

1. Effective (Isotropic) Radiated Power Output Data

1.1 B26a_1.4MHz_ERP

1.1.1 Test Result

| Band: 26a / Bandwidth: 1.4MHz / NTN | | | | | | | | | | |
|-------------------------------------|-----------------|---------------|--------|-----------------------|------------|-----------|---------|---------|---------|------|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) | | Verdict | | |
| | | Size | Offset | | | Result | Limit | | | |
| QPSK | 814.7 | 1 | 0 | 23.33 | -0.71 | 20.47 | <=38.45 | Pass | | |
| | | | 2 | 23.30 | -0.71 | 20.44 | <=38.45 | Pass | | |
| | | | 5 | 23.28 | -0.71 | 20.42 | <=38.45 | Pass | | |
| | | 3 | 0 | 22.87 | -0.71 | 20.01 | <=38.45 | Pass | | |
| | | | 2 | 22.76 | -0.71 | 19.90 | <=38.45 | Pass | | |
| | | | 3 | 22.85 | -0.71 | 19.99 | <=38.45 | Pass | | |
| | | 6 | 0 | 20.65 | -0.71 | 17.79 | <=38.45 | Pass | | |
| | | 819 | 1 | 0 | 23.15 | -0.71 | 20.29 | <=38.45 | Pass | |
| | | | | 2 | 23.25 | -0.71 | 20.39 | <=38.45 | Pass | |
| | 5 | | | 23.15 | -0.71 | 20.29 | <=38.45 | Pass | | |
| | 3 | | 0 | 22.82 | -0.71 | 19.96 | <=38.45 | Pass | | |
| | | | 2 | 22.76 | -0.71 | 19.90 | <=38.45 | Pass | | |
| | | | 3 | 22.76 | -0.71 | 19.90 | <=38.45 | Pass | | |
| | 6 | | 0 | 20.62 | -0.71 | 17.76 | <=38.45 | Pass | | |
| | 823.3 | | 1 | 0 | 23.30 | -0.71 | 20.44 | <=38.45 | Pass | |
| | | | | 2 | 19.19 | -0.71 | 16.33 | <=38.45 | Pass | |
| | | 5 | | 19.09 | -0.71 | 16.23 | <=38.45 | Pass | | |
| | | 3 | 0 | 20.72 | -0.71 | 17.86 | <=38.45 | Pass | | |
| | | | 2 | 20.72 | -0.71 | 17.86 | <=38.45 | Pass | | |
| | | | 3 | 20.66 | -0.71 | 17.80 | <=38.45 | Pass | | |
| | | 6 | 0 | 19.09 | -0.71 | 16.23 | <=38.45 | Pass | | |
| | | 16QAM | 814.7 | 1 | 0 | 21.07 | -0.71 | 18.21 | <=38.45 | Pass |
| | | | | | 2 | 21.09 | -0.71 | 18.23 | <=38.45 | Pass |
| | 5 | | | | 22.37 | -0.71 | 19.51 | <=38.45 | Pass | |
| 3 | 0 | | | 21.77 | -0.71 | 18.91 | <=38.45 | Pass | | |
| | 2 | | | 21.81 | -0.71 | 18.95 | <=38.45 | Pass | | |
| | 3 | | | 20.65 | -0.71 | 17.79 | <=38.45 | Pass | | |
| 6 | 0 | | | 20.66 | -0.71 | 17.80 | <=38.45 | Pass | | |
| 819 | 1 | | | 0 | 23.19 | -0.71 | 20.33 | <=38.45 | Pass | |
| | | | | 2 | 23.18 | -0.71 | 20.32 | <=38.45 | Pass | |
| | | | 5 | 22.35 | -0.71 | 19.49 | <=38.45 | Pass | | |
| | 3 | | 0 | 21.76 | -0.71 | 18.90 | <=38.45 | Pass | | |
| | | | 2 | 21.79 | -0.71 | 18.93 | <=38.45 | Pass | | |
| | | | 3 | 21.44 | -0.71 | 18.58 | <=38.45 | Pass | | |
| | 6 | | 0 | 20.91 | -0.71 | 18.05 | <=38.45 | Pass | | |
| | 823.3 | | 1 | 0 | 19.11 | -0.71 | 16.25 | <=38.45 | Pass | |
| | | | | 2 | 19.21 | -0.71 | 16.35 | <=38.45 | Pass | |
| 5 | | | | 19.17 | -0.71 | 16.31 | <=38.45 | Pass | | |
| 3 | | | 0 | 19.98 | -0.71 | 17.12 | <=38.45 | Pass | | |
| | | | 2 | 20.23 | -0.71 | 17.37 | <=38.45 | Pass | | |
| | | | 3 | 20.04 | -0.71 | 17.18 | <=38.45 | Pass | | |
| 6 | | | 0 | 19.38 | -0.71 | 16.52 | <=38.45 | Pass | | |

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B26a_3MHz_ERP

1.2.1 Test Result

| 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 | 21.28 | -0.71 | 18.42 | <=38.45 | Pass | | |
| | | | 7 | 21.19 | -0.71 | 18.33 | <=38.45 | Pass | | |
| | | | 14 | 21.27 | -0.71 | 18.41 | <=38.45 | Pass | | |
| | | 8 | 0 | 18.73 | -0.71 | 15.87 | <=38.45 | Pass | | |
| | | | 4 | 18.75 | -0.71 | 15.89 | <=38.45 | Pass | | |
| | | | 7 | 18.64 | -0.71 | 15.78 | <=38.45 | Pass | | |
| | | 15 | 0 | 18.69 | -0.71 | 15.83 | <=38.45 | Pass | | |
| | | 819 | 1 | 0 | 21.31 | -0.71 | 18.45 | <=38.45 | Pass | |
| | | | | 7 | 21.23 | -0.71 | 18.37 | <=38.45 | Pass | |
| | 14 | | | 21.27 | -0.71 | 18.41 | <=38.45 | Pass | | |
| | 8 | | 0 | 18.60 | -0.71 | 15.74 | <=38.45 | Pass | | |
| | | | 4 | 18.69 | -0.71 | 15.83 | <=38.45 | Pass | | |
| | | | 7 | 18.69 | -0.71 | 15.83 | <=38.45 | Pass | | |
| | 15 | | 0 | 18.70 | -0.71 | 15.84 | <=38.45 | Pass | | |
| | 822.5 | | 1 | 0 | 21.20 | -0.71 | 18.34 | <=38.45 | Pass | |
| | | | | 7 | 21.32 | -0.71 | 18.46 | <=38.45 | Pass | |
| | | 14 | | 21.23 | -0.71 | 18.37 | <=38.45 | Pass | | |
| | | 8 | 0 | 18.83 | -0.71 | 15.97 | <=38.45 | Pass | | |
| | | | 4 | 19.19 | -0.71 | 16.33 | <=38.45 | Pass | | |
| | | | 7 | 19.18 | -0.71 | 16.32 | <=38.45 | Pass | | |
| | | 15 | 0 | 19.14 | -0.71 | 16.28 | <=38.45 | Pass | | |
| | | 16QAM | 815.5 | 1 | 0 | 21.08 | -0.71 | 18.22 | <=38.45 | Pass |
| | | | | | 7 | 21.56 | -0.71 | 18.70 | <=38.45 | Pass |
| | 14 | | | | 20.60 | -0.71 | 17.74 | <=38.45 | Pass | |
| 8 | 0 | | | 18.97 | -0.71 | 16.11 | <=38.45 | Pass | | |
| | 4 | | | 18.80 | -0.71 | 15.94 | <=38.45 | Pass | | |
| | 7 | | | 19.01 | -0.71 | 16.15 | <=38.45 | Pass | | |
| 15 | 0 | | | 18.76 | -0.71 | 15.90 | <=38.45 | Pass | | |
| 819 | 1 | | | 0 | 20.58 | -0.71 | 17.72 | <=38.45 | Pass | |
| | | | | 7 | 21.01 | -0.71 | 18.15 | <=38.45 | Pass | |
| | | | 14 | 21.15 | -0.71 | 18.29 | <=38.45 | Pass | | |
| | 8 | | 0 | 18.84 | -0.71 | 15.98 | <=38.45 | Pass | | |
| | | | 4 | 18.90 | -0.71 | 16.04 | <=38.45 | Pass | | |
| | | | 7 | 18.78 | -0.71 | 15.92 | <=38.45 | Pass | | |
| | 15 | | 0 | 18.68 | -0.71 | 15.82 | <=38.45 | Pass | | |
| | 822.5 | | 1 | 0 | 20.88 | -0.71 | 18.02 | <=38.45 | Pass | |
| | | | | 7 | 20.56 | -0.71 | 17.70 | <=38.45 | Pass | |
| 14 | | | | 21.14 | -0.71 | 18.28 | <=38.45 | Pass | | |
| 8 | | | 0 | 18.85 | -0.71 | 15.99 | <=38.45 | Pass | | |
| | | | 4 | 19.40 | -0.71 | 16.54 | <=38.45 | Pass | | |
| | | | 7 | 19.48 | -0.71 | 16.62 | <=38.45 | Pass | | |
| 15 | | | 0 | 19.30 | -0.71 | 16.44 | <=38.45 | Pass | | |

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.3 B26a_5MHz_ERP

1.3.1 Test Result

| 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 | 21.19 | -0.71 | 18.33 | <=38.45 | Pass |
| | | | 13 | 21.14 | -0.71 | 18.28 | <=38.45 | Pass |
| | | | 24 | 21.23 | -0.71 | 18.37 | <=38.45 | Pass |

| | | | | | | | | | |
|----|-------|-------|-------|-------|---------|---------|---------|---------|------|
| | 819 | 12 | 0 | 18.71 | -0.71 | 15.85 | <=38.45 | Pass | |
| | | | 6 | 18.63 | -0.71 | 15.77 | <=38.45 | Pass | |
| | | | 13 | 18.87 | -0.71 | 16.01 | <=38.45 | Pass | |
| | | 25 | 0 | 18.81 | -0.71 | 15.95 | <=38.45 | Pass | |
| | | | 1 | 0 | 21.23 | -0.71 | 18.37 | <=38.45 | Pass |
| | | | | 13 | 21.25 | -0.71 | 18.39 | <=38.45 | Pass |
| | | 24 | | 21.27 | -0.71 | 18.41 | <=38.45 | Pass | |
| | | 12 | 0 | 18.85 | -0.71 | 15.99 | <=38.45 | Pass | |
| | | | 6 | 18.71 | -0.71 | 15.85 | <=38.45 | Pass | |
| | 13 | | 18.86 | -0.71 | 16.00 | <=38.45 | Pass | | |
| | 25 | 0 | 18.71 | -0.71 | 15.85 | <=38.45 | Pass | | |
| | | 821.5 | 1 | 0 | 21.09 | -0.71 | 18.23 | <=38.45 | Pass |
| | | | | 13 | 21.34 | -0.71 | 18.48 | <=38.45 | Pass |
| | 24 | | | 21.28 | -0.71 | 18.42 | <=38.45 | Pass | |
| | 12 | 0 | 18.85 | -0.71 | 15.99 | <=38.45 | Pass | | |
| | | 6 | 18.80 | -0.71 | 15.94 | <=38.45 | Pass | | |
| | | 13 | 19.17 | -0.71 | 16.31 | <=38.45 | Pass | | |
| | 25 | 0 | 18.76 | -0.71 | 15.90 | <=38.45 | Pass | | |
| | | 816.5 | 1 | 0 | 19.89 | -0.71 | 17.03 | <=38.45 | Pass |
| | | | | 13 | 20.66 | -0.71 | 17.80 | <=38.45 | Pass |
| | 24 | | | 20.37 | -0.71 | 17.51 | <=38.45 | Pass | |
| | 12 | | 0 | 18.67 | -0.71 | 15.81 | <=38.45 | Pass | |
| | | | 6 | 18.71 | -0.71 | 15.85 | <=38.45 | Pass | |
| | | | 13 | 18.66 | -0.71 | 15.80 | <=38.45 | Pass | |
| 25 | 0 | | 18.81 | -0.71 | 15.95 | <=38.45 | Pass | | |
| | 819 | | 1 | 0 | 20.46 | -0.71 | 17.60 | <=38.45 | Pass |
| | | | | 13 | 19.90 | -0.71 | 17.04 | <=38.45 | Pass |
| 24 | | 20.90 | | -0.71 | 18.04 | <=38.45 | Pass | | |
| 12 | 0 | 18.63 | -0.71 | 15.77 | <=38.45 | Pass | | | |
| | 6 | 18.66 | -0.71 | 15.80 | <=38.45 | Pass | | | |
| | 13 | 18.69 | -0.71 | 15.83 | <=38.45 | Pass | | | |
| 25 | 0 | 18.57 | -0.71 | 15.71 | <=38.45 | Pass | | | |
| | 821.5 | 1 | 0 | 20.78 | -0.71 | 17.92 | <=38.45 | Pass | |
| | | | 13 | 20.61 | -0.71 | 17.75 | <=38.45 | Pass | |
| 24 | | | 20.23 | -0.71 | 17.37 | <=38.45 | Pass | | |
| 12 | 0 | 18.90 | -0.71 | 16.04 | <=38.45 | Pass | | | |
| | 6 | 18.75 | -0.71 | 15.89 | <=38.45 | Pass | | | |
| | 13 | 19.19 | -0.71 | 16.33 | <=38.45 | Pass | | | |
| 25 | 0 | 18.78 | -0.71 | 15.92 | <=38.45 | Pass | | | |

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.4 B26a_10MHz_ERP

1.4.1 Test Result

| 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 | 23.26 | -0.71 | 20.40 | <=38.45 | Pass |
| | | | 25 | 23.20 | -0.71 | 20.34 | <=38.45 | Pass |
| | | | 49 | 23.25 | -0.71 | 20.39 | <=38.45 | Pass |
| | | 25 | 0 | 21.35 | -0.71 | 18.49 | <=38.45 | Pass |
| | | | 13 | 21.31 | -0.71 | 18.45 | <=38.45 | Pass |
| | | | 25 | 21.28 | -0.71 | 18.42 | <=38.45 | Pass |
| | | 50 | 0 | 21.32 | -0.71 | 18.46 | <=38.45 | Pass |
| 16QAM | 819 | 1 | 0 | 23.25 | -0.71 | 20.39 | <=38.45 | Pass |
| | | | 25 | 23.49 | -0.71 | 20.63 | <=38.45 | Pass |

| | | | | | | | |
|----------------------------------------------|----|----|-------|-------|-------|---------|------|
| | | 49 | 22.68 | -0.71 | 19.82 | <=38.45 | Pass |
| | | 0 | 21.34 | -0.71 | 18.48 | <=38.45 | Pass |
| | 25 | 13 | 21.38 | -0.71 | 18.52 | <=38.45 | Pass |
| | | 25 | 21.56 | -0.71 | 18.70 | <=38.45 | Pass |
| | 50 | 0 | 21.33 | -0.71 | 18.47 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | |

2. Frequency Stability

2.1 B26a_1.4MHz

2.1.1 Test Result

| 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 | -22.860 | -0.0281 | -2.5 to 2.5 | Pass | |
| | | | | | 3.85 | -9.813 | -0.0120 | -2.5 to 2.5 | Pass | |
| | | | | | 4.43 | -34.618 | -0.0425 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 3.85 | -14.277 | -0.0175 | -2.5 to 2.5 | Pass | |
| | | | | | -20 | 3.85 | -38.967 | -0.0478 | -2.5 to 2.5 | Pass |
| | | | | | -10 | 3.85 | -17.381 | -0.0213 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -2.275 | -0.0028 | -2.5 to 2.5 | Pass | |
| | | | | | 10 | 3.85 | -39.411 | -0.0484 | -2.5 to 2.5 | Pass |
| | | | | | 30 | 3.85 | -31.557 | -0.0387 | -2.5 to 2.5 | Pass |
| | 40 | 3.85 | -18.225 | -0.0224 | -2.5 to 2.5 | Pass | | | | |
| | | 50 | 3.85 | -5.193 | -0.0064 | -2.5 to 2.5 | Pass | | | |
| | | 20 | 3.27 | -5.579 | -0.0068 | -2.5 to 2.5 | Pass | | | |
| | 3.85 | | -8.454 | -0.0103 | -2.5 to 2.5 | Pass | | | | |
| | 4.43 | | -11.630 | -0.0142 | -2.5 to 2.5 | Pass | | | | |
| | -30 | 3.85 | -14.291 | -0.0174 | -2.5 to 2.5 | Pass | | | | |
| | | -20 | 3.85 | -18.339 | -0.0224 | -2.5 to 2.5 | Pass | | | |
| | | -10 | 3.85 | -20.986 | -0.0256 | -2.5 to 2.5 | Pass | | | |
| | 0 | 3.85 | -24.605 | -0.0300 | -2.5 to 2.5 | Pass | | | | |
| | | 10 | 3.85 | -28.238 | -0.0345 | -2.5 to 2.5 | Pass | | | |
| | | 30 | 3.85 | -32.358 | -0.0395 | -2.5 to 2.5 | Pass | | | |
| | 40 | 3.85 | -35.334 | -0.0431 | -2.5 to 2.5 | Pass | | | | |
| | | 50 | 3.85 | -39.167 | -0.0478 | -2.5 to 2.5 | Pass | | | |
| | | 20 | 3.27 | -2.360 | -0.0029 | -2.5 to 2.5 | Pass | | | |
| | 3.85 | | -6.523 | -0.0079 | -2.5 to 2.5 | Pass | | | | |
| | 4.43 | | -7.081 | -0.0086 | -2.5 to 2.5 | Pass | | | | |
| | -30 | 3.85 | -5.679 | -0.0069 | -2.5 to 2.5 | Pass | | | | |
| | | -20 | 3.85 | -3.505 | -0.0043 | -2.5 to 2.5 | Pass | | | |
| -10 | | 3.85 | 9.770 | 0.0119 | -2.5 to 2.5 | Pass | | | | |
| 0 | 3.85 | 17.638 | 0.0214 | -2.5 to 2.5 | Pass | | | | | |
| | 10 | 3.85 | 22.259 | 0.0270 | -2.5 to 2.5 | Pass | | | | |
| | 30 | 3.85 | 26.722 | 0.0325 | -2.5 to 2.5 | Pass | | | | |
| 40 | 3.85 | 29.583 | 0.0359 | -2.5 to 2.5 | Pass | | | | | |
| | 50 | 3.85 | 31.857 | 0.0387 | -2.5 to 2.5 | Pass | | | | |
| | 20 | 3.27 | -18.568 | -0.0228 | -2.5 to 2.5 | Pass | | | | |
| 3.85 | | -43.302 | -0.0532 | -2.5 to 2.5 | Pass | | | | | |
| 4.43 | | -4.292 | -0.0053 | -2.5 to 2.5 | Pass | | | | | |
| -30 | 3.85 | -15.965 | -0.0196 | -2.5 to 2.5 | Pass | | | | | |
| | -20 | 3.85 | -28.682 | -0.0352 | -2.5 to 2.5 | Pass | | | | |
| | -10 | 3.85 | -43.645 | -0.0536 | -2.5 to 2.5 | Pass | | | | |
| 0 | 3.85 | -9.069 | -0.0111 | -2.5 to 2.5 | Pass | | | | | |

| | | | | | | | | | |
|----|-------|------|--------|--------|-------------|---------|-------------|-------------|------|
| | 819 | 6 | 0 | 10 | 3.85 | -24.862 | -0.0305 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -40.898 | -0.0502 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -10.614 | -0.0130 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -25.821 | -0.0317 | -2.5 to 2.5 | Pass |
| | | | | 20 | 3.27 | -0.744 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -1.445 | -0.0018 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 0.086 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.402 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 2.761 | 0.0034 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 3.018 | 0.0037 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.905 | 0.0048 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 9.871 | 0.0121 | -2.5 to 2.5 | Pass |
| | 30 | 3.85 | 22.058 | 0.0269 | -2.5 to 2.5 | Pass | | | |
| | 40 | 3.85 | 42.186 | 0.0515 | -2.5 to 2.5 | Pass | | | |
| | 50 | 3.85 | 8.140 | 0.0099 | -2.5 to 2.5 | Pass | | | |
| | 823.3 | 6 | 0 | 20 | 3.27 | -3.662 | -0.0044 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -4.005 | -0.0049 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -1.888 | -0.0023 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -0.529 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.974 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 4.234 | 0.0051 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 6.638 | 0.0081 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 9.098 | 0.0111 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 10.629 | 0.0129 | -2.5 to 2.5 | Pass |
| 40 | | | | 3.85 | 12.474 | 0.0152 | -2.5 to 2.5 | Pass | |
| 50 | | | | 3.85 | 14.205 | 0.0173 | -2.5 to 2.5 | Pass | |

