -0.0108 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -6.909 | -0.0097 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -6.452 | -0.0091 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -4.892 | -0.0069 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -6.409 | -0.0090 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -6.337 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -6.351 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -2.689 | -0.0038 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -2.689 | -0.0038 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -6.723 | -0.0095 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.129 | 0.0002 | -2.5 to 2.5 | Pass |
| | 711 | 50 | 0 | 20 | 3.27 | -5.894 | -0.0083 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -3.920 | -0.0055 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -3.462 | -0.0049 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -5.050 | -0.0071 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -6.809 | -0.0096 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -6.294 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -3.748 | -0.0053 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -6.366 | -0.0090 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -5.994 | -0.0084 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -5.908 | -0.0083 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -7.095 | -0.0100 | -2.5 to 2.5 | Pass |

# 3. Modulation Characteristics

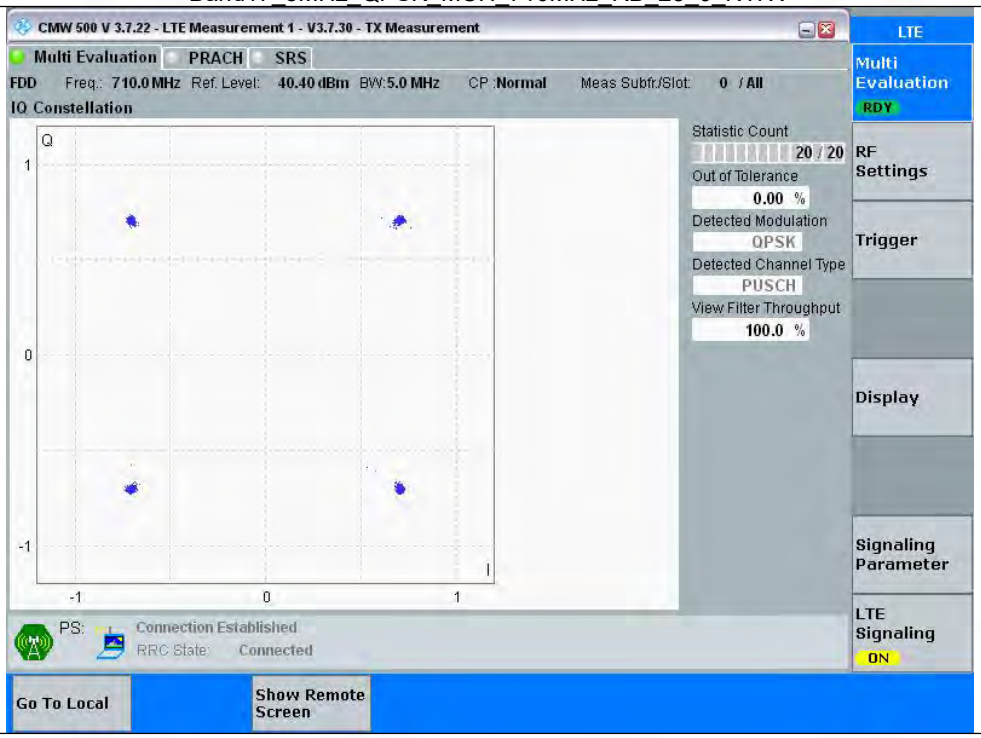
## 3.1 B17_5MHz

### 3.1.1 Test Result

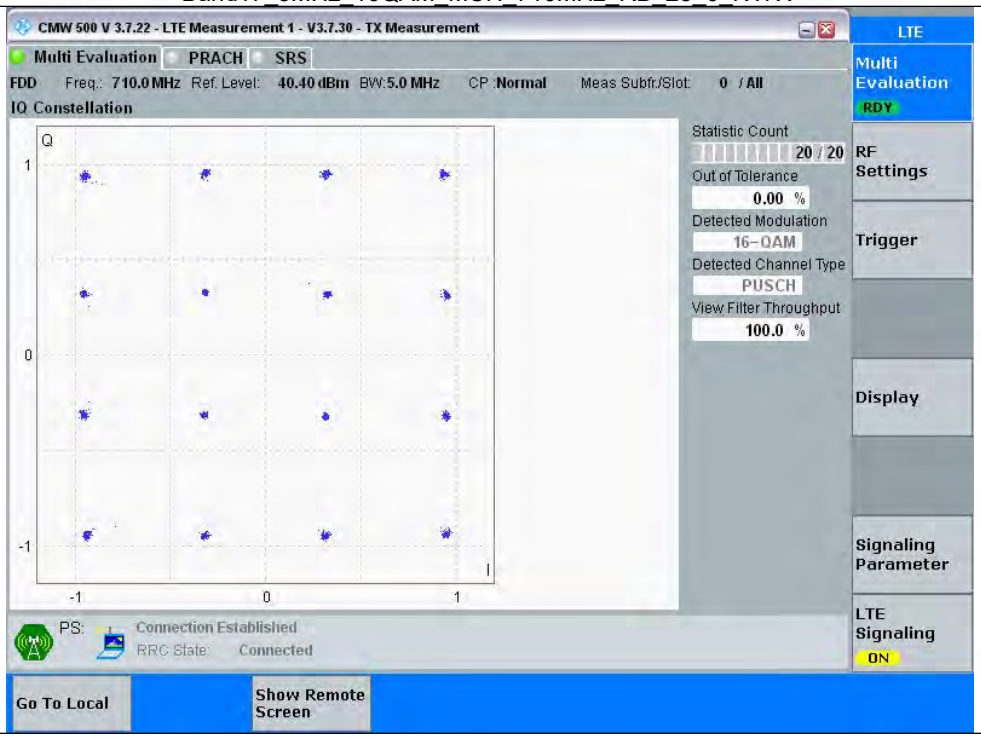
| Band: 17 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 710 | 25 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 710 | 25 | 0 | Refer To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

### 3.1.2 Test Graph

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV




Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



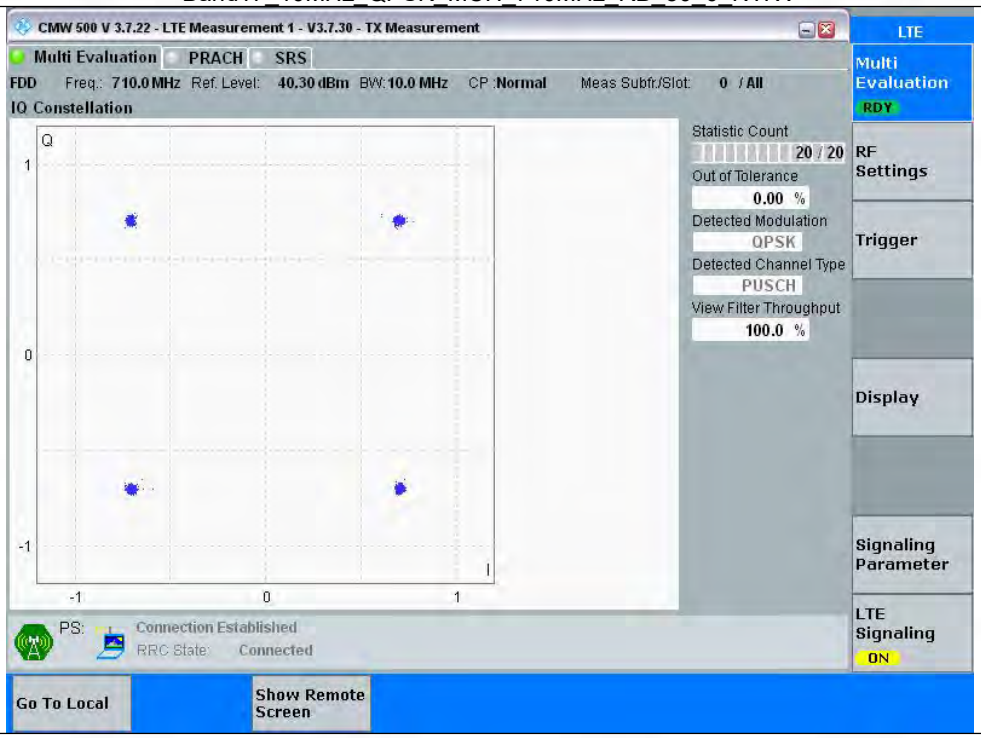
## 3.2 B17_10MHz

### 3.2.1 Test Result

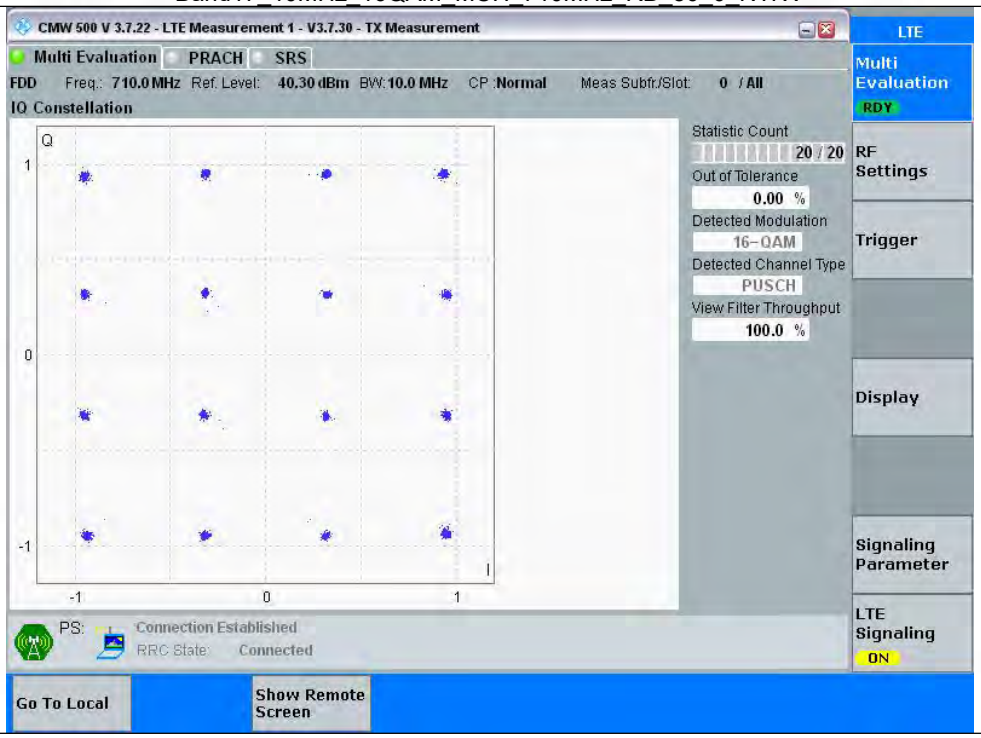
| Band: 17 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 710 | 50 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 710 | 50 | 0 | Refer To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

### 3.2.2 Test Graph

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV




Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



# 4. 99% & 26dB Bandwidth

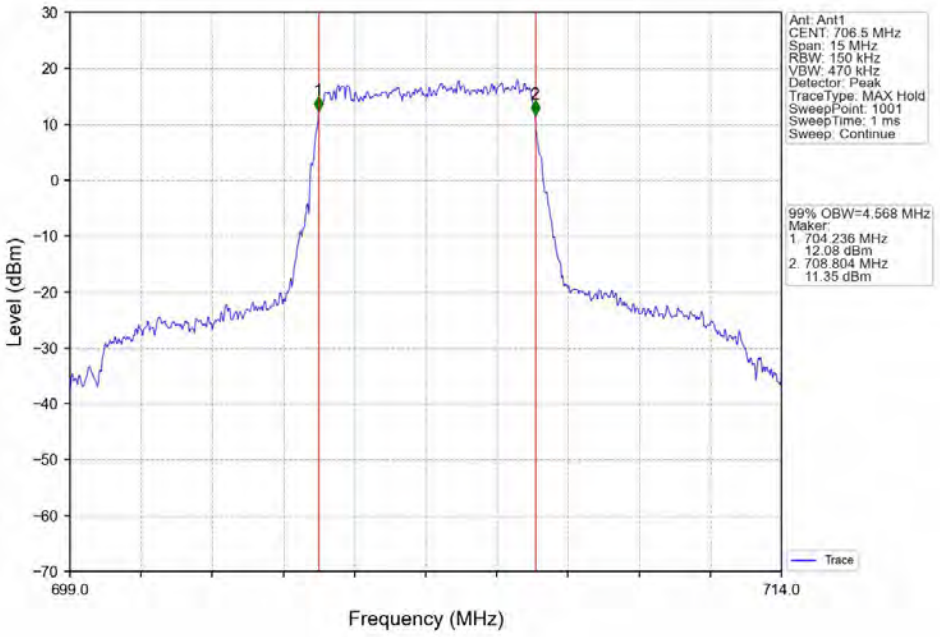
## 4.1 Band17_OBW

### 4.1.1 Test Result

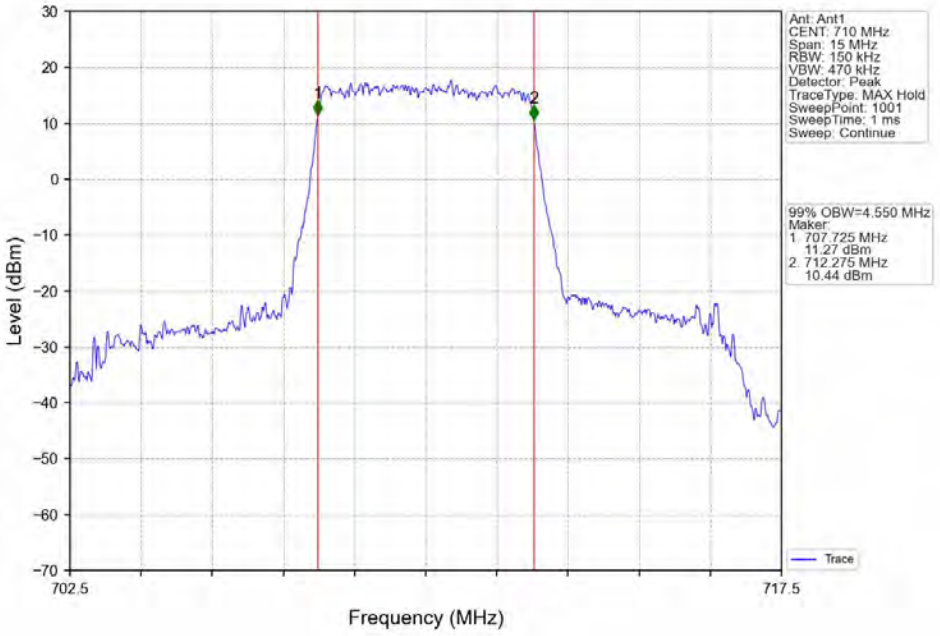
| Band: 17 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 5 | QPSK | 706.5 | 25 | 0 | 4.568 | / | Pass |
| | | 710 | 25 | 0 | 4.550 | / | Pass |
| | | 713.5 | 25 | 0 | 4.608 | / | Pass |
| | 16QAM | 706.5 | 25 | 0 | 4.584 | / | Pass |
| | | 710 | 25 | 0 | 4.573 | / | Pass |
| | | 713.5 | 25 | 0 | 4.598 | / | Pass |
| 10 | QPSK | 709 | 50 | 0 | 9.046 | / | Pass |
| | | 710 | 50 | 0 | 9.027 | / | Pass |
| | | 711 | 50 | 0 | 9.057 | / | Pass |
| | 16QAM | 709 | 50 | 0 | 9.044 | / | Pass |
| | | 710 | 50 | 0 | 9.043 | / | Pass |
| | | 711 | 50 | 0 | 9.081 | / | Pass |

### 4.1.2 Test Graph

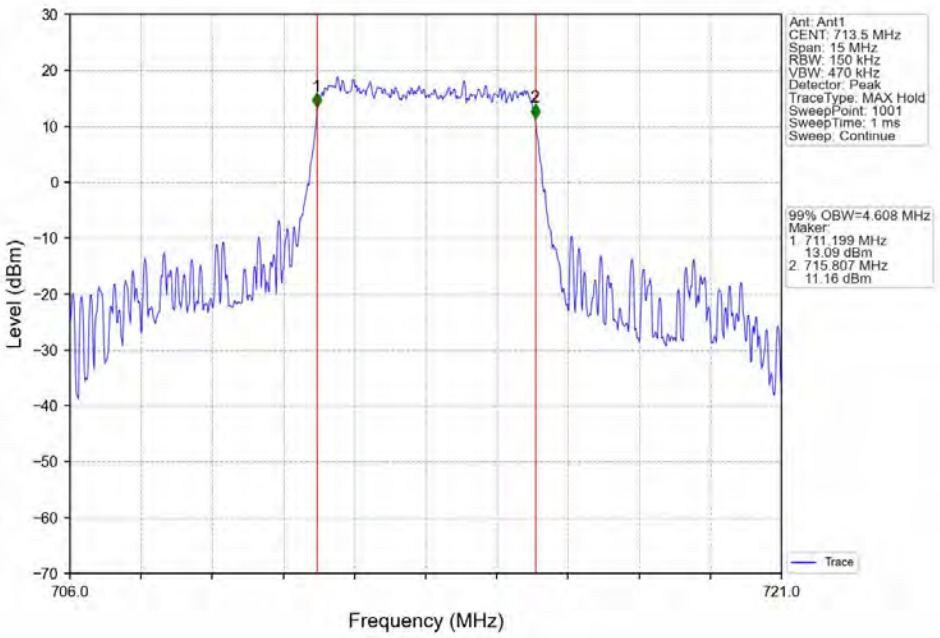
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



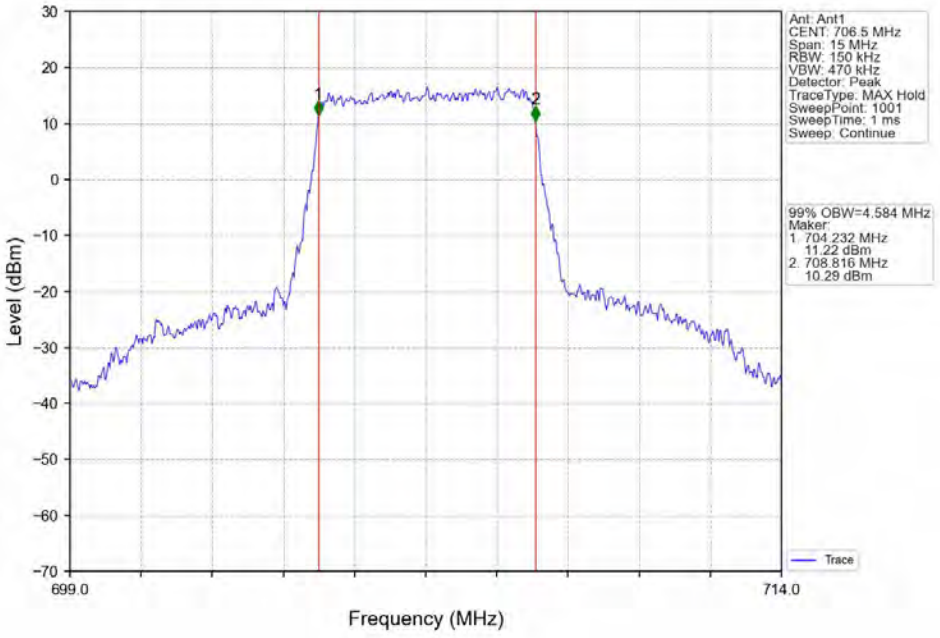

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



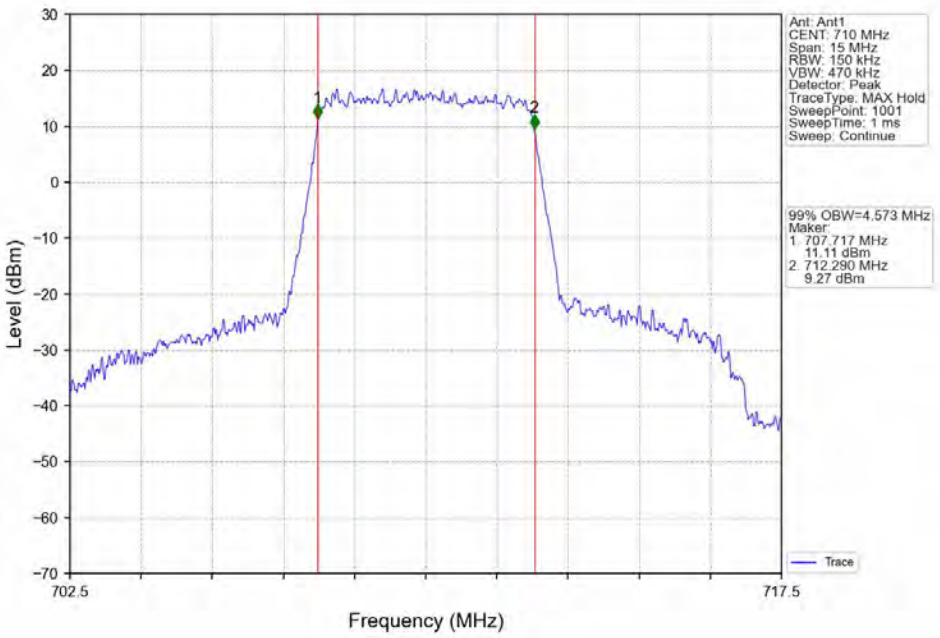
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



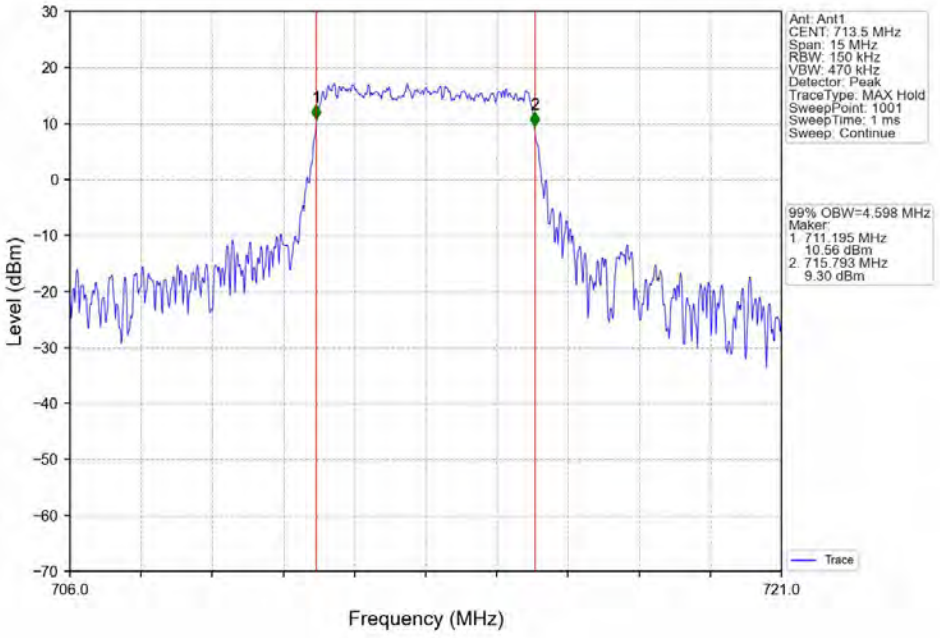

Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



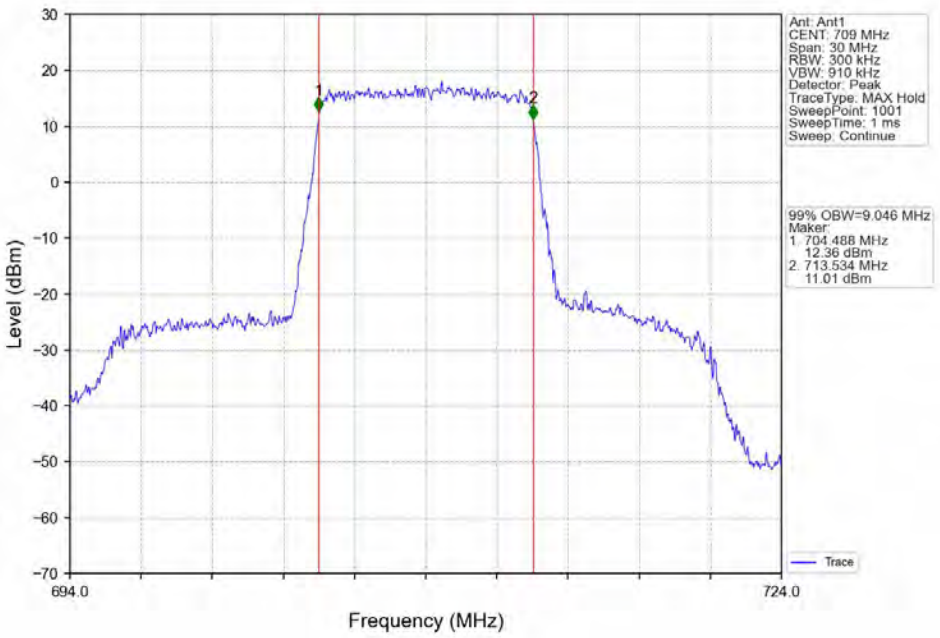
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



