# 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 | 21.83 | -2.75 | 16.93 | <=38.45 | Pass |
| | | | 2 | 21.94 | -2.75 | 17.04 | <=38.45 | Pass |
| | | | 5 | 21.93 | -2.75 | 17.03 | <=38.45 | Pass |
| | | 3 | 0 | 21.92 | -2.75 | 17.02 | <=38.45 | Pass |
| | | | 2 | 21.83 | -2.75 | 16.93 | <=38.45 | Pass |
| | | | 3 | 21.92 | -2.75 | 17.02 | <=38.45 | Pass |
| | | 6 | 0 | 21.28 | -2.75 | 16.38 | <=38.45 | Pass |
| | 819 | 1 | 0 | 21.86 | -2.75 | 16.96 | <=38.45 | Pass |
| | | | 2 | 21.86 | -2.75 | 16.96 | <=38.45 | Pass |
| | | | 5 | 21.90 | -2.75 | 17.00 | <=38.45 | Pass |
| | | 3 | 0 | 21.92 | -2.75 | 17.02 | <=38.45 | Pass |
| | | | 2 | 21.81 | -2.75 | 16.91 | <=38.45 | Pass |
| | | | 3 | 21.89 | -2.75 | 16.99 | <=38.45 | Pass |
| | | 6 | 0 | 21.43 | -2.75 | 16.53 | <=38.45 | Pass |
| | 823.3 | 1 | 0 | 21.79 | -2.75 | 16.89 | <=38.45 | Pass |
| | | | 2 | 21.80 | -2.75 | 16.90 | <=38.45 | Pass |
| | | | 5 | 21.77 | -2.75 | 16.87 | <=38.45 | Pass |
| | | 3 | 0 | 21.90 | -2.75 | 17.00 | <=38.45 | Pass |
| | | | 2 | 21.92 | -2.75 | 17.02 | <=38.45 | Pass |
| | | | 3 | 21.87 | -2.75 | 16.97 | <=38.45 | Pass |
| | | 6 | 0 | 21.41 | -2.75 | 16.51 | <=38.45 | Pass |
| 16QAM | 814.7 | 1 | 0 | 20.99 | -2.75 | 16.09 | <=38.45 | Pass |
| | | | 2 | 20.98 | -2.75 | 16.08 | <=38.45 | Pass |
| | | | 5 | 20.99 | -2.75 | 16.09 | <=38.45 | Pass |
| | | 3 | 0 | 20.64 | -2.75 | 15.74 | <=38.45 | Pass |
| | | | 2 | 20.67 | -2.75 | 15.77 | <=38.45 | Pass |
| | | | 3 | 20.65 | -2.75 | 15.75 | <=38.45 | Pass |
| | | 6 | 0 | 20.04 | -2.75 | 15.14 | <=38.45 | Pass |
| | 819 | 1 | 0 | 21.82 | -2.75 | 16.92 | <=38.45 | Pass |
| | | | 2 | 21.82 | -2.75 | 16.92 | <=38.45 | Pass |
| | | | 5 | 21.88 | -2.75 | 16.98 | <=38.45 | Pass |
| | | 3 | 0 | 20.91 | -2.75 | 16.01 | <=38.45 | Pass |
| | | | 2 | 20.95 | -2.75 | 16.05 | <=38.45 | Pass |
| | | | 3 | 20.91 | -2.75 | 16.01 | <=38.45 | Pass |
| | | 6 | 0 | 20.00 | -2.75 | 15.10 | <=38.45 | Pass |
| | 823.3 | 1 | 0 | 21.42 | -2.75 | 16.52 | <=38.45 | Pass |
| | | | 2 | 21.43 | -2.75 | 16.53 | <=38.45 | Pass |
| | | | 5 | 21.41 | -2.75 | 16.51 | <=38.45 | Pass |
| | | 3 | 0 | 20.73 | -2.75 | 15.83 | <=38.45 | Pass |
| | | | 2 | 20.74 | -2.75 | 15.84 | <=38.45 | Pass |
| | | | 3 | 20.73 | -2.75 | 15.83 | <=38.45 | Pass |
| | | 6 | 0 | 19.92 | -2.75 | 15.02 | <=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 | 21.92 | -2.75 | 17.02 | <=38.45 | Pass |
| | | | 7 | 21.88 | -2.75 | 16.98 | <=38.45 | Pass |
| | | | 14 | 22.03 | -2.75 | 17.13 | <=38.45 | Pass |
| | | 8 | 0 | 21.38 | -2.75 | 16.48 | <=38.45 | Pass |
| | | | 4 | 21.41 | -2.75 | 16.51 | <=38.45 | Pass |
| | | | 7 | 21.37 | -2.75 | 16.47 | <=38.45 | Pass |
| | | 15 | 0 | 21.35 | -2.75 | 16.45 | <=38.45 | Pass |
| | 819 | 1 | 0 | 21.94 | -2.75 | 17.04 | <=38.45 | Pass |
| | | | 7 | 21.85 | -2.75 | 16.95 | <=38.45 | Pass |
| | | | 14 | 21.90 | -2.75 | 17.00 | <=38.45 | Pass |
| | | 8 | 0 | 21.34 | -2.75 | 16.44 | <=38.45 | Pass |
| | | | 4 | 21.39 | -2.75 | 16.49 | <=38.45 | Pass |
| | | | 7 | 21.33 | -2.75 | 16.43 | <=38.45 | Pass |
| | | 15 | 0 | 21.34 | -2.75 | 16.44 | <=38.45 | Pass |
| | 822.5 | 1 | 0 | 21.81 | -2.75 | 16.91 | <=38.45 | Pass |
| | | | 7 | 21.75 | -2.75 | 16.85 | <=38.45 | Pass |
| | | | 14 | 21.74 | -2.75 | 16.84 | <=38.45 | Pass |
| | | 8 | 0 | 21.40 | -2.75 | 16.50 | <=38.45 | Pass |
| | | | 4 | 21.30 | -2.75 | 16.40 | <=38.45 | Pass |
| | | | 7 | 21.39 | -2.75 | 16.49 | <=38.45 | Pass |
| | | 15 | 0 | 21.34 | -2.75 | 16.44 | <=38.45 | Pass |
| 16QAM | 815.5 | 1 | 0 | 20.97 | -2.75 | 16.07 | <=38.45 | Pass |
| | | | 7 | 20.93 | -2.75 | 16.03 | <=38.45 | Pass |
| | | | 14 | 21.02 | -2.75 | 16.12 | <=38.45 | Pass |
| | | 8 | 0 | 20.17 | -2.75 | 15.27 | <=38.45 | Pass |
| | | | 4 | 20.12 | -2.75 | 15.22 | <=38.45 | Pass |
| | | | 7 | 20.10 | -2.75 | 15.20 | <=38.45 | Pass |
| | | 15 | 0 | 20.01 | -2.75 | 15.11 | <=38.45 | Pass |
| | 819 | 1 | 0 | 22.20 | -2.75 | 17.30 | <=38.45 | Pass |
| | | | 7 | 22.21 | -2.75 | 17.31 | <=38.45 | Pass |
| | | | 14 | 22.14 | -2.75 | 17.24 | <=38.45 | Pass |
| | | 8 | 0 | 19.98 | -2.75 | 15.08 | <=38.45 | Pass |
| | | | 4 | 20.01 | -2.75 | 15.11 | <=38.45 | Pass |
| | | | 7 | 20.00 | -2.75 | 15.10 | <=38.45 | Pass |
| | | 15 | 0 | 19.94 | -2.75 | 15.04 | <=38.45 | Pass |
| | 822.5 | 1 | 0 | 21.63 | -2.75 | 16.73 | <=38.45 | Pass |
| | | | 7 | 21.78 | -2.75 | 16.88 | <=38.45 | Pass |
| | | | 14 | 21.65 | -2.75 | 16.75 | <=38.45 | Pass |
| | | 8 | 0 | 20.60 | -2.75 | 15.70 | <=38.45 | Pass |
| | | | 4 | 20.04 | -2.75 | 15.14 | <=38.45 | Pass |
| | | | 7 | 20.14 | -2.75 | 15.24 | <=38.45 | Pass |
| | | 15 | 0 | 19.99 | -2.75 | 15.09 | <=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 | 21.72 | -2.75 | 16.82 | <=38.45 | Pass |
| | | | 13 | 21.72 | -2.75 | 16.82 | <=38.45 | Pass |
| | | | 24 | 21.66 | -2.75 | 16.76 | <=38.45 | Pass |
| | | 12 | 0 | 21.27 | -2.75 | 16.37 | <=38.45 | Pass |
| | | | 6 | 21.40 | -2.75 | 16.50 | <=38.45 | Pass |
| | | | 13 | 21.41 | -2.75 | 16.51 | <=38.45 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 25 | 0 | 21.40 | -2.75 | 16.50 | <=38.45 | Pass |
| | 819 | 1 | 0 | 21.86 | -2.75 | 16.96 | <=38.45 | Pass |
| | | | 13 | 21.78 | -2.75 | 16.88 | <=38.45 | Pass |
| | | | 24 | 21.82 | -2.75 | 16.92 | <=38.45 | Pass |
| | | 12 | 0 | 21.35 | -2.75 | 16.45 | <=38.45 | Pass |
| | | | 6 | 21.35 | -2.75 | 16.45 | <=38.45 | Pass |
| | | | 13 | 21.35 | -2.75 | 16.45 | <=38.45 | Pass |
| | | 25 | 0 | 21.36 | -2.75 | 16.46 | <=38.45 | Pass |
| | 821.5 | 1 | 0 | 21.81 | -2.75 | 16.91 | <=38.45 | Pass |
| | | | 13 | 21.82 | -2.75 | 16.92 | <=38.45 | Pass |
| | | | 24 | 21.80 | -2.75 | 16.90 | <=38.45 | Pass |
| | | 12 | 0 | 21.29 | -2.75 | 16.39 | <=38.45 | Pass |
| | | | 6 | 21.30 | -2.75 | 16.40 | <=38.45 | Pass |
| | | | 13 | 21.46 | -2.75 | 16.56 | <=38.45 | Pass |
| | | 25 | 0 | 21.38 | -2.75 | 16.48 | <=38.45 | Pass |
| 16QAM | 816.5 | 1 | 0 | 21.40 | -2.75 | 16.50 | <=38.45 | Pass |
| | | | 13 | 21.47 | -2.75 | 16.57 | <=38.45 | Pass |
| | | | 24 | 21.41 | -2.75 | 16.51 | <=38.45 | Pass |
| | | 12 | 0 | 19.91 | -2.75 | 15.01 | <=38.45 | Pass |
| | | | 6 | 19.95 | -2.75 | 15.05 | <=38.45 | Pass |
| | | | 13 | 19.92 | -2.75 | 15.02 | <=38.45 | Pass |
| | | 25 | 0 | 19.94 | -2.75 | 15.04 | <=38.45 | Pass |
| | 819 | 1 | 0 | 21.52 | -2.75 | 16.62 | <=38.45 | Pass |
| | | | 13 | 21.52 | -2.75 | 16.62 | <=38.45 | Pass |
| | | | 24 | 21.40 | -2.75 | 16.50 | <=38.45 | Pass |
| | | 12 | 0 | 19.85 | -2.75 | 14.95 | <=38.45 | Pass |
| | | | 6 | 19.87 | -2.75 | 14.97 | <=38.45 | Pass |
| | | | 13 | 20.35 | -2.75 | 15.45 | <=38.45 | Pass |
| | | 25 | 0 | 19.91 | -2.75 | 15.01 | <=38.45 | Pass |
| | 821.5 | 1 | 0 | 20.47 | -2.75 | 15.57 | <=38.45 | Pass |
| | | | 13 | 20.39 | -2.75 | 15.49 | <=38.45 | Pass |
| | | | 24 | 20.46 | -2.75 | 15.56 | <=38.45 | Pass |
| | | 12 | 0 | 20.28 | -2.75 | 15.38 | <=38.45 | Pass |
| | | | 6 | 20.32 | -2.75 | 15.42 | <=38.45 | Pass |
| | | | 13 | 19.91 | -2.75 | 15.01 | <=38.45 | Pass |
| | | 25 | 0 | 20.35 | -2.75 | 15.45 | <=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 | 21.63 | -2.75 | 16.73 | <=38.45 | Pass |
| | | | 25 | 21.64 | -2.75 | 16.74 | <=38.45 | Pass |
| | | | 49 | 21.61 | -2.75 | 16.71 | <=38.45 | Pass |
| | | 25 | 0 | 21.32 | -2.75 | 16.42 | <=38.45 | Pass |
| | | | 13 | 21.27 | -2.75 | 16.37 | <=38.45 | Pass |
| | | | 25 | 21.25 | -2.75 | 16.35 | <=38.45 | Pass |
| | | 50 | 0 | 21.18 | -2.75 | 16.28 | <=38.45 | Pass |
| 16QAM | 819 | 1 | 0 | 21.60 | -2.75 | 16.70 | <=38.45 | Pass |
| | | | 25 | 21.68 | -2.75 | 16.78 | <=38.45 | Pass |
| | | | 49 | 21.59 | -2.75 | 16.69 | <=38.45 | Pass |
| | | 25 | 0 | 19.79 | -2.75 | 14.89 | <=38.45 | Pass |
| | | | 13 | 19.79 | -2.75 | 14.89 | <=38.45 | Pass |
| | | | 25 | 20.13 | -2.75 | 15.23 | <=38.45 | Pass |
| | | 50 | 0 | 19.85 | -2.75 | 14.95 | <=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 | 27.223 | 0.0334 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -22.073 | -0.0271 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -0.529 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -42.701 | -0.0524 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -42.958 | -0.0527 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -39.511 | -0.0485 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -28.038 | -0.0344 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -11.458 | -0.0141 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -38.795 | -0.0476 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -0.515 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -13.189 | -0.0162 | -2.5 to 2.5 | Pass |
| | 819 | 6 | 0 | 20 | 3.27 | 25.849 | 0.0316 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -2.732 | -0.0033 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -31.700 | -0.0387 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 3.119 | 0.0038 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -4.978 | -0.0061 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -18.854 | -0.0230 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -39.082 | -0.0477 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -17.281 | -0.0211 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -22.016 | -0.0269 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -20.342 | -0.0248 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -18.740 | -0.0229 | -2.5 to 2.5 | Pass |
| | 823.3 | 6 | 0 | 20 | 3.27 | 18.840 | 0.0229 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -16.580 | -0.0201 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -41.428 | -0.0503 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -41.900 | -0.0509 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -20.127 | -0.0244 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -41.070 | -0.0499 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -12.574 | -0.0153 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -17.366 | -0.0211 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -35.706 | -0.0434 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -41.642 | -0.0506 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -34.633 | -0.0421 | -2.5 to 2.5 | Pass |
| 16QAM | 814.7 | 6 | 0 | 20 | 3.27 | -26.994 | -0.0331 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -17.323 | -0.0213 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -8.354 | -0.0103 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.373 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 16.980 | 0.0208 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 23.561 | 0.0289 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 21.572 | 0.0265 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 25.020 | 0.0307 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 26.064 | 0.0320 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 20.041 | 0.0246 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 31.900 | 0.0392 | -2.5 to 2.5 | Pass |
| | 819 | 6 | 0 | 20 | 3.27 | -31.013 | -0.0379 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 3.85 | 3.533 | 0.0043 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 27.022 | 0.0330 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 6.237 | 0.0076 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 20.399 | 0.0249 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 10.200 | 0.0125 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 14.720 | 0.0180 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 22.287 | 0.0272 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 24.376 | 0.0298 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 10.500 | 0.0128 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 8.411 | 0.0103 | -2.5 to 2.5 | Pass |
| | 823.3 | 6 | 0 | 20 | 3.27 | -30.913 | -0.0375 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -8.368 | -0.0102 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 6.223 | 0.0076 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 27.223 | 0.0331 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 38.509 | 0.0468 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 1.531 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 1.745 | 0.0021 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -2.246 | -0.0027 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 4.821 | 0.0059 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -4.263 | -0.0052 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 4.892 | 0.0059 | -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 | 16.866 | 0.0207 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -25.191 | -0.0309 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -33.932 | -0.0416 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -45.304 | -0.0556 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -21.844 | -0.0268 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -30.985 | -0.0380 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -19.155 | -0.0235 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -38.924 | -0.0477 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -22.774 | -0.0279 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -42.229 | -0.0518 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -12.116 | -0.0149 | -2.5 to 2.5 | Pass |
| | 819 | 15 | 0 | 20 | 3.27 | 25.134 | 0.0307 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 3.548 | 0.0043 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -29.540 | -0.0361 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -43.402 | -0.0530 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -17.953 | -0.0219 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -37.808 | -0.0462 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -6.166 | -0.0075 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -15.392 | -0.0188 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -18.625 | -0.0227 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -24.319 | -0.0297 | -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 | 14.977 | 0.0182 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -6.766 | -0.0082 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -37.022 | -0.0450 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -13.247 | -0.0161 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -25.506 | -0.0310 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -42.458 | -0.0516 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.186 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -7.997 | -0.0097 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 30 | 3.85 | -9.871 | -0.0120 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -10.858 | -0.0132 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -24.605 | -0.0299 | -2.5 to 2.5 | Pass |
| 16QAM | 815.5 | 15 | 0 | 20 | 3.27 | -33.731 | -0.0414 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -6.895 | -0.0085 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 10.400 | 0.0128 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 15.793 | 0.0194 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 34.504 | 0.0423 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 41.599 | 0.0510 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 38.824 | 0.0476 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 27.151 | 0.0333 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 26.922 | 0.0330 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 26.708 | 0.0328 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 29.311 | 0.0359 | -2.5 to 2.5 | Pass |
| | 819 | 15 | 0 | 20 | 3.27 | -43.430 | -0.0530 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -39.911 | -0.0487 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -27.952 | -0.0341 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -22.230 | -0.0271 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -8.254 | -0.0101 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 4.077 | 0.0050 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 23.289 | 0.0284 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 30.112 | 0.0368 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 3.133 | 0.0038 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 15.535 | 0.0190 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 22.502 | 0.0275 | -2.5 to 2.5 | Pass |
| | 822.5 | 15 | 0 | 20 | 3.27 | -25.606 | -0.0311 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 10.500 | 0.0128 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 32.701 | 0.0398 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -1.545 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.161 | 0.0038 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 3.047 | 0.0037 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 6.709 | 0.0082 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 5.922 | 0.0072 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 18.139 | 0.0221 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 14.977 | 0.0182 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 17.023 | 0.0207 | -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 | 10.529 | 0.0129 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -44.847 | -0.0549 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -16.279 | -0.0199 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -4.148 | -0.0051 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -23.203 | -0.0284 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -28.338 | -0.0347 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -22.073 | -0.0270 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -1.559 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -30.627 | -0.0375 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -44.246 | -0.0542 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -9.255 | -0.0113 | -2.5 to 2.5 | Pass |
| | 819 | 25 | 0 | 20 | 3.27 | 21.515 | 0.0263 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 5.593 | 0.0068 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -25.592 | -0.0312 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -23.475 | -0.0287 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -20 | 3.85 | -13.433 | -0.0164 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -25.163 | -0.0307 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -38.781 | -0.0474 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -44.632 | -0.0545 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -42.014 | -0.0513 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -2.632 | -0.0032 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -11.015 | -0.0134 | -2.5 to 2.5 | Pass |
| | 821.5 | 25 | 0 | 20 | 3.27 | 14.534 | 0.0177 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -13.618 | -0.0166 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -2.875 | -0.0035 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -29.097 | -0.0354 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -43.359 | -0.0528 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -4.663 | -0.0057 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -7.381 | -0.0090 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -17.581 | -0.0214 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -18.525 | -0.0226 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -25.206 | -0.0307 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -30.084 | -0.0366 | -2.5 to 2.5 | Pass |
| 16QAM | 816.5 | 25 | 0 | 20 | 3.27 | -11.458 | -0.0140 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -0.887 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 31.142 | 0.0381 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 40.655 | 0.0498 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 43.015 | 0.0527 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 40.483 | 0.0496 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.176 | 0.0039 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 8.311 | 0.0102 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 6.852 | 0.0084 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 10.772 | 0.0132 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 17.452 | 0.0214 | -2.5 to 2.5 | Pass |
| | 819 | 25 | 0 | 20 | 3.27 | -10.715 | -0.0131 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 18.597 | 0.0227 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 26.951 | 0.0329 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 8.340 | 0.0102 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 15.550 | 0.0190 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 14.405 | 0.0176 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 7.367 | 0.0090 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.903 | 0.0023 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -3.633 | -0.0044 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -15.736 | -0.0192 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -20.857 | -0.0255 | -2.5 to 2.5 | Pass |
| | 821.5 | 25 | 0 | 20 | 3.27 | -36.979 | -0.0450 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -17.624 | -0.0215 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 2.503 | 0.0030 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 15.278 | 0.0186 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 27.037 | 0.0329 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 31.729 | 0.0386 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 27.967 | 0.0340 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 31.128 | 0.0379 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 22.745 | 0.0277 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 21.901 | 0.0267 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 21.486 | 0.0262 | -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 | -30.684 | -0.0375 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -17.681 | -0.0216 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -29.683 | -0.0362 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -19.097 | -0.0233 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -32.930 | -0.0402 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -12.646 | -0.0154 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -27.137 | -0.0331 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -7.267 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -1.445 | -0.0018 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -28.210 | -0.0344 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -14.563 | -0.0178 | -2.5 to 2.5 | Pass |
| 16QAM | 819 | 50 | 0 | 20 | 3.27 | -40.469 | -0.0494 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -26.522 | -0.0324 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -2.789 | -0.0034 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.130 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 9.284 | 0.0113 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 10.958 | 0.0134 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 15.922 | 0.0194 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 6.480 | 0.0079 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 3.562 | 0.0043 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 13.390 | 0.0163 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 10.285 | 0.0126 | -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 |

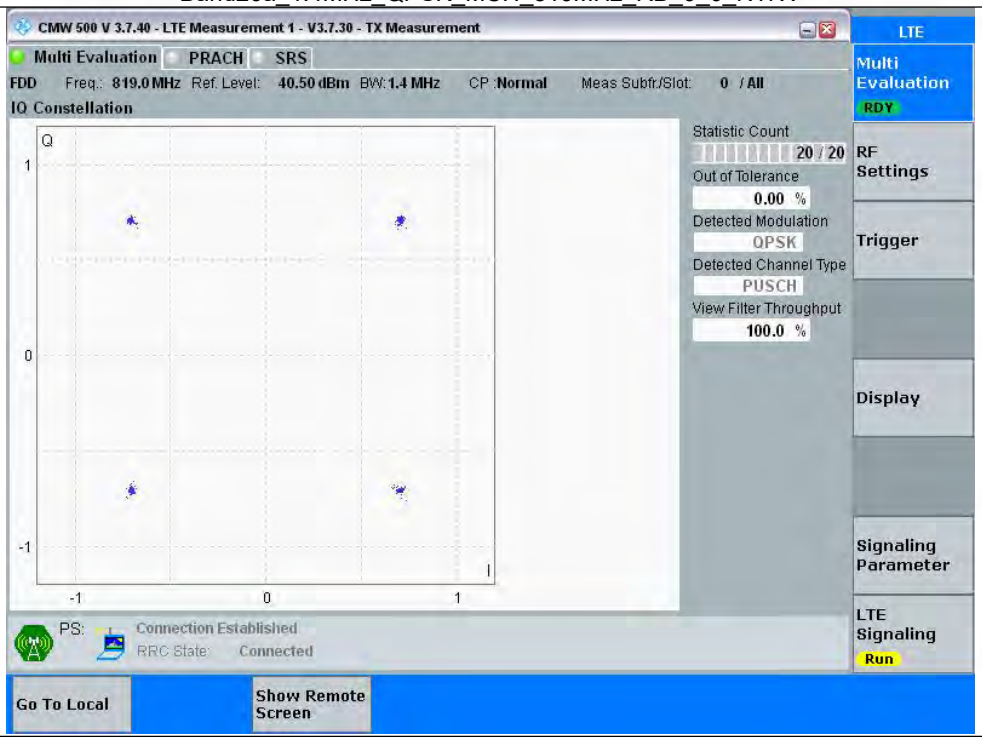
### 3.1.4 B26a_10MHz

| 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 |

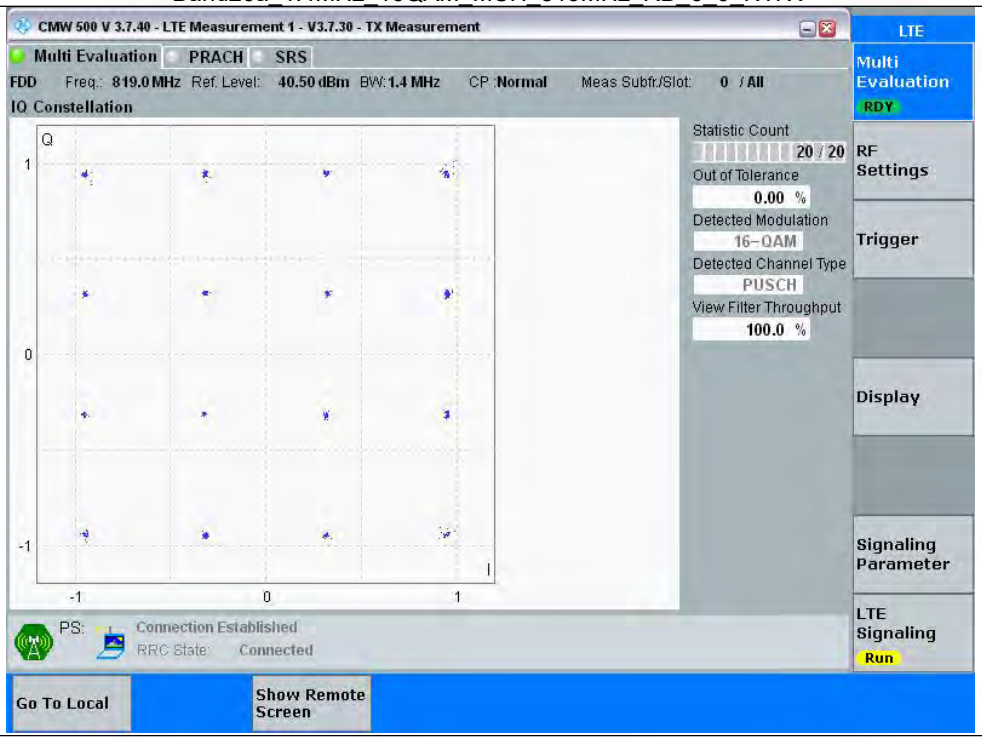
## 3.2 Test Graph

### 3.2.1 B26a_1.4MHz

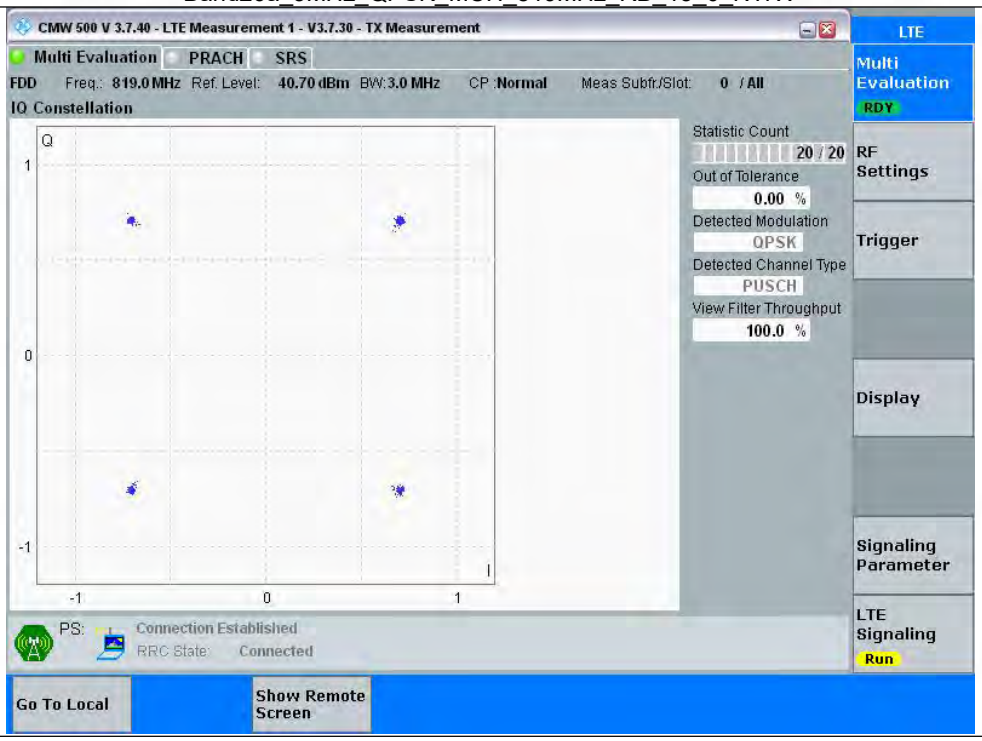
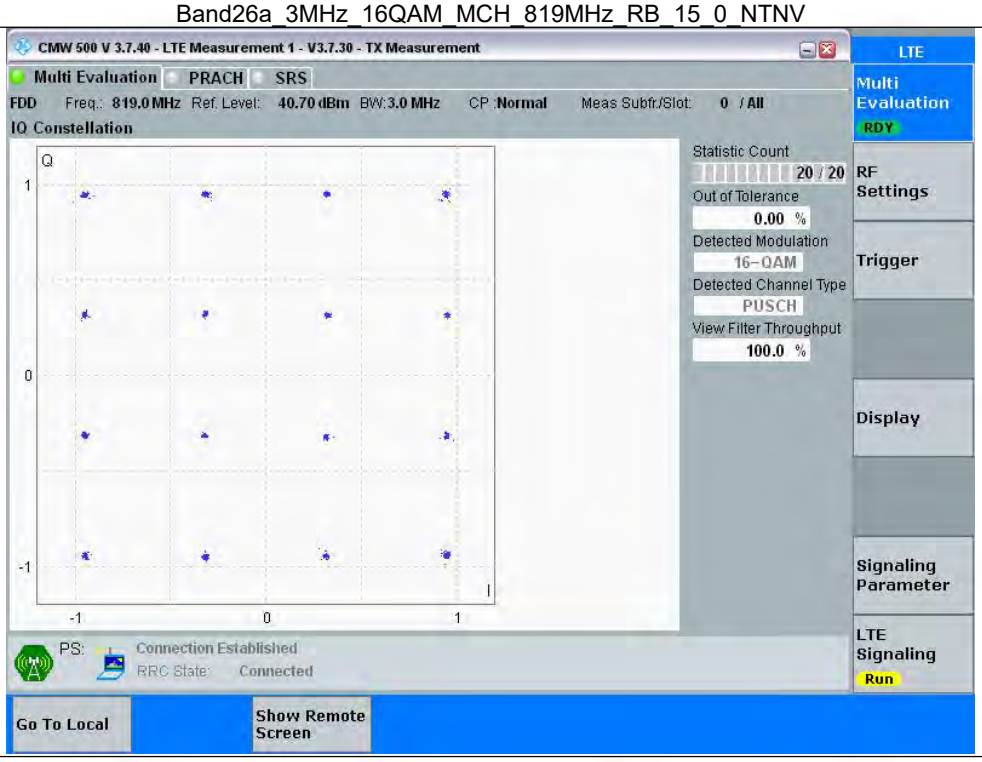
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