2.2 B26a_3MHz

2.2.1 Test Result

| 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 | 1.416 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 12.832 | 0.0157 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 24.362 | 0.0299 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 31.972 | 0.0392 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 35.477 | 0.0435 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 35.462 | 0.0435 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 42.644 | 0.0523 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 46.821 | 0.0574 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 46.434 | 0.0569 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 44.117 | 0.0541 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 40.255 | 0.0494 | -2.5 to 2.5 | Pass |
| | | | | 819 | 15 | 0 | 20 | 3.27 | -3.877 |
| | 3.85 | -4.878 | -0.0060 | | | | | -2.5 to 2.5 | Pass |
| | 4.43 | -2.575 | -0.0031 | | | | | -2.5 to 2.5 | Pass |
| | -30 | 3.85 | -0.372 | | | | -0.0005 | -2.5 to 2.5 | Pass |
| | -20 | 3.85 | 2.160 | | | | 0.0026 | -2.5 to 2.5 | Pass |
| | -10 | 3.85 | 4.334 | | | | 0.0053 | -2.5 to 2.5 | Pass |
| | 0 | 3.85 | 6.580 | | | | 0.0080 | -2.5 to 2.5 | Pass |
| | 10 | 3.85 | 9.527 | | | | 0.0116 | -2.5 to 2.5 | Pass |
| | 30 | 3.85 | 11.244 | | | | 0.0137 | -2.5 to 2.5 | Pass |
| | 40 | 3.85 | 12.531 | | | | 0.0153 | -2.5 to 2.5 | Pass |
| | 50 | 3.85 | 14.377 | | | | 0.0176 | -2.5 to 2.5 | Pass |
| | 822.5 | 15 | 0 | | | | 20 | 3.27 | -3.262 |

| | | | | | | | | | | |
|-------|-------|--------|---------|-------------|-------------|-------------|-------------|-------------|-------------|------|
| | | | | | 3.85 | -4.206 | -0.0051 | -2.5 to 2.5 | Pass | |
| | | | | | 4.43 | -3.619 | -0.0044 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 3.85 | -1.545 | -0.0019 | -2.5 to 2.5 | Pass | |
| | | | | -20 | 3.85 | 0.944 | 0.0011 | -2.5 to 2.5 | Pass | |
| | | | | -10 | 3.85 | 3.090 | 0.0038 | -2.5 to 2.5 | Pass | |
| | | | | 0 | 3.85 | 5.264 | 0.0064 | -2.5 to 2.5 | Pass | |
| | | | | 10 | 3.85 | 8.011 | 0.0097 | -2.5 to 2.5 | Pass | |
| | | | | 30 | 3.85 | 10.171 | 0.0124 | -2.5 to 2.5 | Pass | |
| | | | | 40 | 3.85 | 12.374 | 0.0150 | -2.5 to 2.5 | Pass | |
| | | | | 50 | 3.85 | 13.146 | 0.0160 | -2.5 to 2.5 | Pass | |
| 16QAM | 815.5 | 15 | 0 | 20 | 3.27 | -9.441 | -0.0116 | -2.5 to 2.5 | Pass | |
| | | | | | 3.85 | -17.467 | -0.0214 | -2.5 to 2.5 | Pass | |
| | | | | | 4.43 | -21.243 | -0.0260 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 3.85 | -22.860 | -0.0280 | -2.5 to 2.5 | Pass | |
| | | | | | -20 | 3.85 | -24.576 | -0.0301 | -2.5 to 2.5 | Pass |
| | | | | | | 3.85 | -25.220 | -0.0309 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -26.708 | -0.0328 | -2.5 to 2.5 | Pass | |
| | | | | | 10 | 3.85 | -27.123 | -0.0333 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -28.381 | -0.0348 | -2.5 to 2.5 | Pass | |
| | 40 | 3.85 | -28.567 | | -0.0350 | -2.5 to 2.5 | Pass | | | |
| | 50 | 3.85 | -30.284 | -0.0371 | -2.5 to 2.5 | Pass | | | | |
| | 819 | 15 | 0 | 20 | 3.27 | -4.377 | -0.0053 | -2.5 to 2.5 | Pass | |
| | | | | | 3.85 | -11.516 | -0.0141 | -2.5 to 2.5 | Pass | |
| | | | | | 4.43 | -14.391 | -0.0176 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 3.85 | -15.206 | -0.0186 | -2.5 to 2.5 | Pass | |
| | | | | | -20 | 3.85 | -14.706 | -0.0180 | -2.5 to 2.5 | Pass |
| | | | | | | 3.85 | -14.749 | -0.0180 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -13.733 | -0.0168 | -2.5 to 2.5 | Pass | |
| | | | | | 10 | 3.85 | -13.447 | -0.0164 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -10.586 | -0.0129 | -2.5 to 2.5 | Pass | |
| | 40 | 3.85 | -8.826 | | -0.0108 | -2.5 to 2.5 | Pass | | | |
| | 50 | 3.85 | -6.623 | -0.0081 | -2.5 to 2.5 | Pass | | | | |
| | 822.5 | 15 | 0 | 20 | 3.27 | 3.676 | 0.0045 | -2.5 to 2.5 | Pass | |
| | | | | | 3.85 | 3.490 | 0.0042 | -2.5 to 2.5 | Pass | |
| | | | | | 4.43 | 5.565 | 0.0068 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 3.85 | 8.097 | 0.0098 | -2.5 to 2.5 | Pass | |
| | | | | | -20 | 3.85 | 9.956 | 0.0121 | -2.5 to 2.5 | Pass |
| 3.85 | | | | | | 10.915 | 0.0133 | -2.5 to 2.5 | Pass | |
| -10 | | | | 3.85 | 13.218 | 0.0161 | -2.5 to 2.5 | Pass | | |
| | | | | 10 | 3.85 | 14.620 | 0.0178 | -2.5 to 2.5 | Pass | |
| 30 | | | | 3.85 | 16.394 | 0.0199 | -2.5 to 2.5 | Pass | | |
| | 40 | 3.85 | 17.681 | 0.0215 | -2.5 to 2.5 | Pass | | | | |
| 50 | 3.85 | 18.840 | 0.0229 | -2.5 to 2.5 | Pass | | | | | |

2.3 B26a_5MHz

2.3.1 Test Result

| 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 | -0.973 | -0.0012 | -2.5 to 2.5 | Pass | |
| | | | | | 3.85 | 11.730 | 0.0144 | -2.5 to 2.5 | Pass | |
| | | | | | 4.43 | 23.160 | 0.0284 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 3.85 | 31.686 | 0.0388 | -2.5 to 2.5 | Pass | |
| | | | | | -20 | 3.85 | 34.347 | 0.0421 | -2.5 to 2.5 | Pass |
| | | | | | | -10 | 3.85 | 33.259 | 0.0407 | -2.5 to 2.5 |

| | | | | | | | | | | | | | |
|-----|-------|---------|---------|--------|-------------|---------|-------------|-------------|---------|---------|-------------|-------------|------|
| | 819 | 25 | 0 | 0 | 3.85 | 30.398 | 0.0372 | -2.5 to 2.5 | Pass | | | | |
| | | | | 10 | 3.85 | 26.221 | 0.0321 | -2.5 to 2.5 | Pass | | | | |
| | | | | 30 | 3.85 | 20.957 | 0.0257 | -2.5 to 2.5 | Pass | | | | |
| | | | | 40 | 3.85 | 14.949 | 0.0183 | -2.5 to 2.5 | Pass | | | | |
| | | | | 50 | 3.85 | 9.499 | 0.0116 | -2.5 to 2.5 | Pass | | | | |
| | | | | 20 | 3.27 | 0.715 | 0.0009 | -2.5 to 2.5 | Pass | | | | |
| | | | | | 3.85 | -0.801 | -0.0010 | -2.5 to 2.5 | Pass | | | | |
| | | | | | 4.43 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass | | | | |
| | | | | -30 | 3.85 | 1.602 | 0.0020 | -2.5 to 2.5 | Pass | | | | |
| | | | | -20 | 3.85 | 3.490 | 0.0043 | -2.5 to 2.5 | Pass | | | | |
| | | | | -10 | 3.85 | 6.251 | 0.0076 | -2.5 to 2.5 | Pass | | | | |
| | | | | 0 | 3.85 | 7.210 | 0.0088 | -2.5 to 2.5 | Pass | | | | |
| | | | | 10 | 3.85 | 9.155 | 0.0112 | -2.5 to 2.5 | Pass | | | | |
| | | | | 30 | 3.85 | 10.214 | 0.0125 | -2.5 to 2.5 | Pass | | | | |
| | | | | 40 | 3.85 | 11.201 | 0.0137 | -2.5 to 2.5 | Pass | | | | |
| | 50 | 3.85 | 12.159 | 0.0148 | -2.5 to 2.5 | Pass | | | | | | | |
| | 821.5 | 25 | 0 | 20 | 3.27 | -13.404 | -0.0163 | -2.5 to 2.5 | Pass | | | | |
| | | | | | 3.85 | -20.971 | -0.0255 | -2.5 to 2.5 | Pass | | | | |
| | | | | | 4.43 | -24.133 | -0.0294 | -2.5 to 2.5 | Pass | | | | |
| | | | | -30 | 3.85 | -24.776 | -0.0302 | -2.5 to 2.5 | Pass | | | | |
| | | | | -20 | 3.85 | -24.605 | -0.0300 | -2.5 to 2.5 | Pass | | | | |
| | | | | -10 | 3.85 | -23.117 | -0.0281 | -2.5 to 2.5 | Pass | | | | |
| | | | | 0 | 3.85 | -21.558 | -0.0262 | -2.5 to 2.5 | Pass | | | | |
| | | | | 10 | 3.85 | -19.927 | -0.0243 | -2.5 to 2.5 | Pass | | | | |
| | | | | 30 | 3.85 | -18.668 | -0.0227 | -2.5 to 2.5 | Pass | | | | |
| | | | | 40 | 3.85 | -18.010 | -0.0219 | -2.5 to 2.5 | Pass | | | | |
| | | | | 50 | 3.85 | -16.508 | -0.0201 | -2.5 to 2.5 | Pass | | | | |
| | | | | 16QAM | 816.5 | 25 | 0 | 20 | 3.27 | -8.340 | -0.0102 | -2.5 to 2.5 | Pass |
| | | | | | | | | | 3.85 | -17.824 | -0.0218 | -2.5 to 2.5 | Pass |
| | | | | | | | | | 4.43 | -23.346 | -0.0286 | -2.5 to 2.5 | Pass |
| -30 | | | | | | | | 3.85 | -26.579 | -0.0326 | -2.5 to 2.5 | Pass | |
| -20 | 3.85 | -27.881 | -0.0341 | | | | | -2.5 to 2.5 | Pass | | | | |
| -10 | 3.85 | -30.084 | -0.0368 | | | | | -2.5 to 2.5 | Pass | | | | |
| 0 | 3.85 | -32.587 | -0.0399 | | | | | -2.5 to 2.5 | Pass | | | | |
| 10 | 3.85 | -33.975 | -0.0416 | | | | | -2.5 to 2.5 | Pass | | | | |
| 30 | 3.85 | -35.362 | -0.0433 | | | | | -2.5 to 2.5 | Pass | | | | |
| 40 | 3.85 | -36.564 | -0.0448 | | | | | -2.5 to 2.5 | Pass | | | | |
| 50 | 3.85 | -38.781 | -0.0475 | | | | | -2.5 to 2.5 | Pass | | | | |
| 819 | 25 | 0 | 20 | | | | | 3.27 | -0.615 | -0.0008 | -2.5 to 2.5 | Pass | |
| | | | | | | | | 3.85 | -1.216 | -0.0015 | -2.5 to 2.5 | Pass | |
| | | | | | | | | 4.43 | 0.629 | 0.0008 | -2.5 to 2.5 | Pass | |
| | | | -30 | | | | | 3.85 | 2.761 | 0.0034 | -2.5 to 2.5 | Pass | |
| | | | -20 | | 3.85 | 4.292 | 0.0052 | -2.5 to 2.5 | Pass | | | | |
| | | | -10 | | 3.85 | 6.137 | 0.0075 | -2.5 to 2.5 | Pass | | | | |
| | | | 0 | | 3.85 | 7.210 | 0.0088 | -2.5 to 2.5 | Pass | | | | |
| | | | 10 | | 3.85 | 8.712 | 0.0106 | -2.5 to 2.5 | Pass | | | | |
| | | | 30 | | 3.85 | 9.799 | 0.0120 | -2.5 to 2.5 | Pass | | | | |
| | | | 40 | | 3.85 | 10.343 | 0.0126 | -2.5 to 2.5 | Pass | | | | |
| | | | 50 | | 3.85 | 11.301 | 0.0138 | -2.5 to 2.5 | Pass | | | | |
| | | | 821.5 | | 25 | 0 | 20 | 3.27 | -4.907 | -0.0060 | -2.5 to 2.5 | Pass | |
| | | | | | | | | 3.85 | -6.366 | -0.0077 | -2.5 to 2.5 | Pass | |
| | | | | | | | | 4.43 | -5.050 | -0.0061 | -2.5 to 2.5 | Pass | |
| | | | | | | | -30 | 3.85 | -3.591 | -0.0044 | -2.5 to 2.5 | Pass | |
| -20 | 3.85 | -2.160 | | | | | -0.0026 | -2.5 to 2.5 | Pass | | | | |
| -10 | 3.85 | 0.486 | | | | | 0.0006 | -2.5 to 2.5 | Pass | | | | |
| 0 | 3.85 | 1.888 | | | | | 0.0023 | -2.5 to 2.5 | Pass | | | | |
| 10 | 3.85 | 2.904 | | | | | 0.0035 | -2.5 to 2.5 | Pass | | | | |
| 30 | 3.85 | 4.578 | | 0.0056 | | | -2.5 to 2.5 | Pass | | | | | |
| 40 | 3.85 | 6.623 | | 0.0081 | | | -2.5 to 2.5 | Pass | | | | | |

| | | | | | | | | | |
|--|--|--|--|----|------|-------|--------|-------------|------|
| | | | | 50 | 3.85 | 7.153 | 0.0087 | -2.5 to 2.5 | Pass |
|--|--|--|--|----|------|-------|--------|-------------|------|

2.4 B26a_10MHz

2.4.1 Test Result

| 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 | -11.673 | -0.0143 | -2.5 to 2.5 | Pass | |
| | | | | | 3.85 | -22.573 | -0.0276 | -2.5 to 2.5 | Pass | |
| | | | | | 4.43 | -28.296 | -0.0345 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 3.85 | -30.999 | -0.0378 | -2.5 to 2.5 | Pass | |
| | | | | | -20 | 3.85 | -32.387 | -0.0395 | -2.5 to 2.5 | Pass |
| | | | | | | 3.85 | -33.760 | -0.0412 | -2.5 to 2.5 | Pass |
| | | | | | 0 | 3.85 | -34.060 | -0.0416 | -2.5 to 2.5 | Pass |
| | | | | | 10 | 3.85 | -35.205 | -0.0430 | -2.5 to 2.5 | Pass |
| | | | | | 30 | 3.85 | -34.633 | -0.0423 | -2.5 to 2.5 | Pass |
| | | | | | 40 | 3.85 | -34.704 | -0.0424 | -2.5 to 2.5 | Pass |
| 50 | 3.85 | -34.375 | -0.0420 | -2.5 to 2.5 | Pass | | | | | |
| 16QAM | 819 | 50 | 0 | 20 | 3.27 | 2.117 | 0.0026 | -2.5 to 2.5 | Pass | |
| | | | | | 3.85 | 0.629 | 0.0008 | -2.5 to 2.5 | Pass | |
| | | | | | 4.43 | 6.909 | 0.0084 | -2.5 to 2.5 | Pass | |
| | | | | -30 | 3.85 | 17.381 | 0.0212 | -2.5 to 2.5 | Pass | |
| | | | | | -20 | 3.85 | 22.545 | 0.0275 | -2.5 to 2.5 | Pass |
| | | | | | | 3.85 | 26.121 | 0.0319 | -2.5 to 2.5 | Pass |
| | | | | | 0 | 3.85 | 28.367 | 0.0346 | -2.5 to 2.5 | Pass |
| | | | | | 10 | 3.85 | 30.141 | 0.0368 | -2.5 to 2.5 | Pass |
| | | | | | 30 | 3.85 | 30.470 | 0.0372 | -2.5 to 2.5 | Pass |
| | | | | | 40 | 3.85 | 30.112 | 0.0368 | -2.5 to 2.5 | Pass |
| 50 | 3.85 | 29.740 | 0.0363 | -2.5 to 2.5 | Pass | | | | | |

