# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B26a_1.4MHz_ERP

| Band: 26a / Bandwidth: 1.4MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 814.7 | 1 | 0 | 22.04 | -0.71 | 19.18 | <=38.45 | Pass |
| | | | 2 | 21.94 | -0.71 | 19.08 | <=38.45 | Pass |
| | | | 5 | 22.06 | -0.71 | 19.20 | <=38.45 | Pass |
| | | 3 | 0 | 22.15 | -0.71 | 19.29 | <=38.45 | Pass |
| | | | 2 | 22.12 | -0.71 | 19.26 | <=38.45 | Pass |
| | | | 3 | 22.09 | -0.71 | 19.23 | <=38.45 | Pass |
| | | 6 | 0 | 21.53 | -0.71 | 18.67 | <=38.45 | Pass |
| | 819 | 1 | 0 | 21.91 | -0.71 | 19.05 | <=38.45 | Pass |
| | | | 2 | 21.88 | -0.71 | 19.02 | <=38.45 | Pass |
| | | | 5 | 21.90 | -0.71 | 19.04 | <=38.45 | Pass |
| | | 3 | 0 | 22.00 | -0.71 | 19.14 | <=38.45 | Pass |
| | | | 2 | 22.02 | -0.71 | 19.16 | <=38.45 | Pass |
| | | | 3 | 22.02 | -0.71 | 19.16 | <=38.45 | Pass |
| | | 6 | 0 | 21.42 | -0.71 | 18.56 | <=38.45 | Pass |
| | 823.3 | 1 | 0 | 21.96 | -0.71 | 19.10 | <=38.45 | Pass |
| | | | 2 | 21.87 | -0.71 | 19.01 | <=38.45 | Pass |
| | | | 5 | 21.92 | -0.71 | 19.06 | <=38.45 | Pass |
| | | 3 | 0 | 22.04 | -0.71 | 19.18 | <=38.45 | Pass |
| | | | 2 | 22.01 | -0.71 | 19.15 | <=38.45 | Pass |
| | | | 3 | 22.06 | -0.71 | 19.20 | <=38.45 | Pass |
| | | 6 | 0 | 21.50 | -0.71 | 18.64 | <=38.45 | Pass |
| 16QAM | 814.7 | 1 | 0 | 21.37 | -0.71 | 18.51 | <=38.45 | Pass |
| | | | 2 | 21.86 | -0.71 | 19.00 | <=38.45 | Pass |
| | | | 5 | 22.31 | -0.71 | 19.45 | <=38.45 | Pass |
| | | 3 | 0 | 21.57 | -0.71 | 18.71 | <=38.45 | Pass |
| | | | 2 | 21.54 | -0.71 | 18.68 | <=38.45 | Pass |
| | | | 3 | 21.48 | -0.71 | 18.62 | <=38.45 | Pass |
| | | 6 | 0 | 20.86 | -0.71 | 18.00 | <=38.45 | Pass |
| | 819 | 1 | 0 | 22.31 | -0.71 | 19.45 | <=38.45 | Pass |
| | | | 2 | 21.24 | -0.71 | 18.38 | <=38.45 | Pass |
| | | | 5 | 21.81 | -0.71 | 18.95 | <=38.45 | Pass |
| | | 3 | 0 | 21.32 | -0.71 | 18.46 | <=38.45 | Pass |
| | | | 2 | 21.55 | -0.71 | 18.69 | <=38.45 | Pass |
| | | | 3 | 21.34 | -0.71 | 18.48 | <=38.45 | Pass |
| | | 6 | 0 | 20.60 | -0.71 | 17.74 | <=38.45 | Pass |
| | 823.3 | 1 | 0 | 21.20 | -0.71 | 18.34 | <=38.45 | Pass |
| | | | 2 | 21.97 | -0.71 | 19.11 | <=38.45 | Pass |
| | | | 5 | 22.17 | -0.71 | 19.31 | <=38.45 | Pass |
| | | 3 | 0 | 21.60 | -0.71 | 18.74 | <=38.45 | Pass |
| | | | 2 | 21.51 | -0.71 | 18.65 | <=38.45 | Pass |
| | | | 3 | 21.39 | -0.71 | 18.53 | <=38.45 | Pass |
| | | 6 | 0 | 20.77 | -0.71 | 17.91 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

### 1.1.2 B26a_3MHz_ERP

| Band: 26a / Bandwidth: 3MHz / NTNV |
|---|

| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) | | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | Size | Offset | | | Result | Limit | |
| QPSK | 815.5 | 1 | 0 | 22.04 | -0.71 | 19.18 | <=38.45 | Pass |
| | | | 7 | 21.90 | -0.71 | 19.04 | <=38.45 | Pass |
| | | | 14 | 22.20 | -0.71 | 19.34 | <=38.45 | Pass |
| | | 8 | 0 | 21.45 | -0.71 | 18.59 | <=38.45 | Pass |
| | | | 4 | 21.43 | -0.71 | 18.57 | <=38.45 | Pass |
| | | | 7 | 21.71 | -0.71 | 18.85 | <=38.45 | Pass |
| | | 15 | 0 | 21.46 | -0.71 | 18.60 | <=38.45 | Pass |
| | 819 | 1 | 0 | 22.04 | -0.71 | 19.18 | <=38.45 | Pass |
| | | | 7 | 22.03 | -0.71 | 19.17 | <=38.45 | Pass |
| | | | 14 | 21.92 | -0.71 | 19.06 | <=38.45 | Pass |
| | | 8 | 0 | 21.40 | -0.71 | 18.54 | <=38.45 | Pass |
| | | | 4 | 21.43 | -0.71 | 18.57 | <=38.45 | Pass |
| | | | 7 | 21.52 | -0.71 | 18.66 | <=38.45 | Pass |
| | | 15 | 0 | 21.43 | -0.71 | 18.57 | <=38.45 | Pass |
| | 822.5 | 1 | 0 | 21.84 | -0.71 | 18.98 | <=38.45 | Pass |
| | | | 7 | 22.08 | -0.71 | 19.22 | <=38.45 | Pass |
| | | | 14 | 21.94 | -0.71 | 19.08 | <=38.45 | Pass |
| | | 8 | 0 | 21.58 | -0.71 | 18.72 | <=38.45 | Pass |
| | | | 4 | 21.47 | -0.71 | 18.61 | <=38.45 | Pass |
| | | | 7 | 21.47 | -0.71 | 18.61 | <=38.45 | Pass |
| | | 15 | 0 | 21.49 | -0.71 | 18.63 | <=38.45 | Pass |
| 16QAM | 815.5 | 1 | 0 | 21.75 | -0.71 | 18.89 | <=38.45 | Pass |
| | | | 7 | 22.37 | -0.71 | 19.51 | <=38.45 | Pass |
| | | | 14 | 21.56 | -0.71 | 18.70 | <=38.45 | Pass |
| | | 8 | 0 | 20.90 | -0.71 | 18.04 | <=38.45 | Pass |
| | | | 4 | 20.77 | -0.71 | 17.91 | <=38.45 | Pass |
| | | | 7 | 20.93 | -0.71 | 18.07 | <=38.45 | Pass |
| | | 15 | 0 | 20.73 | -0.71 | 17.87 | <=38.45 | Pass |
| | 819 | 1 | 0 | 21.18 | -0.71 | 18.32 | <=38.45 | Pass |
| | | | 7 | 21.85 | -0.71 | 18.99 | <=38.45 | Pass |
| | | | 14 | 22.37 | -0.71 | 19.51 | <=38.45 | Pass |
| | | 8 | 0 | 20.83 | -0.71 | 17.97 | <=38.45 | Pass |
| | | | 4 | 20.72 | -0.71 | 17.86 | <=38.45 | Pass |
| | | | 7 | 20.76 | -0.71 | 17.90 | <=38.45 | Pass |
| | | 15 | 0 | 20.66 | -0.71 | 17.80 | <=38.45 | Pass |
| | 822.5 | 1 | 0 | 22.28 | -0.71 | 19.42 | <=38.45 | Pass |
| | | | 7 | 21.23 | -0.71 | 18.37 | <=38.45 | Pass |
| | | | 14 | 21.87 | -0.71 | 19.01 | <=38.45 | Pass |
| | | 8 | 0 | 20.57 | -0.71 | 17.71 | <=38.45 | Pass |
| | | | 4 | 20.72 | -0.71 | 17.86 | <=38.45 | Pass |
| | | | 7 | 20.76 | -0.71 | 17.90 | <=38.45 | Pass |
| | | 15 | 0 | 20.59 | -0.71 | 17.73 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

## 1.1.3 B26a_5MHz_ERP

| Band: 26a / Bandwidth: 5MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 816.5 | 1 | 0 | 21.87 | -0.71 | 19.01 | <=38.45 | Pass |
| | | | 13 | 22.13 | -0.71 | 19.27 | <=38.45 | Pass |
| | | | 24 | 21.93 | -0.71 | 19.07 | <=38.45 | Pass |
| | | 12 | 0 | 21.46 | -0.71 | 18.60 | <=38.45 | Pass |
| | | | 6 | 21.72 | -0.71 | 18.86 | <=38.45 | Pass |
| | | | 13 | 21.68 | -0.71 | 18.82 | <=38.45 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 25 | 0 | 21.66 | -0.71 | 18.80 | <=38.45 | Pass |
| | 819 | 1 | 0 | 22.01 | -0.71 | 19.15 | <=38.45 | Pass |
| | | | 13 | 21.86 | -0.71 | 19.00 | <=38.45 | Pass |
| | | | 24 | 21.86 | -0.71 | 19.00 | <=38.45 | Pass |
| | | 12 | 0 | 21.64 | -0.71 | 18.78 | <=38.45 | Pass |
| | | | 6 | 21.46 | -0.71 | 18.60 | <=38.45 | Pass |
| | | | 13 | 21.45 | -0.71 | 18.59 | <=38.45 | Pass |
| | | 25 | 0 | 21.44 | -0.71 | 18.58 | <=38.45 | Pass |
| | 821.5 | 1 | 0 | 21.94 | -0.71 | 19.08 | <=38.45 | Pass |
| | | | 13 | 21.91 | -0.71 | 19.05 | <=38.45 | Pass |
| | | | 24 | 21.89 | -0.71 | 19.03 | <=38.45 | Pass |
| | | 12 | 0 | 21.54 | -0.71 | 18.68 | <=38.45 | Pass |
| | | | 6 | 21.48 | -0.71 | 18.62 | <=38.45 | Pass |
| | | | 13 | 21.47 | -0.71 | 18.61 | <=38.45 | Pass |
| | | 25 | 0 | 21.44 | -0.71 | 18.58 | <=38.45 | Pass |
| 16QAM | 816.5 | 1 | 0 | 20.68 | -0.71 | 17.82 | <=38.45 | Pass |
| | | | 13 | 21.69 | -0.71 | 18.83 | <=38.45 | Pass |
| | | | 24 | 21.50 | -0.71 | 18.64 | <=38.45 | Pass |
| | | 12 | 0 | 20.59 | -0.71 | 17.73 | <=38.45 | Pass |
| | | | 6 | 20.68 | -0.71 | 17.82 | <=38.45 | Pass |
| | | | 13 | 20.62 | -0.71 | 17.76 | <=38.45 | Pass |
| | | 25 | 0 | 20.72 | -0.71 | 17.86 | <=38.45 | Pass |
| | 819 | 1 | 0 | 21.74 | -0.71 | 18.88 | <=38.45 | Pass |
| | | | 13 | 20.52 | -0.71 | 17.66 | <=38.45 | Pass |
| | | | 24 | 21.40 | -0.71 | 18.54 | <=38.45 | Pass |
| | | 12 | 0 | 20.68 | -0.71 | 17.82 | <=38.45 | Pass |
| | | | 6 | 20.55 | -0.71 | 17.69 | <=38.45 | Pass |
| | | | 13 | 20.64 | -0.71 | 17.78 | <=38.45 | Pass |
| | | 25 | 0 | 20.64 | -0.71 | 17.78 | <=38.45 | Pass |
| | 821.5 | 1 | 0 | 21.48 | -0.71 | 18.62 | <=38.45 | Pass |
| | | | 13 | 21.51 | -0.71 | 18.65 | <=38.45 | Pass |
| | | | 24 | 20.61 | -0.71 | 17.75 | <=38.45 | Pass |
| | | 12 | 0 | 20.58 | -0.71 | 17.72 | <=38.45 | Pass |
| | | | 6 | 20.53 | -0.71 | 17.67 | <=38.45 | Pass |
| | | | 13 | 20.59 | -0.71 | 17.73 | <=38.45 | Pass |
| | | 25 | 0 | 20.60 | -0.71 | 17.74 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

## 1.1.4 B26a_10MHz_ERP

| Band: 26a / Bandwidth: 10MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 819 | 1 | 0 | 21.97 | -0.71 | 19.11 | <=38.45 | Pass |
| | | | 25 | 21.88 | -0.71 | 19.02 | <=38.45 | Pass |
| | | | 49 | 21.91 | -0.71 | 19.05 | <=38.45 | Pass |
| | | 25 | 0 | 21.57 | -0.71 | 18.71 | <=38.45 | Pass |
| | | | 13 | 21.37 | -0.71 | 18.51 | <=38.45 | Pass |
| | | | 25 | 21.46 | -0.71 | 18.60 | <=38.45 | Pass |
| | | 50 | 0 | 21.43 | -0.71 | 18.57 | <=38.45 | Pass |
| 16QAM | 819 | 1 | 0 | 20.82 | -0.71 | 17.96 | <=38.45 | Pass |
| | | | 25 | 21.57 | -0.71 | 18.71 | <=38.45 | Pass |
| | | | 49 | 21.57 | -0.71 | 18.71 | <=38.45 | Pass |
| | | 25 | 0 | 20.72 | -0.71 | 17.86 | <=38.45 | Pass |
| | | | 13 | 20.65 | -0.71 | 17.79 | <=38.45 | Pass |
| | | | 25 | 20.59 | -0.71 | 17.73 | <=38.45 | Pass |
| | | 50 | 0 | 20.63 | -0.71 | 17.77 | <=38.45 | Pass |

Note1: ERP=Conducted Power+Antenna Gain-2.15

# 2. Frequency Stability

## 2.1 Test Result

### 2.1.1 B26a_1.4MHz

| Band: 26a / Bandwidth: 1.4MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 814.7 | 6 | 0 | 20 | 3.27 | 17.352 | 0.0213 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -40.240 | -0.0494 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -41.499 | -0.0509 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -18.725 | -0.0230 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -42.930 | -0.0527 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -6.523 | -0.0080 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -14.277 | -0.0175 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -25.005 | -0.0307 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -37.208 | -0.0457 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -42.443 | -0.0521 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 4.206 | 0.0052 | -2.5 to 2.5 | Pass |
| | 819 | 6 | 0 | 20 | 3.27 | 12.960 | 0.0158 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 12.517 | 0.0153 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 3.505 | 0.0043 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -0.401 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -4.849 | -0.0059 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -10.357 | -0.0126 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -15.035 | -0.0184 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -13.890 | -0.0170 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -13.375 | -0.0163 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -17.481 | -0.0213 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -19.112 | -0.0233 | -2.5 to 2.5 | Pass |
| | 823.3 | 6 | 0 | 20 | 3.27 | 15.893 | 0.0193 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 14.577 | 0.0177 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 4.778 | 0.0058 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.386 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -5.879 | -0.0071 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -9.913 | -0.0120 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -12.946 | -0.0157 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -14.663 | -0.0178 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -19.341 | -0.0235 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -14.992 | -0.0182 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -16.623 | -0.0202 | -2.5 to 2.5 | Pass |
| 16QAM | 814.7 | 6 | 0 | 20 | 3.27 | 9.284 | 0.0114 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 4.764 | 0.0058 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -0.172 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -4.449 | -0.0055 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -8.569 | -0.0105 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -13.518 | -0.0166 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -14.477 | -0.0178 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -18.482 | -0.0227 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -19.827 | -0.0243 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -18.425 | -0.0226 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -23.189 | -0.0285 | -2.5 to 2.5 | Pass |
| | 819 | 6 | 0 | 20 | 3.27 | 17.352 | 0.0212 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 3.85 | 22.588 | 0.0276 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 23.131 | 0.0282 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 23.646 | 0.0289 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 21.029 | 0.0257 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 21.958 | 0.0268 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 22.144 | 0.0270 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 21.358 | 0.0261 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 22.073 | 0.0270 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 20.442 | 0.0250 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 21.329 | 0.0260 | -2.5 to 2.5 | Pass |
| | 823.3 | 6 | 0 | 20 | 3.27 | 17.796 | 0.0216 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 32.401 | 0.0394 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 42.214 | 0.0513 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.257 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 6.380 | 0.0077 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 10.886 | 0.0132 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 14.720 | 0.0179 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 15.707 | 0.0191 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 16.537 | 0.0201 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 16.994 | 0.0206 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 20.213 | 0.0246 | -2.5 to 2.5 | Pass |

## 2.1.2 B26a_3MHz

| Band: 26a / Bandwidth: 3MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 815.5 | 15 | 0 | 20 | 3.27 | 7.210 | 0.0088 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -11.616 | -0.0142 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -4.249 | -0.0052 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.343 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -31.972 | -0.0392 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -6.266 | -0.0077 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -19.627 | -0.0241 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -31.986 | -0.0392 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -43.116 | -0.0529 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -3.562 | -0.0044 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -11.001 | -0.0135 | -2.5 to 2.5 | Pass |
| | 819 | 15 | 0 | 20 | 3.27 | 14.434 | 0.0176 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 12.116 | 0.0148 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 4.191 | 0.0051 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.544 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -1.945 | -0.0024 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -4.721 | -0.0058 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -4.277 | -0.0052 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -4.992 | -0.0061 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -3.862 | -0.0047 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -3.319 | -0.0041 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -6.008 | -0.0073 | -2.5 to 2.5 | Pass |
| | 822.5 | 15 | 0 | 20 | 3.27 | 14.405 | 0.0175 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 8.483 | 0.0103 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -0.415 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -4.435 | -0.0054 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -8.211 | -0.0100 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -12.360 | -0.0150 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -13.804 | -0.0168 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -14.577 | -0.0177 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 30 | 3.85 | -17.567 | -0.0214 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -18.783 | -0.0228 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -18.754 | -0.0228 | -2.5 to 2.5 | Pass |
| 16QAM | 815.5 | 15 | 0 | 20 | 3.27 | 12.259 | 0.0150 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 12.388 | 0.0152 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 9.613 | 0.0118 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 8.569 | 0.0105 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 5.865 | 0.0072 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 5.693 | 0.0070 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 4.535 | 0.0056 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.074 | 0.0025 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 0.744 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 0.744 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.215 | 0.0003 | -2.5 to 2.5 | Pass |
| | 819 | 15 | 0 | 20 | 3.27 | 22.631 | 0.0276 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 29.683 | 0.0362 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 26.178 | 0.0320 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 23.246 | 0.0284 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 24.834 | 0.0303 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 26.007 | 0.0318 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 26.464 | 0.0323 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 26.565 | 0.0324 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 29.898 | 0.0365 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 28.195 | 0.0344 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 30.727 | 0.0375 | -2.5 to 2.5 | Pass |
| | 822.5 | 15 | 0 | 20 | 3.27 | 20.614 | 0.0251 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 34.204 | 0.0416 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 43.988 | 0.0535 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 4.606 | 0.0056 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 11.086 | 0.0135 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 15.979 | 0.0194 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 18.654 | 0.0227 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 23.503 | 0.0286 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 25.792 | 0.0314 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 28.167 | 0.0342 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 31.729 | 0.0386 | -2.5 to 2.5 | Pass |

## 2.1.3 B26a_5MHz

| Band: 26a / Bandwidth: 5MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 816.5 | 25 | 0 | 20 | 3.27 | -1.745 | -0.0021 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -14.334 | -0.0176 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -18.110 | -0.0222 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -20.485 | -0.0251 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -2.775 | -0.0034 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -27.680 | -0.0339 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -23.932 | -0.0293 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -11.015 | -0.0135 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -18.868 | -0.0231 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -26.422 | -0.0324 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -31.157 | -0.0382 | -2.5 to 2.5 | Pass |
| | 819 | 25 | 0 | 20 | 3.27 | 17.681 | 0.0216 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 12.546 | 0.0153 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 6.795 | 0.0083 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.529 | 0.0006 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -20 | 3.85 | -3.033 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -5.393 | -0.0066 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -7.124 | -0.0087 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -10.600 | -0.0129 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -10.543 | -0.0129 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -11.029 | -0.0135 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -11.859 | -0.0145 | -2.5 to 2.5 | Pass |
| | 821.5 | 25 | 0 | 20 | 3.27 | 12.360 | 0.0150 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 7.567 | 0.0092 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -4.005 | -0.0049 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -12.732 | -0.0155 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -15.893 | -0.0193 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -21.958 | -0.0267 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -23.561 | -0.0287 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -26.550 | -0.0323 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -27.938 | -0.0340 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -29.454 | -0.0359 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -31.228 | -0.0380 | -2.5 to 2.5 | Pass |
| 16QAM | 816.5 | 25 | 0 | 20 | 3.27 | 16.780 | 0.0206 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 17.424 | 0.0213 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 14.362 | 0.0176 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 12.603 | 0.0154 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 11.945 | 0.0146 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 11.945 | 0.0146 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 13.447 | 0.0165 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 11.344 | 0.0139 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 13.232 | 0.0162 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 9.055 | 0.0111 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 10.042 | 0.0123 | -2.5 to 2.5 | Pass |
| | 819 | 25 | 0 | 20 | 3.27 | 20.528 | 0.0251 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 29.783 | 0.0364 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 30.670 | 0.0374 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 32.787 | 0.0400 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 34.976 | 0.0427 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 34.819 | 0.0425 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 37.322 | 0.0456 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 35.491 | 0.0433 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 34.761 | 0.0424 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 36.364 | 0.0444 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 36.278 | 0.0443 | -2.5 to 2.5 | Pass |
| | 821.5 | 25 | 0 | 20 | 3.27 | 24.619 | 0.0300 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 38.724 | 0.0471 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 0.358 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 8.783 | 0.0107 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 13.318 | 0.0162 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 19.827 | 0.0241 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 24.118 | 0.0294 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 29.554 | 0.0360 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 32.101 | 0.0391 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 36.149 | 0.0440 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 36.893 | 0.0449 | -2.5 to 2.5 | Pass |

## 2.1.4 B26a_10MHz

| Band: 26a / Bandwidth: 10MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| QPSK | 819 | 50 | 0 | 20 | 3.27 | 16.122 | 0.0197 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 7.610 | 0.0093 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -4.063 | -0.0050 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -11.044 | -0.0135 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -16.065 | -0.0196 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -18.396 | -0.0225 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -21.572 | -0.0263 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -25.263 | -0.0308 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -26.565 | -0.0324 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -28.853 | -0.0352 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -30.684 | -0.0375 | -2.5 to 2.5 | Pass |
| 16QAM | 819 | 50 | 0 | 20 | 3.27 | 18.983 | 0.0232 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 22.831 | 0.0279 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 24.405 | 0.0298 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 26.894 | 0.0328 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 26.693 | 0.0326 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 26.336 | 0.0322 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 31.571 | 0.0385 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 29.969 | 0.0366 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 30.184 | 0.0369 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 25.520 | 0.0312 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 26.250 | 0.0321 | -2.5 to 2.5 | Pass |

# 3. Modulation Characteristics

## 3.1 Test Result

### 3.1.1 B26a_1.4MHz

| Band: 26a / Bandwidth: 1.4MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 819 | 6 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 819 | 6 | 0 | Refer To Test Graph | | Pass |

### 3.1.2 B26a_3MHz

| Band: 26a / Bandwidth: 3MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 819 | 15 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 819 | 15 | 0 | Refer To Test Graph | | Pass |

### 3.1.3 B26a_5MHz

| Band: 26a / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 819 | 25 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 819 | 25 | 0 | Refer To Test Graph | | Pass |

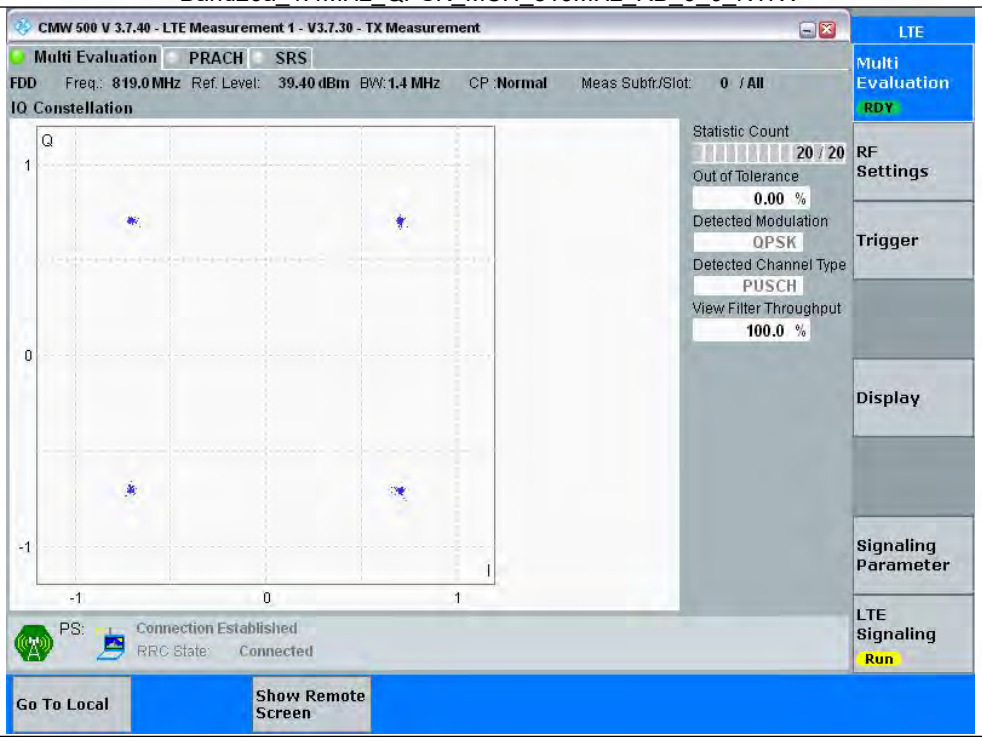
### 3.1.4 B26a_10MHz

| Band: 26a / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 819 | 50 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 819 | 50 | 0 | Refer To Test Graph | | Pass |

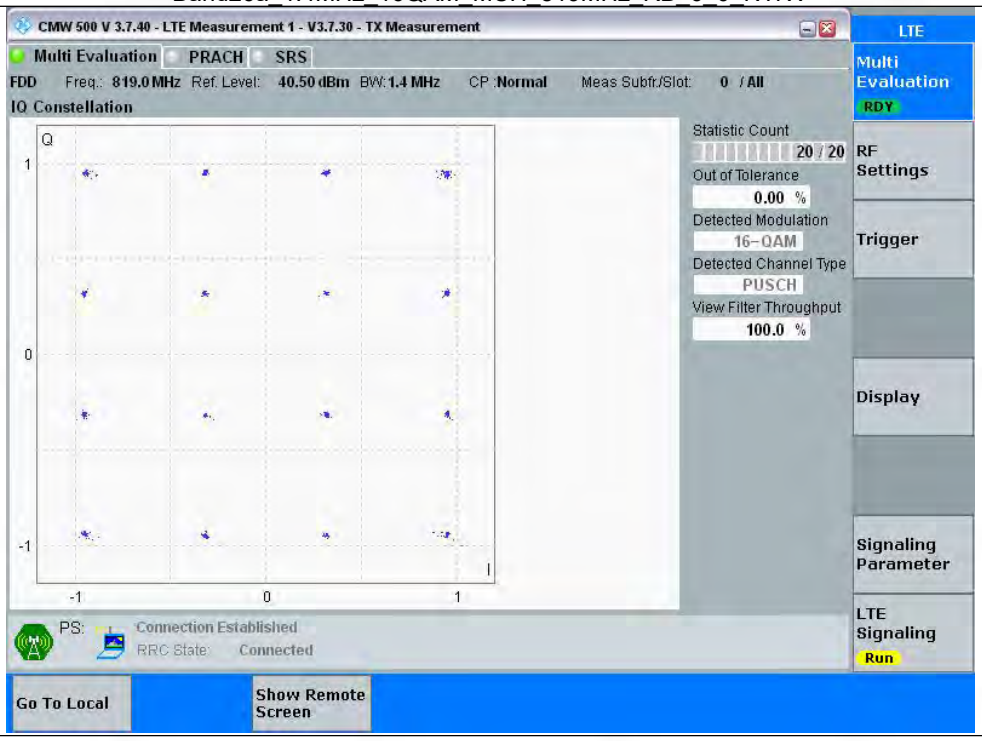
## 3.2 Test Graph

### 3.2.1 B26a_1.4MHz

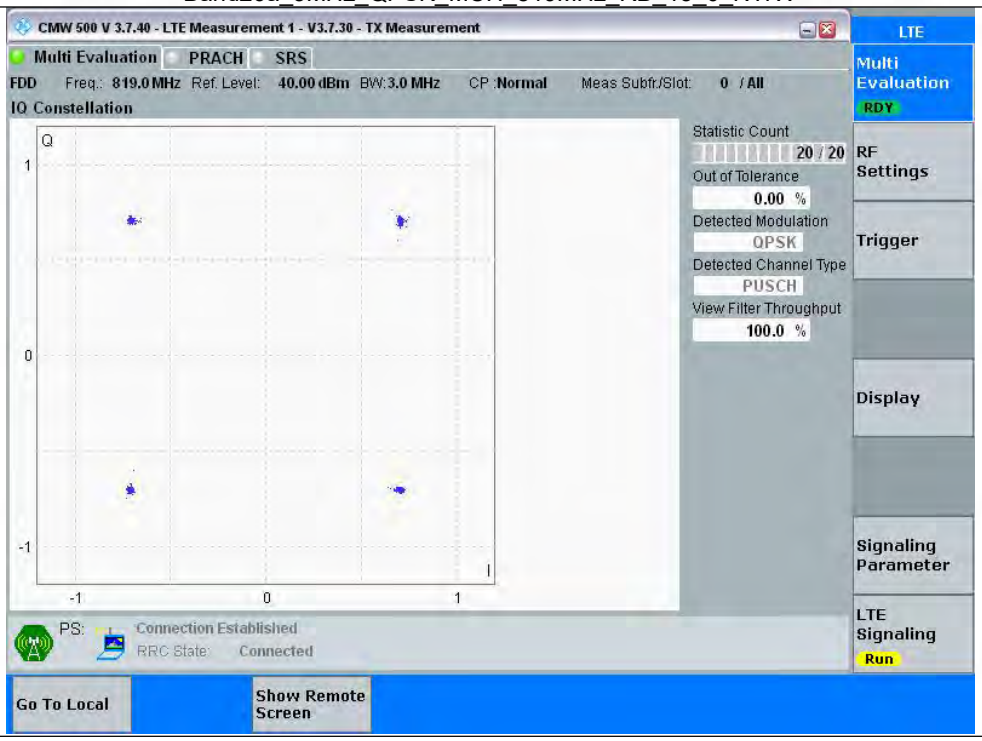
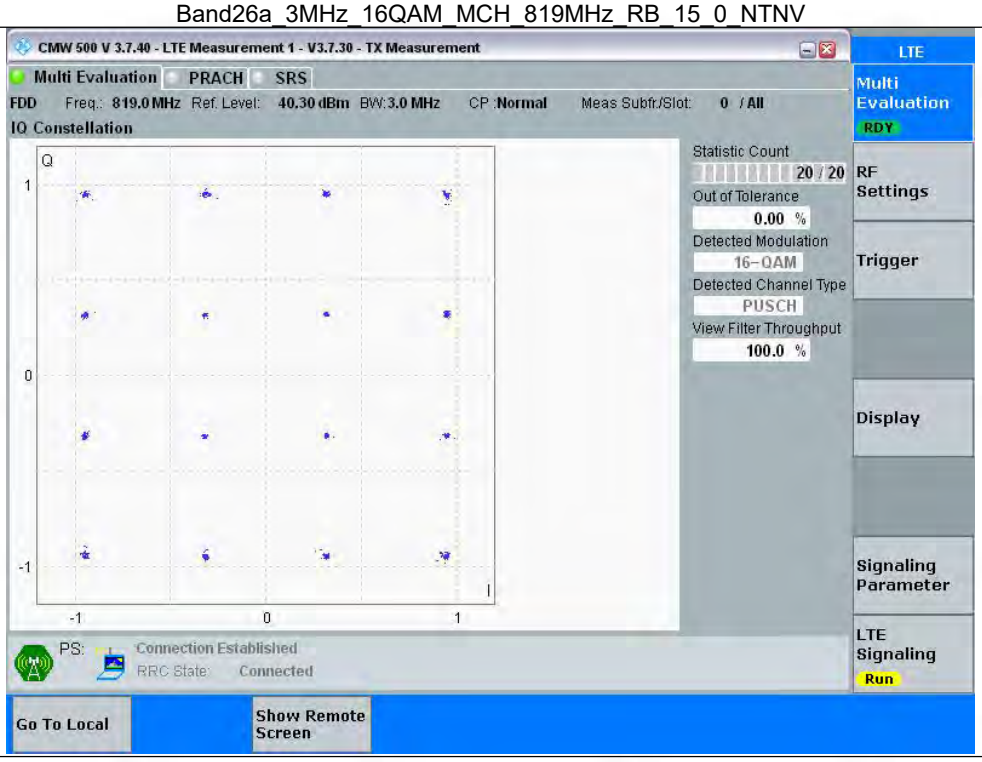
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV




Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV

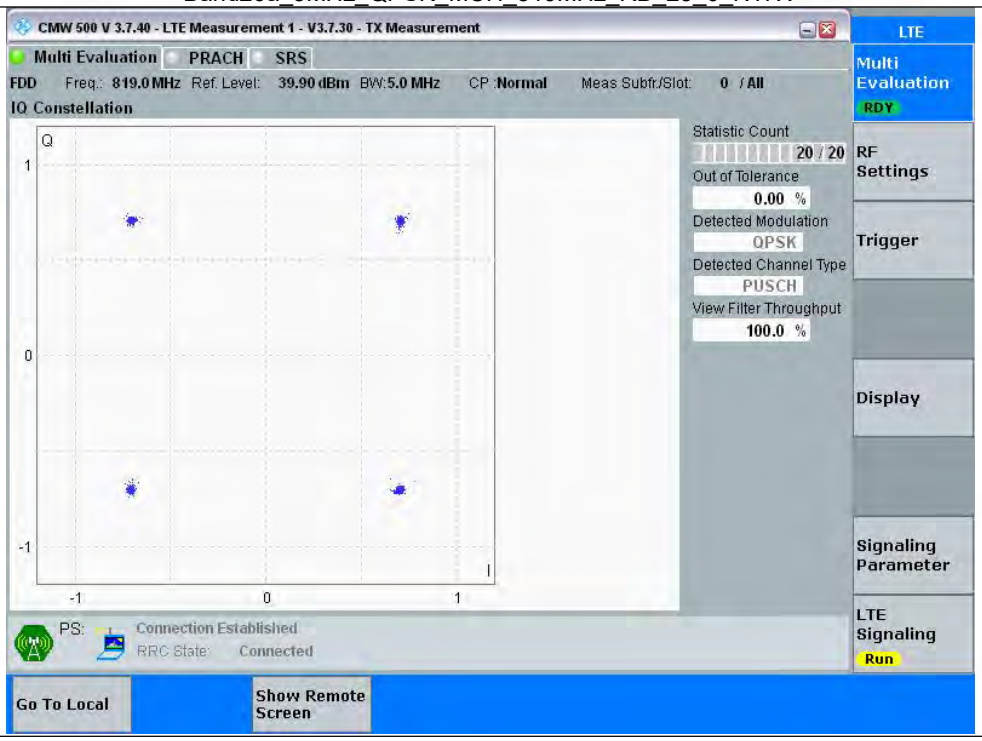


### 3.2.2 B26a_3MHz

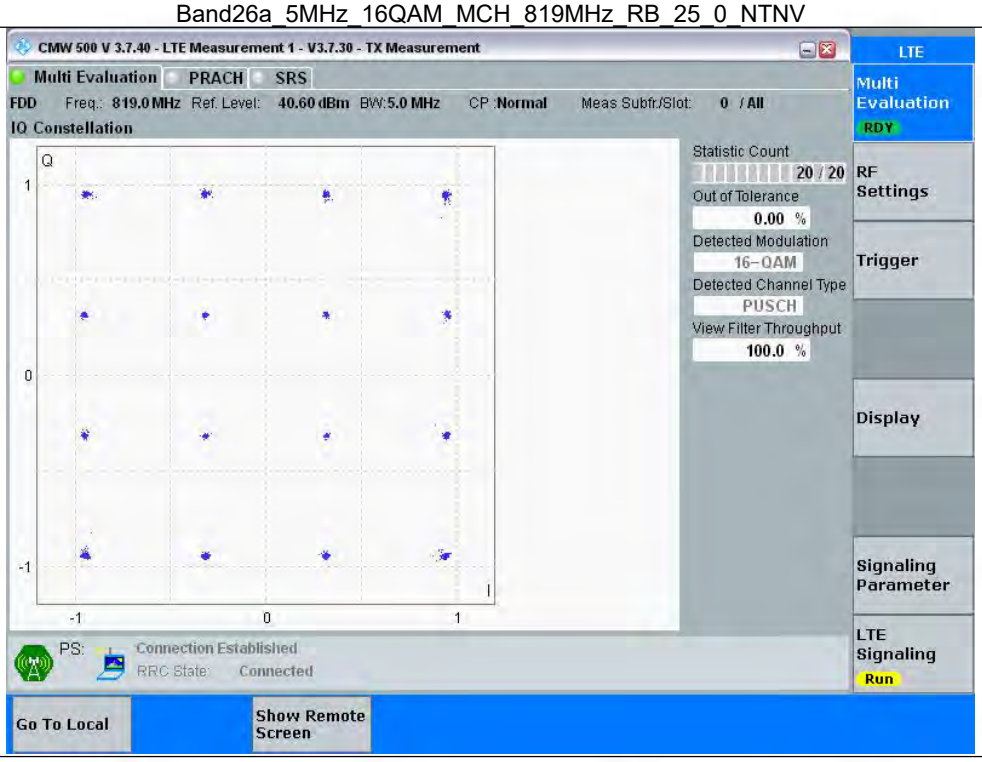
| Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV |
| --- |
|  |
| Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV |
|  |

### 3.2.3 B26a_5MHz

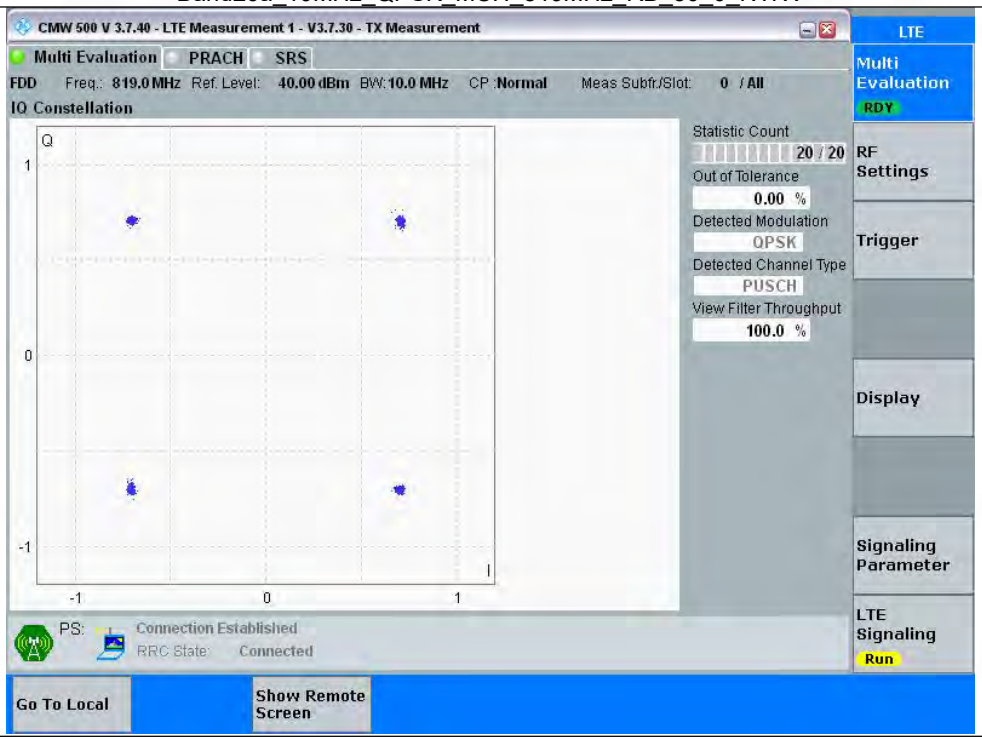
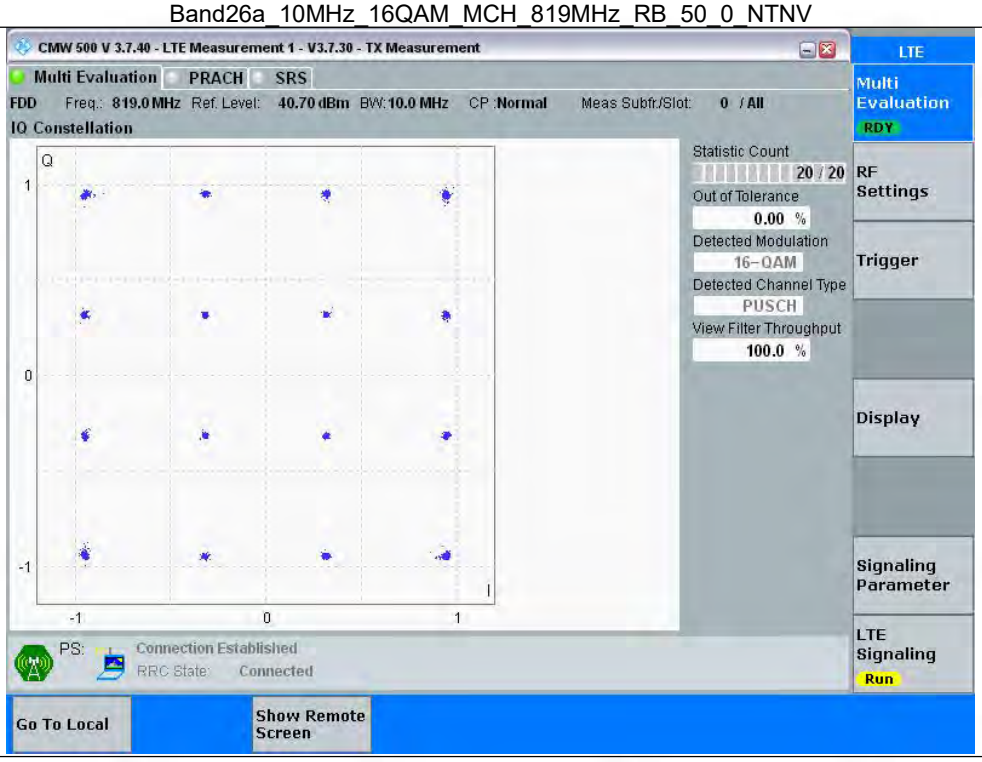
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV




Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



### 3.2.4 B26a_10MHz

| Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV |
| --- |
|  |
| Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV |
|  |

# 4. 99% & 26dB Bandwidth

## 4.1 Test Result

### 4.1.1 Band26a_OBW

| Band: 26a / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 1.4 | QPSK | 814.7 | 6 | 0 | 1.120 | / | Pass |
| | | 819 | 6 | 0 | 1.111 | / | Pass |
| | | 823.3 | 6 | 0 | 1.111 | / | Pass |
| | 16QAM | 814.7 | 6 | 0 | 1.111 | / | Pass |
| | | 819 | 6 | 0 | 1.121 | / | Pass |
| | | 823.3 | 6 | 0 | 1.114 | / | Pass |
| 3 | QPSK | 815.5 | 15 | 0 | 2.759 | / | Pass |
| | | 819 | 15 | 0 | 2.775 | / | Pass |
| | | 822.5 | 15 | 0 | 2.764 | / | Pass |
| | 16QAM | 815.5 | 15 | 0 | 2.772 | / | Pass |
| | | 819 | 15 | 0 | 2.753 | / | Pass |
| | | 822.5 | 15 | 0 | 2.740 | / | Pass |
| 5 | QPSK | 816.5 | 25 | 0 | 4.541 | / | Pass |
| | | 819 | 25 | 0 | 4.553 | / | Pass |
| | | 821.5 | 25 | 0 | 4.562 | / | Pass |
| | 16QAM | 816.5 | 25 | 0 | 4.562 | / | Pass |
| | | 819 | 25 | 0 | 4.541 | / | Pass |
| | | 821.5 | 25 | 0 | 4.562 | / | Pass |
| 10 | QPSK | 819 | 50 | 0 | 9.045 | / | Pass |
| | 16QAM | 819 | 50 | 0 | 9.049 | / | Pass |

### 4.1.2 Band26a_XDB

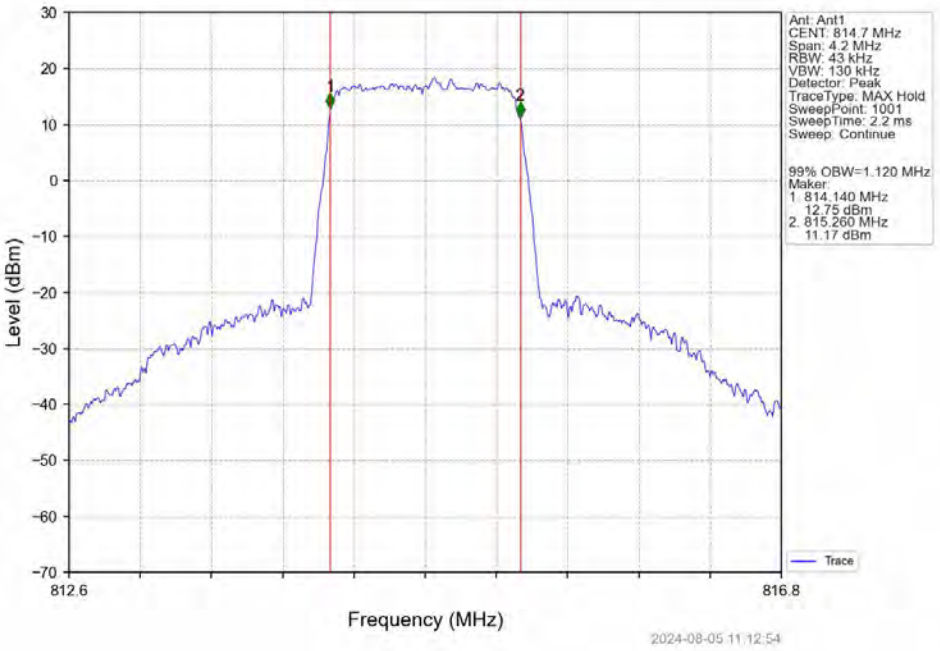
| Band: 26a / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 1.4 | QPSK | 814.7 | 6 | 0 | 1.271 | / | Pass |
| | | 819 | 6 | 0 | 1.274 | / | Pass |
| | | 823.3 | 6 | 0 | 1.271 | / | Pass |
| | 16QAM | 814.7 | 6 | 0 | 1.271 | / | Pass |
| | | 819 | 6 | 0 | 1.290 | / | Pass |
| | | 823.3 | 6 | 0 | 1.280 | / | Pass |
| 3 | QPSK | 815.5 | 15 | 0 | 3.089 | / | Pass |
| | | 819 | 15 | 0 | 3.108 | / | Pass |
| | | 822.5 | 15 | 0 | 3.087 | / | Pass |
| | 16QAM | 815.5 | 15 | 0 | 3.108 | / | Pass |
| | | 819 | 15 | 0 | 3.098 | / | Pass |
| | | 822.5 | 15 | 0 | 3.108 | / | Pass |
| 5 | QPSK | 816.5 | 25 | 0 | 5.059 | / | Pass |
| | | 819 | 25 | 0 | 5.046 | / | Pass |
| | | 821.5 | 25 | 0 | 5.043 | / | Pass |
| | 16QAM | 816.5 | 25 | 0 | 5.020 | / | Pass |
| | | 819 | 25 | 0 | 5.076 | / | Pass |
| | | 821.5 | 25 | 0 | 5.069 | / | Pass |
| 10 | QPSK | 819 | 50 | 0 | 10.052 | / | Pass |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 16QAM | 819 | 50 | 0 | 10.027 | / | Pass |

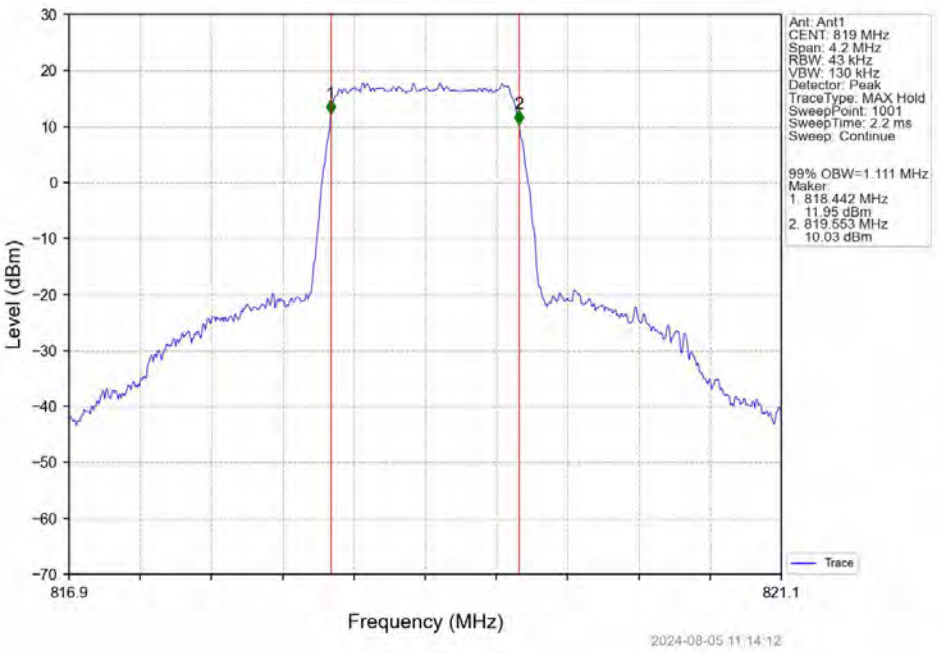
## 4.2 Test Graph

### 4.2.1 Band26a_OBW

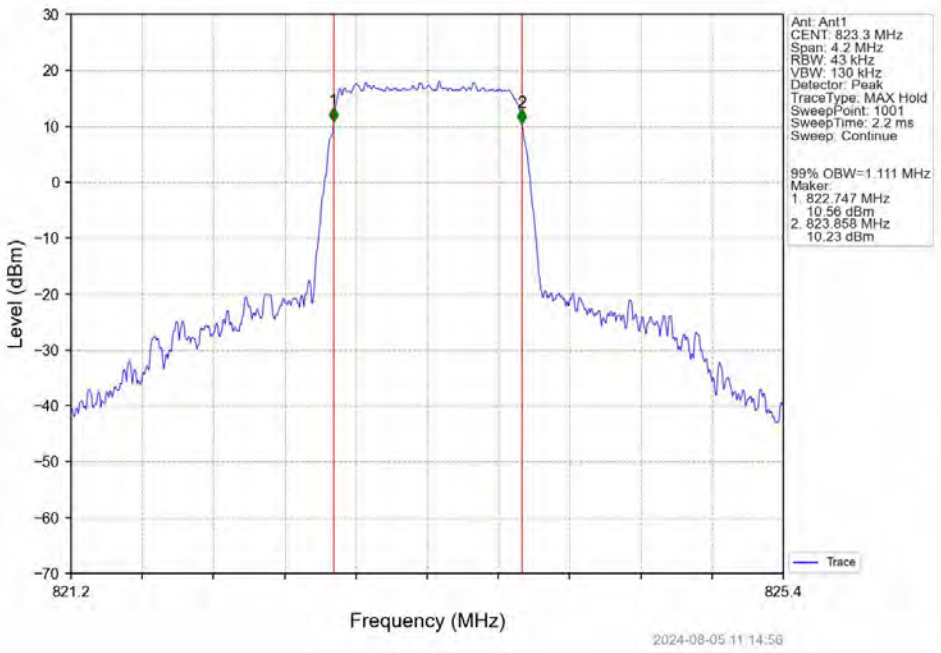
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



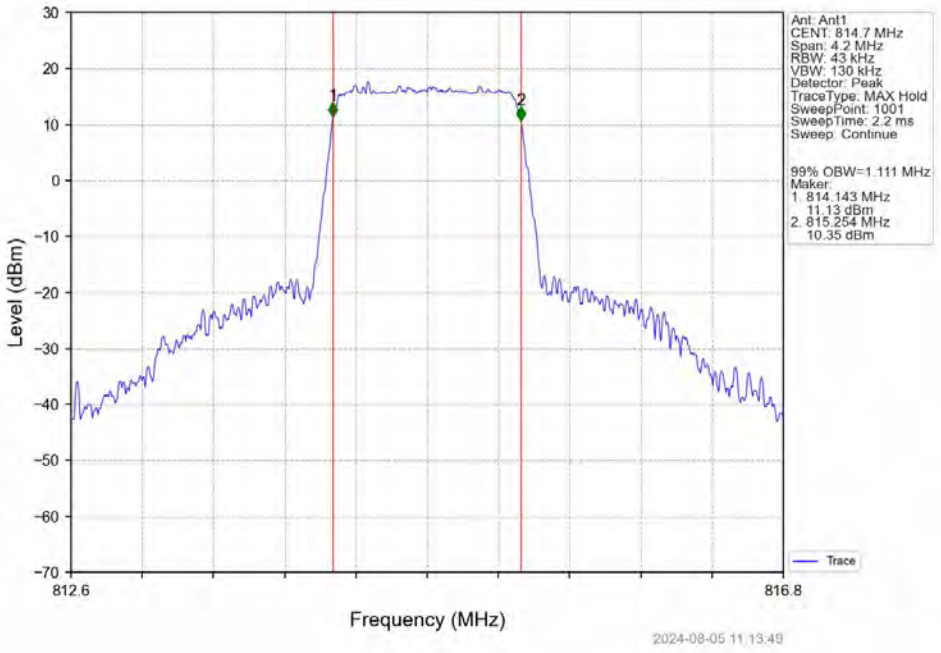

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



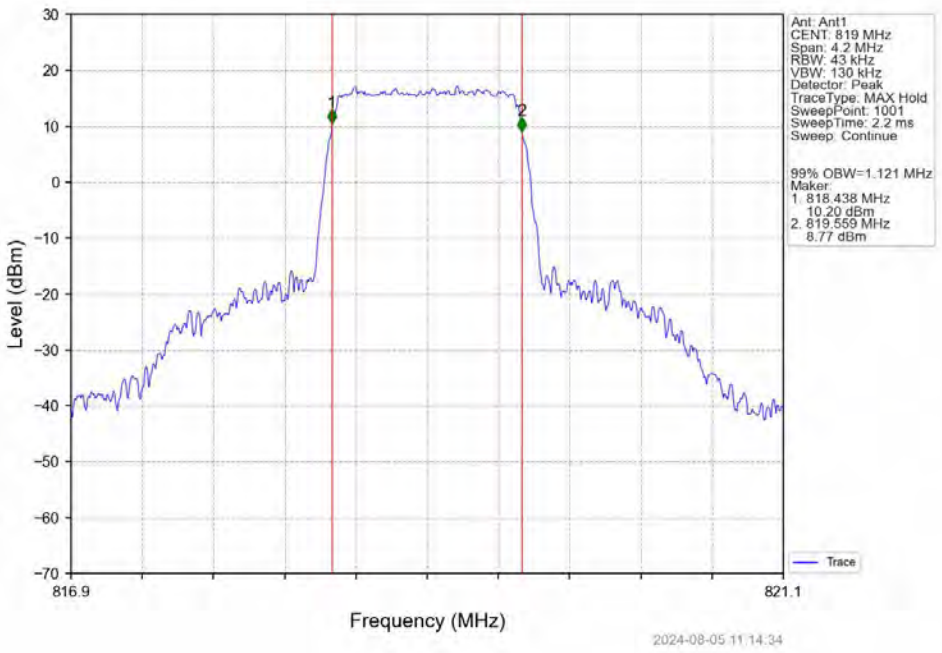
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



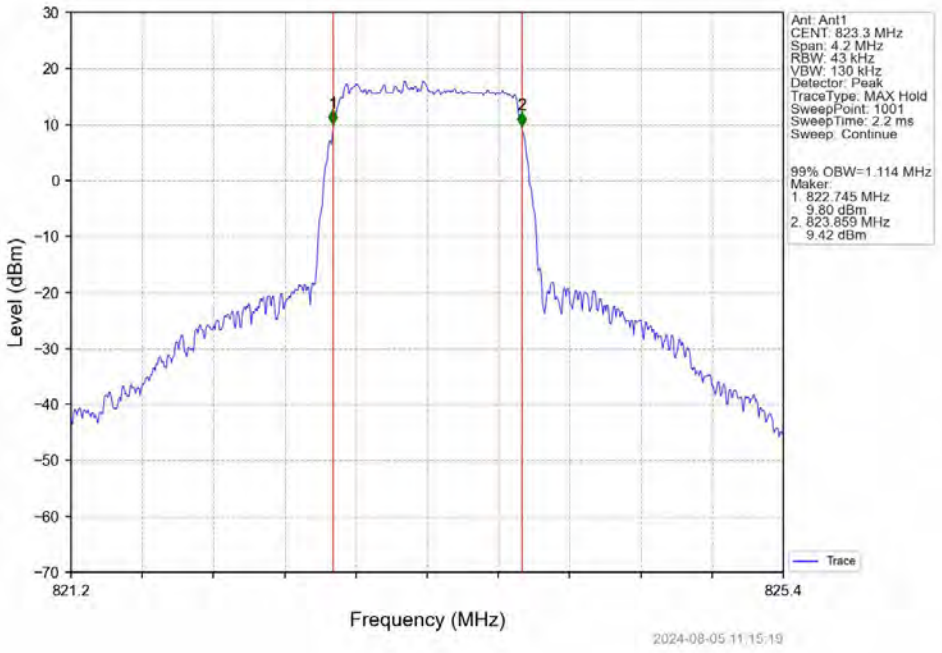

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



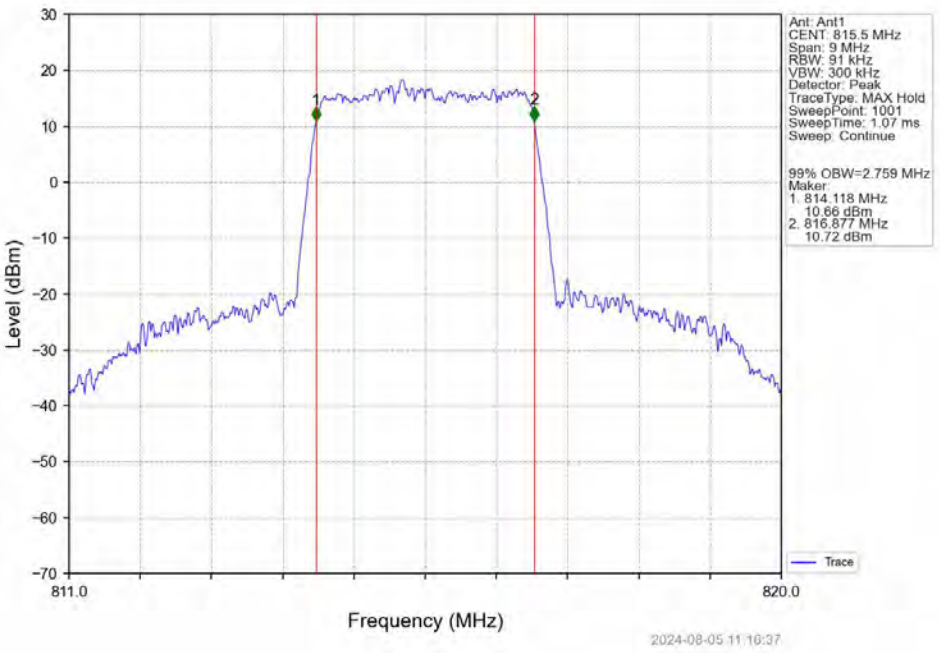
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



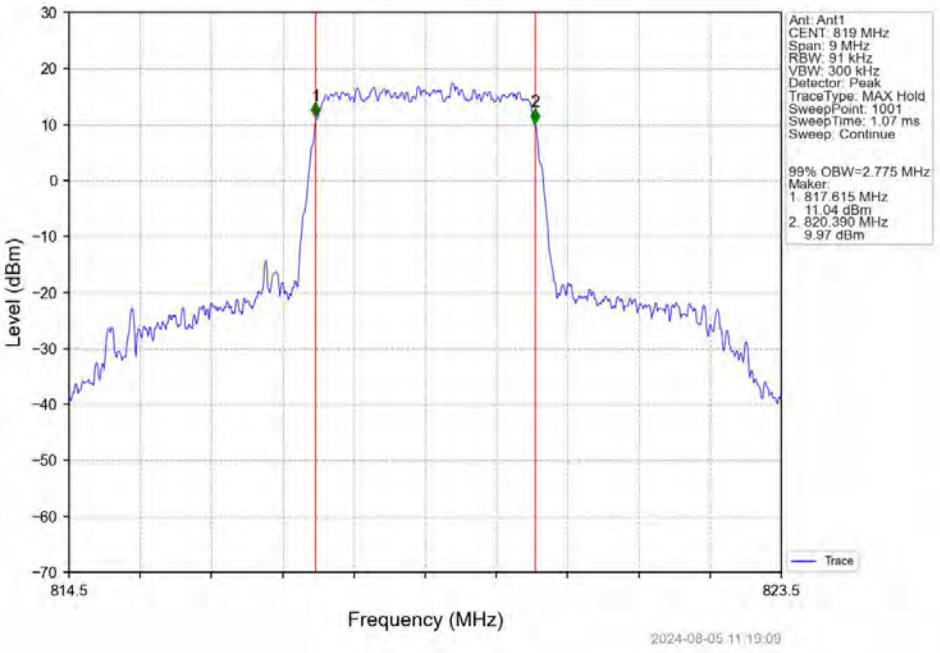

Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



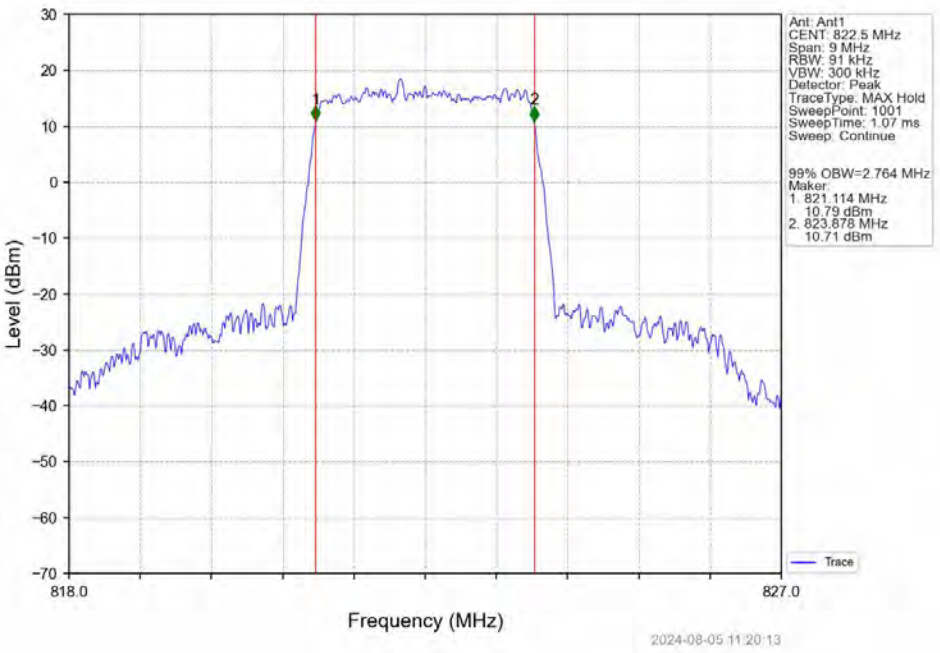
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



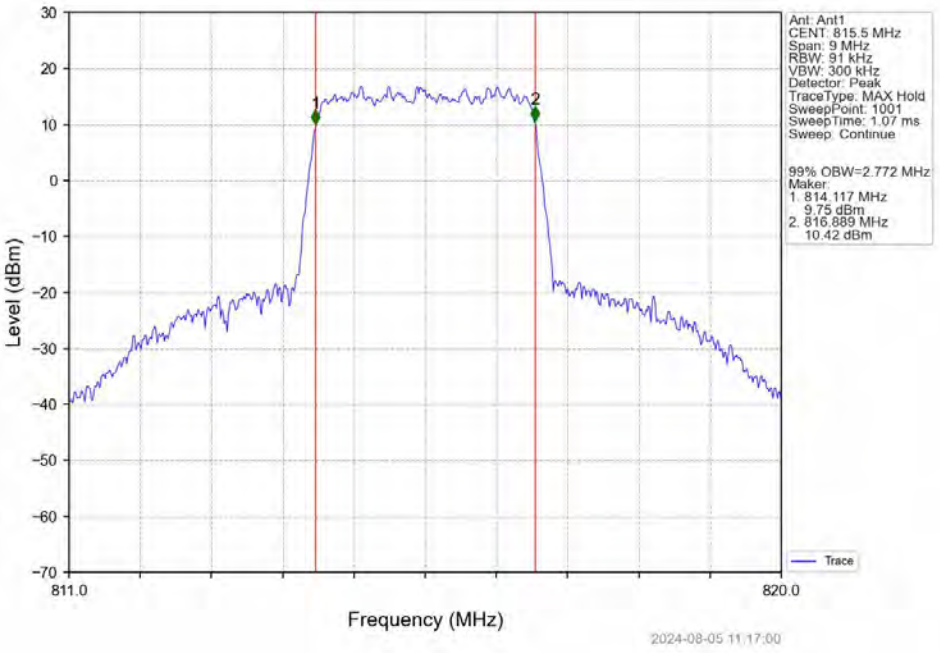

Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



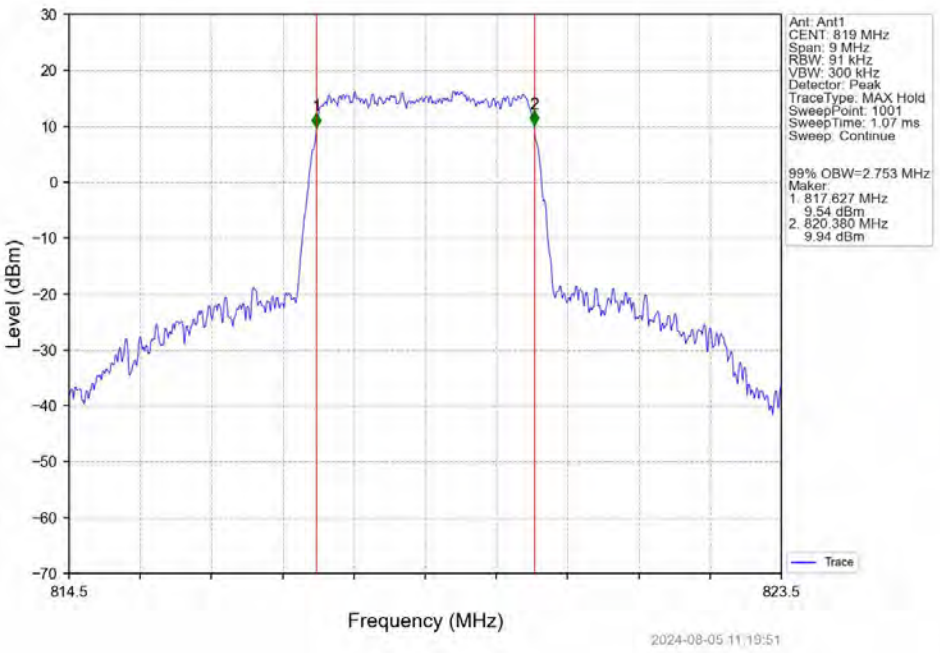
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