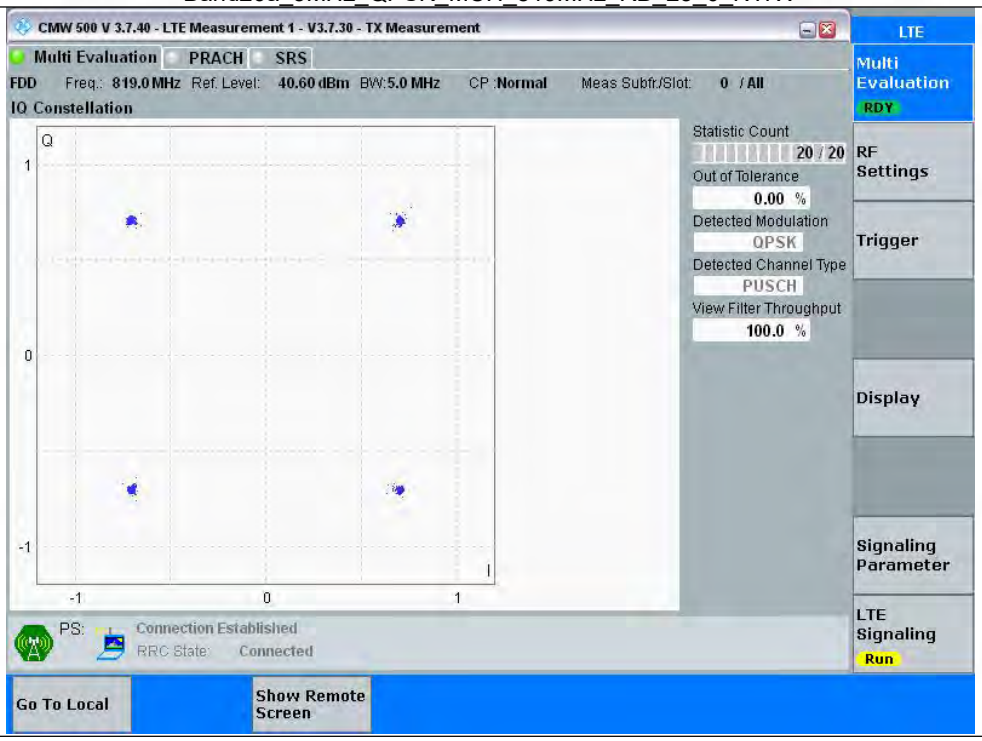
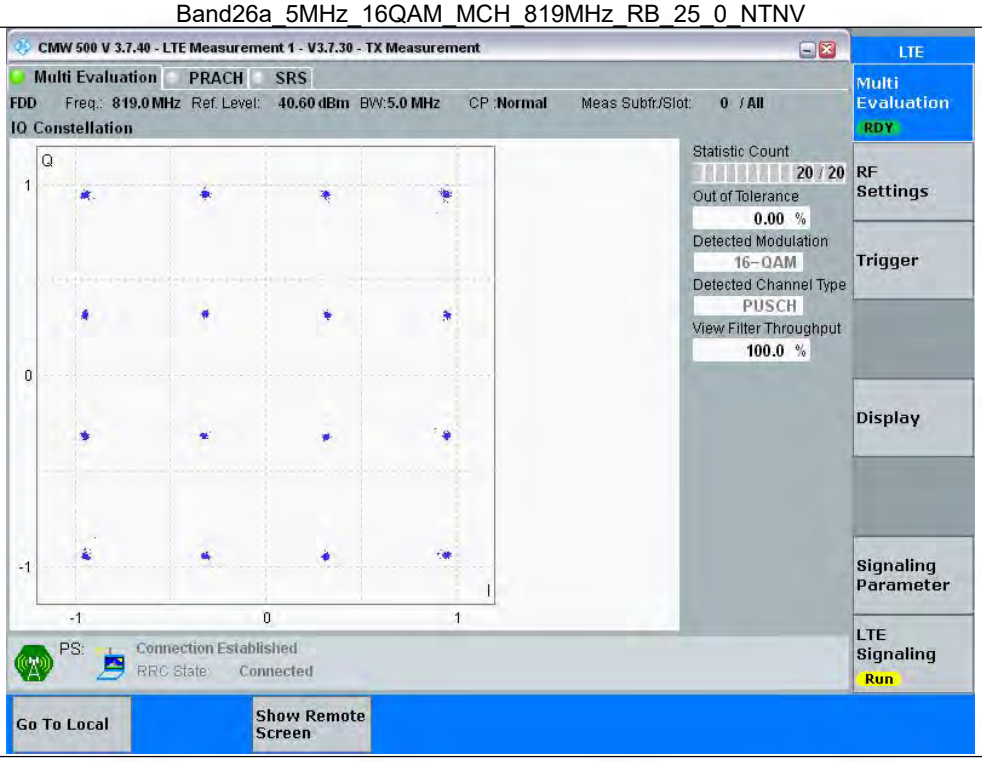

Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



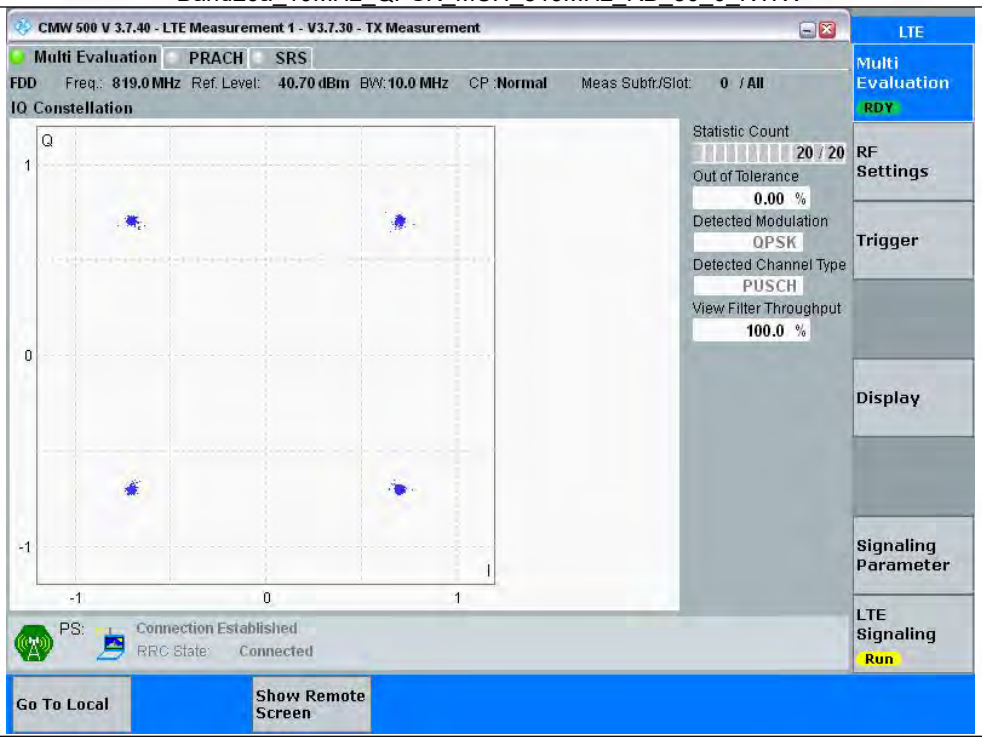
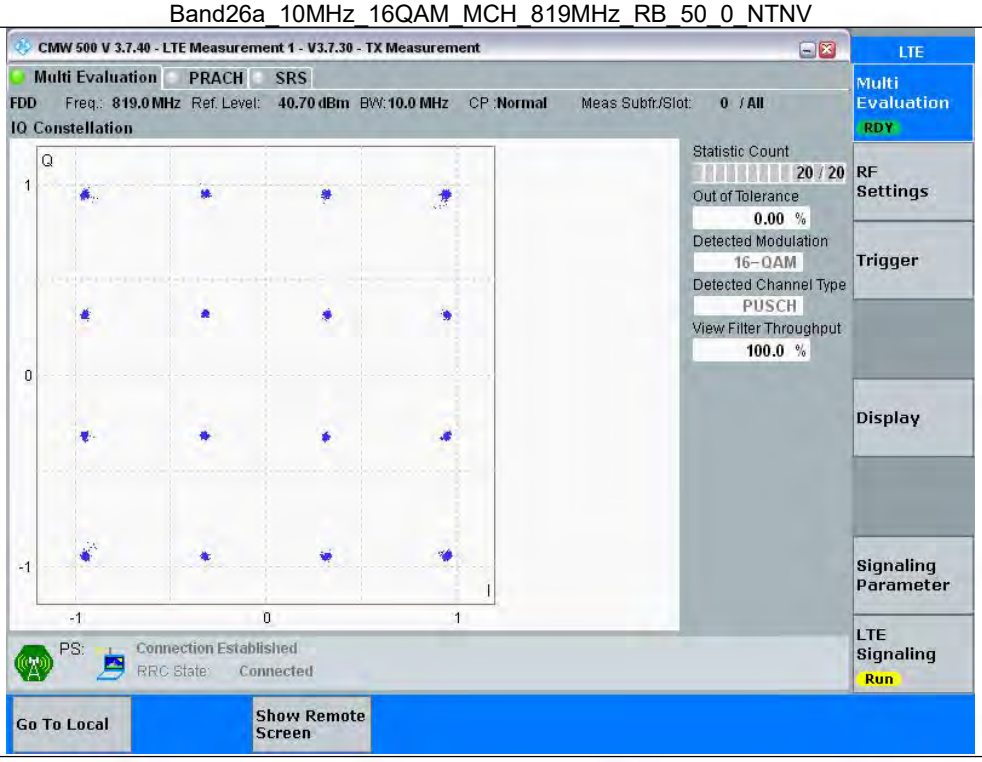
### 3.2.2 B26a_3MHz

| 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 | 1.109 | / | Pass |
| | | 819 | 6 | 0 | 1.110 | / | Pass |
| | | 823.3 | 6 | 0 | 1.115 | / | Pass |
| | 16QAM | 814.7 | 6 | 0 | 1.116 | / | Pass |
| | | 819 | 6 | 0 | 1.102 | / | Pass |
| | | 823.3 | 6 | 0 | 1.119 | / | Pass |
| 3 | QPSK | 815.5 | 15 | 0 | 2.752 | / | Pass |
| | | 819 | 15 | 0 | 2.746 | / | Pass |
| | | 822.5 | 15 | 0 | 2.785 | / | Pass |
| | 16QAM | 815.5 | 15 | 0 | 2.759 | / | Pass |
| | | 819 | 15 | 0 | 2.755 | / | Pass |
| | | 822.5 | 15 | 0 | 2.760 | / | Pass |
| 5 | QPSK | 816.5 | 25 | 0 | 4.553 | / | Pass |
| | | 819 | 25 | 0 | 4.550 | / | Pass |
| | | 821.5 | 25 | 0 | 4.560 | / | Pass |
| | 16QAM | 816.5 | 25 | 0 | 4.562 | / | Pass |
| | | 819 | 25 | 0 | 4.575 | / | Pass |
| | | 821.5 | 25 | 0 | 4.563 | / | Pass |
| 10 | QPSK | 819 | 50 | 0 | 9.075 | / | Pass |
| | 16QAM | 819 | 50 | 0 | 9.062 | / | Pass |

### 4.1.2 Band26a_XDB

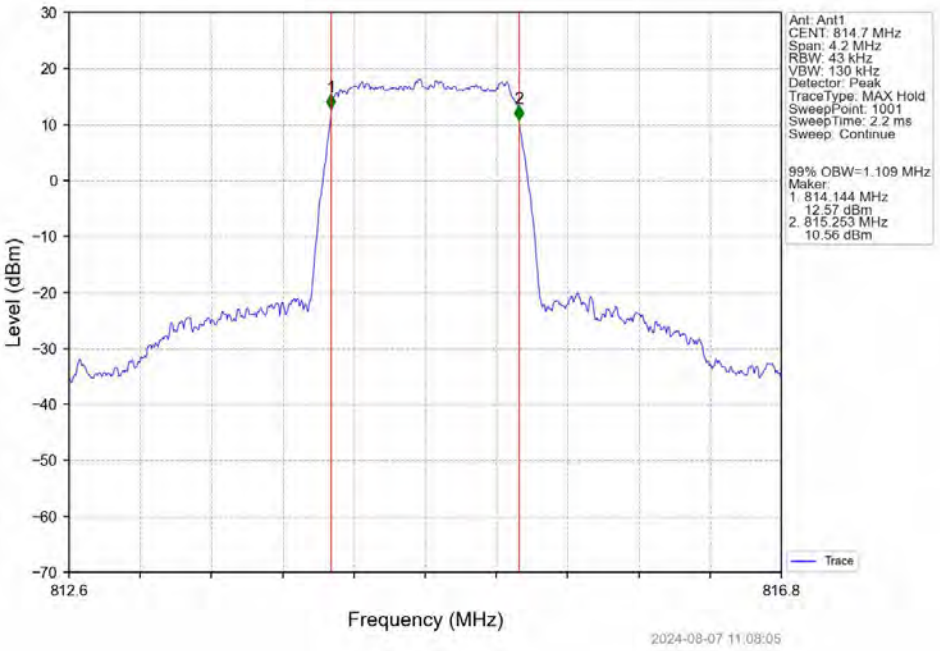
| Band: 26a / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 1.4 | QPSK | 814.7 | 6 | 0 | 1.273 | / | Pass |
| | | 819 | 6 | 0 | 1.272 | / | Pass |
| | | 823.3 | 6 | 0 | 1.274 | / | Pass |
| | 16QAM | 814.7 | 6 | 0 | 1.274 | / | Pass |
| | | 819 | 6 | 0 | 1.271 | / | Pass |
| | | 823.3 | 6 | 0 | 1.277 | / | Pass |
| 3 | QPSK | 815.5 | 15 | 0 | 3.102 | / | Pass |
| | | 819 | 15 | 0 | 3.085 | / | Pass |
| | | 822.5 | 15 | 0 | 3.102 | / | Pass |
| | 16QAM | 815.5 | 15 | 0 | 3.111 | / | Pass |
| | | 819 | 15 | 0 | 3.103 | / | Pass |
| | | 822.5 | 15 | 0 | 3.100 | / | Pass |
| 5 | QPSK | 816.5 | 25 | 0 | 5.042 | / | Pass |
| | | 819 | 25 | 0 | 5.037 | / | Pass |
| | | 821.5 | 25 | 0 | 5.049 | / | Pass |
| | 16QAM | 816.5 | 25 | 0 | 5.076 | / | Pass |
| | | 819 | 25 | 0 | 5.058 | / | Pass |
| | | 821.5 | 25 | 0 | 5.061 | / | Pass |
| 10 | QPSK | 819 | 50 | 0 | 10.050 | / | Pass |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 16QAM | 819 | 50 | 0 | 10.036 | / | Pass |

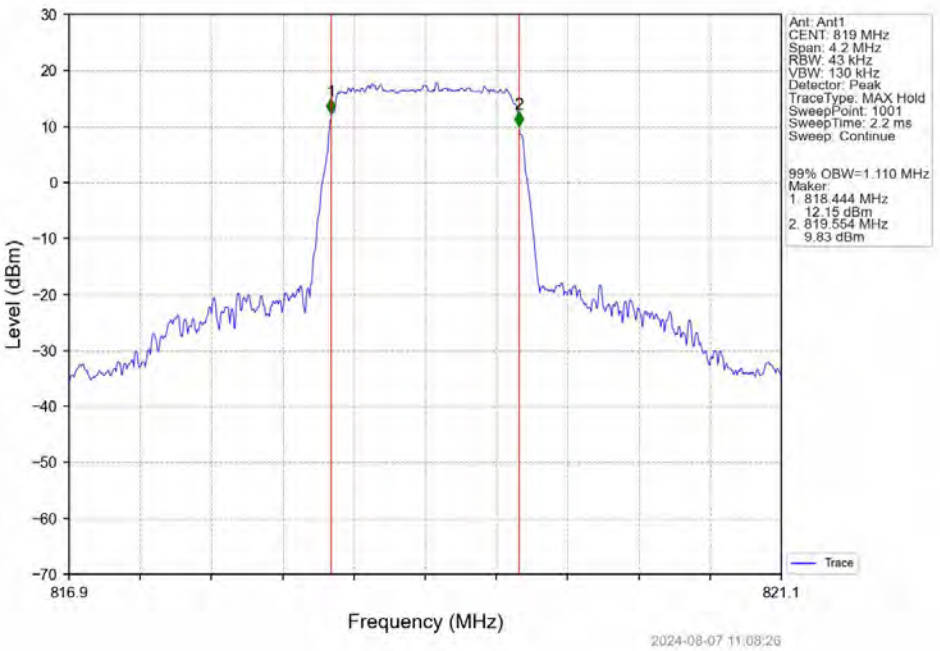
## 4.2 Test Graph

### 4.2.1 Band26a_OBW

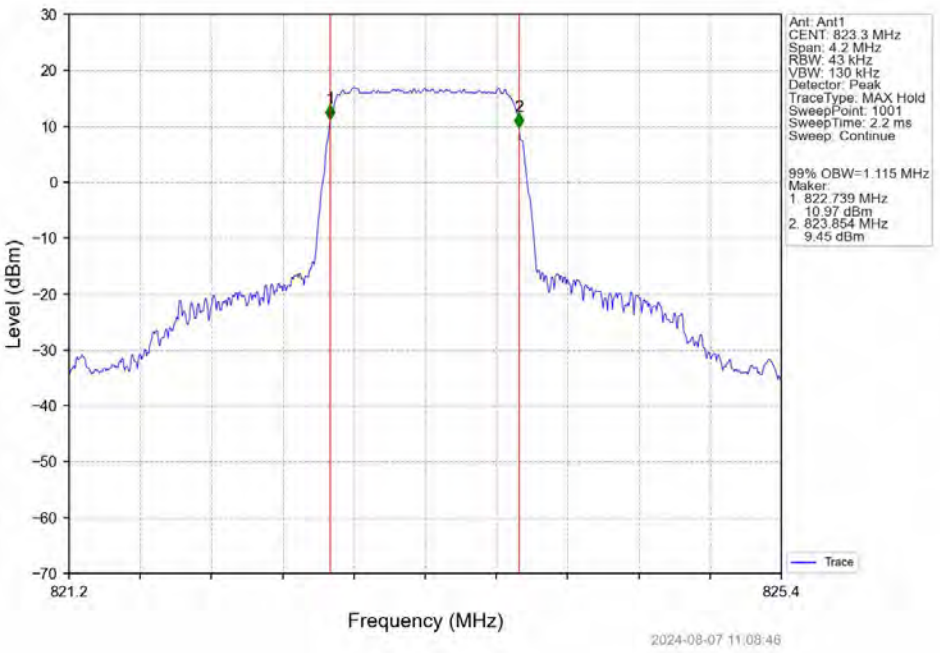
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



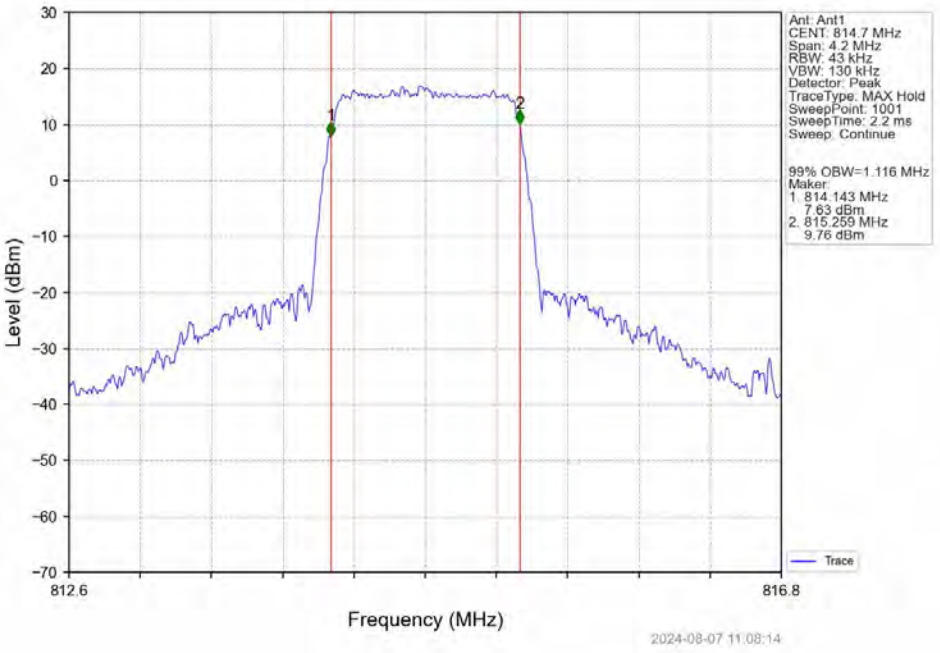

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



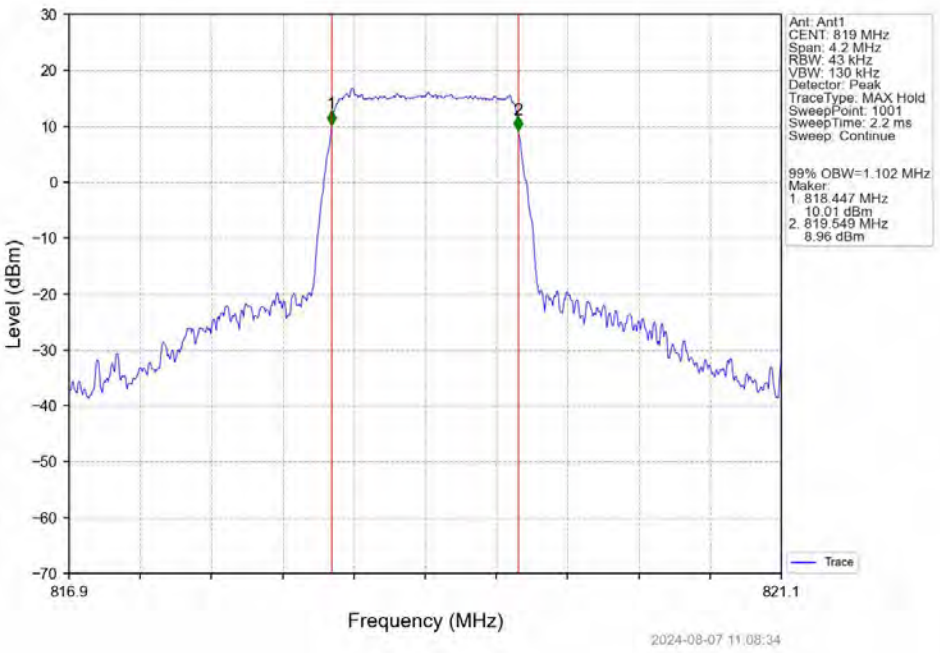
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



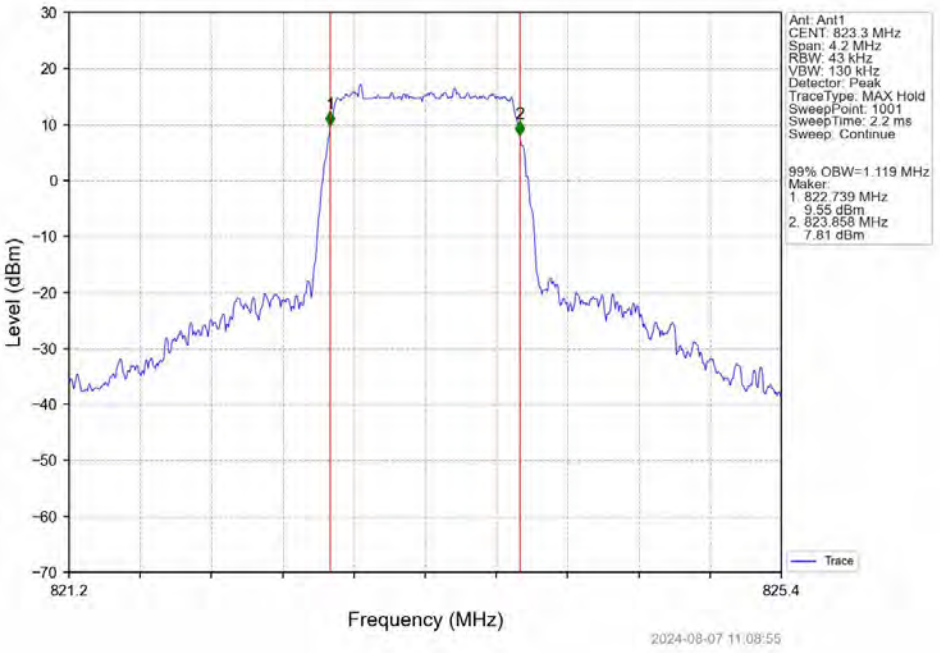

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



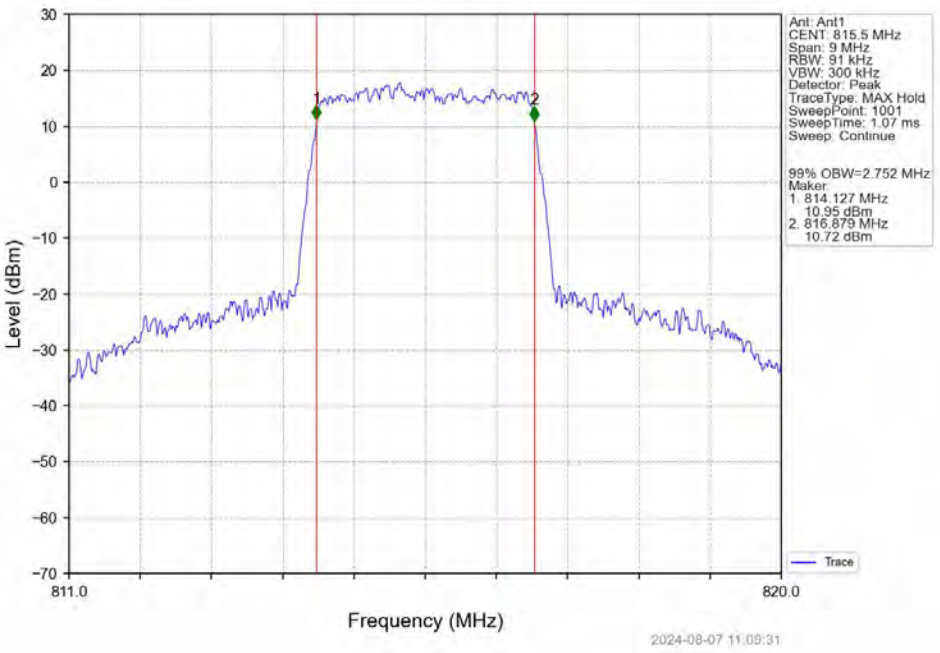
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



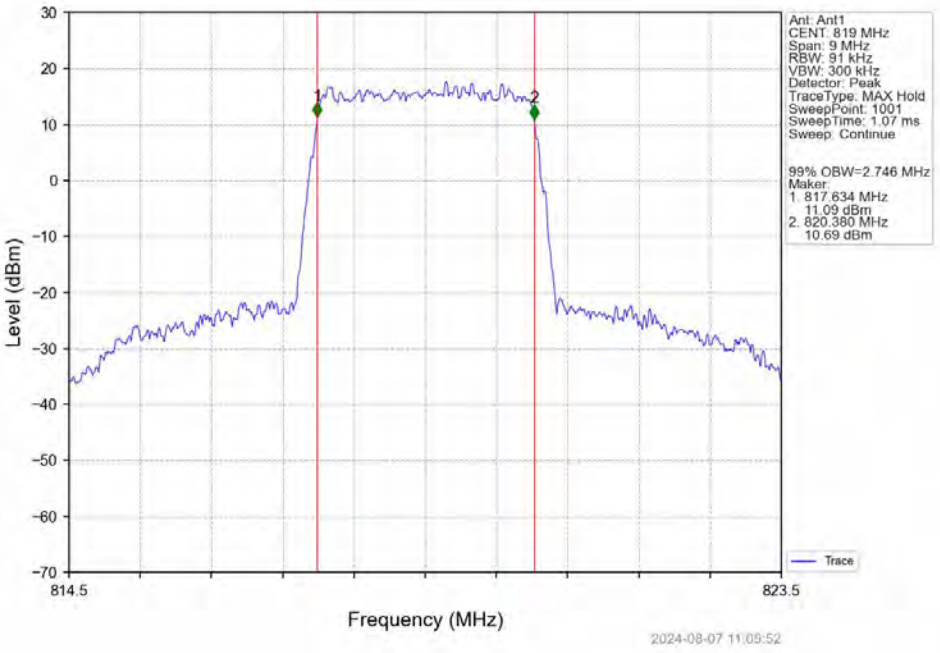

Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



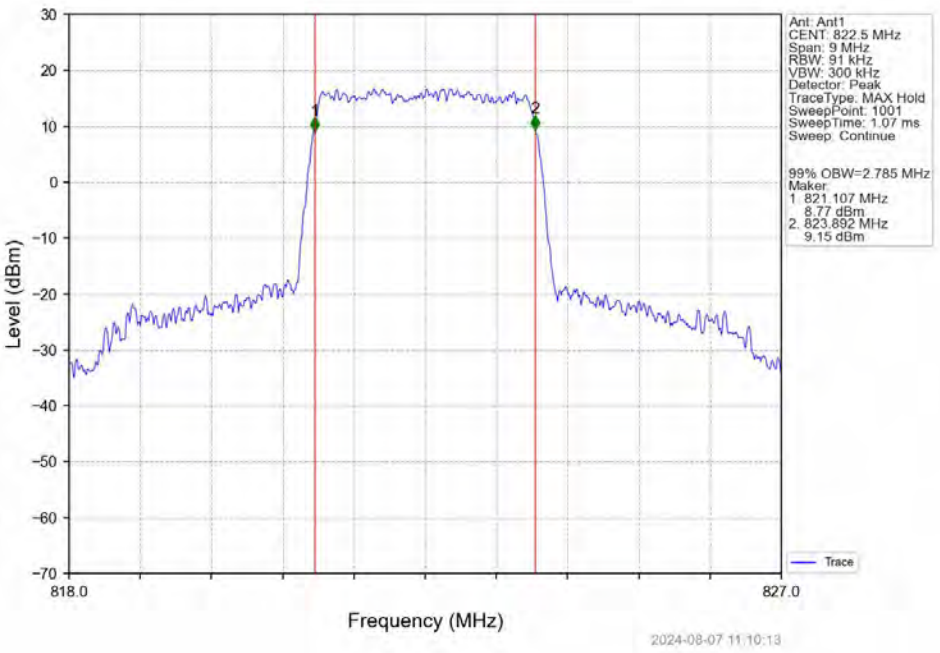
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



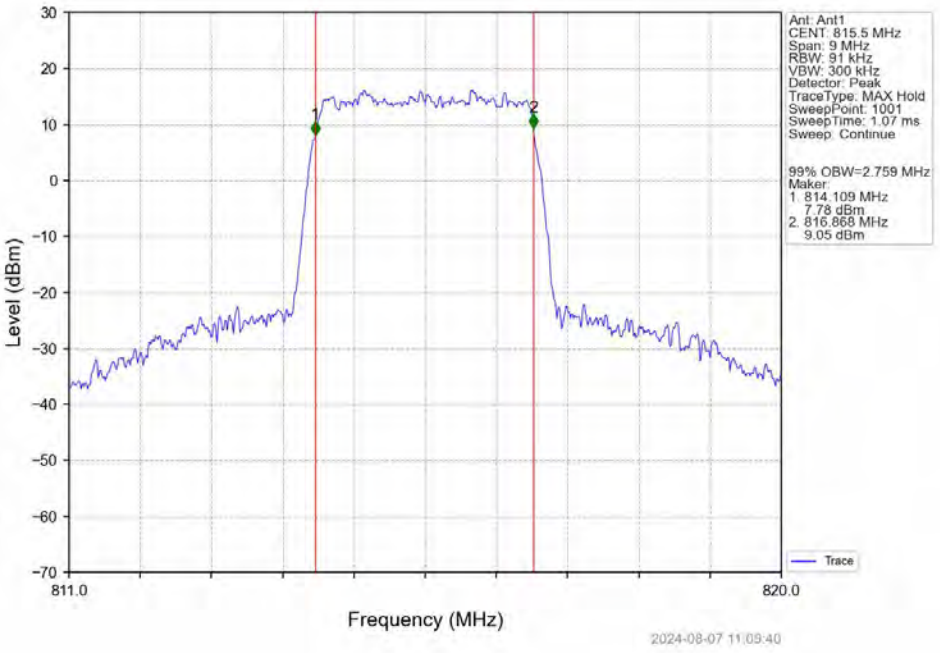

Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



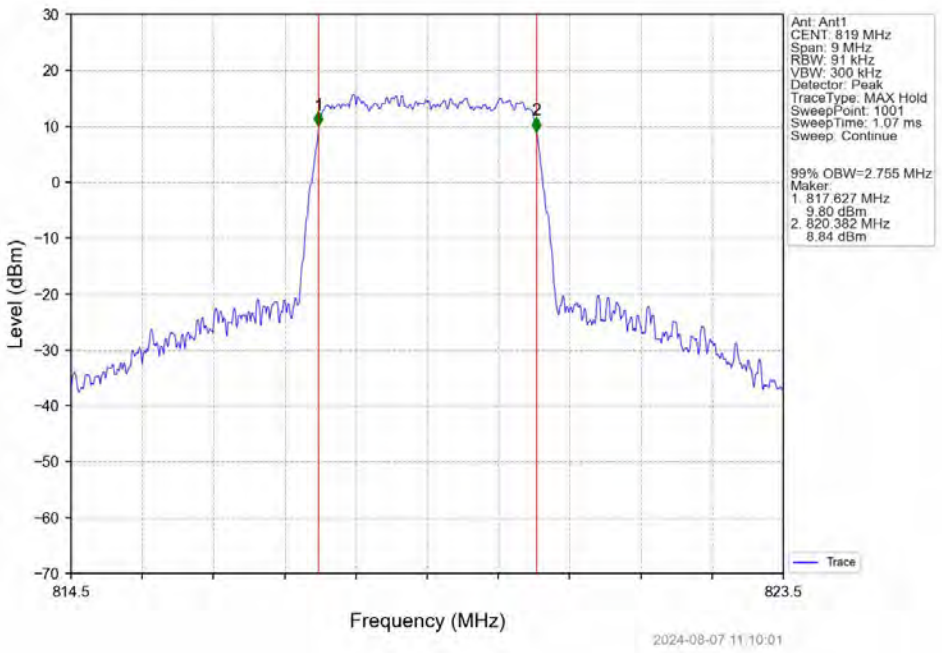
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