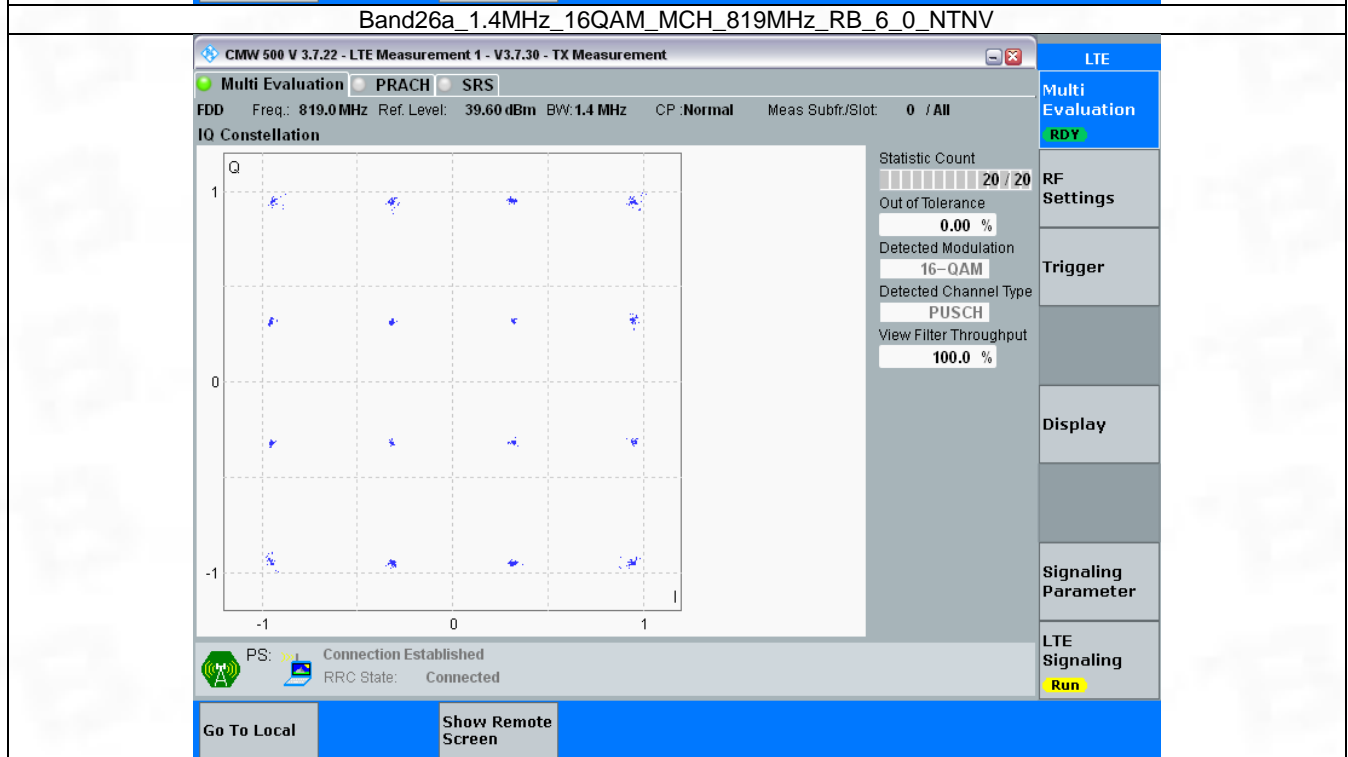
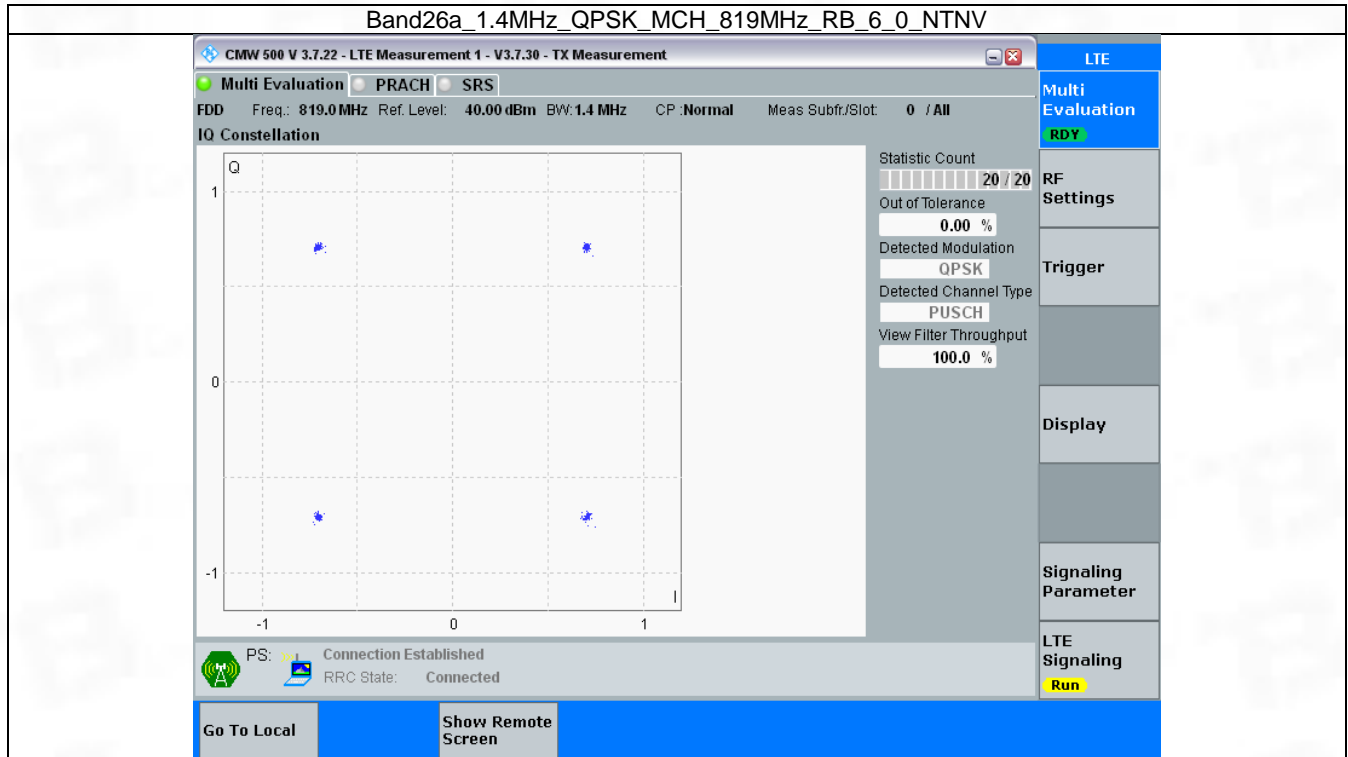
3. Modulation Characteristics

3.1 B26a_1.4MHz

3.1.1 Test Result

| Band: 26a / Bandwidth: 1.4MHz / NTN | | | | | | |
|-------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| 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 Test Graph

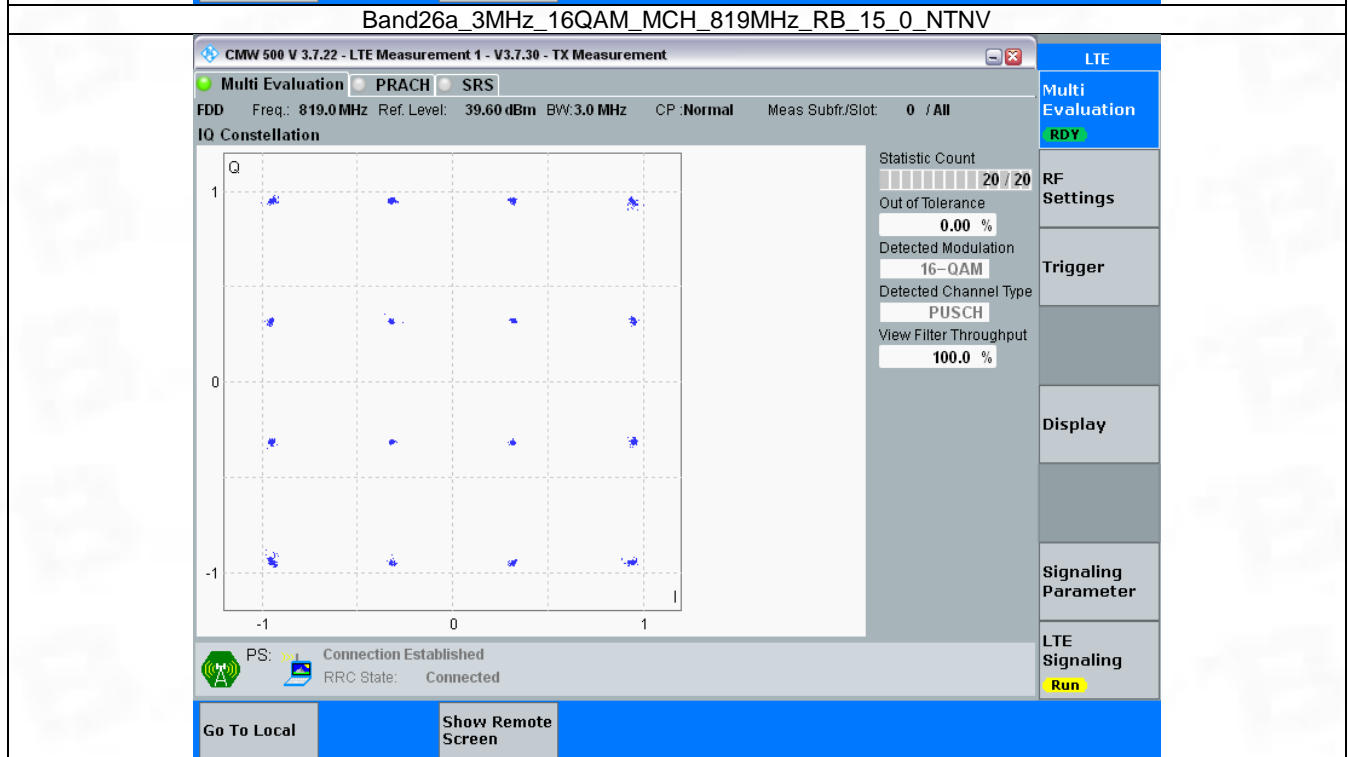
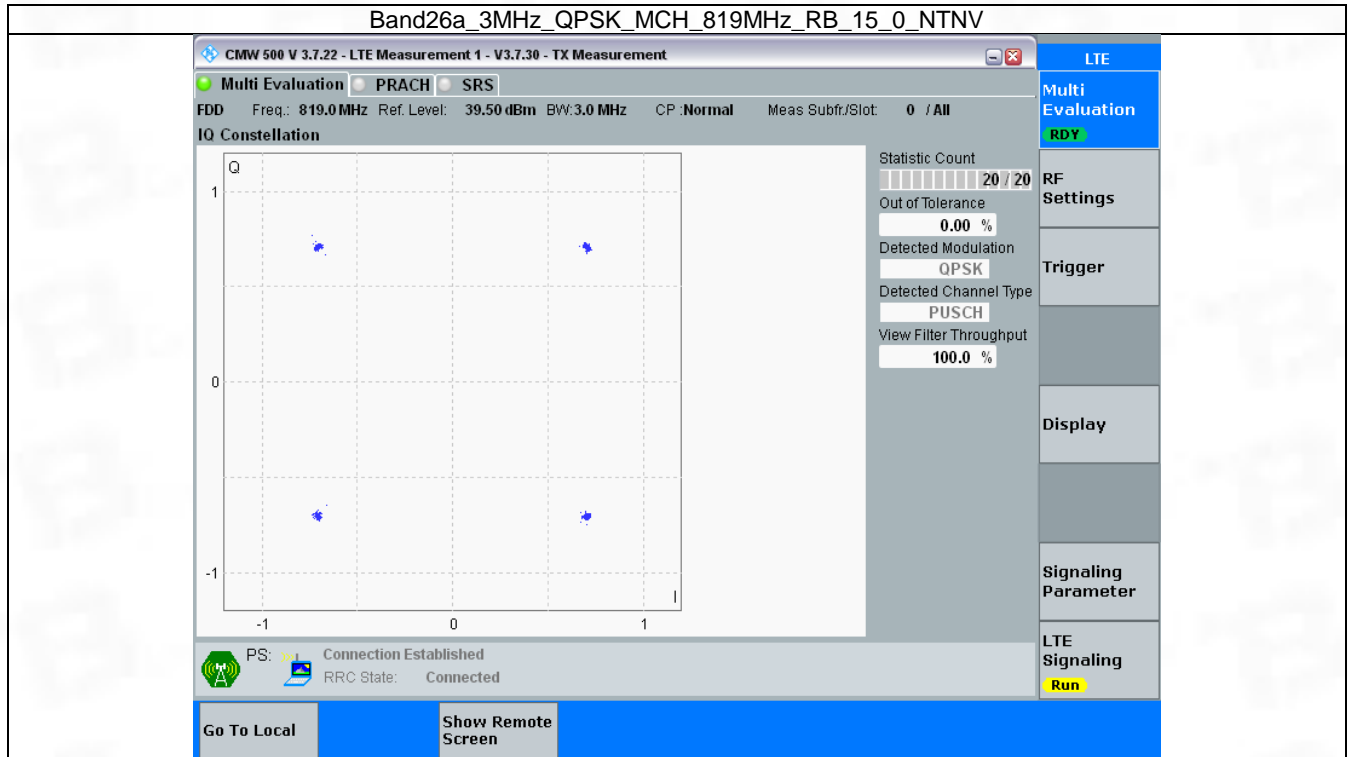


3.2 B26a_3MHz

3.2.1 Test Result

| 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 |

3.2.2 Test Graph

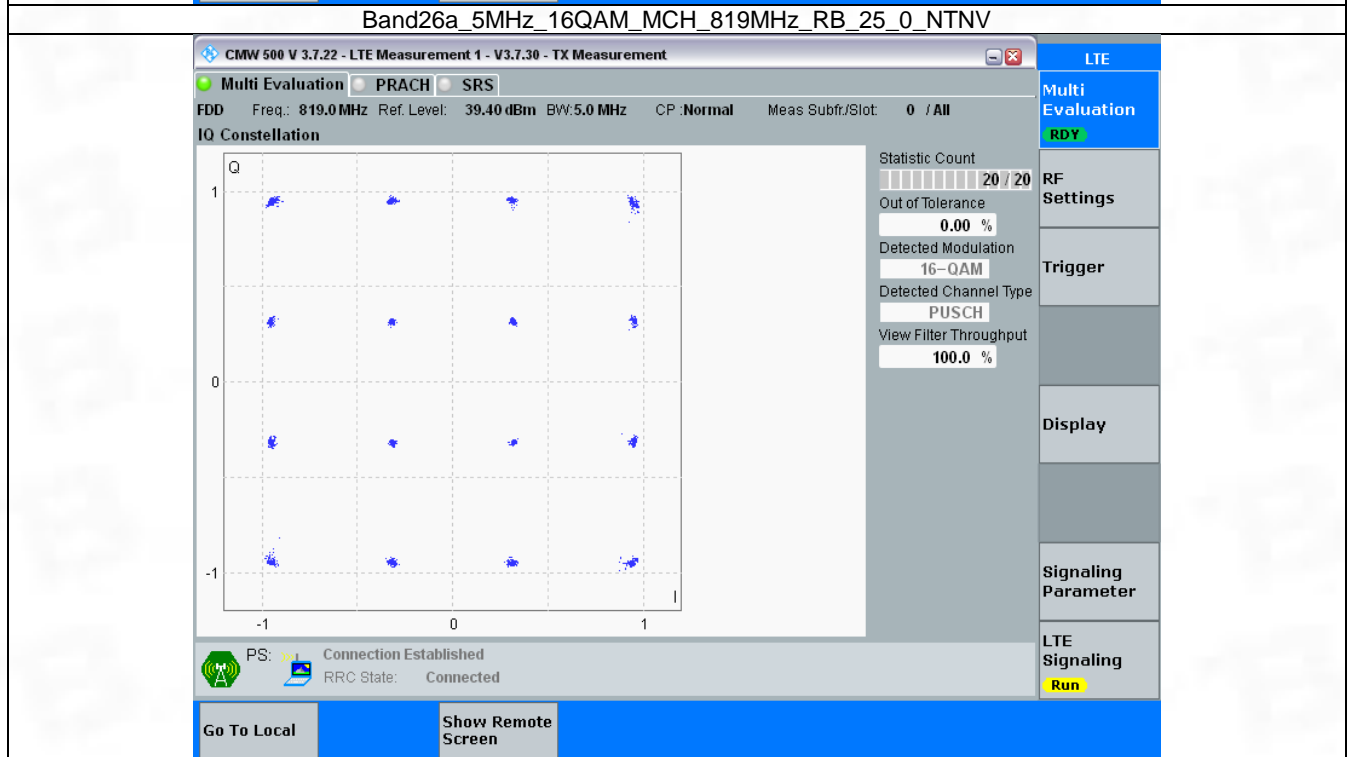
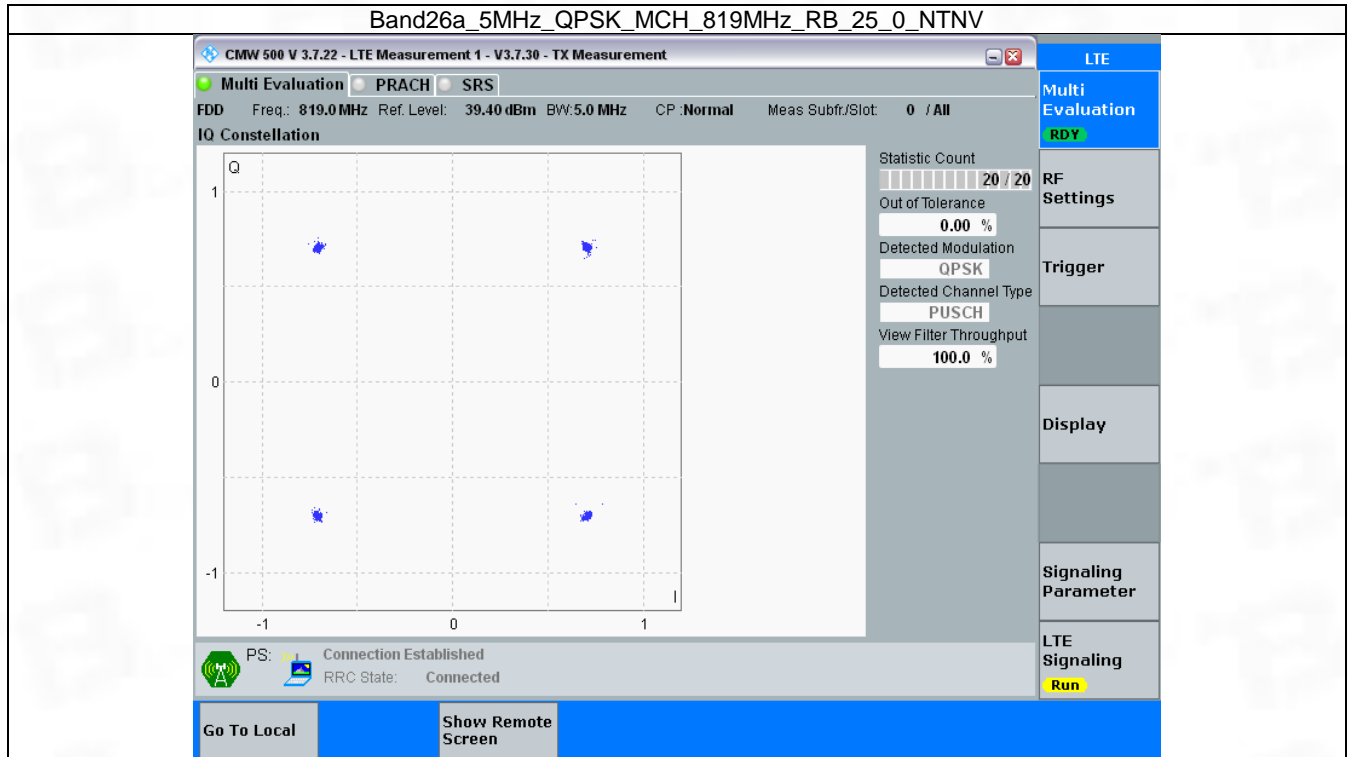