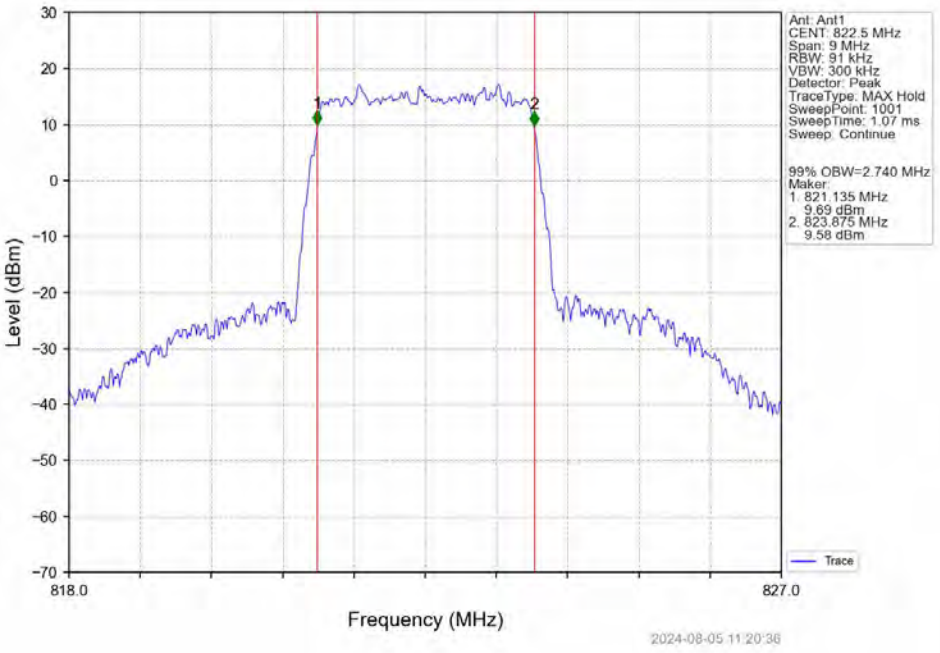

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



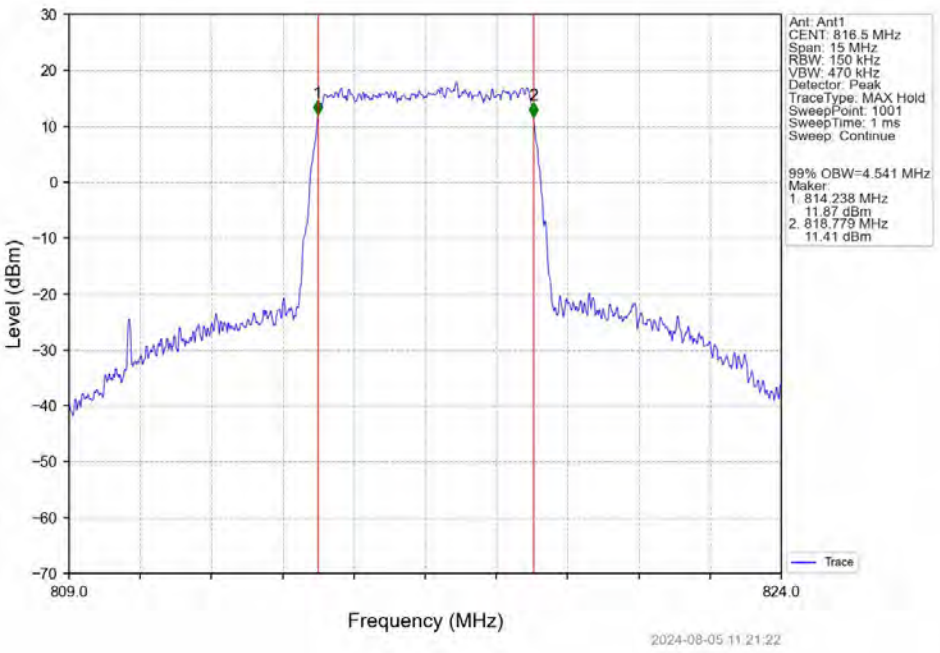
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



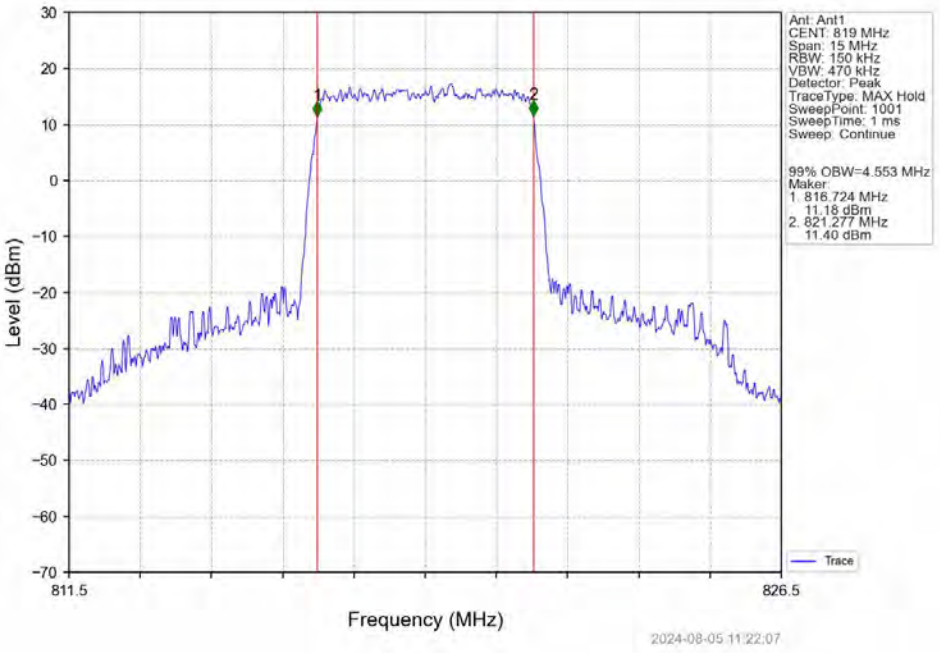

Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



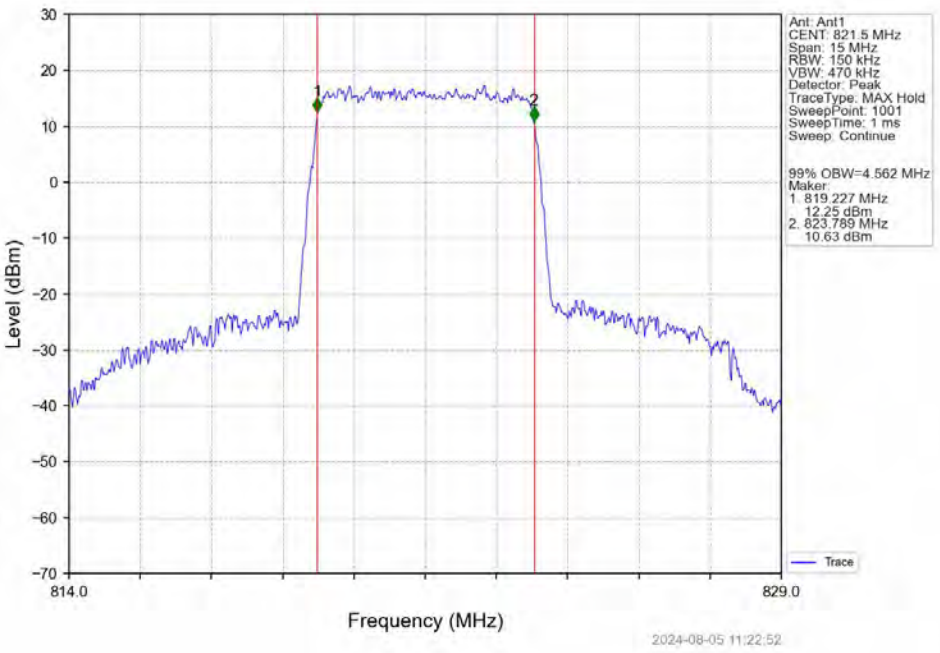
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



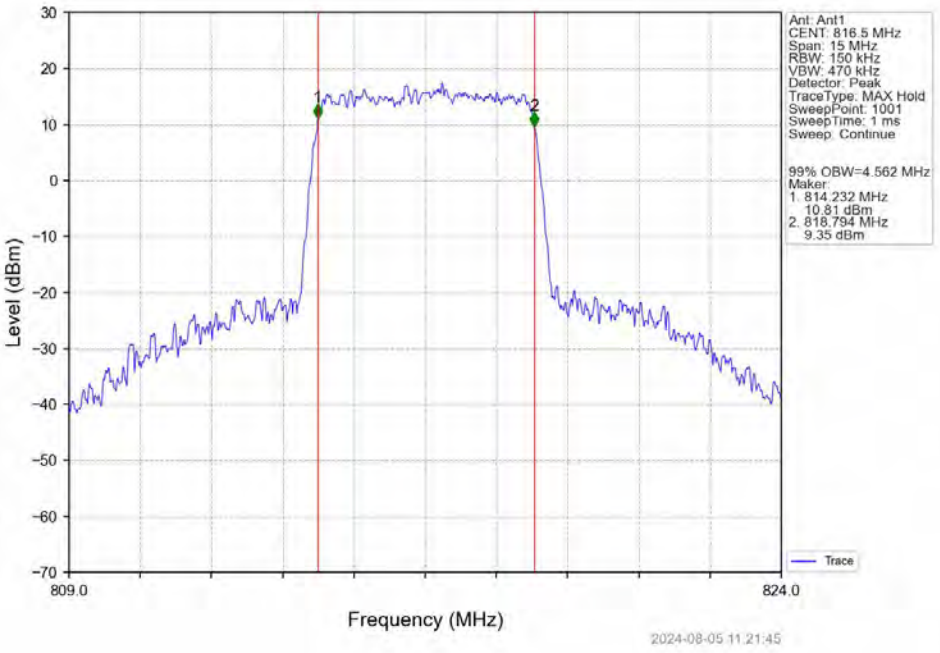

Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



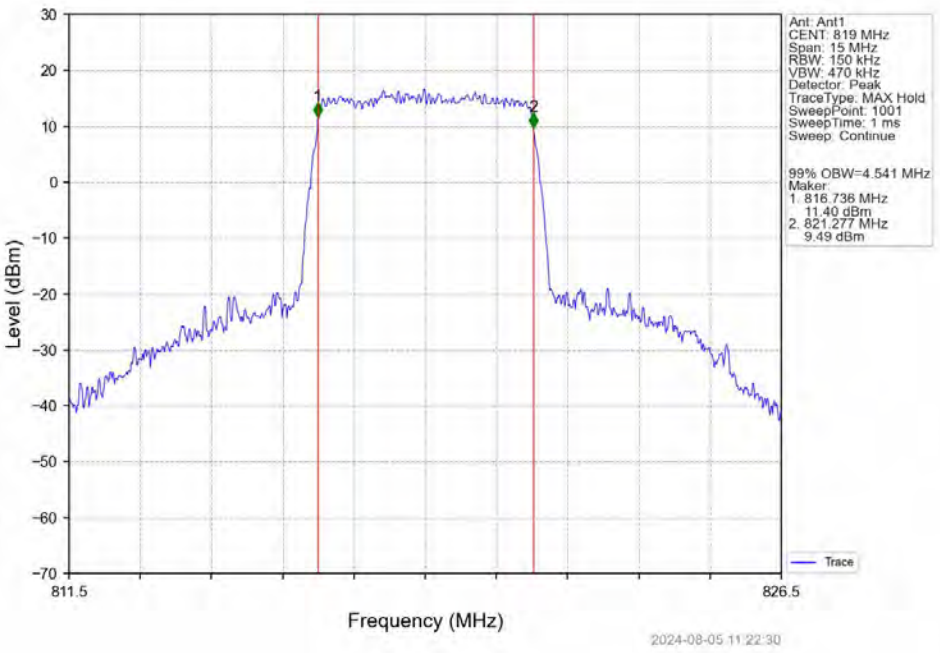
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



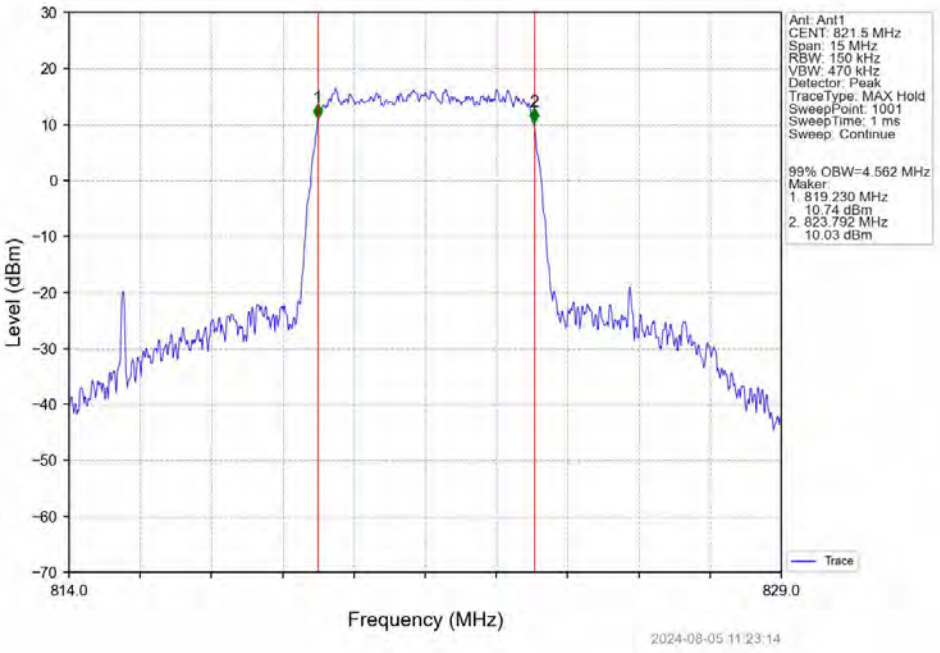

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



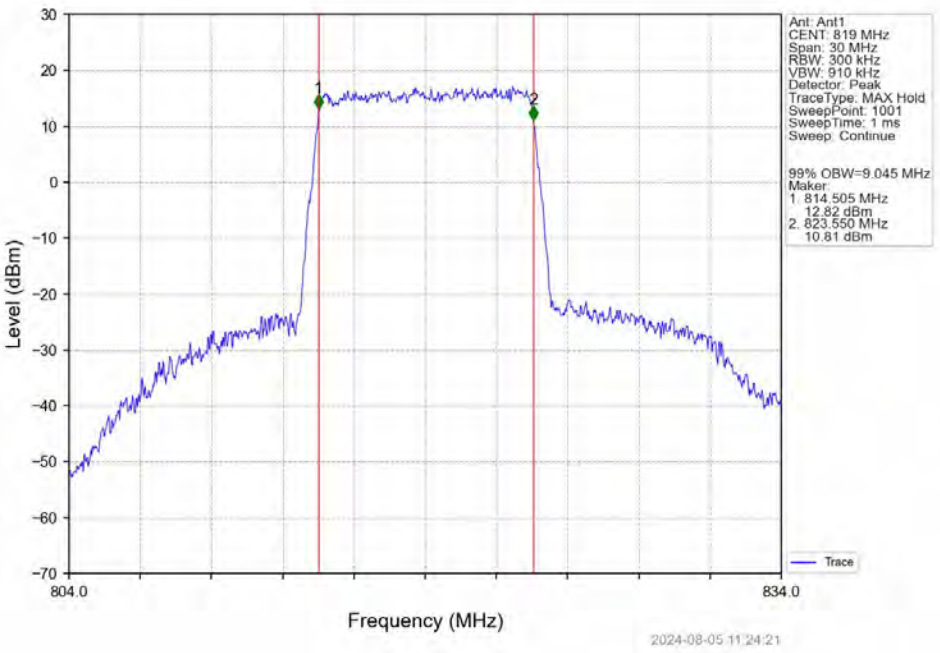
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



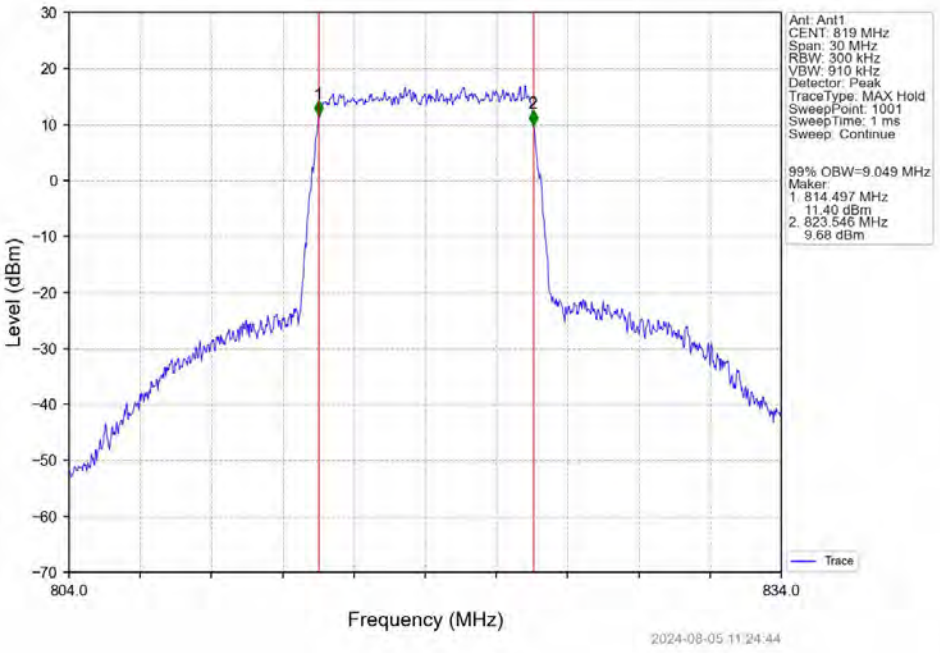

Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV

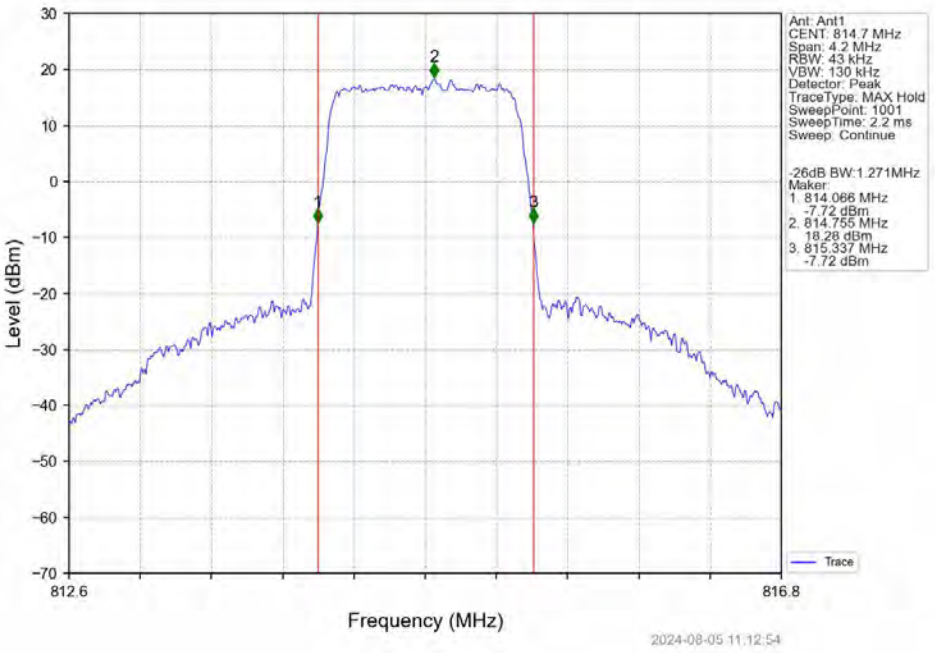



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV

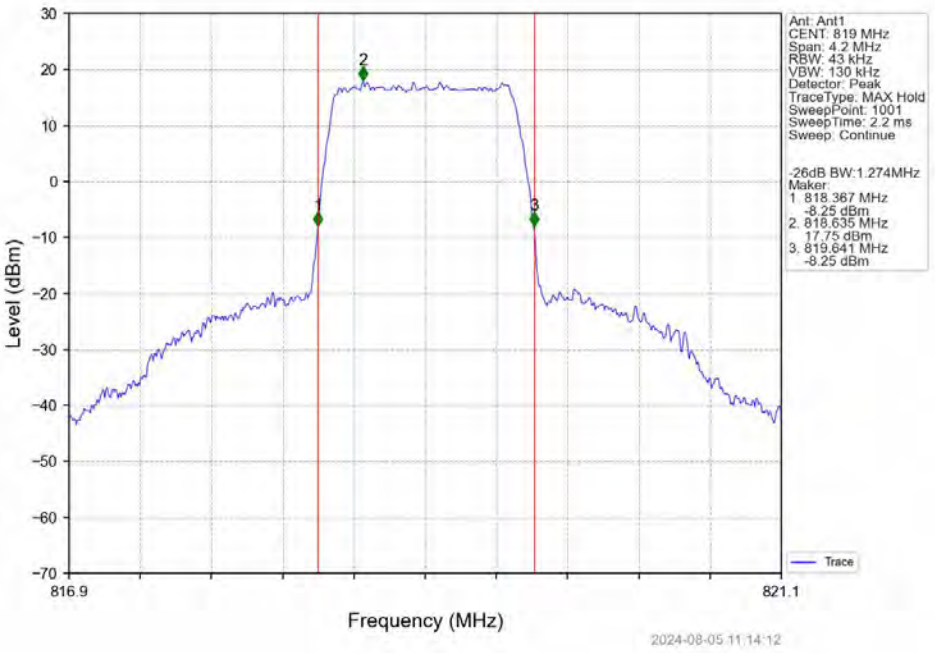


## 4.2.2 Band26a_XDB

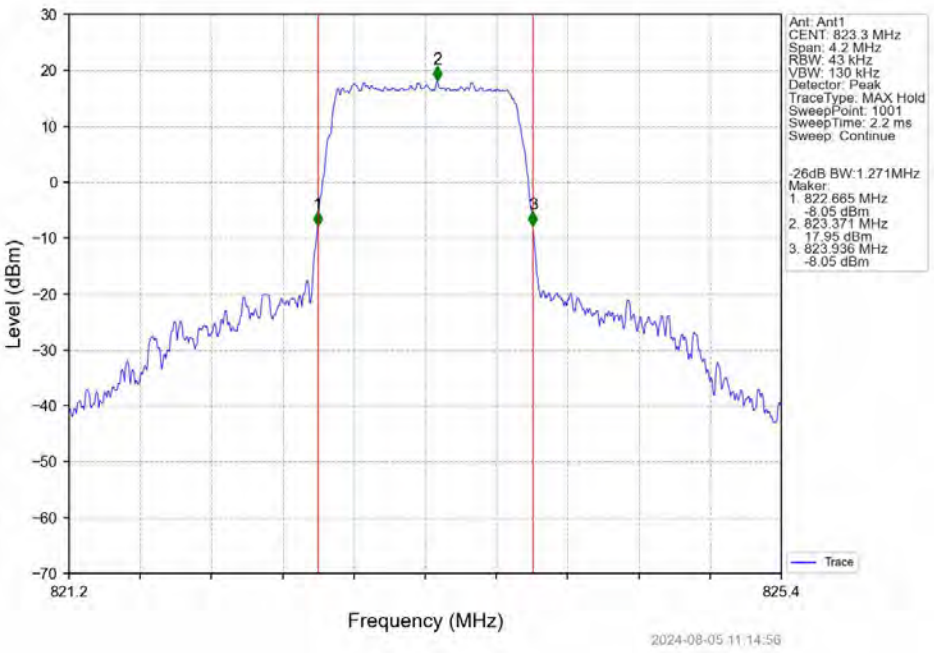
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



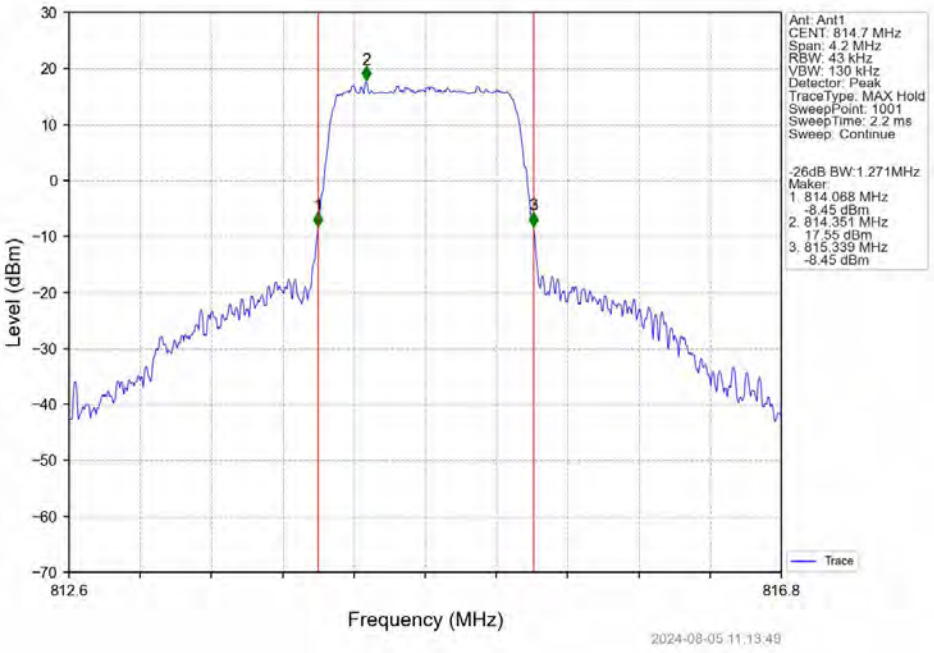

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



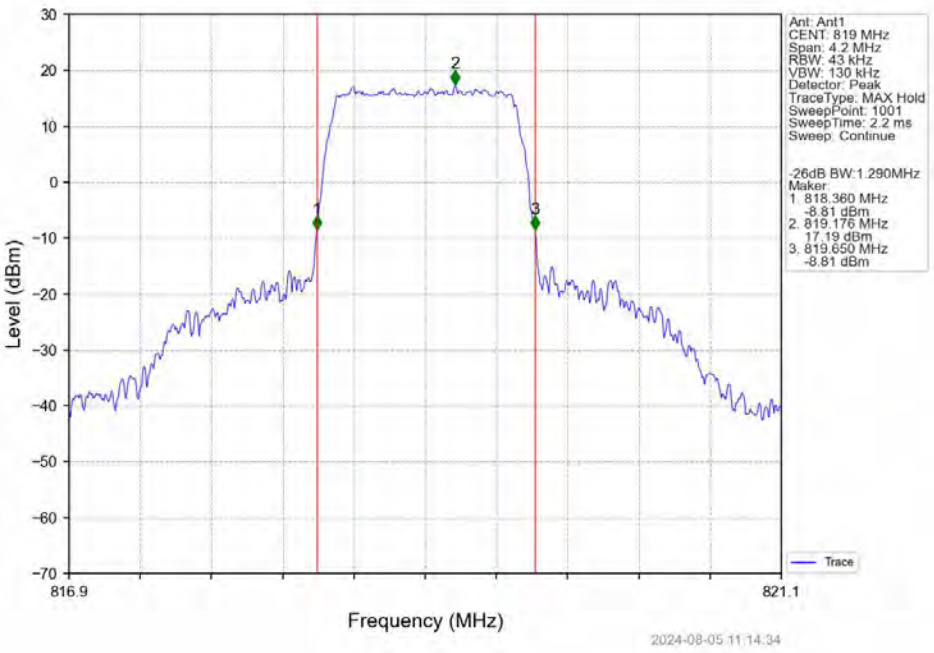
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



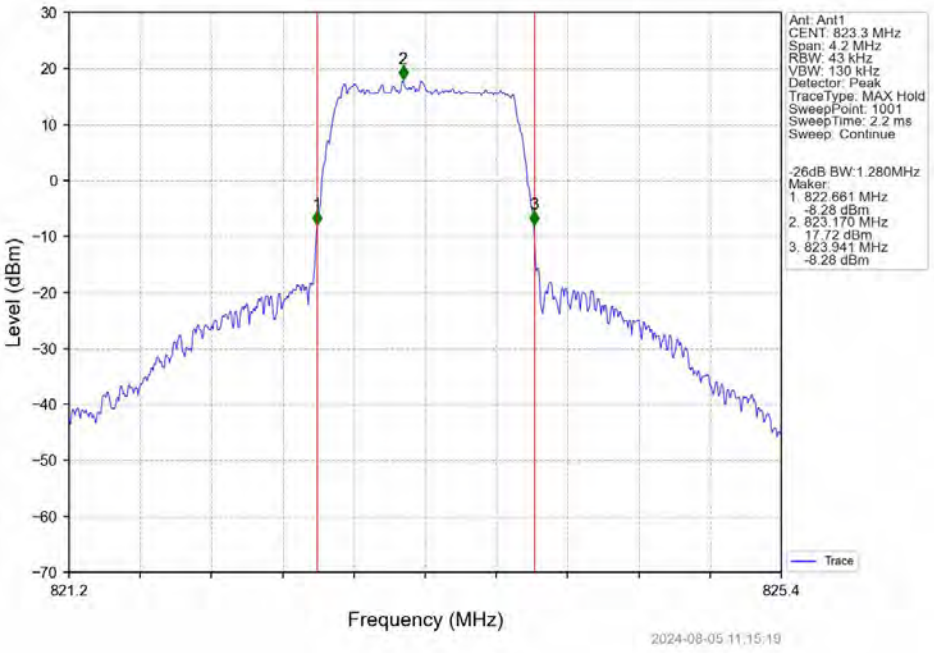

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



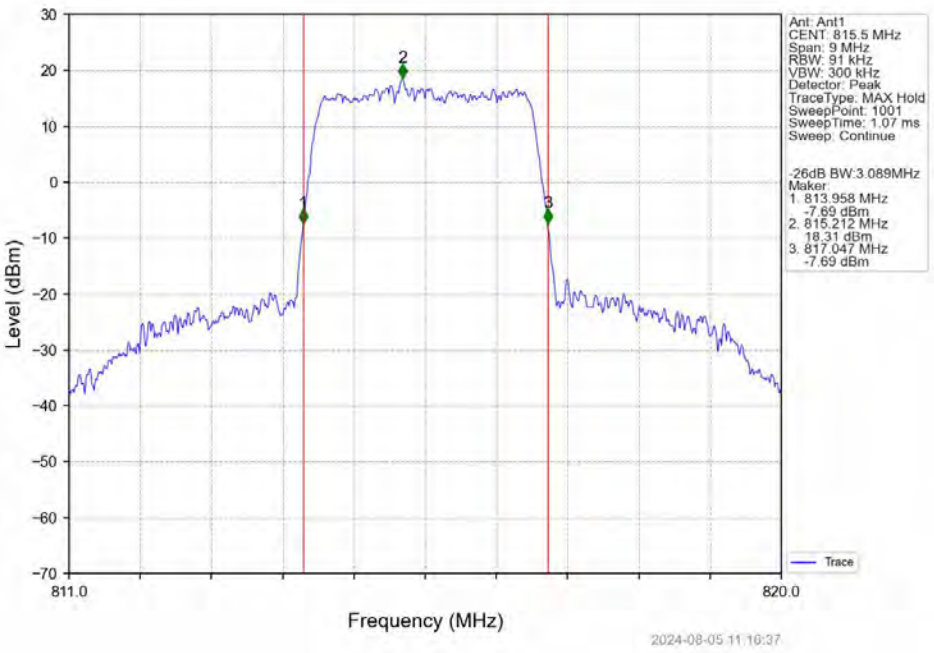
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