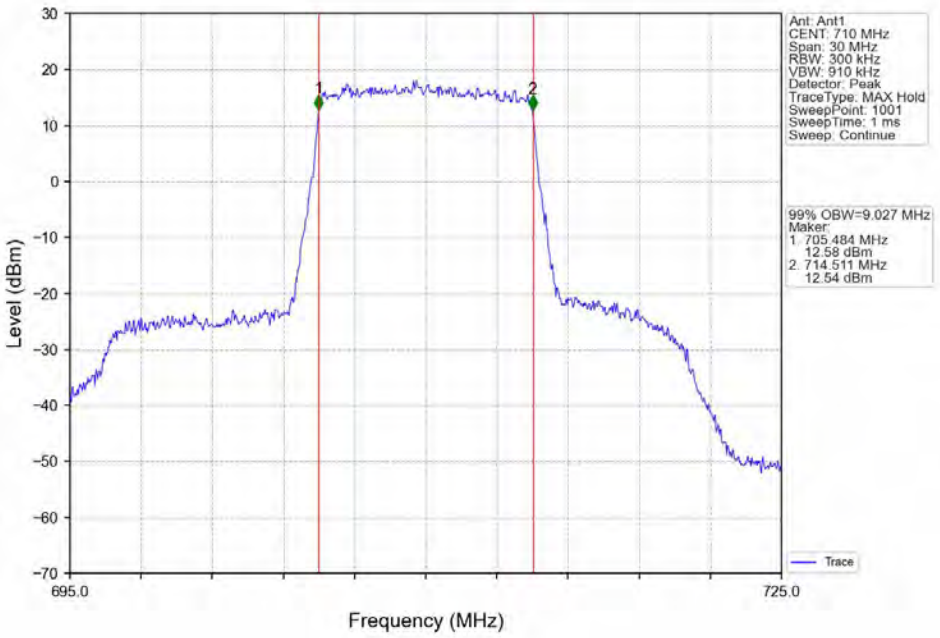

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



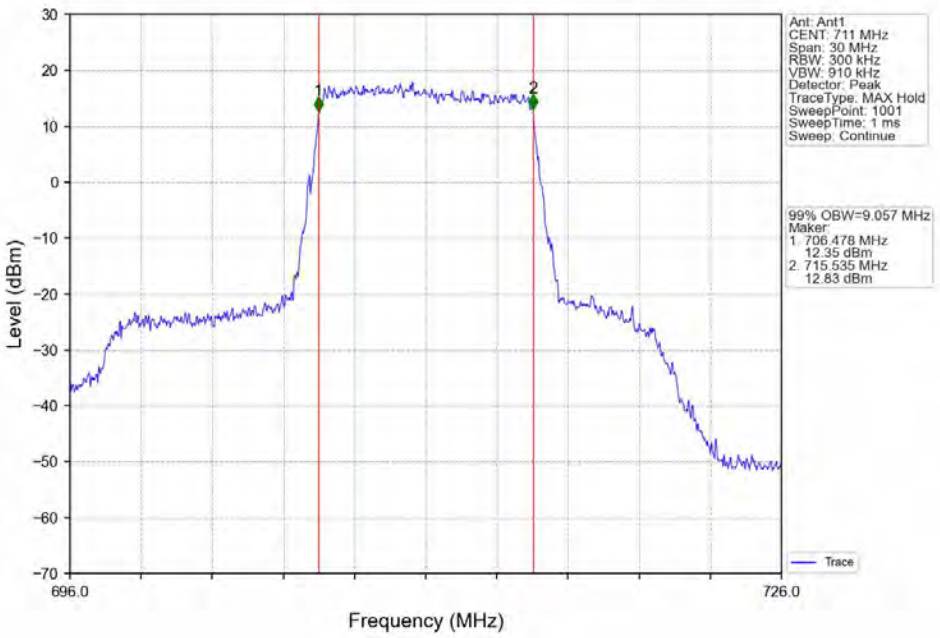
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



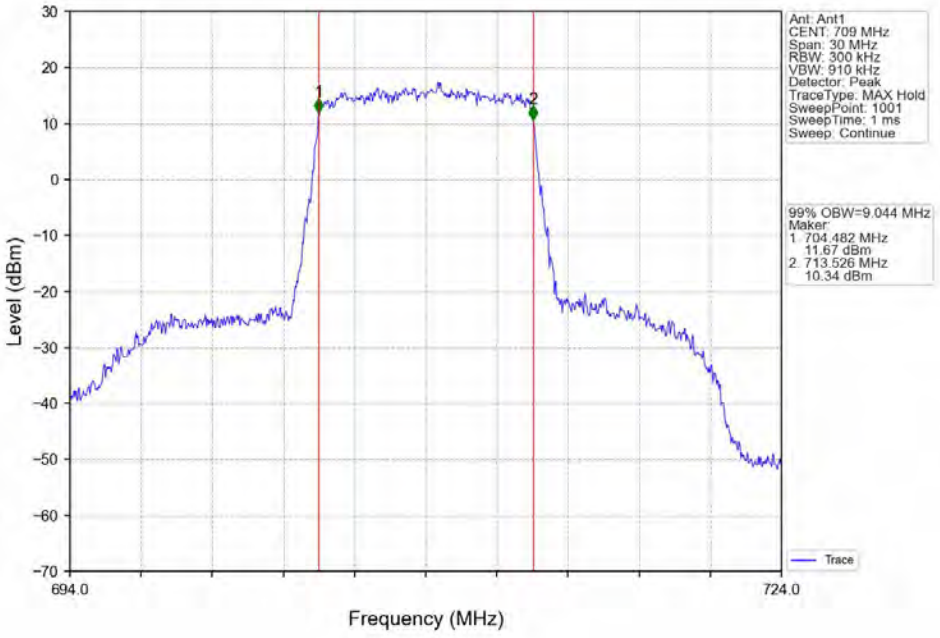

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



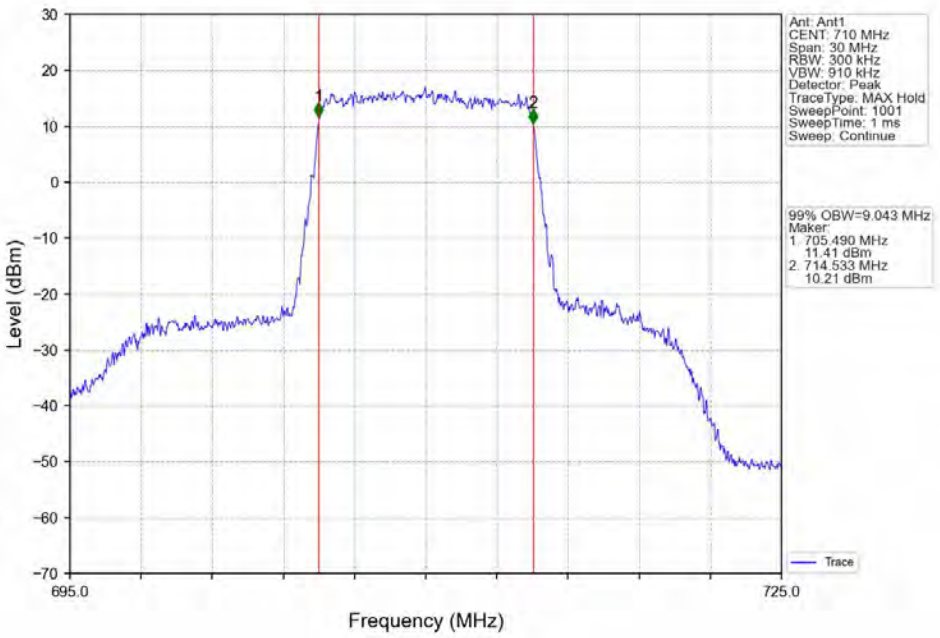
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



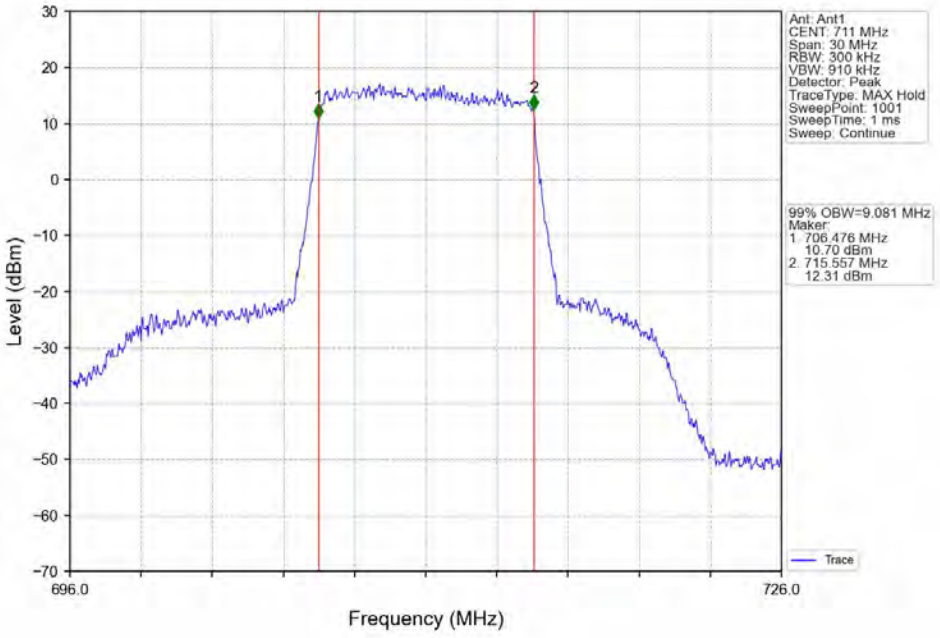

Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV




Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



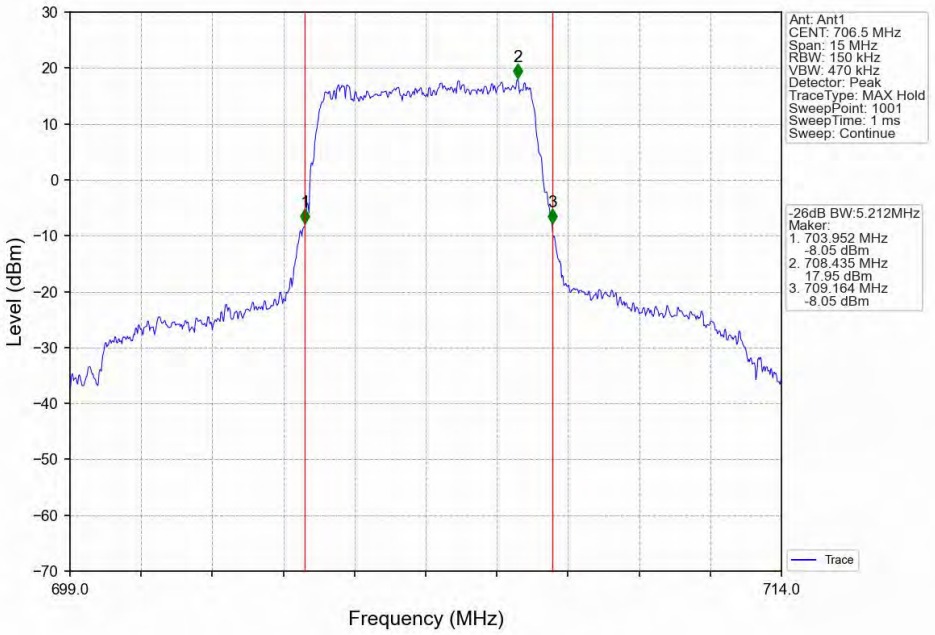
## 4.2 Band17_XDB

### 4.2.1 Test Result

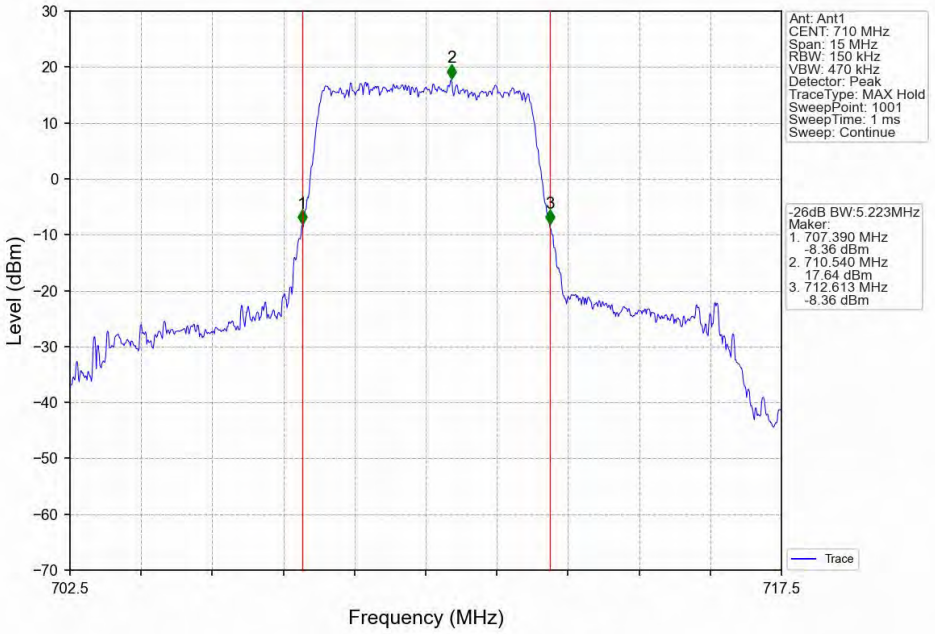
| Band: 17 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 5 | QPSK | 706.5 | 25 | 0 | 5.212 | / | Pass |
| | | 710 | 25 | 0 | 5.223 | / | Pass |
| | | 713.5 | 25 | 0 | 5.688 | / | Pass |
| | 16QAM | 706.5 | 25 | 0 | 5.281 | / | Pass |
| | | 710 | 25 | 0 | 5.265 | / | Pass |
| | | 713.5 | 25 | 0 | 5.710 | / | Pass |
| 10 | QPSK | 709 | 50 | 0 | 10.287 | / | Pass |
| | | 710 | 50 | 0 | 10.184 | / | Pass |
| | | 711 | 50 | 0 | 10.191 | / | Pass |
| | 16QAM | 709 | 50 | 0 | 10.259 | / | Pass |
| | | 710 | 50 | 0 | 10.228 | / | Pass |
| | | 711 | 50 | 0 | 10.181 | / | Pass |

## 4.2.2 Test Graph

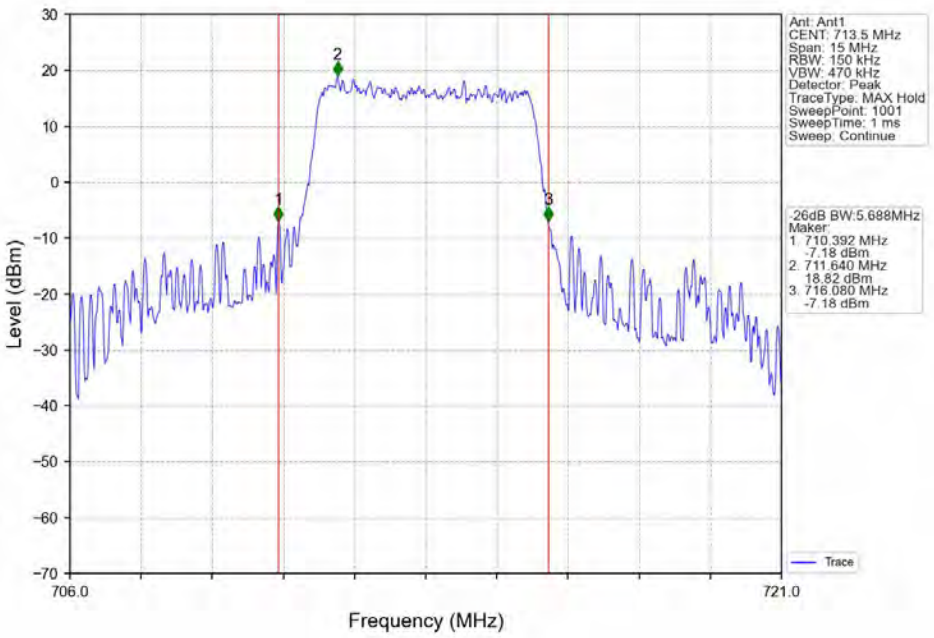
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



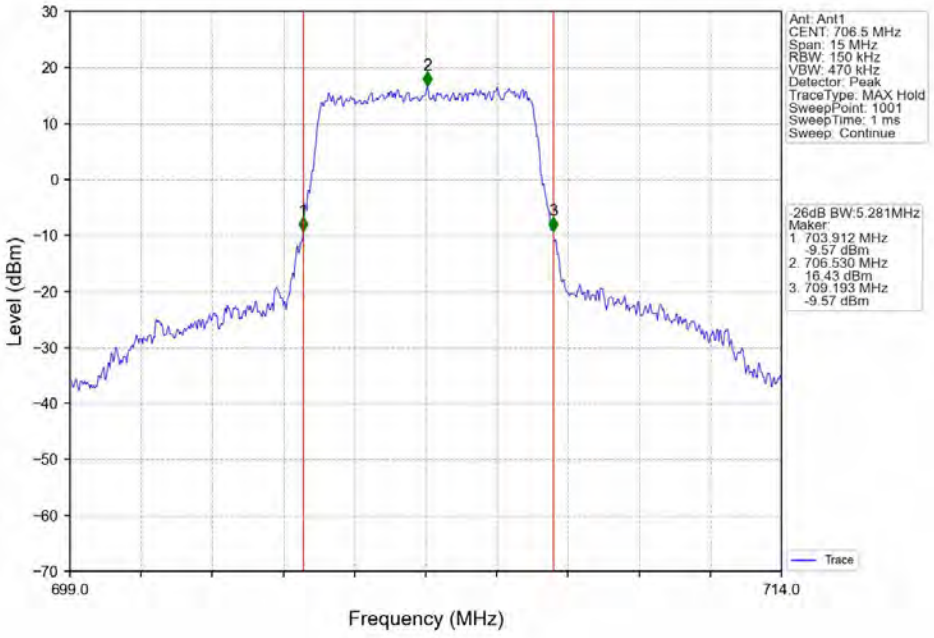

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



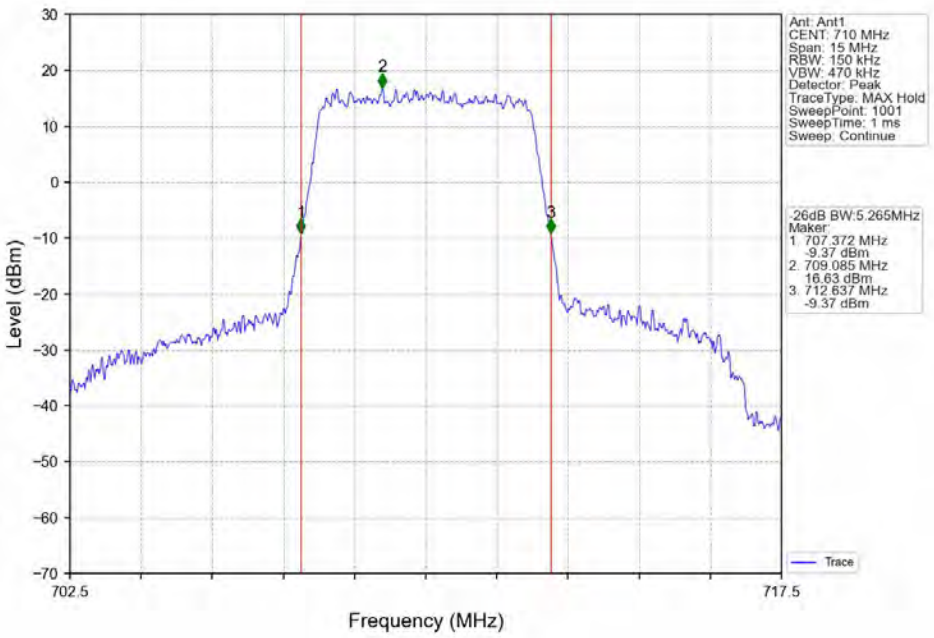
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



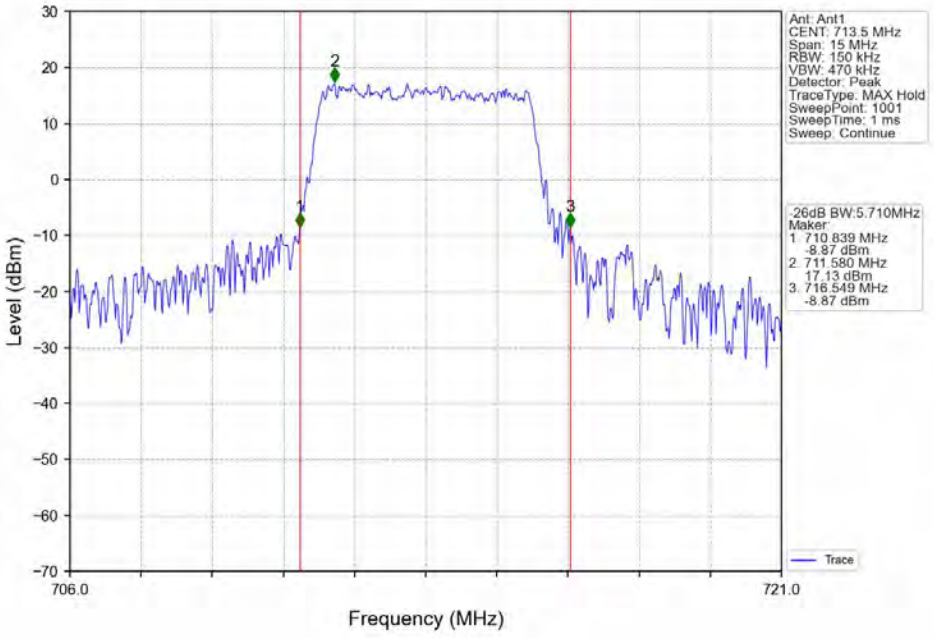

Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



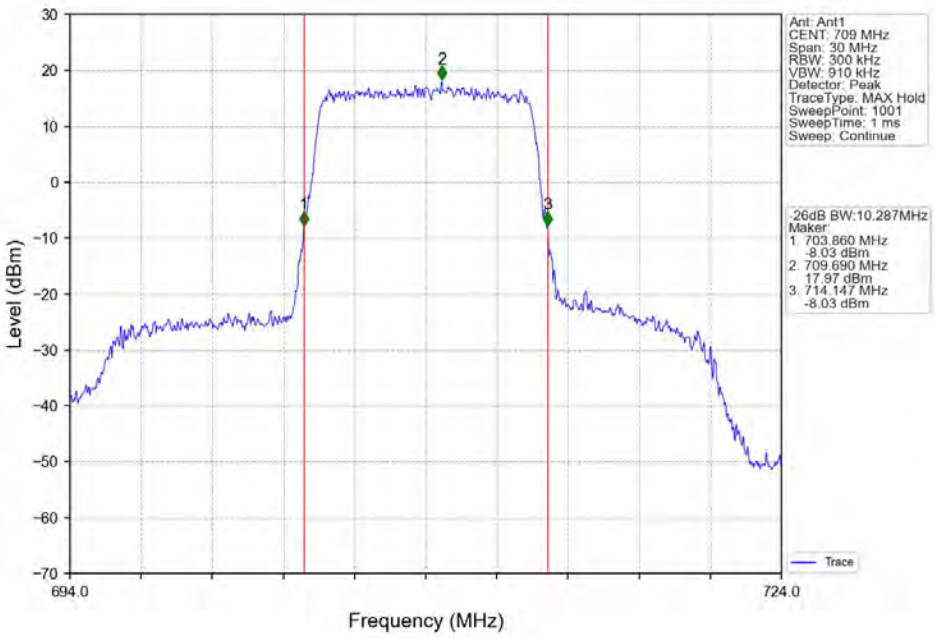
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