3.3 B26a_5MHz

3.3.1 Test Result

| 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 |

3.3.2 Test Graph

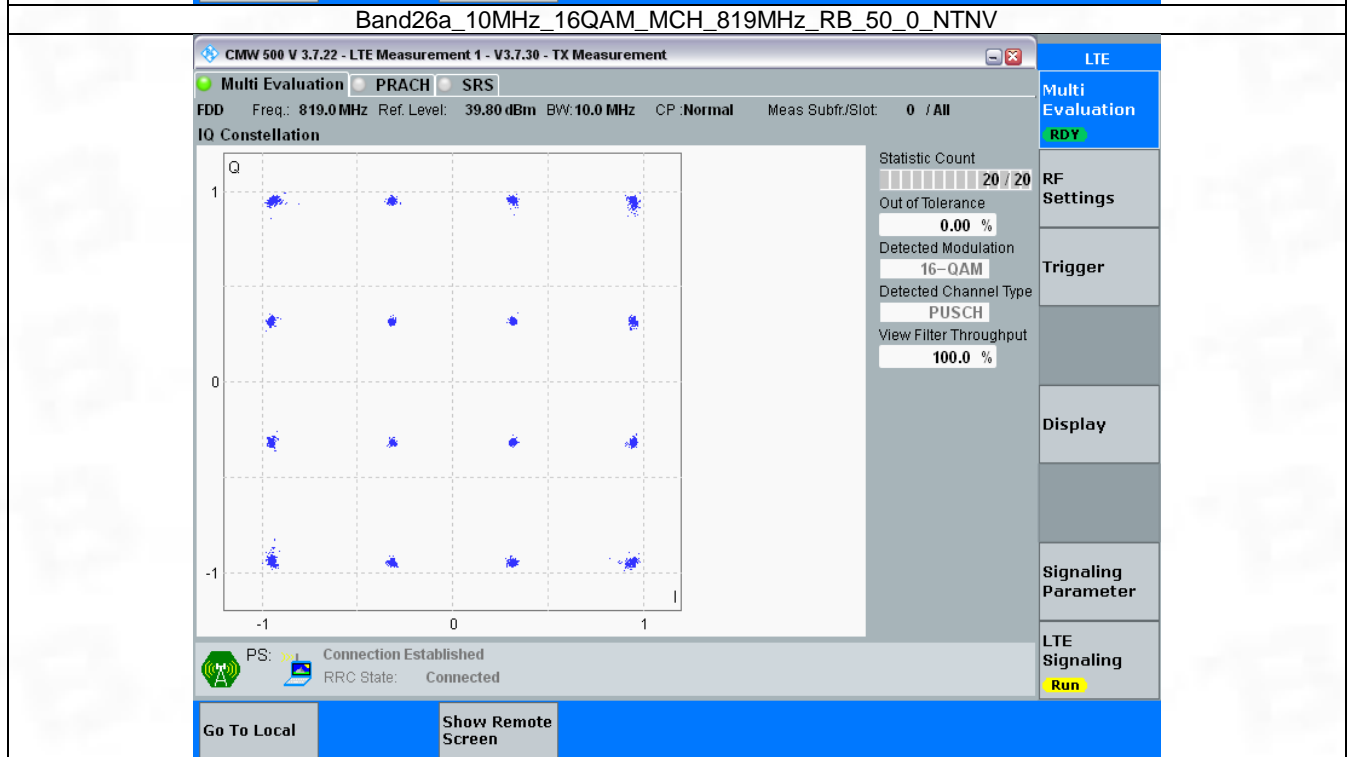
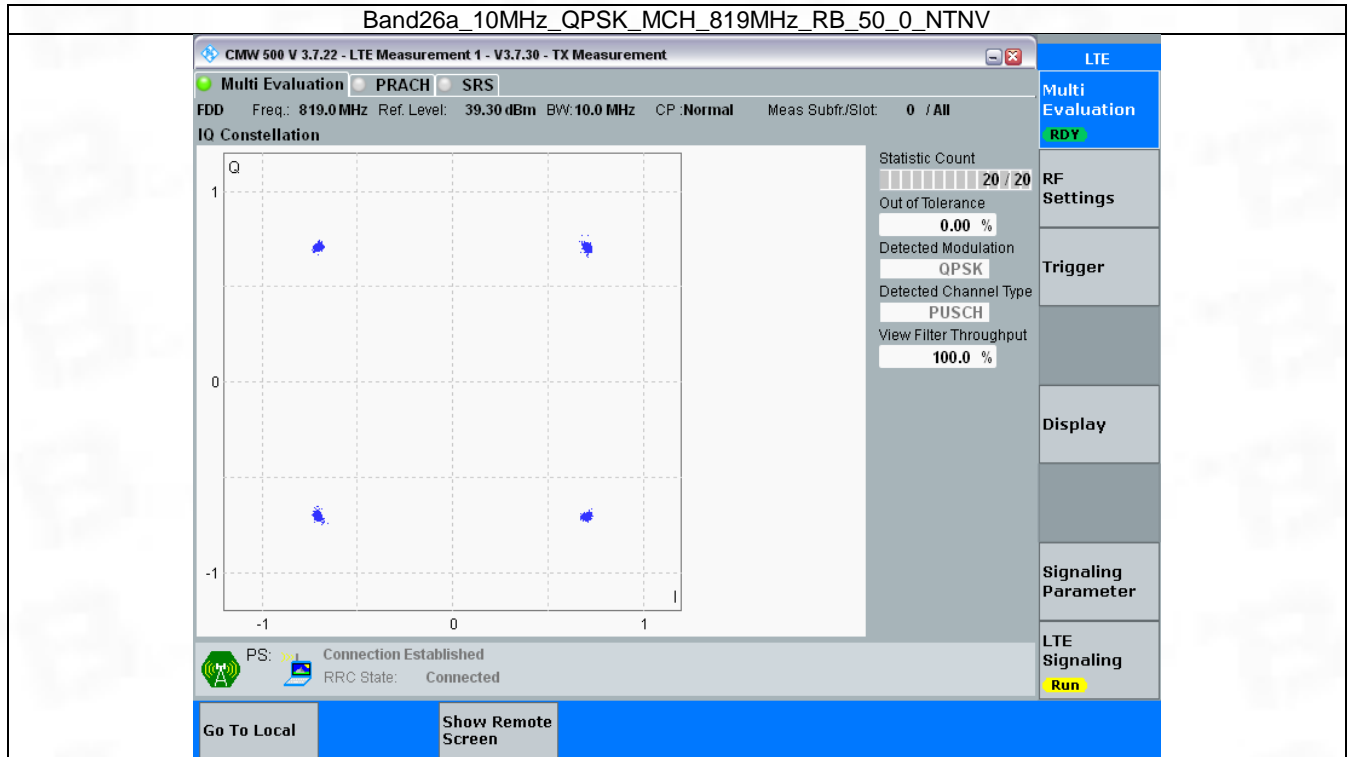


3.4 B26a_10MHz

3.4.1 Test Result

| Band: 26a / Bandwidth: 10MHz / NTN | | | | | | |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| 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 |

3.4.2 Test Graph



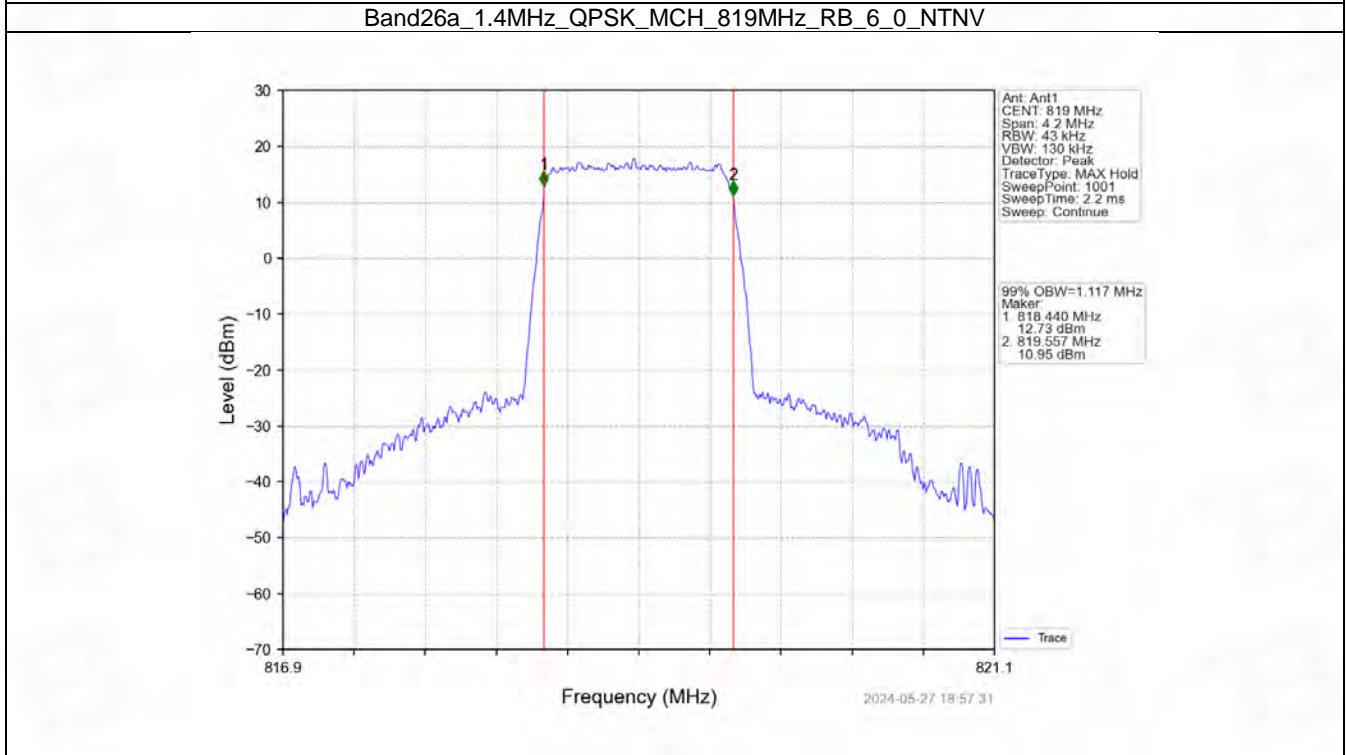
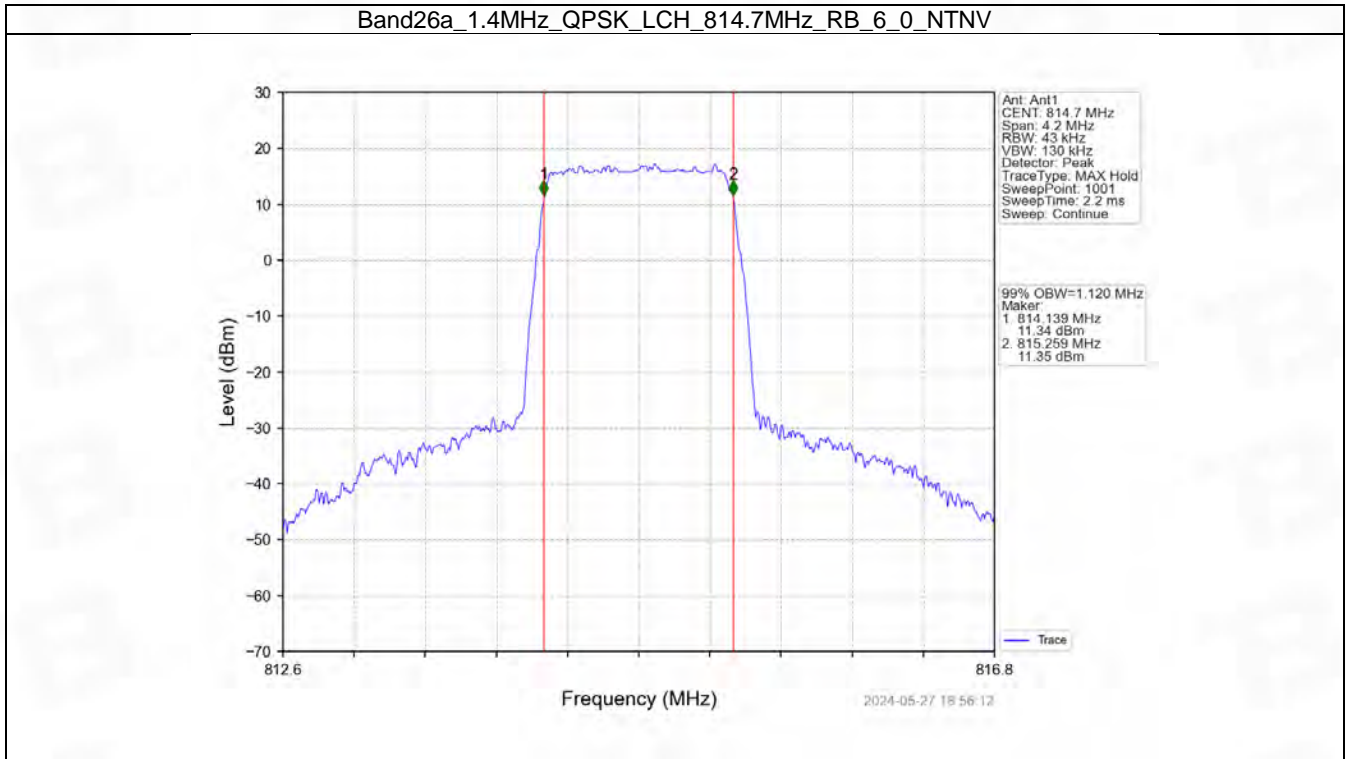
4. 99% & 26dB Bandwidth

4.1 Band26a_OBW

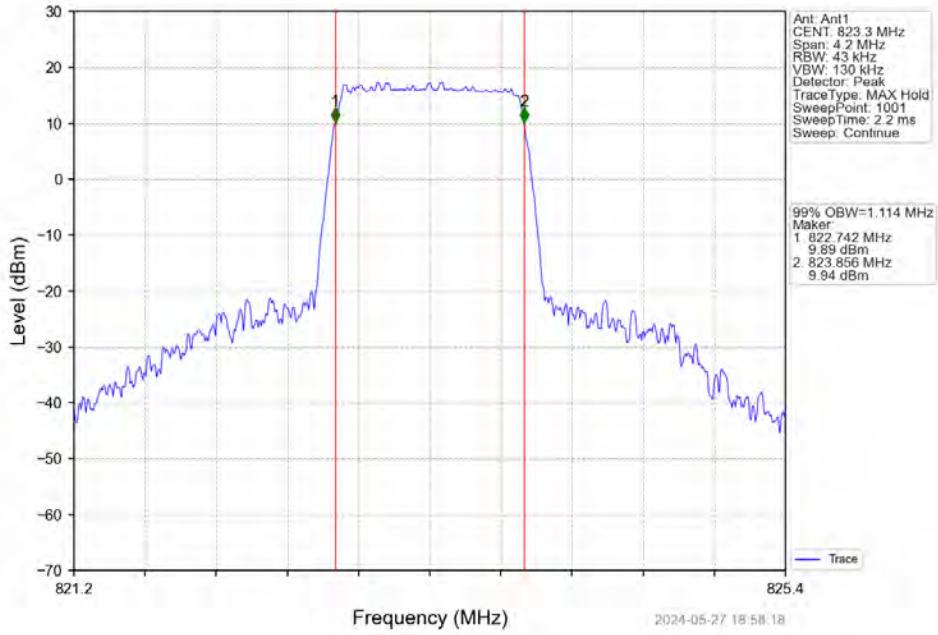
4.1.1 Test Result

| 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 | 1.117 | / | Pass |
| | | 823.3 | 6 | 0 | 1.114 | / | Pass |
| | 16QAM | 814.7 | 6 | 0 | 1.107 | / | Pass |
| | | 819 | 6 | 0 | 1.120 | / | Pass |
| | | 823.3 | 6 | 0 | 1.115 | / | Pass |
| 3 | QPSK | 815.5 | 15 | 0 | 2.748 | / | Pass |
| | | 819 | 15 | 0 | 2.747 | / | Pass |
| | | 822.5 | 15 | 0 | 2.762 | / | Pass |
| | 16QAM | 815.5 | 15 | 0 | 2.760 | / | Pass |
| | | 819 | 15 | 0 | 2.767 | / | Pass |
| | | 822.5 | 15 | 0 | 2.745 | / | Pass |
| 5 | QPSK | 816.5 | 25 | 0 | 4.553 | / | Pass |
| | | 819 | 25 | 0 | 4.558 | / | Pass |
| | | 821.5 | 25 | 0 | 4.566 | / | Pass |
| | 16QAM | 816.5 | 25 | 0 | 4.550 | / | Pass |
| | | 819 | 25 | 0 | 4.591 | / | Pass |
| | | 821.5 | 25 | 0 | 4.566 | / | Pass |
| 10 | QPSK | 819 | 50 | 0 | 9.025 | / | Pass |
| | 16QAM | 819 | 50 | 0 | 9.044 | / | Pass |

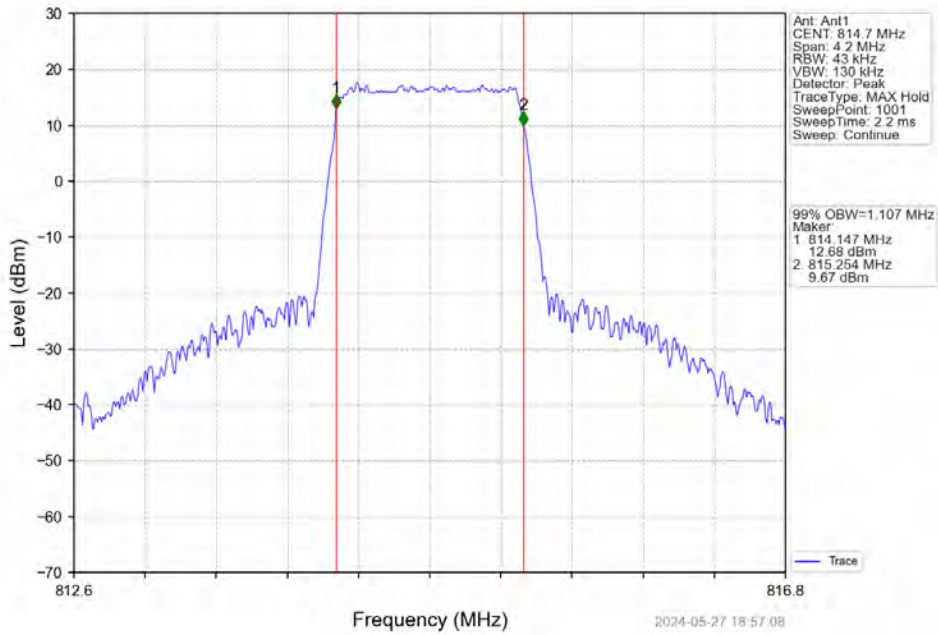
4.1.2 Test Graph



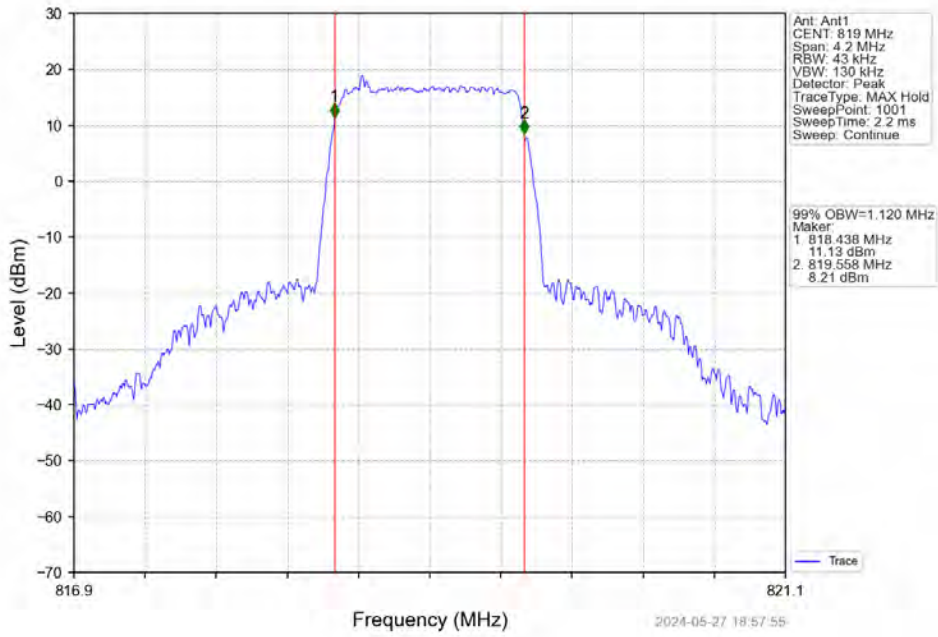
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



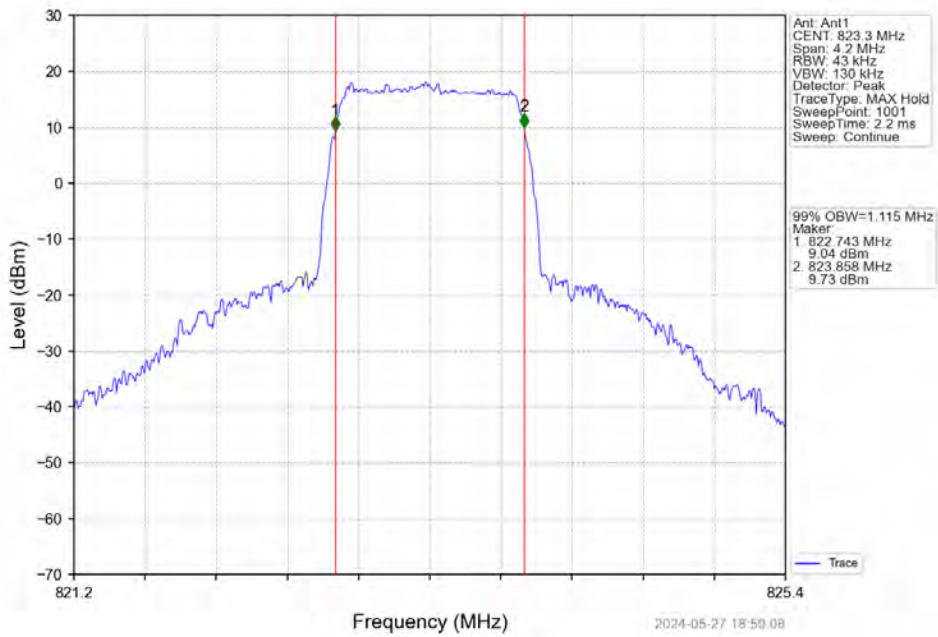
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