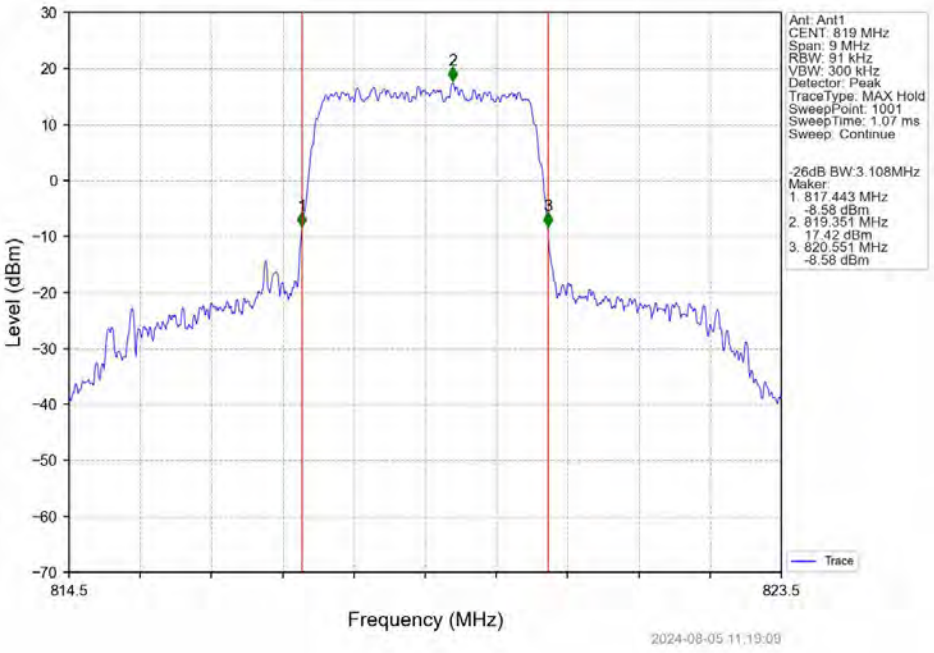

Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



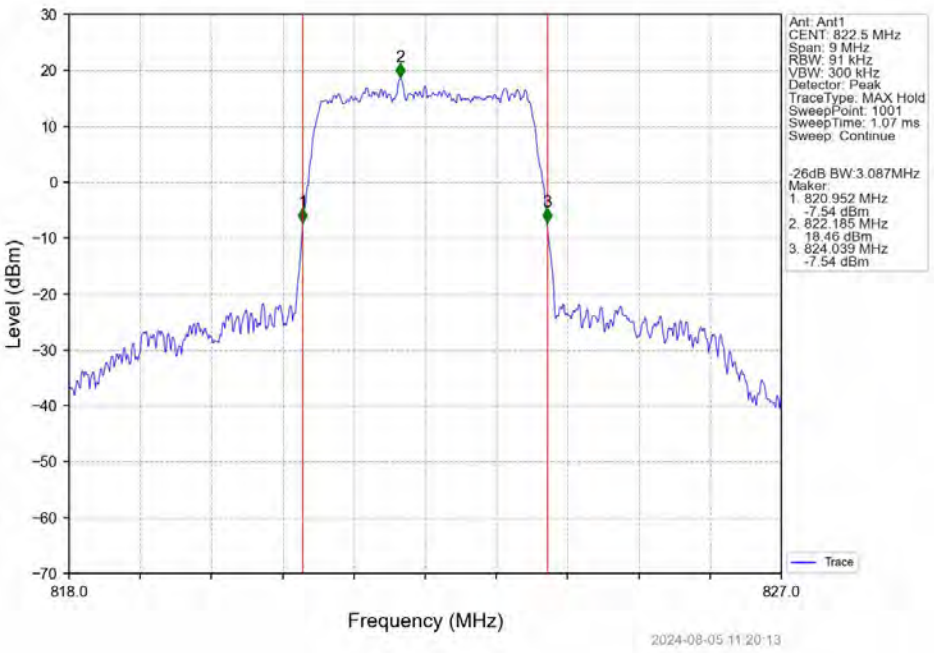
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



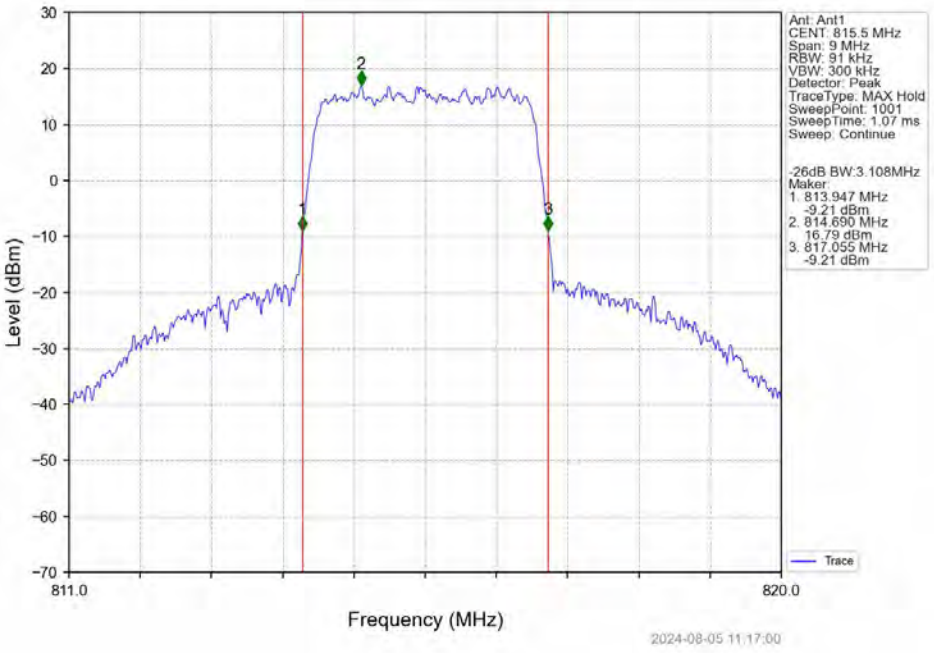

Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



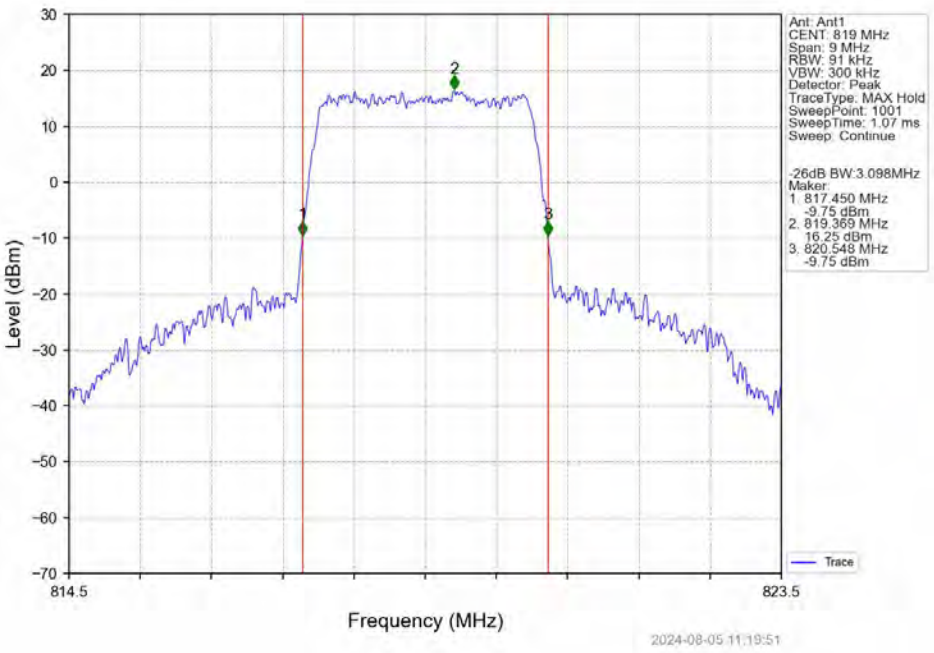
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



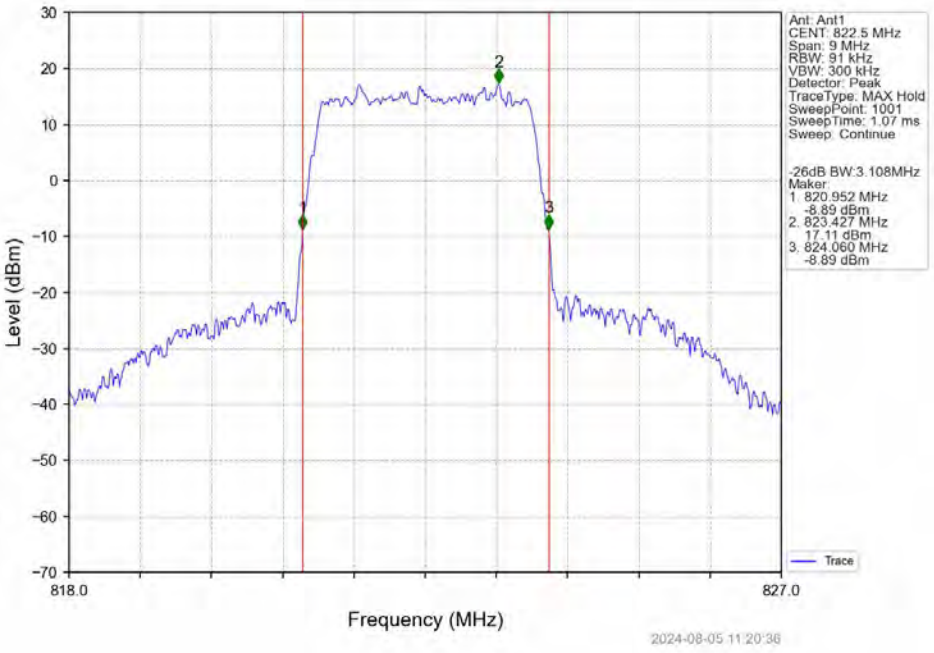

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



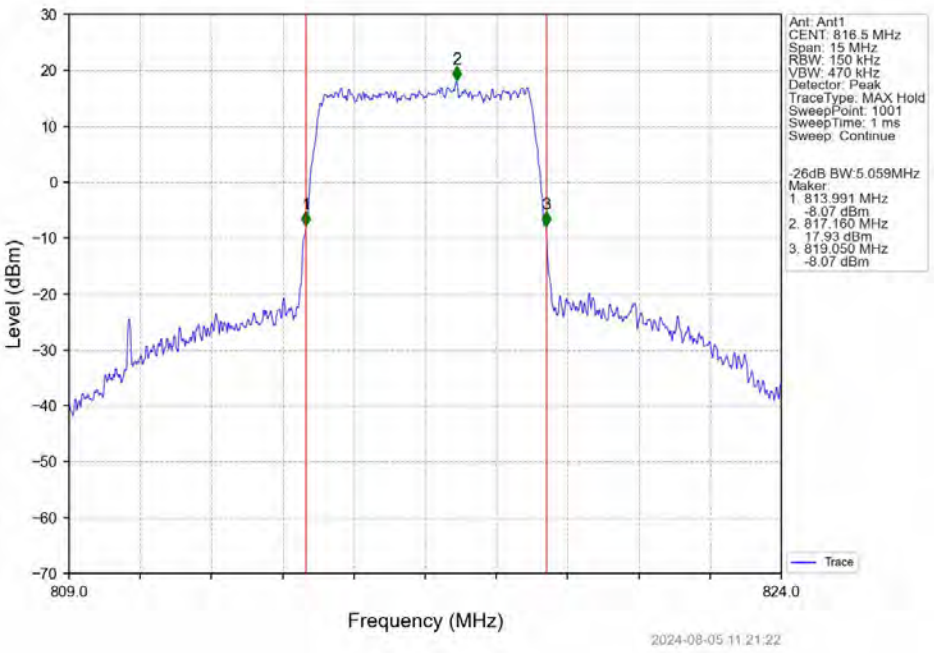
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



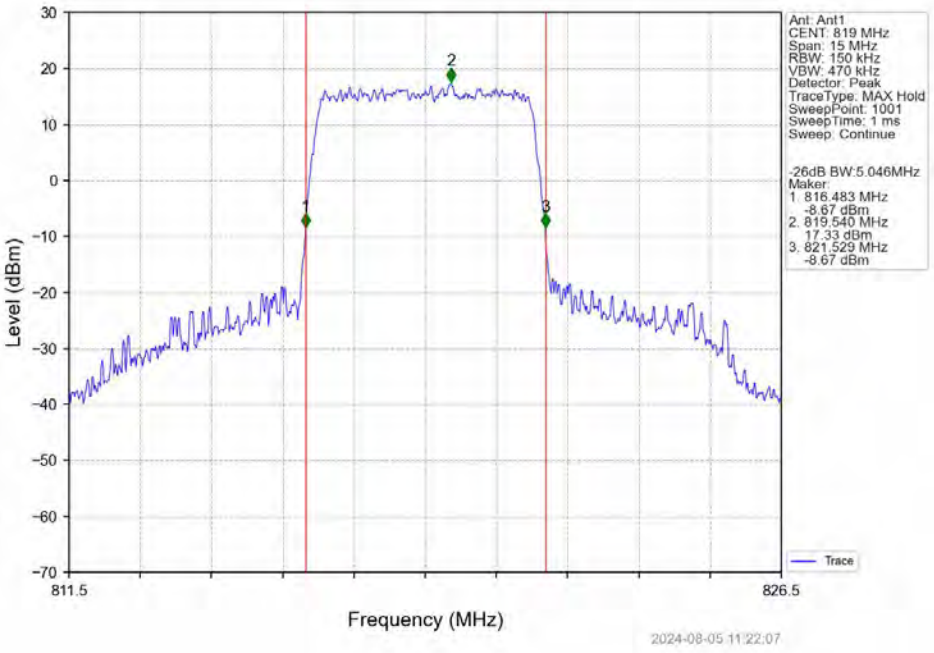

Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



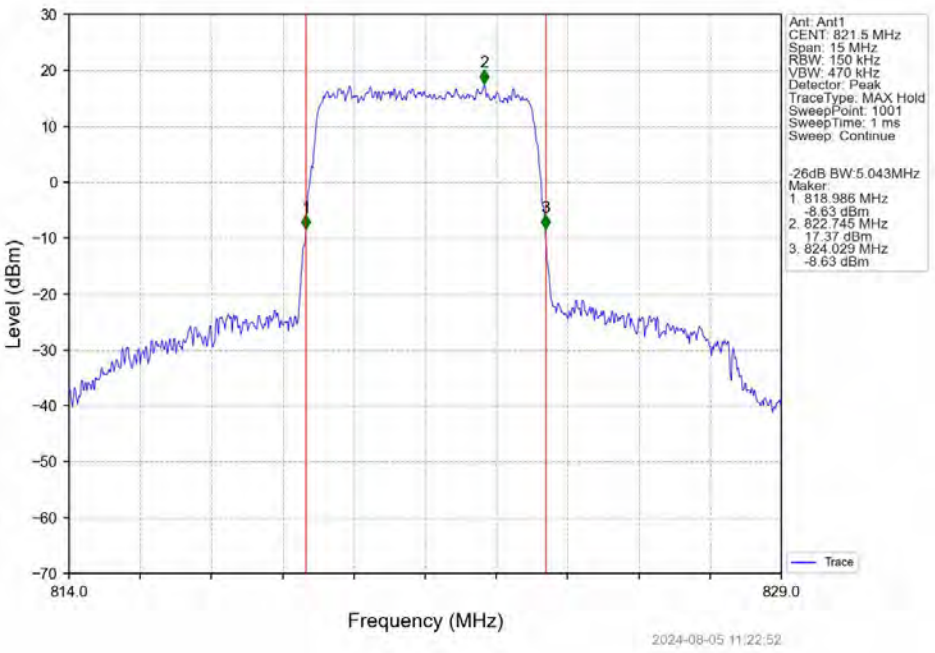
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



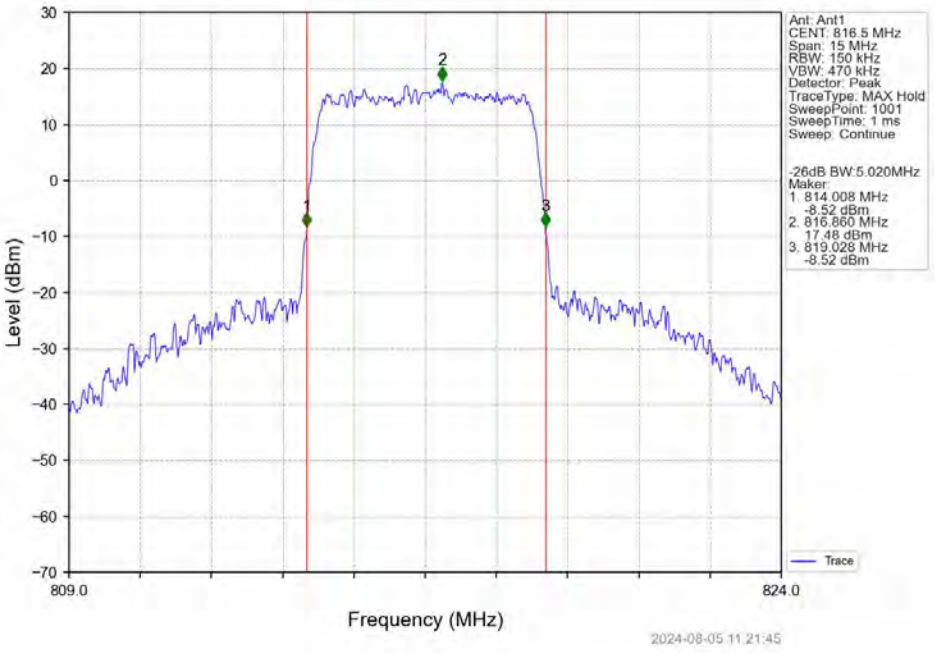

Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



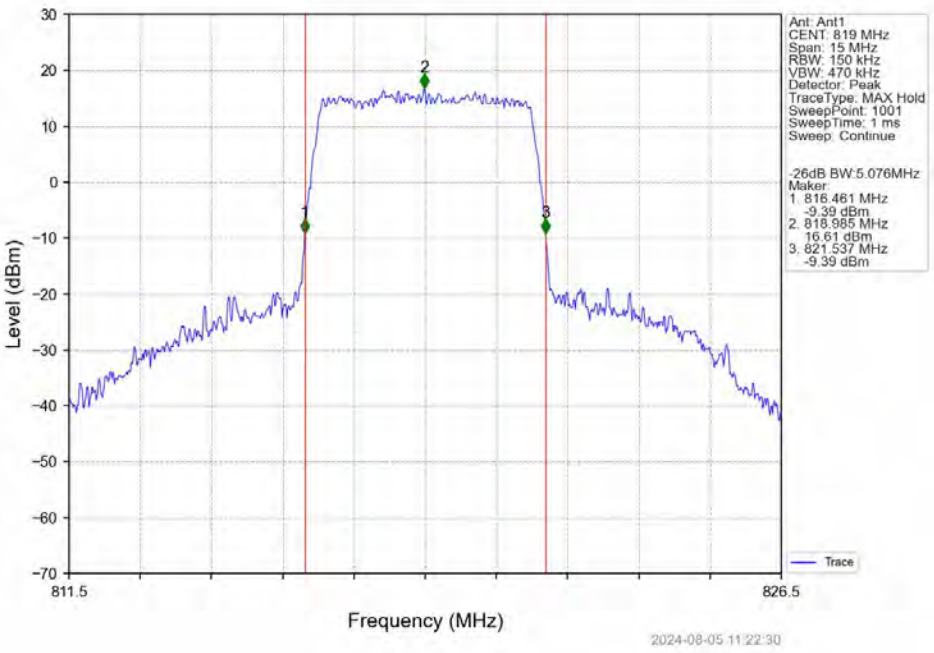
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



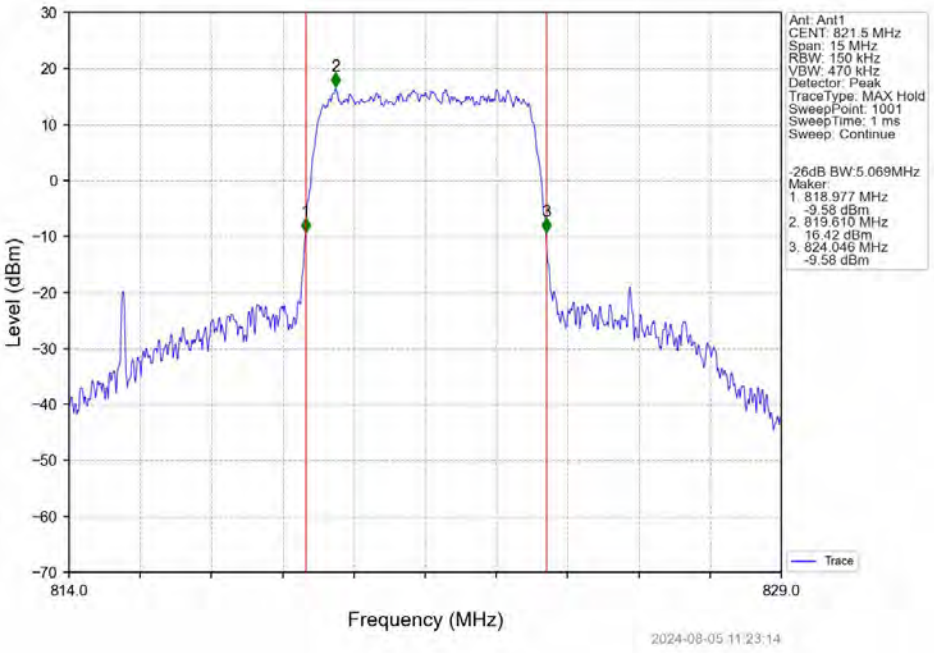

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



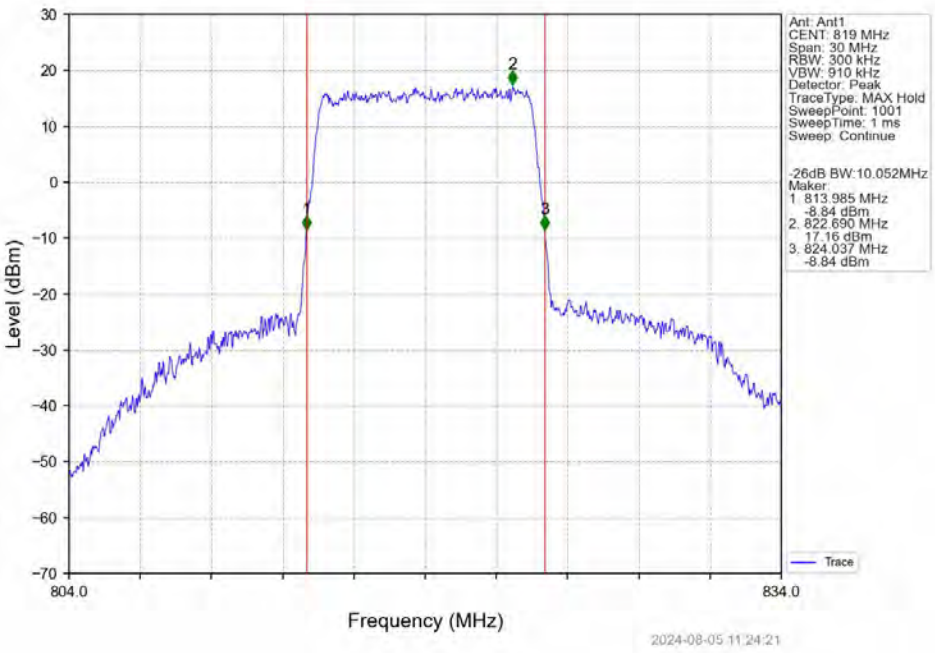
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



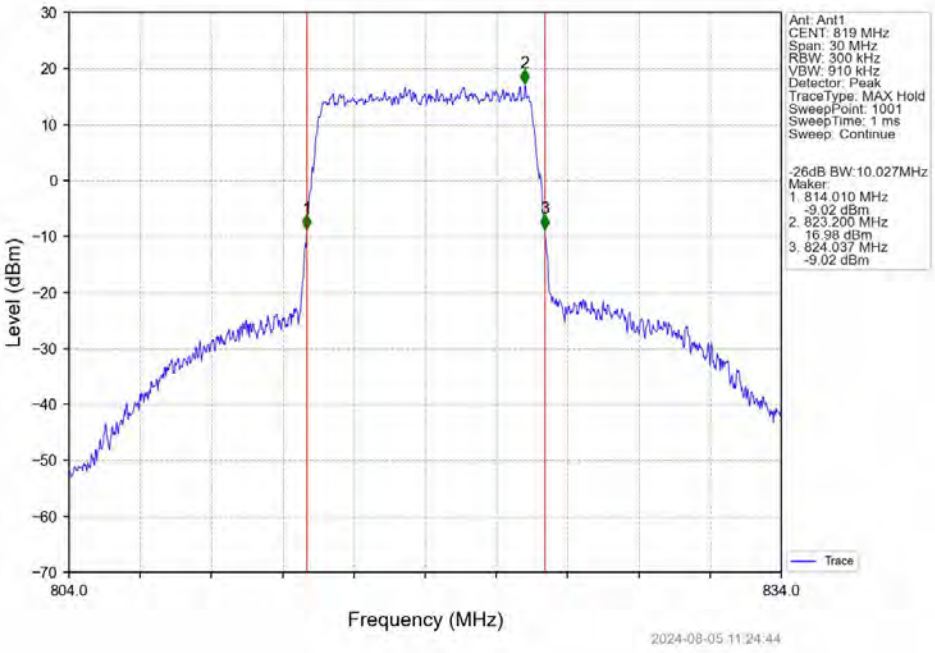

Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV




Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



# 5. Peak-Average Ratio

## 5.1 Test Result

### 5.1.1 B26a_1.4MHz

| Band: 26a / Bandwidth: 1.4MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 814.7 | 6 | 0 | 5.46 | <=13 | Pass |
| | 819 | 6 | 0 | 5.30 | <=13 | Pass |
| | 823.3 | 6 | 0 | 5.43 | <=13 | Pass |
| 16QAM | 814.7 | 6 | 0 | 6.12 | <=13 | Pass |
| | 819 | 6 | 0 | 5.99 | <=13 | Pass |
| | 823.3 | 6 | 0 | 6.12 | <=13 | Pass |

### 5.1.2 B26a_3MHz

| Band: 26a / Bandwidth: 3MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 815.5 | 15 | 0 | 5.42 | <=13 | Pass |
| | 819 | 15 | 0 | 5.34 | <=13 | Pass |
| | 822.5 | 15 | 0 | 5.50 | <=13 | Pass |
| 16QAM | 815.5 | 15 | 0 | 6.19 | <=13 | Pass |
| | 819 | 15 | 0 | 6.10 | <=13 | Pass |
| | 822.5 | 15 | 0 | 6.14 | <=13 | Pass |

### 5.1.3 B26a_5MHz

| Band: 26a / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 816.5 | 25 | 0 | 5.36 | <=13 | Pass |
| | 819 | 25 | 0 | 5.45 | <=13 | Pass |
| | 821.5 | 25 | 0 | 5.53 | <=13 | Pass |
| 16QAM | 816.5 | 25 | 0 | 6.11 | <=13 | Pass |
| | 819 | 25 | 0 | 6.09 | <=13 | Pass |
| | 821.5 | 25 | 0 | 6.19 | <=13 | Pass |

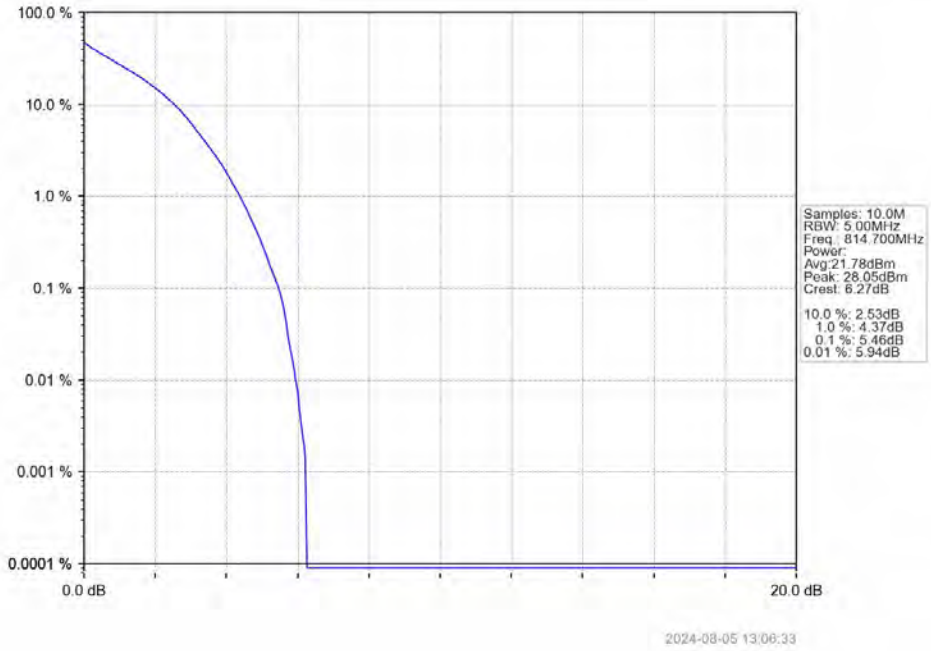
### 5.1.4 B26a_10MHz

| Band: 26a / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 819 | 50 | 0 | 5.46 | <=13 | Pass |
| 16QAM | 819 | 50 | 0 | 6.17 | <=13 | Pass |

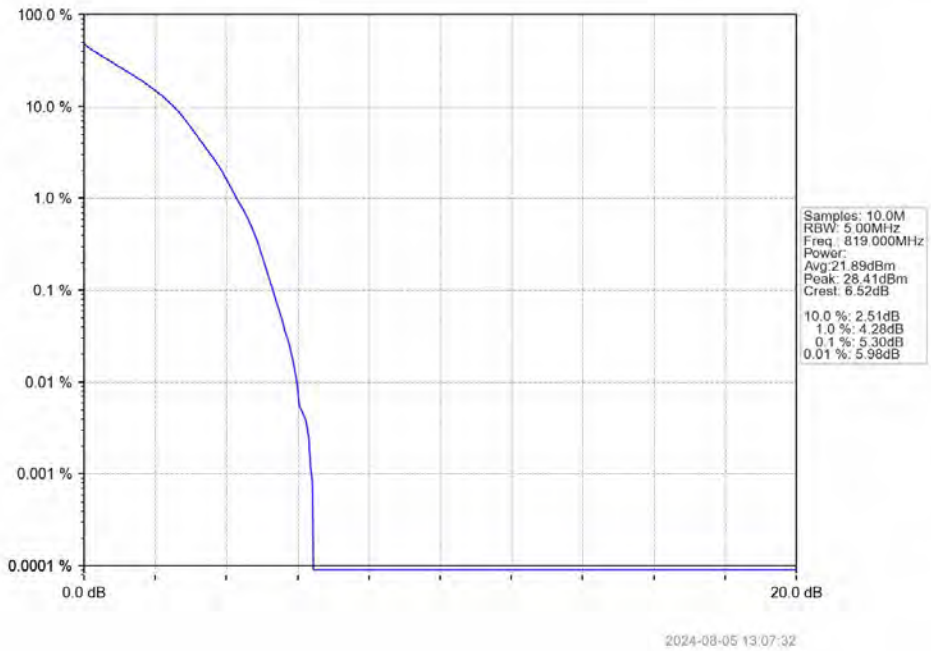
## 5.2 Test Graph

### 5.2.1 B26a_1.4MHz

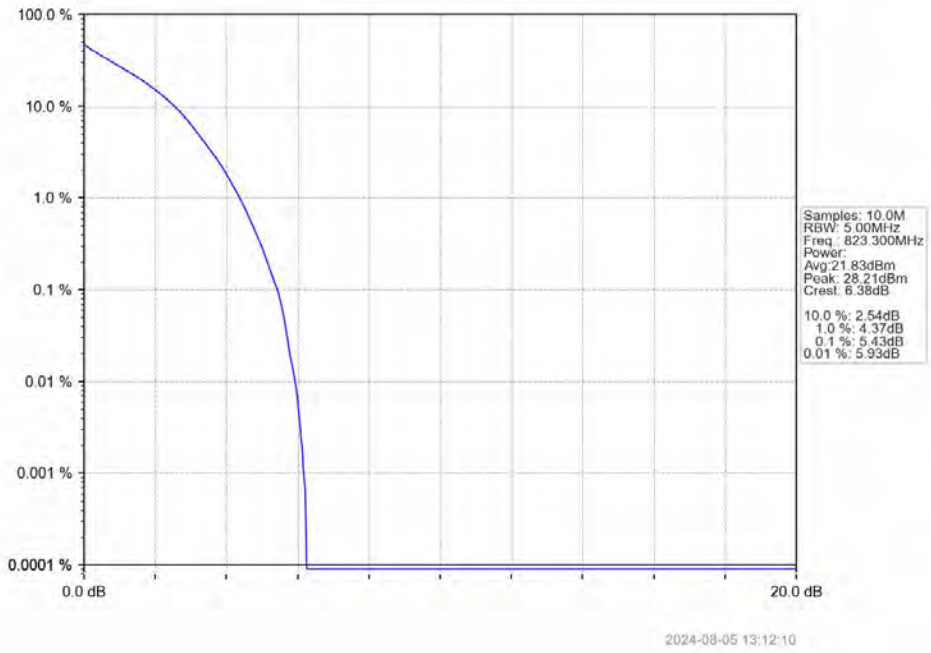
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