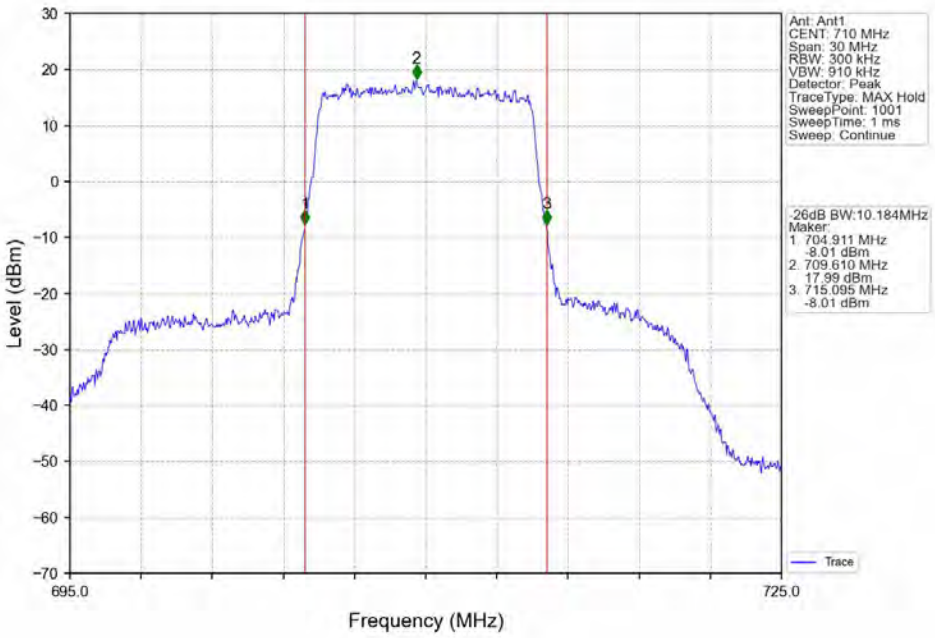

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



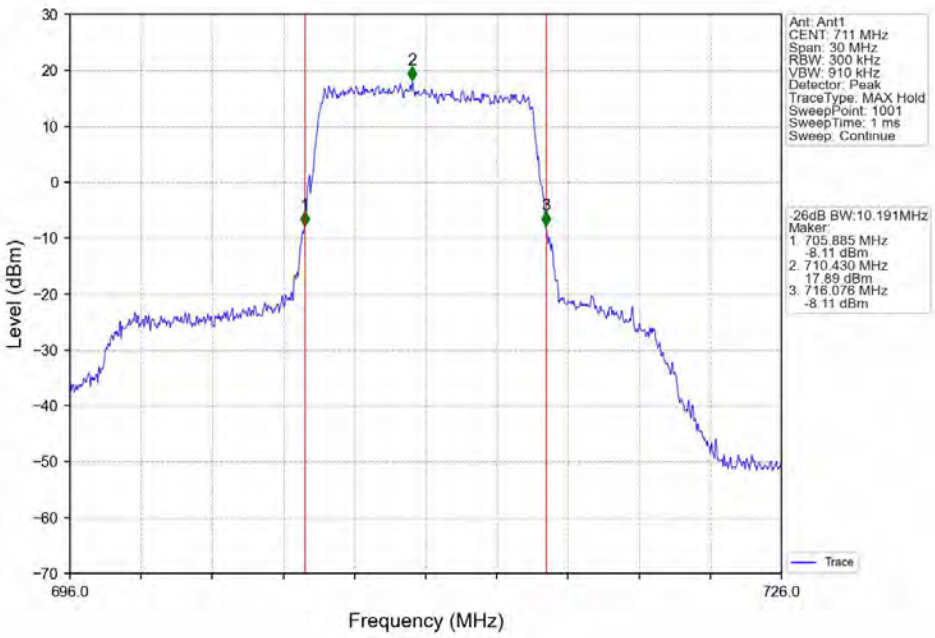
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



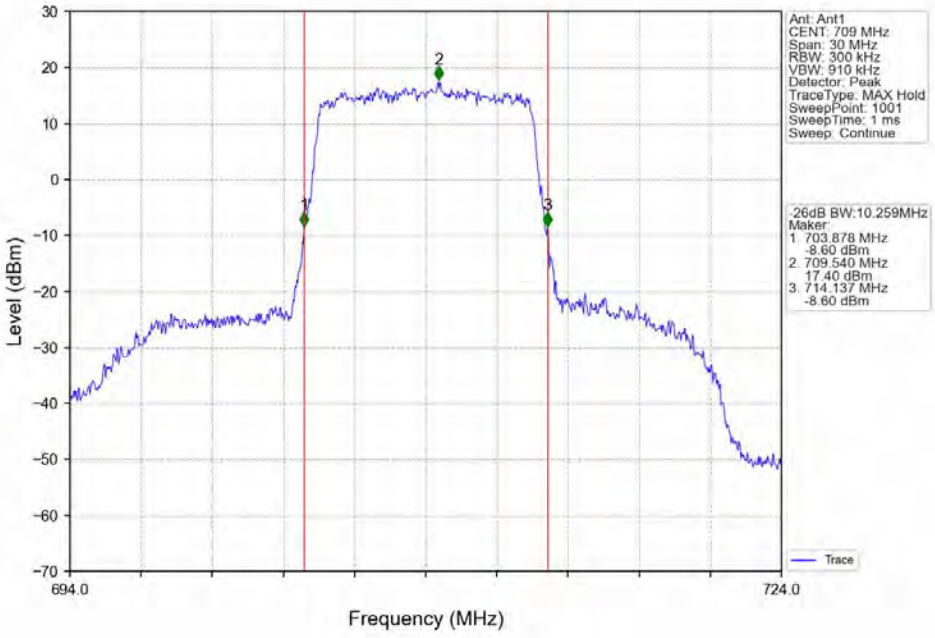

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



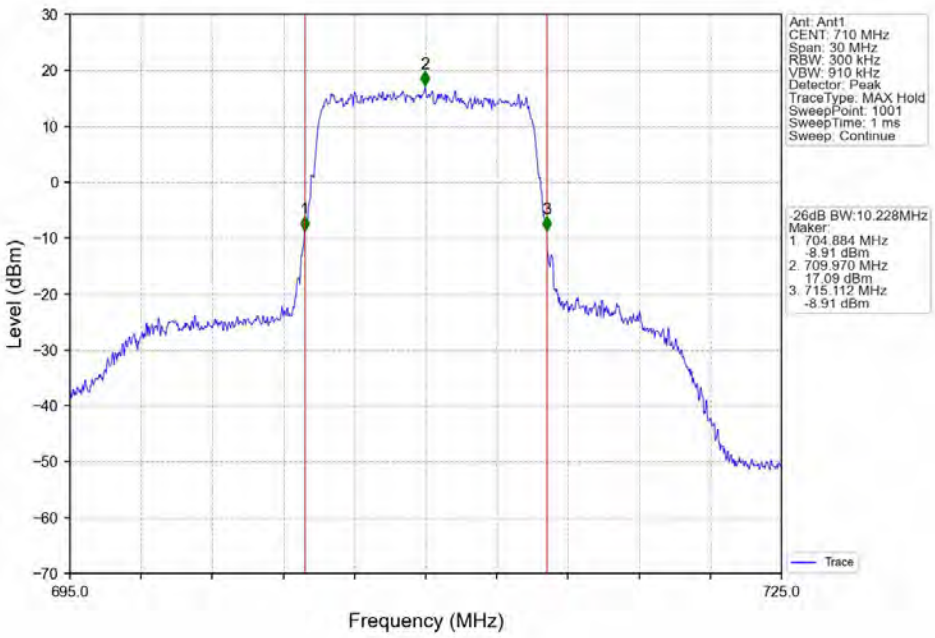
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



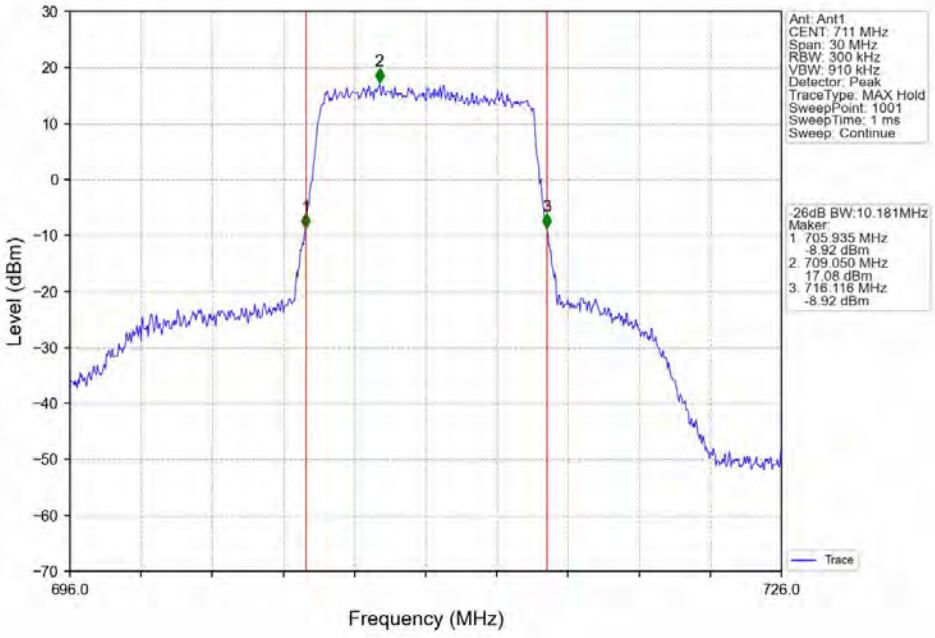

Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV




Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



# 5. Peak-Average Ratio

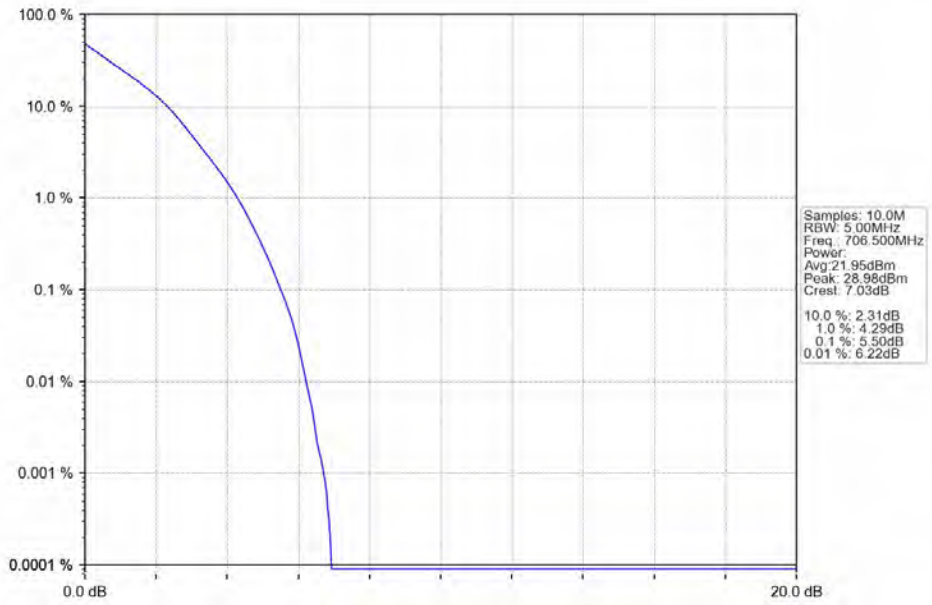
## 5.1 B17_5MHz

### 5.1.1 Test Result

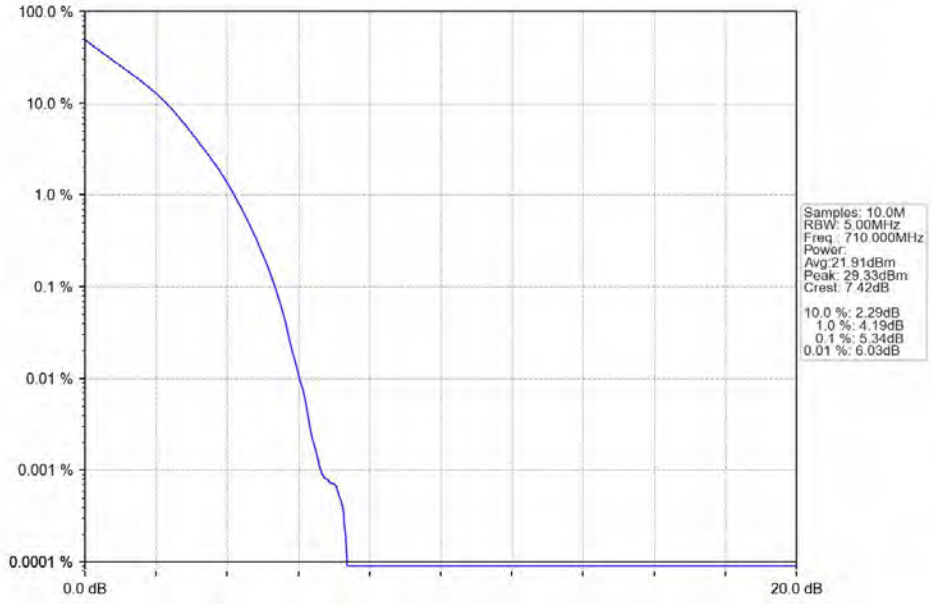
| Band: 17 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 706.5 | 25 | 0 | 5.50 | <=13 | Pass |
| | 710 | 25 | 0 | 5.34 | <=13 | Pass |
| | 713.5 | 25 | 0 | 5.52 | <=13 | Pass |
| 16QAM | 706.5 | 25 | 0 | 6.16 | <=13 | Pass |
| | 710 | 25 | 0 | 6.01 | <=13 | Pass |
| | 713.5 | 25 | 0 | 6.12 | <=13 | Pass |

## 5.1.2 Test Graph

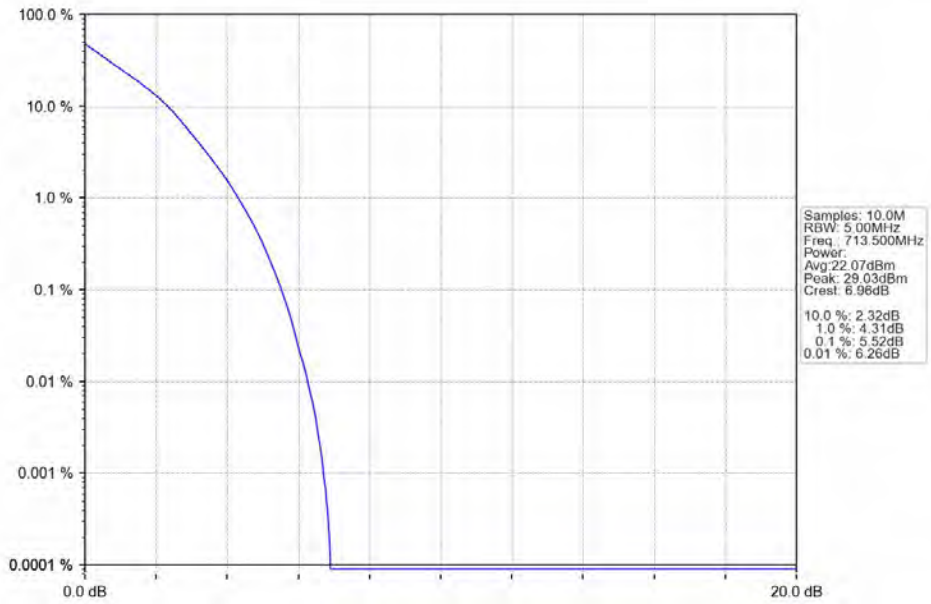
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



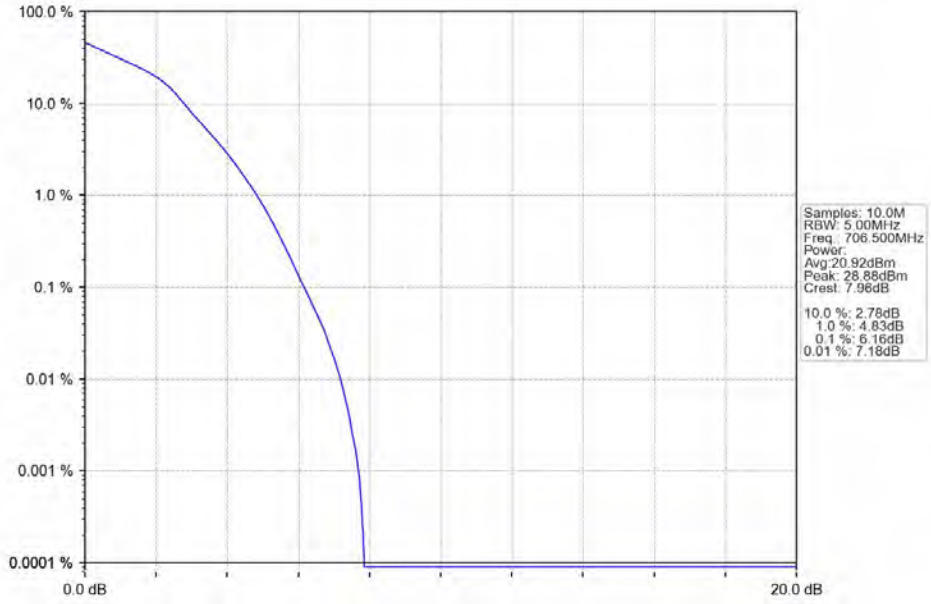

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



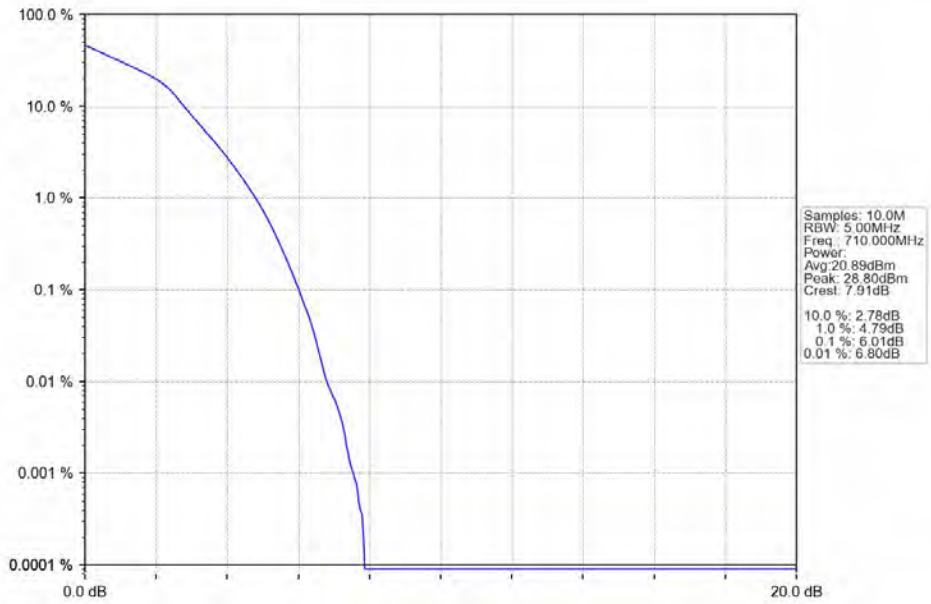
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



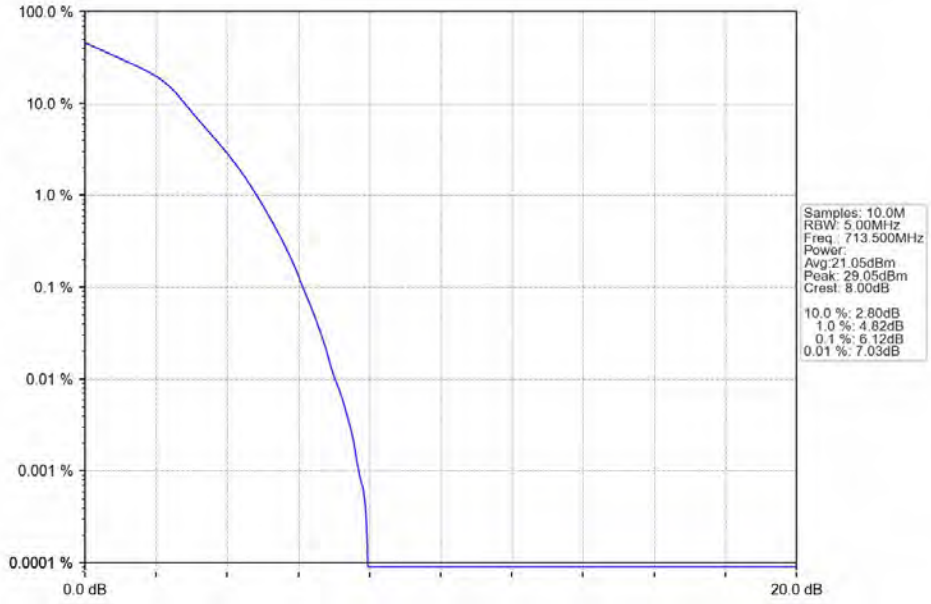

Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV




Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



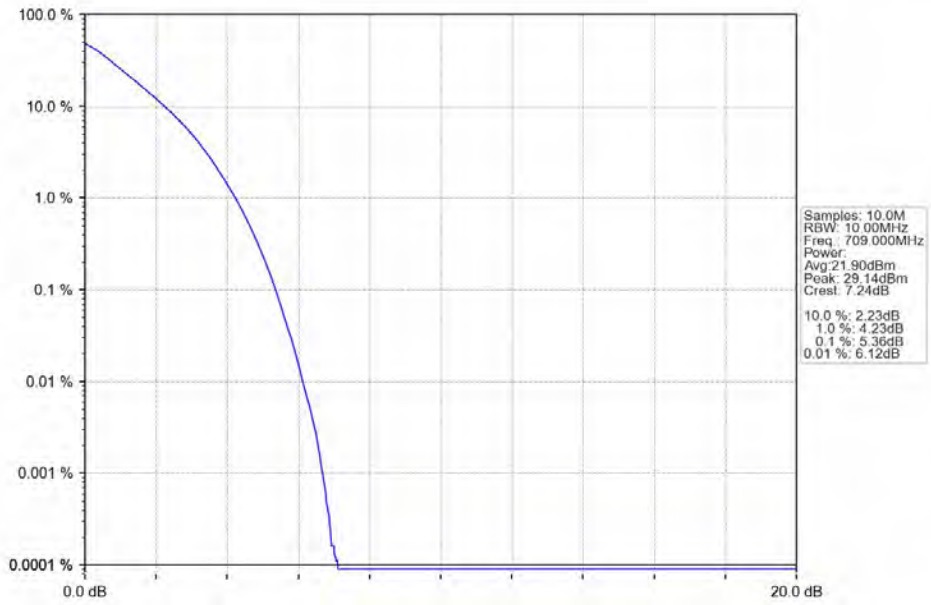
## 5.2 B17_10MHz

### 5.2.1 Test Result

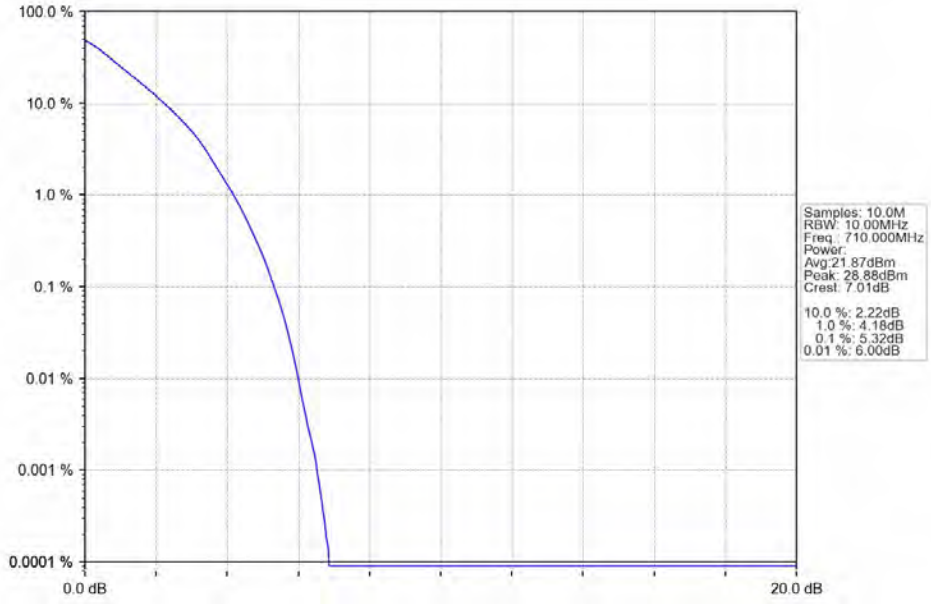
| Band: 17 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 709 | 50 | 0 | 5.36 | <=13 | Pass |
| | 710 | 50 | 0 | 5.32 | <=13 | Pass |
| | 711 | 50 | 0 | 5.31 | <=13 | Pass |
| 16QAM | 709 | 50 | 0 | 6.10 | <=13 | Pass |
| | 710 | 50 | 0 | 6.08 | <=13 | Pass |
| | 711 | 50 | 0 | 6.04 | <=13 | Pass |

## 5.2.2 Test Graph

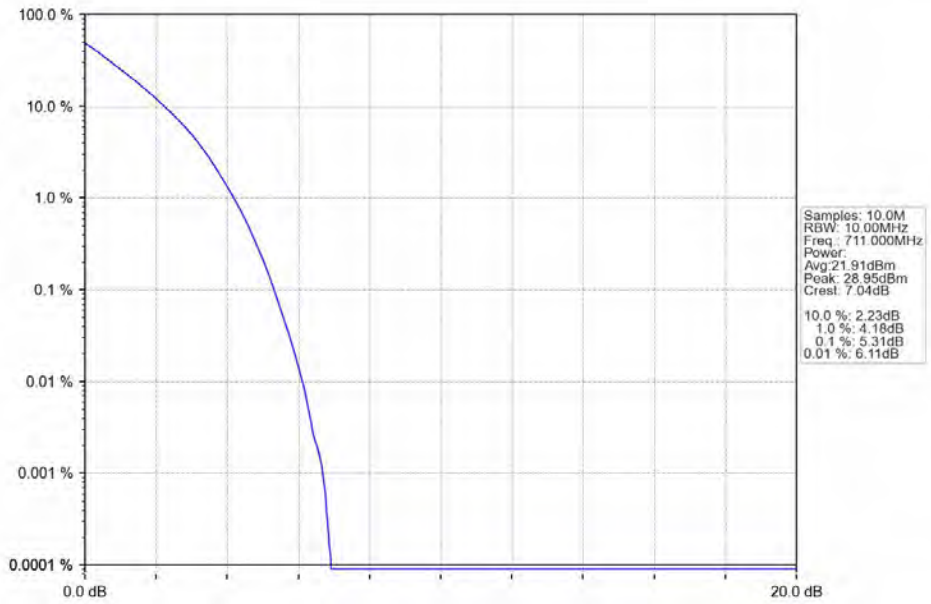
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