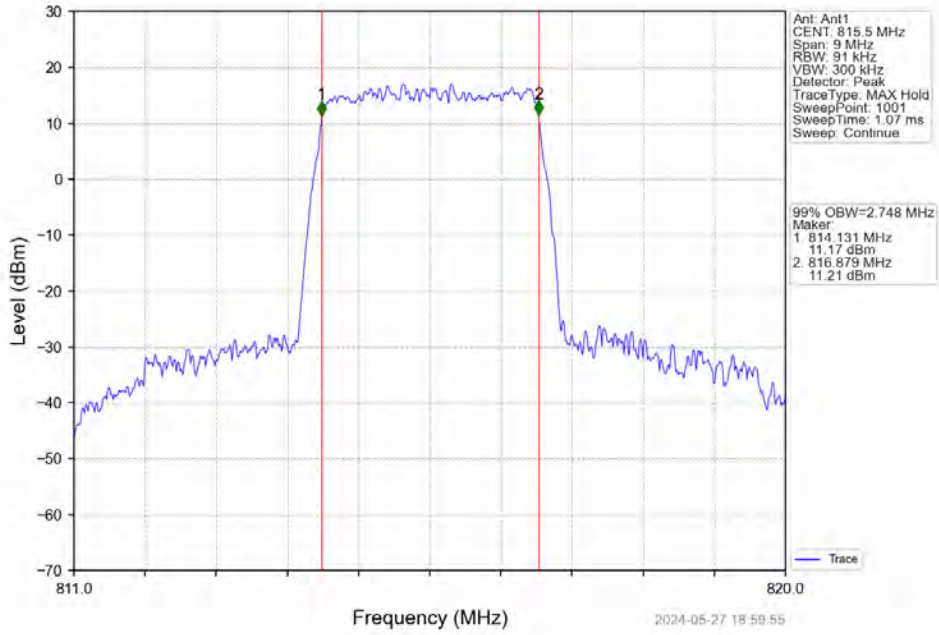
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



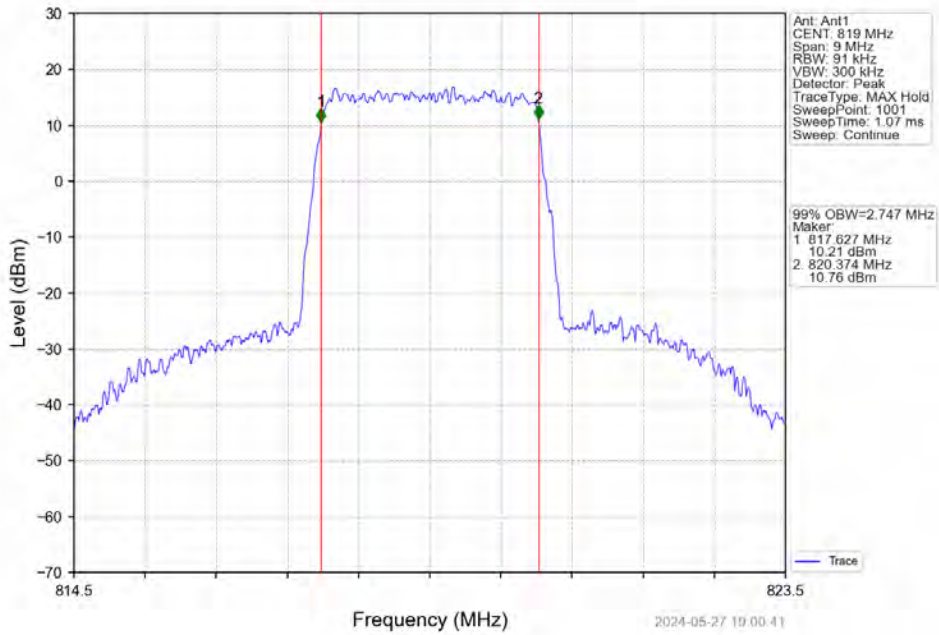
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



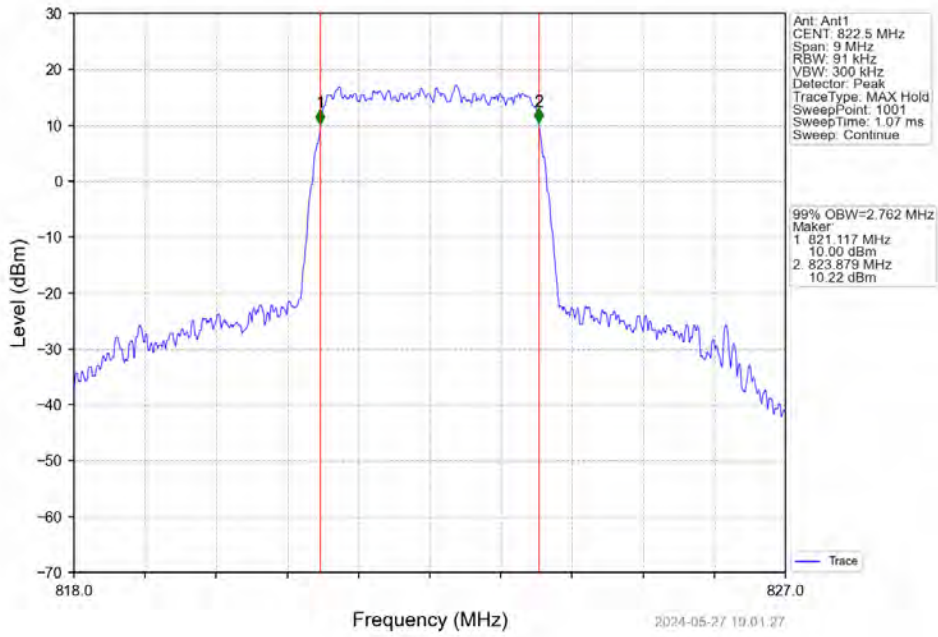
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



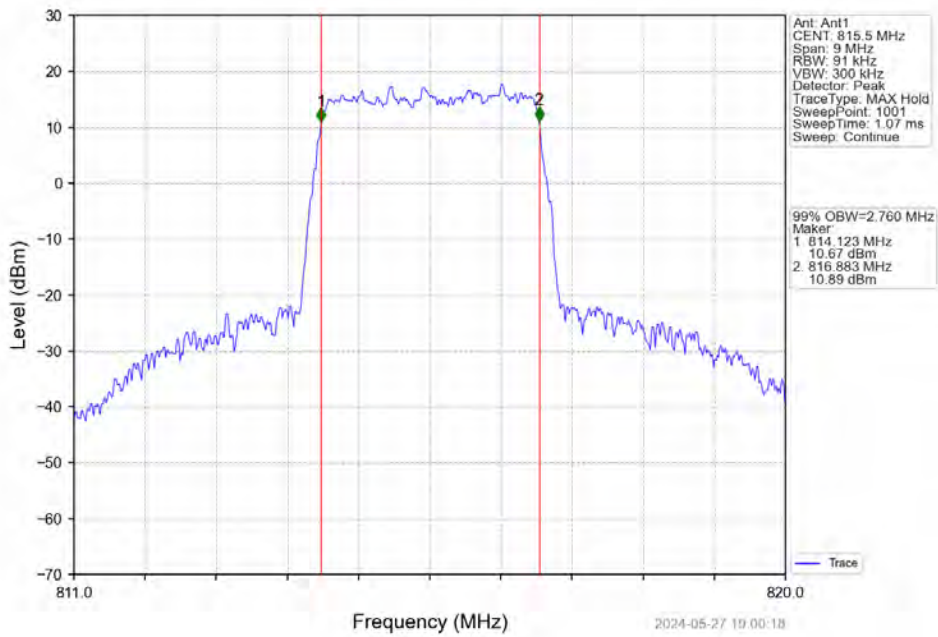
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



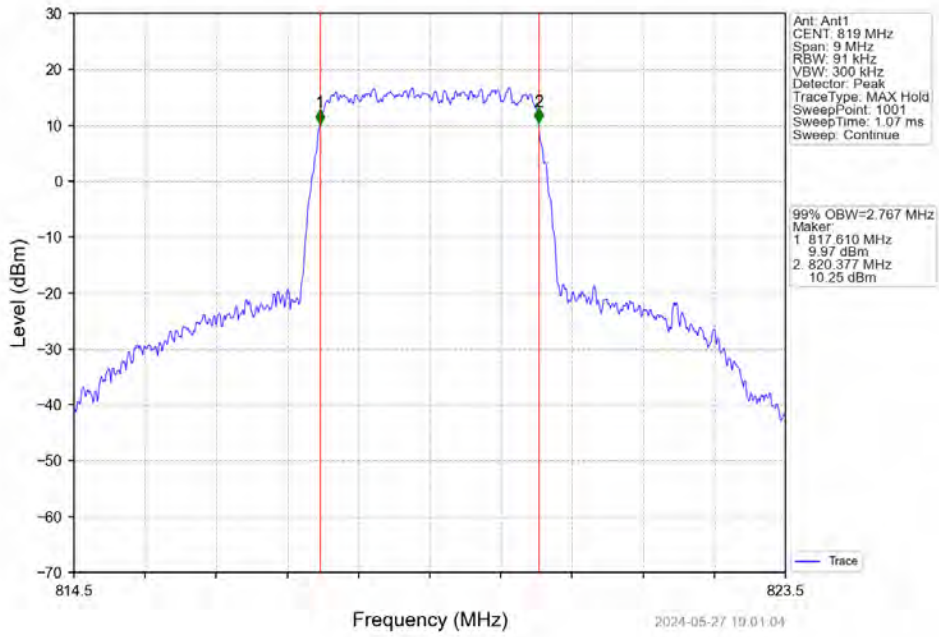
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



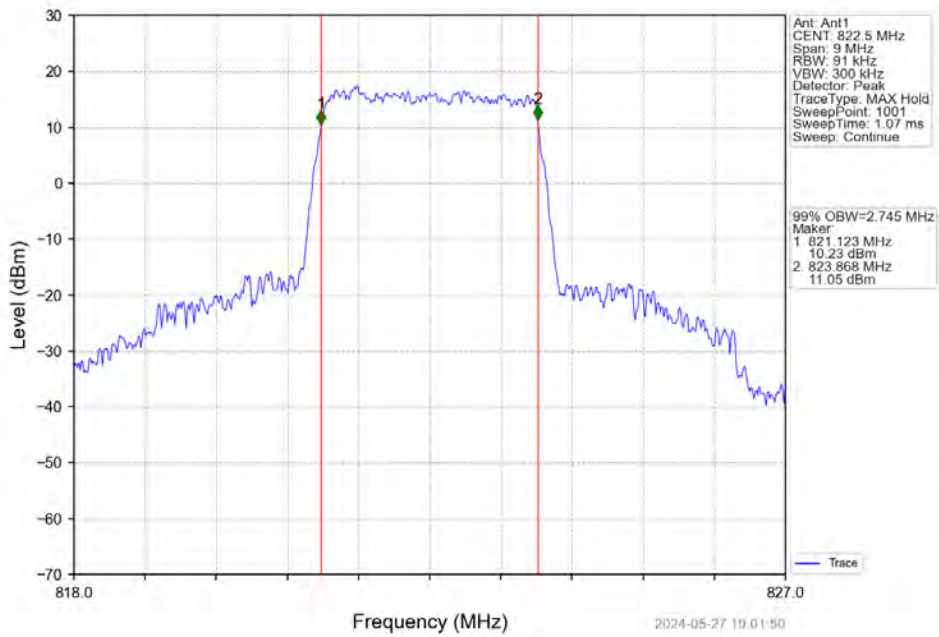
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



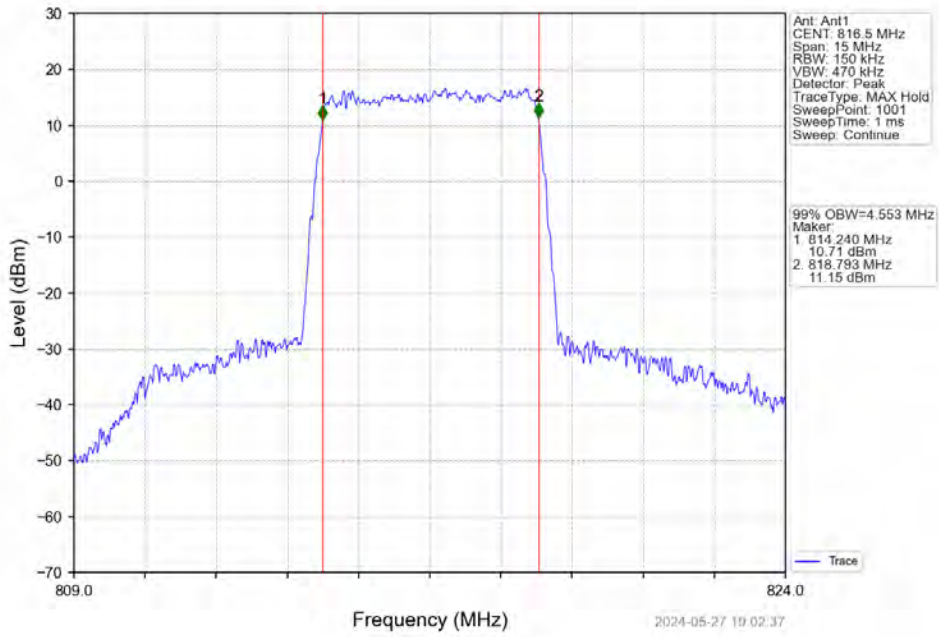
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



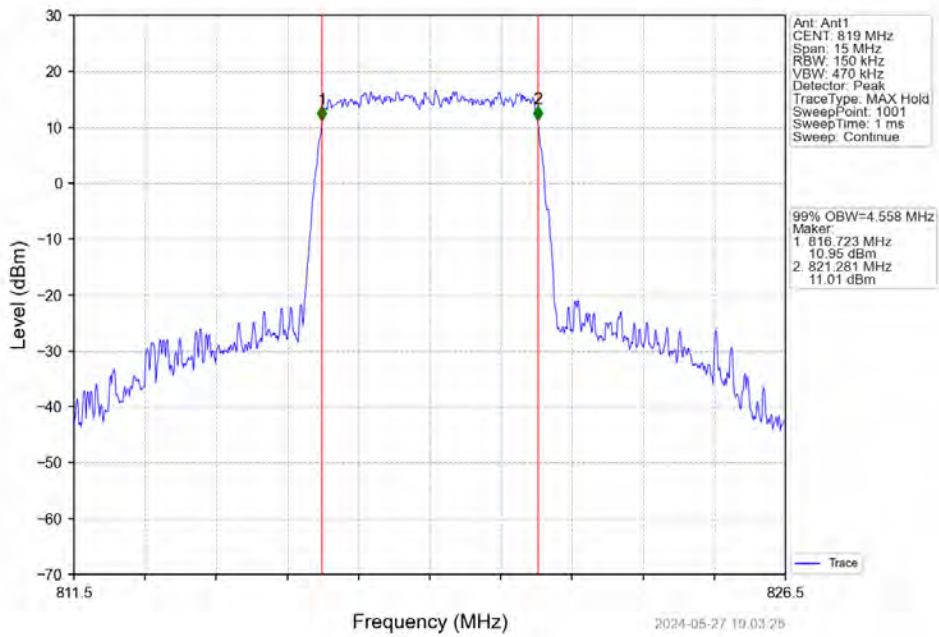
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



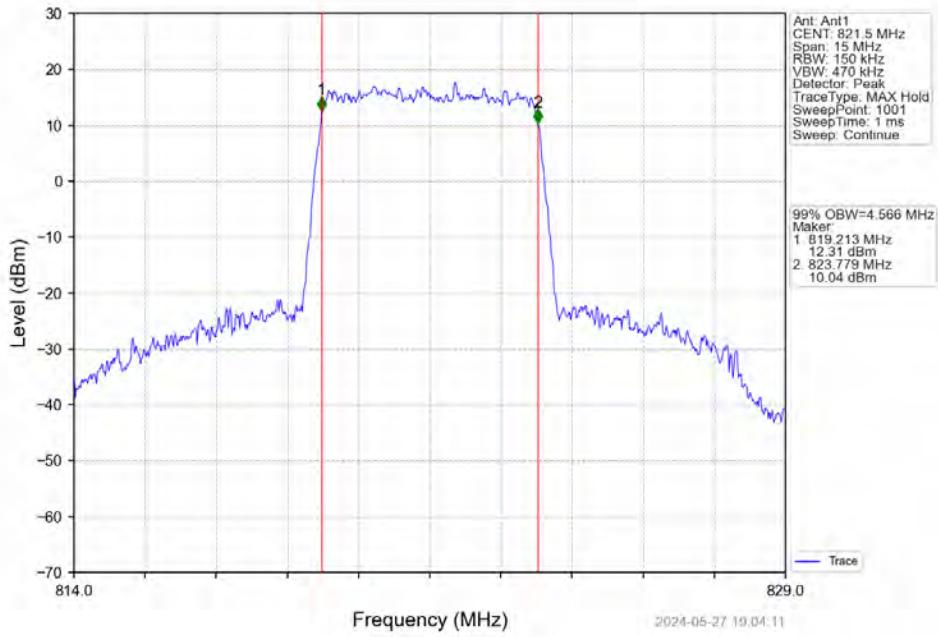
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



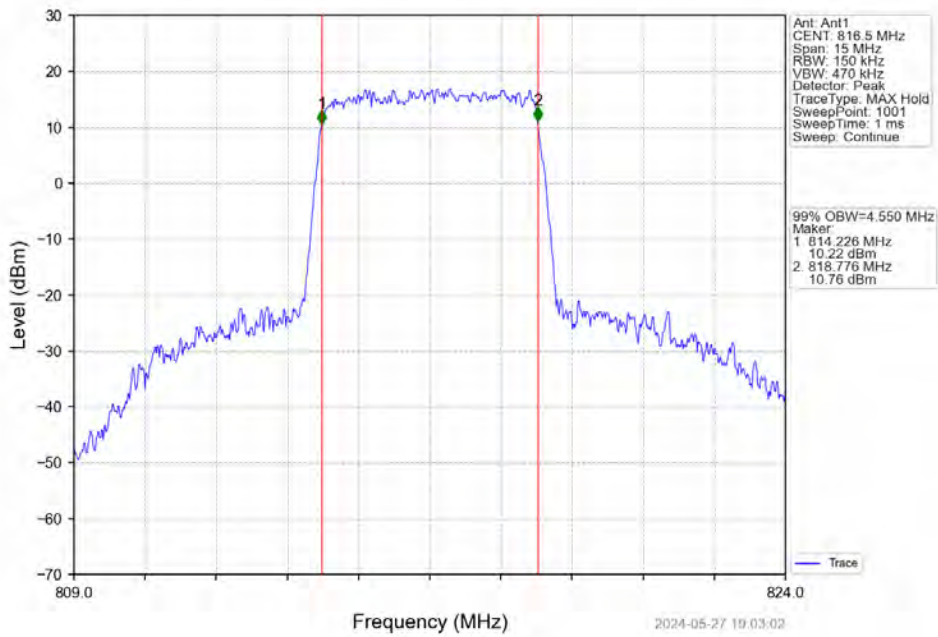
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