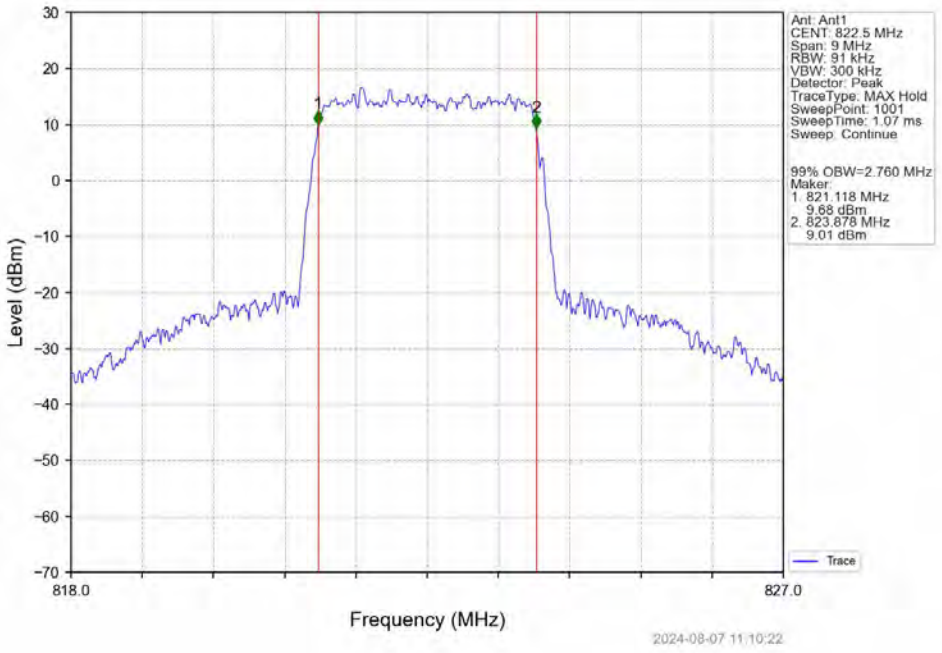

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



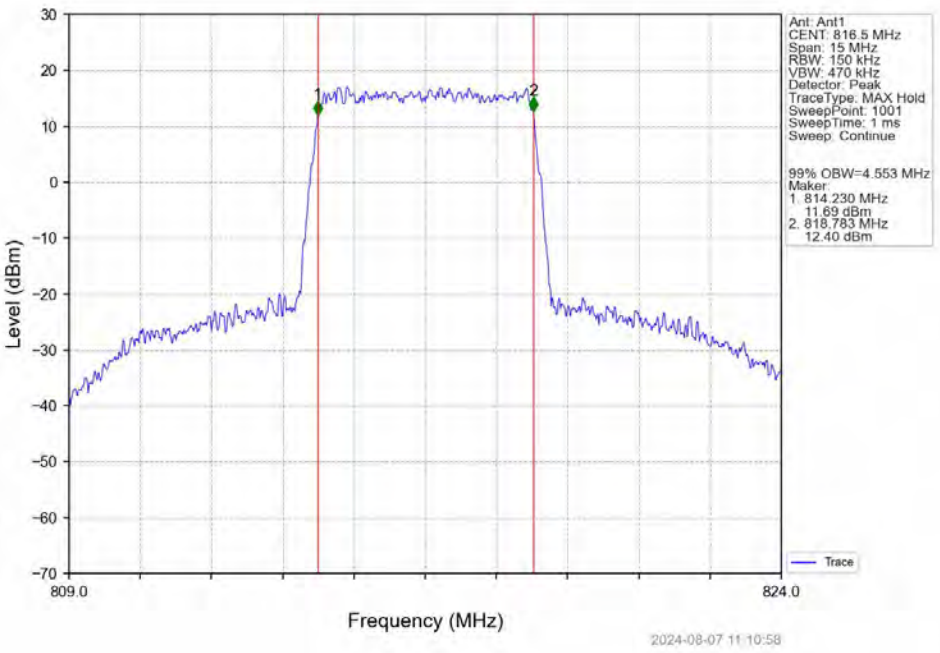
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



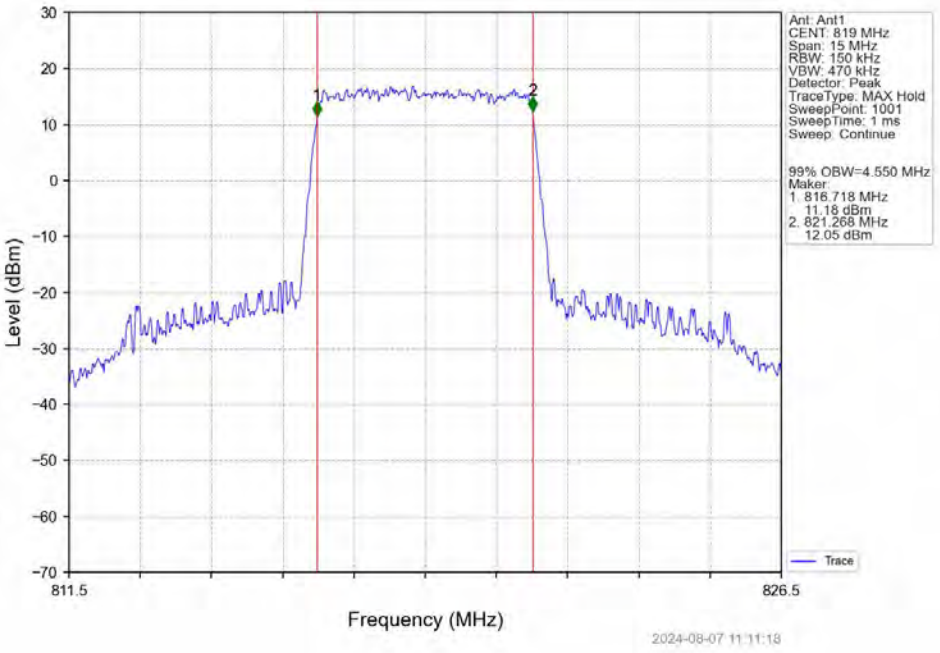

Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



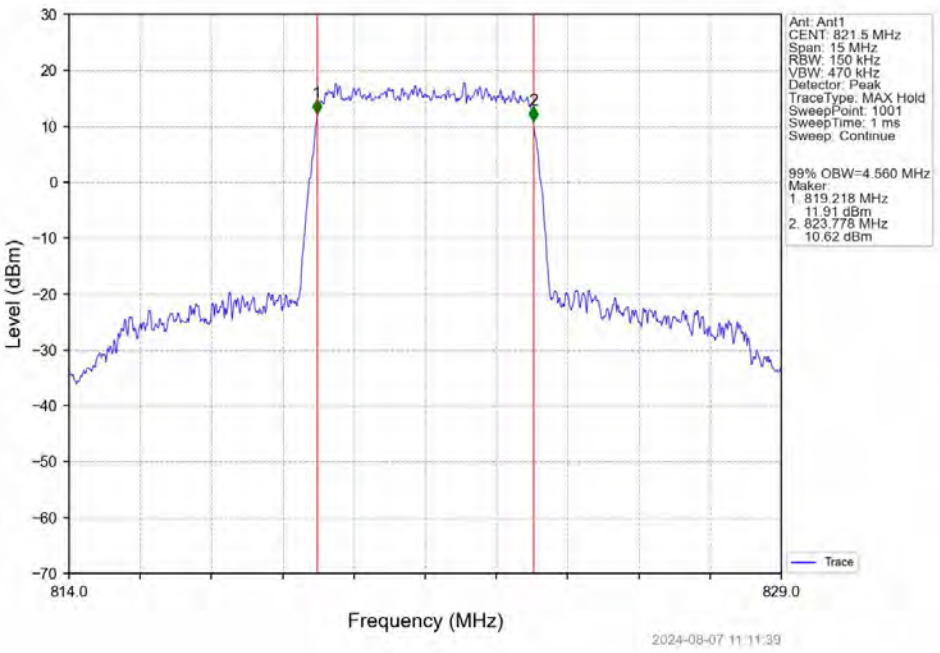
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



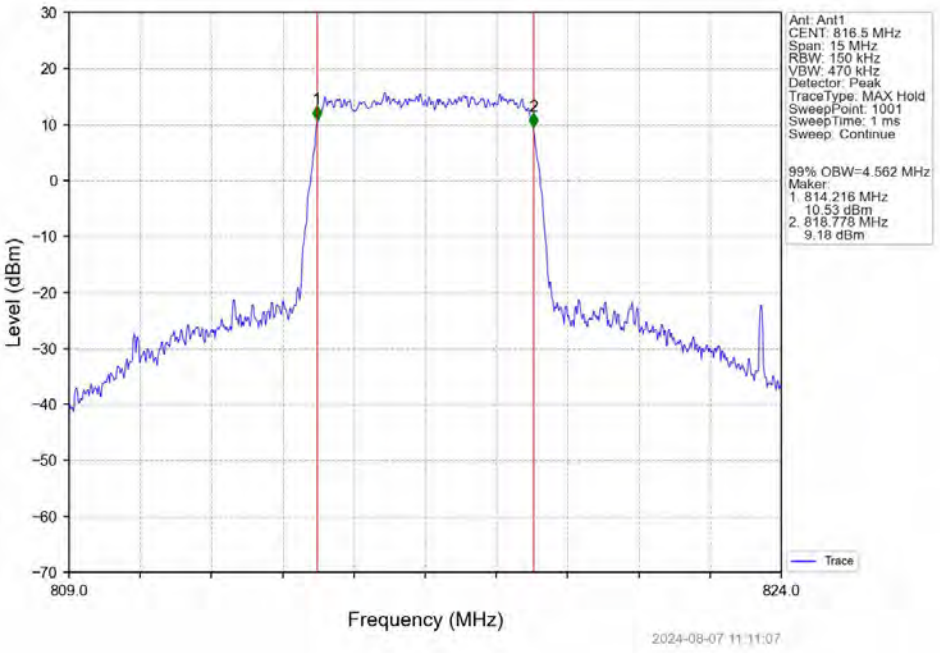

Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



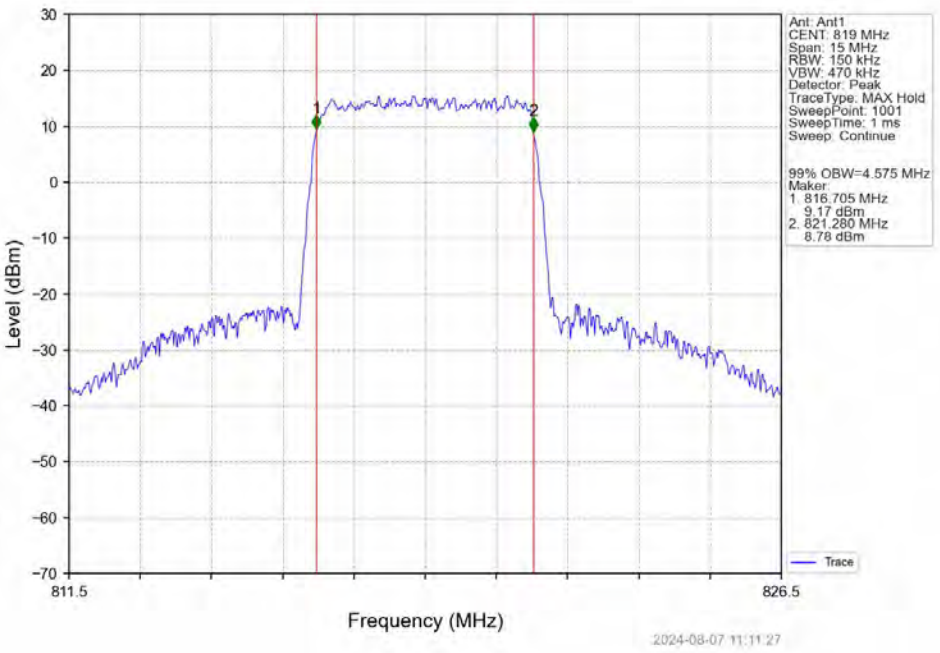
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



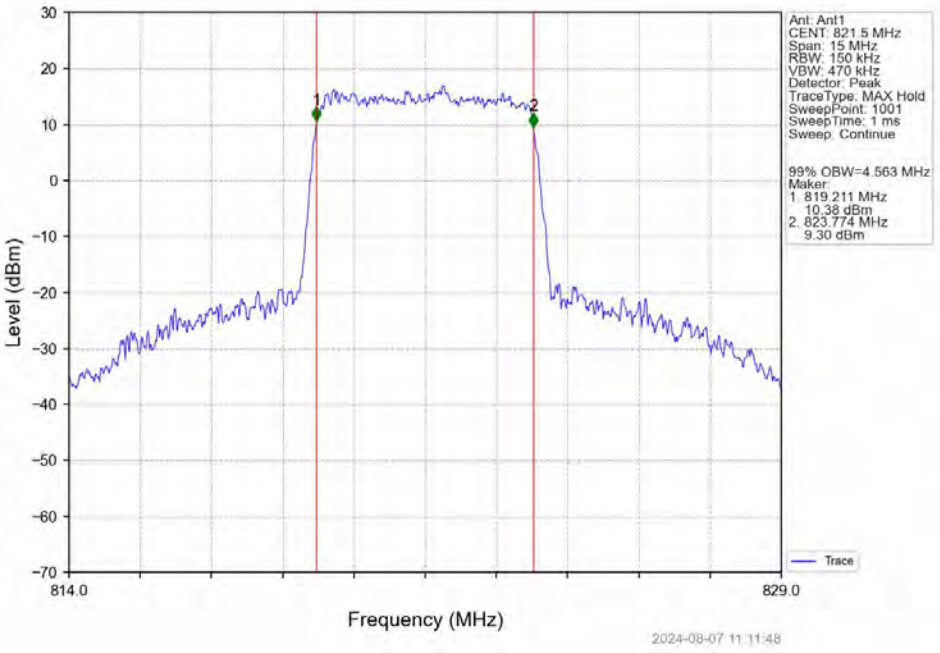

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



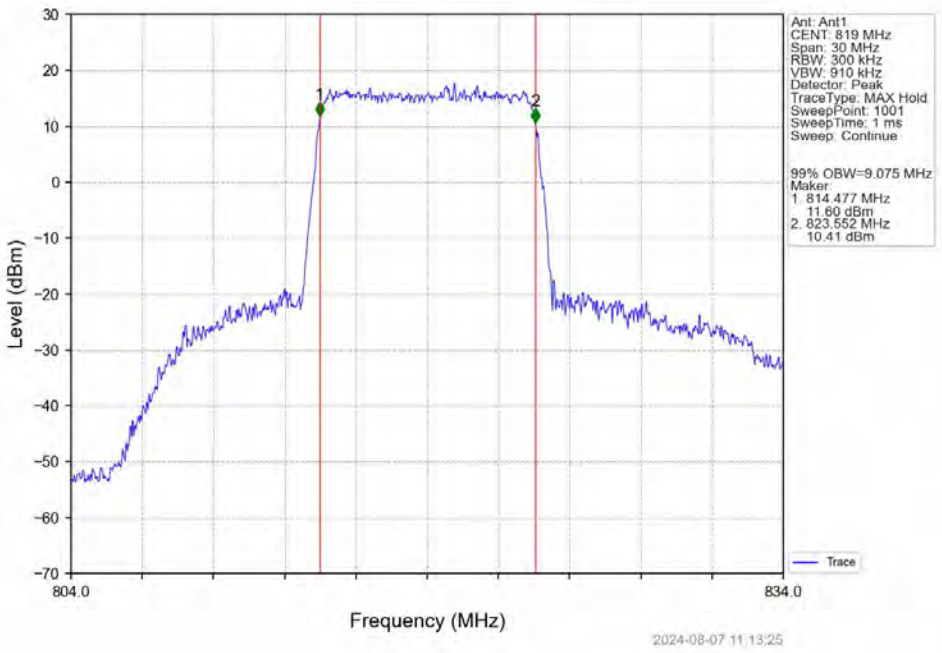
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



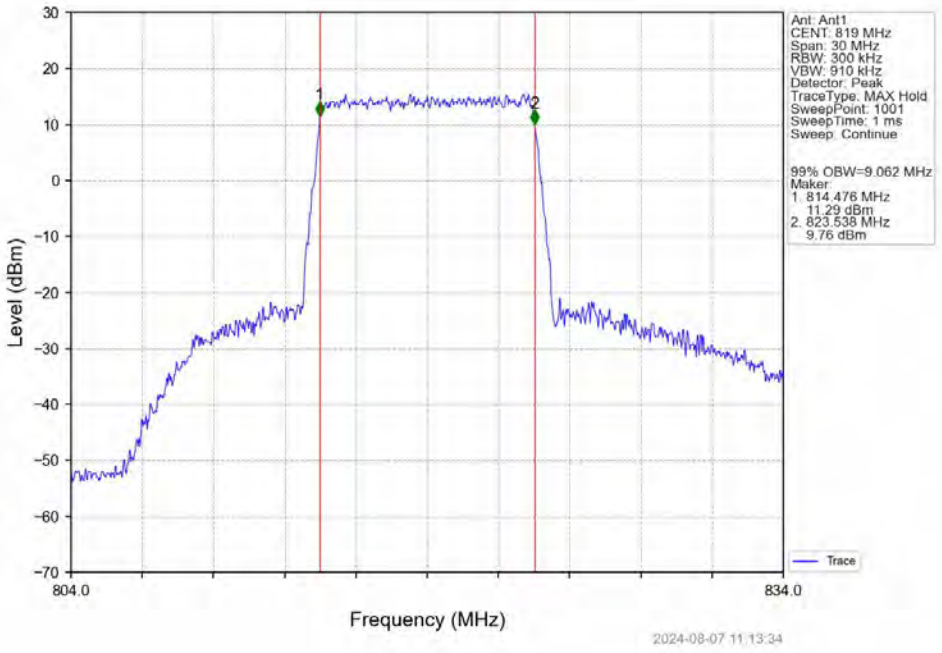

Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV

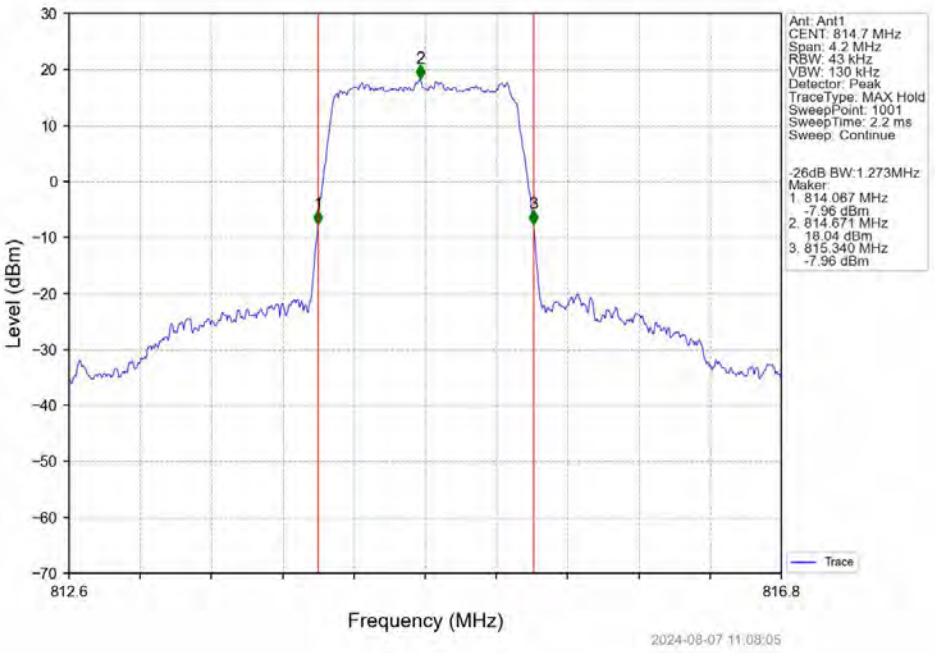



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV

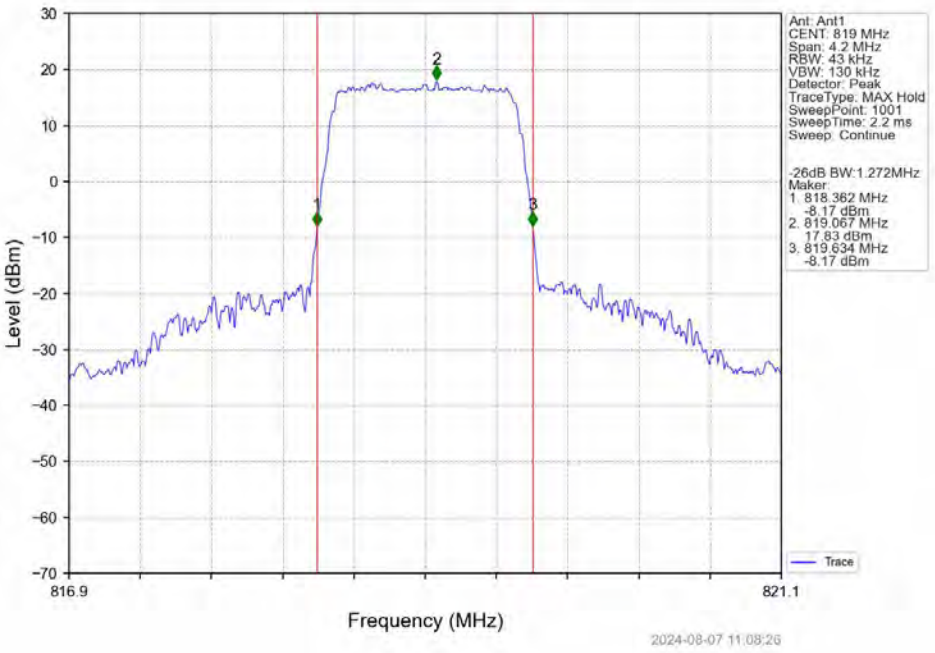


## 4.2.2 Band26a_XDB

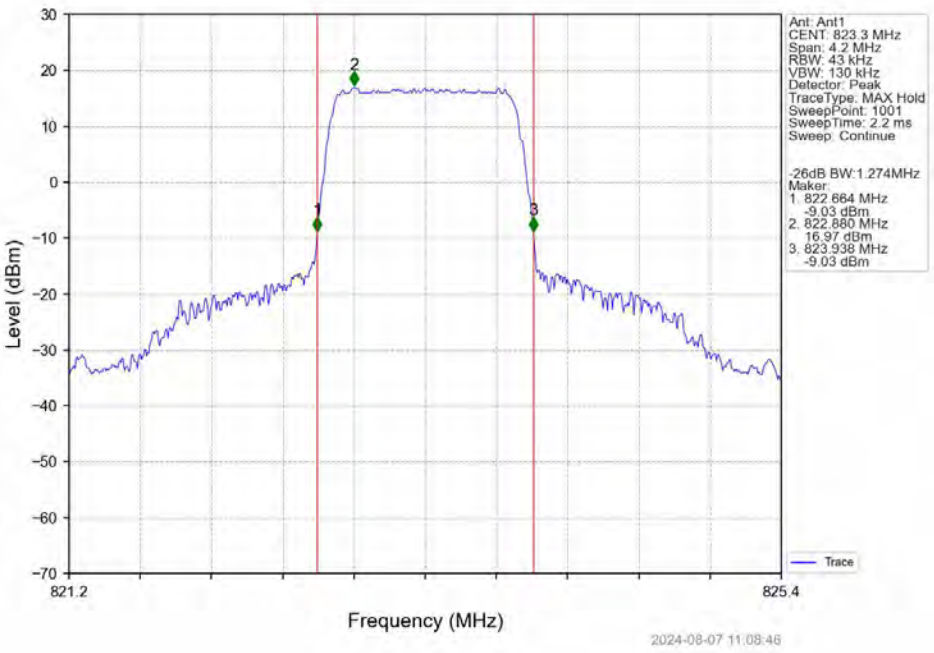
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



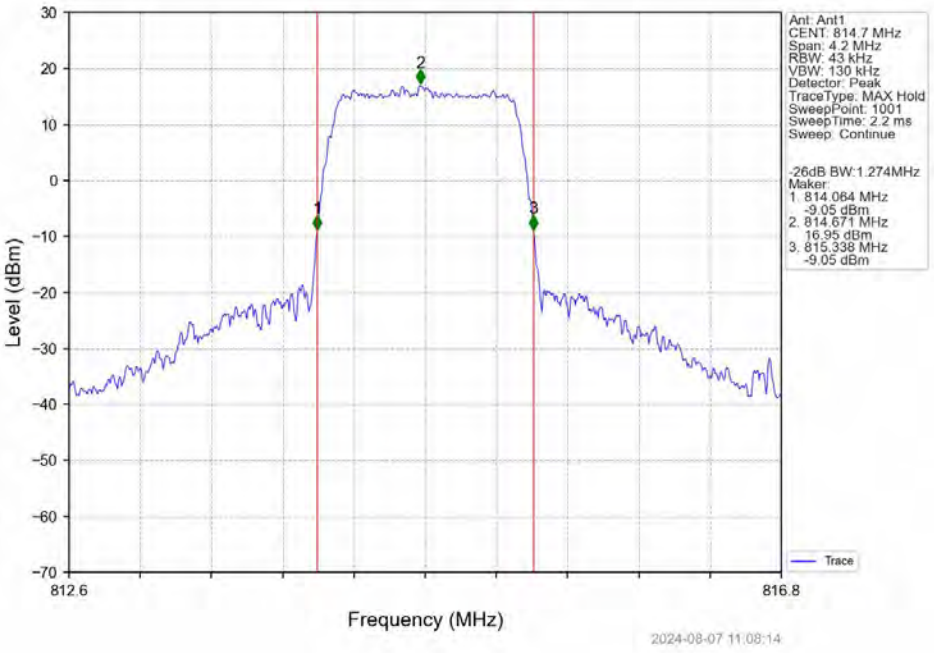

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



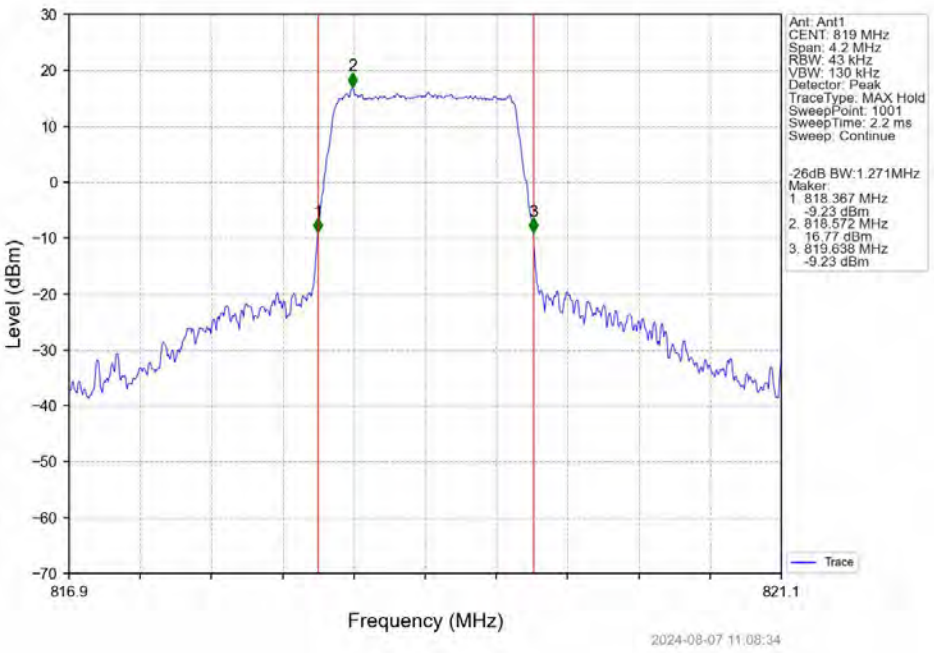
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



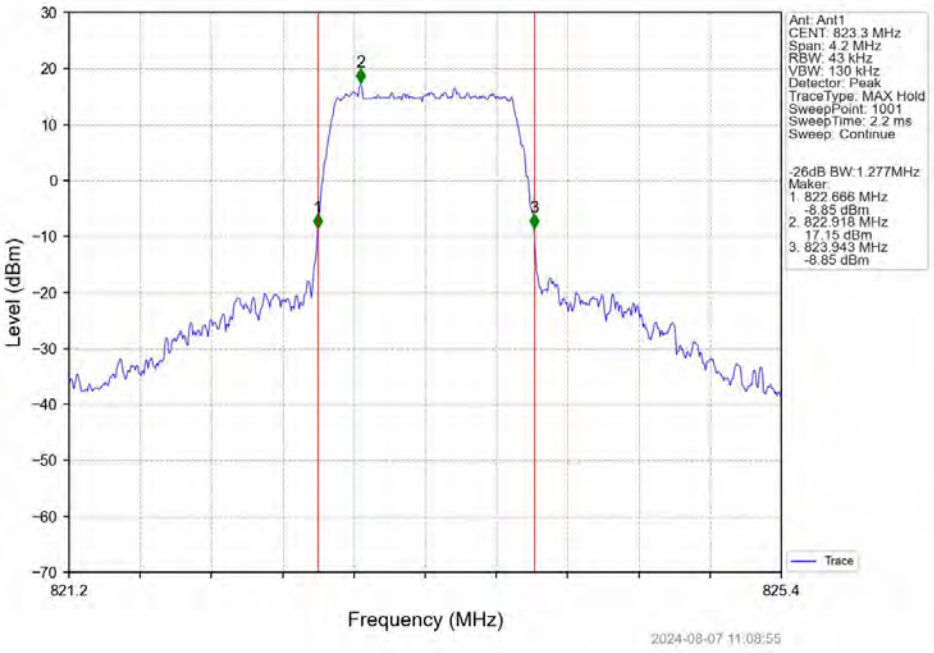

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



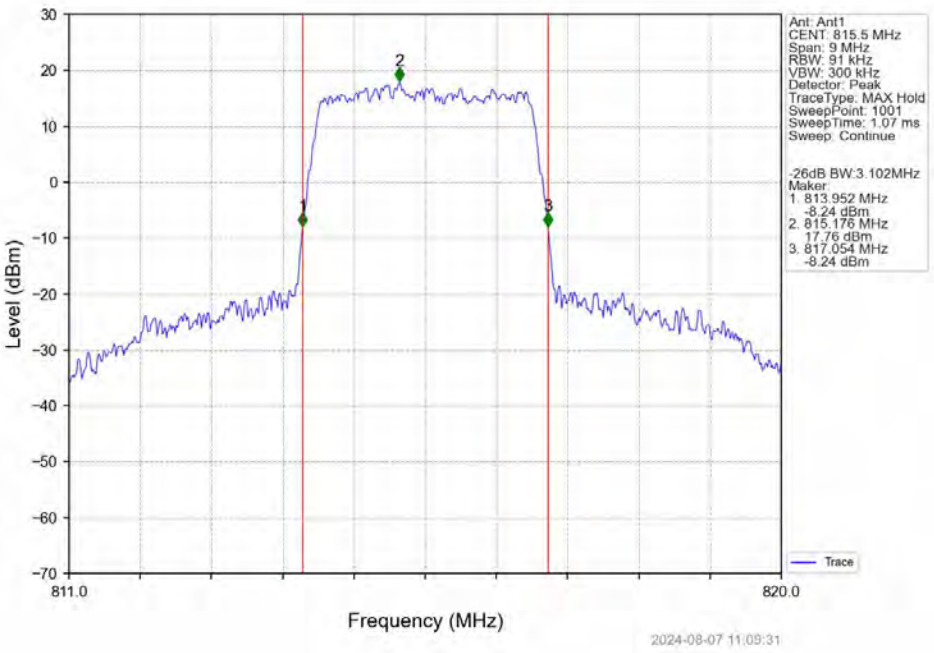
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



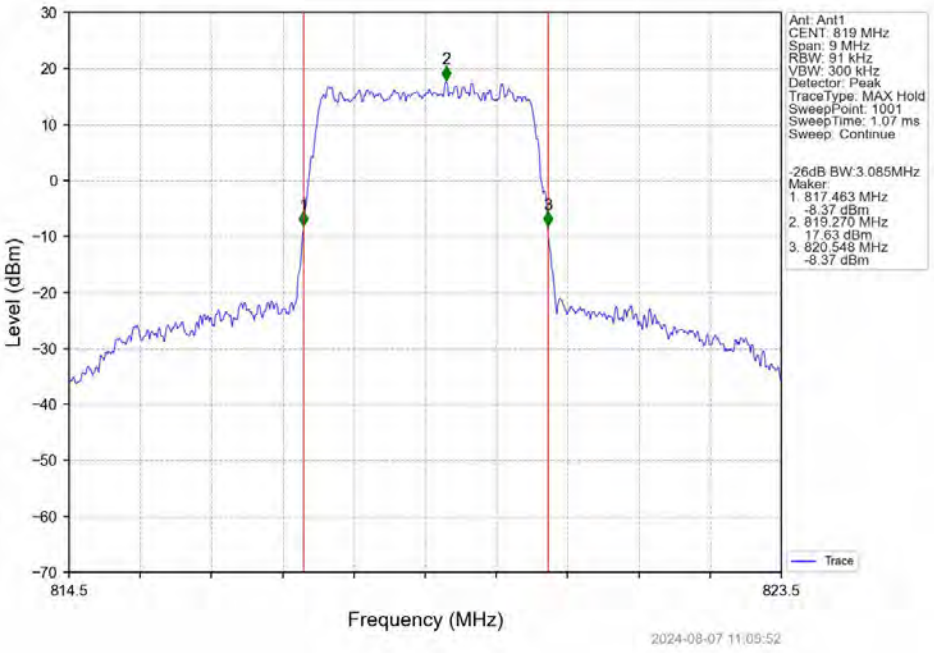

Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



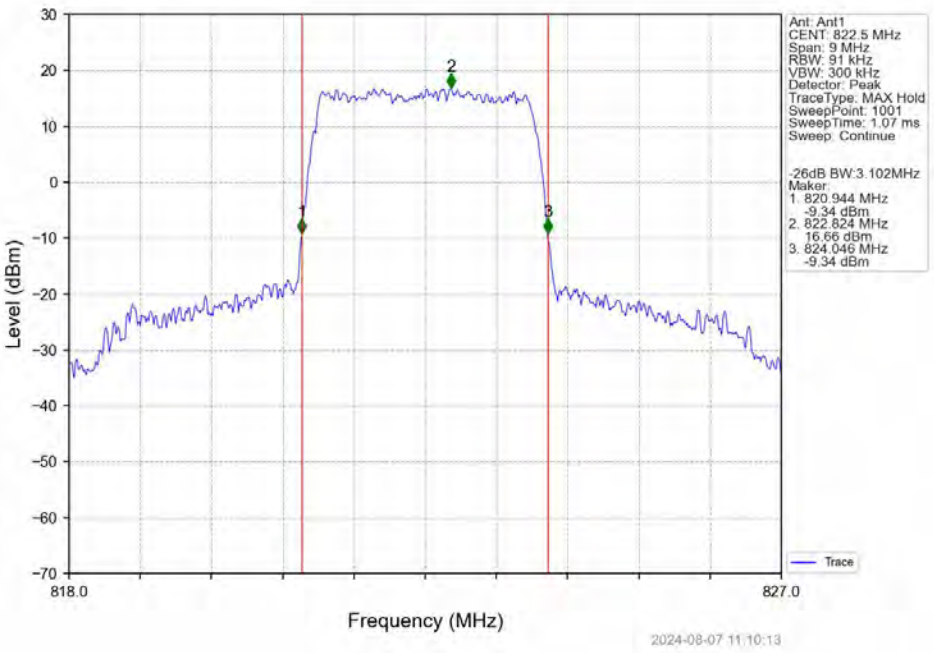
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