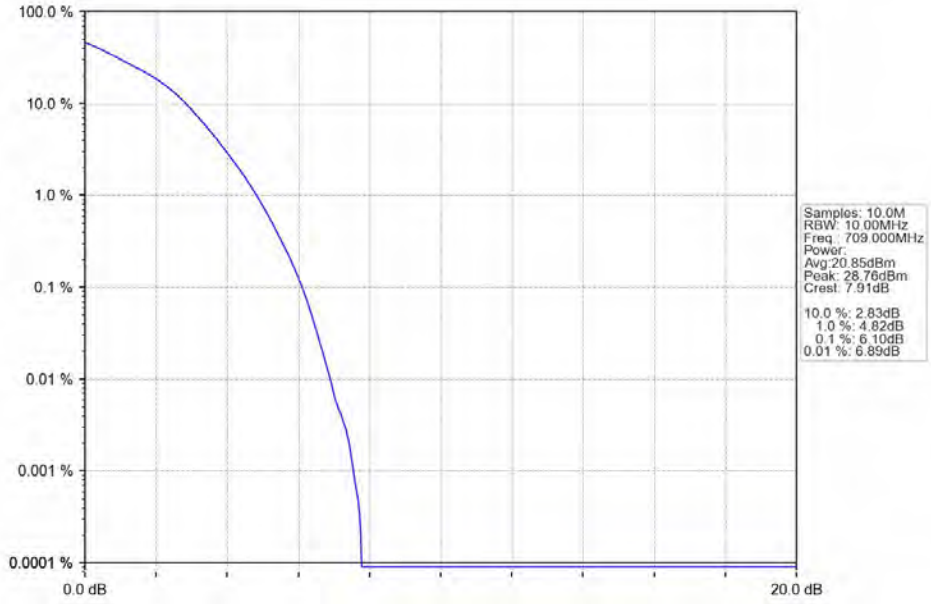

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



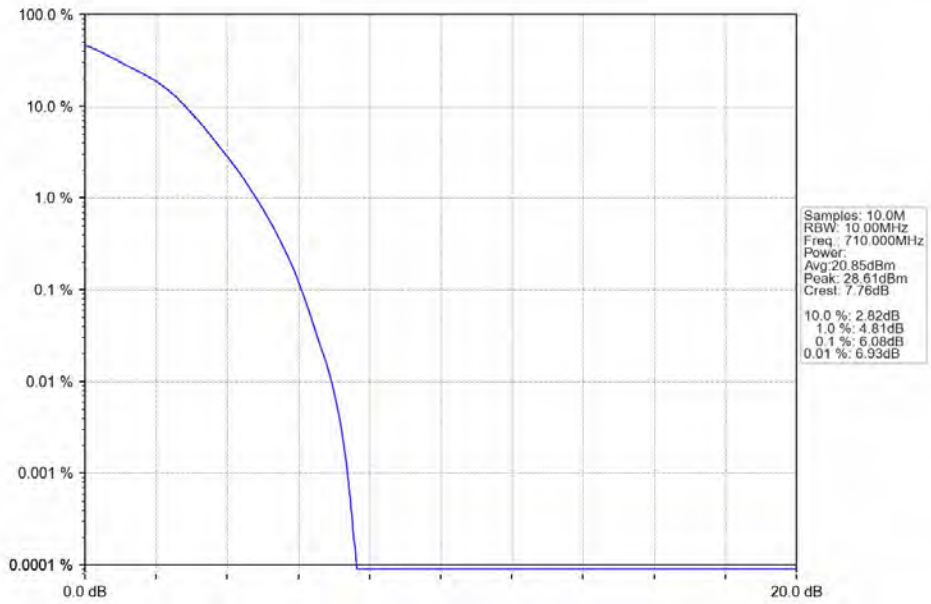
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



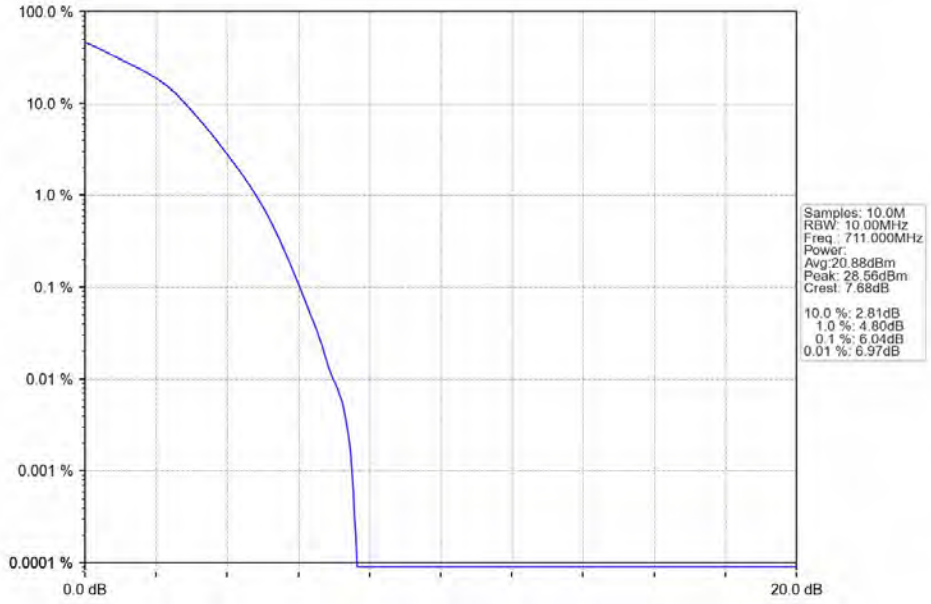

Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV




Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



# 6. Spurious Emission

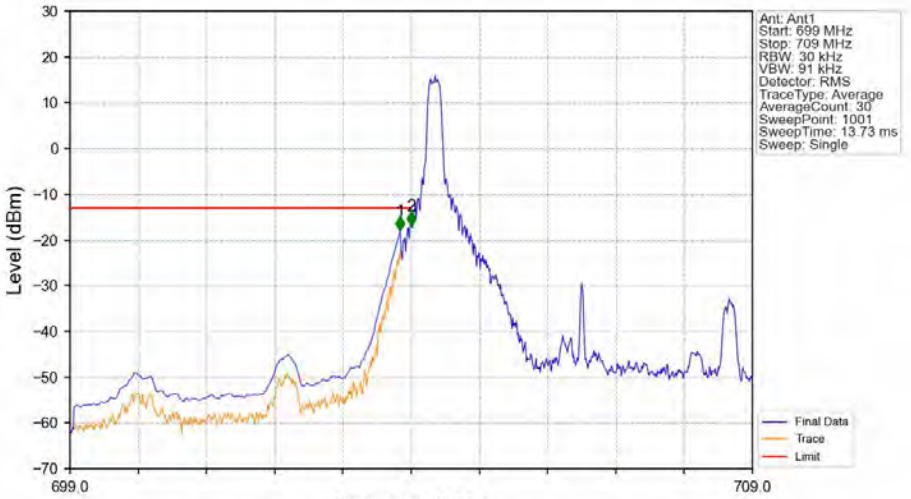
## 6.1 B17_5MHz

### 6.1.1 Test Result

| 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 |

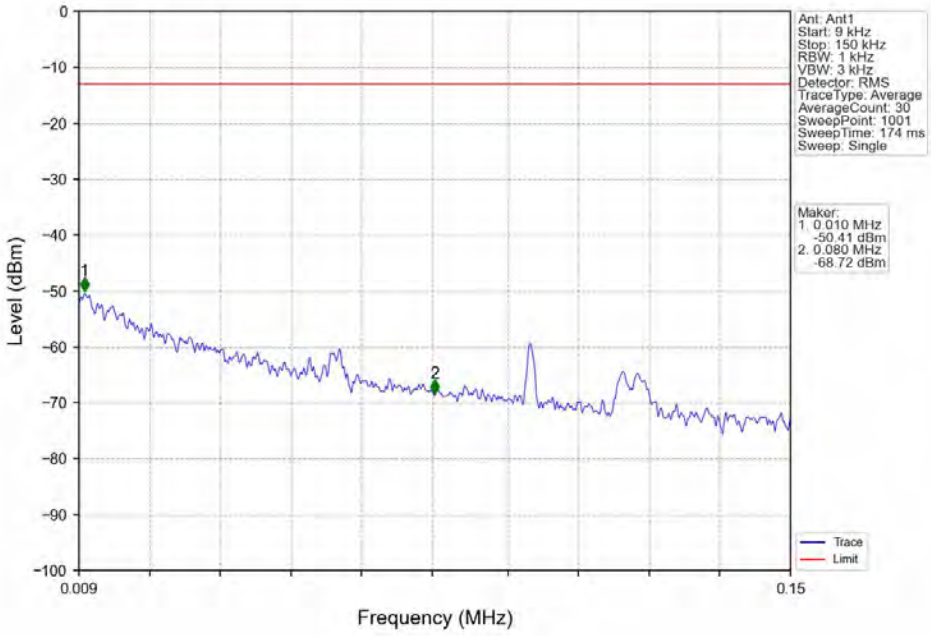
## 6.1.2 Test Graph

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

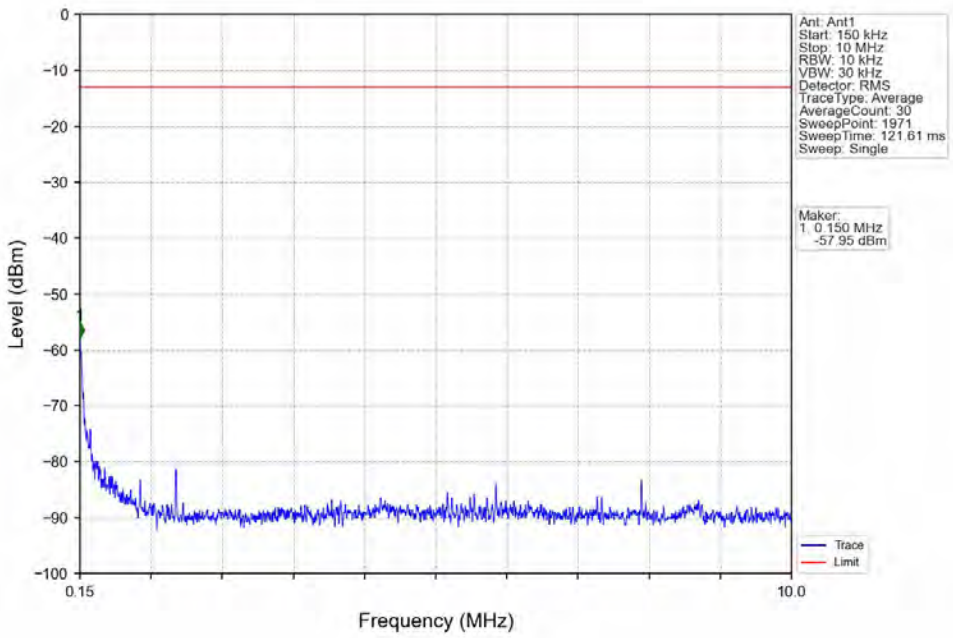



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 699 | 703.9 | 0.1 | CHP | 1 | 703.840 | -17.94 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 704.000 | -16.90 | -13 | Pass |
| 704 | 709 | 0.03 | / | / | / | / | / | / |

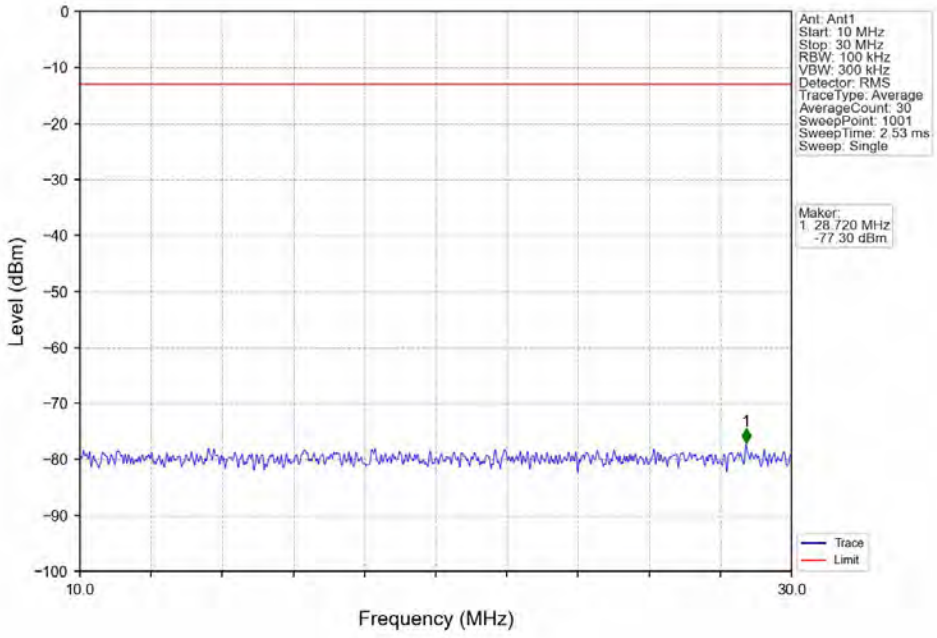
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



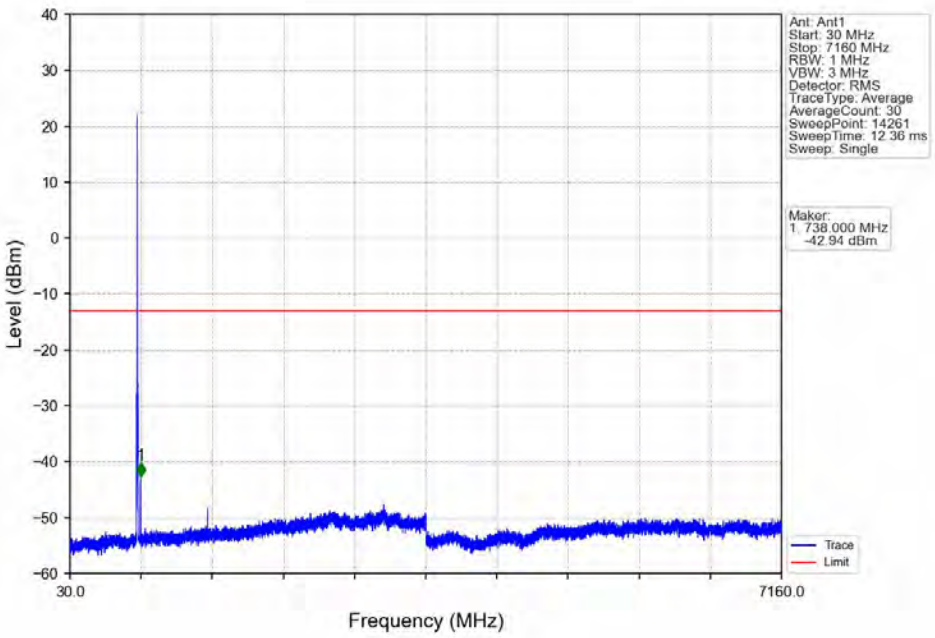
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



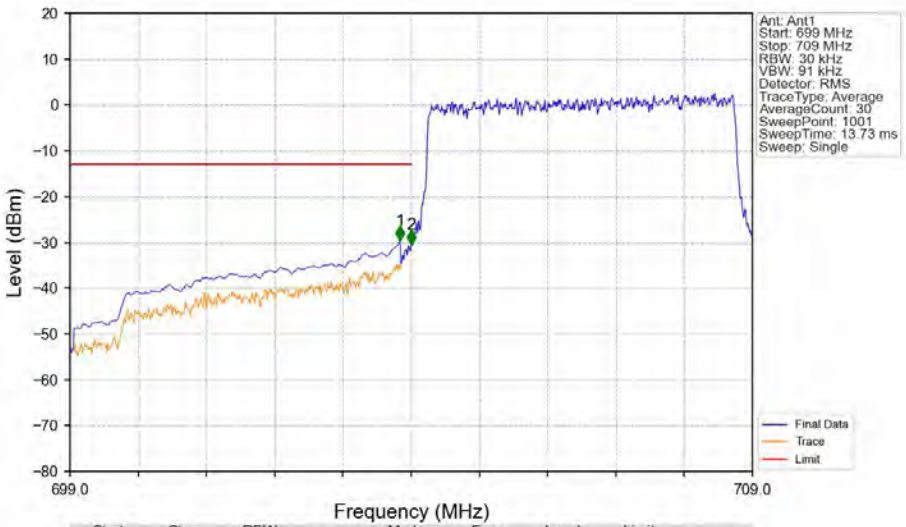

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

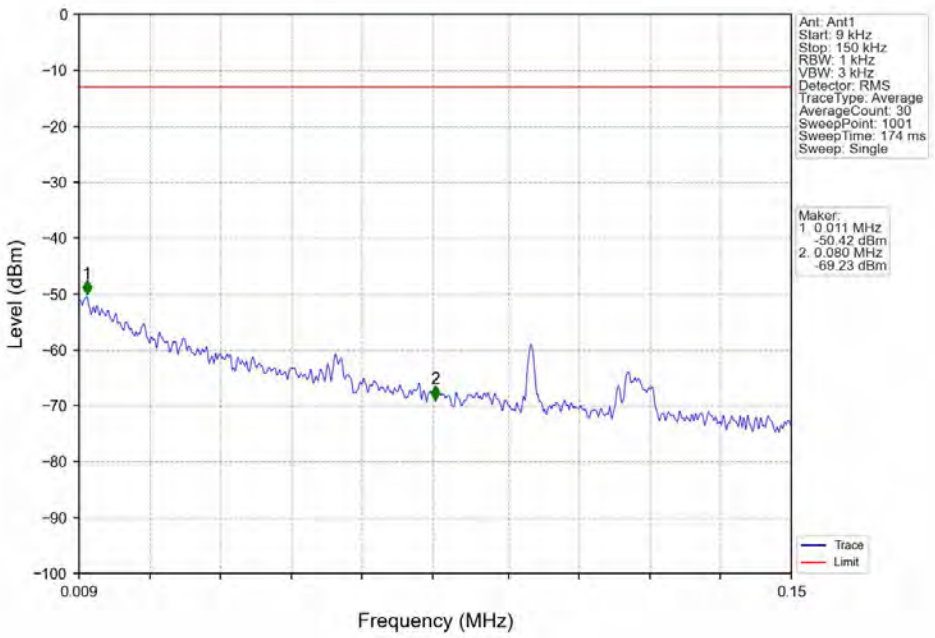



Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

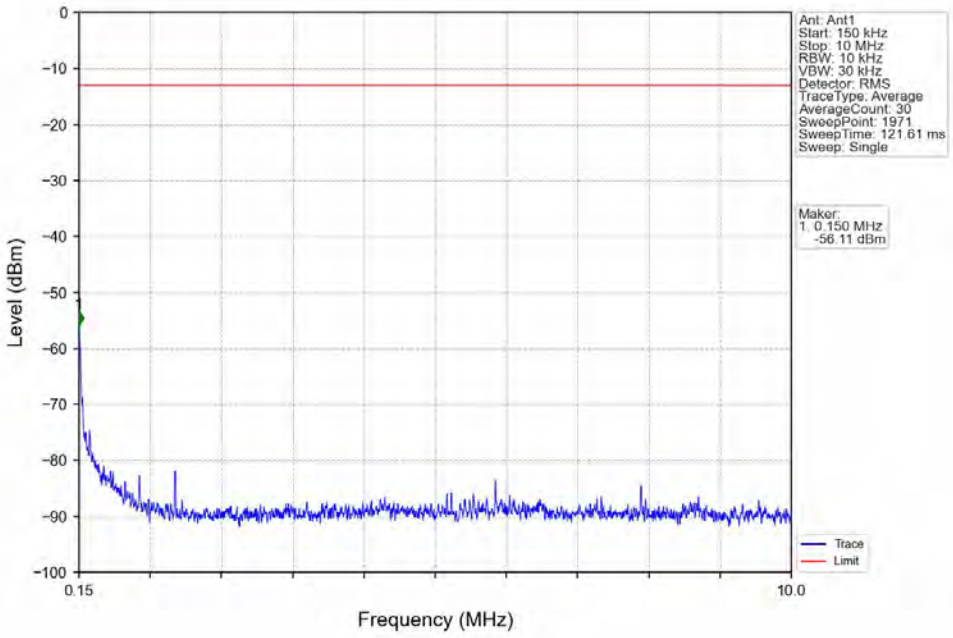



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 699 | 703.9 | 0.1 | CHP | 1 | 703.840 | -29.59 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 704.000 | -30.38 | -13 | Pass |
| 704 | 709 | 0.03 | / | / | / | / | / | / |

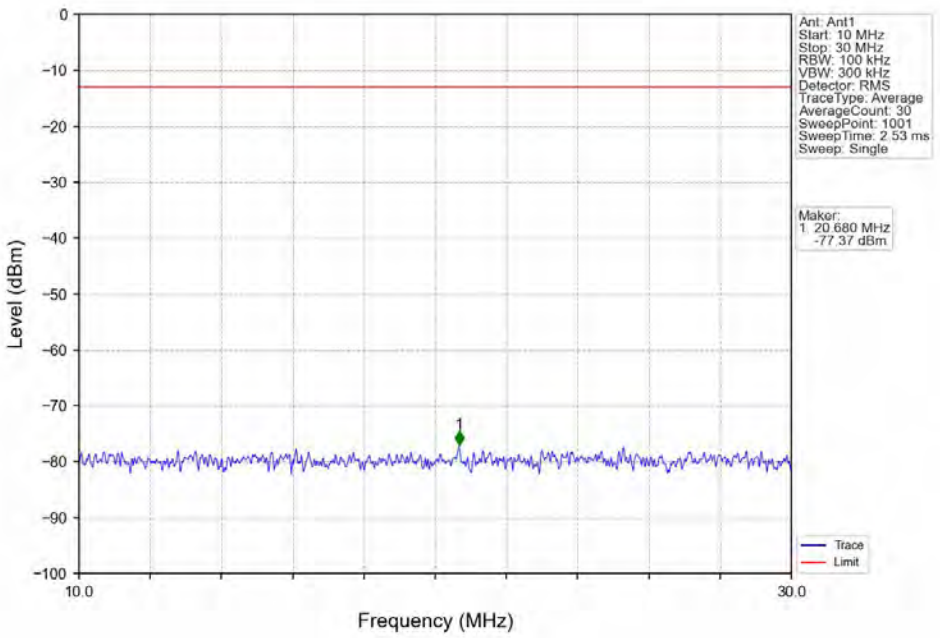
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



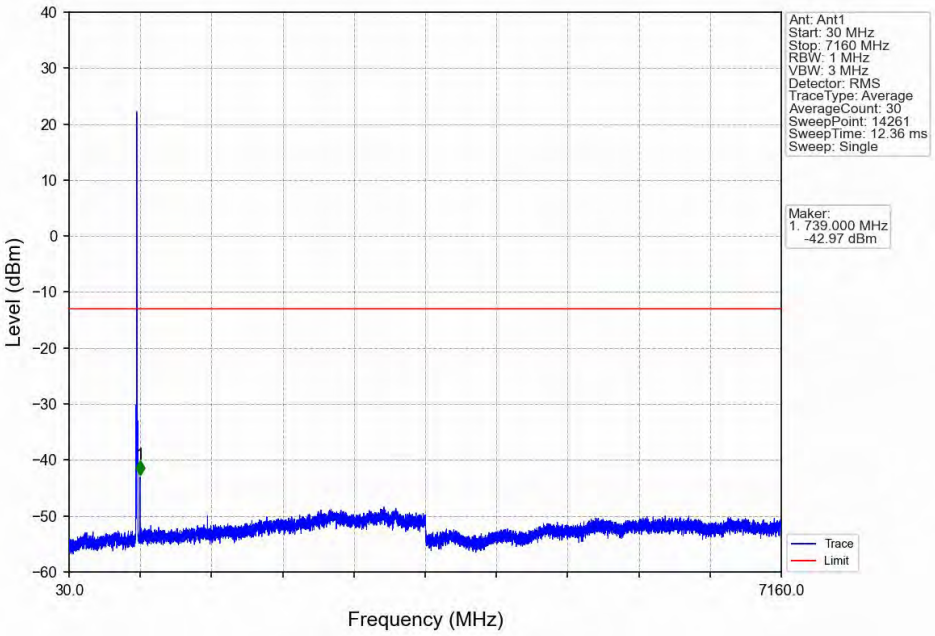

Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



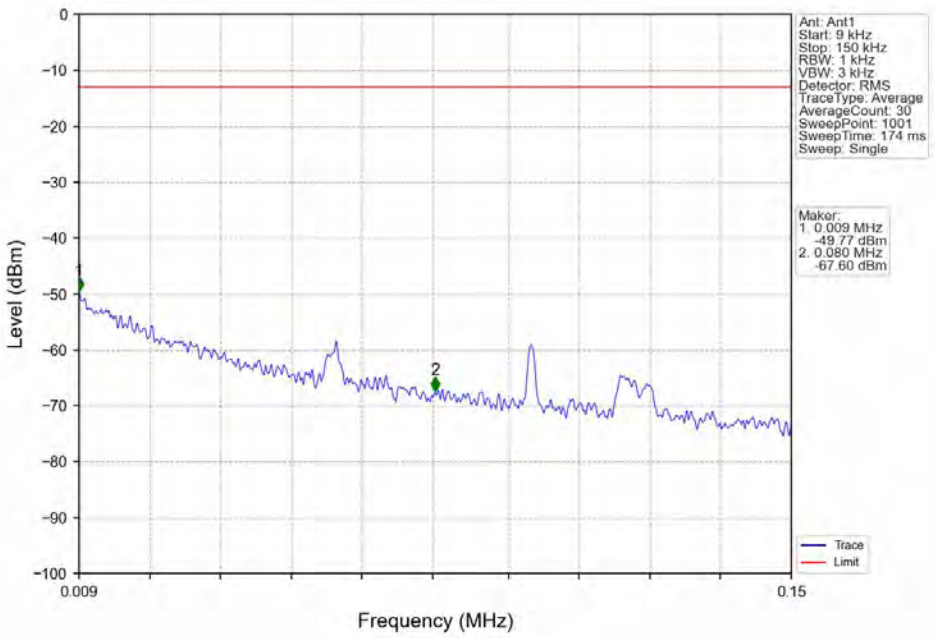
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