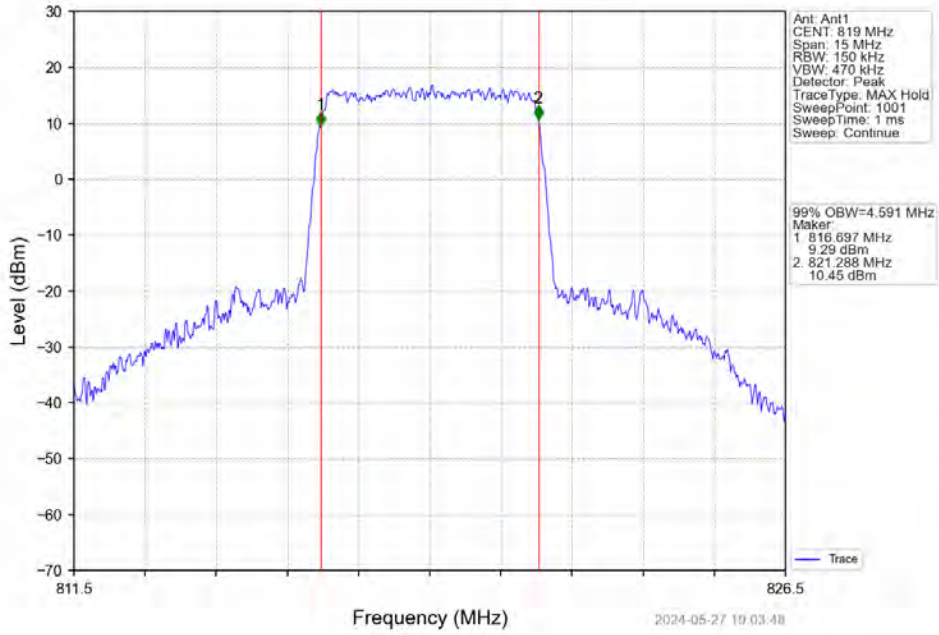
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



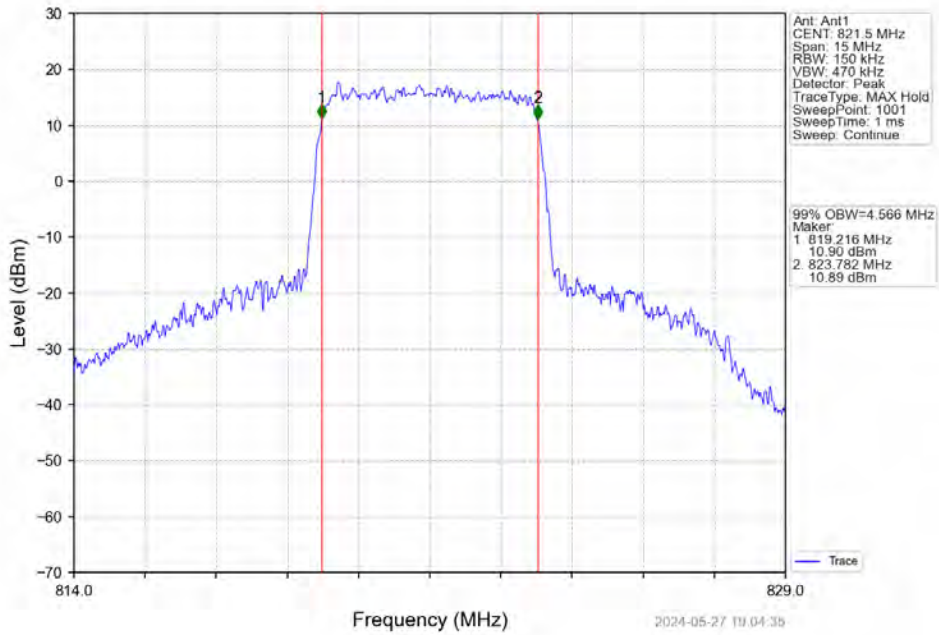
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



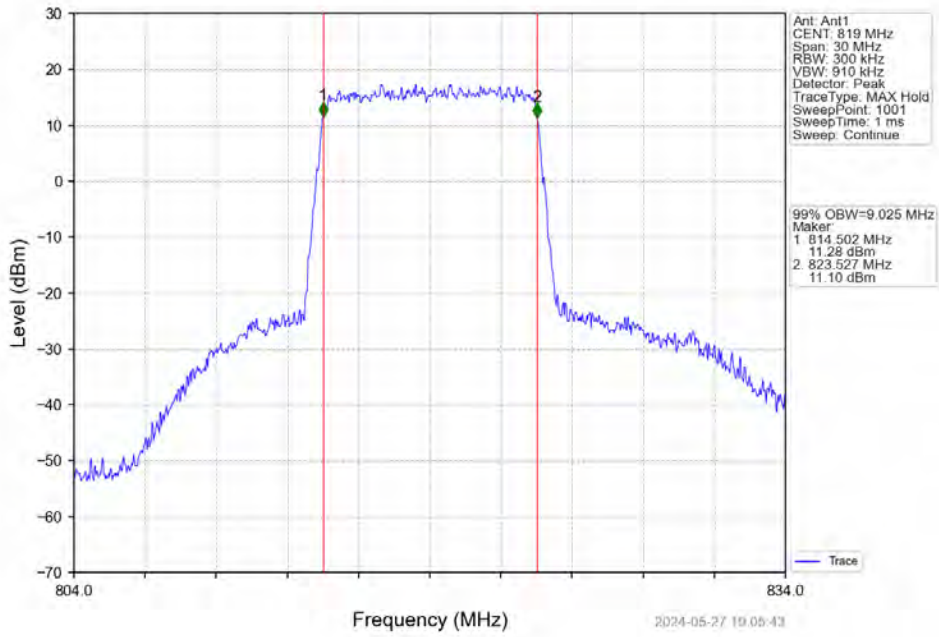
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



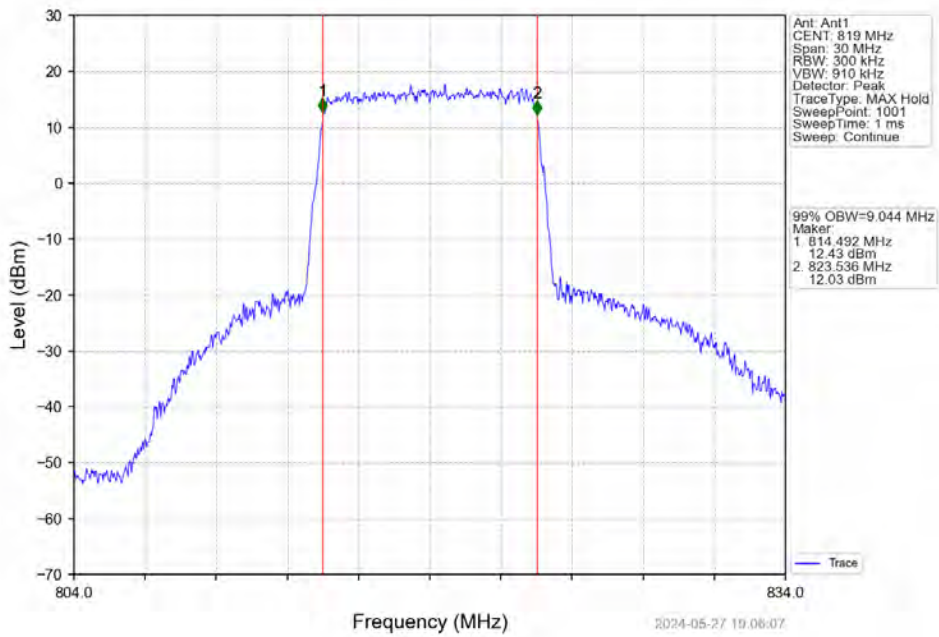
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV

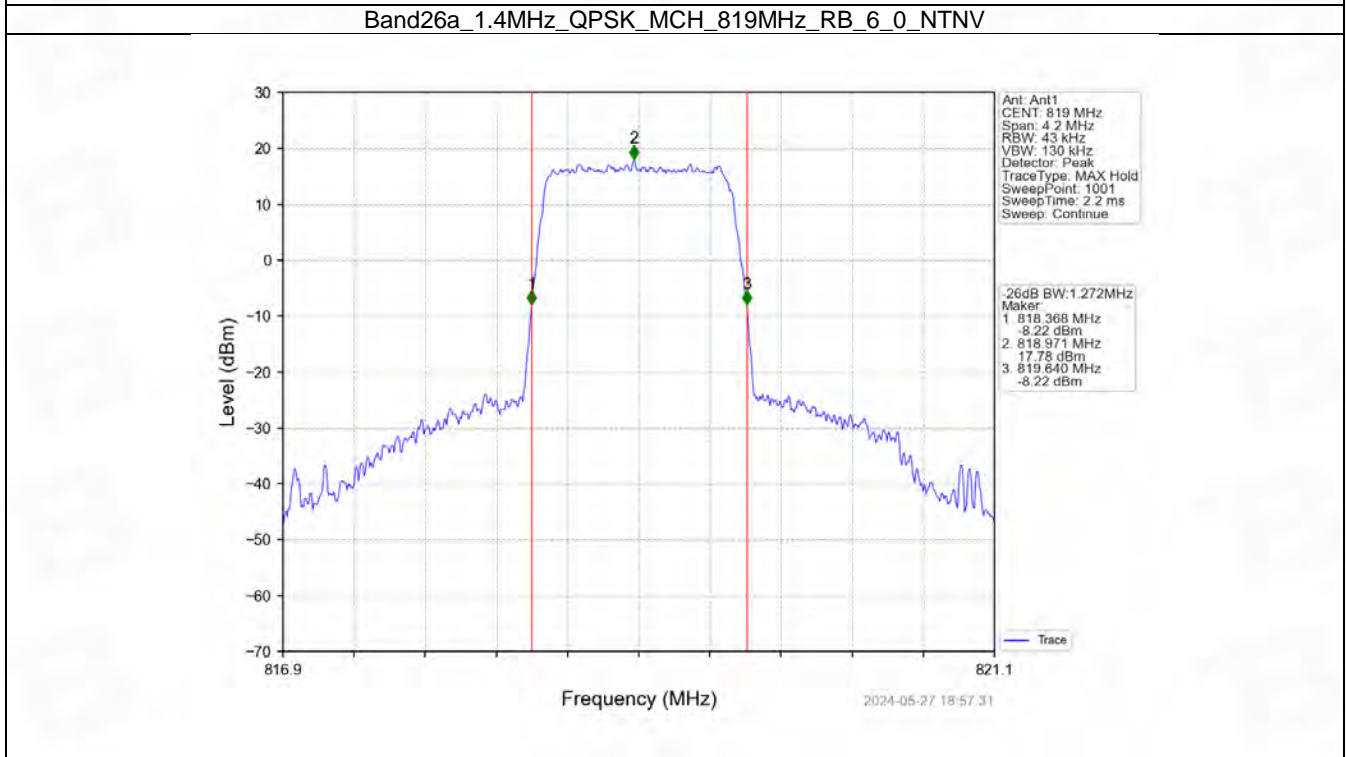
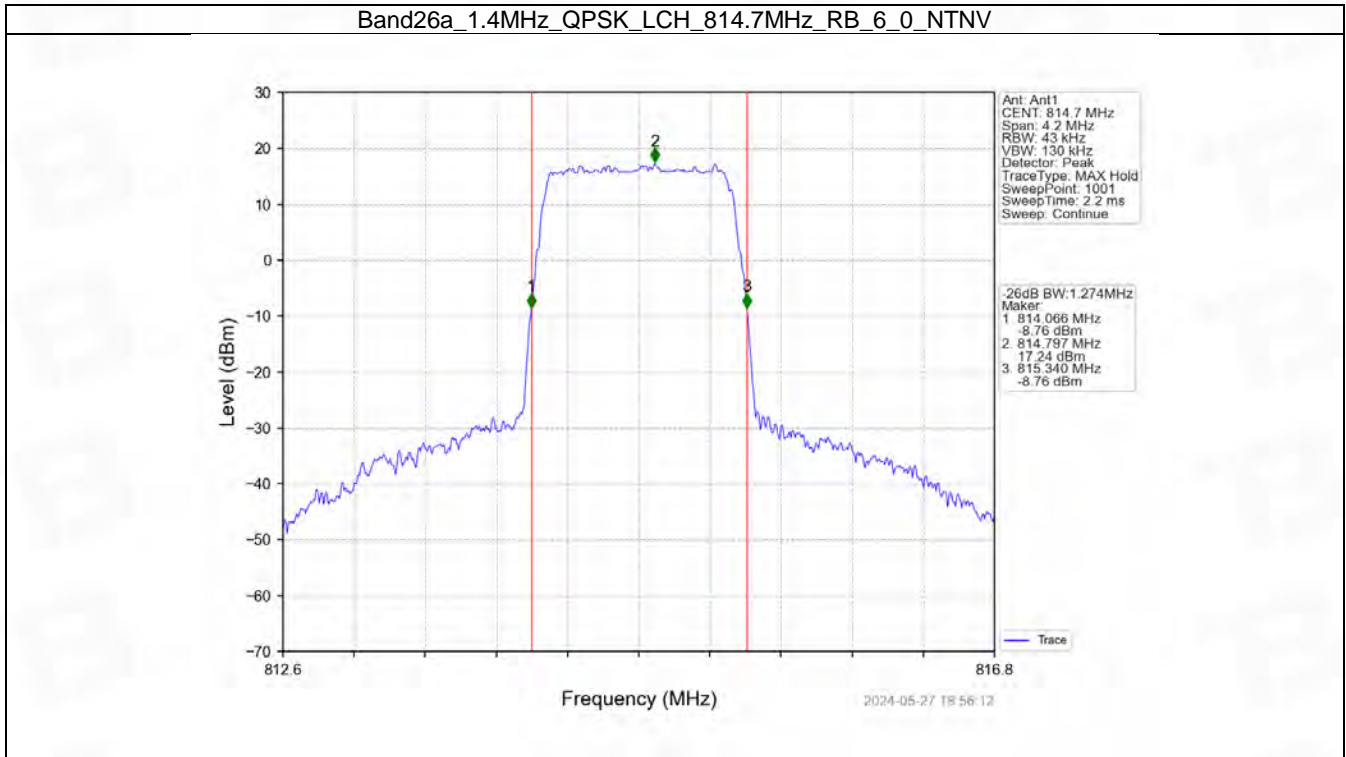


4.2 Band26a_XDB

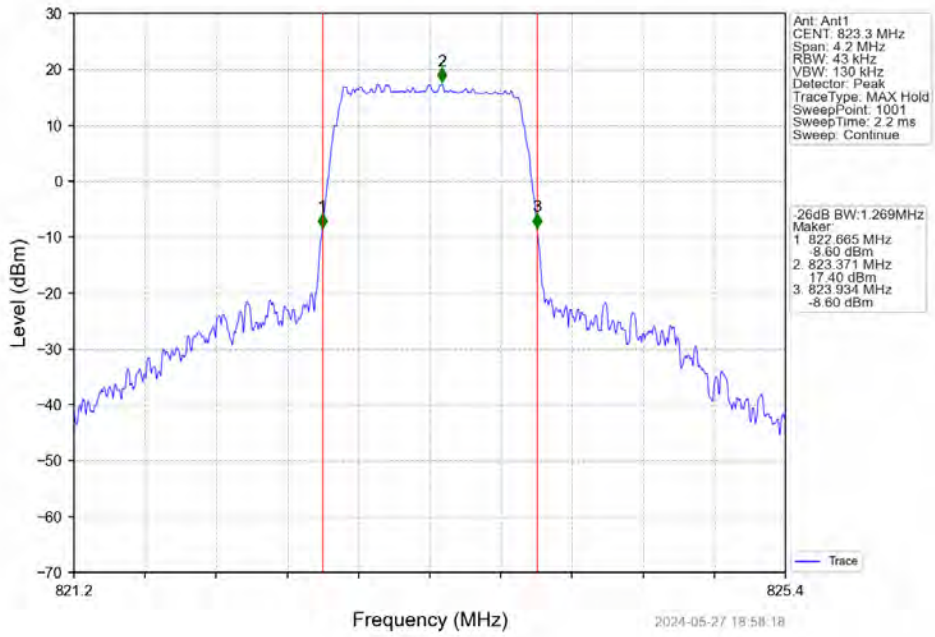
4.2.1 Test Result

| Band: 26a / NTV | | | | | | | |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 1.4 | QPSK | 814.7 | 6 | 0 | 1.274 | / | Pass |
| | | 819 | 6 | 0 | 1.272 | / | Pass |
| | | 823.3 | 6 | 0 | 1.269 | / | Pass |
| | 16QAM | 814.7 | 6 | 0 | 1.266 | / | Pass |
| | | 819 | 6 | 0 | 1.277 | / | Pass |
| | | 823.3 | 6 | 0 | 1.279 | / | Pass |
| 3 | QPSK | 815.5 | 15 | 0 | 3.088 | / | Pass |
| | | 819 | 15 | 0 | 3.101 | / | Pass |
| | | 822.5 | 15 | 0 | 3.102 | / | Pass |
| | 16QAM | 815.5 | 15 | 0 | 3.108 | / | Pass |
| | | 819 | 15 | 0 | 3.139 | / | Pass |
| | | 822.5 | 15 | 0 | 3.095 | / | Pass |
| 5 | QPSK | 816.5 | 25 | 0 | 5.078 | / | Pass |
| | | 819 | 25 | 0 | 5.067 | / | Pass |
| | | 821.5 | 25 | 0 | 5.027 | / | Pass |
| | 16QAM | 816.5 | 25 | 0 | 5.064 | / | Pass |
| | | 819 | 25 | 0 | 5.067 | / | Pass |
| | | 821.5 | 25 | 0 | 5.047 | / | Pass |
| 10 | QPSK | 819 | 50 | 0 | 9.948 | / | Pass |
| | 16QAM | 819 | 50 | 0 | 10.044 | / | Pass |

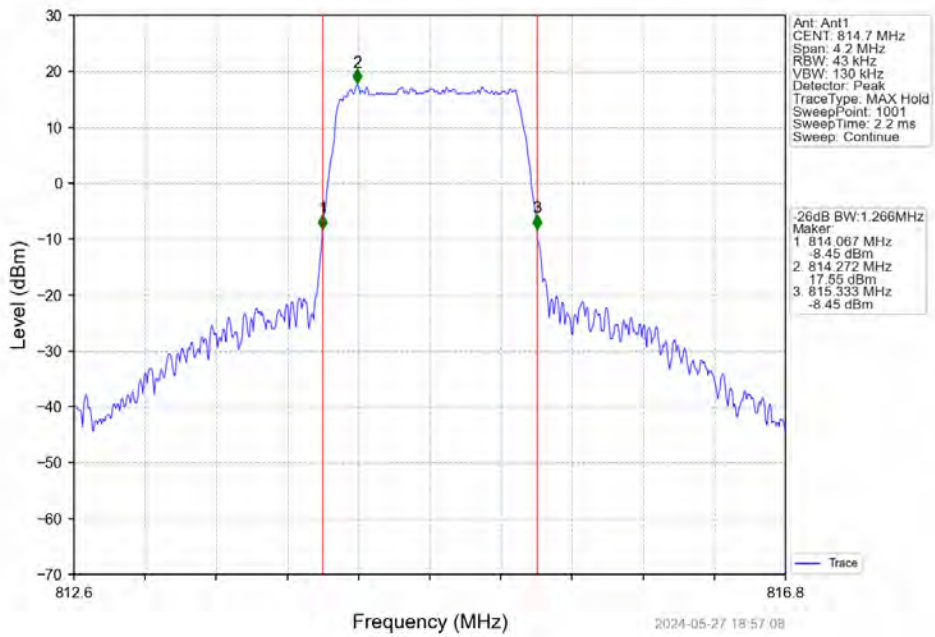
4.2.2 Test Graph



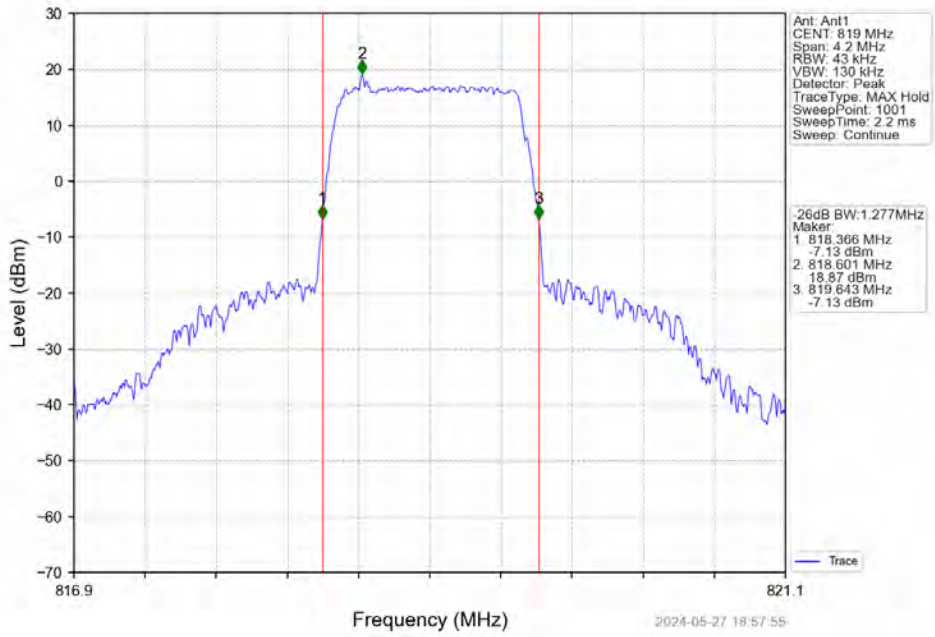
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