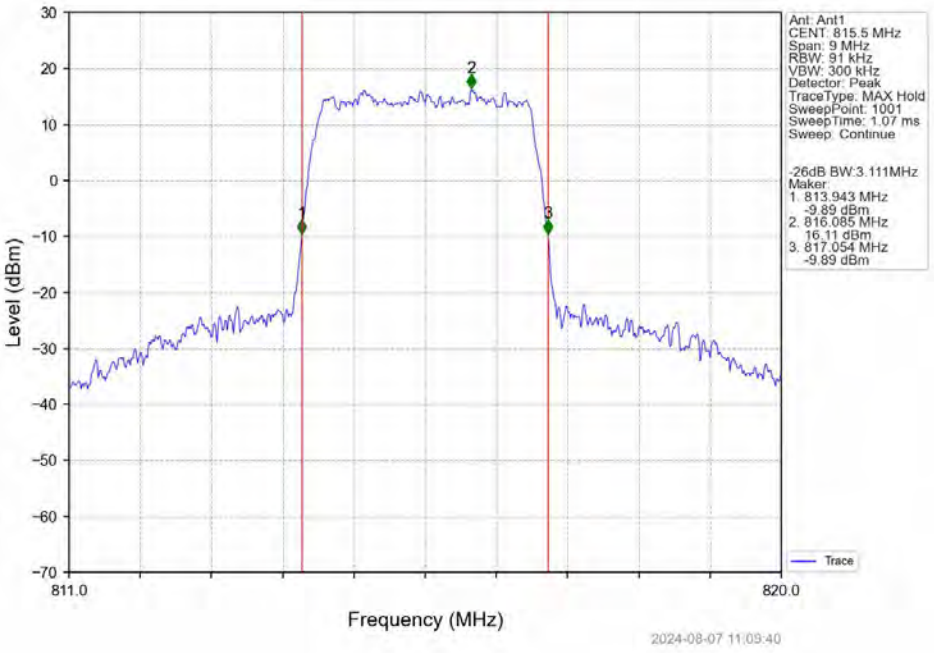

Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



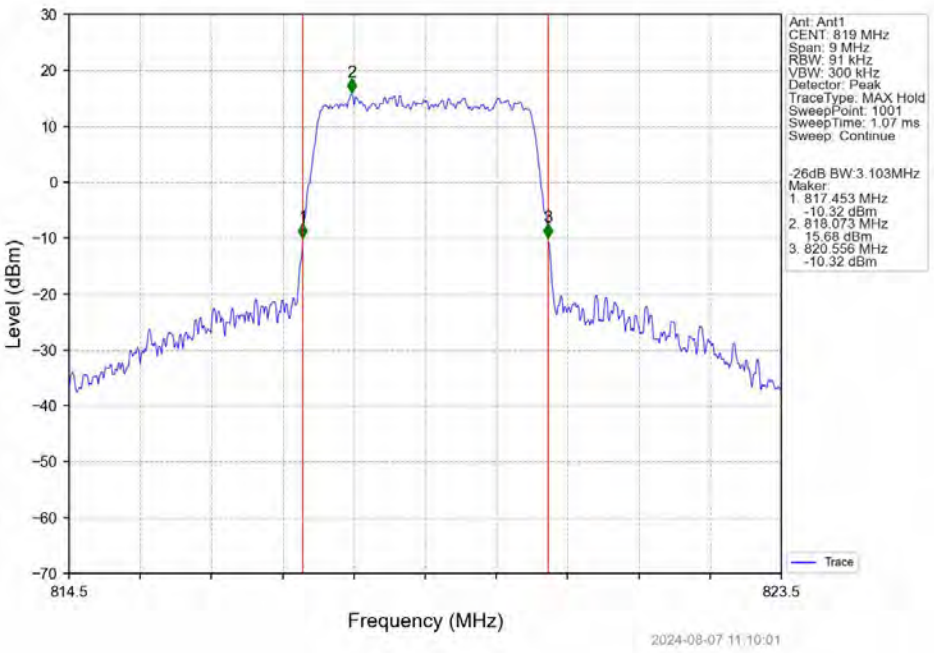
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



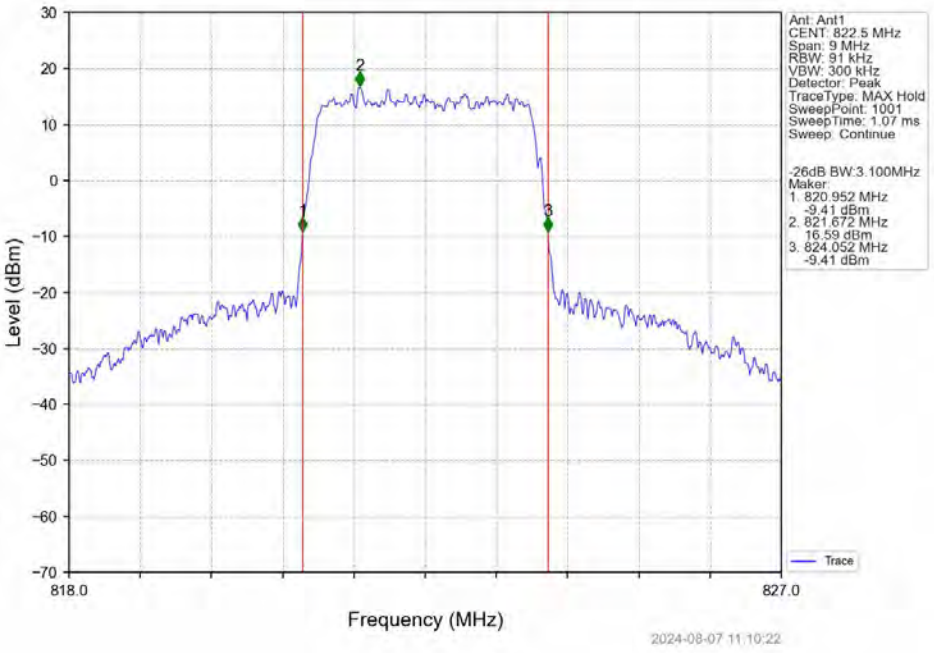

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



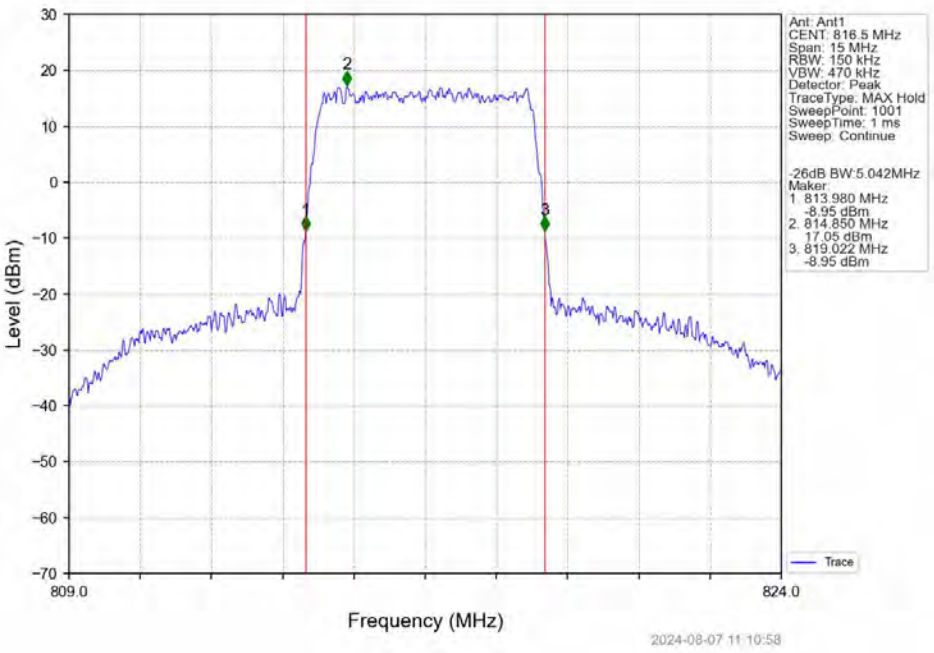
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



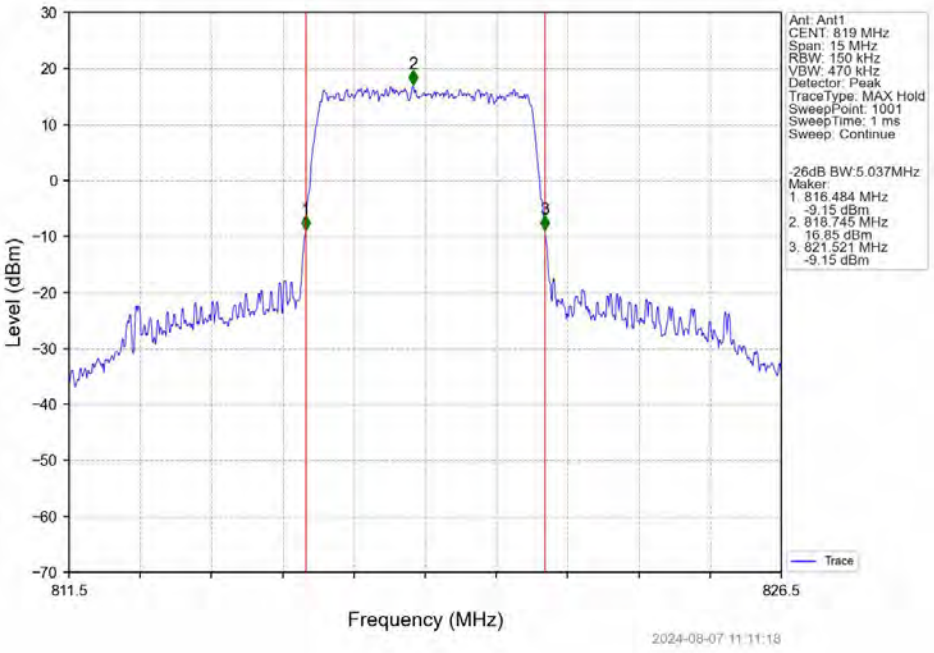

Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



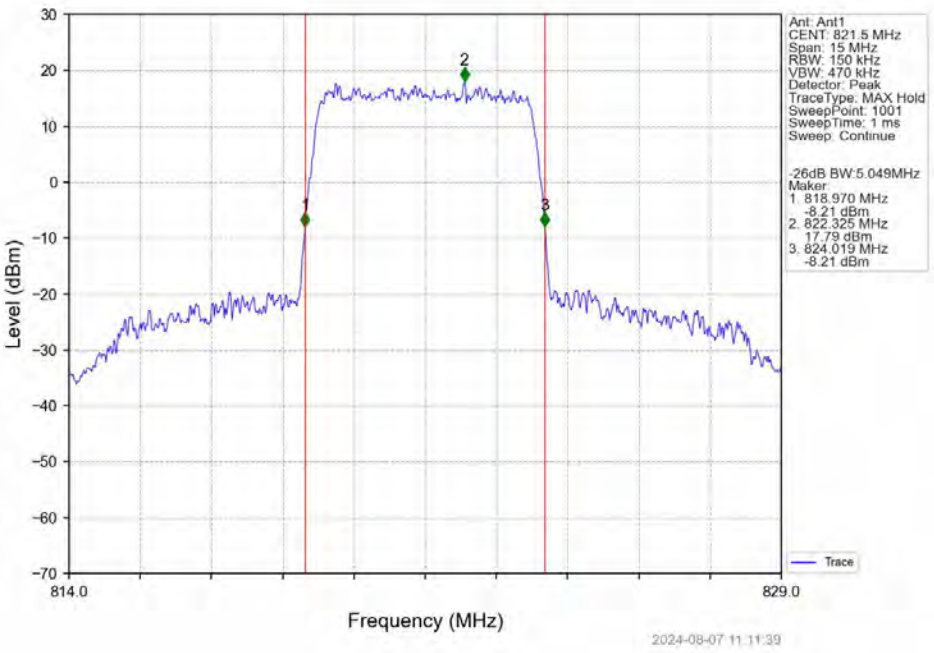
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



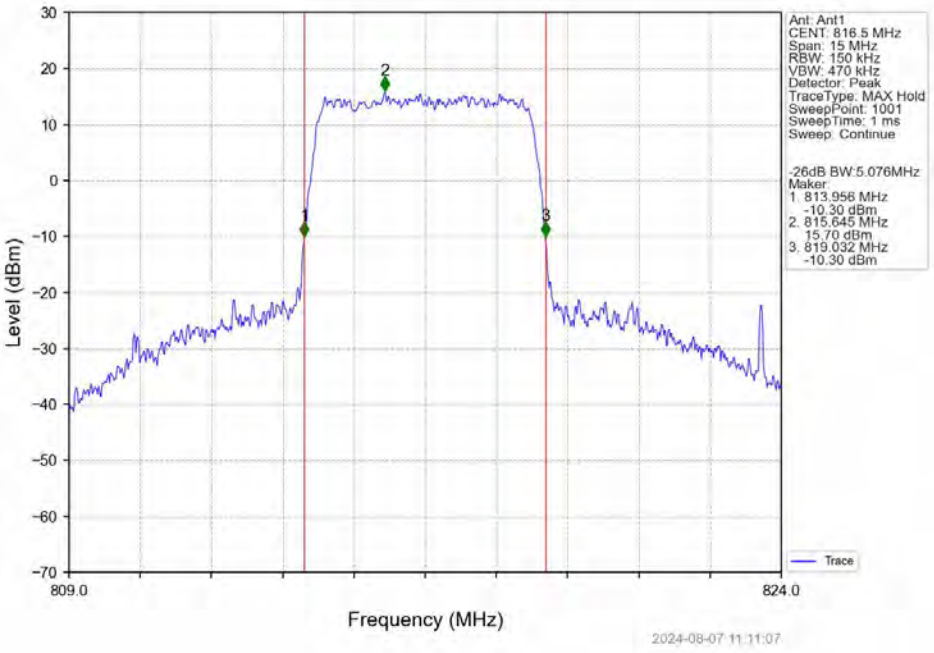

Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



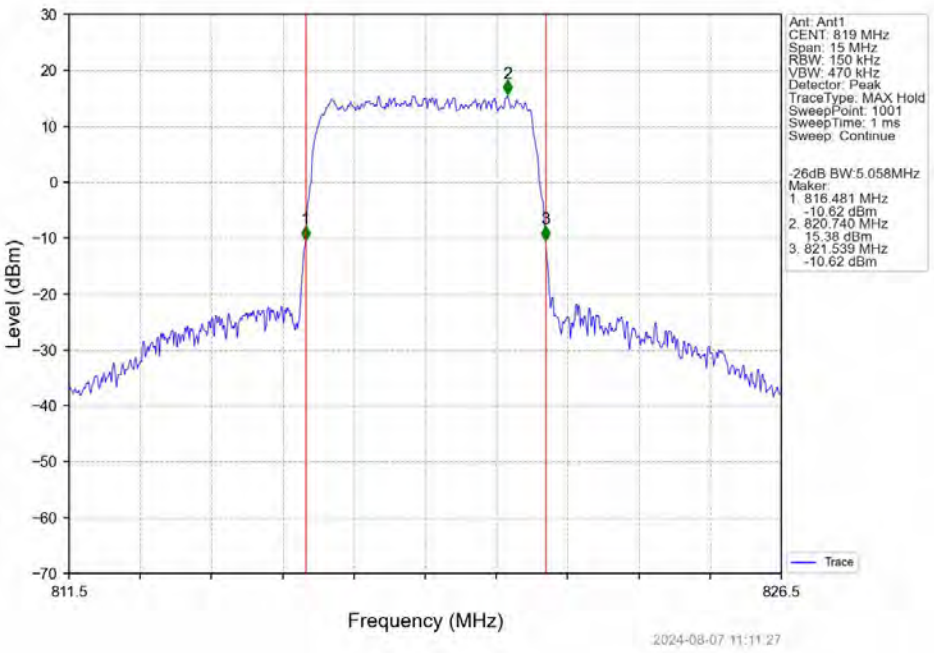
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



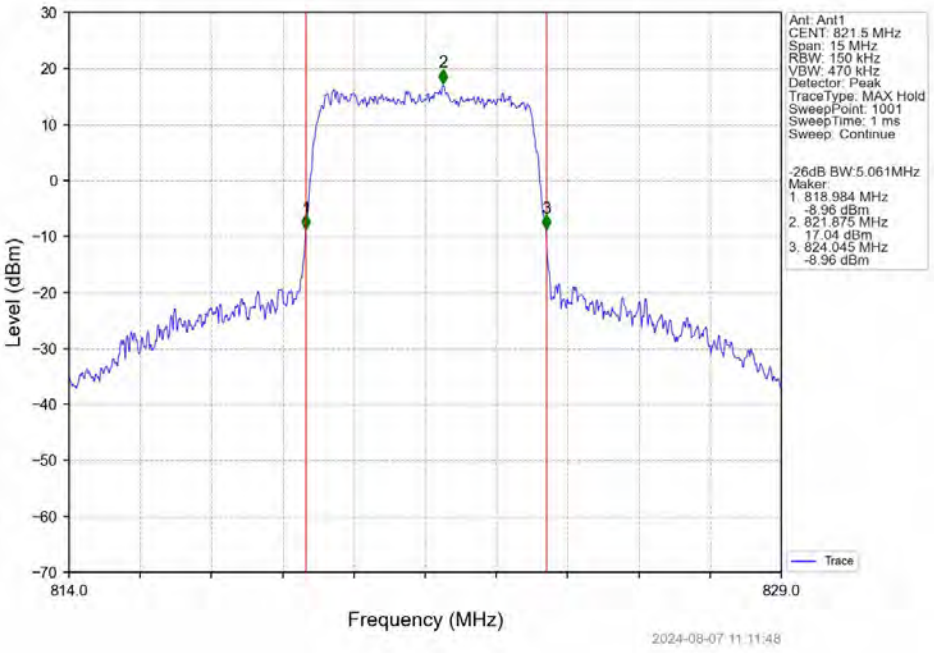

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



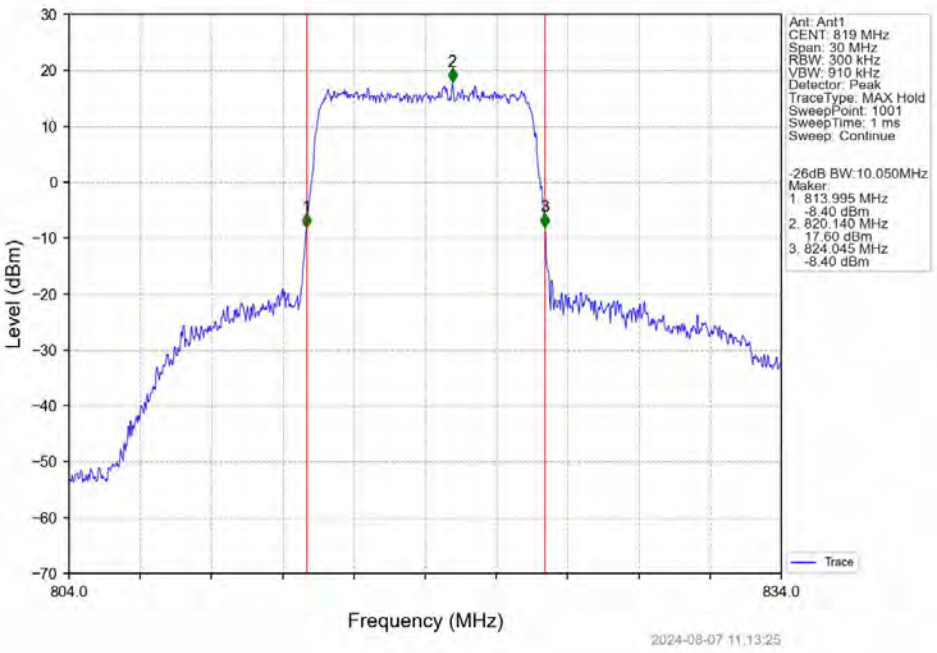
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



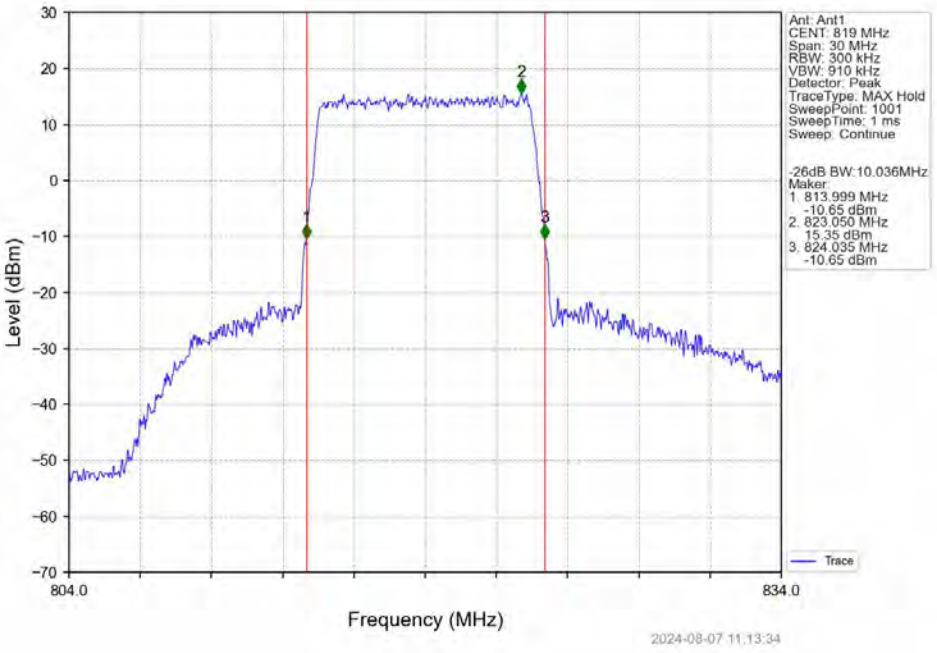

Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



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 | 5.03 | <=13 | Pass |
| | 819 | 6 | 0 | 5.10 | <=13 | Pass |
| | 823.3 | 6 | 0 | 4.84 | <=13 | Pass |
| 16QAM | 814.7 | 6 | 0 | 5.85 | <=13 | Pass |
| | 819 | 6 | 0 | 5.95 | <=13 | Pass |
| | 823.3 | 6 | 0 | 5.75 | <=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 | 5.11 | <=13 | Pass |
| | 819 | 15 | 0 | 5.07 | <=13 | Pass |
| | 822.5 | 15 | 0 | 4.96 | <=13 | Pass |
| 16QAM | 815.5 | 15 | 0 | 5.99 | <=13 | Pass |
| | 819 | 15 | 0 | 6.01 | <=13 | Pass |
| | 822.5 | 15 | 0 | 5.92 | <=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 | 5.23 | <=13 | Pass |
| | 819 | 25 | 0 | 5.27 | <=13 | Pass |
| | 821.5 | 25 | 0 | 5.20 | <=13 | Pass |
| 16QAM | 816.5 | 25 | 0 | 6.07 | <=13 | Pass |
| | 819 | 25 | 0 | 6.07 | <=13 | Pass |
| | 821.5 | 25 | 0 | 5.88 | <=13 | Pass |

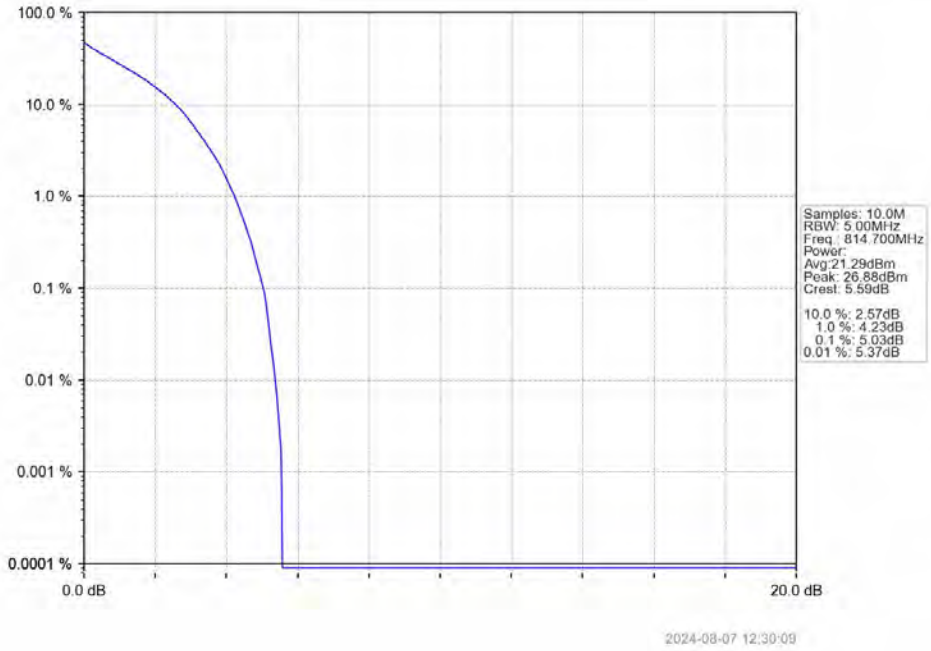
### 5.1.4 B26a_10MHz

| Band: 26a / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 819 | 50 | 0 | 5.28 | <=13 | Pass |
| 16QAM | 819 | 50 | 0 | 6.12 | <=13 | Pass |

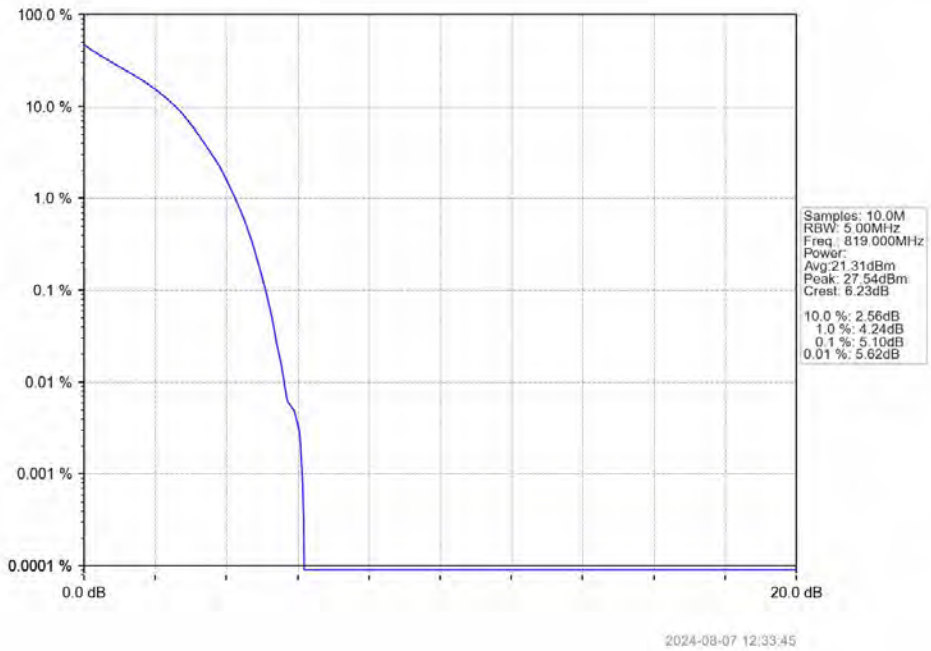
## 5.2 Test Graph

### 5.2.1 B26a_1.4MHz

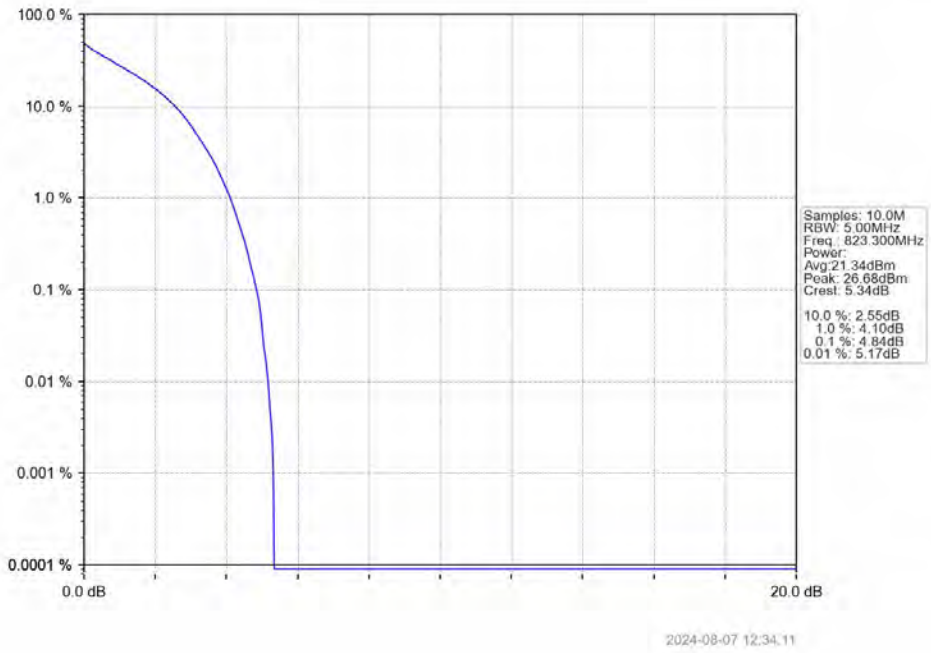
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



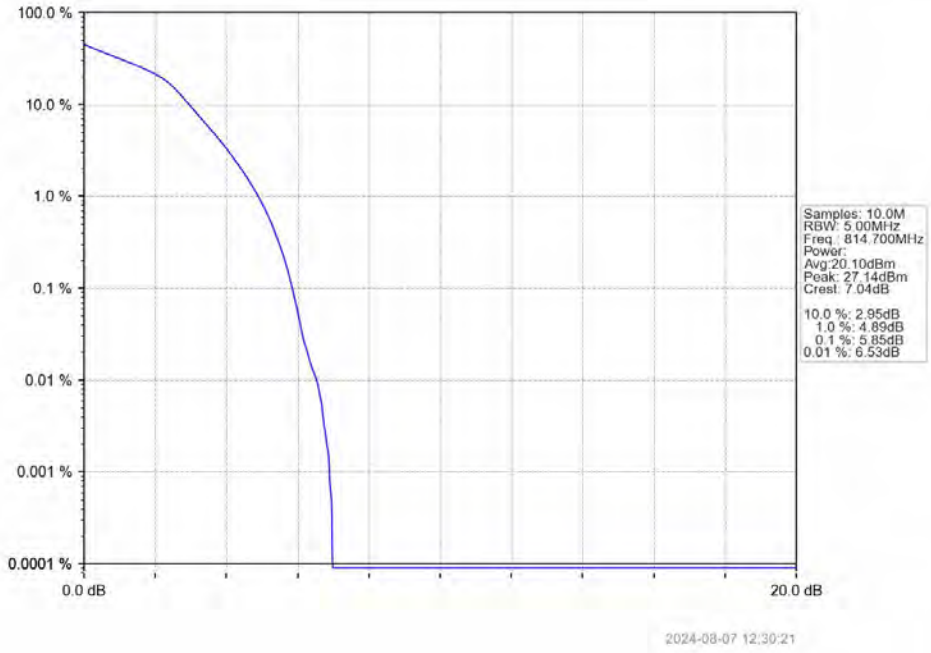

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



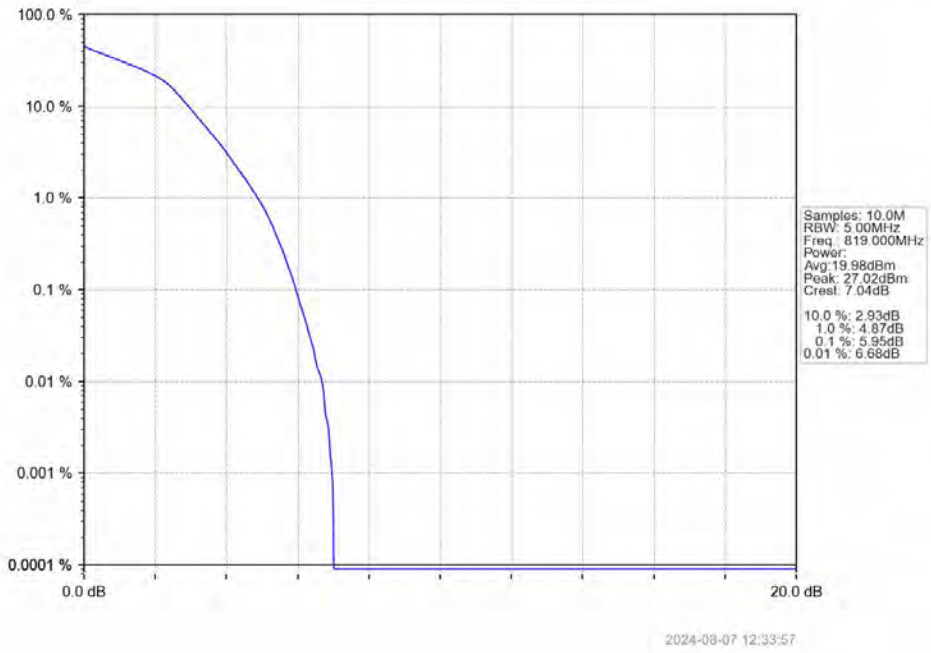
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