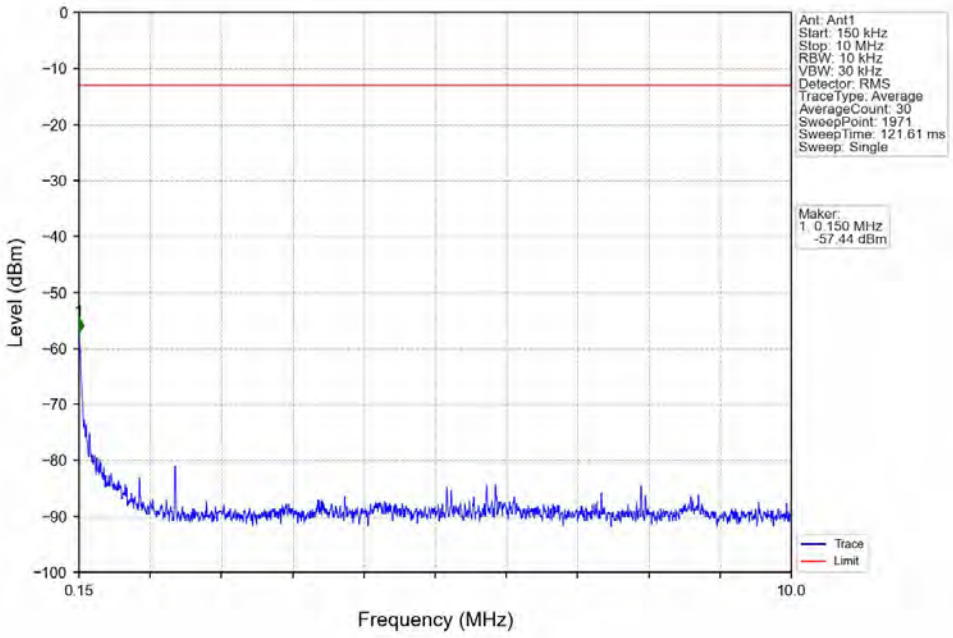

Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



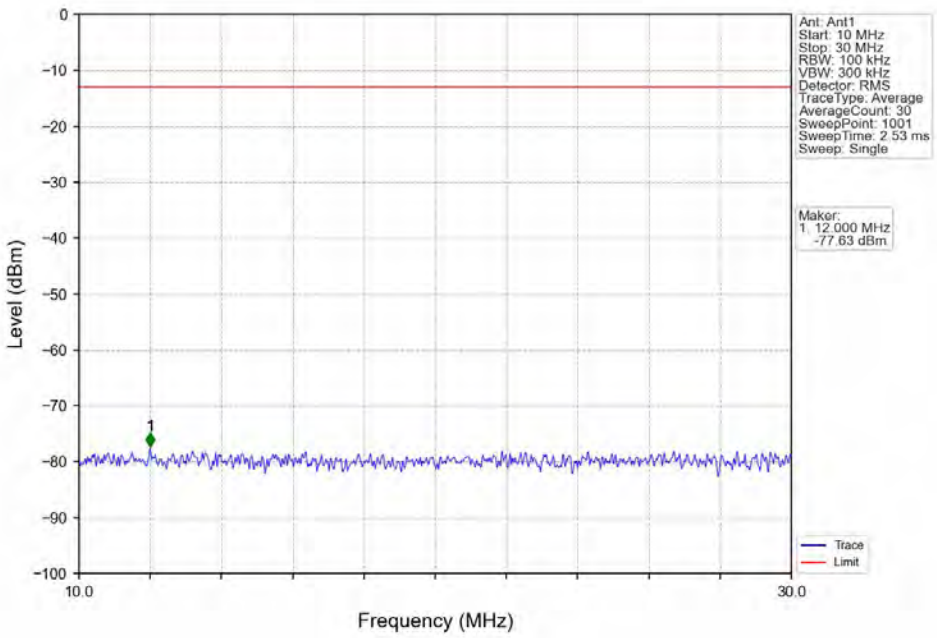
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



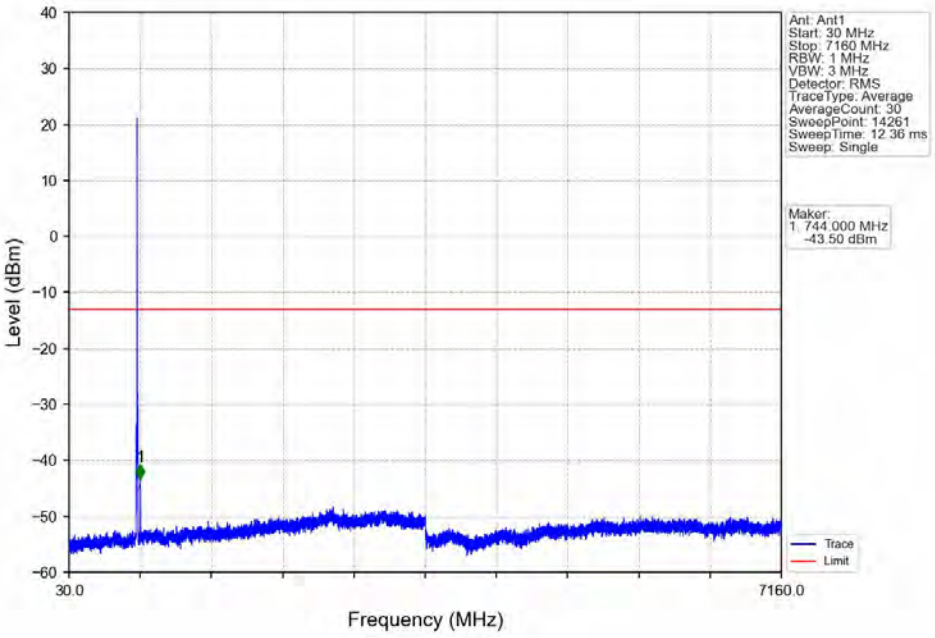

Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



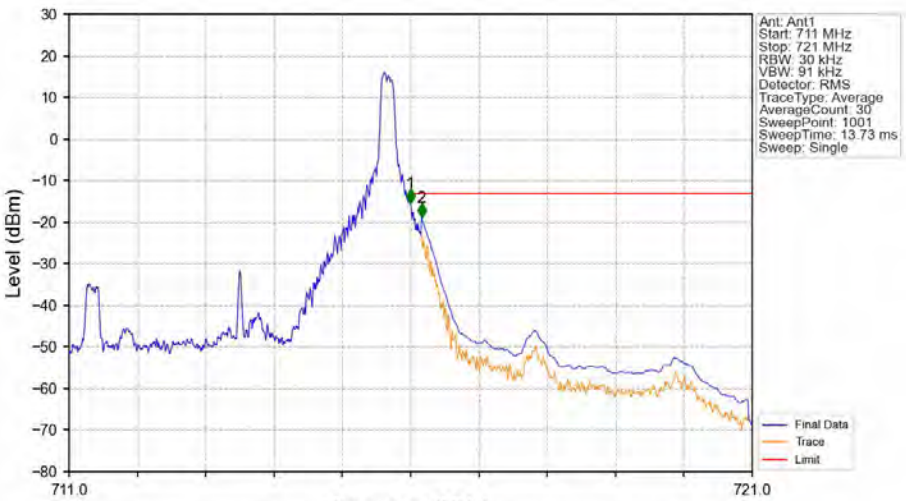
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV




Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

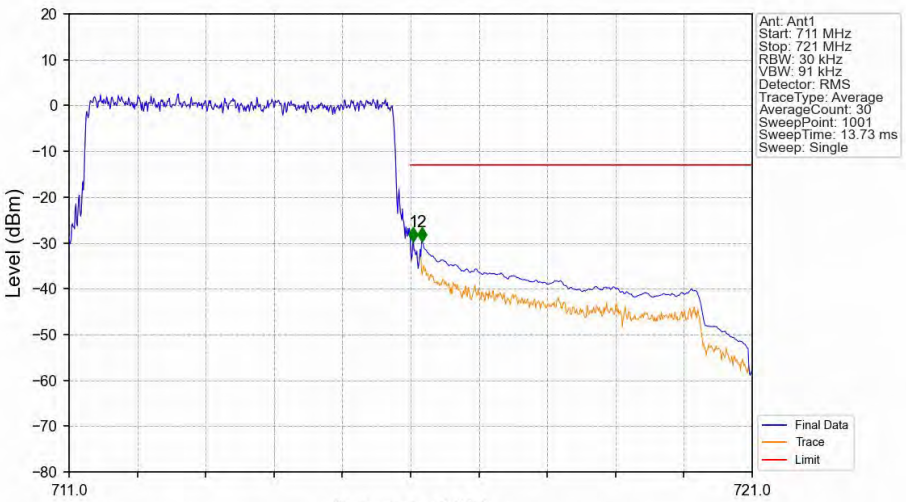


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



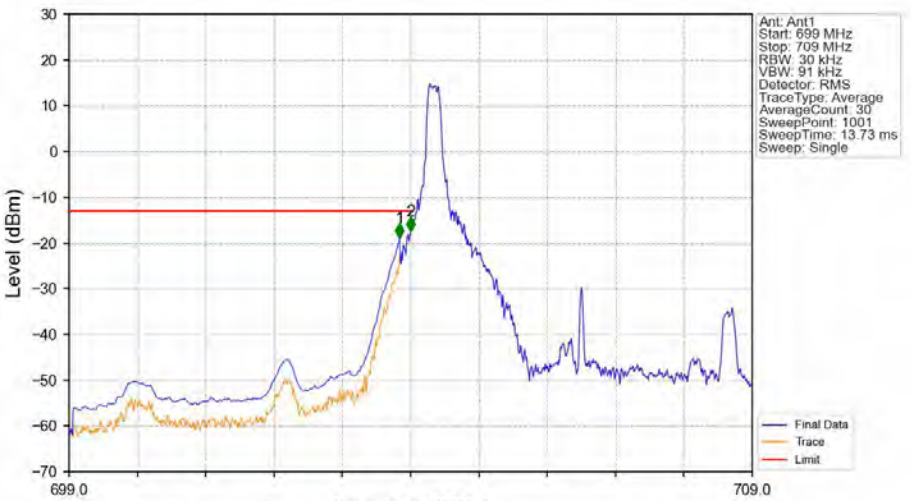

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 711 | 716 | 0.03 | / | / | / | / | / | / |
| 716 | 716.1 | 0.03 | / | 1 | 716.000 | -15.44 | -13 | Pass |
| 716.1 | 721 | 0.1 | CHP | 2 | 716.160 | -18.92 | -13 | Pass |

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



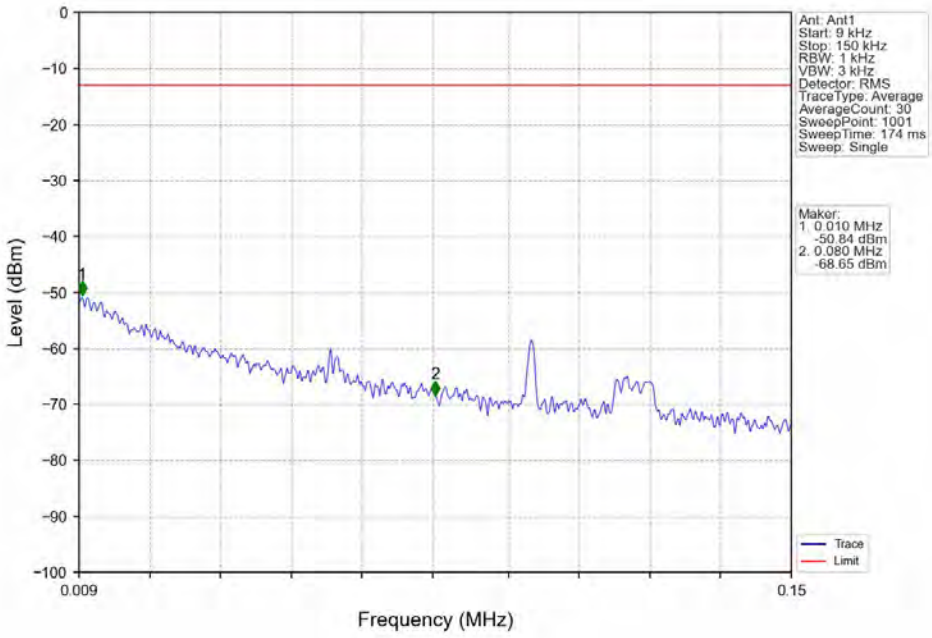

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 711 | 716 | 0.03 | / | / | / | / | / | / |
| 716 | 716.1 | 0.03 | / | 1 | 716.040 | -29.76 | -13 | Pass |
| 716.1 | 721 | 0.1 | CHP | 2 | 716.160 | -29.78 | -13 | Pass |

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

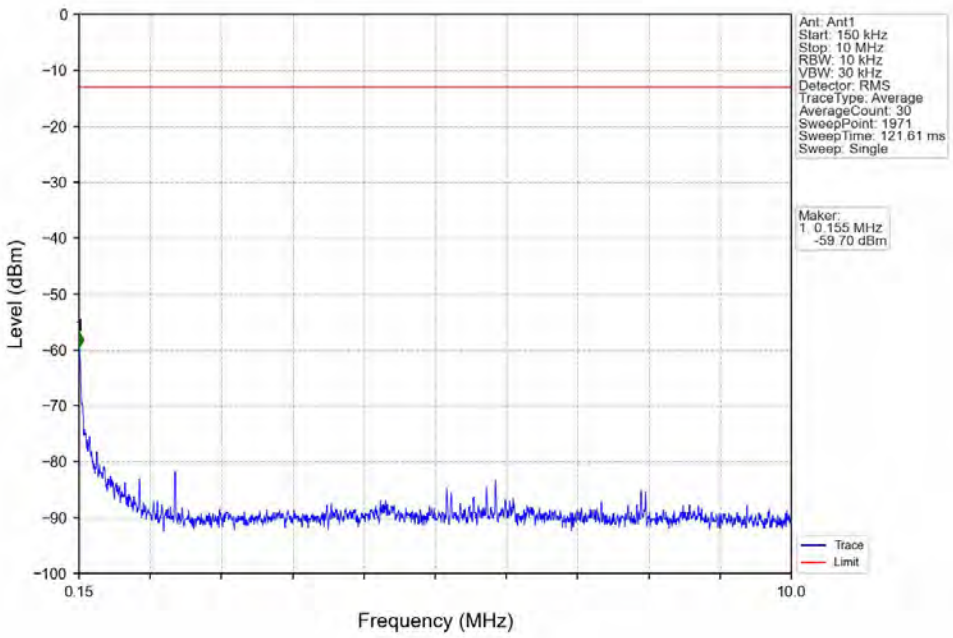



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 699 | 703.9 | 0.1 | CHP | 1 | 703.840 | -18.87 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 704.000 | -17.41 | -13 | Pass |
| 704 | 709 | 0.03 | / | / | / | / | / | / |

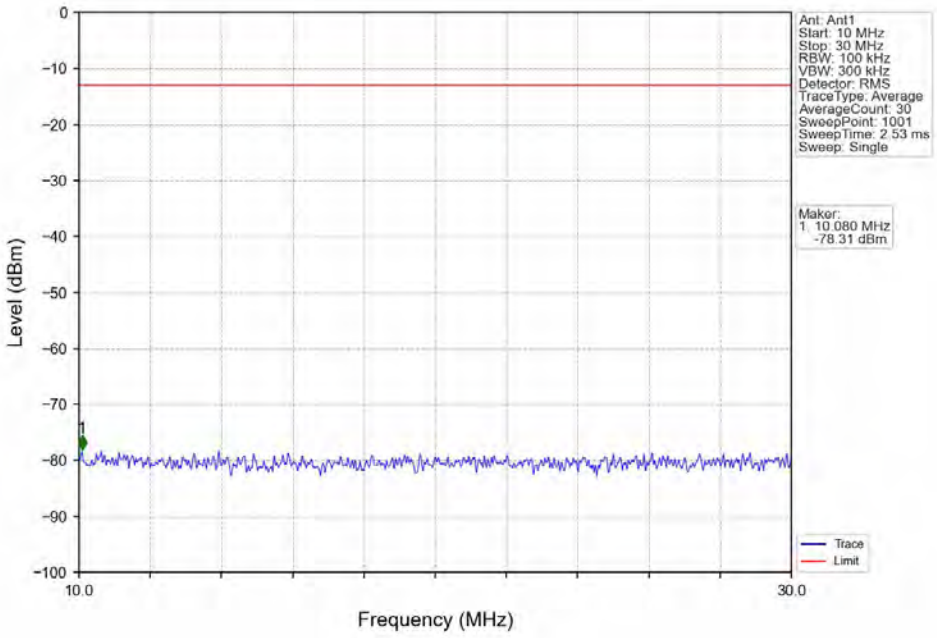
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



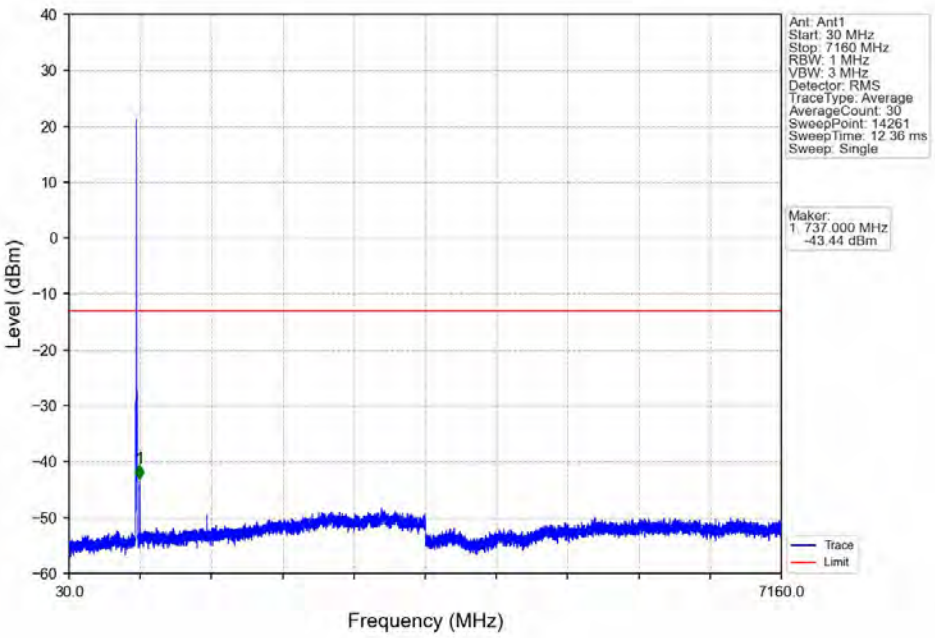
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



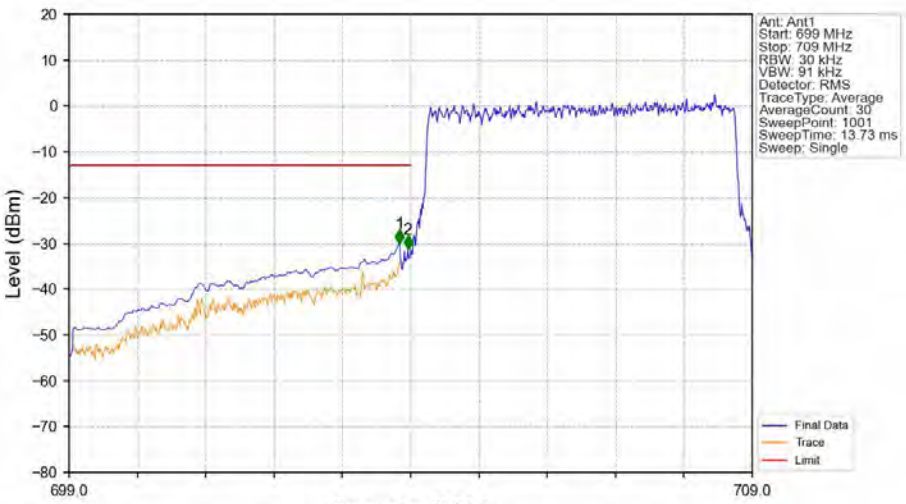

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

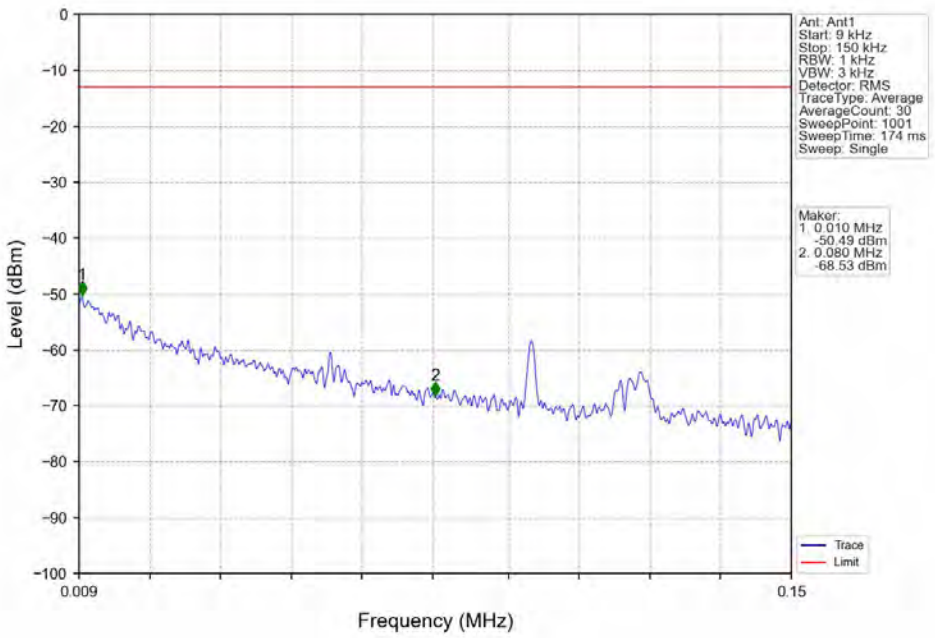



Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

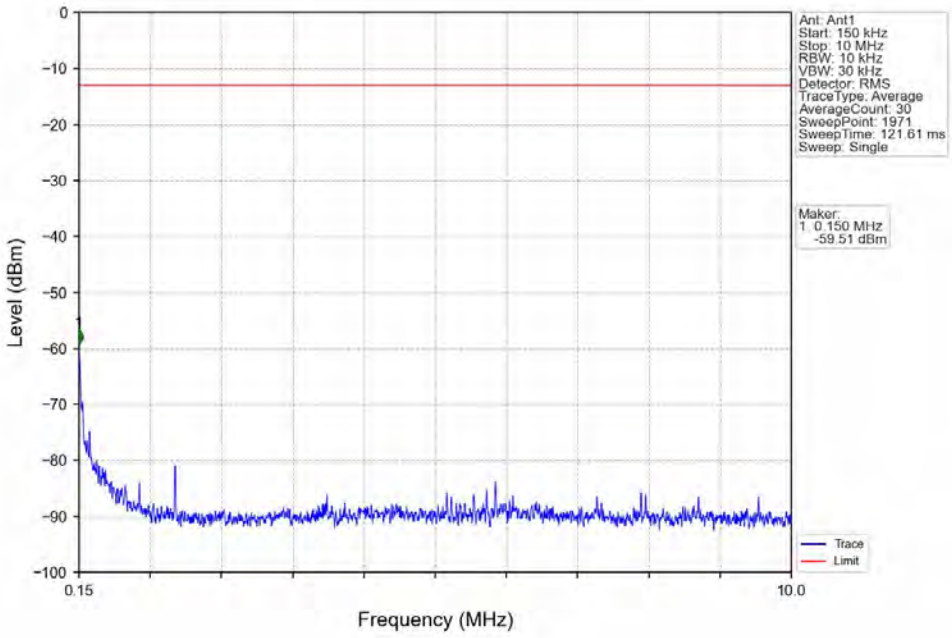



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 699 | 703.9 | 0.1 | CHP | 1 | 703.840 | -30.10 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.960 | -31.32 | -13 | Pass |
| 704 | 709 | 0.03 | / | / | / | / | / | / |