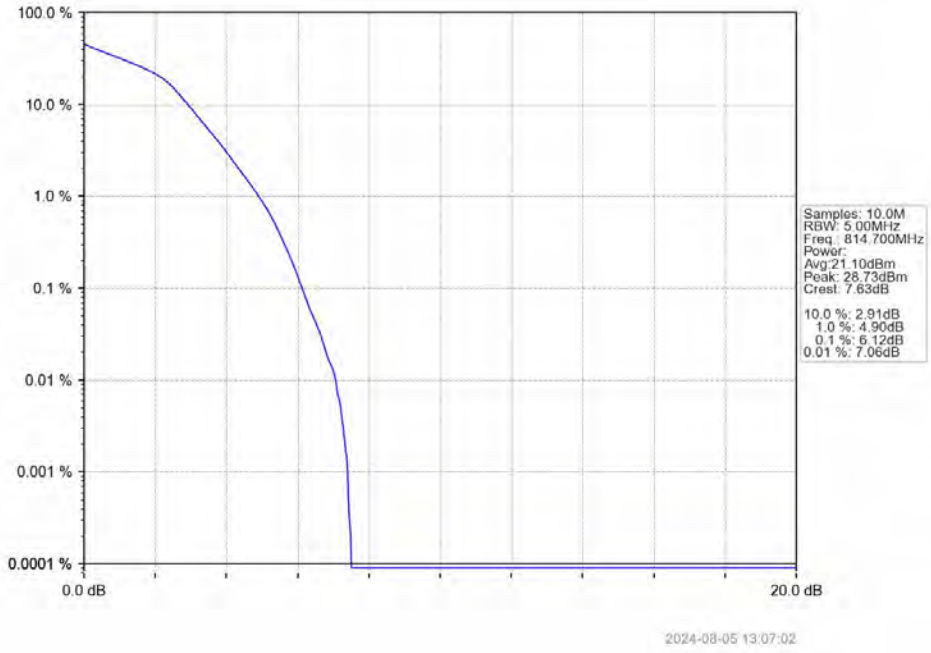

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



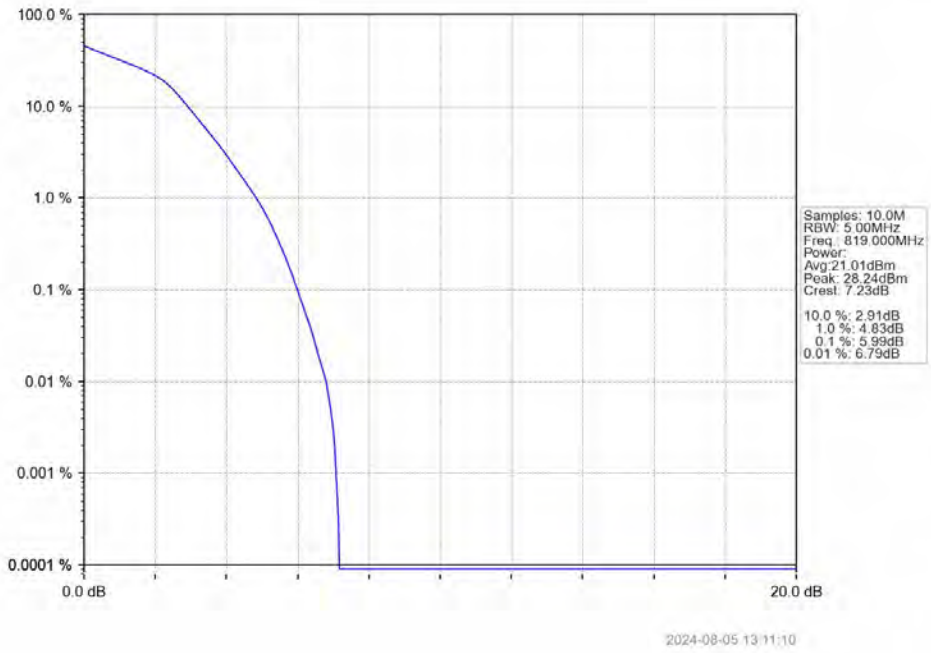
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



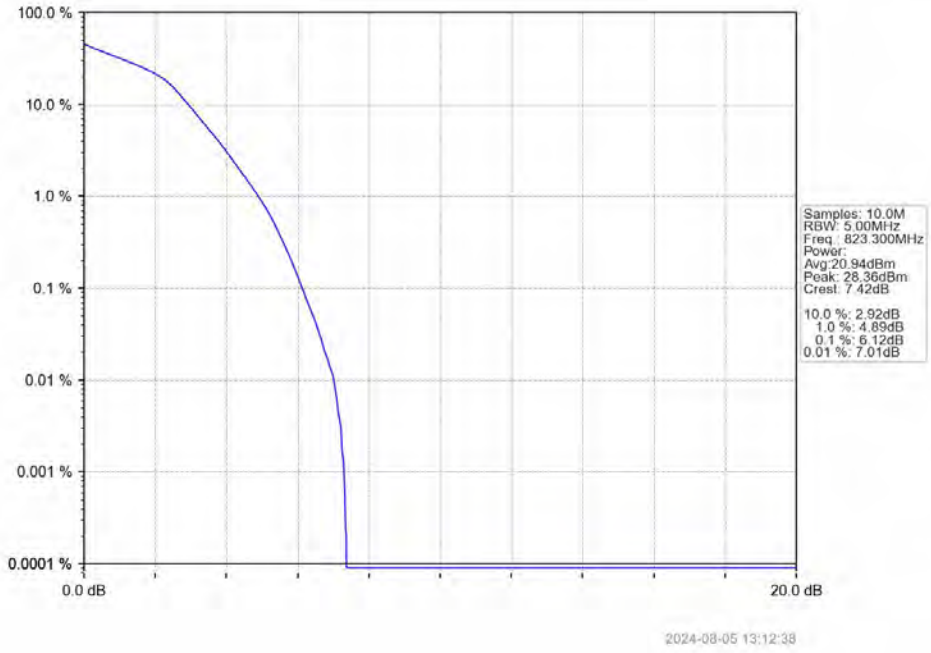

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV

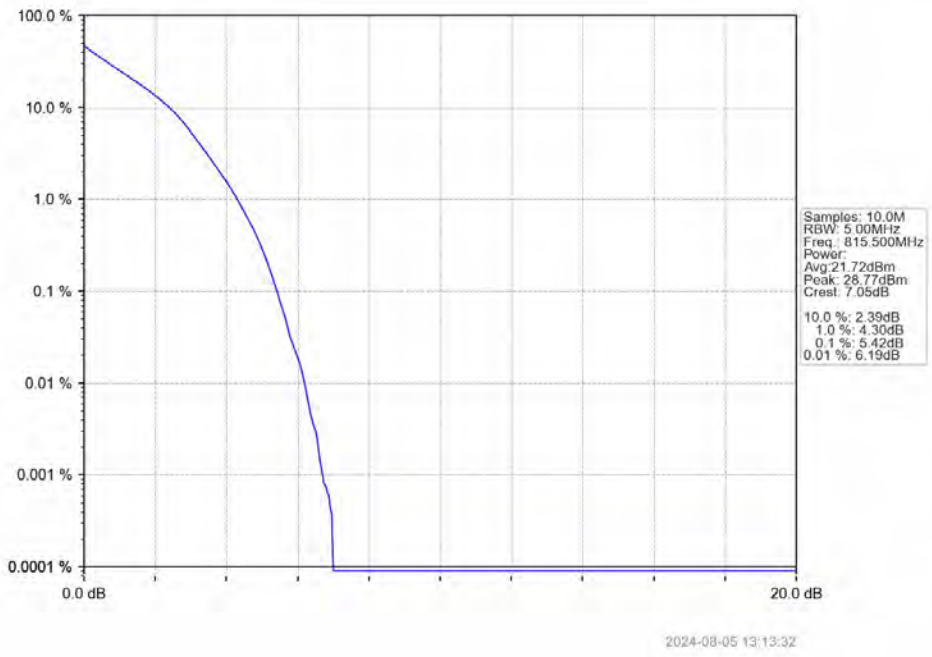



Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

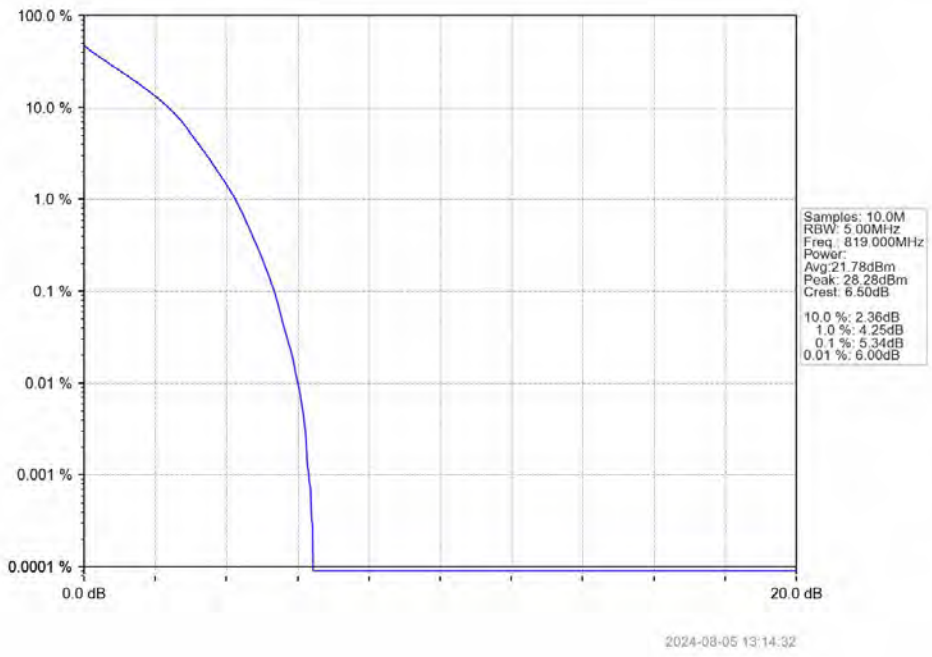


## 5.2.2 B26a_3MHz

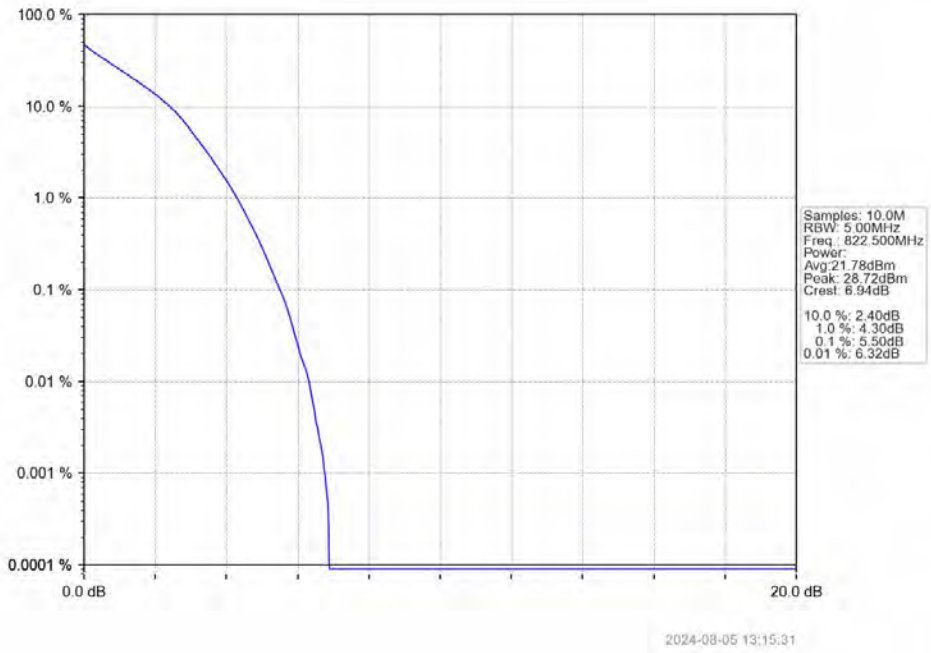
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



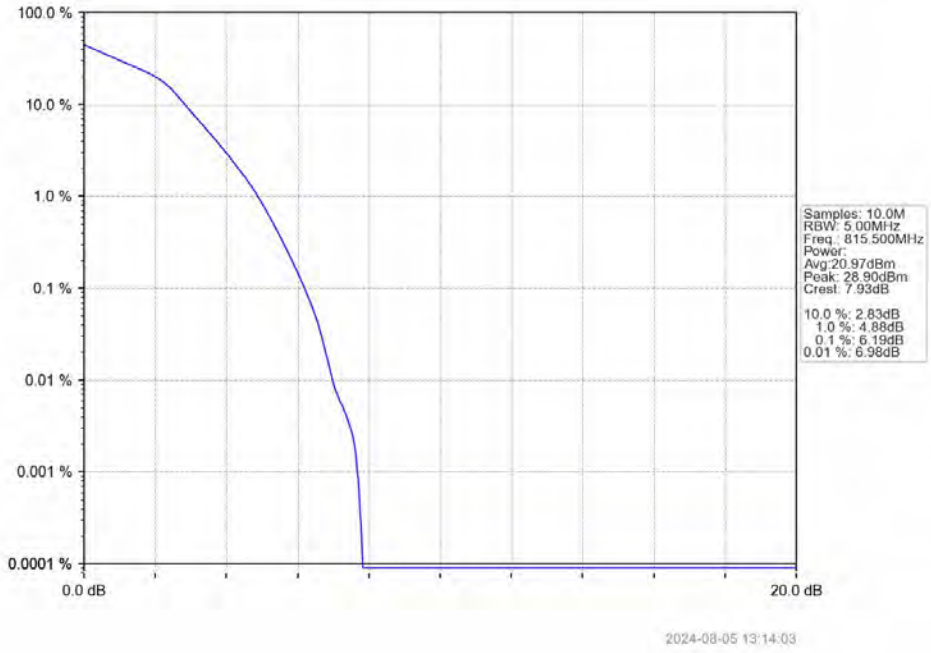

Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



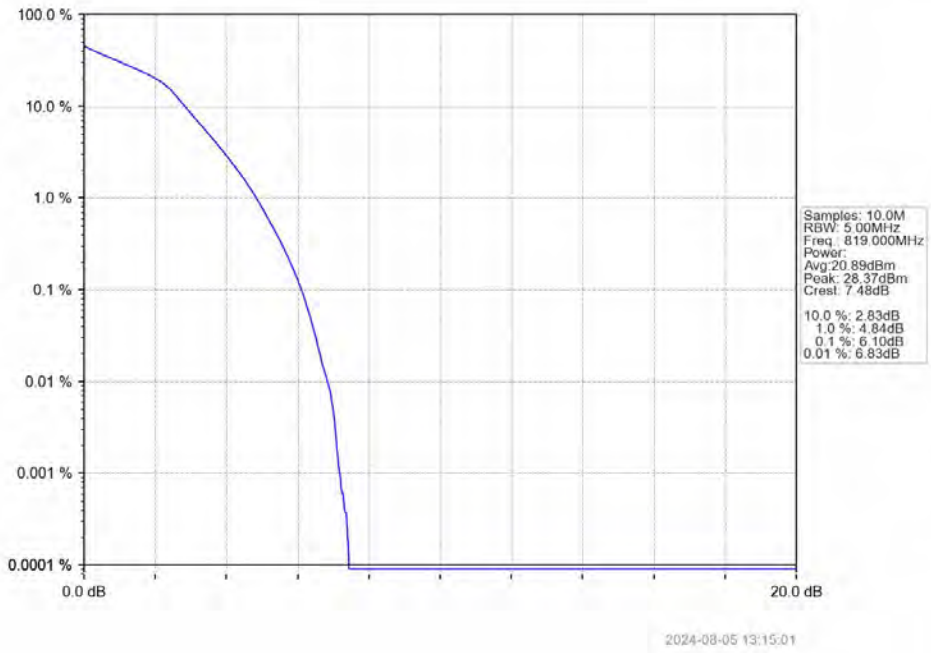
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



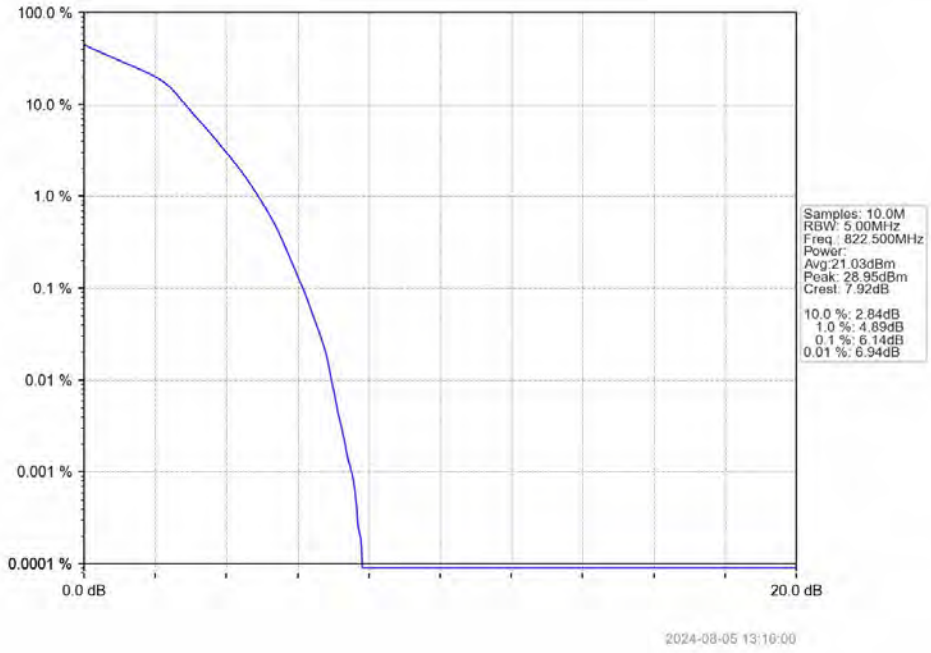

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV

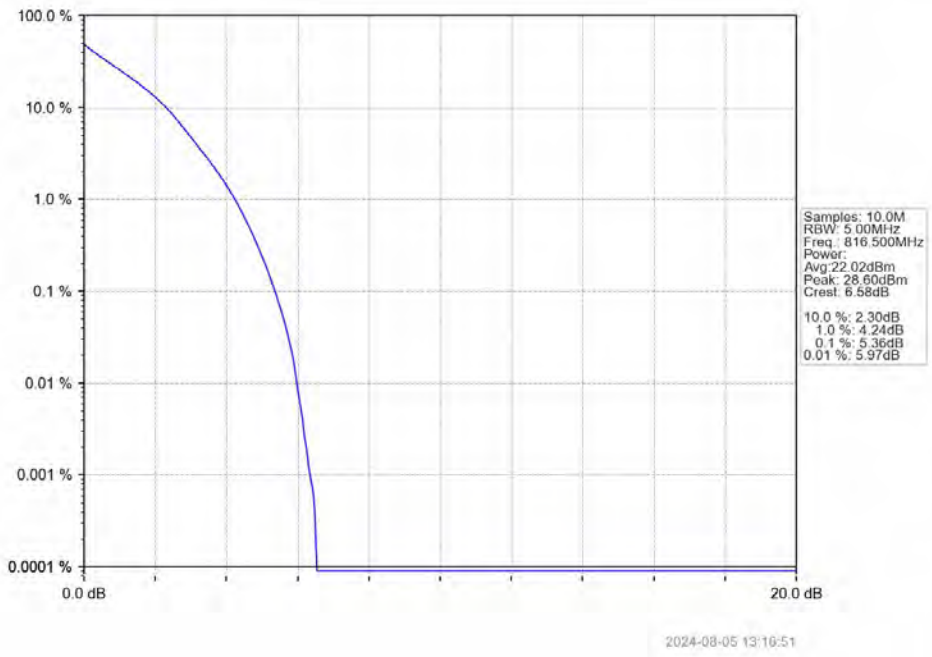



Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV

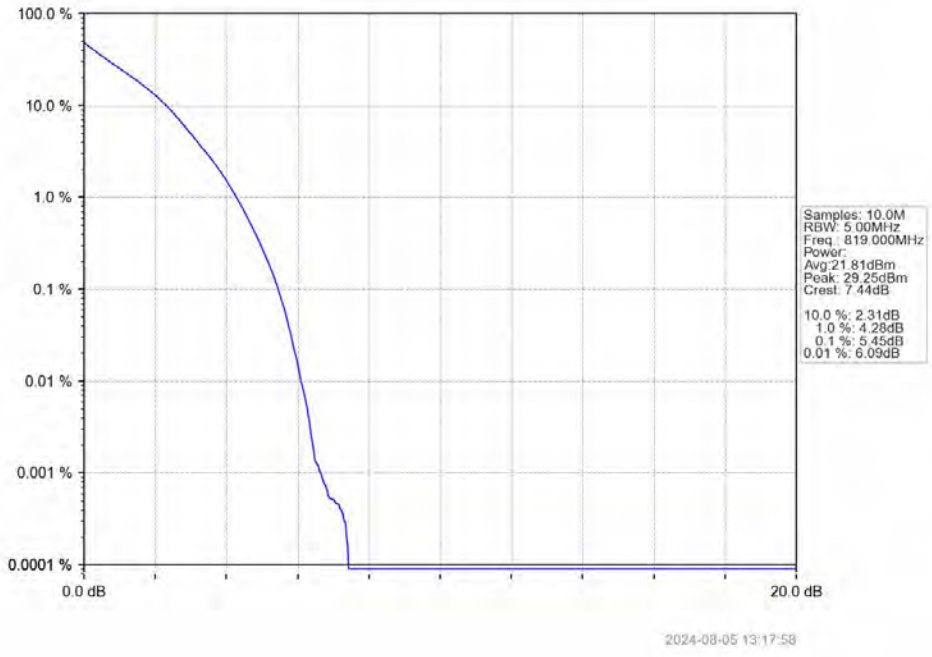


### 5.2.3 B26a_5MHz

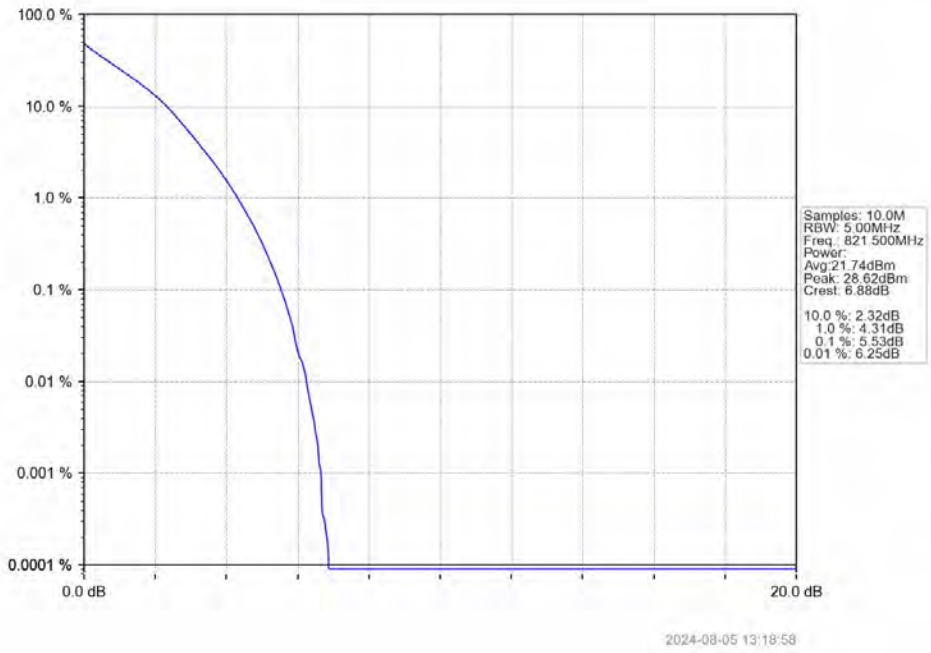
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



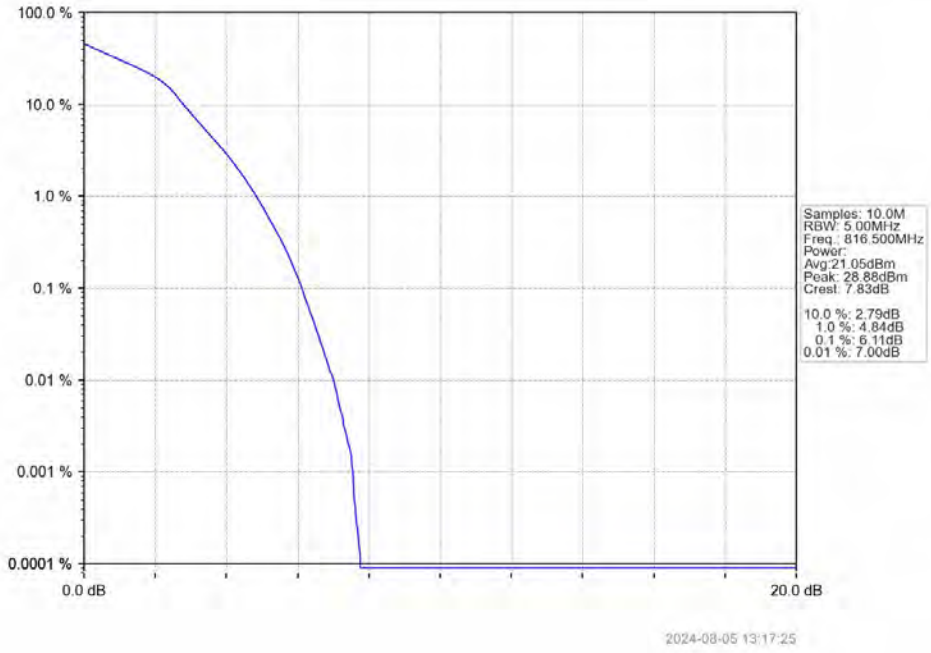

Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



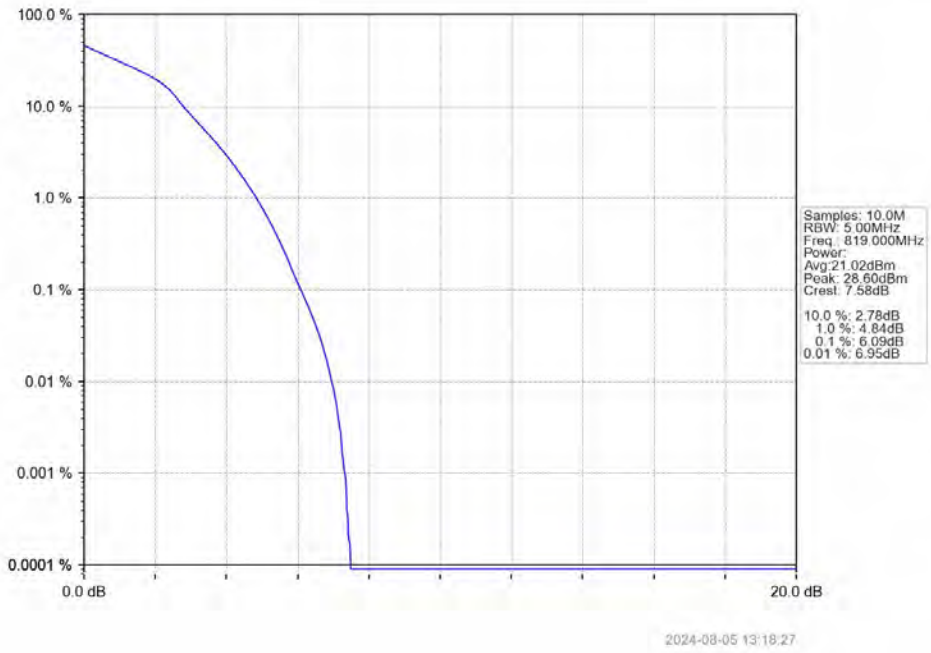
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



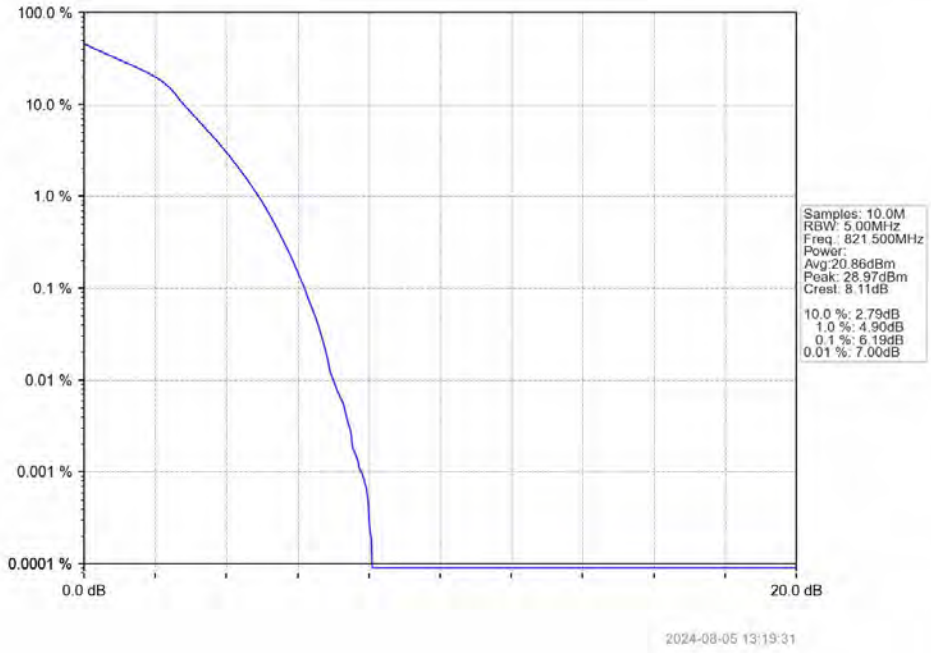

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV

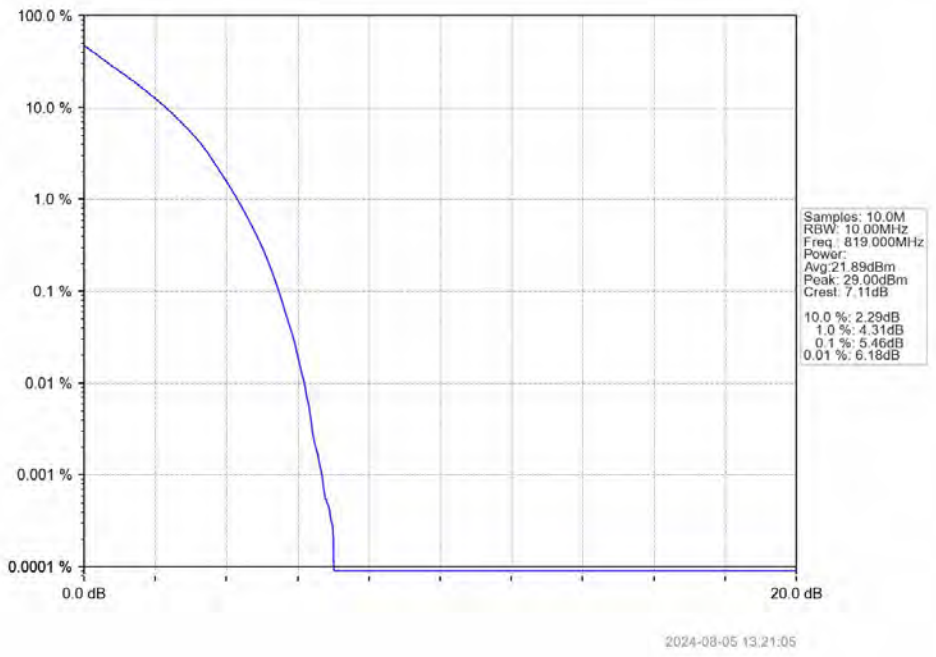



Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV

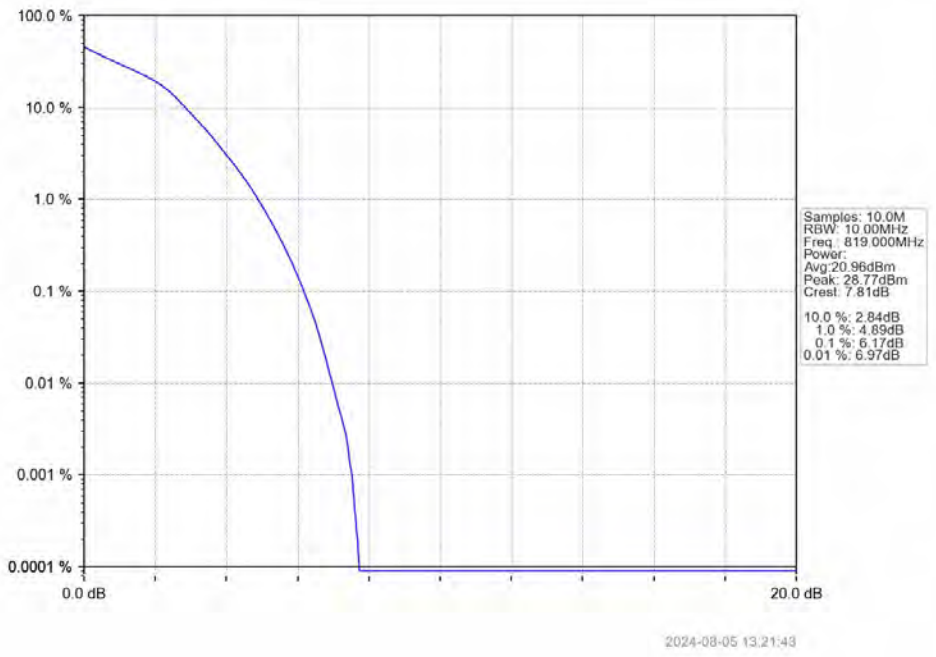


## 5.2.4 B26a_10MHz

Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV




Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



# 6. Spurious Emission

## 6.1 Test Result

### 6.1.1 B26a_1.4MHz

| Band: 26a / Bandwidth: 1.4MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 814.7 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass |
| | 819 | 1 | 0 | Refer To Test Graph | | Pass |
| | 823.3 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 5 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 814.7 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass |
| | 819 | 1 | 0 | Refer To Test Graph | | Pass |
| | 823.3 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 5 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass |

### 6.1.2 B26a_3MHz

| Band: 26a / Bandwidth: 3MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 815.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| | 819 | 1 | 0 | Refer To Test Graph | | Pass |
| | 822.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 14 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 815.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| | 819 | 1 | 0 | Refer To Test Graph | | Pass |
| | 822.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 14 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |

### 6.1.3 B26a_5MHz

| Band: 26a / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 816.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 819 | 1 | 0 | Refer To Test Graph | | Pass |
| | 821.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 816.5 | 1 | 0 | Refer To Test Graph | | Pass |

| | | | | | |
|---|---|---|---|---|---|
| | | 25 | 0 | Refer To Test Graph | Pass |
| | 819 | 1 | 0 | Refer To Test Graph | Pass |
| | 821.5 | 1 | 0 | Refer To Test Graph | Pass |
| | | | 24 | Refer To Test Graph | Pass |
| | | 25 | 0 | Refer To Test Graph | Pass |