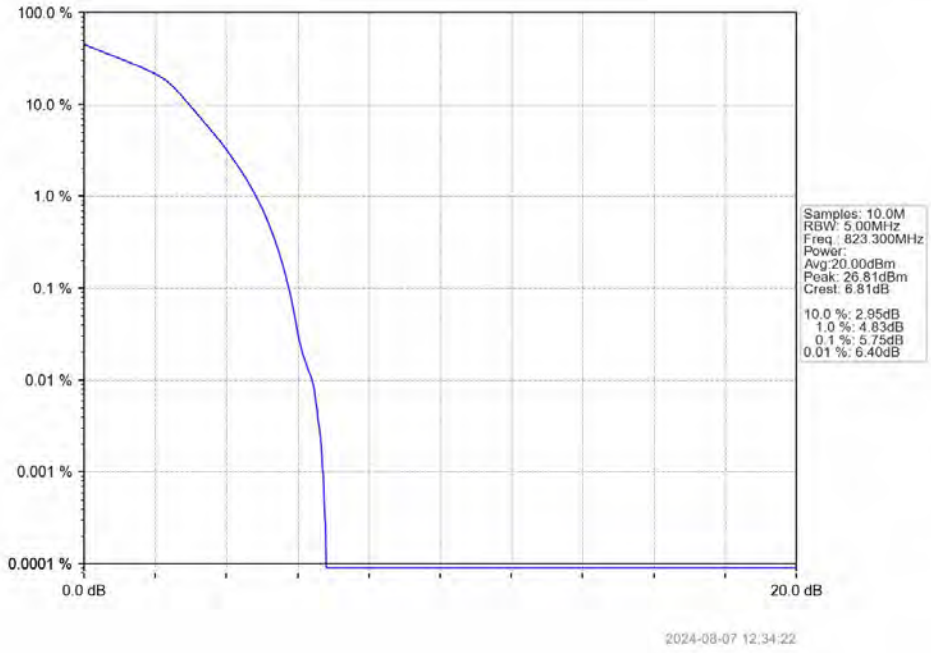

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV

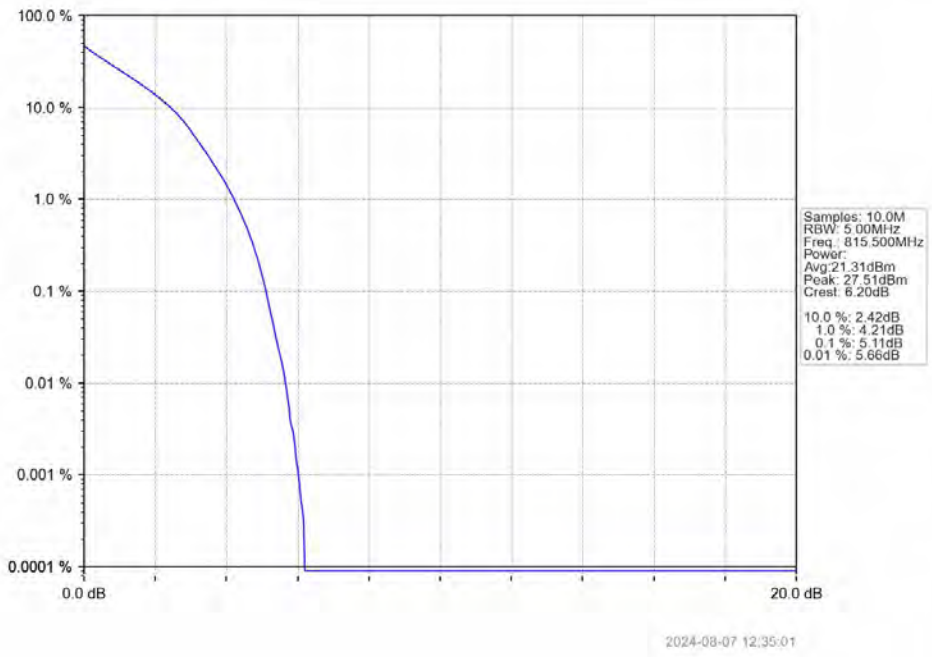



Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

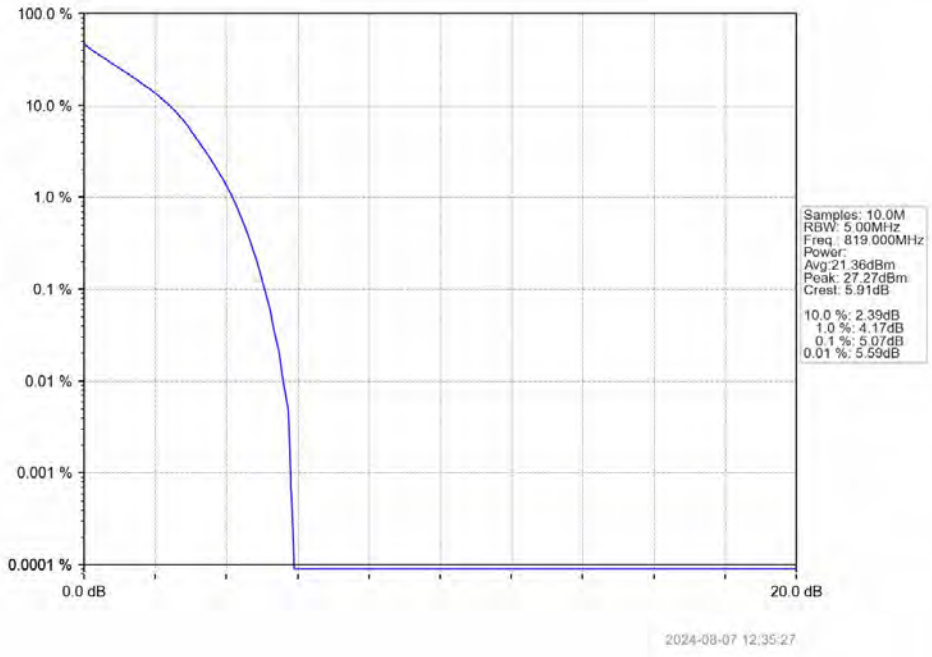


## 5.2.2 B26a_3MHz

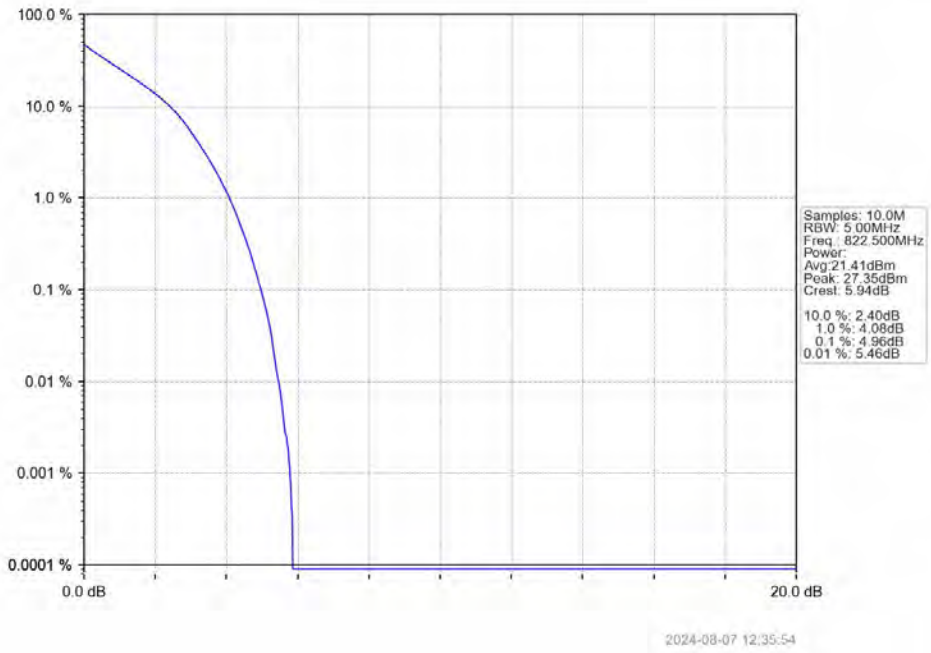
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



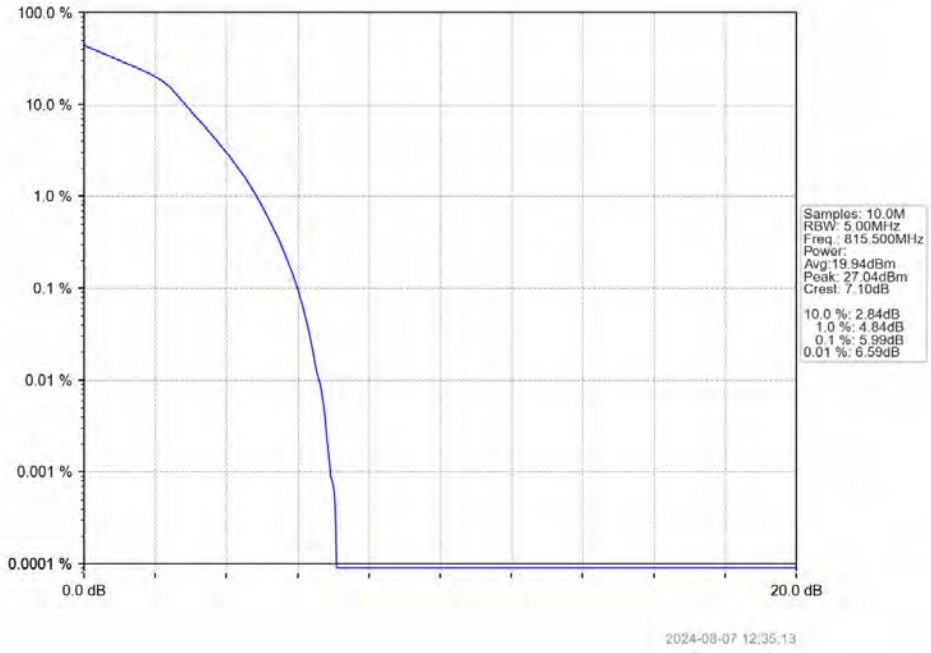

Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



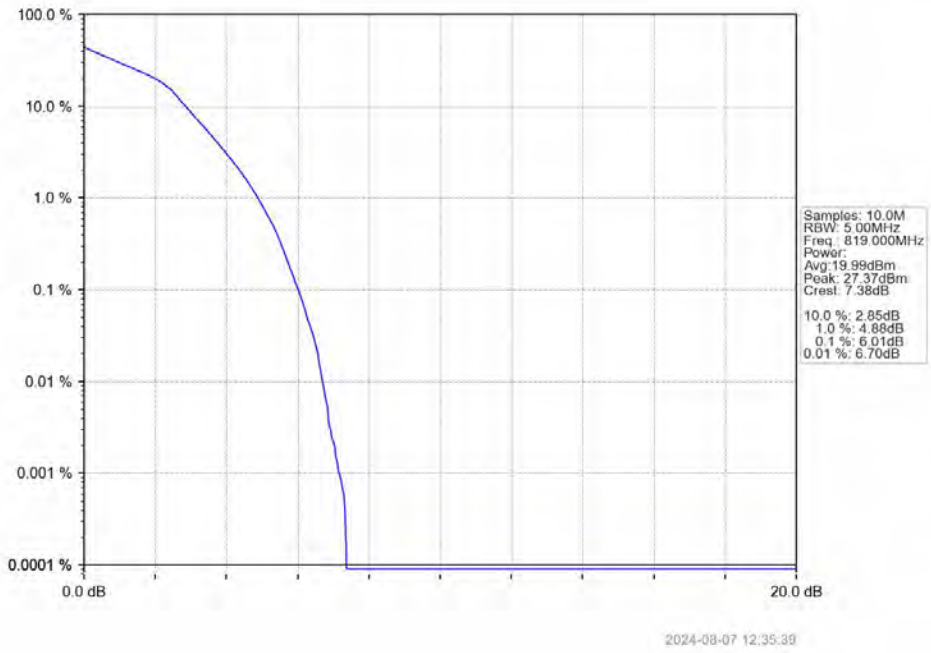
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



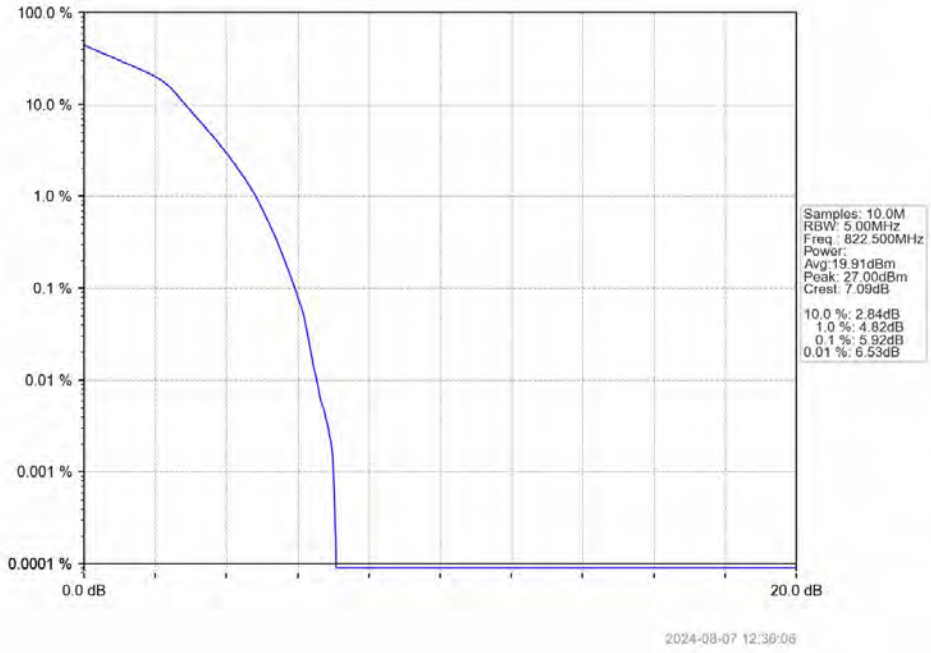

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV

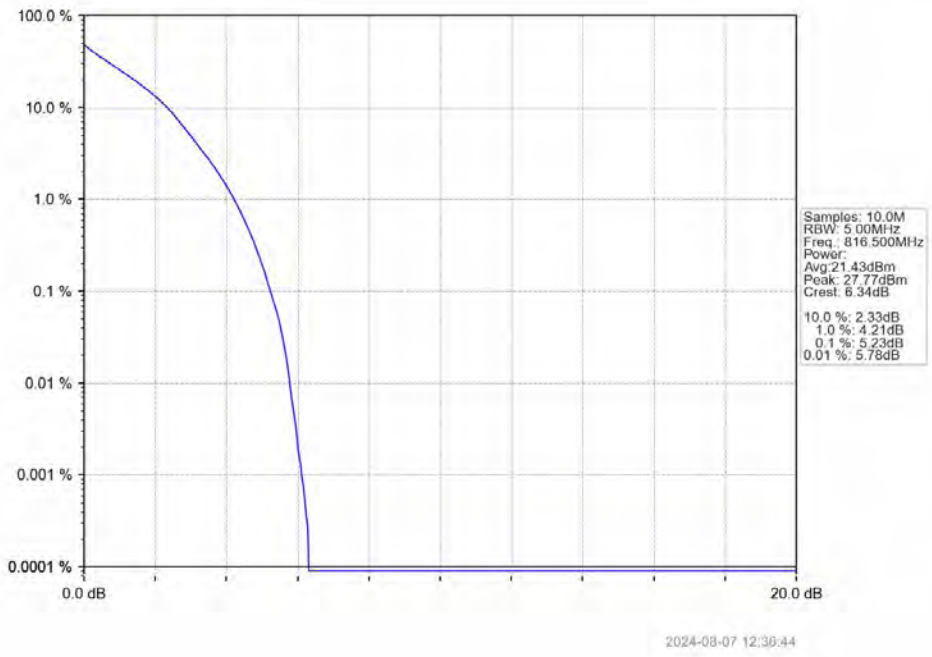



Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV

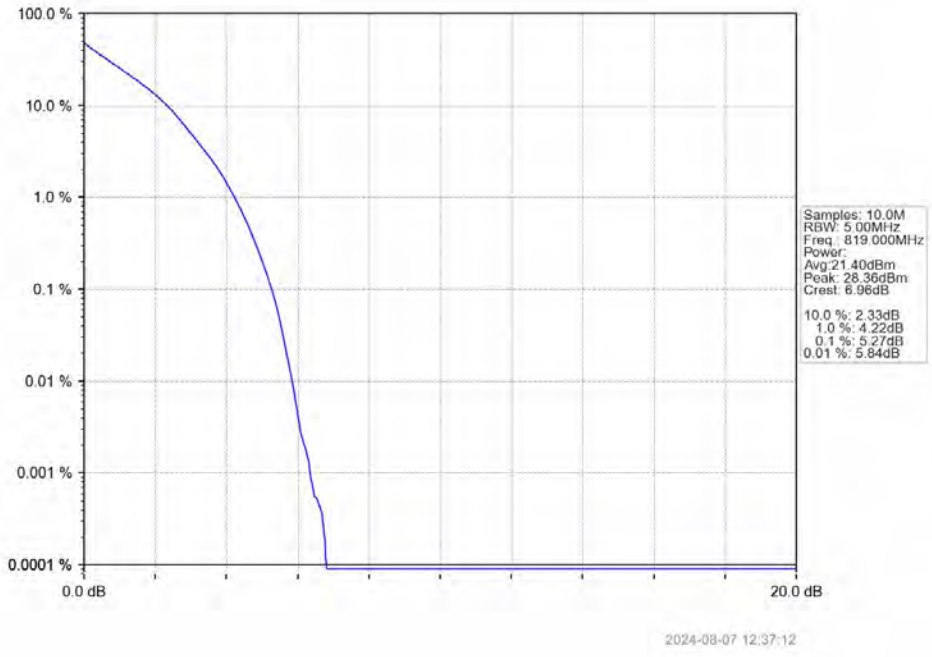


## 5.2.3 B26a_5MHz

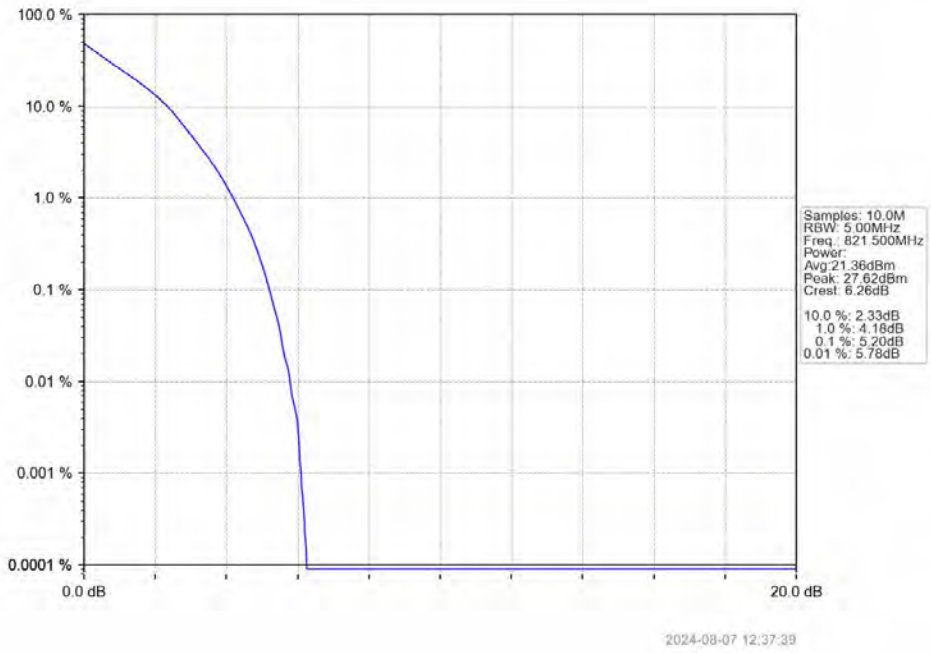
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



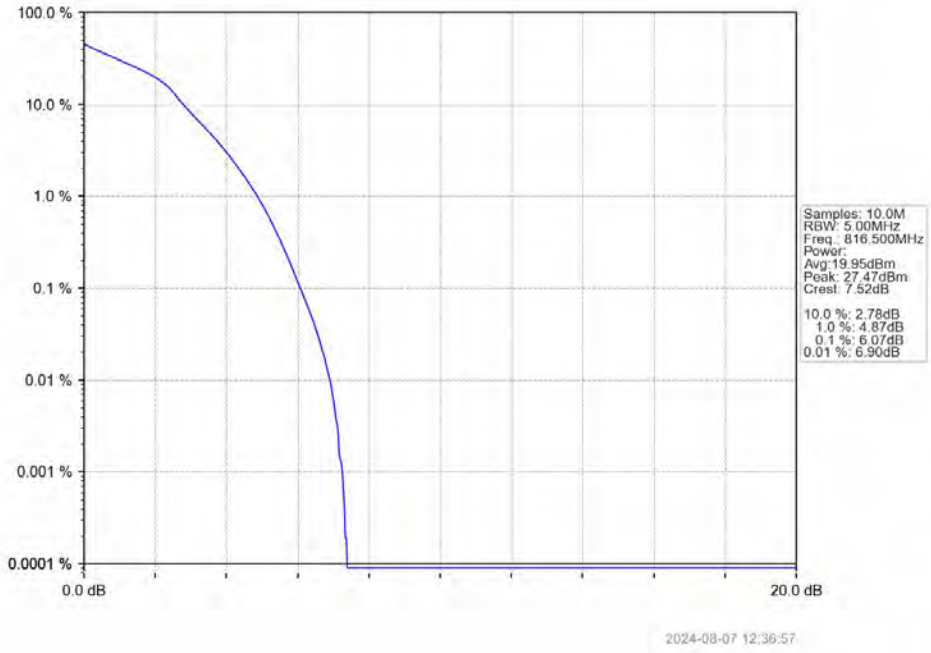

Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



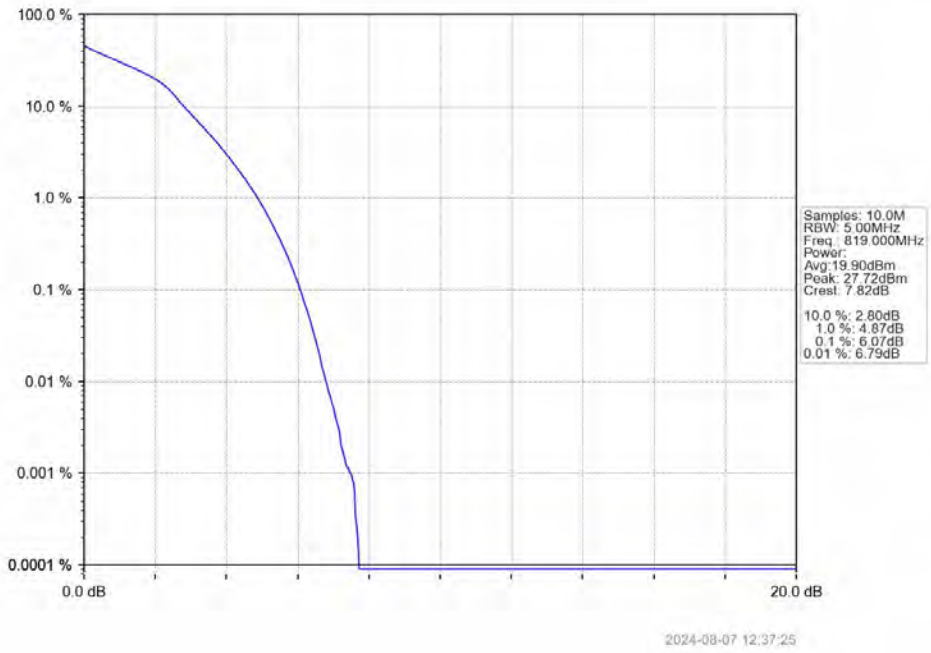
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



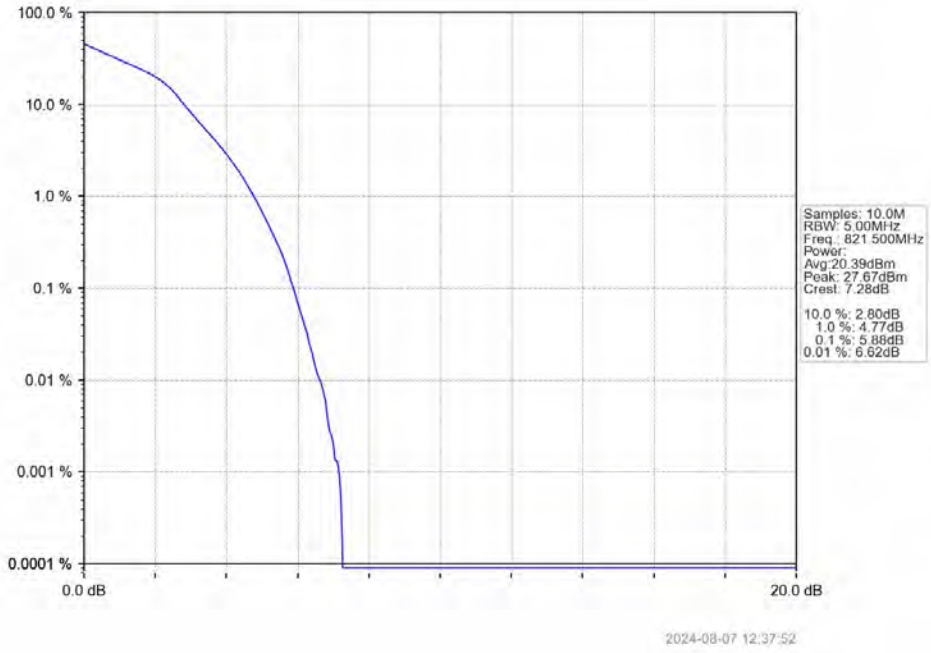

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV

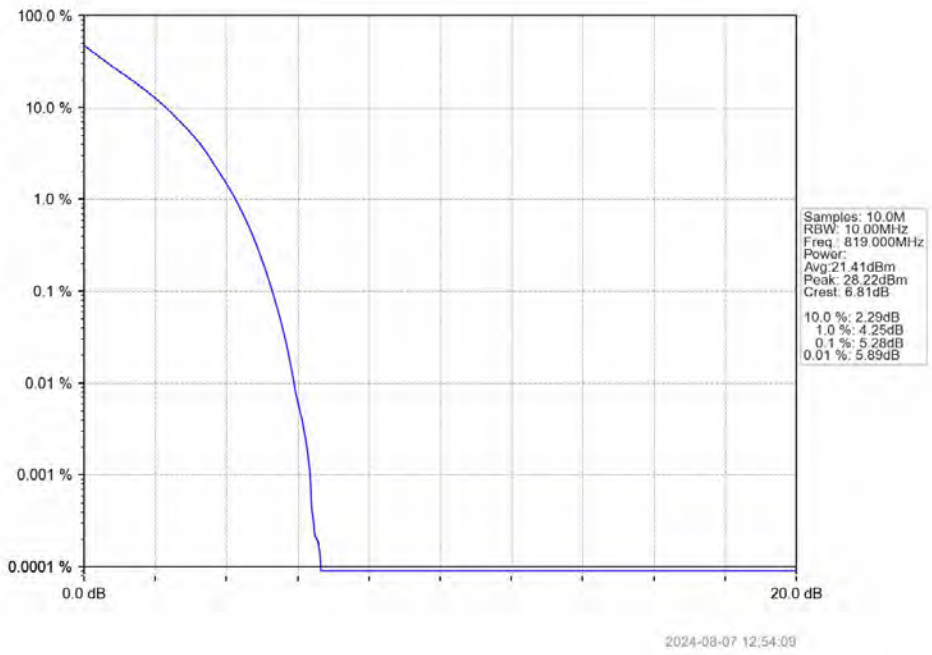



Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV

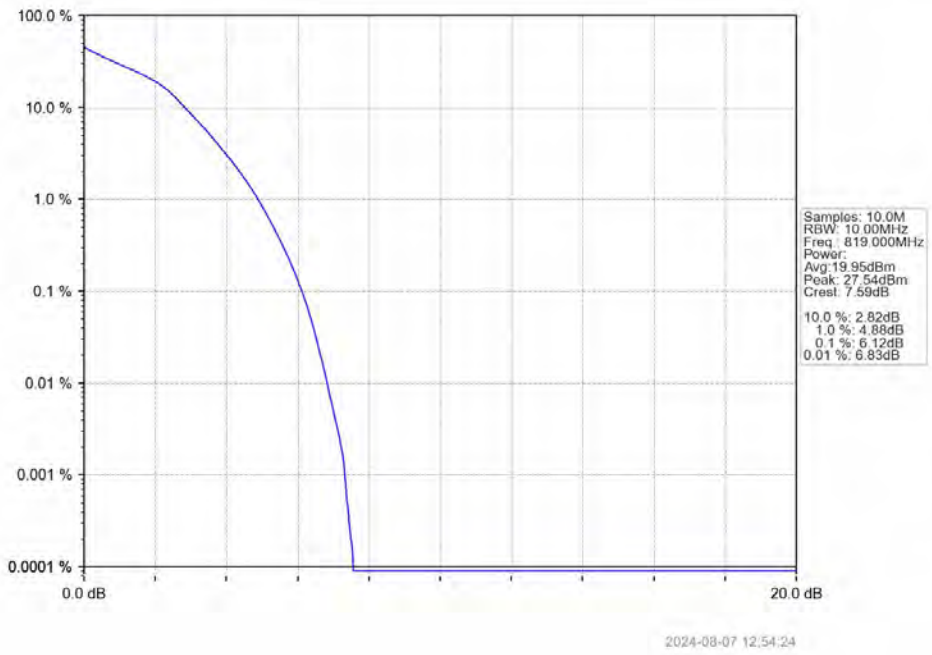


## 5.2.4 B26a_10MHz

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 |

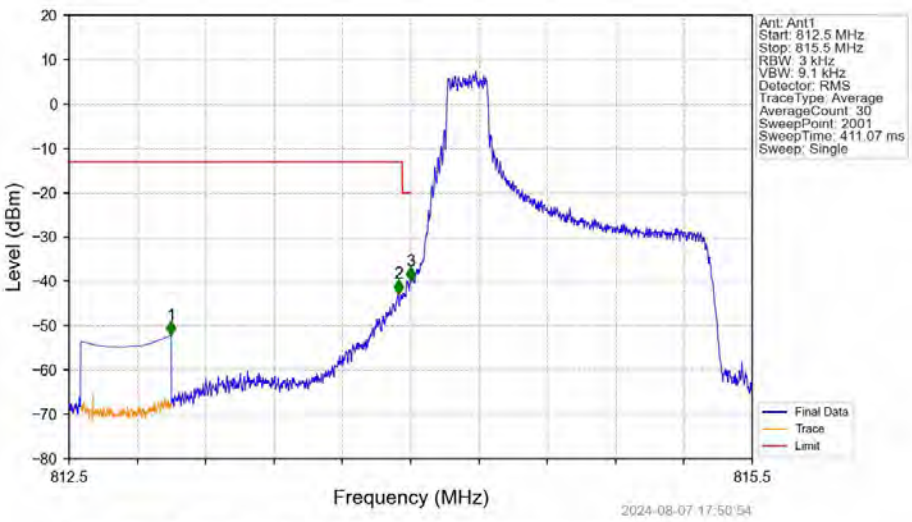
### 6.1.4 B26a_10MHz

| 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

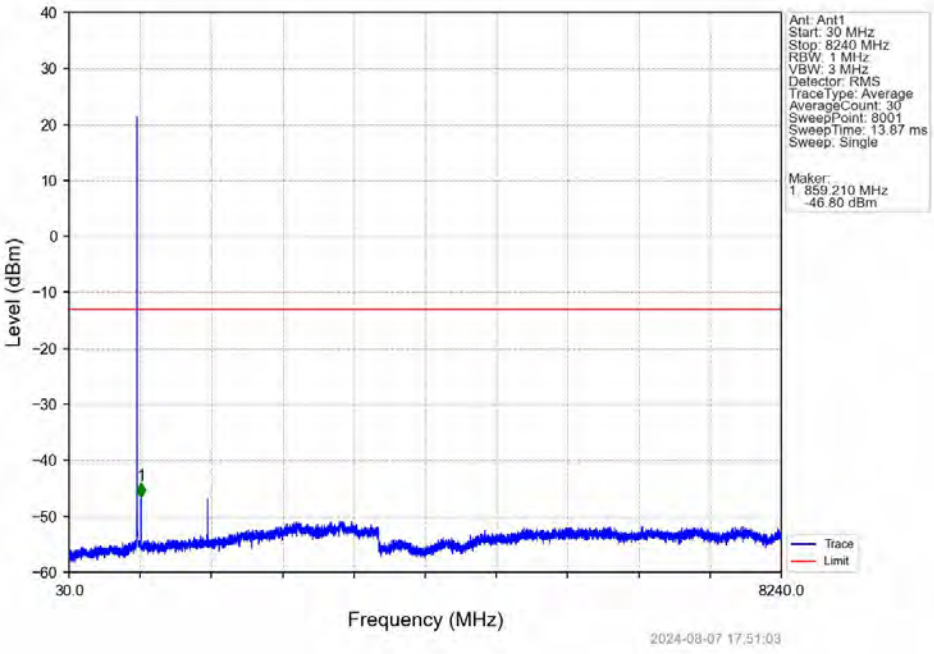
### 6.2.1 B26a_1.4MHz

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV

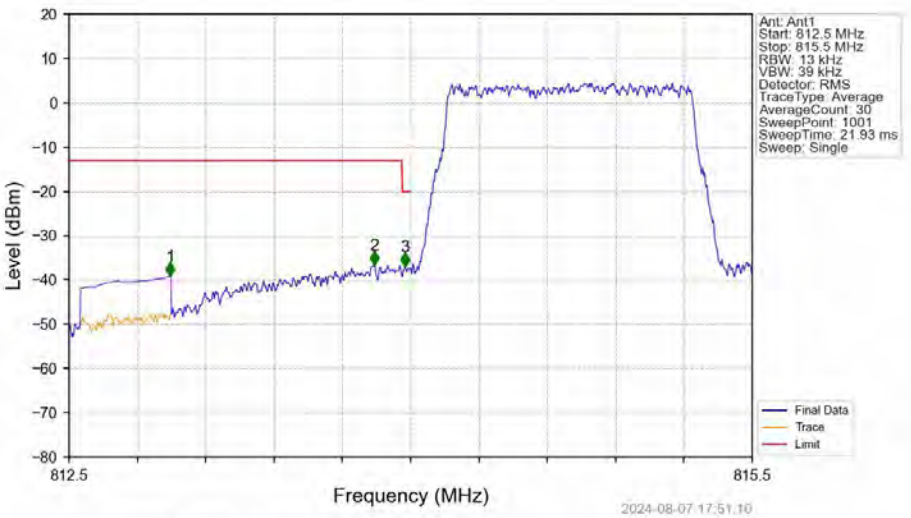



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 812.5 | 813 | 0.1 | CHP | 1 | 812.948 | -52.14 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.946 | -42.69 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.999 | -39.82 | -20 | Pass |
| 814 | 815.5 | 0.003 | / | / | / | / | / | / |

Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV

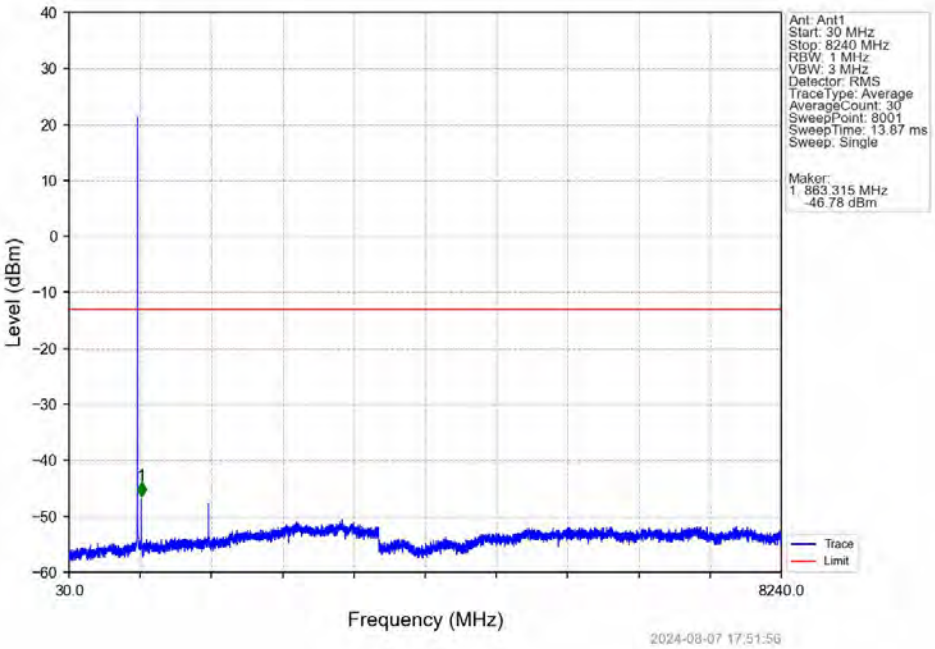


Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV

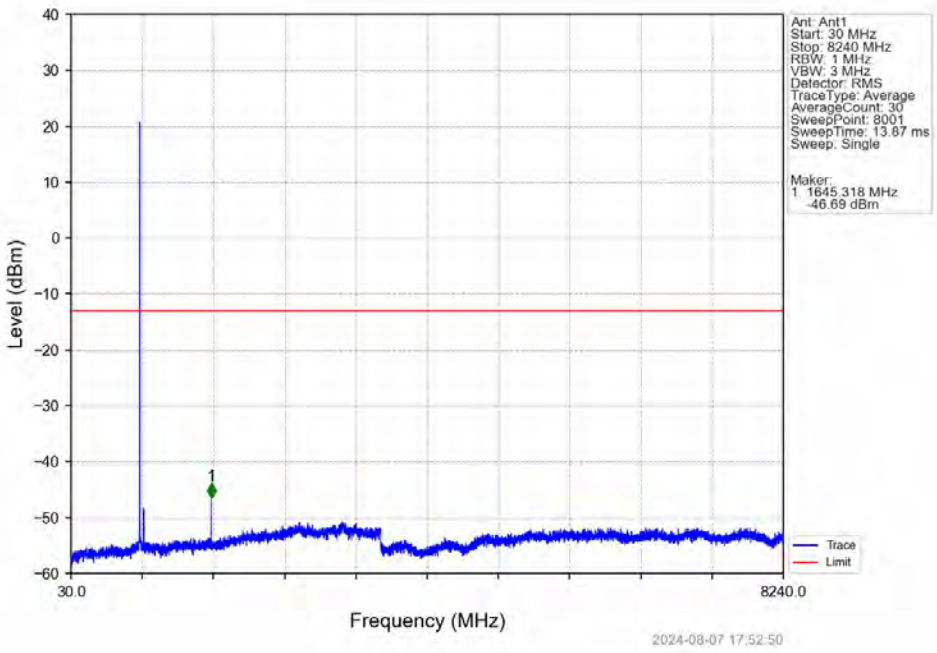



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 812.5 | 813 | 0.1 | CHP | 1 | 812.944 | -39.13 | -13 | Pass |
| 813 | 813.963 | 0.013 | / | 2 | 813.841 | -36.52 | -13 | Pass |
| 813.963 | 814 | 0.013 | / | 3 | 813.976 | -37.04 | -20 | Pass |
| 814 | 815.5 | 0.013 | / | / | / | / | / | / |

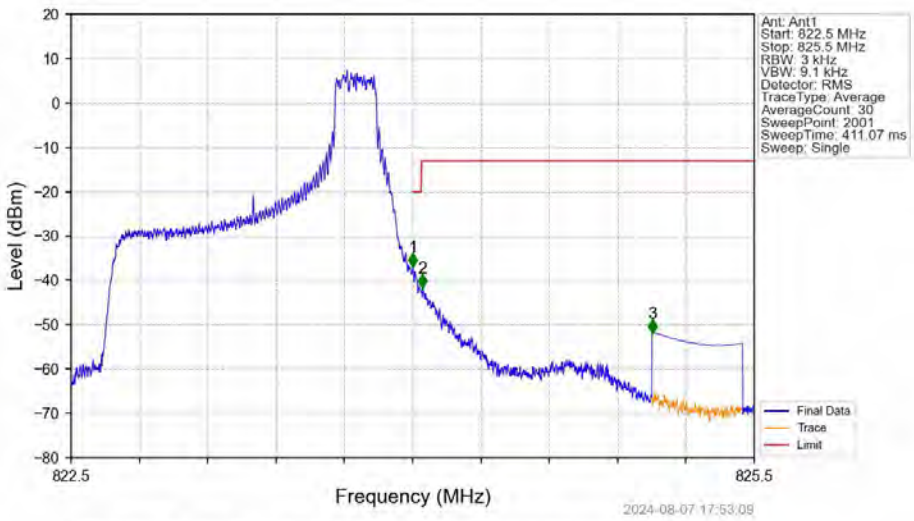
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV

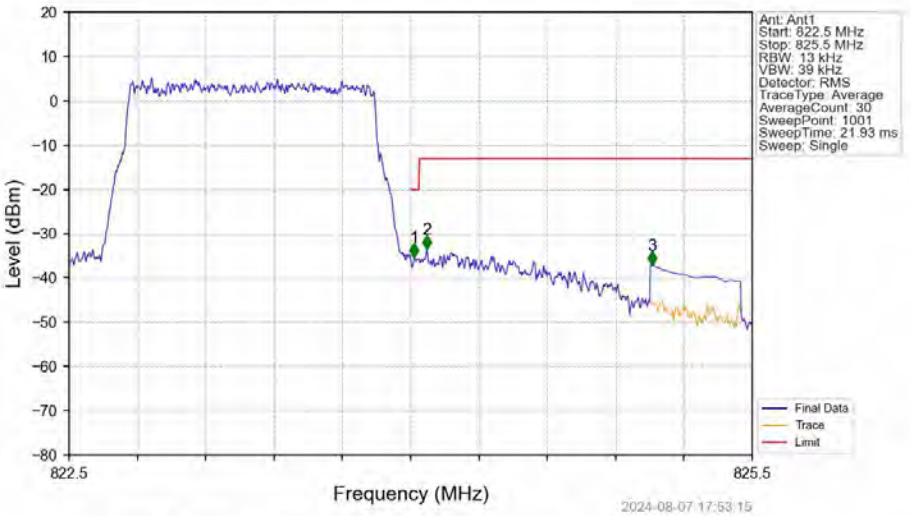



Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_5_NTNV



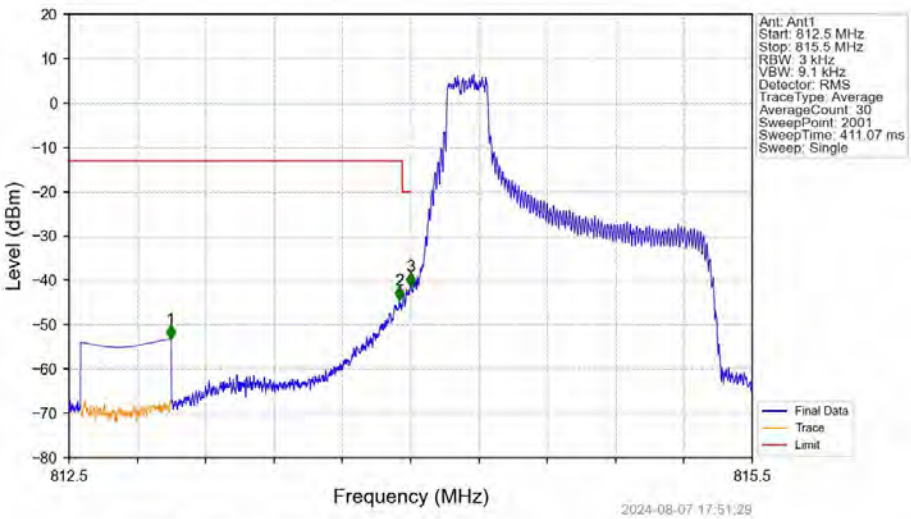

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 824 | 0.003 | / | / | / | / | / | / |
| 824 | 824.038 | 0.003 | / | 1 | 824.001 | -37.00 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.043 | -41.66 | -13 | Pass |
| 825 | 825.5 | 0.1 | CHP | 3 | 825.052 | -51.81 | -13 | Pass |

Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



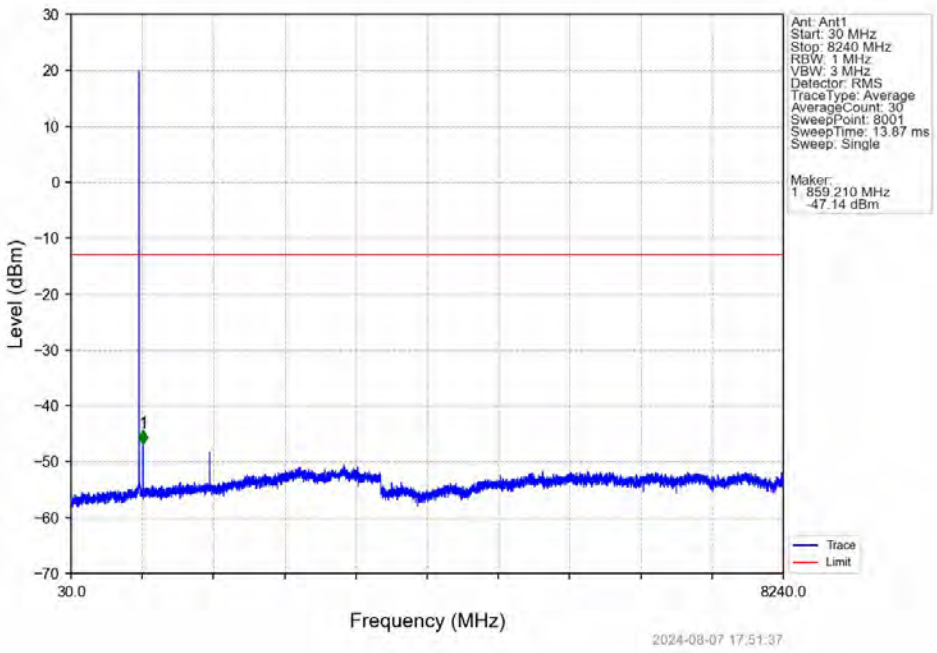

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 824 | 0.013 | / | / | / | / | / | / |
| 824 | 824.038 | 0.013 | / | 1 | 824.015 | -35.26 | -20 | Pass |
| 824.038 | 825 | 0.013 | / | 2 | 824.072 | -33.49 | -13 | Pass |
| 825 | 825.5 | 0.1 | CHP | 3 | 825.059 | -37.16 | -13 | Pass |

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV

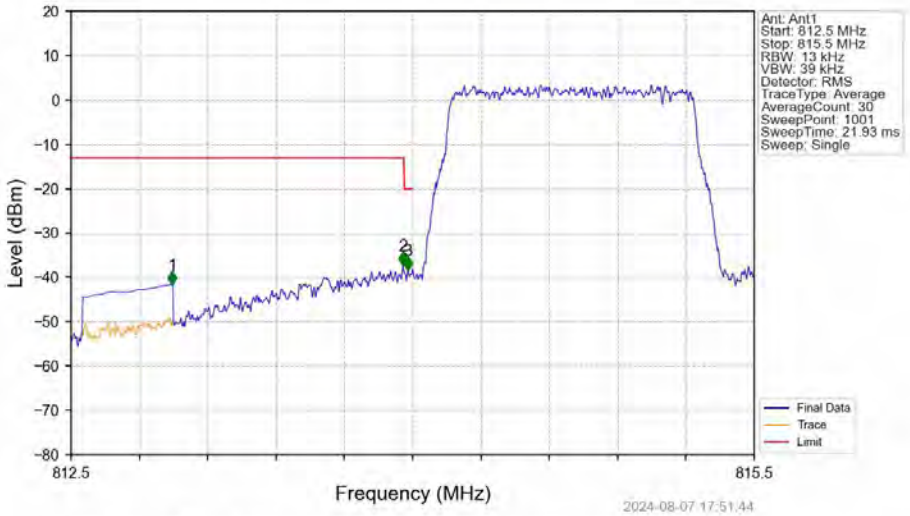



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 812.5 | 813 | 0.1 | CHP | 1 | 812.947 | -53.18 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.951 | -44.50 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.999 | -41.30 | -20 | Pass |
| 814 | 815.5 | 0.003 | / | / | / | / | / | / |

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV

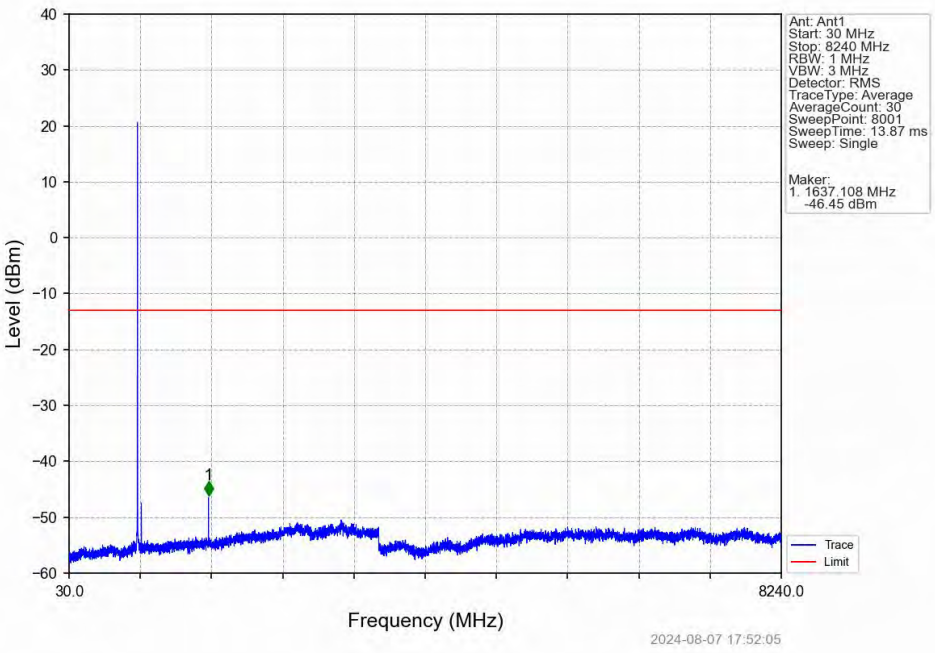



Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV

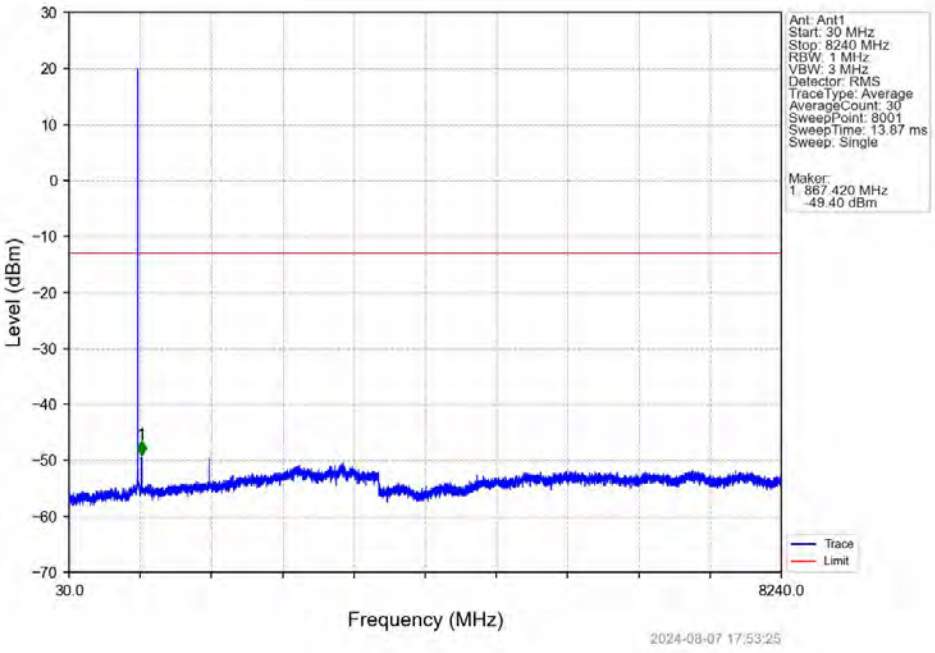



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 812.5 | 813 | 0.1 | CHP | 1 | 812.944 | -41.63 | -13 | Pass |
| 813 | 813.963 | 0.013 | / | 2 | 813.958 | -37.34 | -13 | Pass |
| 813.963 | 814 | 0.013 | / | 3 | 813.979 | -38.39 | -20 | Pass |
| 814 | 815.5 | 0.013 | / | / | / | / | / | / |

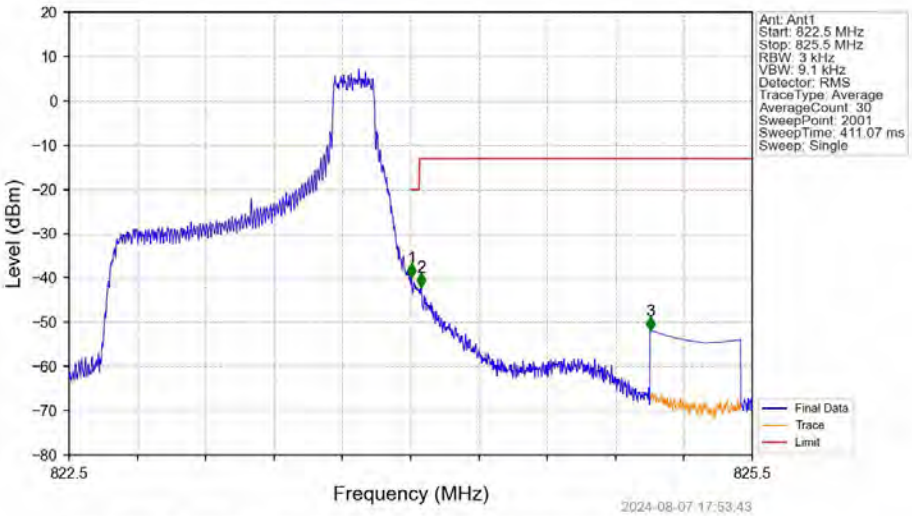
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_1_0_NTNV




Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_1_0_NTNV

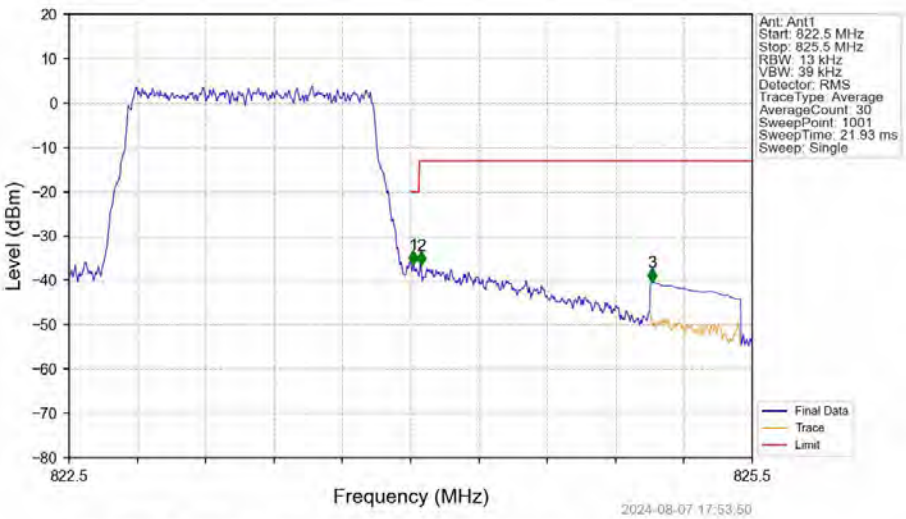


Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_1_5_NTNV




| 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 | 824.005 | -39.84 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.047 | -42.14 | -13 | Pass |
| 825 | 825.5 | 0.1 | CHP | 3 | 825.052 | -51.86 | -13 | Pass |

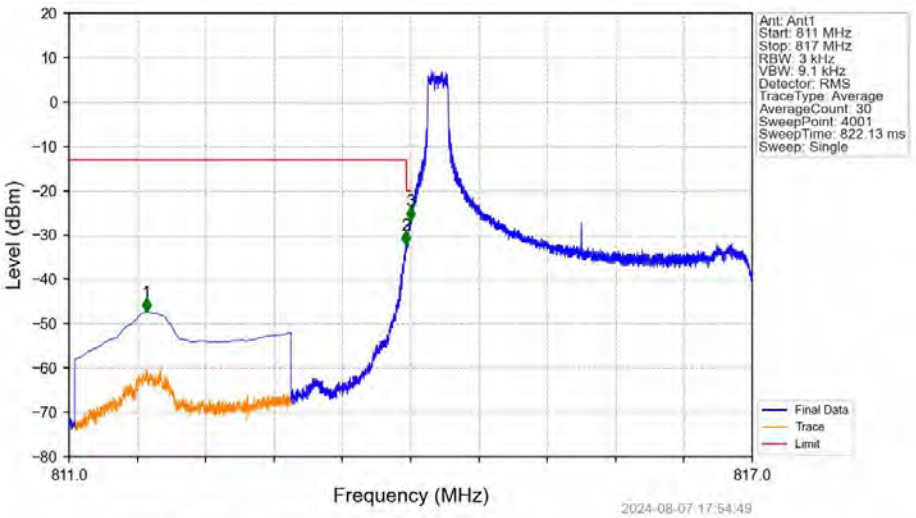
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV




| 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 | 824.012 | -36.41 | -20 | Pass |
| 824.038 | 825 | 0.013 | / | 2 | 824.045 | -36.51 | -13 | Pass |
| 825 | 825.5 | 0.1 | CHP | 3 | 825.059 | -40.48 | -13 | Pass |

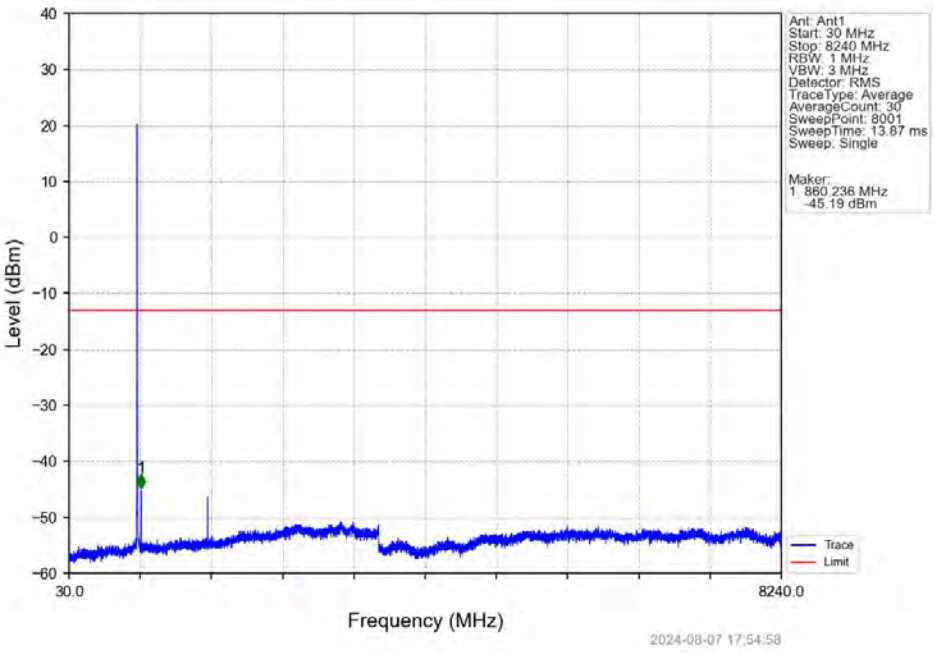
## 6.2.2 B26a_3MHz

Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV

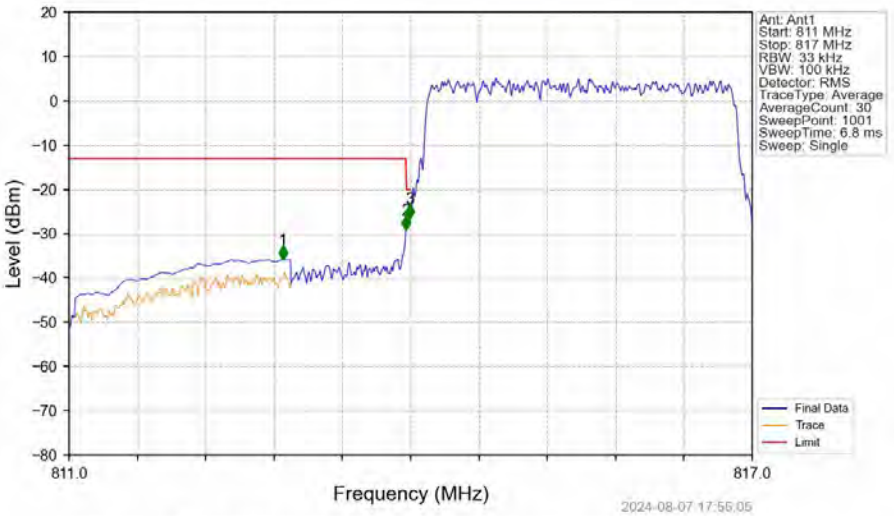



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 811 | 813 | 0.1 | CHP | 1 | 811.681 | -47.33 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.960 | -32.19 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.999 | -26.75 | -20 | Pass |
| 814 | 817 | 0.003 | / | / | / | / | / | / |

Band26a_3MHz_QPSK_LCH_815.5MHz_RB_1_0_NTNV

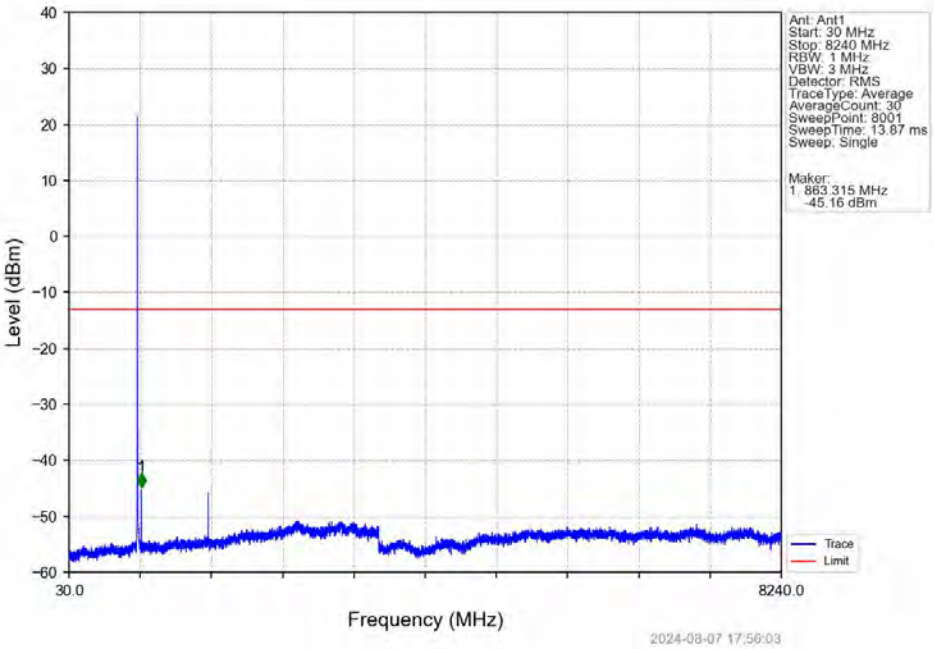


Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV

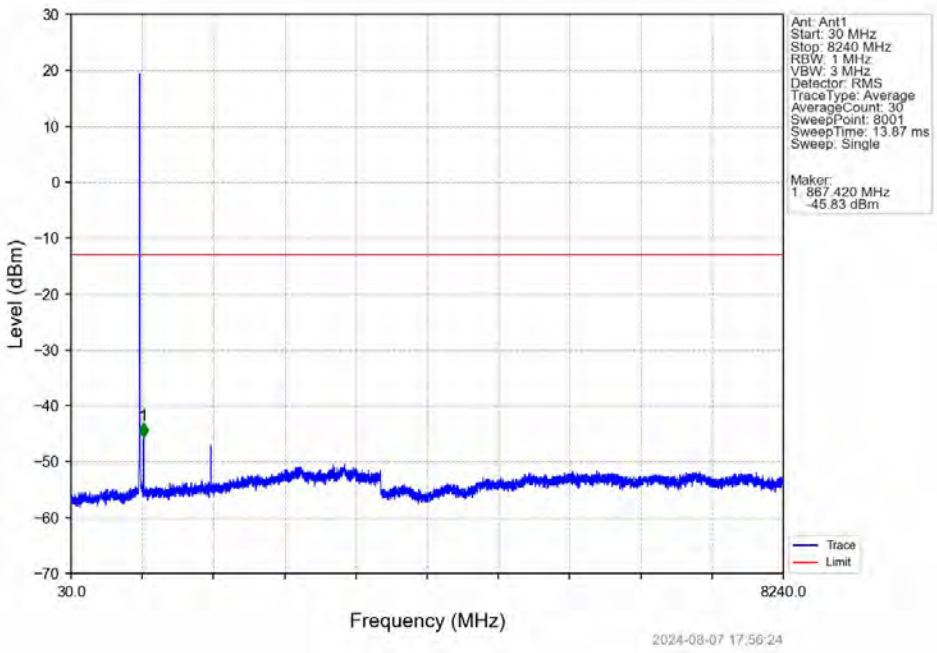



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 811 | 813 | 0.1 | CHP | 1 | 812.878 | -35.88 | -13 | Pass |
| 813 | 813.963 | 0.033 | / | 2 | 813.958 | -29.14 | -13 | Pass |
| 813.963 | 814 | 0.033 | / | 3 | 813.994 | -26.51 | -20 | Pass |
| 814 | 817 | 0.033 | / | / | / | / | / | / |