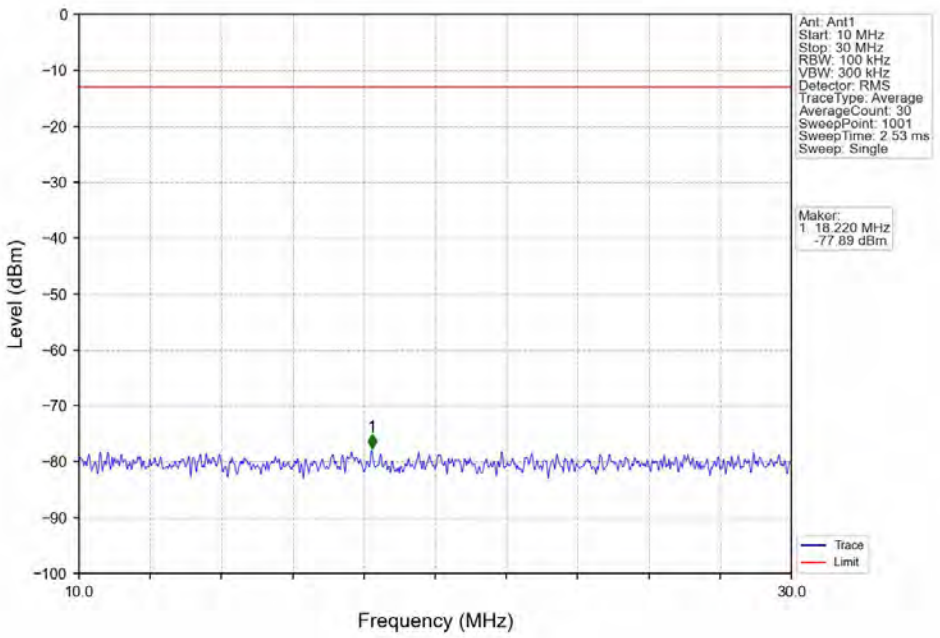
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



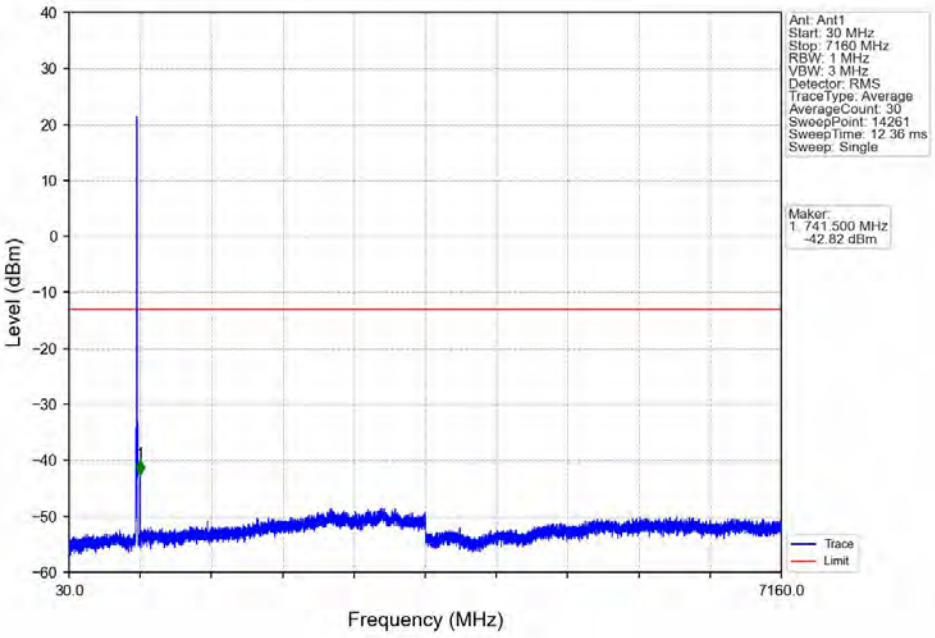

Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



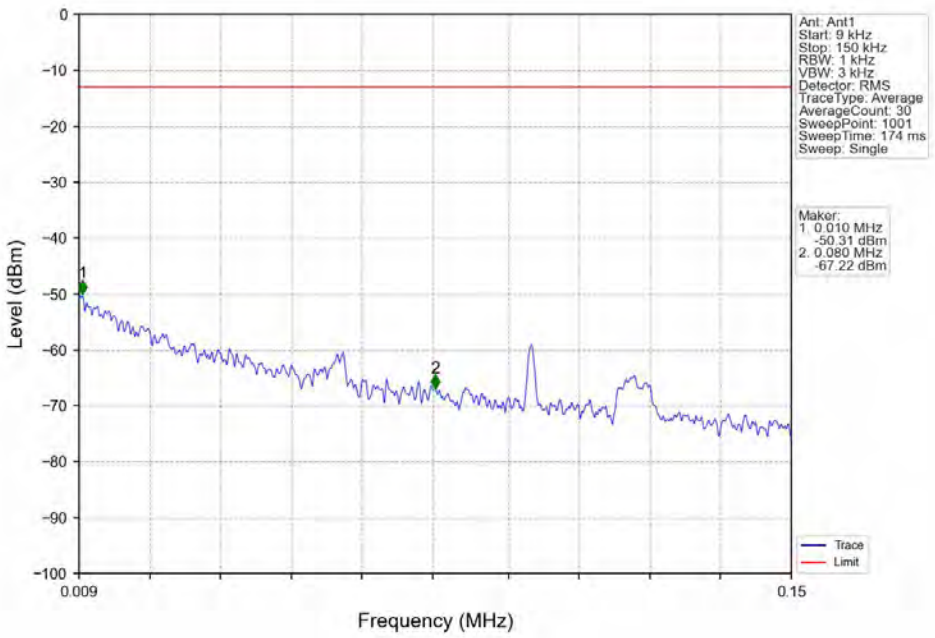
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



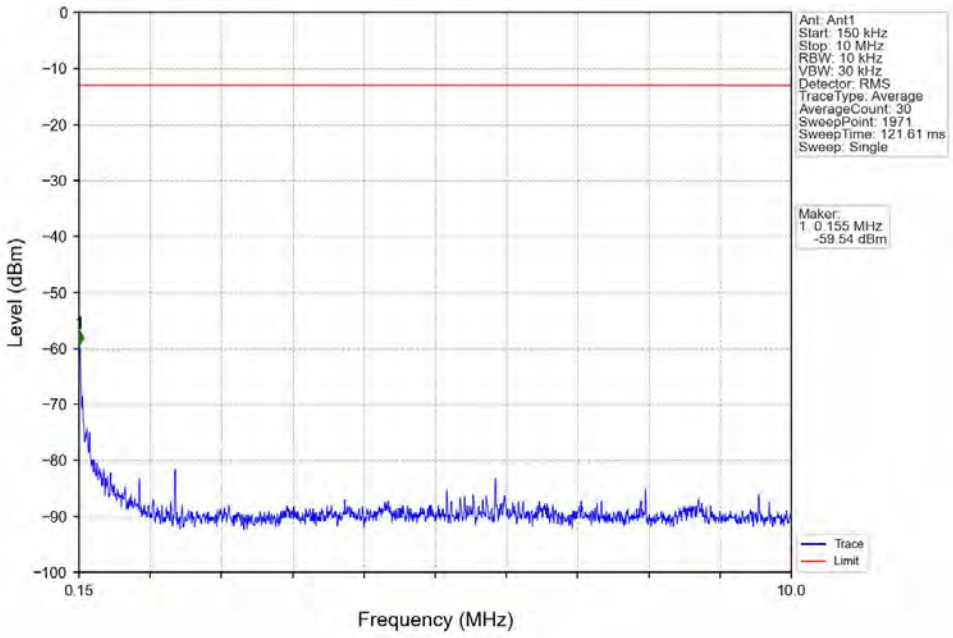

Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



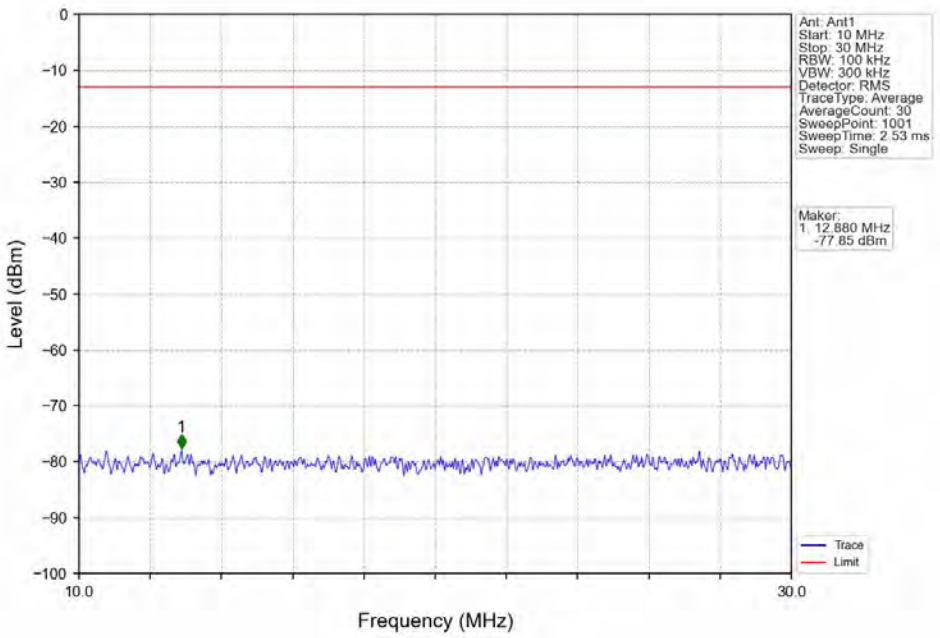
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



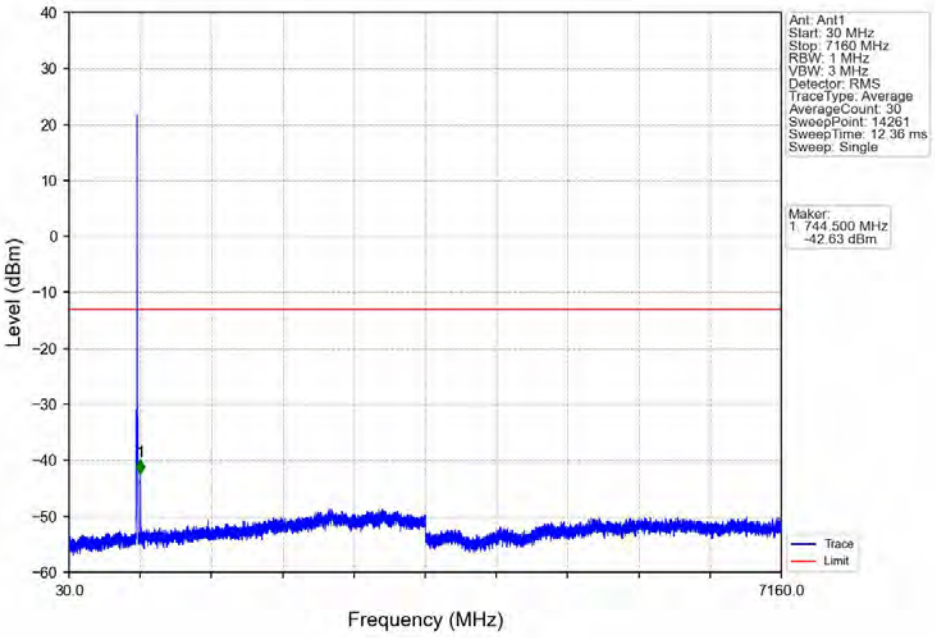

Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



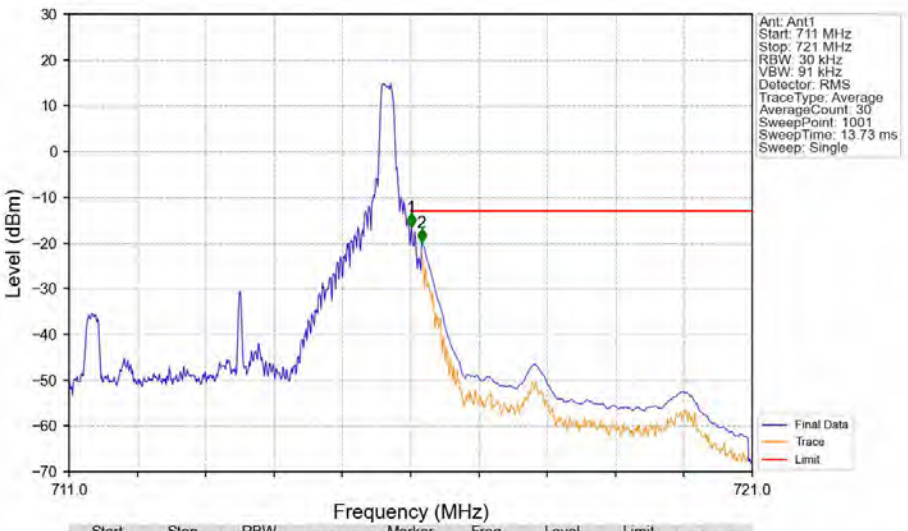
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV




Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

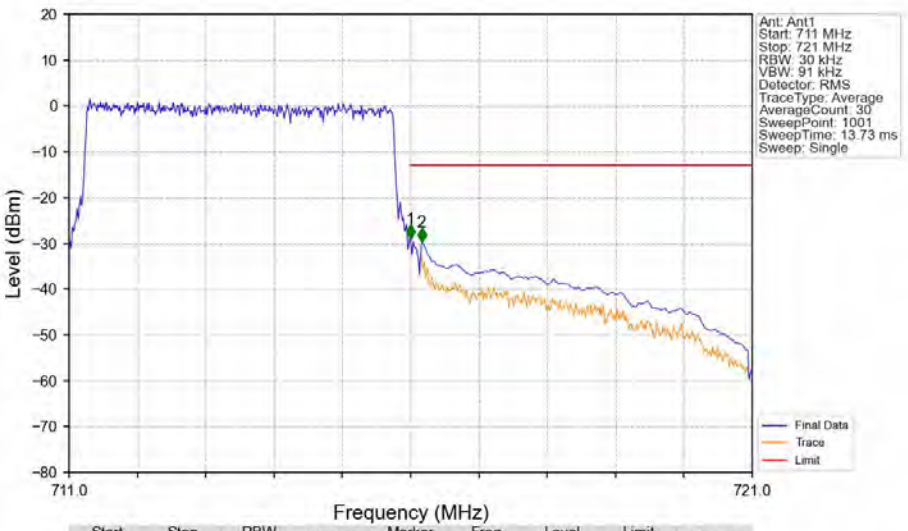


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV




| 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 | -16.57 | -13 | Pass |
| 716.1 | 721 | 0.1 | CHP | 2 | 716.160 | -19.92 | -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 | 716.000 | -29.01 | -13 | Pass |
| 716.1 | 721 | 0.1 | CHP | 2 | 716.160 | -29.69 | -13 | Pass |

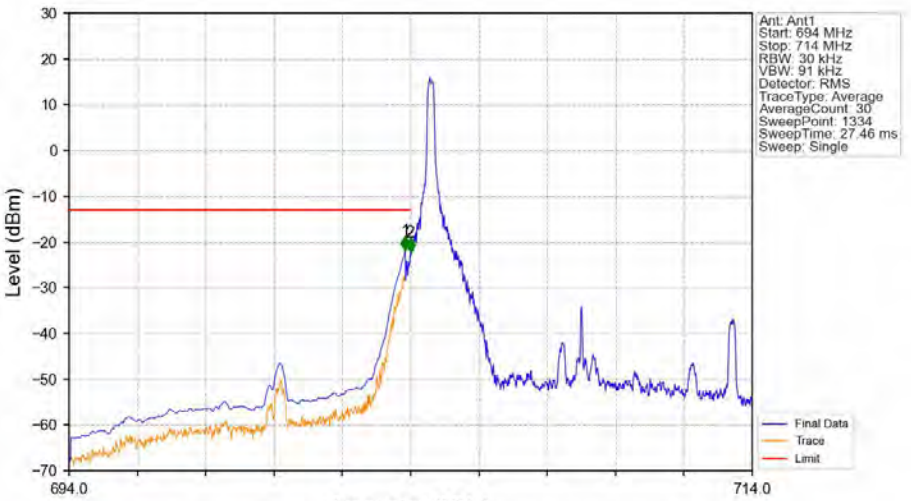
## 6.2 B17_10MHz

### 6.2.1 Test Result

| 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 |

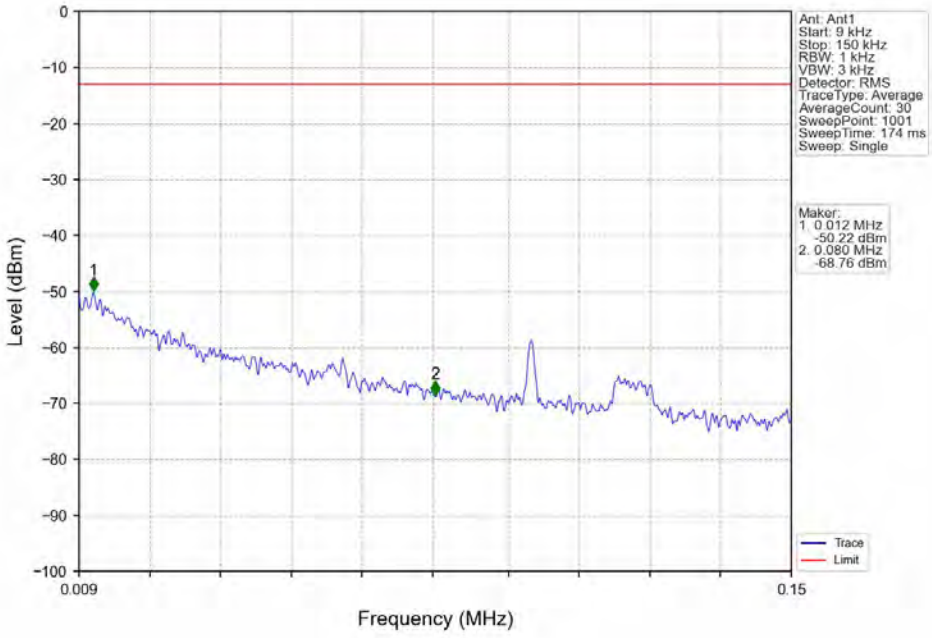
## 6.2.2 Test Graph

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

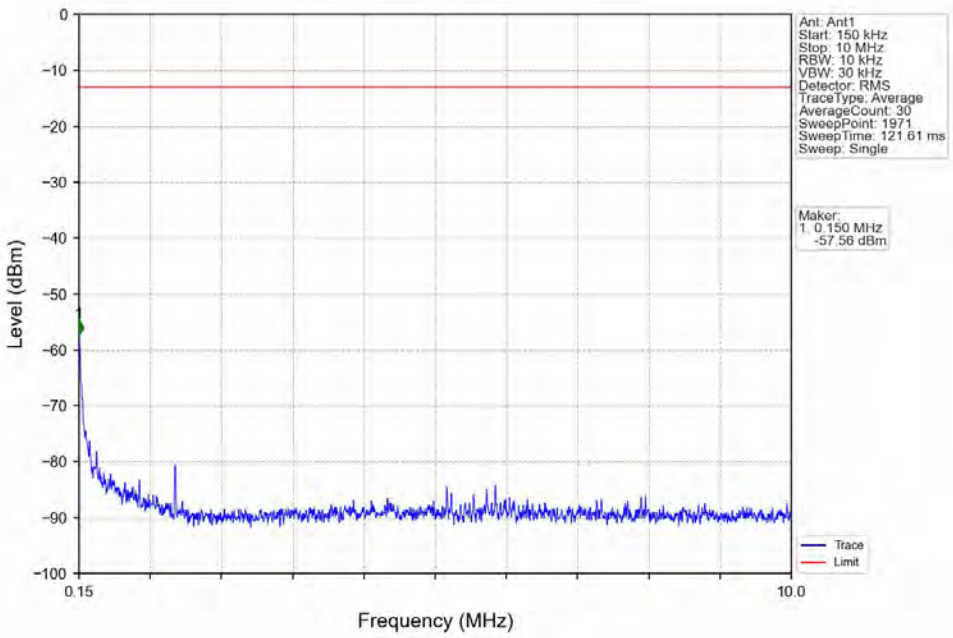



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 694 | 703.9 | 0.1 | CHP | 1 | 703.842 | -21.86 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.992 | -22.19 | -13 | Pass |
| 704 | 714 | 0.03 | / | / | / | / | / | / |

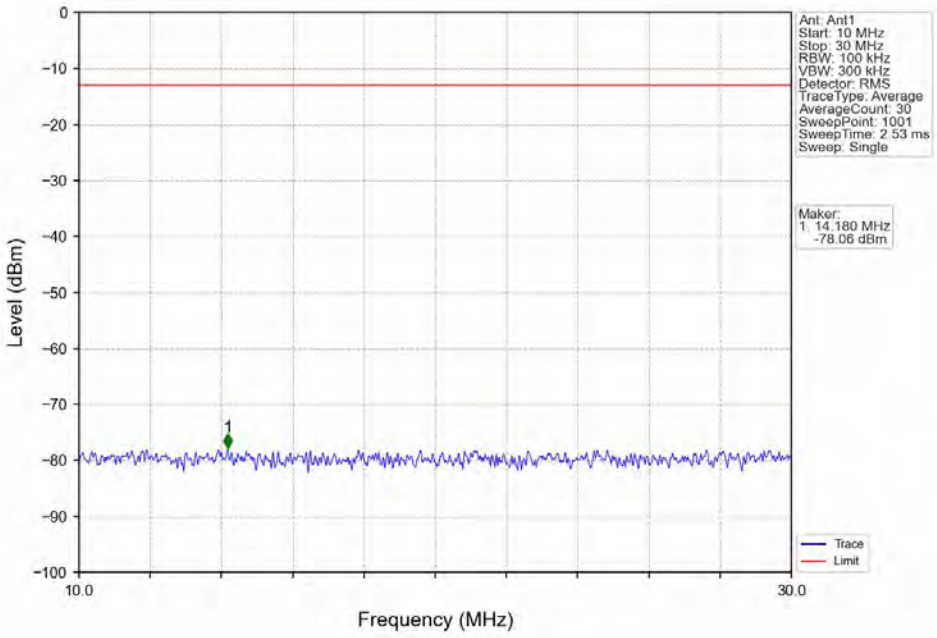
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



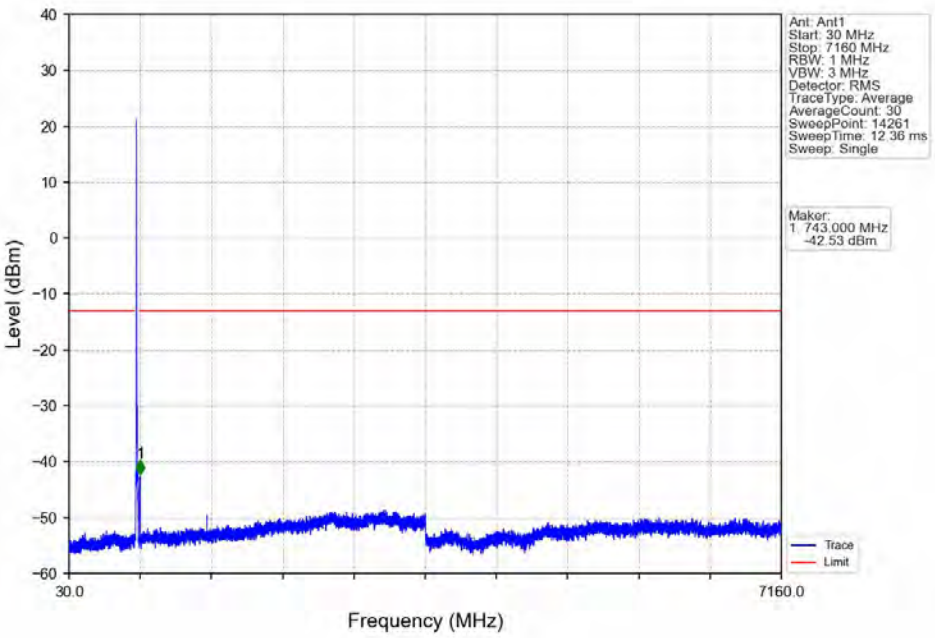
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