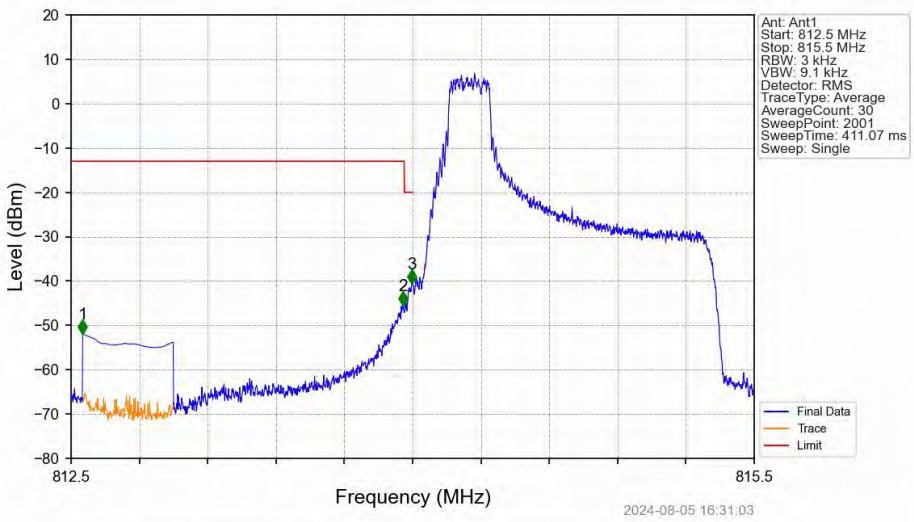
### 6.1.4 B26a_10MHz

| Band: 26a / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 819 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 819 | 1 | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 819 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 819 | 1 | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |

## 6.2 Test Graph

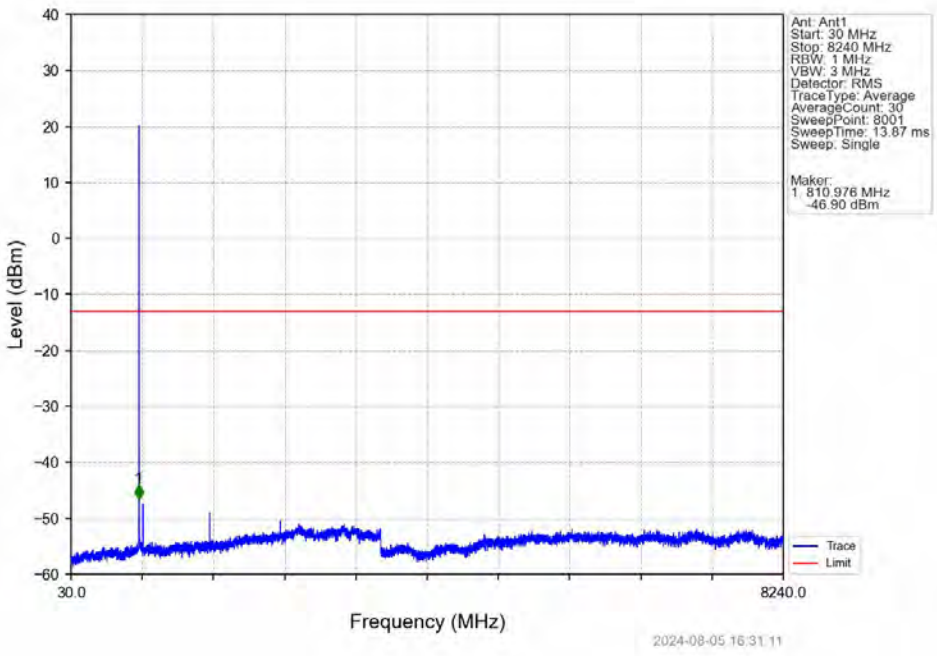
### 6.2.1 B26a_1.4MHz

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV

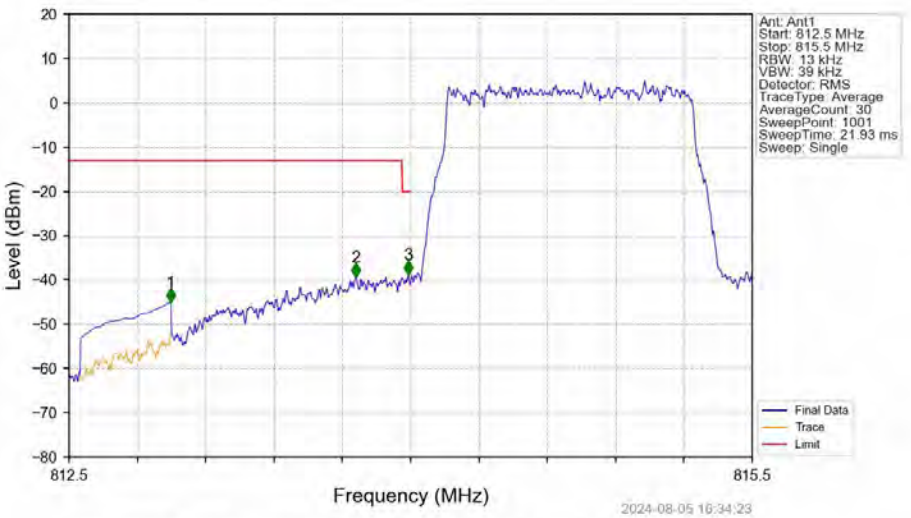



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 812.5 | 813 | 0.1 | CHP | 1 | 812.551 | -51.97 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.958 | -45.56 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.997 | -40.56 | -20 | Pass |
| 814 | 815.5 | 0.003 | / | / | / | / | / | / |

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV

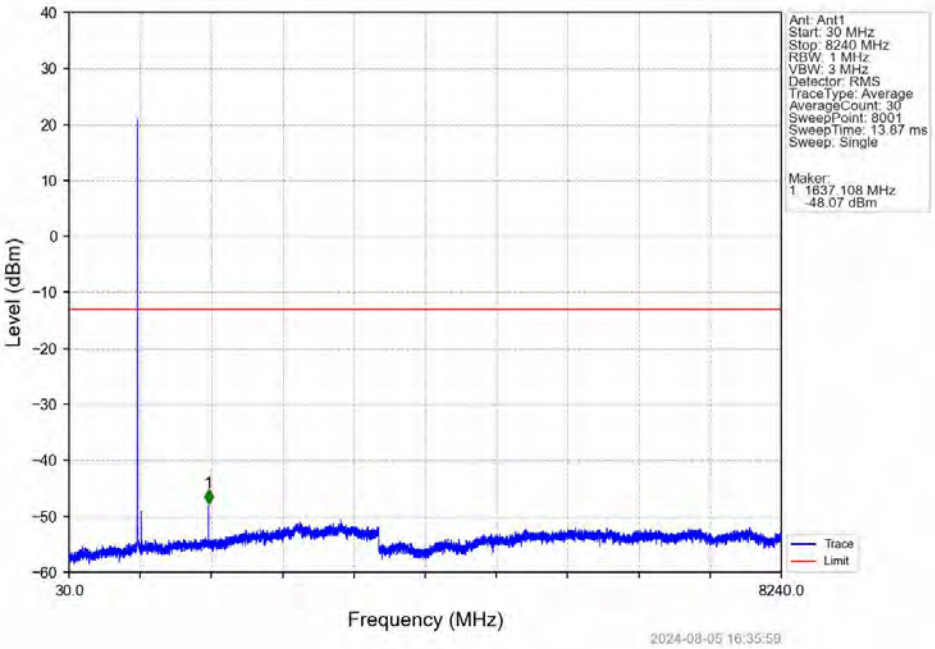


Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV

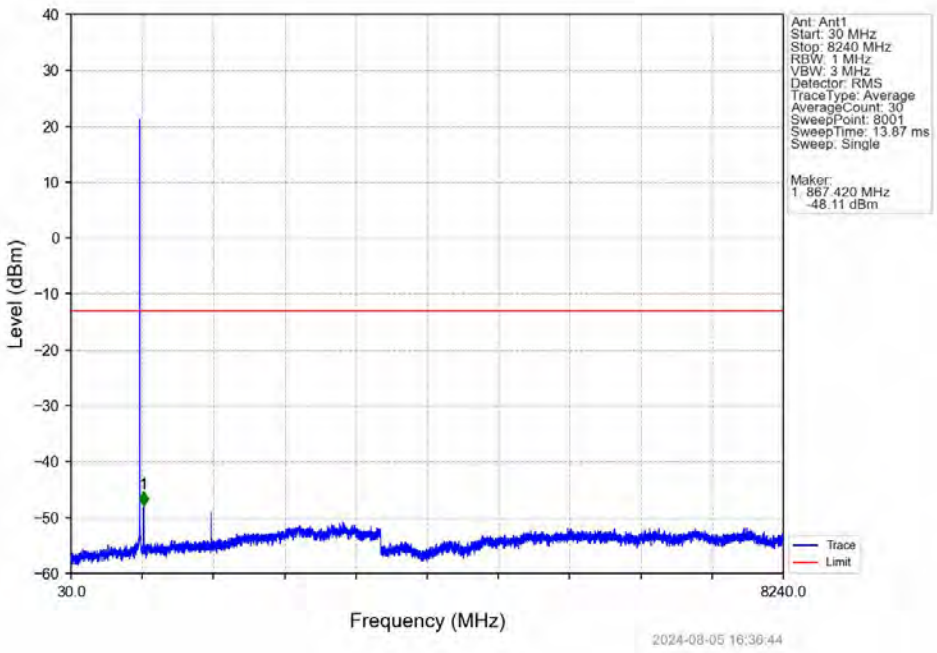



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 812.5 | 813 | 0.1 | CHP | 1 | 812.947 | -45.05 | -13 | Pass |
| 813 | 813.963 | 0.013 | / | 2 | 813.760 | -39.28 | -13 | Pass |
| 813.963 | 814 | 0.013 | / | 3 | 813.991 | -38.82 | -20 | Pass |
| 814 | 815.5 | 0.013 | / | / | / | / | / | / |

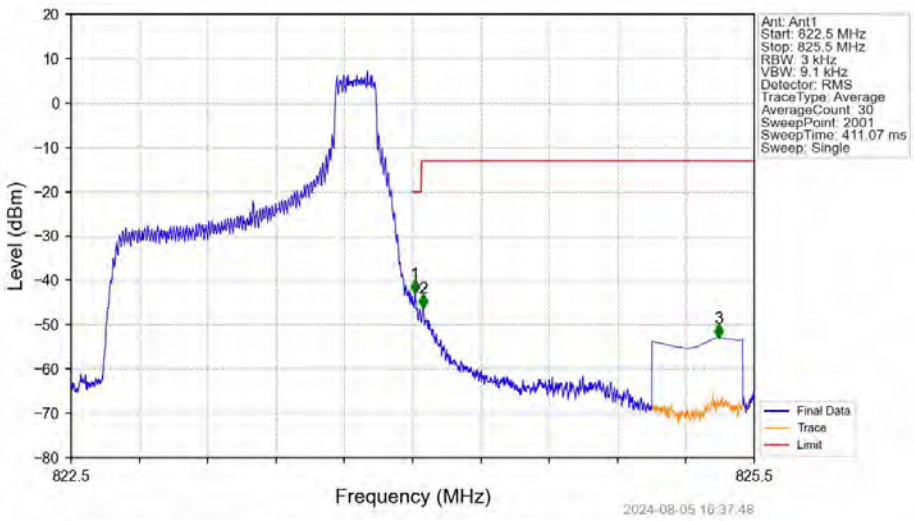
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV

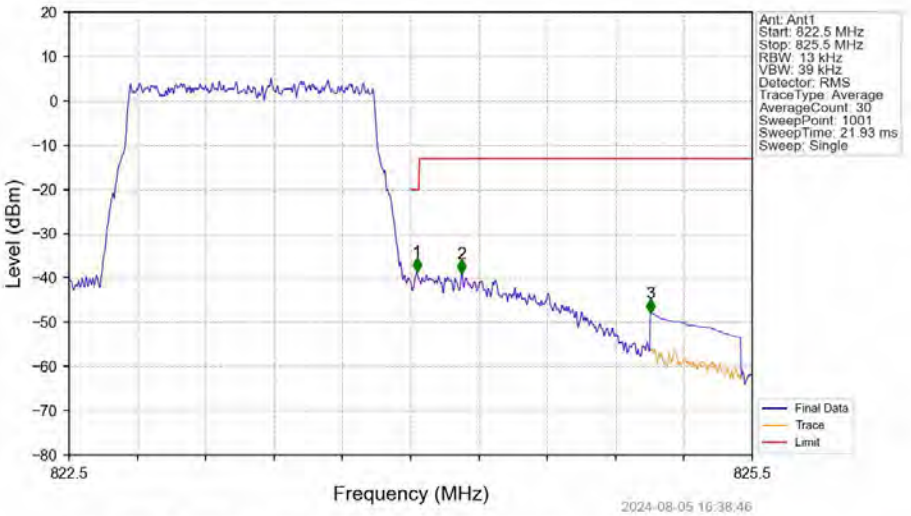



Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_5_NTNV



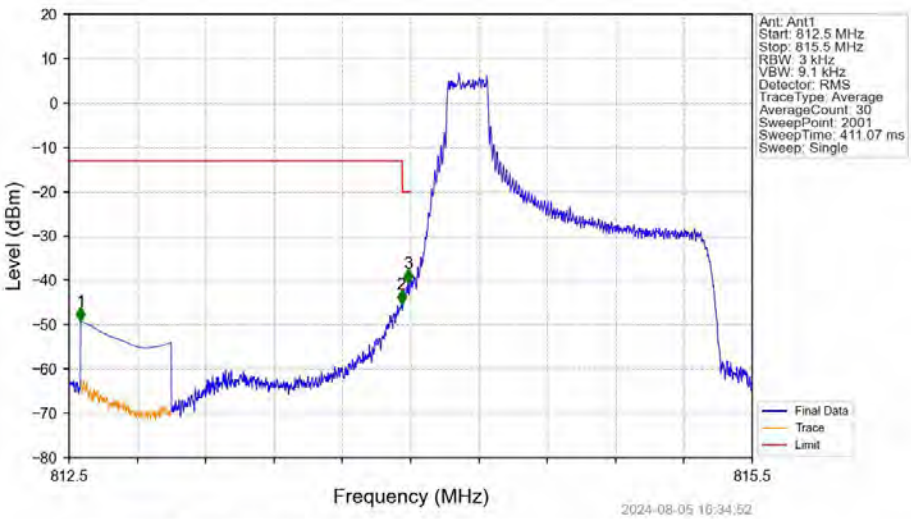

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 824 | 0.003 | / | / | / | / | / | / |
| 824 | 824.038 | 0.003 | / | 1 | 824.010 | -43.05 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.047 | -46.23 | -13 | Pass |
| 825 | 825.5 | 0.1 | CHP | 3 | 825.344 | -52.91 | -13 | Pass |

Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



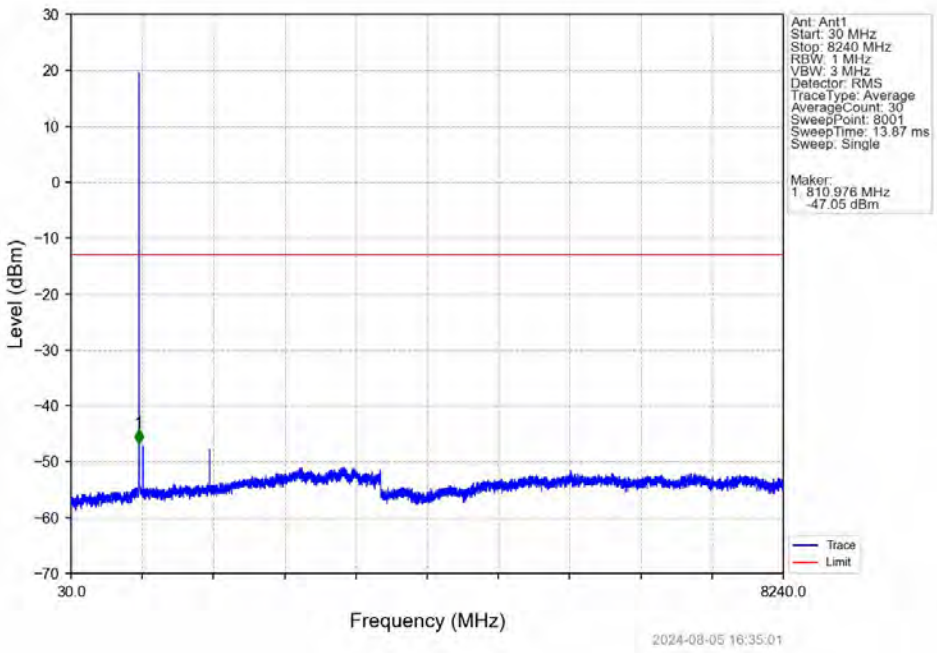

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 824 | 0.013 | / | / | / | / | / | / |
| 824 | 824.038 | 0.013 | / | 1 | 824.027 | -38.52 | -20 | Pass |
| 824.038 | 825 | 0.013 | / | 2 | 824.225 | -38.91 | -13 | Pass |
| 825 | 825.5 | 0.1 | CHP | 3 | 825.053 | -47.95 | -13 | Pass |

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV

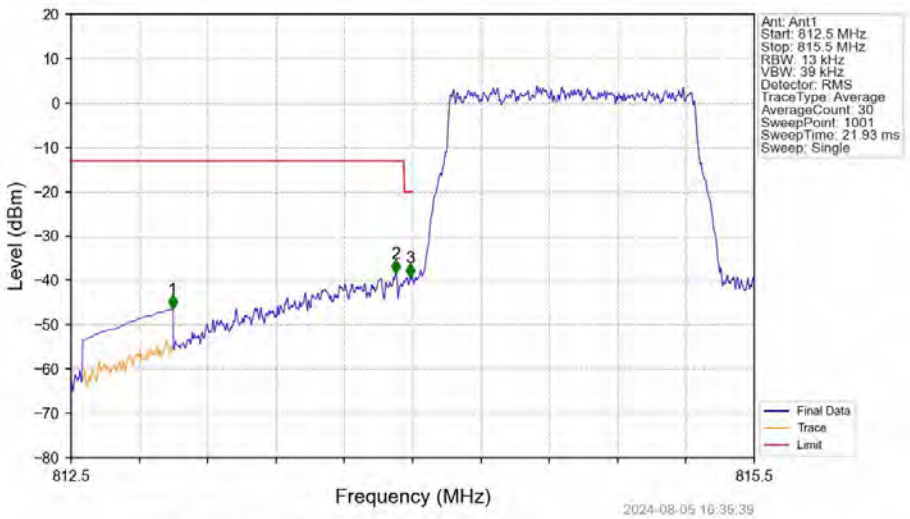



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 812.5 | 813 | 0.1 | CHP | 1 | 812.551 | -49.21 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.960 | -45.40 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.990 | -40.64 | -20 | Pass |
| 814 | 815.5 | 0.003 | / | / | / | / | / | / |

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV

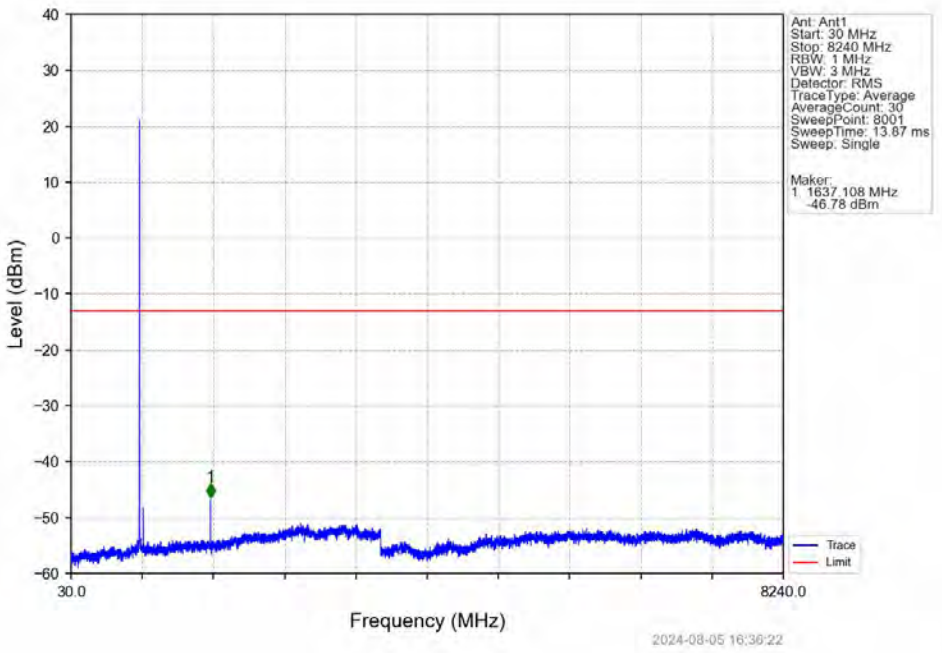



Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV

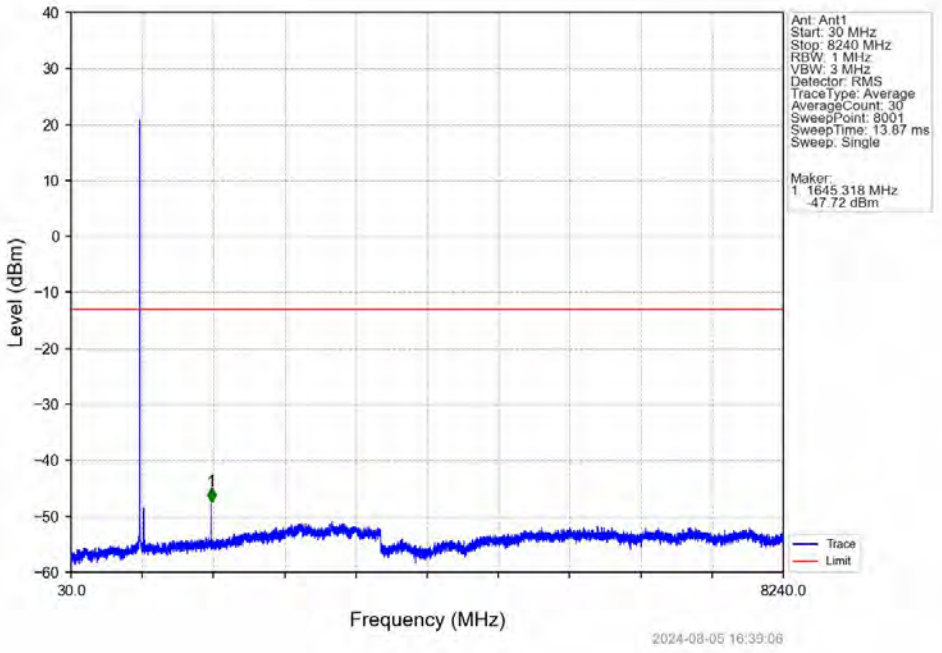



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 812.5 | 813 | 0.1 | CHP | 1 | 812.947 | -46.39 | -13 | Pass |
| 813 | 813.963 | 0.013 | / | 2 | 813.925 | -38.38 | -13 | Pass |
| 813.963 | 814 | 0.013 | / | 3 | 813.991 | -39.25 | -20 | Pass |
| 814 | 815.5 | 0.013 | / | / | / | / | / | / |

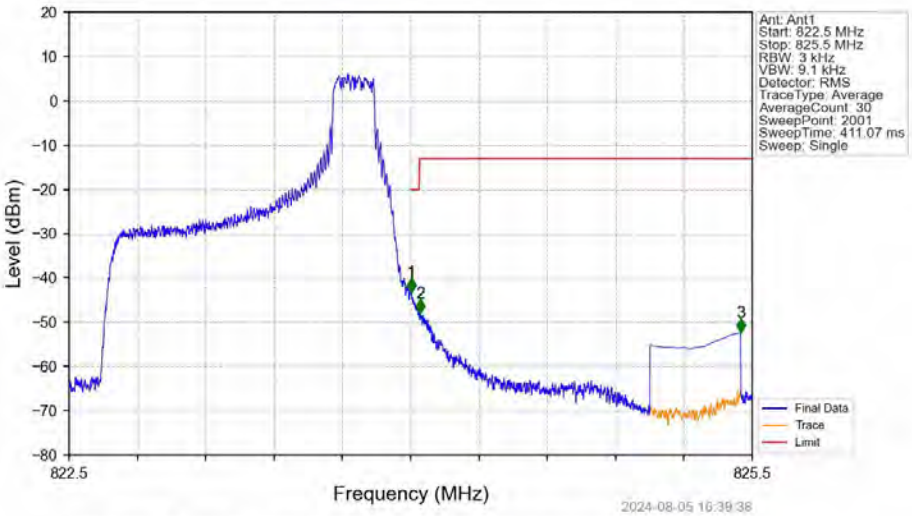
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_1_0_NTNV




Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_1_0_NTNV

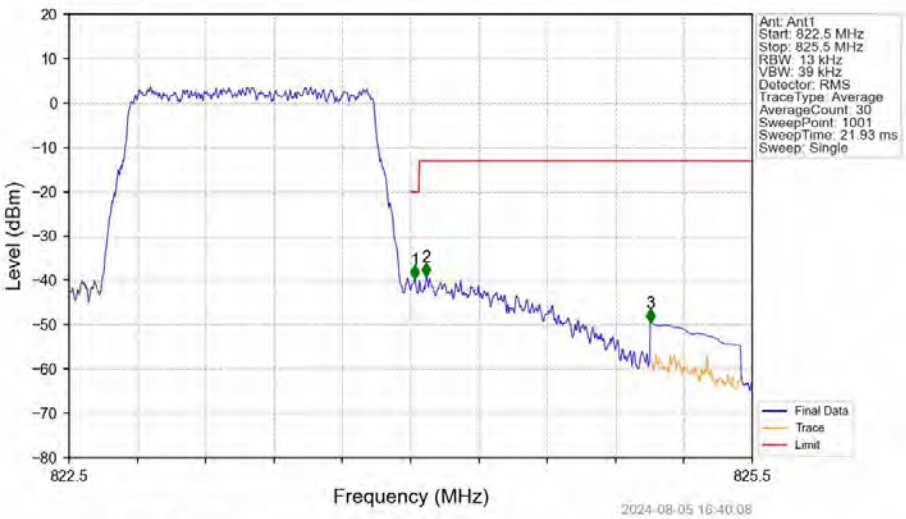


Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_1_5_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 824 | 0.003 | / | / | / | / | / | / |
| 824 | 824.038 | 0.003 | / | 1 | 824.003 | -43.18 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.043 | -47.85 | -13 | Pass |
| 825 | 825.5 | 0.1 | CHP | 3 | 825.449 | -52.34 | -13 | Pass |

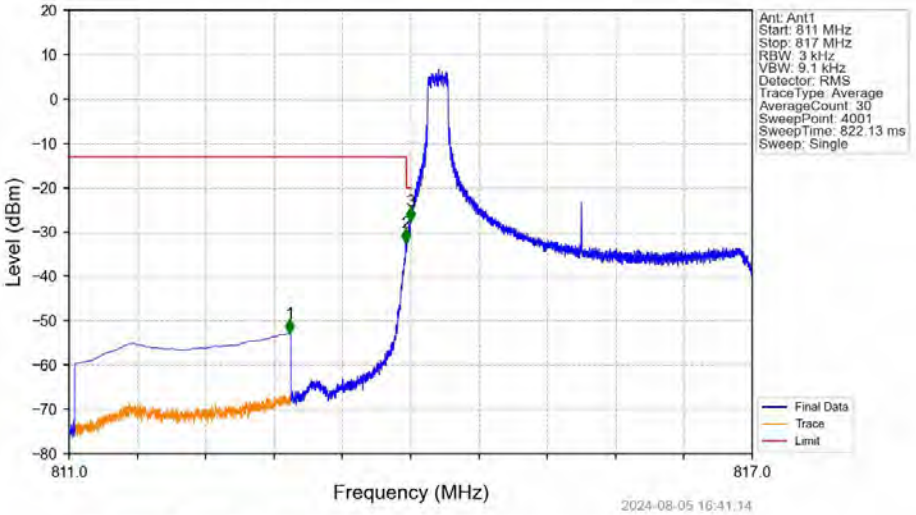
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 824 | 0.013 | / | / | / | / | / | / |
| 824 | 824.038 | 0.013 | / | 1 | 824.018 | -39.71 | -20 | Pass |
| 824.038 | 825 | 0.013 | / | 2 | 824.069 | -39.15 | -13 | Pass |
| 825 | 825.5 | 0.1 | CHP | 3 | 825.053 | -49.46 | -13 | Pass |

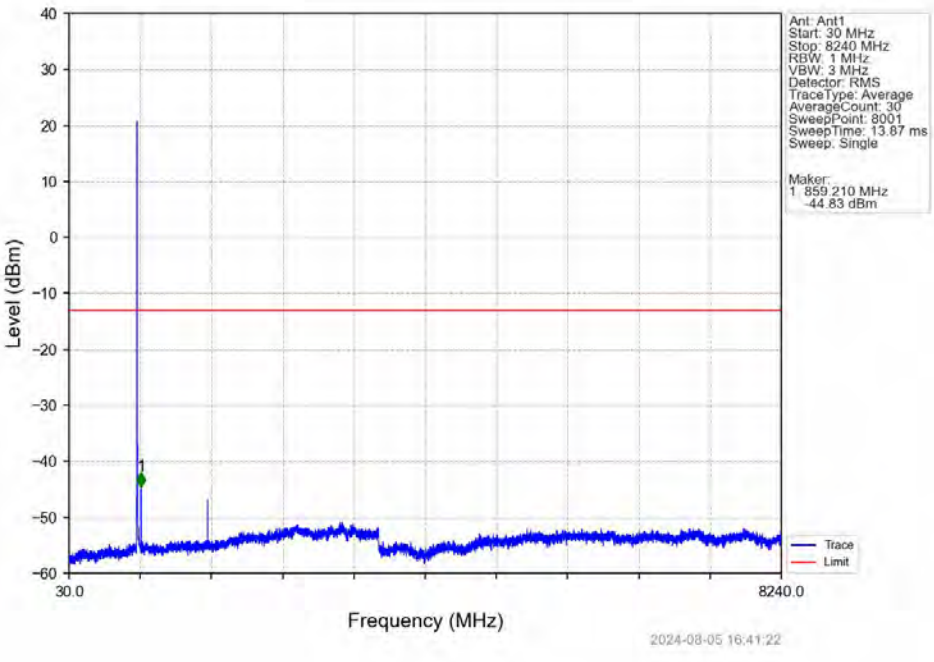
## 6.2.2 B26a_3MHz

Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV

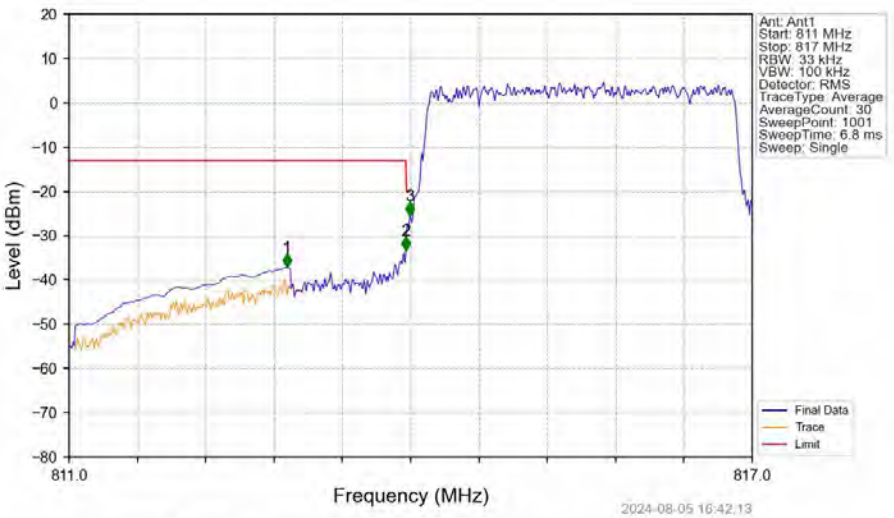



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 811 | 813 | 0.1 | CHP | 1 | 812.938 | -52.77 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.958 | -32.35 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.999 | -27.40 | -20 | Pass |
| 814 | 817 | 0.003 | / | / | / | / | / | / |

Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV

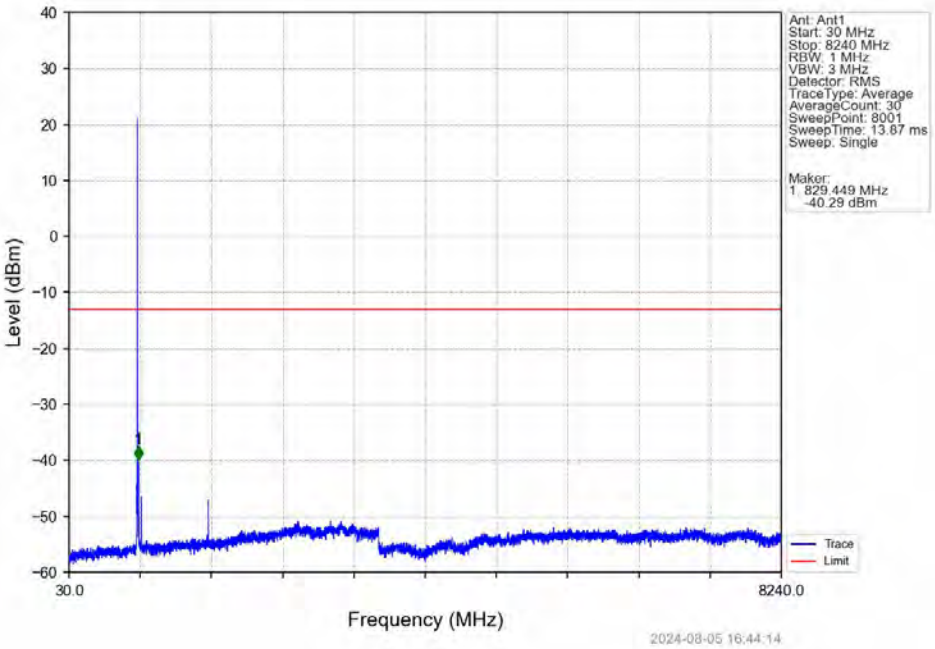


Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV

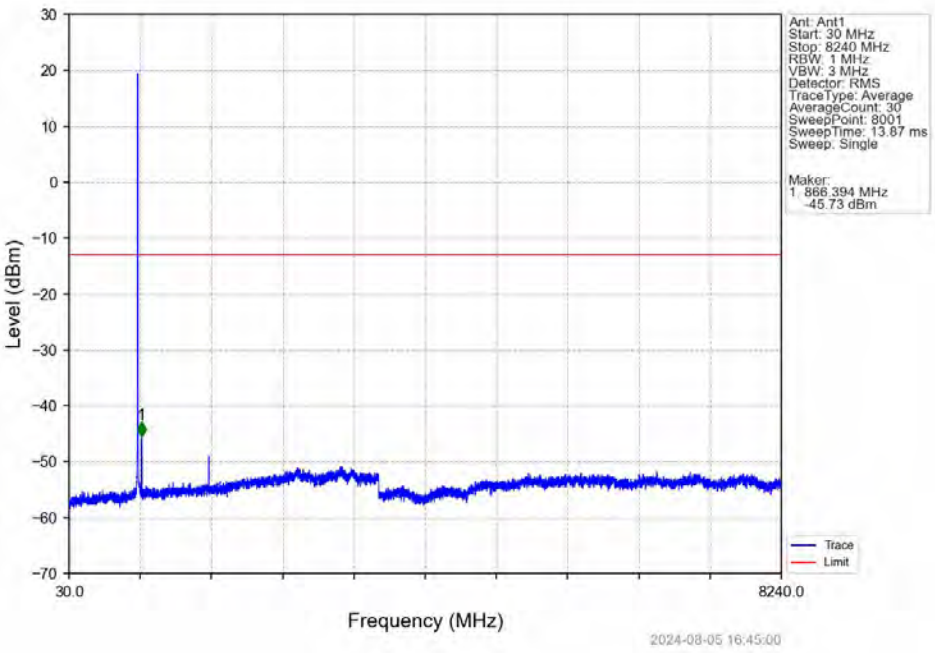



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 811 | 813 | 0.1 | CHP | 1 | 812.914 | -37.19 | -13 | Pass |
| 813 | 813.963 | 0.033 | / | 2 | 813.958 | -33.30 | -13 | Pass |
| 813.963 | 814 | 0.033 | / | 3 | 813.994 | -25.55 | -20 | Pass |
| 814 | 817 | 0.033 | / | / | / | / | / | / |