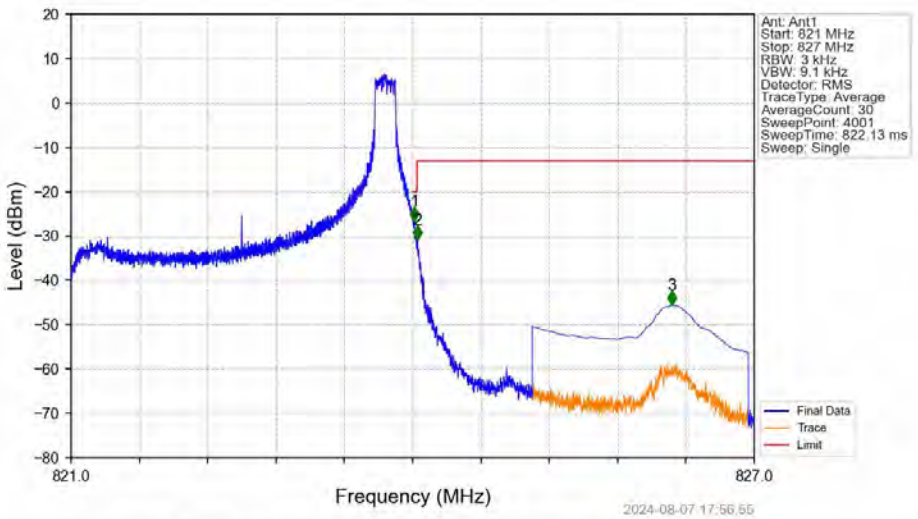
Band26a_3MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_0_NTNV

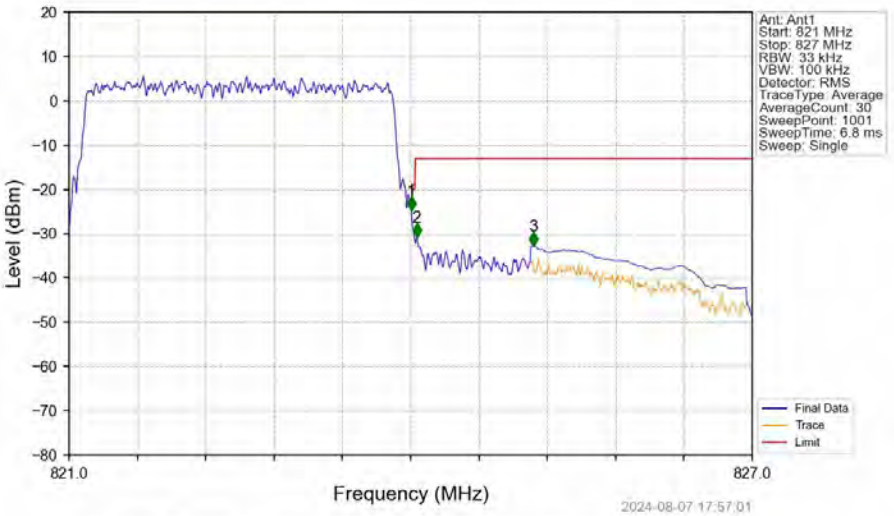



Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_14_NTNV



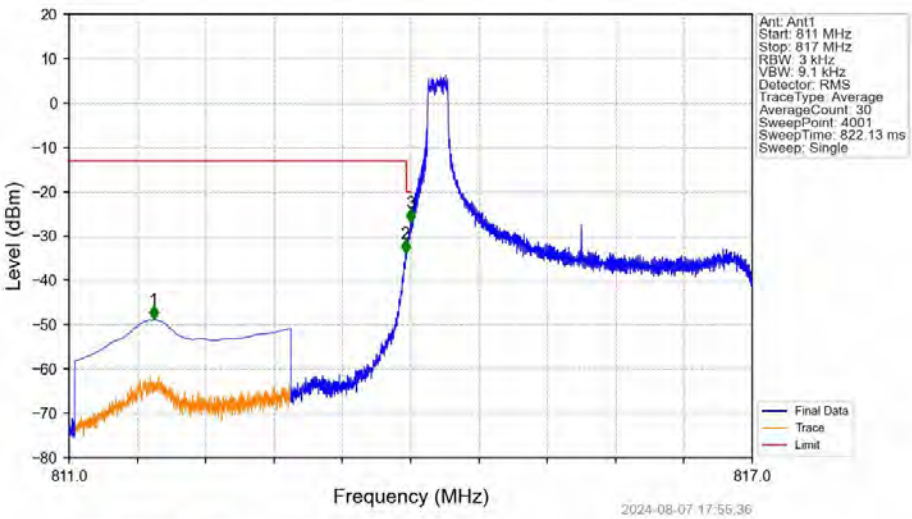

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 824 | 0.003 | / | / | / | / | / | / |
| 824 | 824.038 | 0.003 | / | 1 | 824.015 | -26.61 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.042 | -30.70 | -13 | Pass |
| 825 | 827 | 0.1 | CHP | 3 | 826.274 | -45.55 | -13 | Pass |

Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



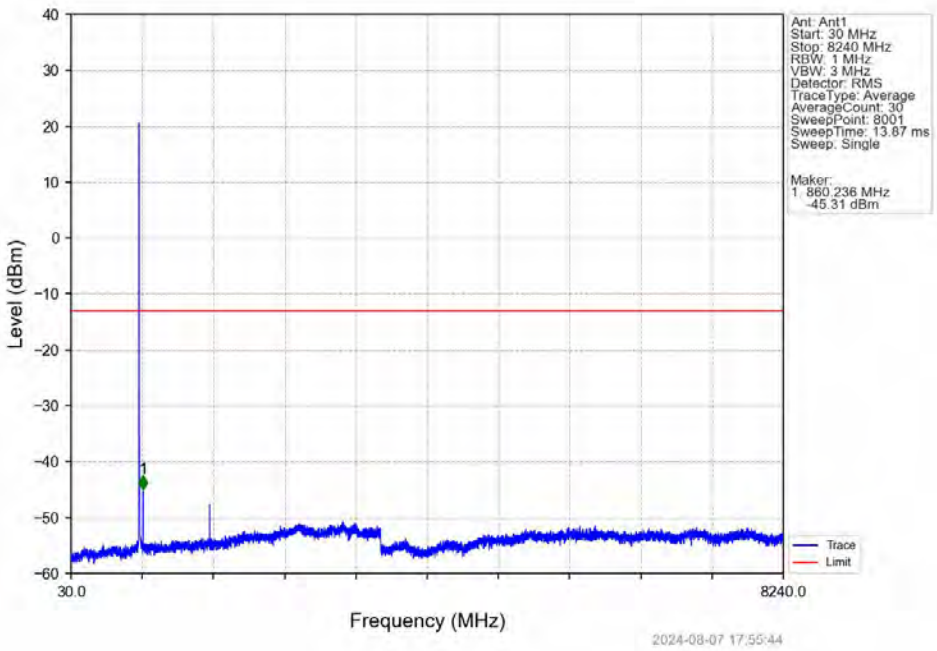

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 824 | 0.033 | / | / | / | / | / | / |
| 824 | 824.038 | 0.033 | / | 1 | 824.006 | -24.72 | -20 | Pass |
| 824.038 | 825 | 0.033 | / | 2 | 824.054 | -30.78 | -13 | Pass |
| 825 | 827 | 0.1 | CHP | 3 | 825.080 | -32.74 | -13 | Pass |

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_1_0_NTNV

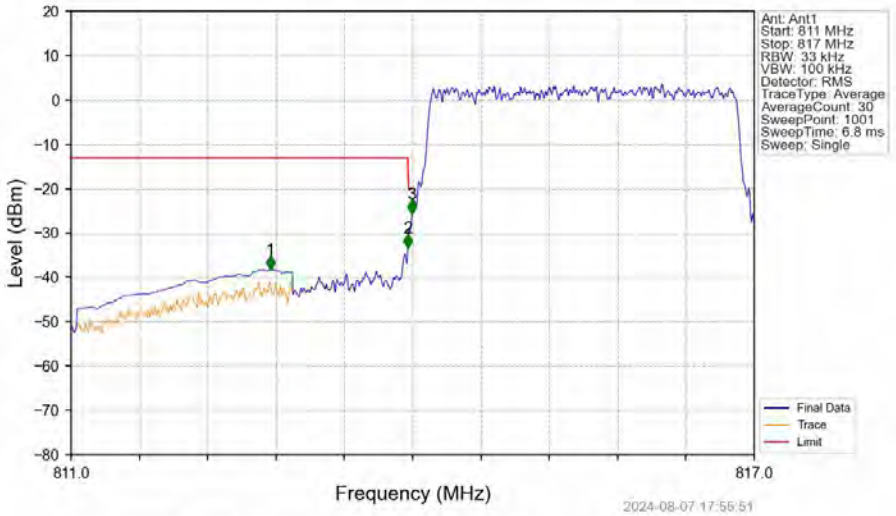



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 811 | 813 | 0.1 | CHP | 1 | 811.742 | -48.83 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.955 | -33.95 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.999 | -26.89 | -20 | Pass |
| 814 | 817 | 0.003 | / | / | / | / | / | / |

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_1_0_NTNV

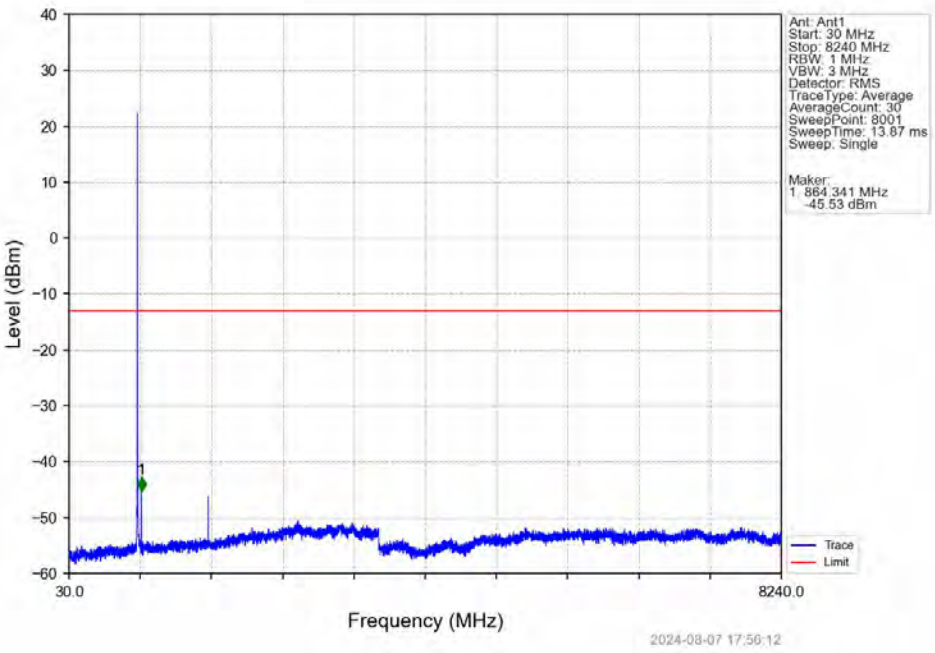



Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV

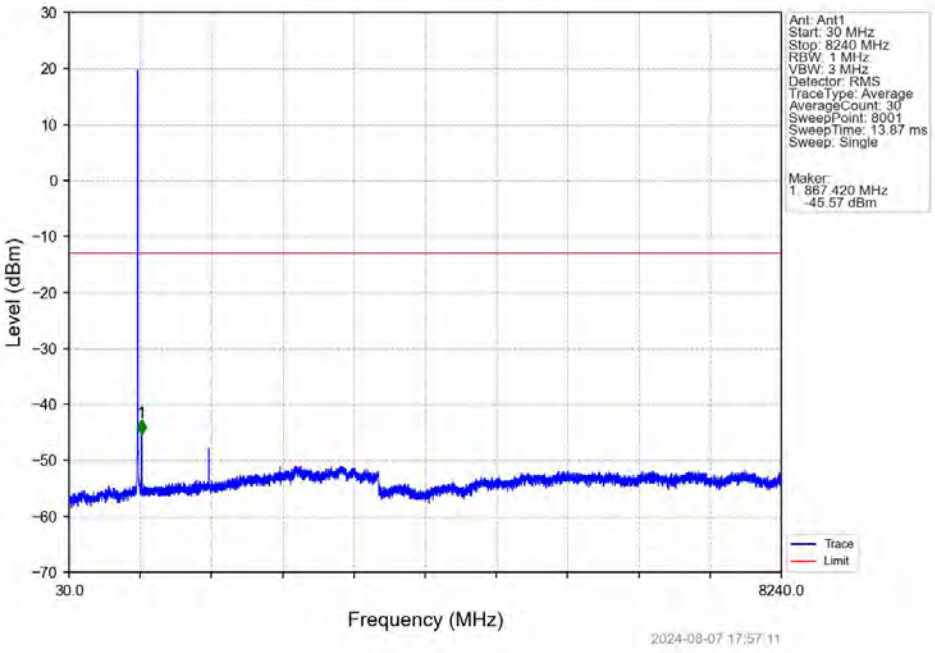



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 811 | 813 | 0.1 | CHP | 1 | 812.752 | -38.26 | -13 | Pass |
| 813 | 813.963 | 0.033 | / | 2 | 813.958 | -33.26 | -13 | Pass |
| 813.963 | 814 | 0.033 | / | 3 | 813.994 | -25.67 | -20 | Pass |
| 814 | 817 | 0.033 | / | / | / | / | / | / |

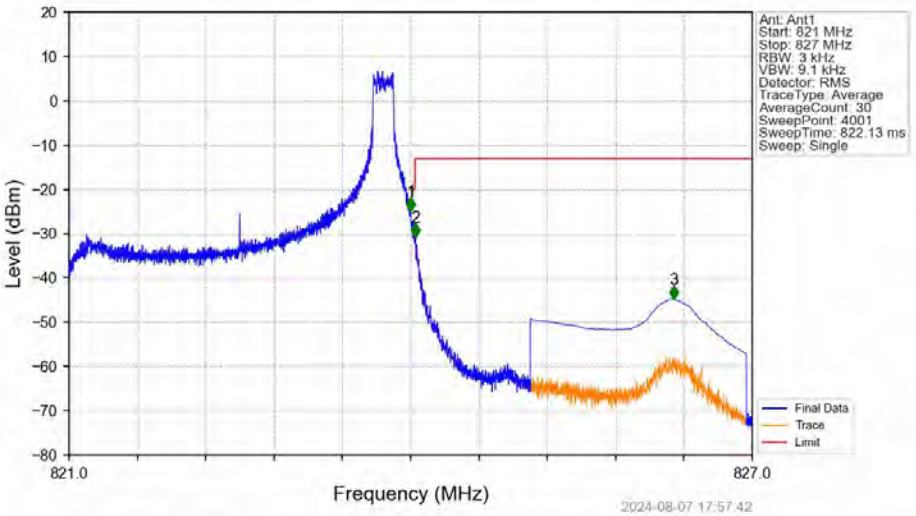
Band26a_3MHz_16QAM_MCH_819MHz_RB_1_0_NTNV




Band26a_3MHz_16QAM_HCH_822.5MHz_RB_1_0_NTNV

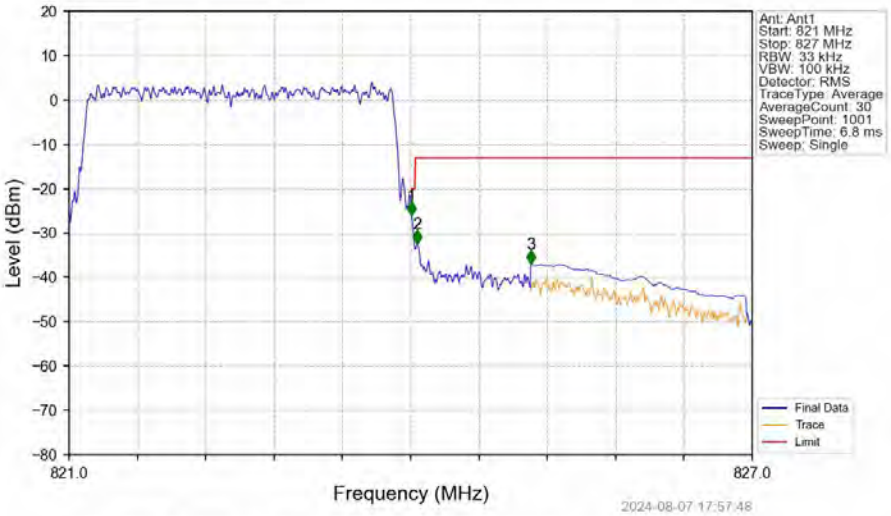


Band26a_3MHz_16QAM_HCH_822.5MHz_RB_1_14_NTNV




| 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 | -24.88 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.042 | -30.79 | -13 | Pass |
| 825 | 827 | 0.1 | CHP | 3 | 826.314 | -44.76 | -13 | Pass |

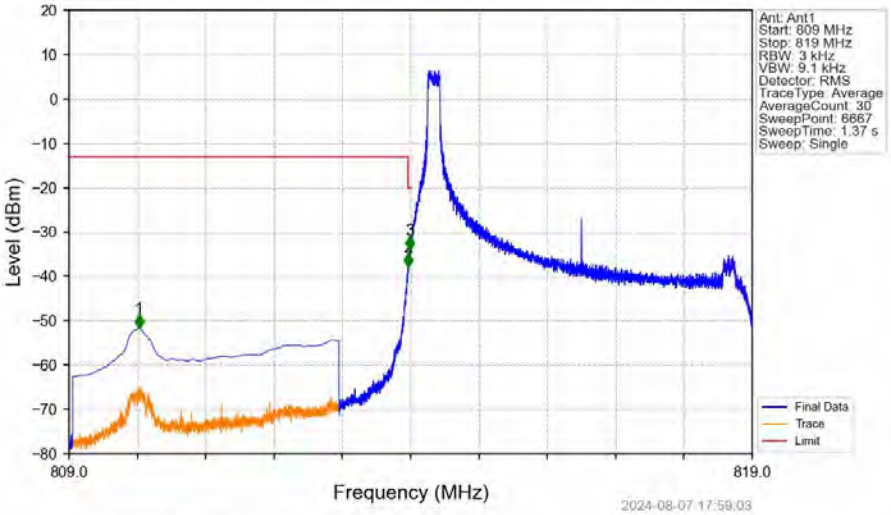
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV




| 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 | -25.96 | -20 | Pass |
| 824.038 | 825 | 0.033 | / | 2 | 824.060 | -32.36 | -13 | Pass |
| 825 | 827 | 0.1 | CHP | 3 | 825.056 | -36.91 | -13 | Pass |

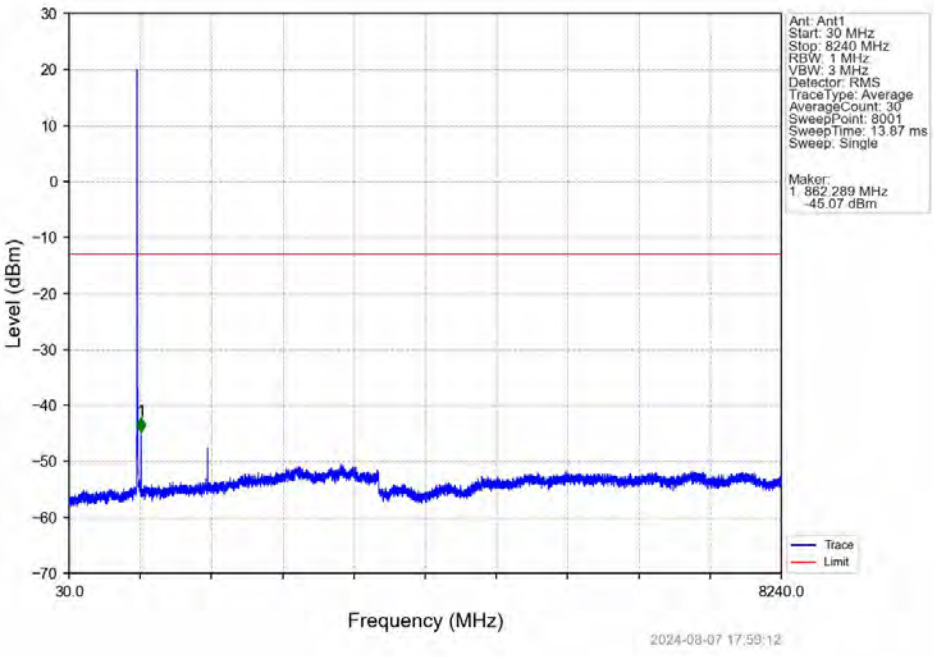
## 6.2.3 B26a_5MHz

Band26a_5MHz_QPSK_LCH_816.5MHz_RB_1_0_NTNV

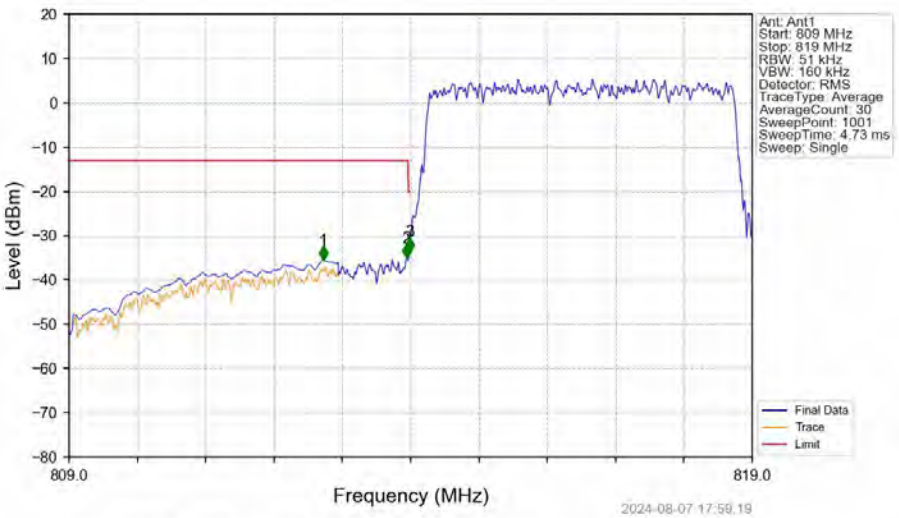



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 809 | 813 | 0.1 | CHP | 1 | 810.023 | -51.73 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.961 | -37.82 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.989 | -34.11 | -20 | Pass |
| 814 | 819 | 0.003 | / | / | / | / | / | / |

Band26a_5MHz_QPSK_LCH_816.5MHz_RB_1_0_NTNV

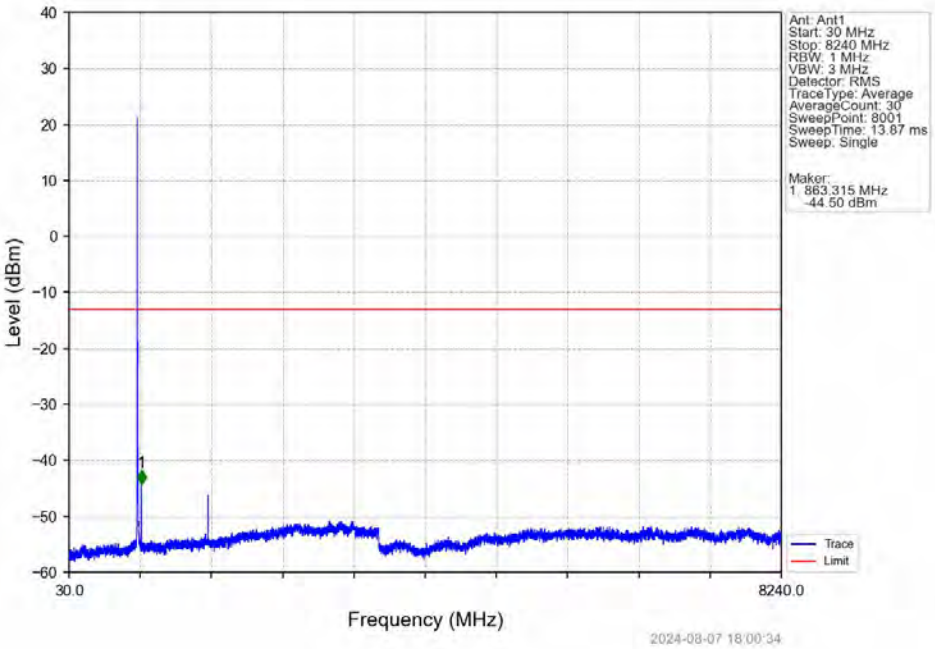


Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV

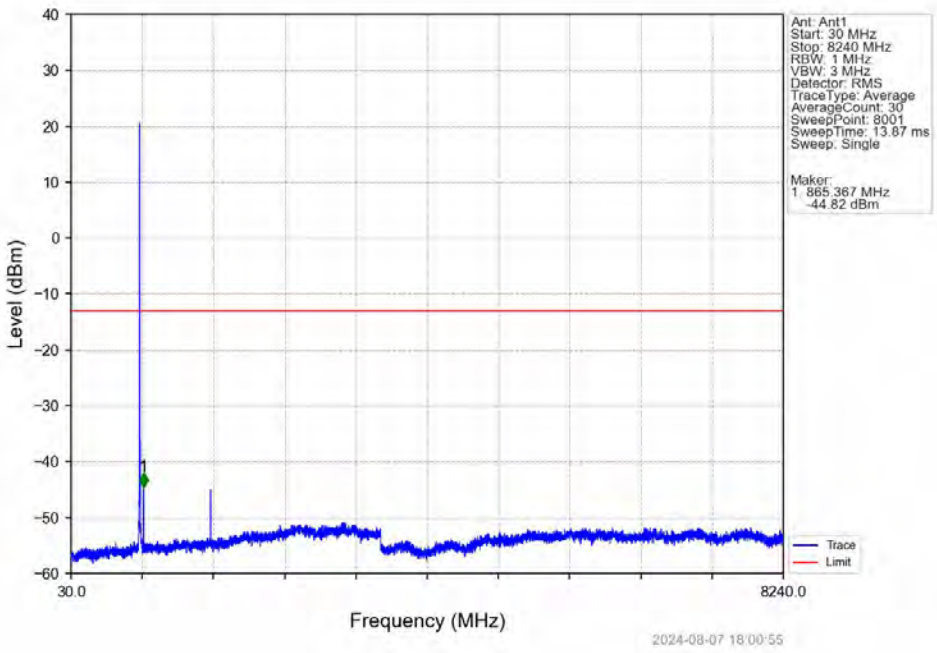



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 809 | 813 | 0.1 | CHP | 1 | 812.720 | -35.46 | -13 | Pass |
| 813 | 813.963 | 0.051 | / | 2 | 813.940 | -34.93 | -13 | Pass |
| 813.963 | 814 | 0.051 | / | 3 | 813.990 | -33.59 | -20 | Pass |
| 814 | 819 | 0.051 | / | / | / | / | / | / |

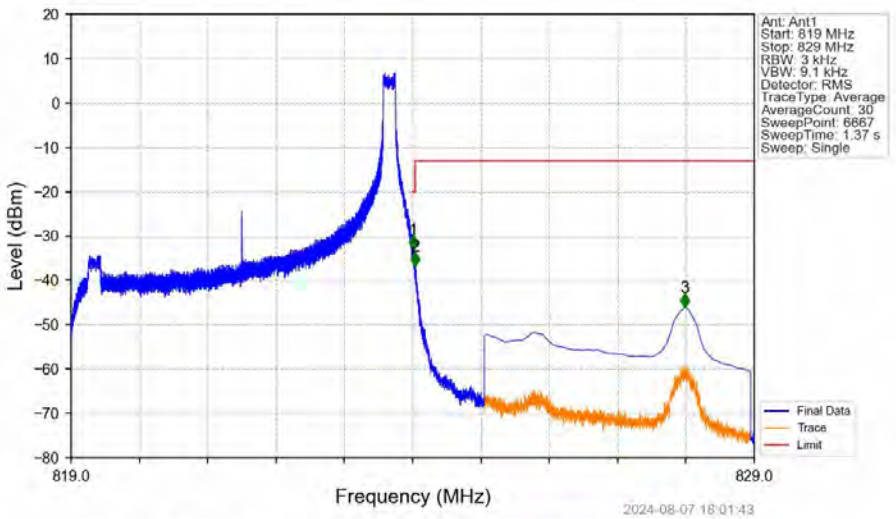
Band26a_5MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_0_NTNV

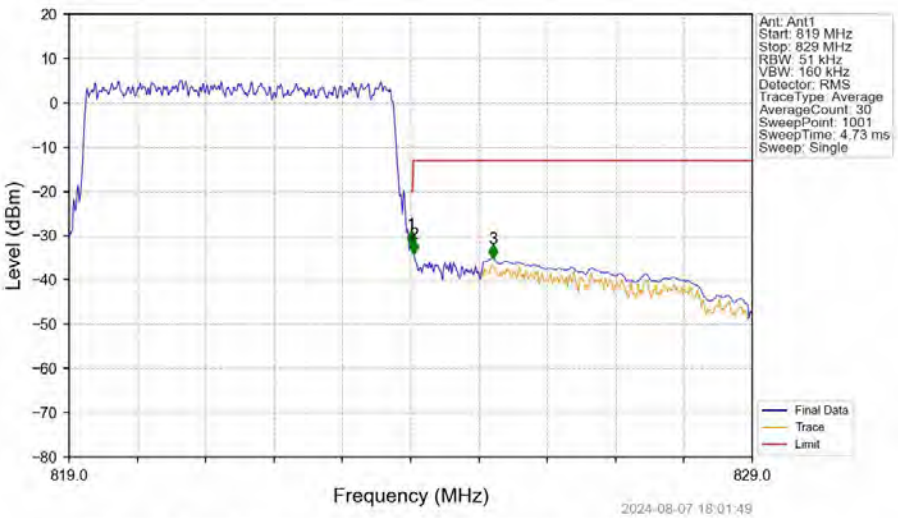



Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_24_NTNV



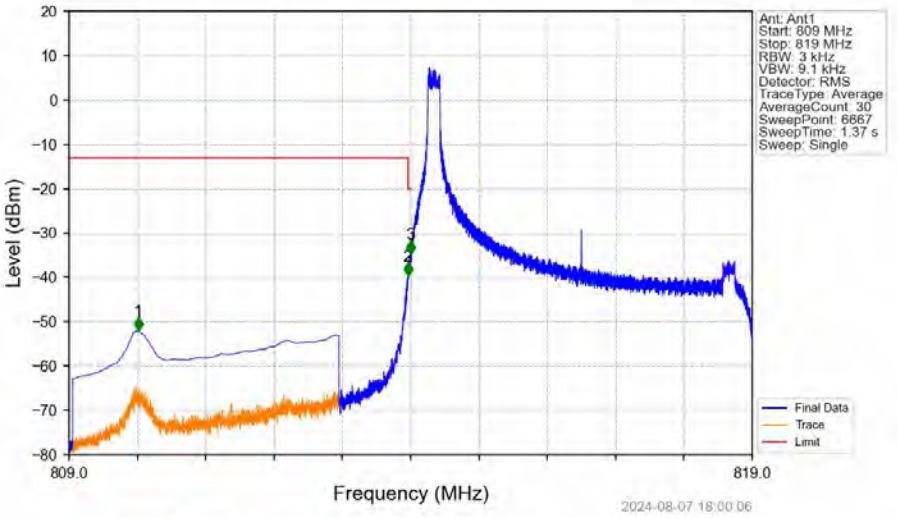

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 824 | 0.003 | / | / | / | / | / | / |
| 824 | 824.038 | 0.003 | / | 1 | 824.009 | -32.97 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.039 | -36.85 | -13 | Pass |
| 825 | 829 | 0.1 | CHP | 3 | 827.987 | -46.12 | -13 | Pass |

Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



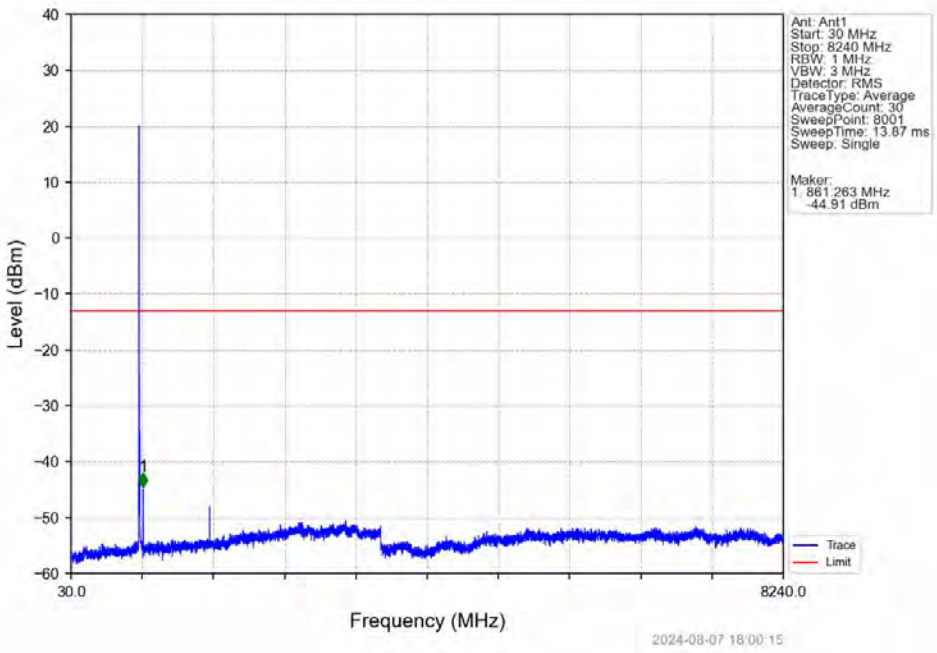

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 824 | 0.051 | / | / | / | / | / | / |
| 824 | 824.038 | 0.051 | / | 1 | 824.010 | -31.95 | -20 | Pass |
| 824.038 | 825 | 0.051 | / | 2 | 824.050 | -34.03 | -13 | Pass |
| 825 | 829 | 0.1 | CHP | 3 | 825.200 | -35.10 | -13 | Pass |

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_1_0_NTNV

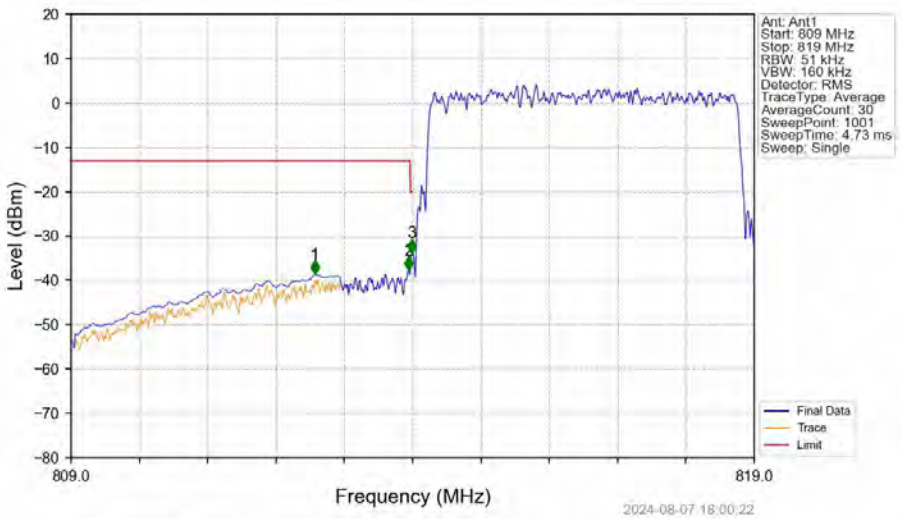



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 809 | 813 | 0.1 | CHP | 1 | 810.016 | -52.04 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.959 | -39.65 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.999 | -34.84 | -20 | Pass |
| 814 | 819 | 0.003 | / | / | / | / | / | / |

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_1_0_NTNV

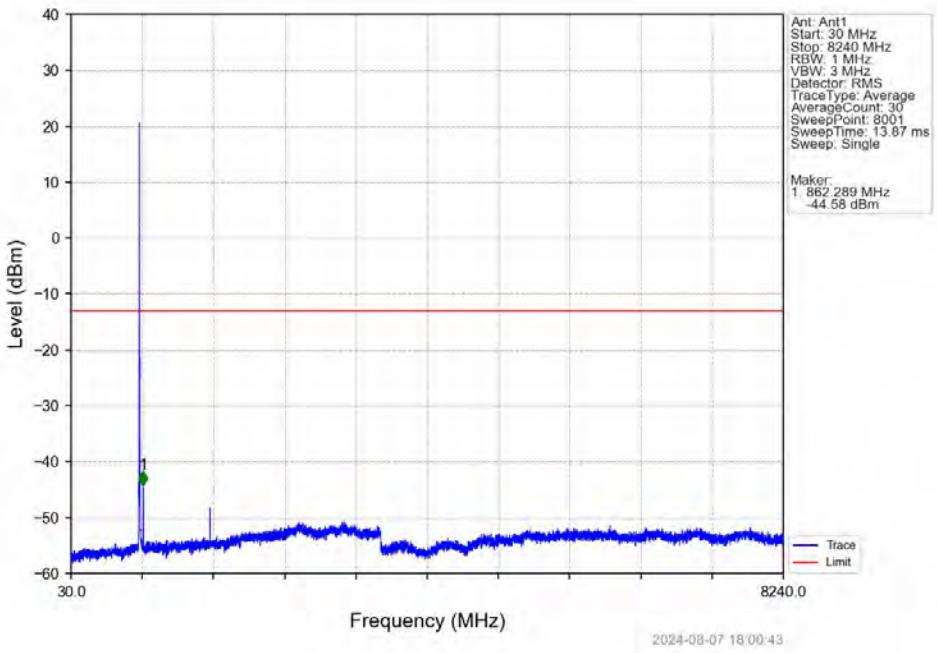



Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV

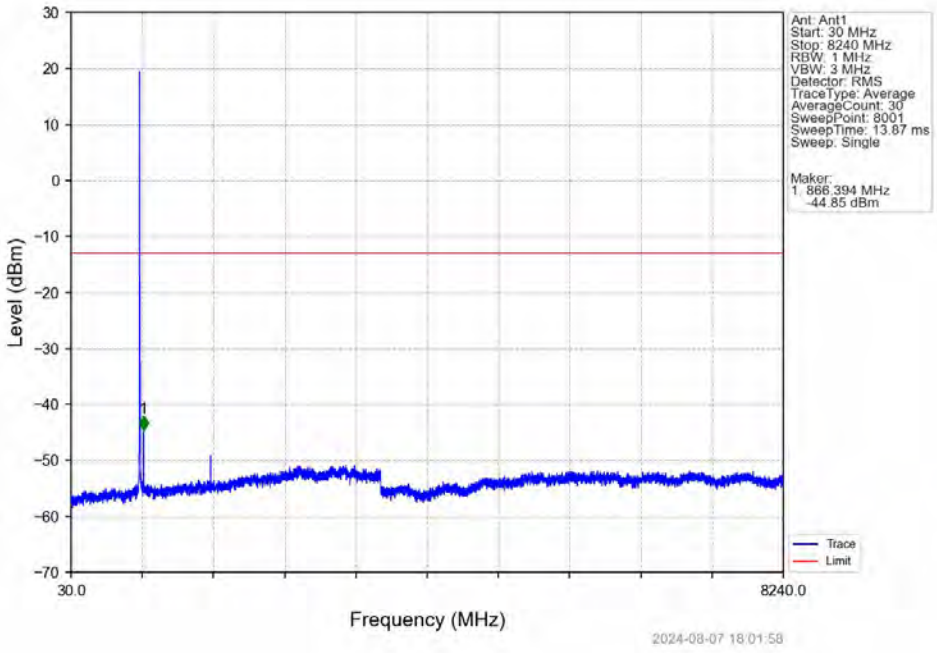



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 809 | 813 | 0.1 | CHP | 1 | 812.570 | -38.53 | -13 | Pass |
| 813 | 813.963 | 0.051 | / | 2 | 813.940 | -37.63 | -13 | Pass |
| 813.963 | 814 | 0.051 | / | 3 | 813.990 | -33.77 | -20 | Pass |
| 814 | 819 | 0.051 | / | / | / | / | / | / |

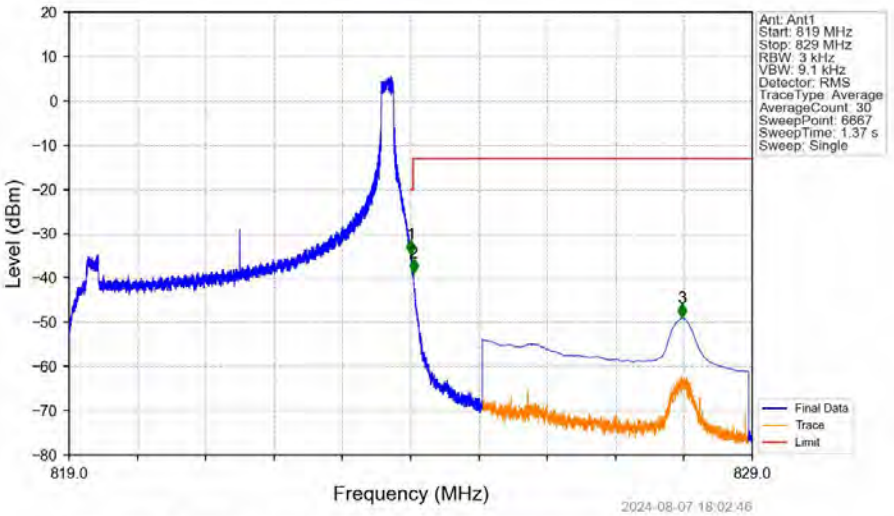
Band26a_5MHz_16QAM_MCH_819MHz_RB_1_0_NTNV




Band26a_5MHz_16QAM_HCH_821.5MHz_RB_1_0_NTNV

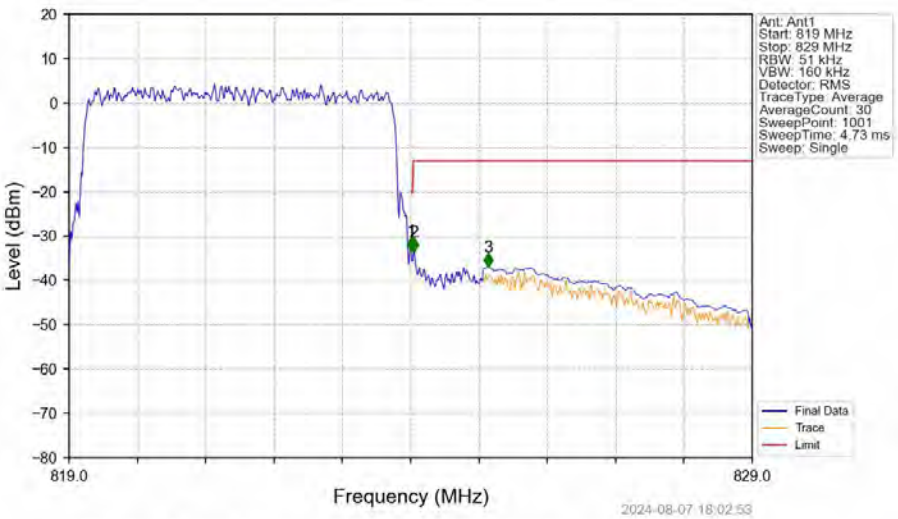


Band26a_5MHz_16QAM_HCH_821.5MHz_RB_1_24_NTNV




| 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 | 824.003 | -34.62 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.042 | -38.74 | -13 | Pass |
| 825 | 829 | 0.1 | CHP | 3 | 827.969 | -49.06 | -13 | Pass |

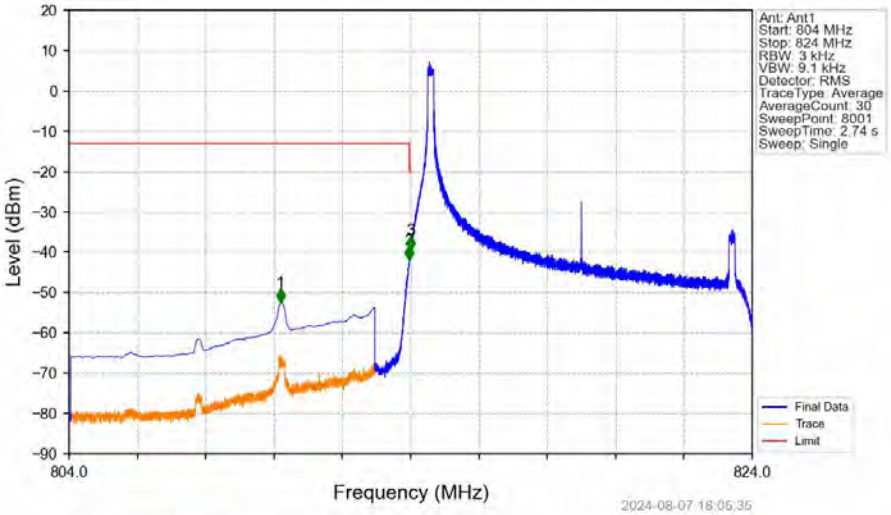
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV




| 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 | -33.23 | -20 | Pass |
| 824.038 | 825 | 0.051 | / | 2 | 824.050 | -33.54 | -13 | Pass |
| 825 | 829 | 0.1 | CHP | 3 | 825.130 | -36.97 | -13 | Pass |

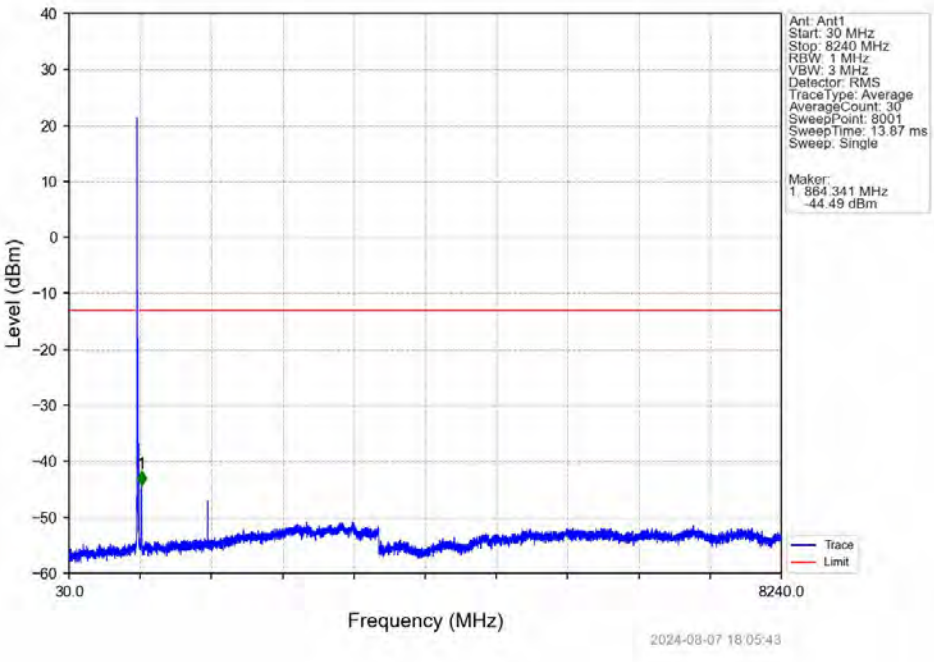
## 6.2.4 B26a_10MHz

Band26a_10MHz_QPSK_LCH_819MHz_RB_1_0_NTNV

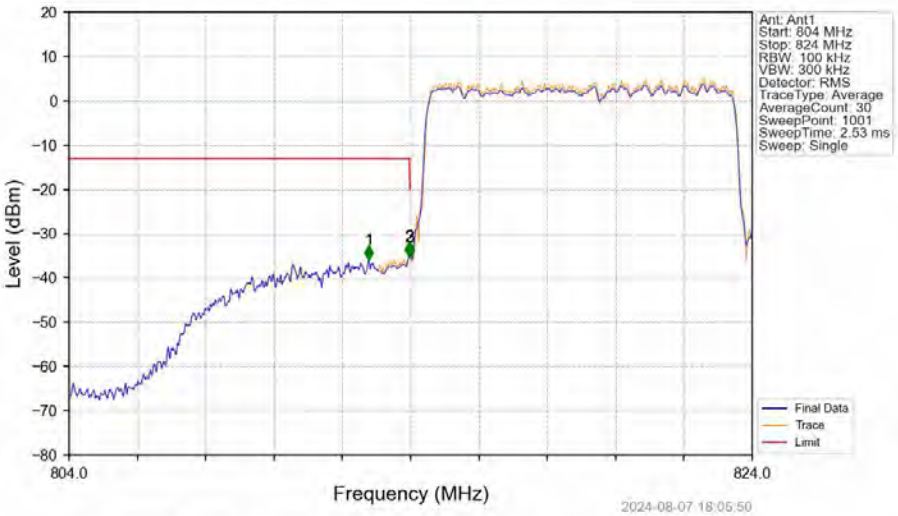



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 804 | 813 | 0.1 | CHP | 1 | 810.192 | -52.42 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.962 | -41.91 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.990 | -39.44 | -20 | Pass |
| 814 | 824 | 0.003 | / | / | / | / | / | / |

Band26a_10MHz_QPSK_LCH_819MHz_RB_1_0_NTNV

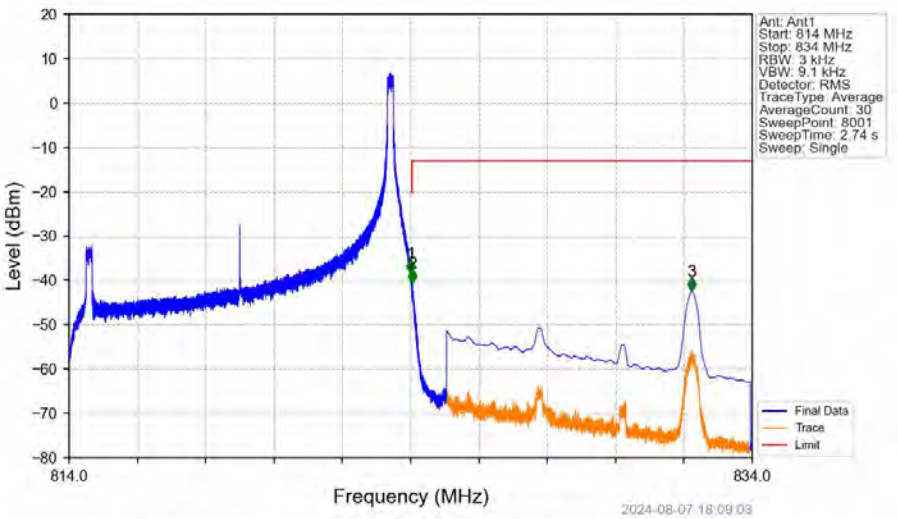


Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV



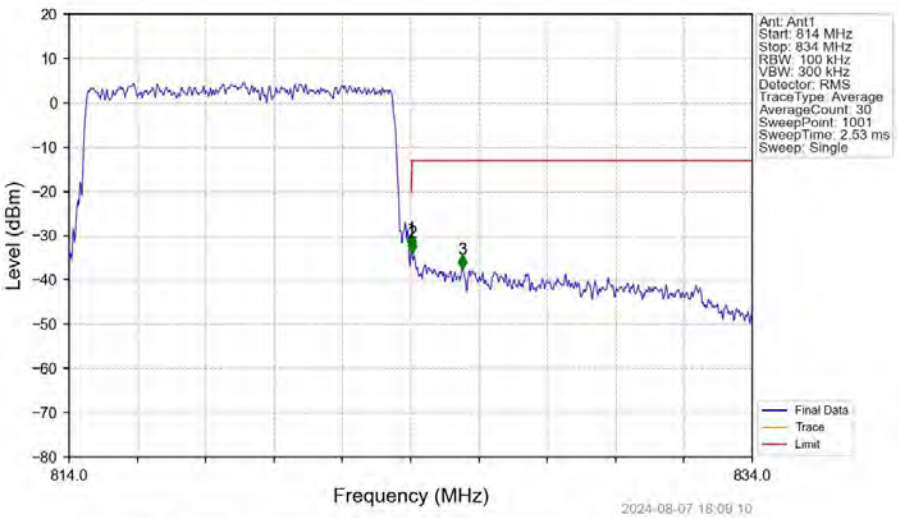

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 804 | 813 | 0.1 | / | 1 | 812.780 | -35.82 | -13 | Pass |
| 813 | 813.963 | 0.101 | CHP | 2 | 813.960 | -35.20 | -13 | Pass |
| 813.963 | 814 | 0.101 | CHP | 3 | 813.980 | -35.16 | -20 | Pass |
| 814 | 824 | 0.101 | CHP | / | / | / | / | / |

Band26a_10MHz_QPSK_HCH_819MHz_RB_1_49_NTNV



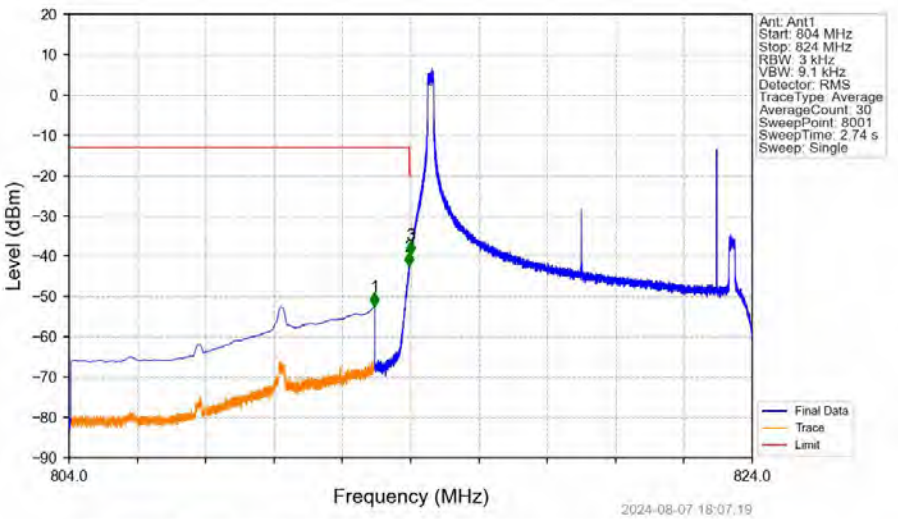

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 824 | 0.003 | / | / | / | / | / | / |
| 824 | 824.038 | 0.003 | / | 1 | 824.010 | -38.47 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.053 | -40.65 | -13 | Pass |
| 825 | 834 | 0.1 | CHP | 3 | 832.235 | -42.47 | -13 | Pass |

Band26a_10MHz_QPSK_HCH_819MHz_RB_50_0_NTNV



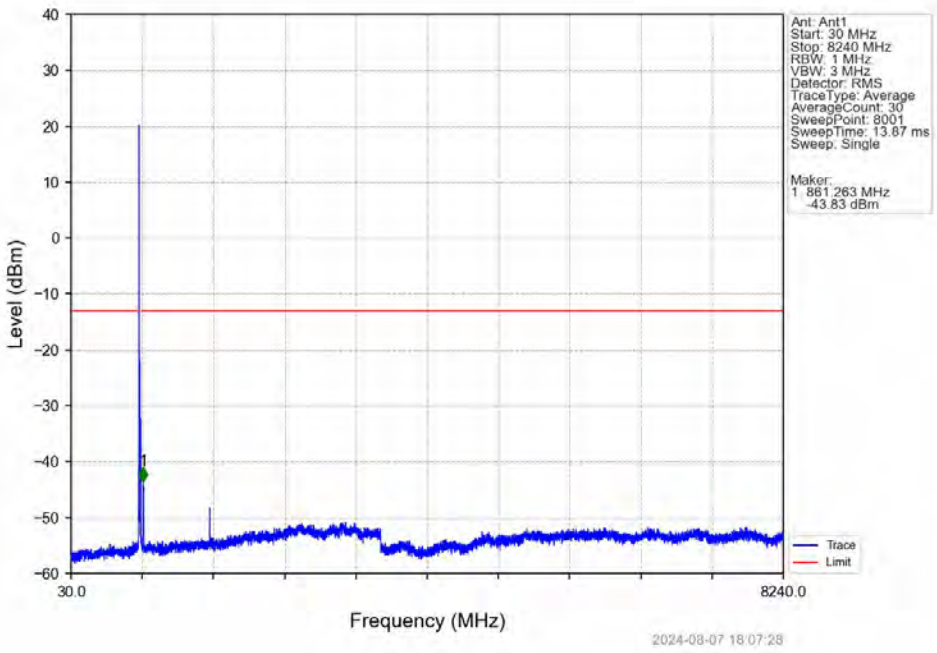

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 824 | 0.1 | / | / | / | / | / | / |
| 824 | 824.038 | 0.1 | / | 1 | 824.020 | -32.84 | -20 | Pass |
| 824.038 | 825 | 0.1 | / | 2 | 824.040 | -33.77 | -13 | Pass |
| 825 | 834 | 0.1 | / | 3 | 825.520 | -37.45 | -13 | Pass |

Band26a_10MHz_16QAM_LCH_819MHz_RB_1_0_NTNV

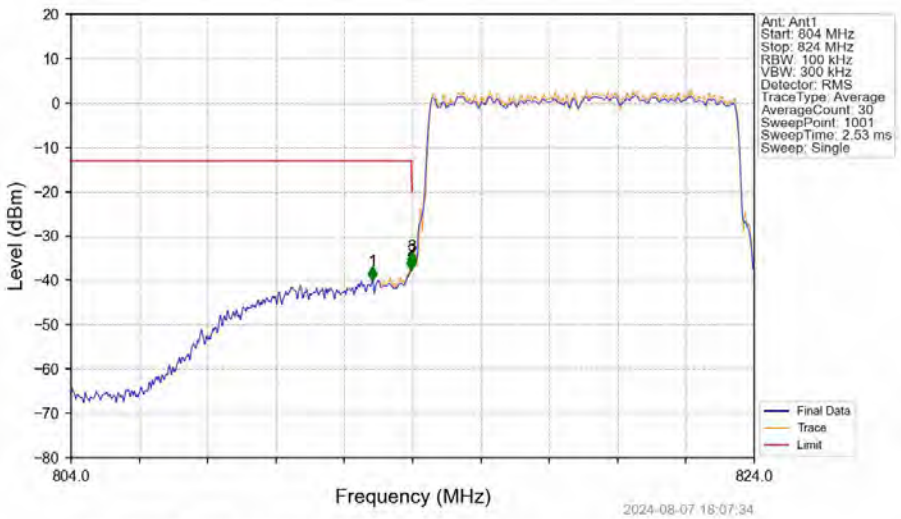



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 804 | 813 | 0.1 | CHP | 1 | 812.947 | -52.53 | -13 | Pass |
| 813 | 813.963 | 0.003 | / | 2 | 813.955 | -42.43 | -13 | Pass |
| 813.963 | 814 | 0.003 | / | 3 | 813.997 | -39.74 | -20 | Pass |
| 814 | 824 | 0.003 | / | / | / | / | / | / |

Band26a_10MHz_16QAM_LCH_819MHz_RB_1_0_NTNV

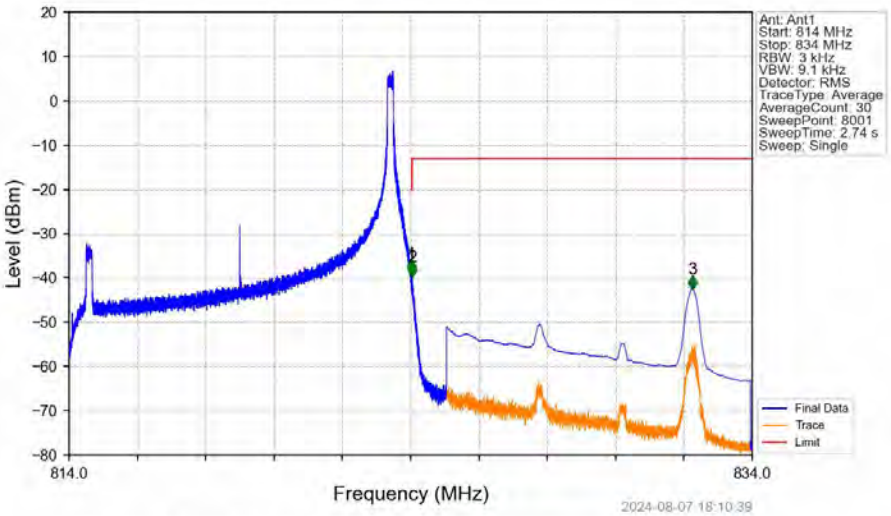



Band26a_10MHz_16QAM_LCH_819MHz_RB_50_0_NTNV



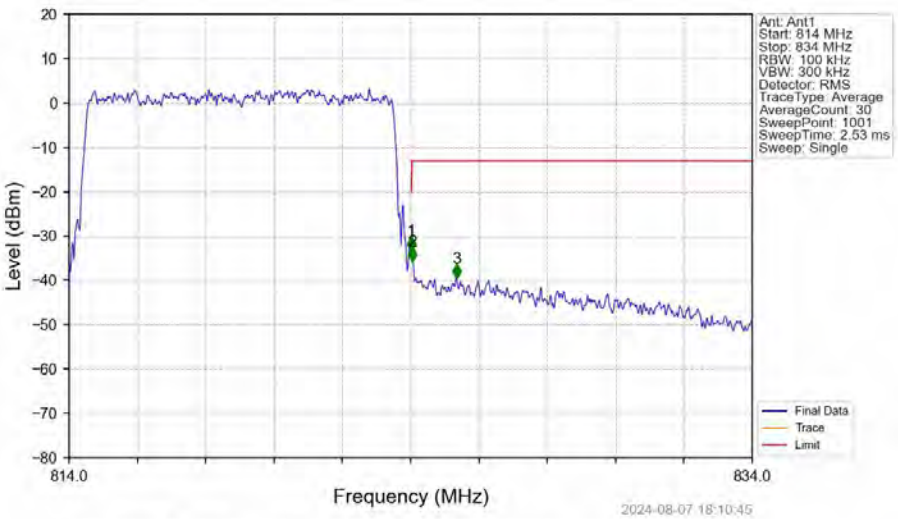

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 804 | 813 | 0.1 | / | 1 | 812.820 | -39.97 | -13 | Pass |
| 813 | 813.963 | 0.101 | CHP | 2 | 813.960 | -37.69 | -13 | Pass |
| 813.963 | 814 | 0.101 | CHP | 3 | 813.980 | -36.75 | -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 | 824.015 | -38.89 | -20 | Pass |
| 824.038 | 825 | 0.003 | / | 2 | 824.043 | -39.64 | -13 | Pass |
| 825 | 834 | 0.1 | CHP | 3 | 832.250 | -42.51 | -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 | 0.1 | / | / | / | / | / | / |
| 824 | 824.038 | 0.1 | / | 1 | 824.020 | -33.34 | -20 | Pass |
| 824.038 | 825 | 0.1 | / | 2 | 824.040 | -35.65 | -13 | Pass |
| 825 | 834 | 0.1 | / | 3 | 825.340 | -39.48 | -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 | 0.1563 | 0.0527 | ppm | 1M11G7D | / | 21.94 |
| 26a | 1.4 | 814.7 | 823.3 | 0.1542 | 0.0468 | ppm | 1M12W7D | / | 21.88 |
| 26a | 3 | 815.5 | 822.5 | 0.1596 | 0.0556 | ppm | 2M79G7D | / | 22.03 |
| 26a | 3 | 815.5 | 822.5 | 0.1663 | 0.0530 | ppm | 2M76W7D | / | 22.21 |
| 26a | 5 | 816.5 | 821.5 | 0.1535 | 0.0549 | ppm | 4M56G7D | / | 21.86 |
| 26a | 5 | 816.5 | 821.5 | 0.1419 | 0.0527 | ppm | 4M58W7D | / | 21.52 |
| 26a | 10 | 819 | 819 | 0.1459 | 0.0402 | ppm | 9M07G7D | / | 21.64 |
| 26a | 10 | 819 | 819 | 0.1472 | 0.0494 | ppm | 9M06W7D | / | 21.68 |

### 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 | 0.0506 | 0.0527 | ppm | 1M11G7D | / | 17.04 |
| 26a | 1.4 | 814.7 | 823.3 | 0.0499 | 0.0468 | ppm | 1M12W7D | / | 16.98 |
| 26a | 3 | 815.5 | 822.5 | 0.0516 | 0.0556 | ppm | 2M79G7D | / | 17.13 |
| 26a | 3 | 815.5 | 822.5 | 0.0538 | 0.0530 | ppm | 2M76W7D | / | 17.31 |
| 26a | 5 | 816.5 | 821.5 | 0.0497 | 0.0549 | ppm | 4M56G7D | / | 16.96 |
| 26a | 5 | 816.5 | 821.5 | 0.0459 | 0.0527 | ppm | 4M58W7D | / | 16.62 |
| 26a | 10 | 819 | 819 | 0.0472 | 0.0402 | ppm | 9M07G7D | / | 16.74 |
| 26a | 10 | 819 | 819 | 0.0476 | 0.0494 | ppm | 9M06W7D | / | 16.78 |