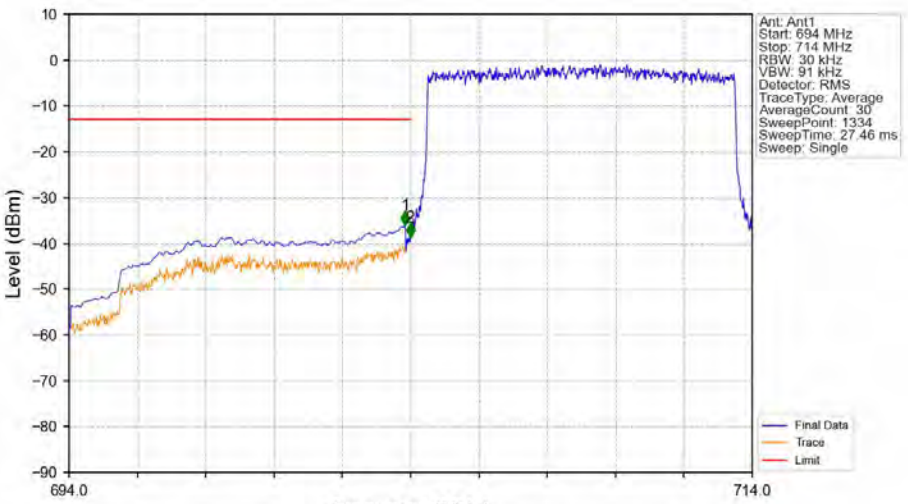

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

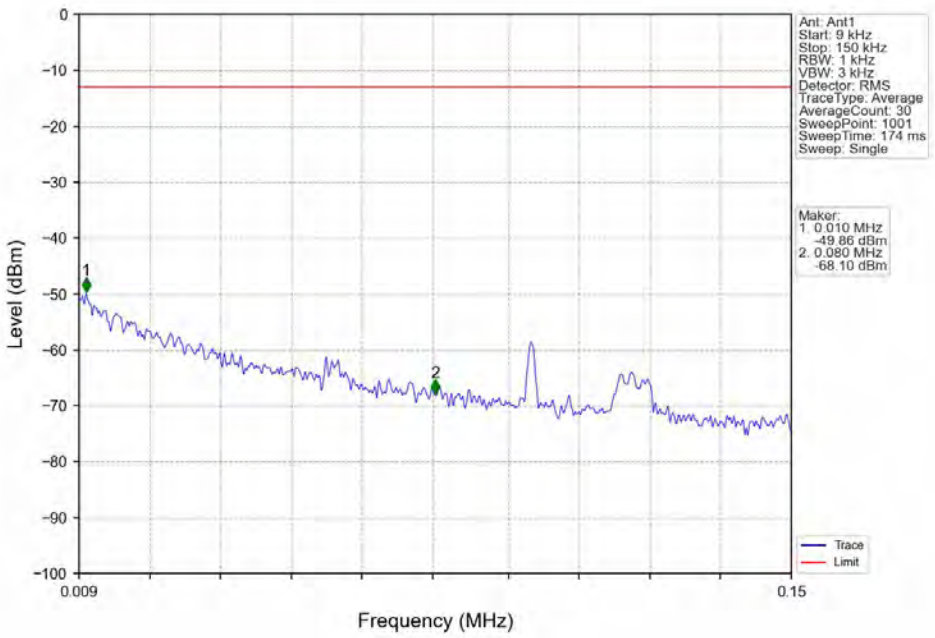



Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

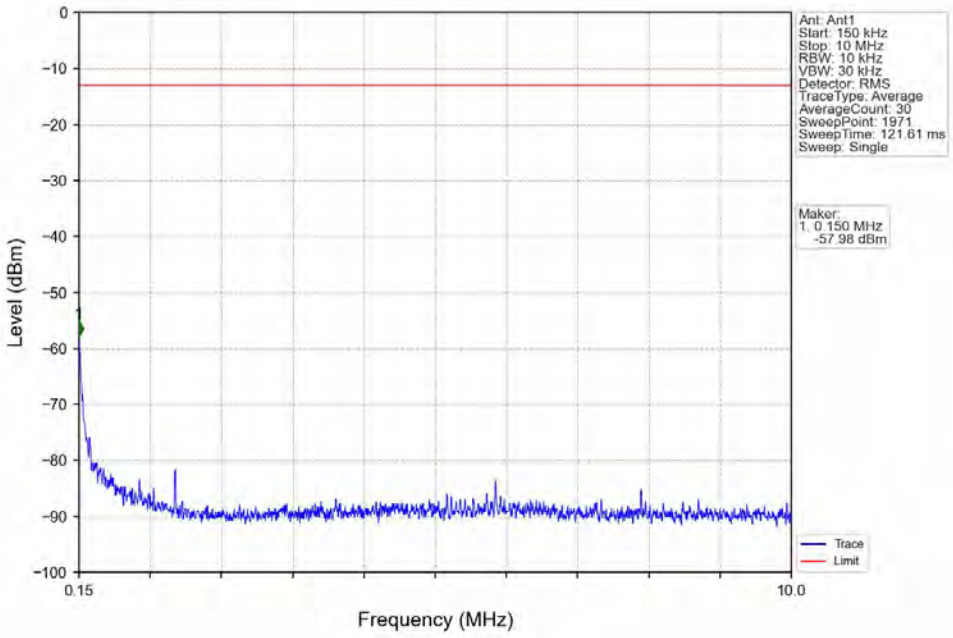



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 694 | 703.9 | 0.1 | CHP | 1 | 703.842 | -36.02 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.992 | -38.69 | -13 | Pass |
| 704 | 714 | 0.03 | / | / | / | / | / | / |

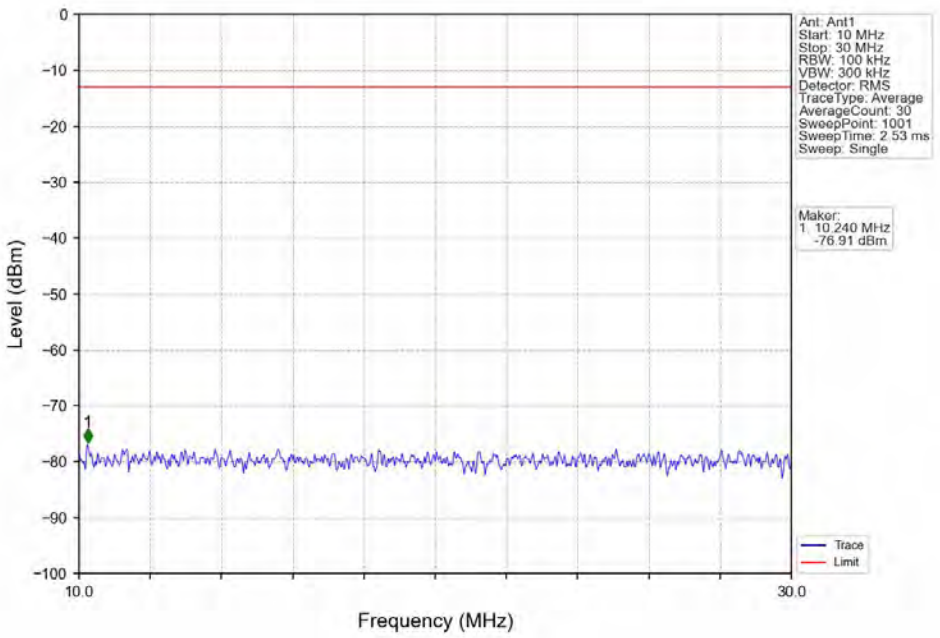
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



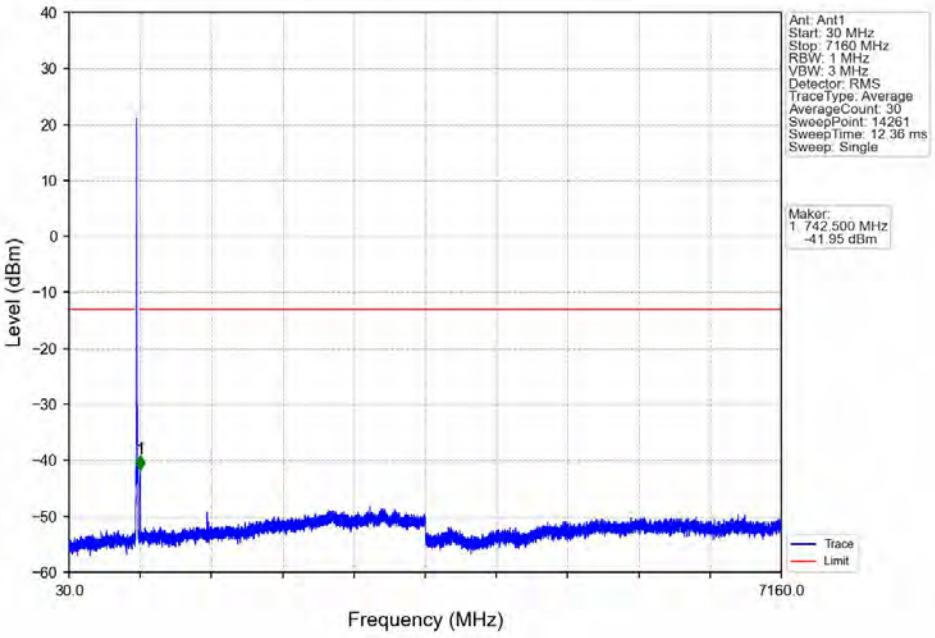

Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



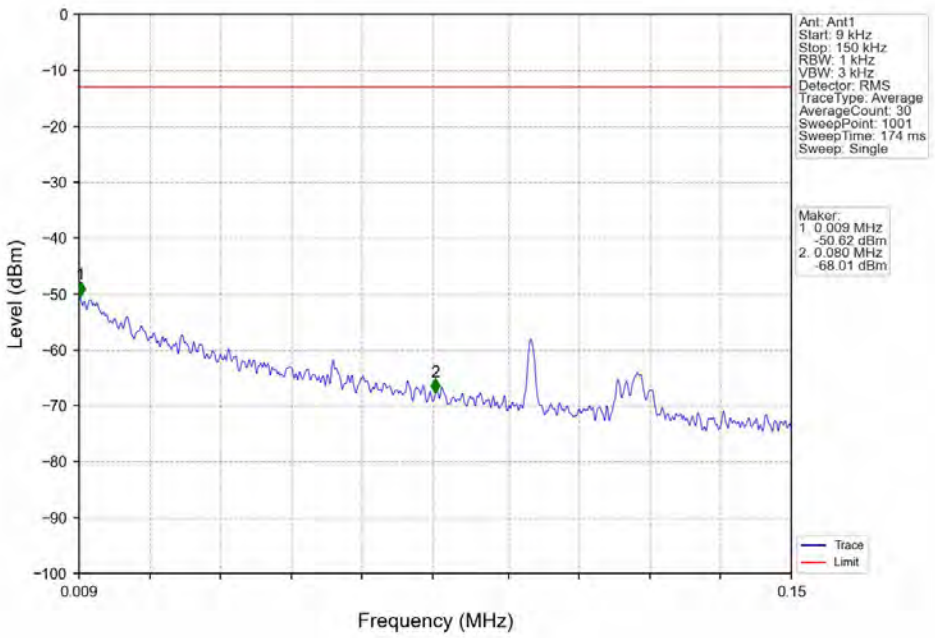
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



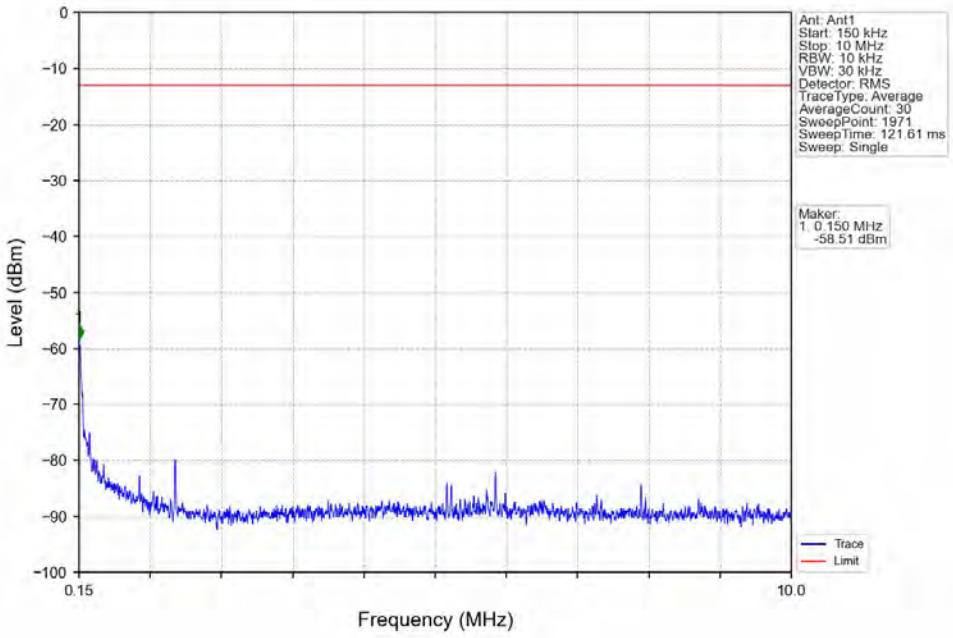

Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



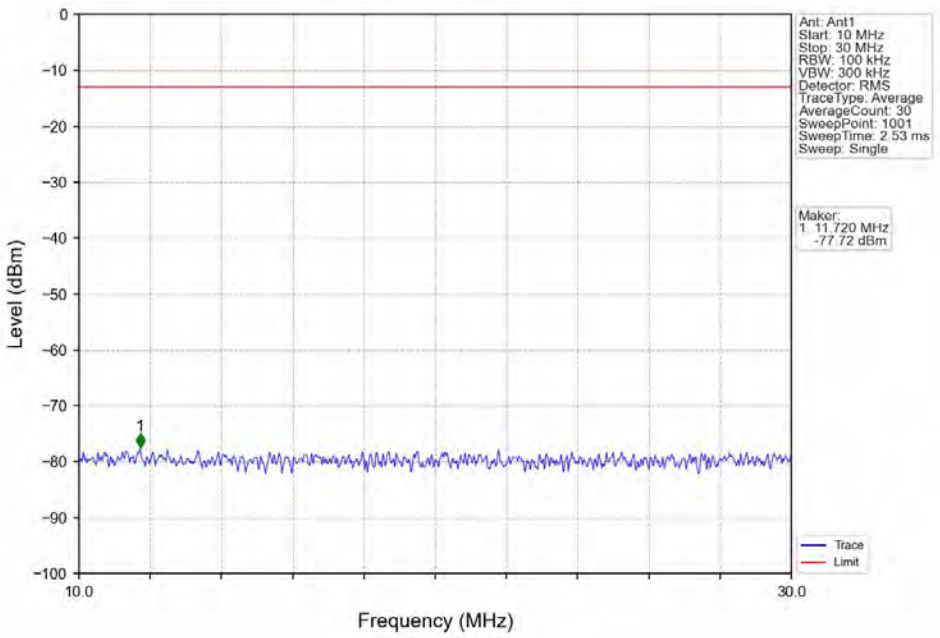
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



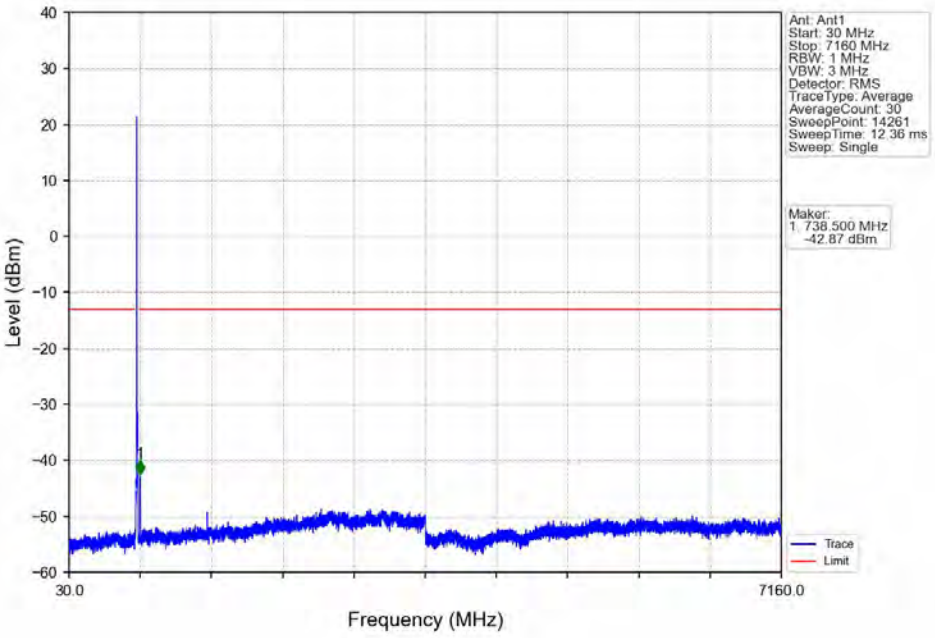

Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



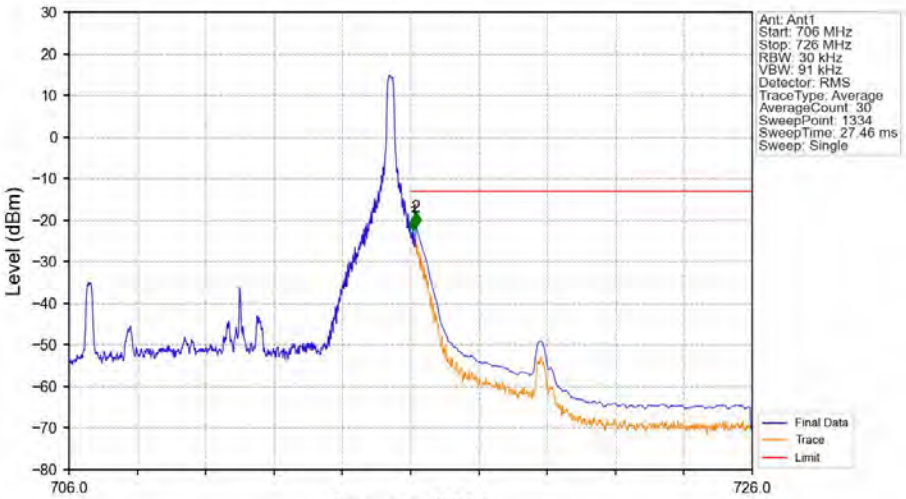
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV




Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

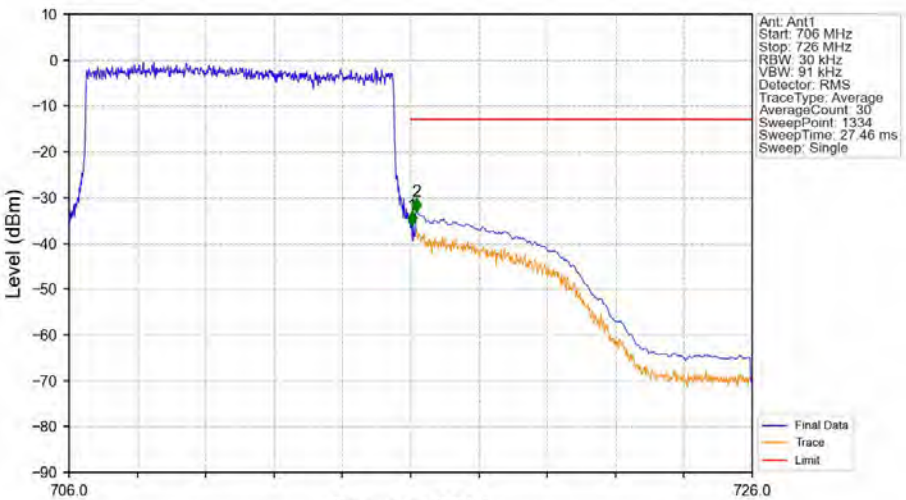


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



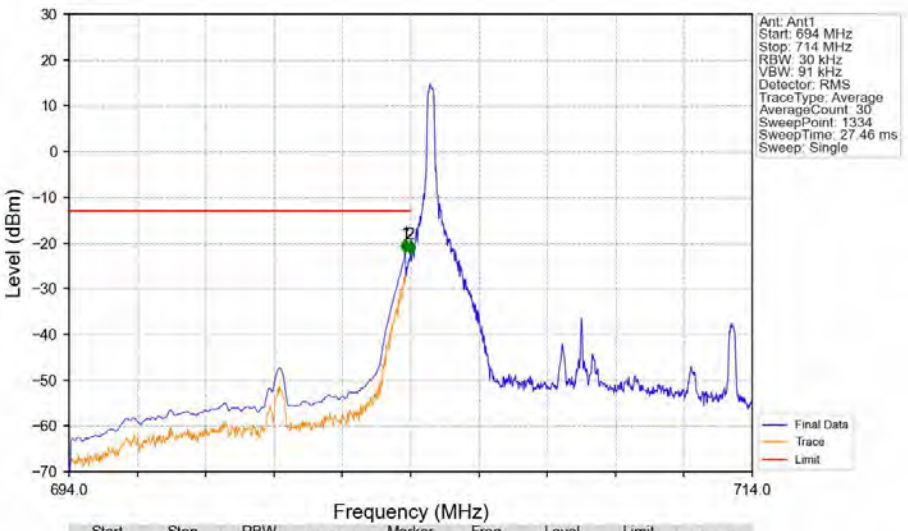

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 706 | 716 | 0.03 | / | / | / | / | / | / |
| 716 | 716.1 | 0.03 | / | 1 | 716.083 | -22.63 | -13 | Pass |
| 716.1 | 726 | 0.1 | CHP | 2 | 716.158 | -21.58 | -13 | Pass |

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



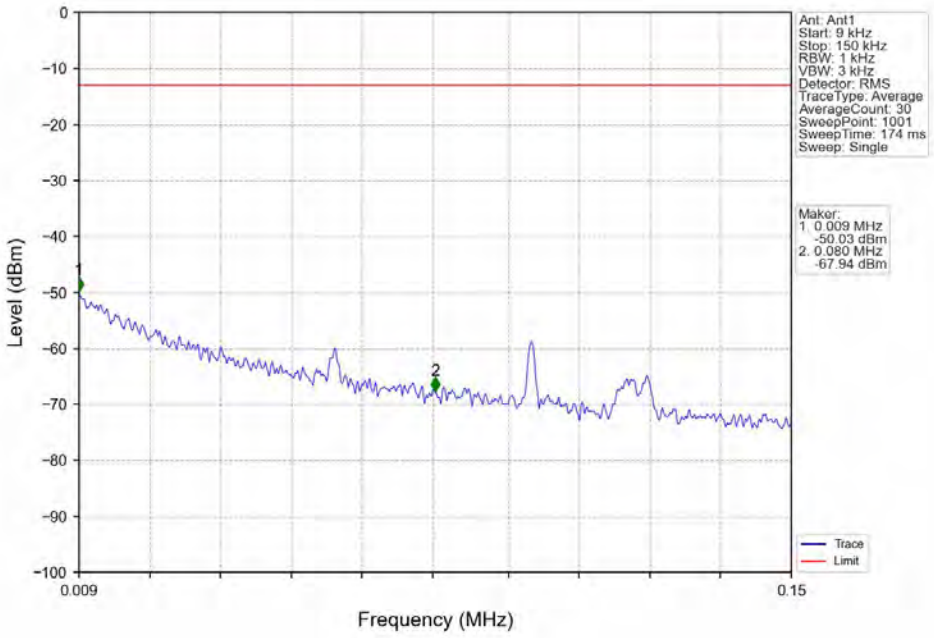

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 706 | 716 | 0.03 | / | / | / | / | / | / |
| 716 | 716.1 | 0.03 | / | 1 | 716.038 | -36.00 | -13 | Pass |
| 716.1 | 726 | 0.1 | CHP | 2 | 716.173 | -33.14 | -13 | Pass |

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

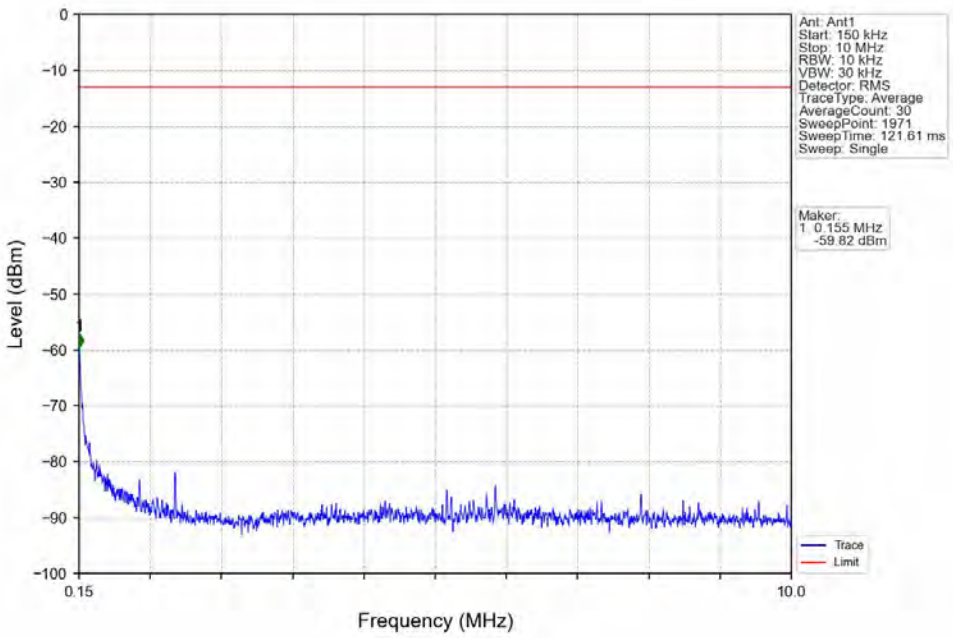



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 694 | 703.9 | 0.1 | CHP | 1 | 703.842 | -22.23 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.992 | -22.46 | -13 | Pass |
| 704 | 714 | 0.03 | / | / | / | / | / | / |