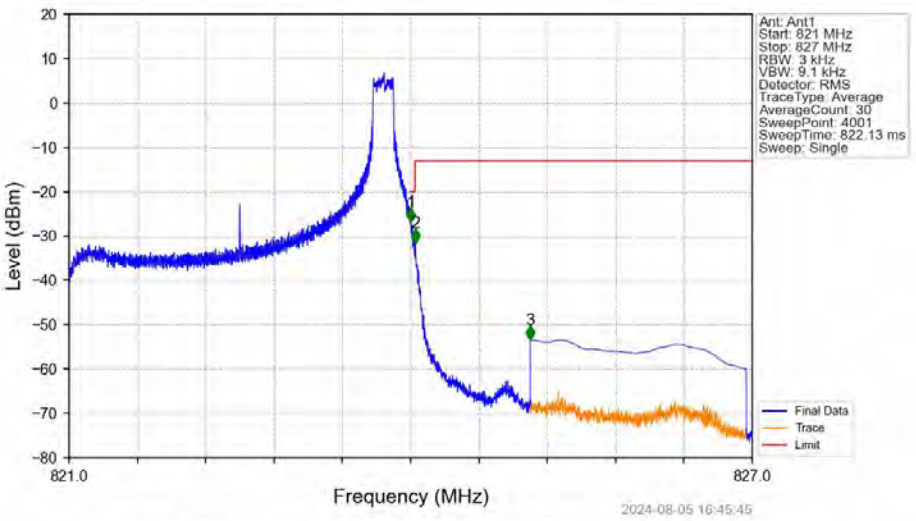
Band26a_3MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_0_NTNV

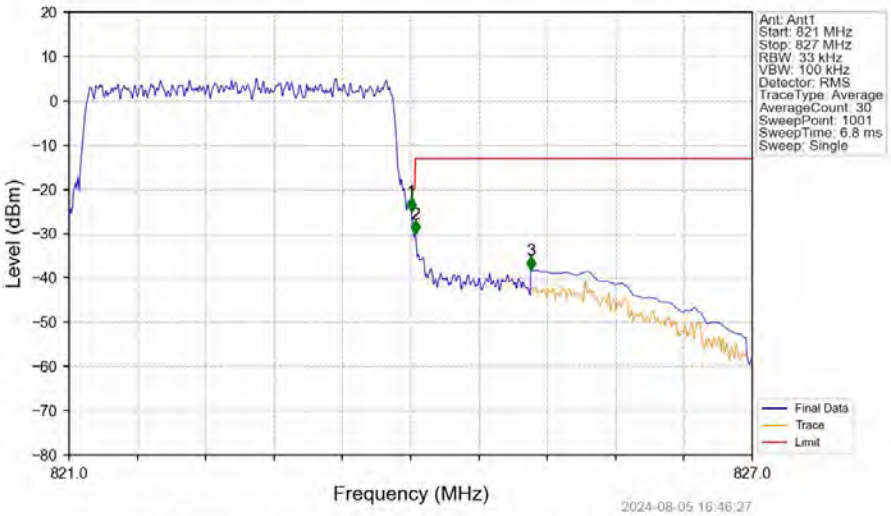



Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_14_NTNV



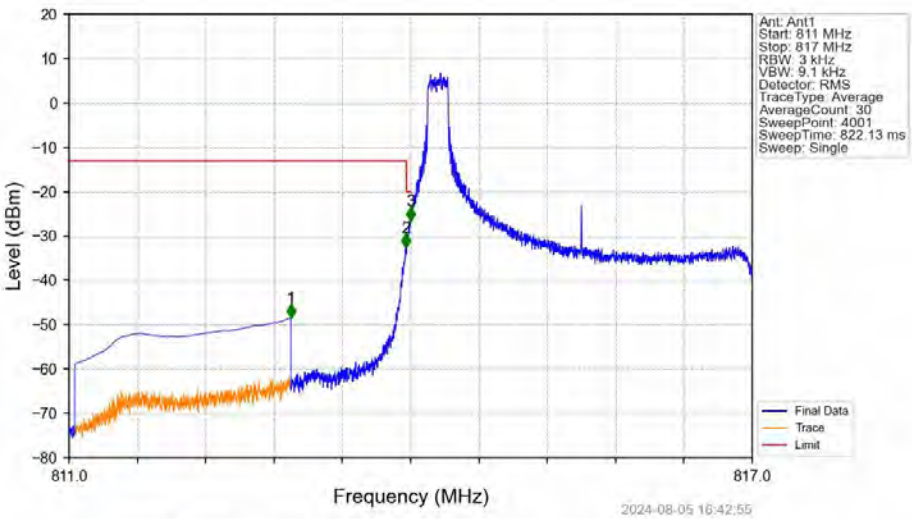

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 824 | 0.003 | / | / | / | / | / | / |
| 824 | 824.038 | 0.003 | / | 1 | 824.001 | -26.74 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.040 | -31.49 | -13 | Pass |
| 825 | 827 | 0.1 | CHP | 3 | 825.052 | -53.35 | -13 | Pass |

Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



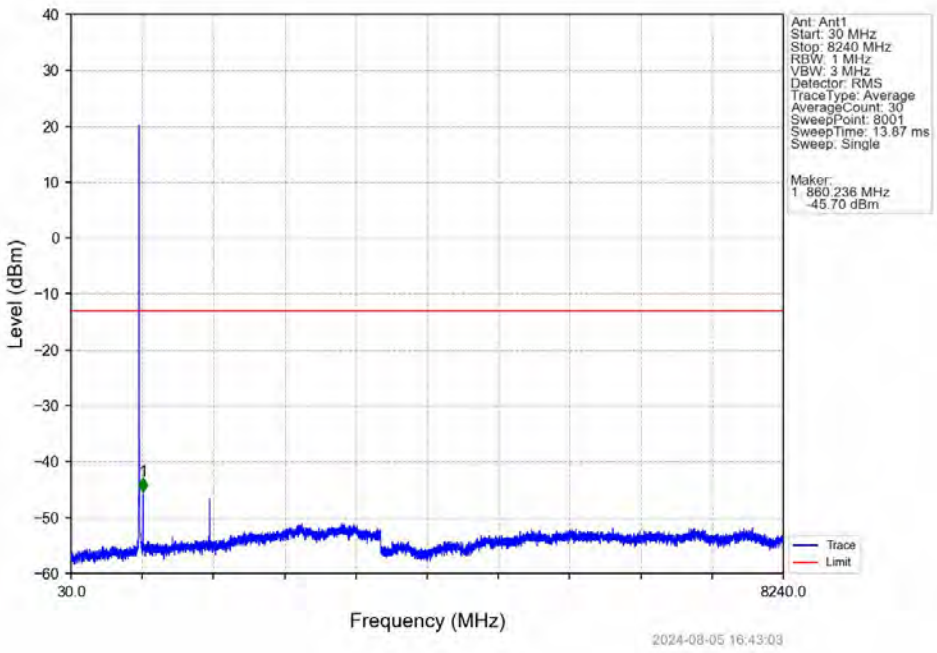

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 824 | 0.033 | / | / | / | / | / | / |
| 824 | 824.038 | 0.033 | / | 1 | 824.006 | -24.93 | -20 | Pass |
| 824.038 | 825 | 0.033 | / | 2 | 824.042 | -30.12 | -13 | Pass |
| 825 | 827 | 0.1 | CHP | 3 | 825.056 | -38.18 | -13 | Pass |

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_1_0_NTNV

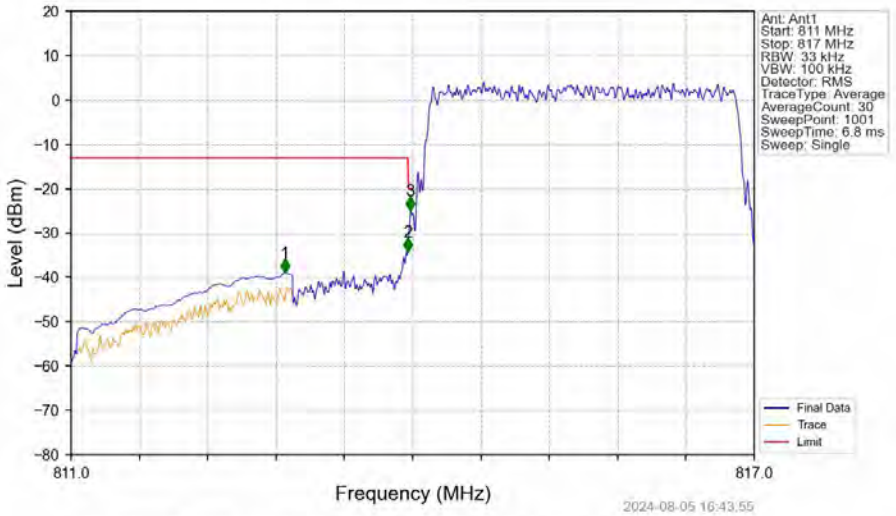



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 811 | 813 | 0.1 | CHP | 1 | 812.948 | -48.44 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.957 | -32.55 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.997 | -26.61 | -20 | Pass |
| 814 | 817 | 0.003 | / | / | / | / | / | / |

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_1_0_NTNV

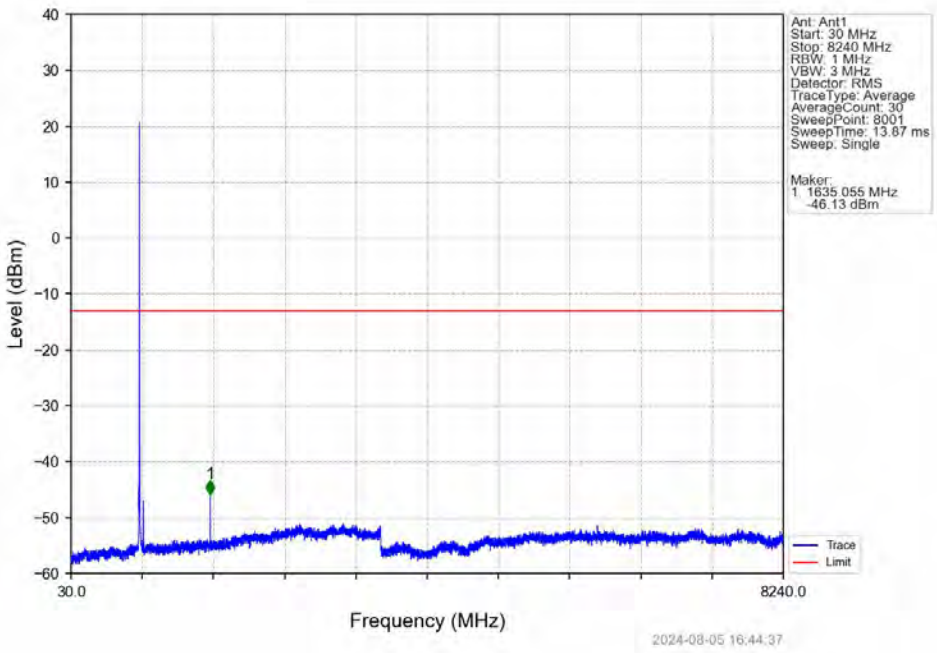



Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV

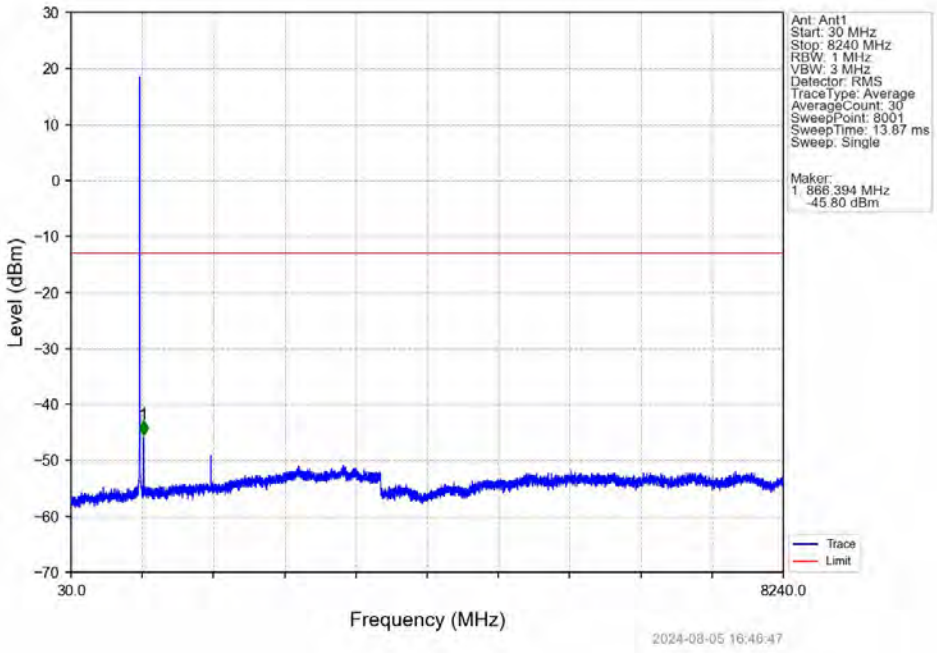



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 811 | 813 | 0.1 | CHP | 1 | 812.878 | -38.98 | -13 | Pass |
| 813 | 813.963 | 0.033 | / | 2 | 813.958 | -34.25 | -13 | Pass |
| 813.963 | 814 | 0.033 | / | 3 | 813.982 | -24.86 | -20 | Pass |
| 814 | 817 | 0.033 | / | / | / | / | / | / |

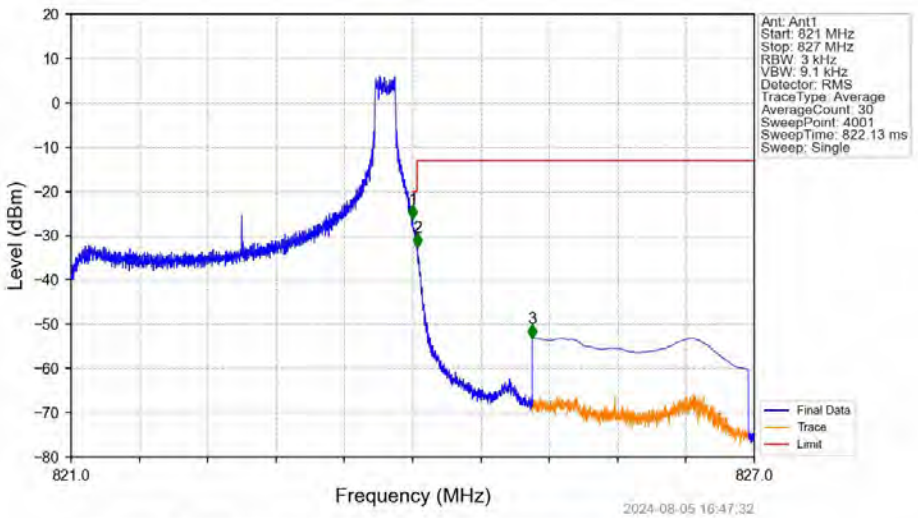
Band26a_3MHz_16QAM_MCH_819MHz_RB_1_0_NTNV




Band26a_3MHz_16QAM_HCH_822.5MHz_RB_1_0_NTNV

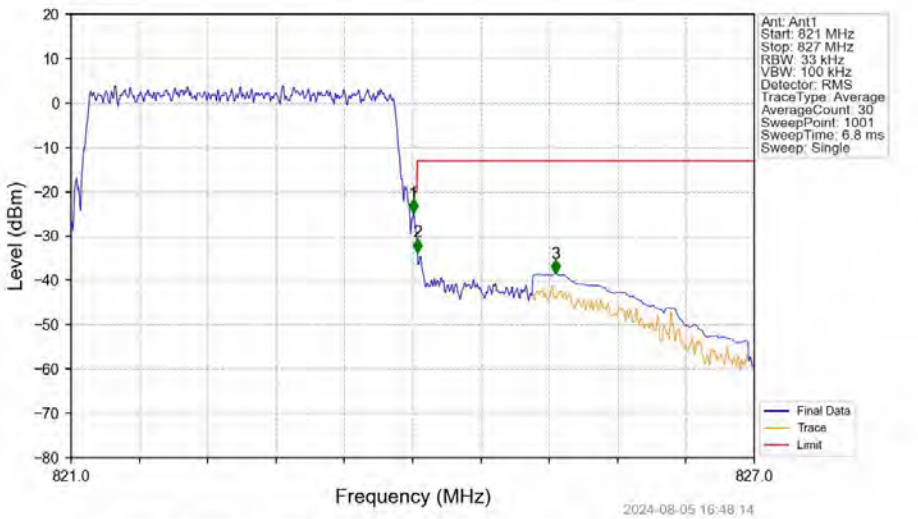


Band26a_3MHz_16QAM_HCH_822.5MHz_RB_1_14_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 824 | 0.003 | / | / | / | / | / | / |
| 824 | 824.038 | 0.003 | / | 1 | 824.001 | -26.17 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.042 | -32.66 | -13 | Pass |
| 825 | 827 | 0.1 | CHP | 3 | 825.052 | -53.14 | -13 | Pass |

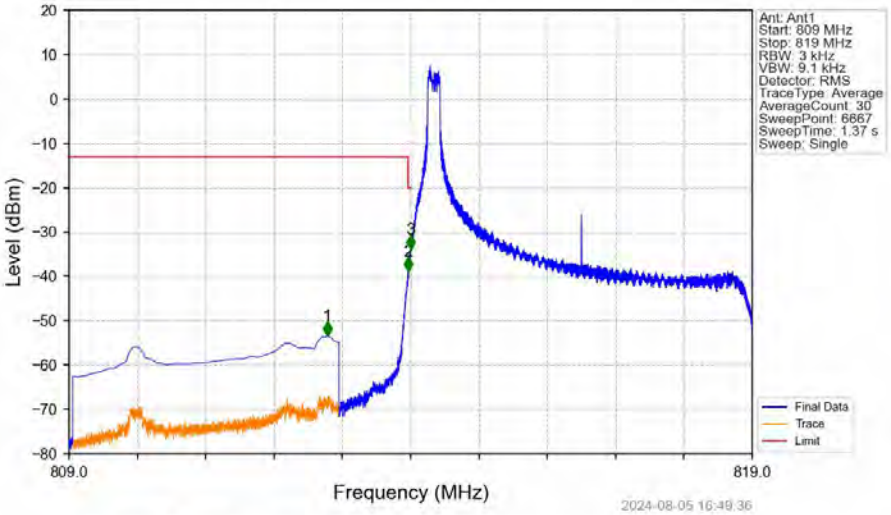
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 824 | 0.033 | / | / | / | / | / | / |
| 824 | 824.038 | 0.033 | / | 1 | 824.006 | -24.81 | -20 | Pass |
| 824.038 | 825 | 0.033 | / | 2 | 824.042 | -33.59 | -13 | Pass |
| 825 | 827 | 0.1 | CHP | 3 | 825.254 | -38.43 | -13 | Pass |

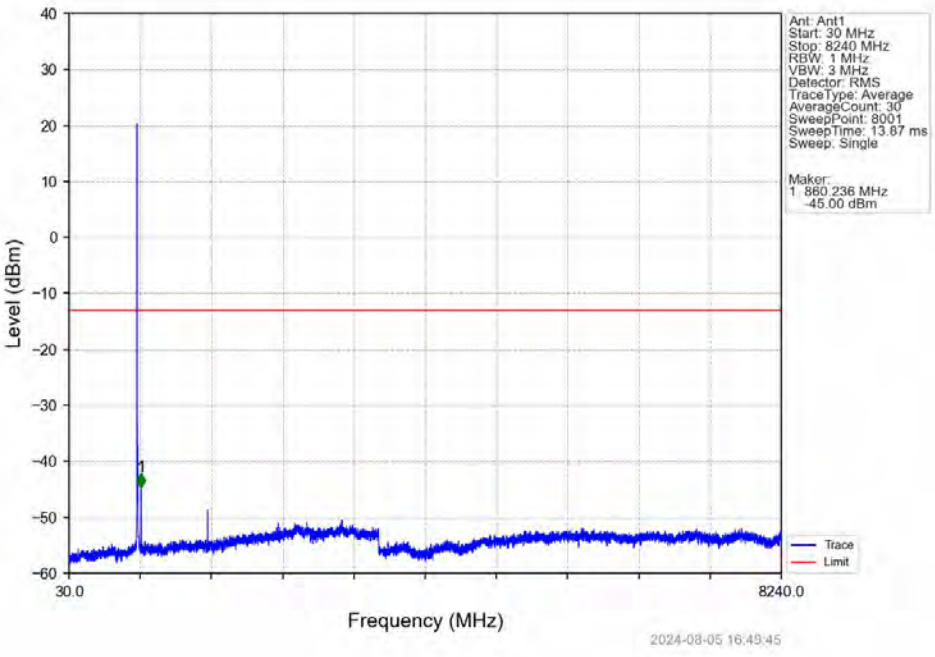
## 6.2.3 B26a_5MHz

Band26a_5MHz_QPSK_LCH_816.5MHz_RB_1_0_NTNV

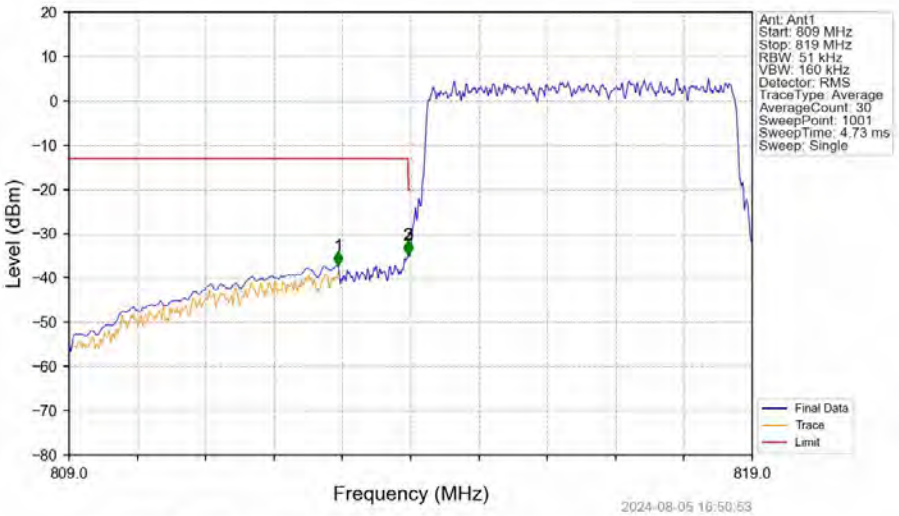



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 809 | 813 | 0.1 | CHP | 1 | 812.779 | -53.41 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.962 | -38.80 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.999 | -33.84 | -20 | Pass |
| 814 | 819 | 0.003 | / | / | / | / | / | / |

Band26a_5MHz_QPSK_LCH_816.5MHz_RB_1_0_NTNV

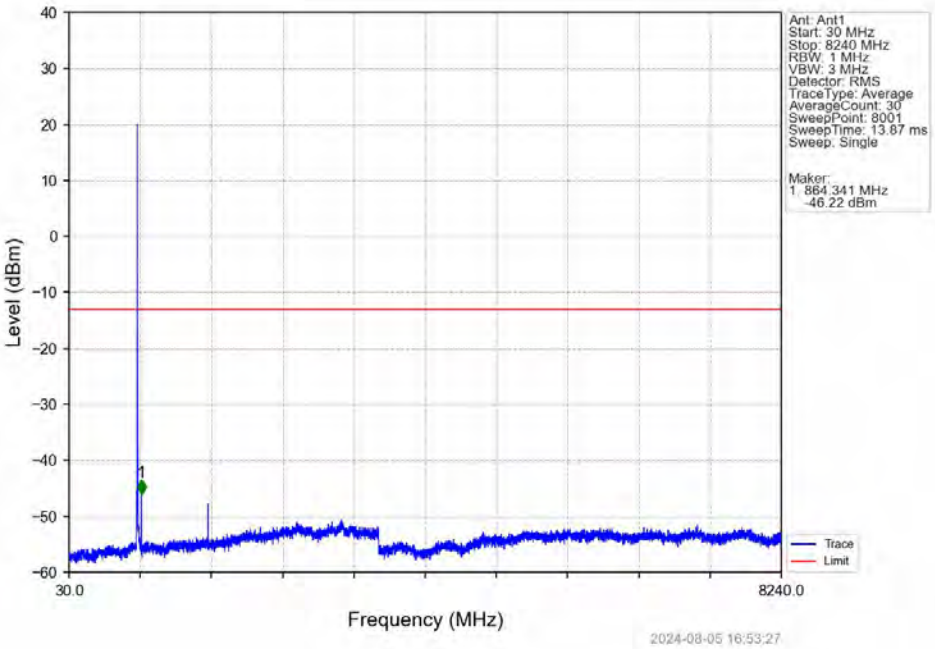


Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV

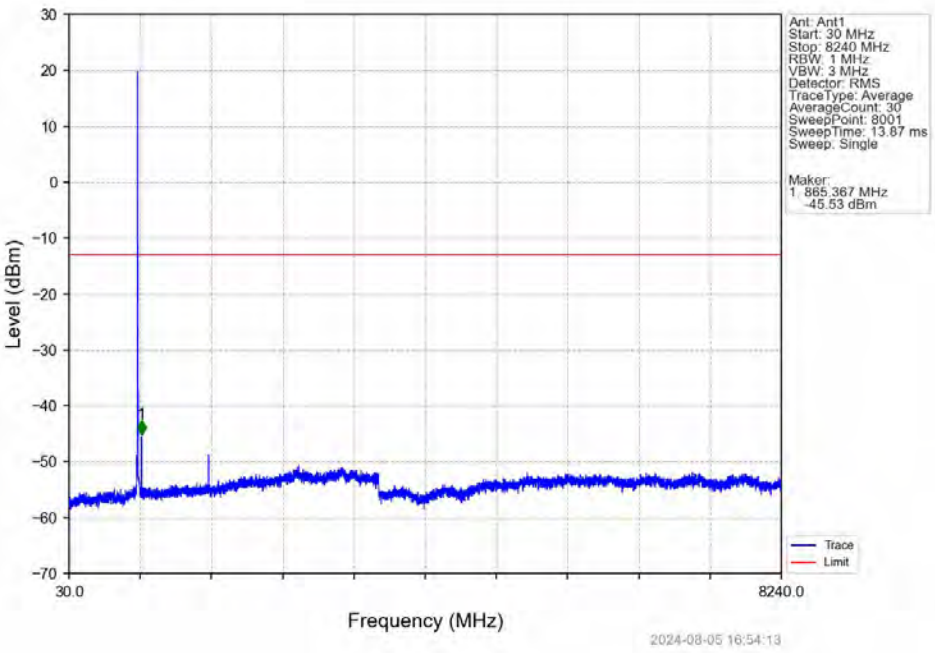



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 809 | 813 | 0.1 | CHP | 1 | 812.940 | -37.21 | -13 | Pass |
| 813 | 813.963 | 0.051 | / | 2 | 813.960 | -34.73 | -13 | Pass |
| 813.963 | 814 | 0.051 | / | 3 | 813.970 | -34.64 | -20 | Pass |
| 814 | 819 | 0.051 | / | / | / | / | / | / |

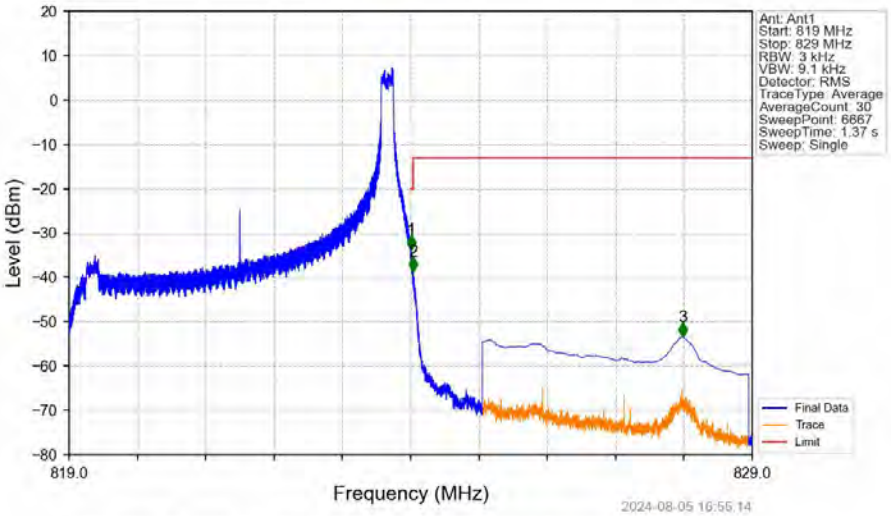
Band26a_5MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_0_NTNV

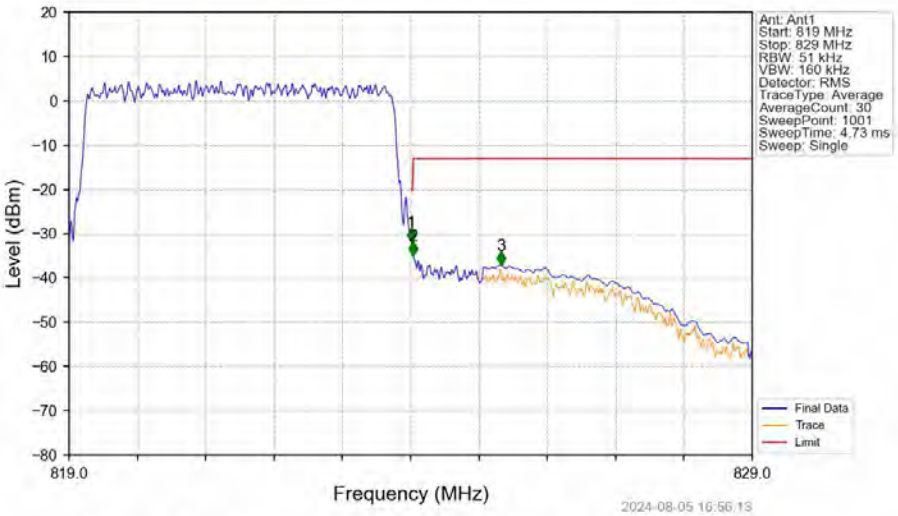



Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_24_NTNV



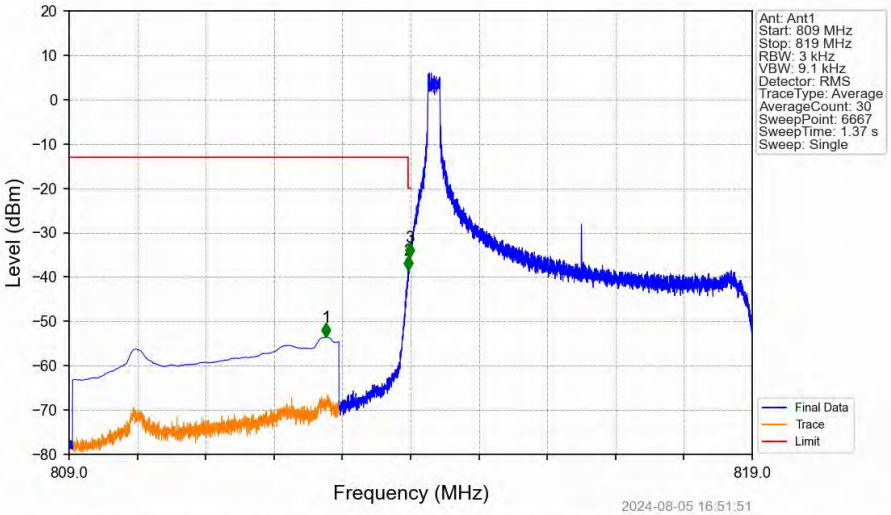

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 824 | 0.003 | / | / | / | / | / | / |
| 824 | 824.038 | 0.003 | / | 1 | 824.009 | -33.65 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.039 | -38.65 | -13 | Pass |
| 825 | 829 | 0.1 | CHP | 3 | 827.986 | -53.39 | -13 | Pass |

Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



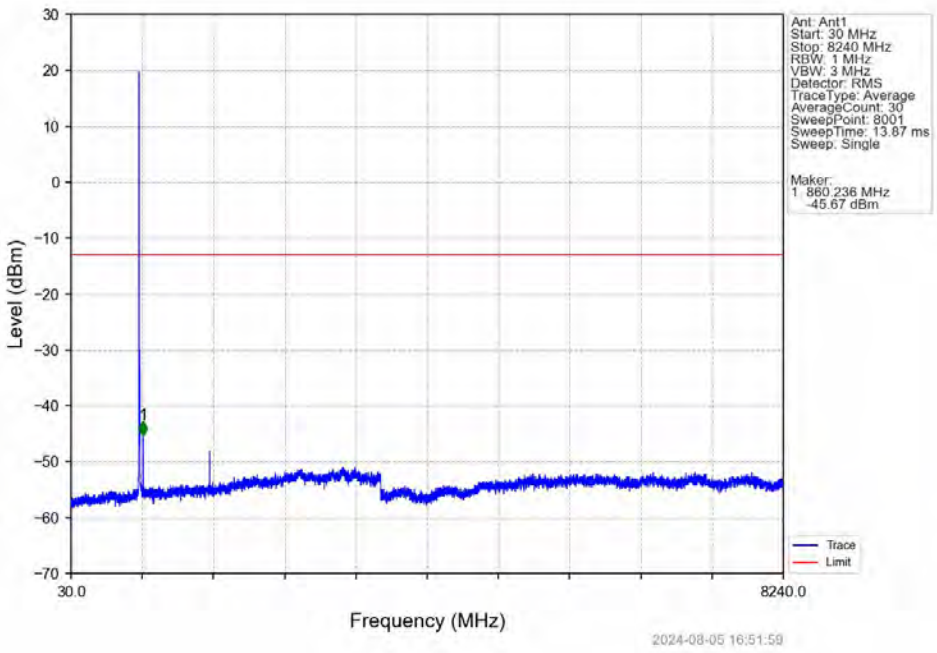

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 824 | 0.051 | / | / | / | / | / | / |
| 824 | 824.038 | 0.051 | / | 1 | 824.010 | -31.79 | -20 | Pass |
| 824.038 | 825 | 0.051 | / | 2 | 824.040 | -34.89 | -13 | Pass |
| 825 | 829 | 0.1 | CHP | 3 | 825.320 | -37.07 | -13 | Pass |

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_1_0_NTNV

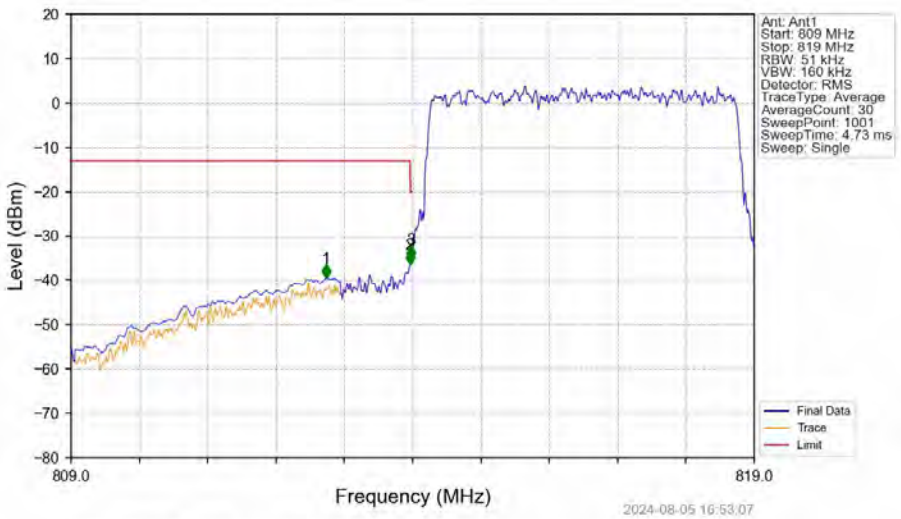



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 809 | 813 | 0.1 | CHP | 1 | 812.762 | -53.53 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.961 | -38.48 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.988 | -35.57 | -20 | Pass |
| 814 | 819 | 0.003 | / | / | / | / | / | / |

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_1_0_NTNV

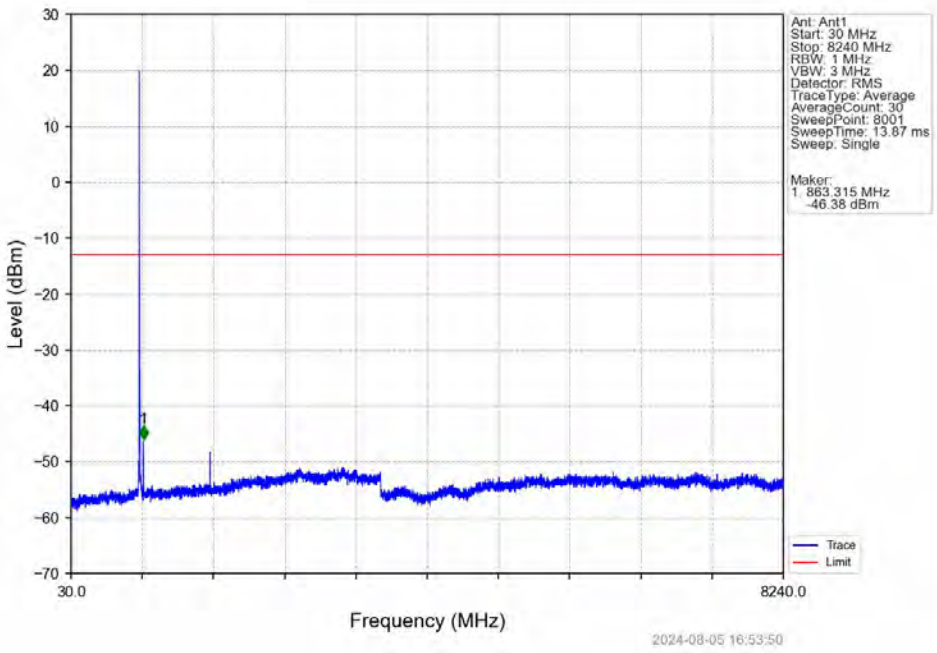



Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV

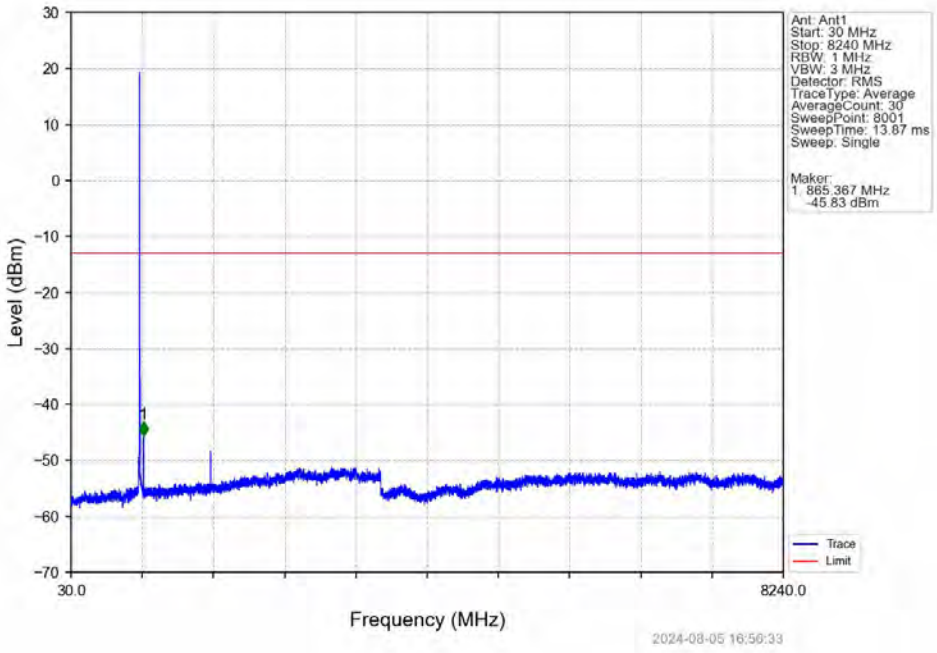



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 809 | 813 | 0.1 | CHP | 1 | 812.730 | -39.47 | -13 | Pass |
| 813 | 813.963 | 0.051 | / | 2 | 813.960 | -36.41 | -13 | Pass |
| 813.963 | 814 | 0.051 | / | 3 | 813.980 | -35.23 | -20 | Pass |
| 814 | 819 | 0.051 | / | / | / | / | / | / |

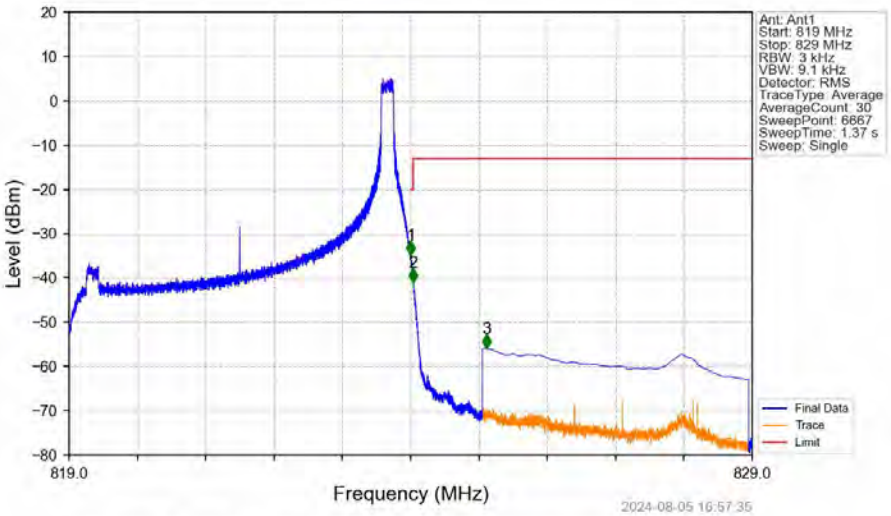
Band26a_5MHz_16QAM_MCH_819MHz_RB_1_0_NTNV




Band26a_5MHz_16QAM_HCH_821.5MHz_RB_1_0_NTNV

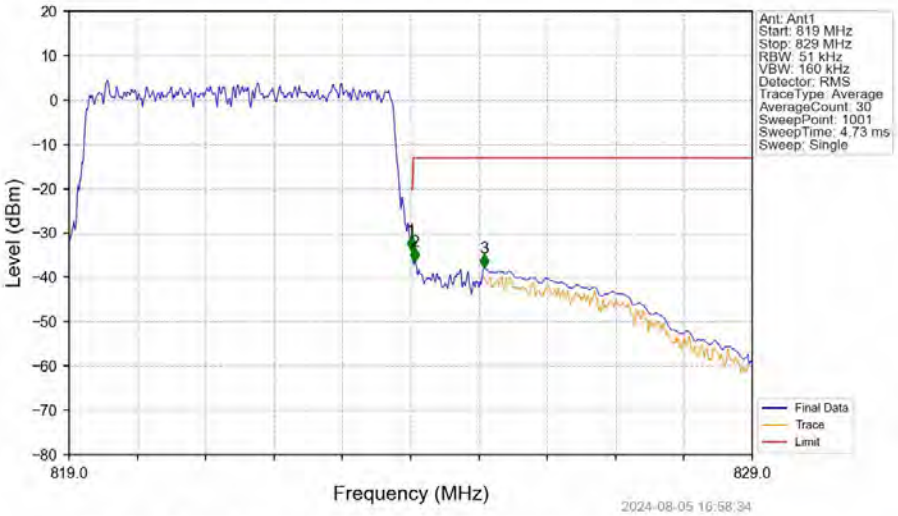


Band26a_5MHz_16QAM_HCH_821.5MHz_RB_1_24_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 824 | 0.003 | / | / | / | / | / | / |
| 824 | 824.038 | 0.003 | / | 1 | 824.001 | -34.82 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.038 | -40.88 | -13 | Pass |
| 825 | 829 | 0.1 | CHP | 3 | 825.107 | -55.83 | -13 | Pass |

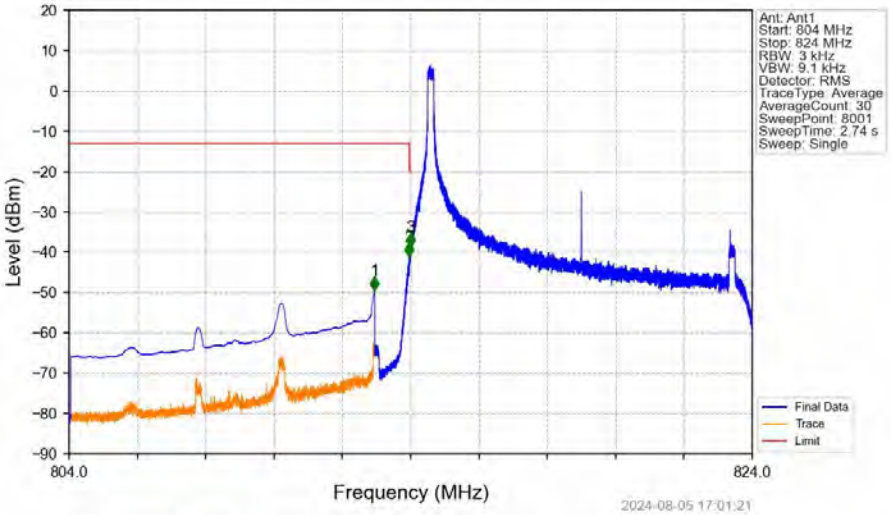
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 824 | 0.051 | / | / | / | / | / | / |
| 824 | 824.038 | 0.051 | / | 1 | 824.010 | -33.84 | -20 | Pass |
| 824.038 | 825 | 0.051 | / | 2 | 824.060 | -36.34 | -13 | Pass |
| 825 | 829 | 0.1 | CHP | 3 | 825.070 | -37.95 | -13 | Pass |

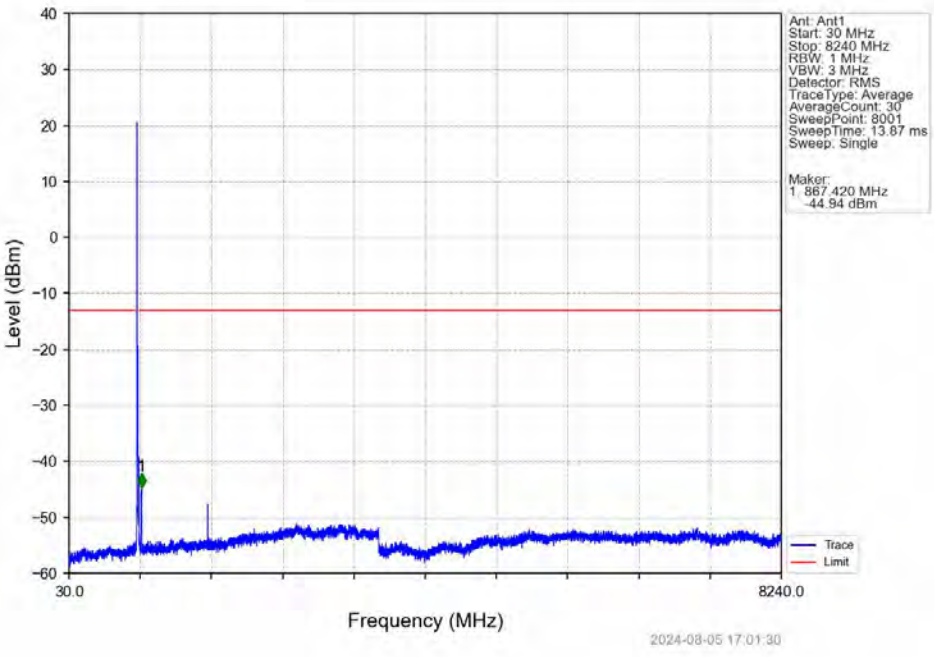
## 6.2.4 B26a_10MHz

Band26a_10MHz_QPSK_LCH_819MHz_RB_1_0_NTNV

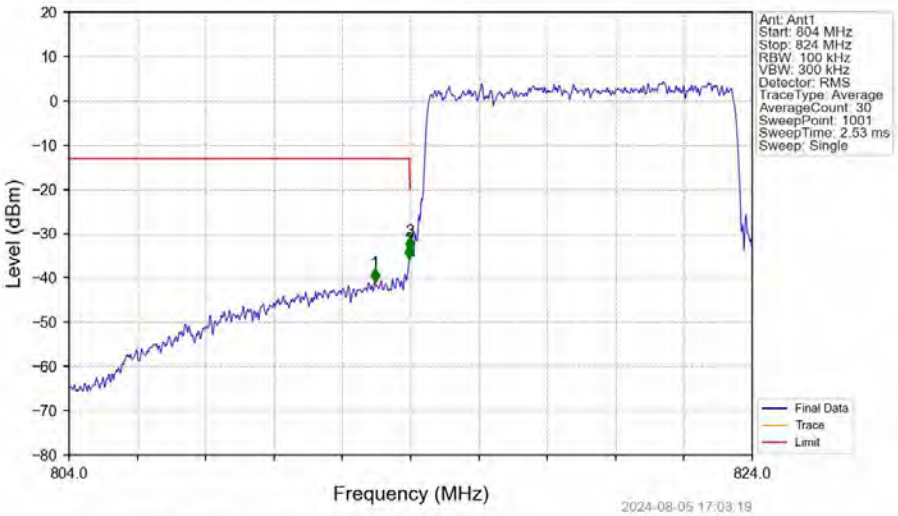



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 804 | 813 | 0.1 | CHP | 1 | 812.945 | -49.53 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.957 | -41.10 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.997 | -38.59 | -20 | Pass |
| 814 | 824 | 0.003 | / | / | / | / | / | / |

Band26a_10MHz_QPSK_LCH_819MHz_RB_1_0_NTNV

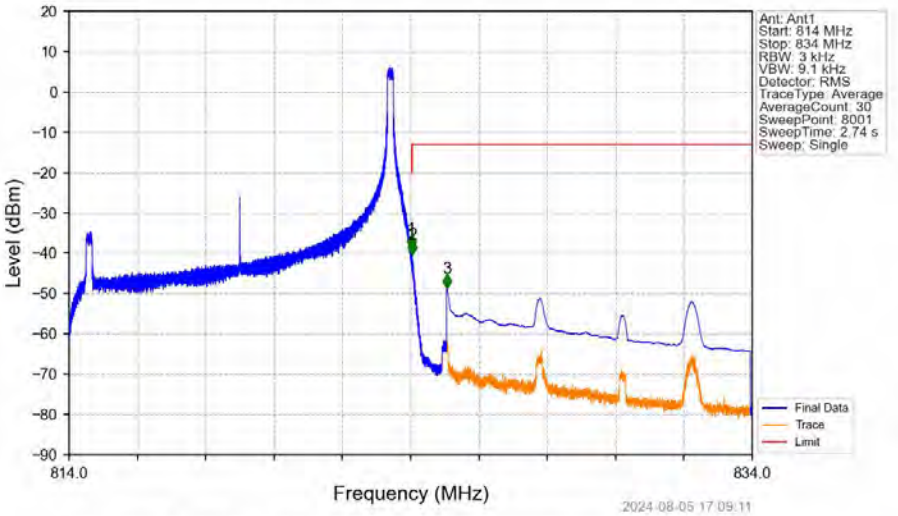


Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV



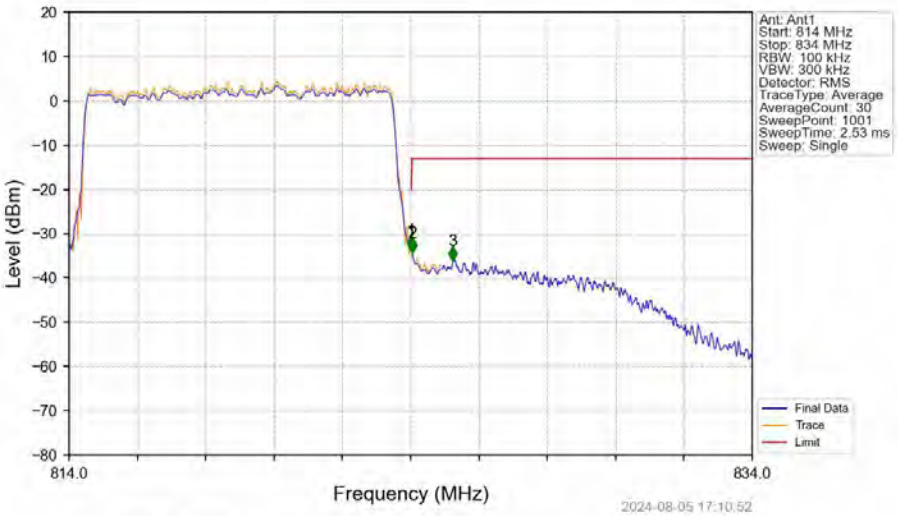

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 804 | 813 | 0.1 | / | 1 | 812.960 | -40.97 | -13 | Pass |
| 813 | 813.963 | 0.1 | / | 2 | 813.960 | -35.74 | -13 | Pass |
| 813.963 | 814 | 0.1 | / | 3 | 813.980 | -33.87 | -20 | Pass |
| 814 | 824 | 0.1 | / | / | / | / | / | / |

Band26a_10MHz_QPSK_HCH_819MHz_RB_1_49_NTNV



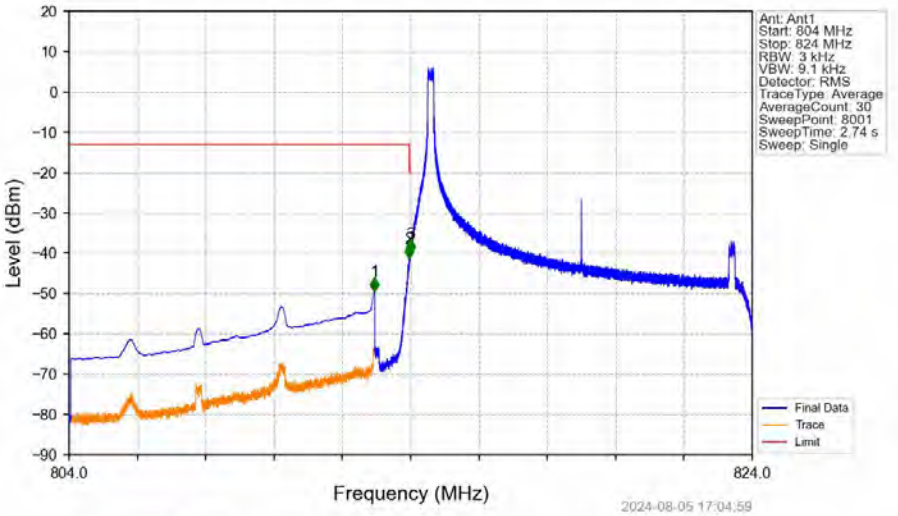

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 824 | 0.003 | / | / | / | / | / | / |
| 824 | 824.038 | 0.003 | / | 1 | 824.013 | -38.77 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.040 | -40.33 | -13 | Pass |
| 825 | 834 | 0.1 | CHP | 3 | 825.053 | -48.59 | -13 | Pass |

Band26a_10MHz_QPSK_HCH_819MHz_RB_50_0_NTNV



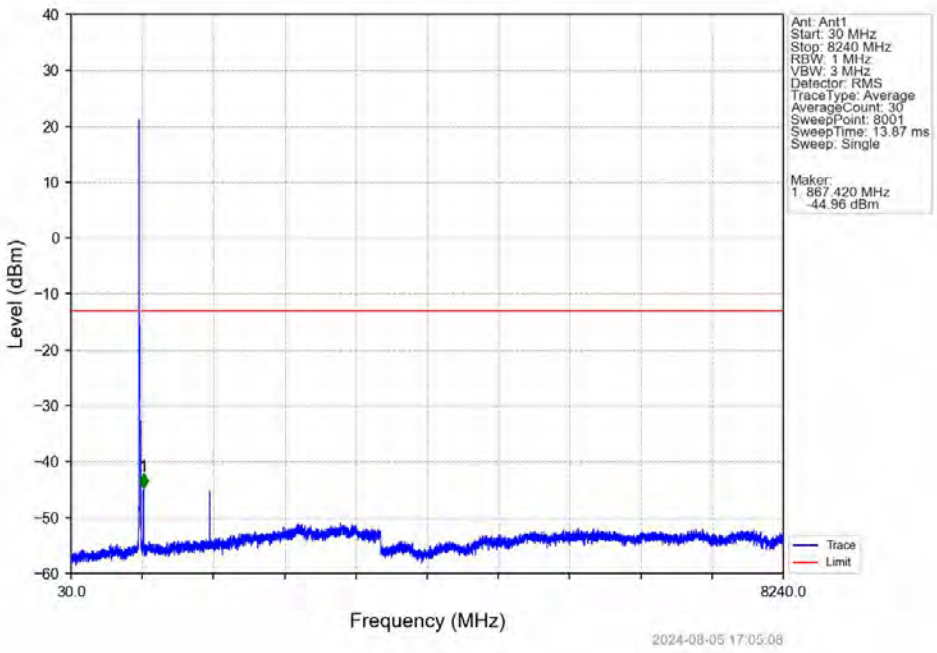

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 824 | 0.101 | CHP | / | / | / | / | / |
| 824 | 824.038 | 0.101 | CHP | 1 | 824.020 | -33.74 | -20 | Pass |
| 824.038 | 825 | 0.101 | CHP | 2 | 824.040 | -34.22 | -13 | Pass |
| 825 | 834 | 0.1 | / | 3 | 825.240 | -35.97 | -13 | Pass |

Band26a_10MHz_16QAM_LCH_819MHz_RB_1_0_NTNV

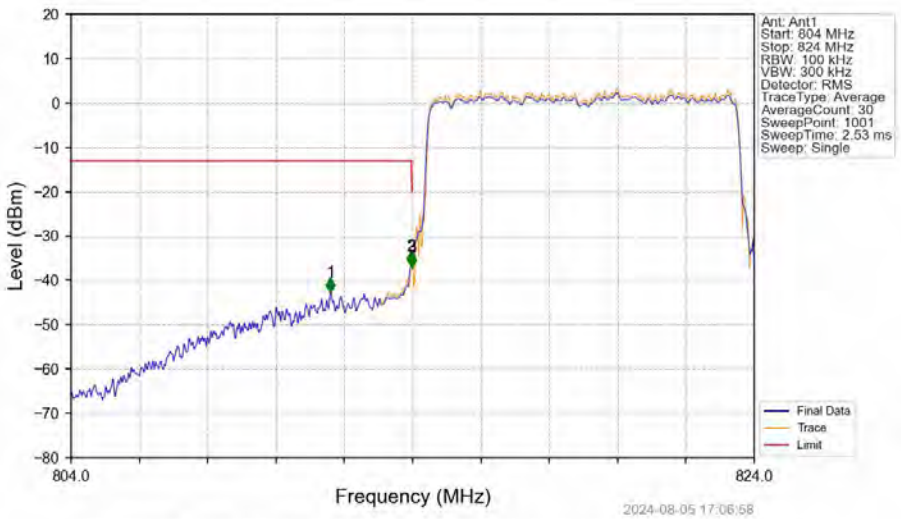



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 804 | 813 | 0.1 | CHP | 1 | 812.945 | -49.54 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.957 | -41.26 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.997 | -40.08 | -20 | Pass |
| 814 | 824 | 0.003 | / | / | / | / | / | / |

Band26a_10MHz_16QAM_LCH_819MHz_RB_1_0_NTNV

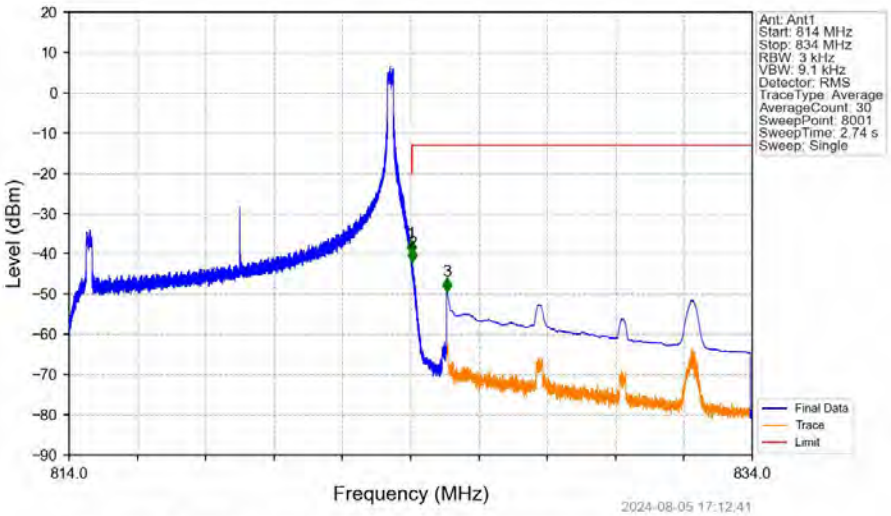



Band26a_10MHz_16QAM_LCH_819MHz_RB_50_0_NTNV



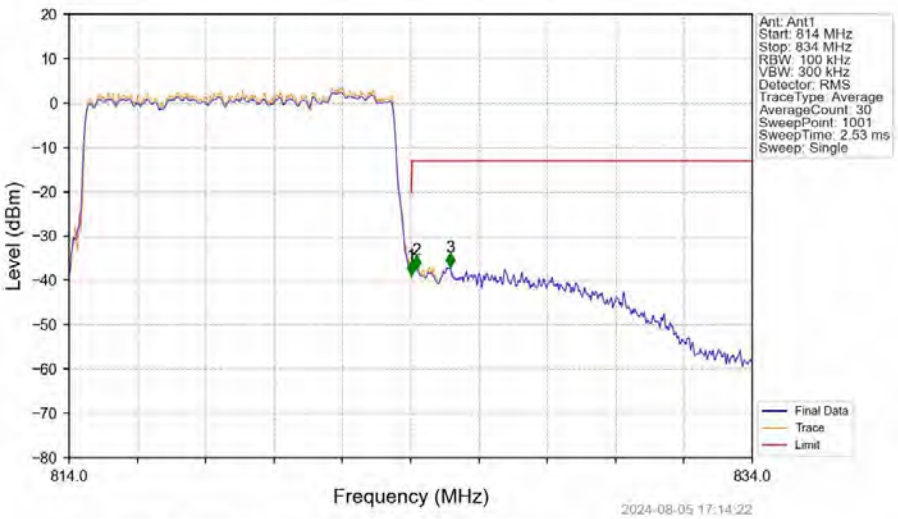

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 804 | 813 | 0.1 | / | 1 | 811.600 | -42.59 | -13 | Pass |
| 813 | 813.963 | 0.101 | CHP | 2 | 813.960 | -36.61 | -13 | Pass |
| 813.963 | 814 | 0.101 | CHP | 3 | 813.980 | -36.88 | -20 | Pass |
| 814 | 824 | 0.101 | CHP | / | / | / | / | / |

Band26a_10MHz_16QAM_HCH_819MHz_RB_1_49_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 824 | 0.003 | / | / | / | / | / | / |
| 824 | 824.038 | 0.003 | / | 1 | 824.013 | -39.95 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.043 | -41.97 | -13 | Pass |
| 825 | 834 | 0.1 | CHP | 3 | 825.053 | -49.37 | -13 | Pass |

Band26a_10MHz_16QAM_HCH_819MHz_RB_50_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 824 | 0.101 | CHP | / | / | / | / | / |
| 824 | 824.038 | 0.101 | CHP | 1 | 824.020 | -38.75 | -20 | Pass |
| 824.038 | 825 | 0.101 | CHP | 2 | 824.160 | -37.53 | -13 | Pass |
| 825 | 834 | 0.1 | / | 3 | 825.160 | -36.94 | -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) |
|---|---|---|---|---|---|---|---|---|---|
| 26a | 1.4 | 814.7 | 823.3 | 0.1641 | 0.0527 | ppm | 1M12G7D | / | 22.15 |
| 26a | 1.4 | 814.7 | 823.3 | 0.1702 | 0.0513 | ppm | 1M12W7D | / | 22.31 |
| 26a | 3 | 815.5 | 822.5 | 0.1660 | 0.0529 | ppm | 2M77G7D | / | 22.20 |
| 26a | 3 | 815.5 | 822.5 | 0.1726 | 0.0535 | ppm | 2M77W7D | / | 22.37 |
| 26a | 5 | 816.5 | 821.5 | 0.1633 | 0.0382 | ppm | 4M56G7D | / | 22.13 |
| 26a | 5 | 816.5 | 821.5 | 0.1493 | 0.0471 | ppm | 4M56W7D | / | 21.74 |
| 26a | 10 | 819 | 819 | 0.1574 | 0.0375 | ppm | 9M04G7D | / | 21.97 |
| 26a | 10 | 819 | 819 | 0.1435 | 0.0385 | ppm | 9M05W7D | / | 21.57 |

### 7.1.2 Form731_ERP

| Band | BW | Lower Freq | High Freq | MAX Power (W) | Value | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| 26a | 1.4 | 814.7 | 823.3 | 0.0849 | 0.0527 | ppm | 1M12G7D | / | 19.29 |
| 26a | 1.4 | 814.7 | 823.3 | 0.0881 | 0.0513 | ppm | 1M12W7D | / | 19.45 |
| 26a | 3 | 815.5 | 822.5 | 0.0859 | 0.0529 | ppm | 2M77G7D | / | 19.34 |
| 26a | 3 | 815.5 | 822.5 | 0.0893 | 0.0535 | ppm | 2M77W7D | / | 19.51 |
| 26a | 5 | 816.5 | 821.5 | 0.0845 | 0.0382 | ppm | 4M56G7D | / | 19.27 |
| 26a | 5 | 816.5 | 821.5 | 0.0773 | 0.0471 | ppm | 4M56W7D | / | 18.88 |
| 26a | 10 | 819 | 819 | 0.0815 | 0.0375 | ppm | 9M04G7D | / | 19.11 |
| 26a | 10 | 819 | 819 | 0.0743 | 0.0385 | ppm | 9M05W7D | / | 18.71 |