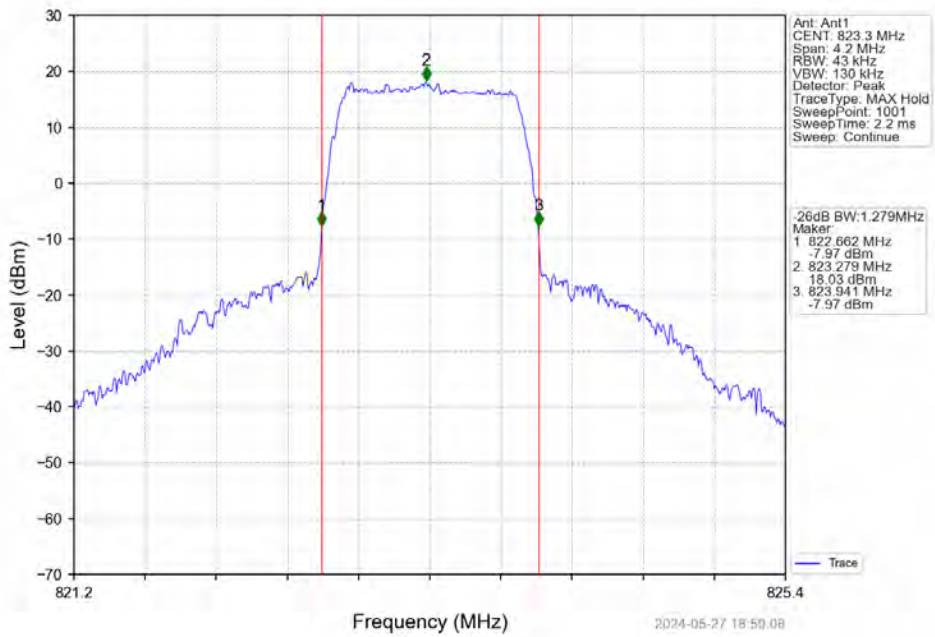
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



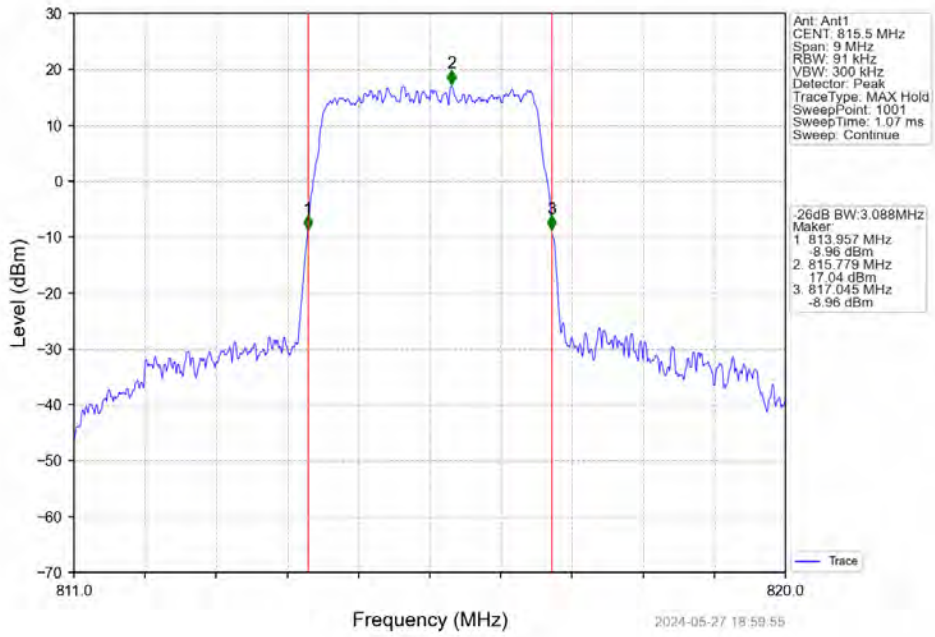
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



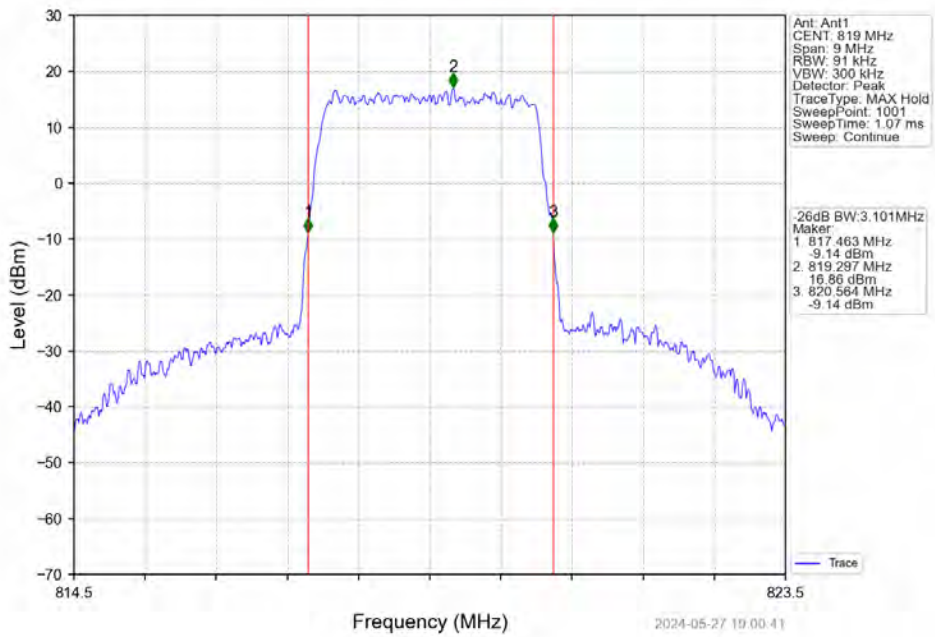
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



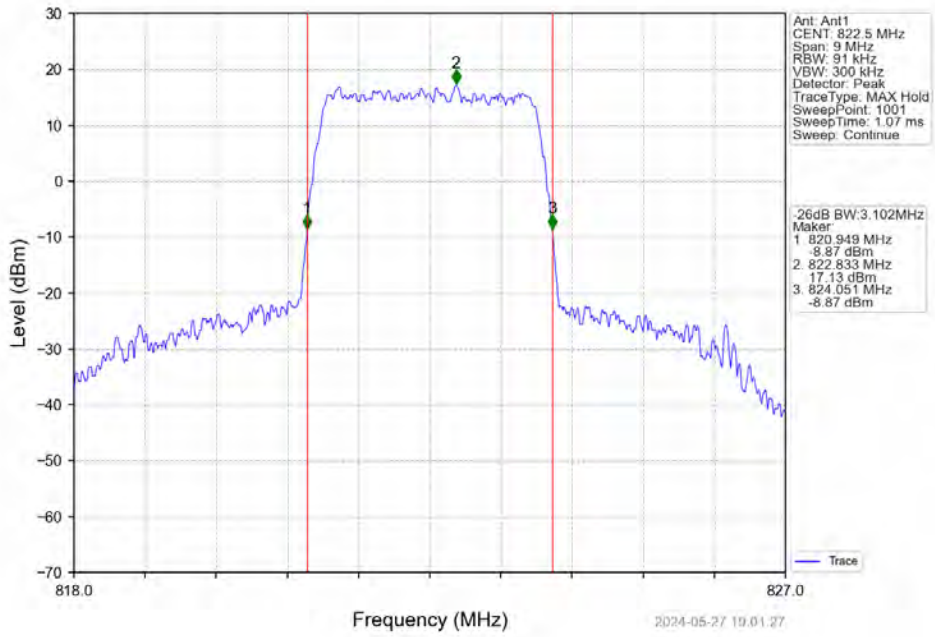
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



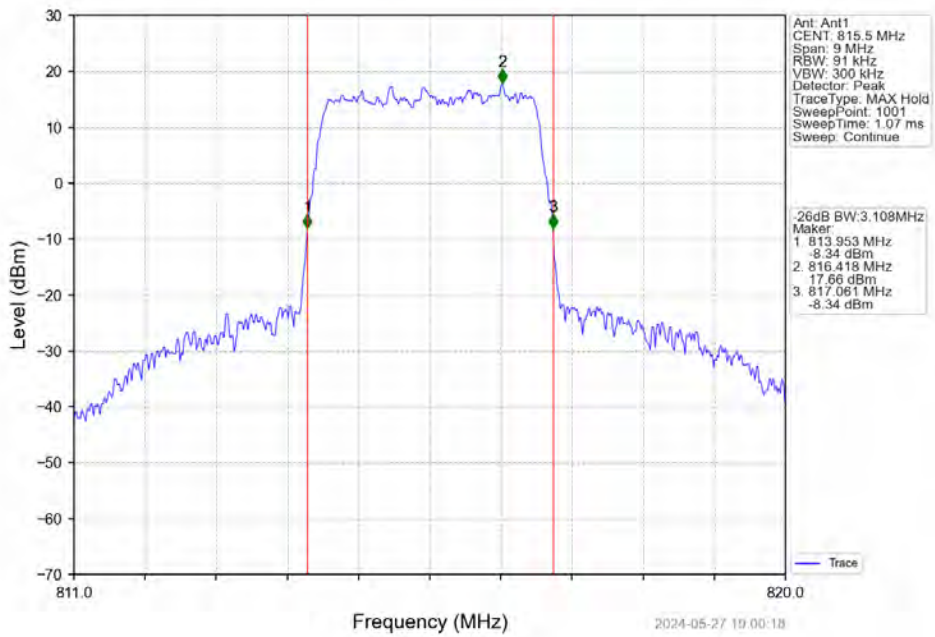
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



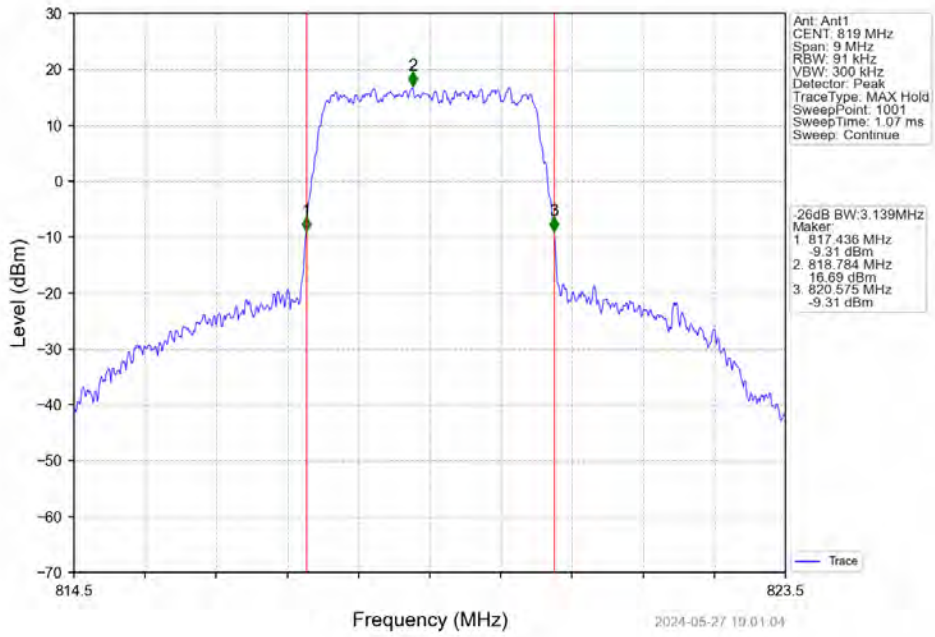
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



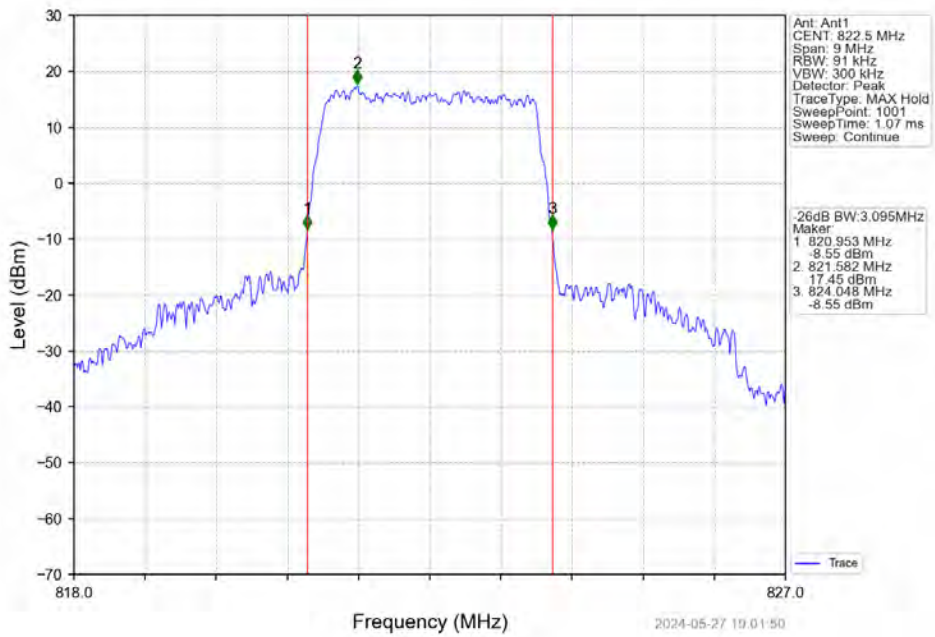
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



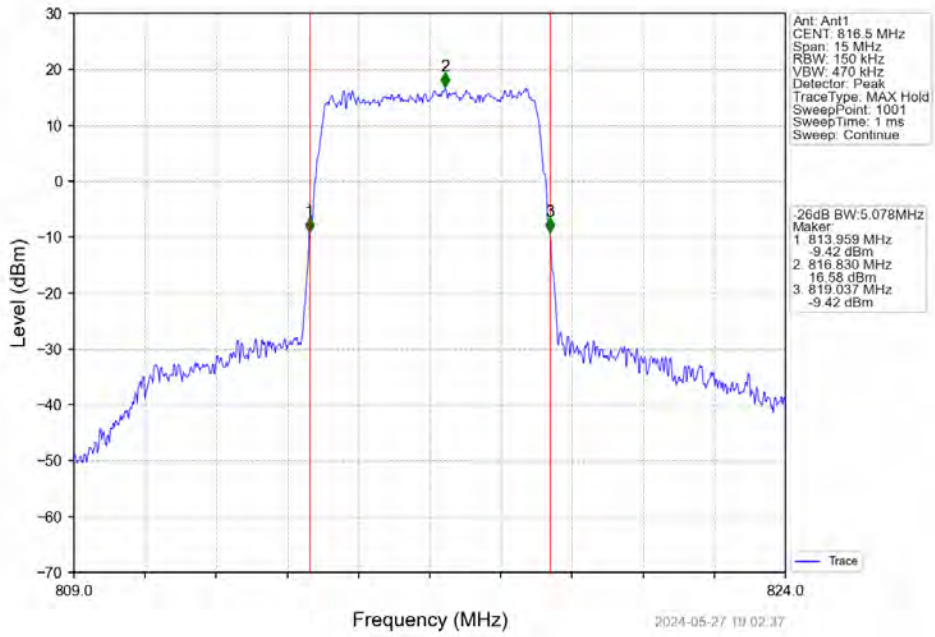
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



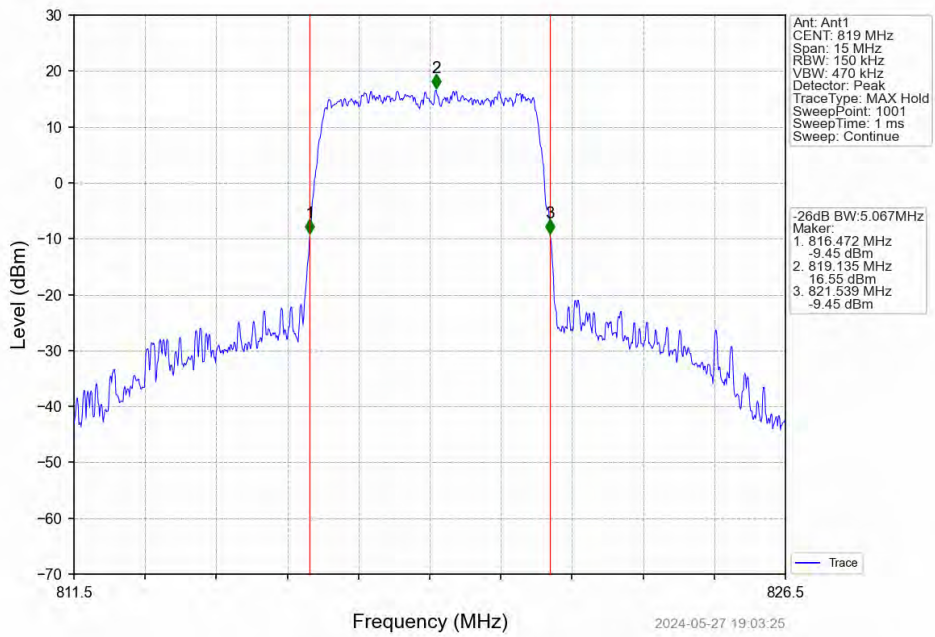
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