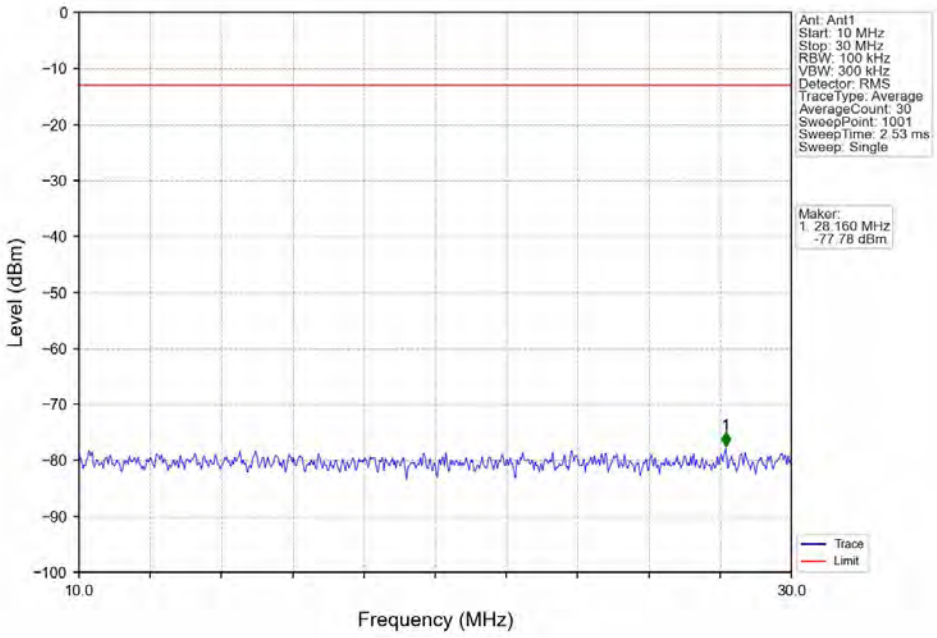
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



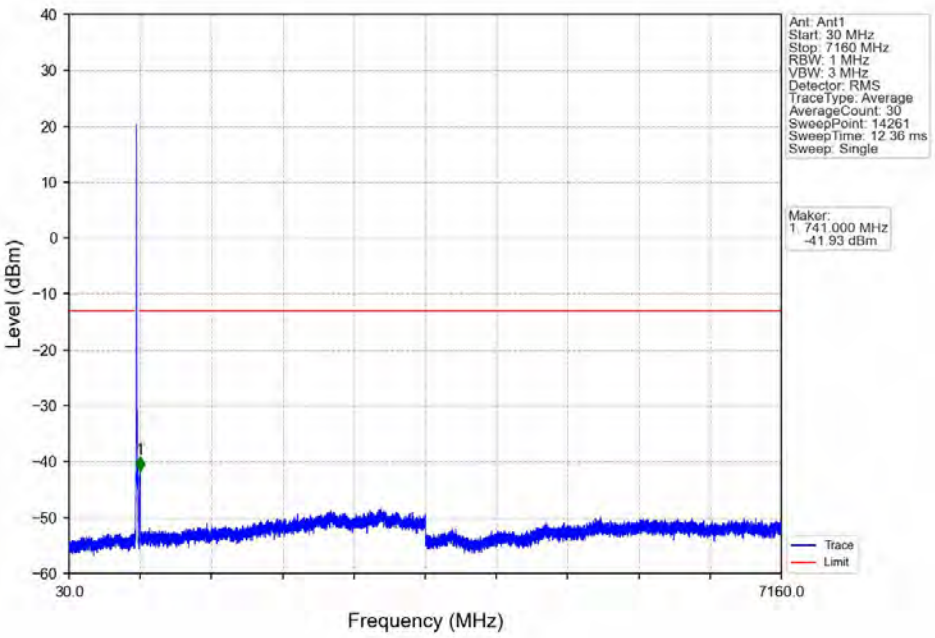
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



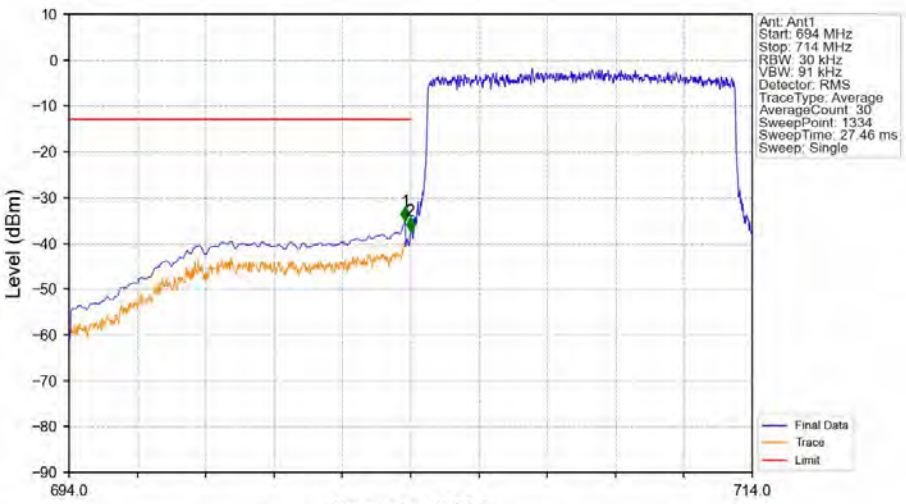

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

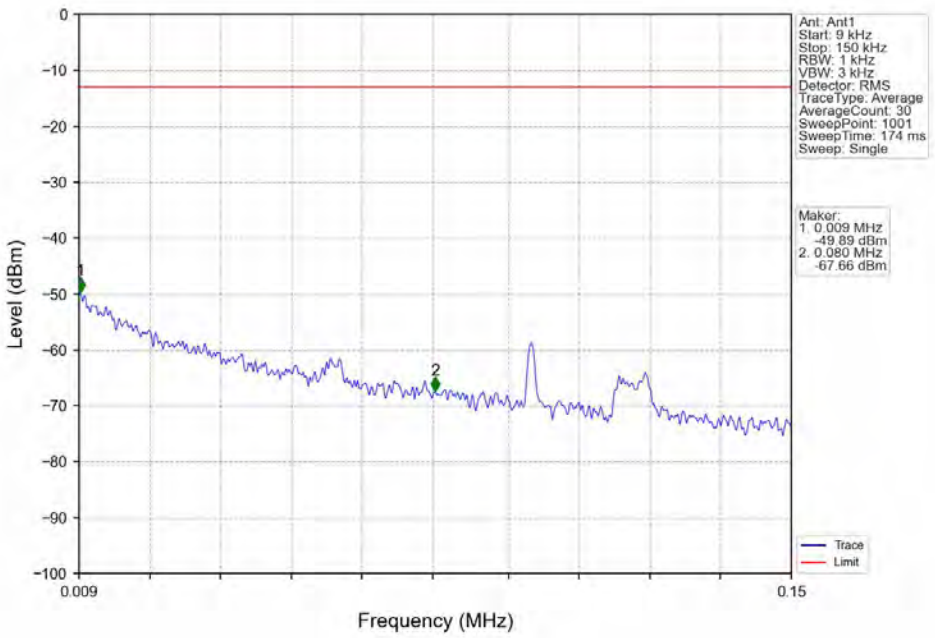



Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

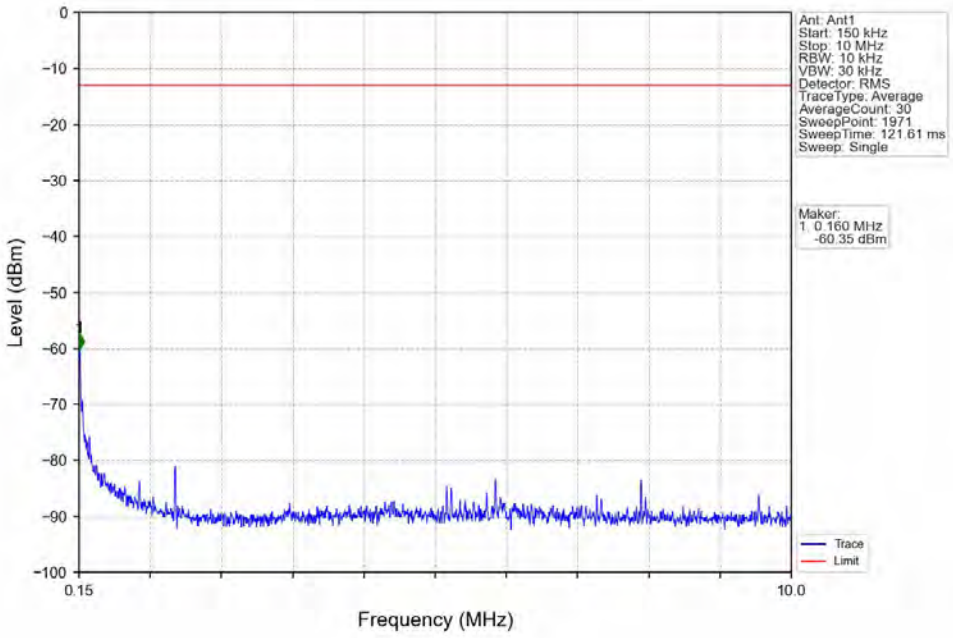



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 694 | 703.9 | 0.1 | CHP | 1 | 703.842 | -35.17 | -13 | Pass |
| 703.9 | 704 | 0.03 | / | 2 | 703.992 | -37.38 | -13 | Pass |
| 704 | 714 | 0.03 | / | / | / | / | / | / |

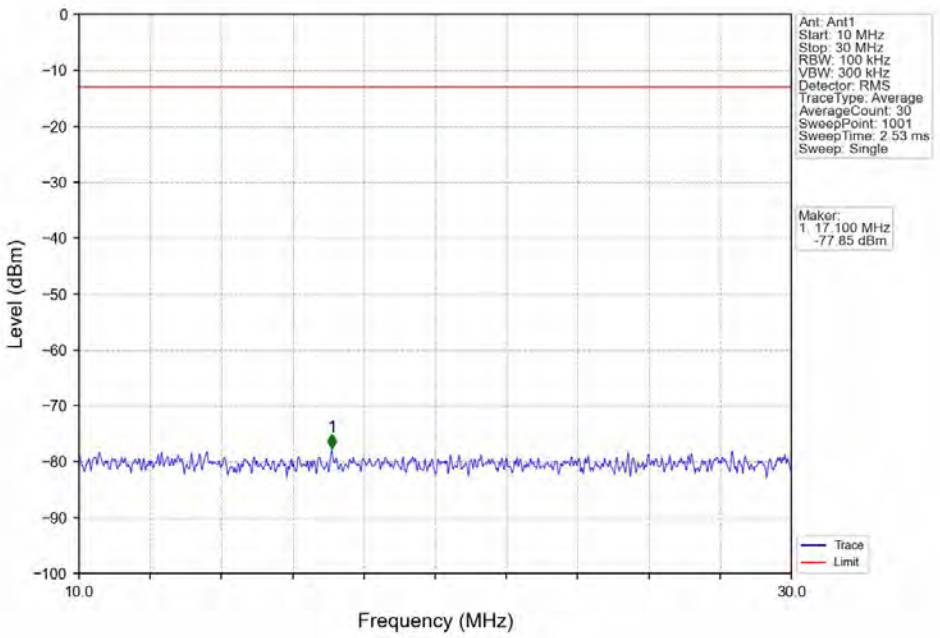
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



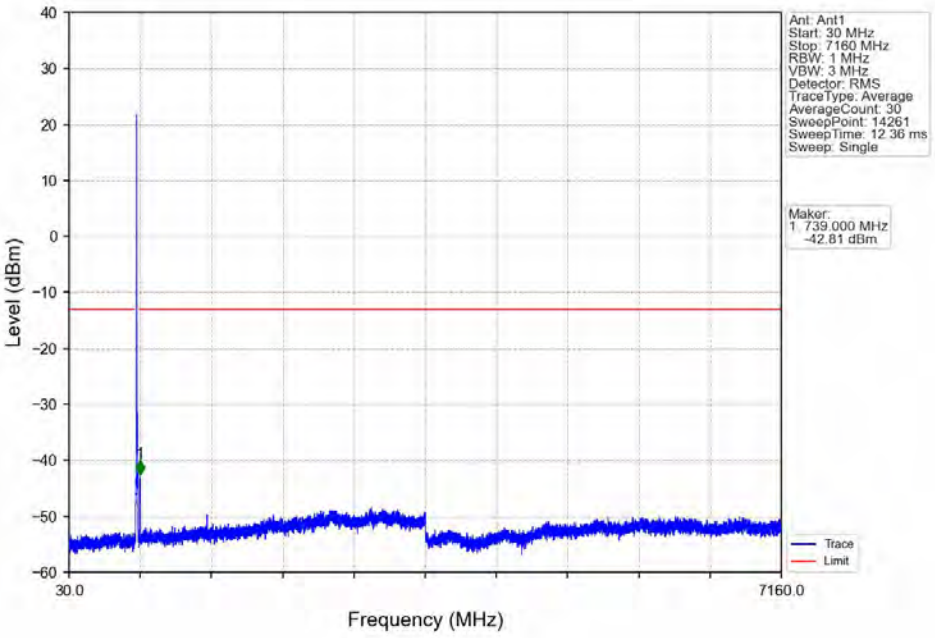

Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



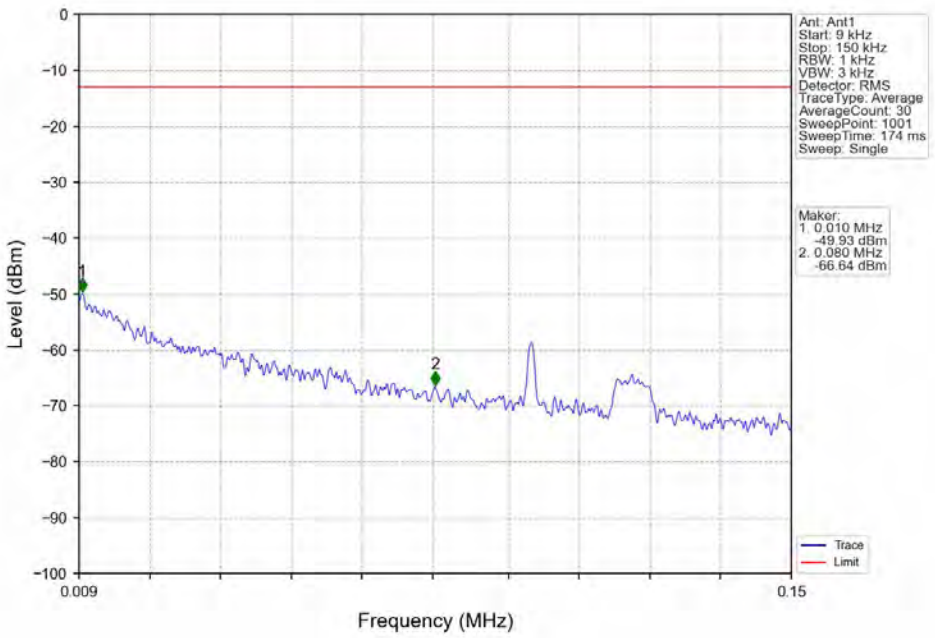
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



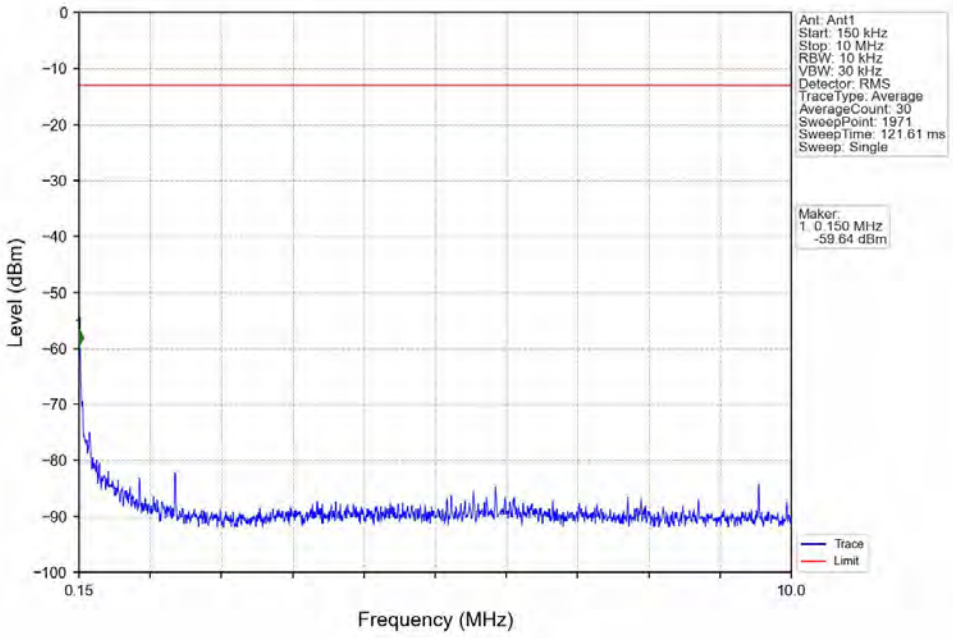

Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



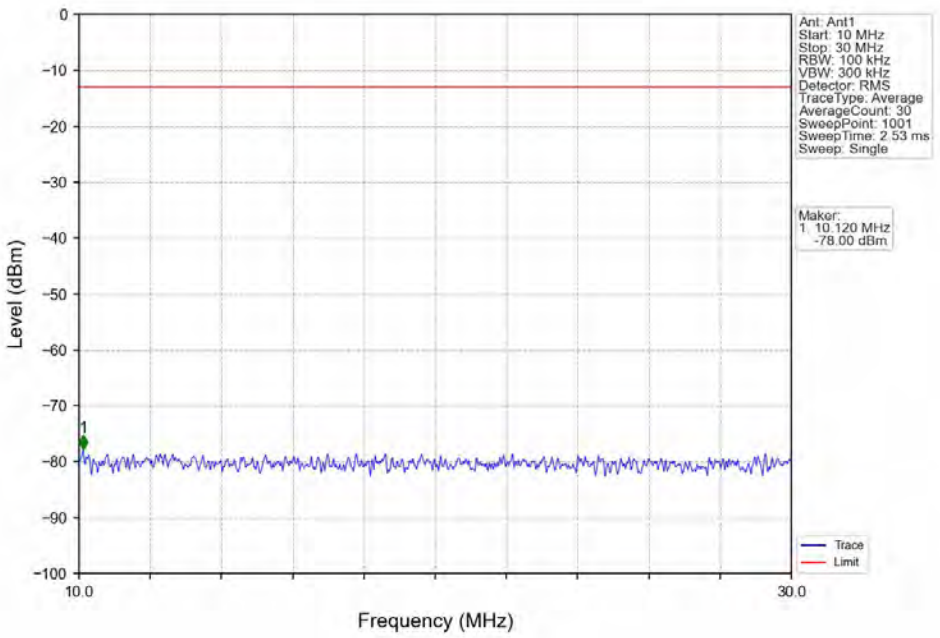
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



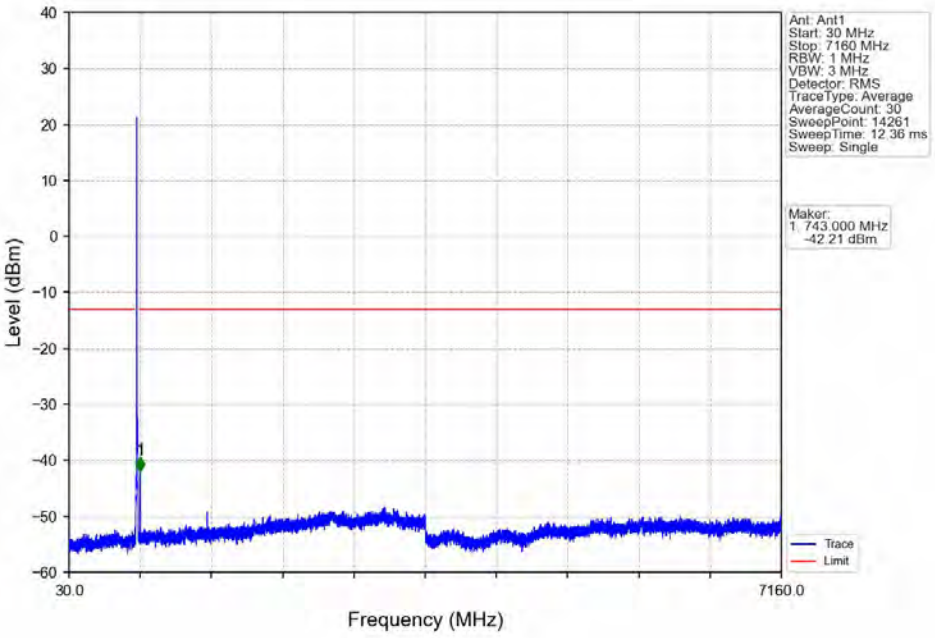

Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



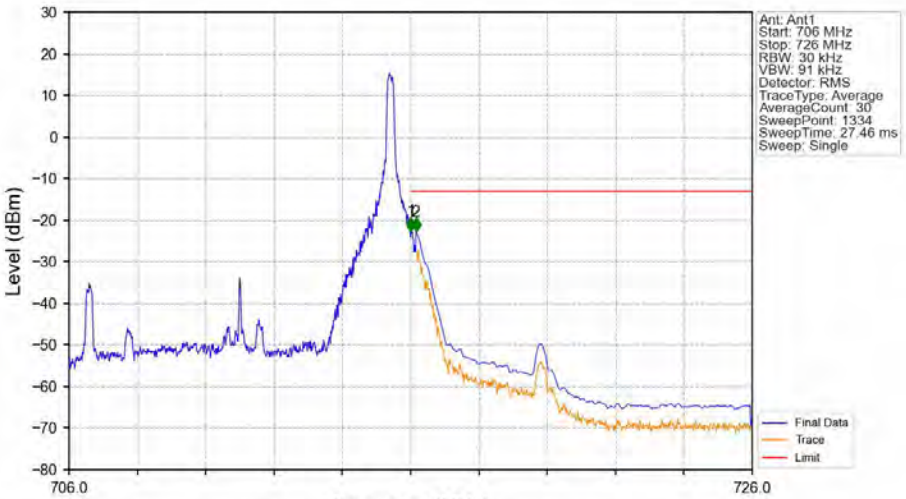
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV




Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

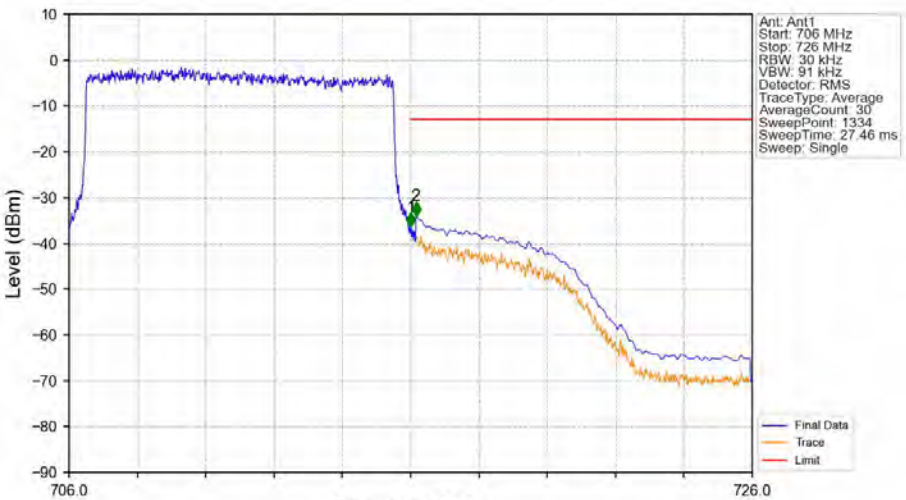


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV




| 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 | 716.008 | -22.68 | -13 | Pass |
| 716.1 | 726 | 0.1 | CHP | 2 | 716.158 | -22.85 | -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 | -36.41 | -13 | Pass |
| 716.1 | 726 | 0.1 | CHP | 2 | 716.158 | -34.00 | -13 | Pass |

# 7. Form731

## 7.1 Form731_Power

### 7.1.1 Test Result

| 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 | 0.1774 | 0.0152 | ppm | 4M61G7D | 27H | 22.49 |
| 17 | 5 | 706.5 | 713.5 | 0.1507 | 0.0146 | ppm | 4M60W7D | 27H | 21.78 |
| 17 | 10 | 709 | 711 | 0.1845 | 0.0139 | ppm | 9M06G7D | 27H | 22.66 |
| 17 | 10 | 709 | 711 | 0.1629 | 0.0110 | ppm | 9M08W7D | 27H | 22.12 |

## 7.2 Form731_ERP

### 7.2.1 Test Result

| 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 | 0.1081 | 0.0152 | ppm | 4M61G7D | 27H | 20.34 |
| 17 | 5 | 706.5 | 713.5 | 0.0918 | 0.0146 | ppm | 4M60W7D | 27H | 19.63 |
| 17 | 10 | 709 | 711 | 0.1125 | 0.0139 | ppm | 9M06G7D | 27H | 20.51 |
| 17 | 10 | 709 | 711 | 0.0993 | 0.0110 | ppm | 9M08W7D | 27H | 19.97 |