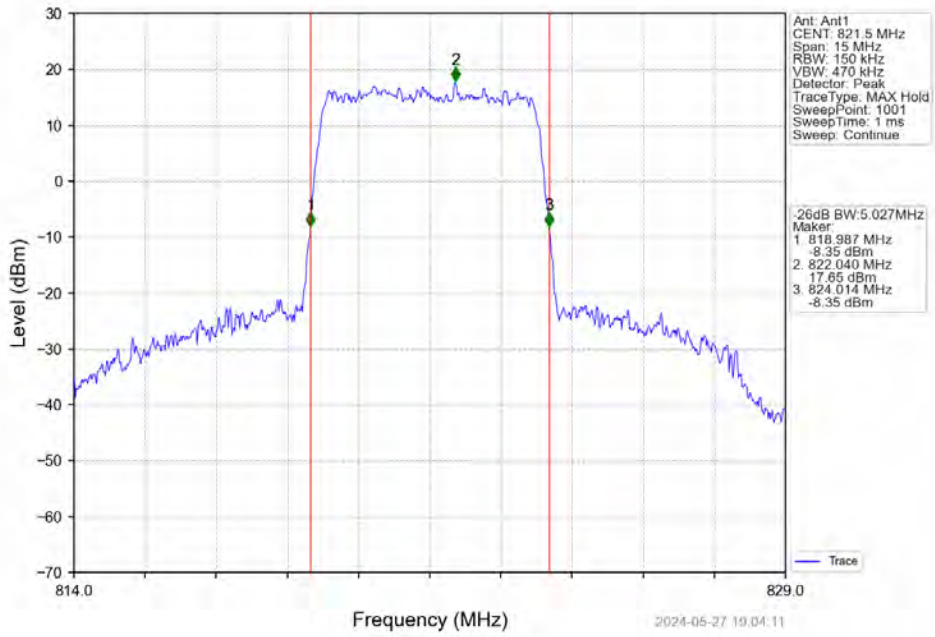
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



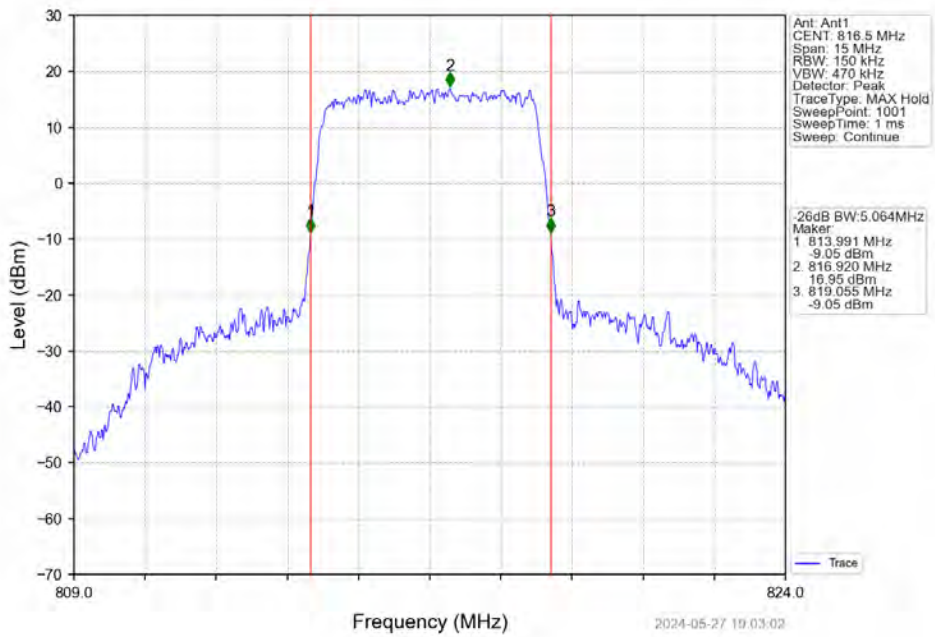
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



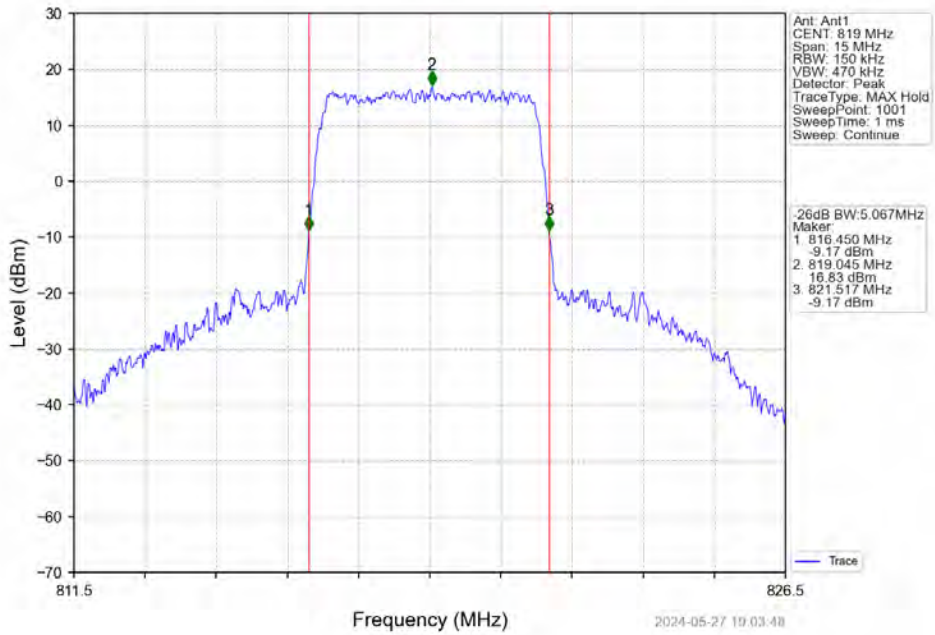
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



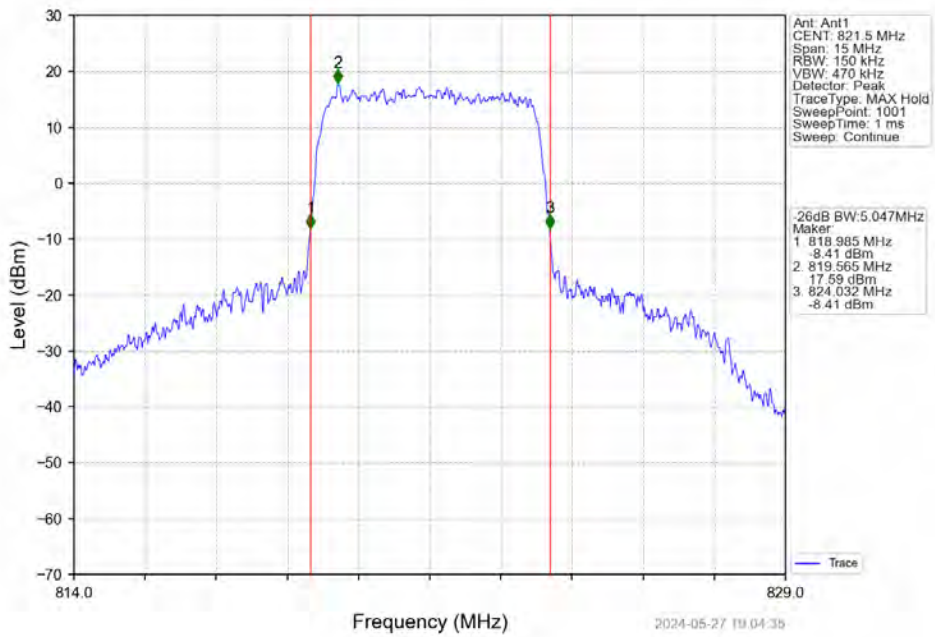
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



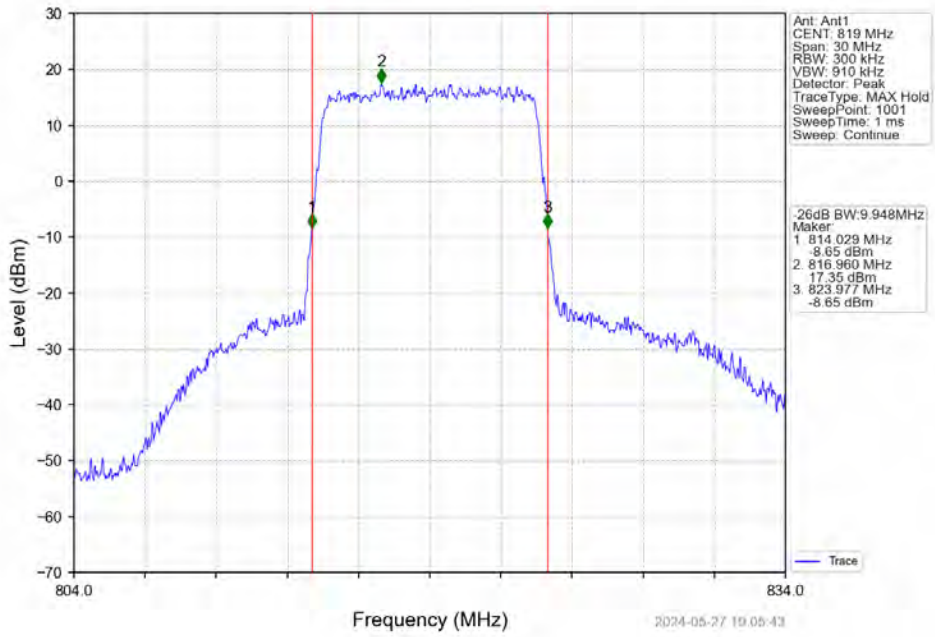
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



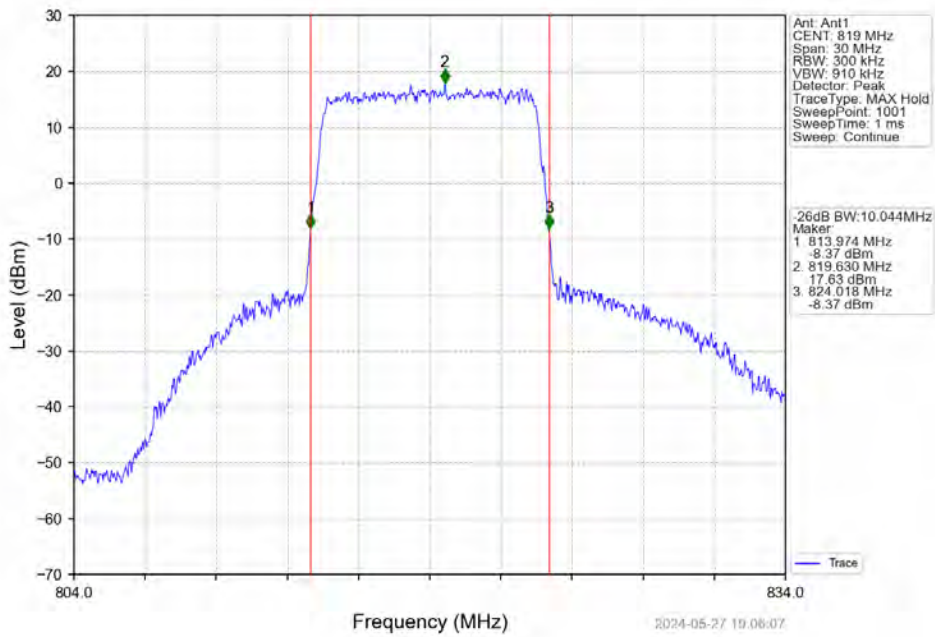
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



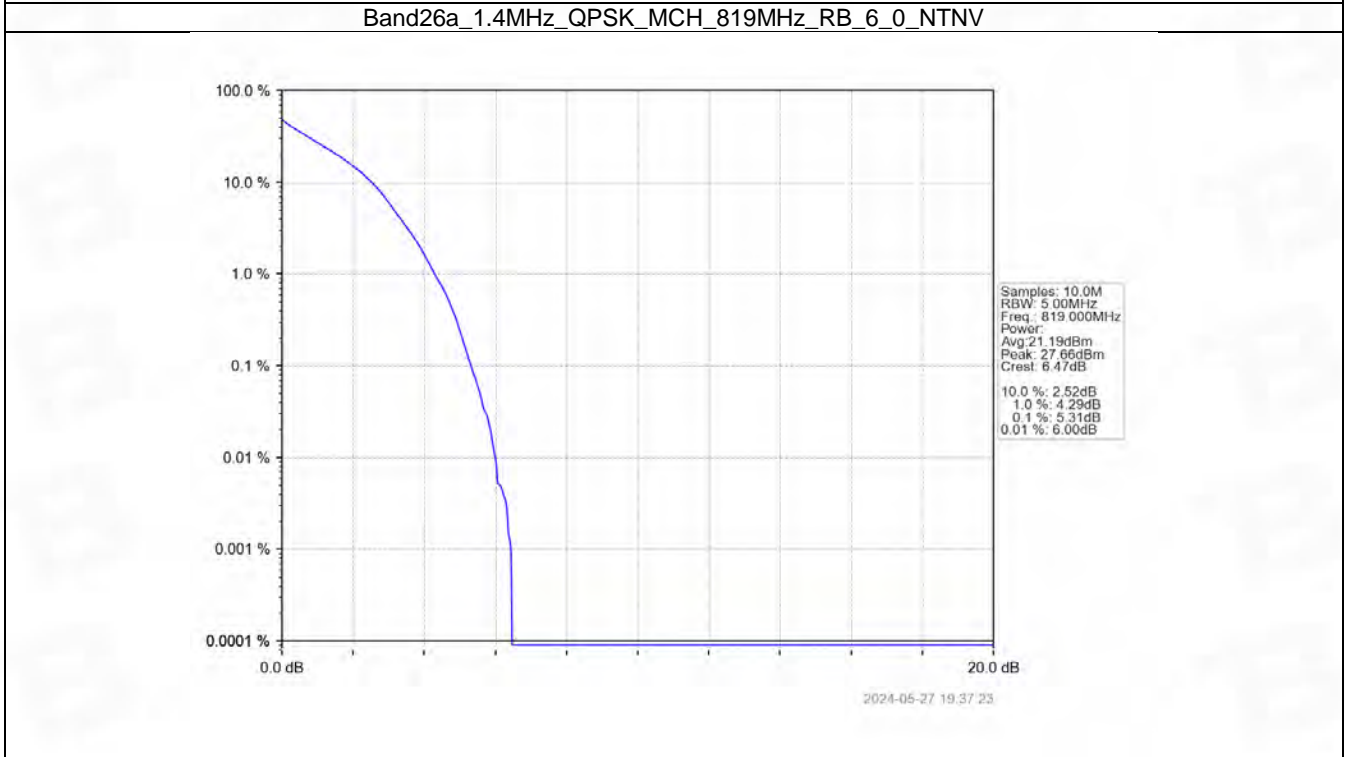
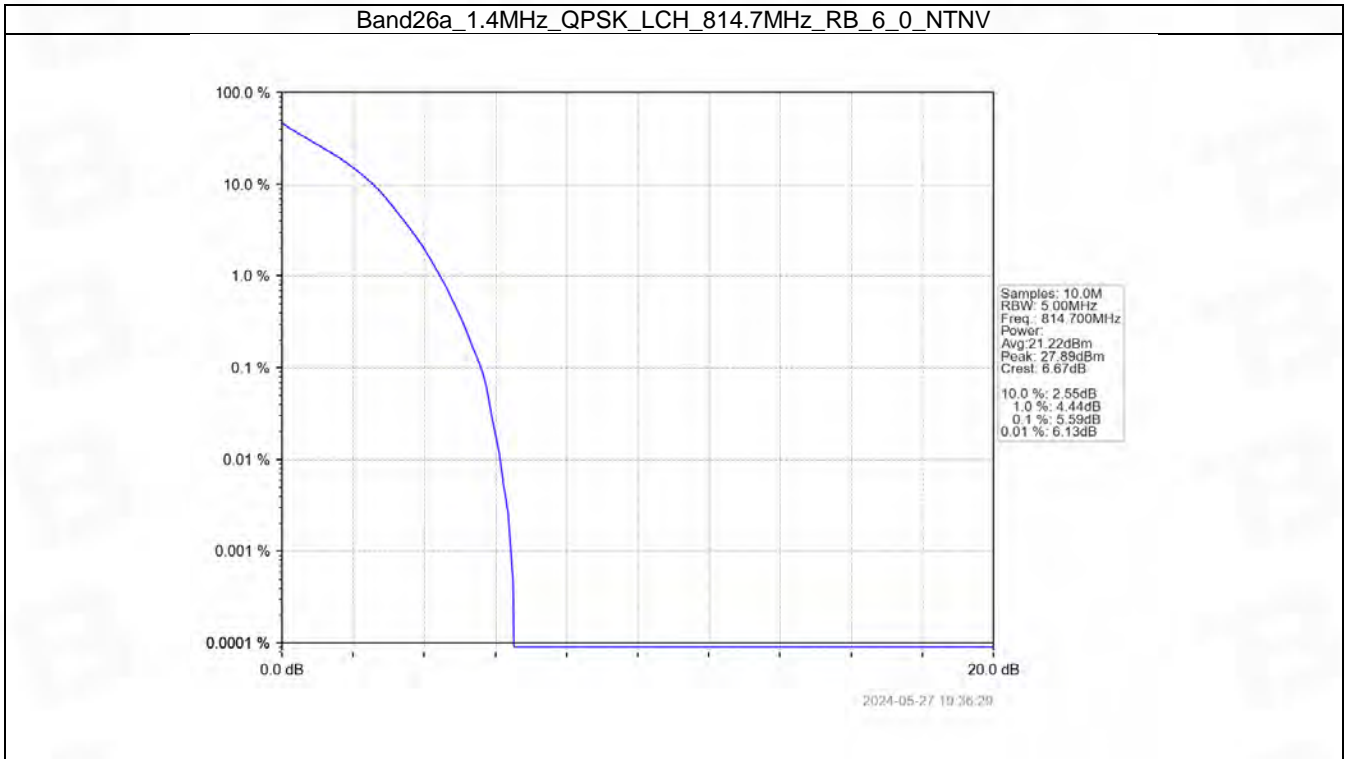
5. Peak-Average Ratio

5.1 B26a_1.4MHz

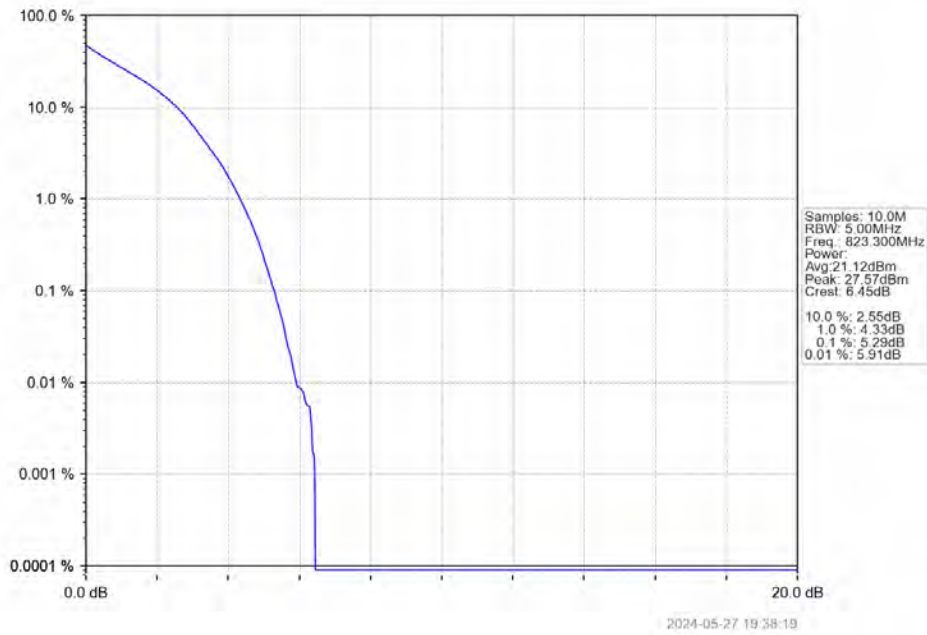
5.1.1 Test Result

| Band: 26a / Bandwidth: 1.4MHz / NTN | | | | | | |
|-------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 814.7 | 6 | 0 | 5.59 | <=13 | Pass |
| | 819 | 6 | 0 | 5.31 | <=13 | Pass |
| | 823.3 | 6 | 0 | 5.29 | <=13 | Pass |
| 16QAM | 814.7 | 6 | 0 | 6.19 | <=13 | Pass |
| | 819 | 6 | 0 | 5.82 | <=13 | Pass |
| | 823.3 | 6 | 0 | 5.65 | <=13 | Pass |

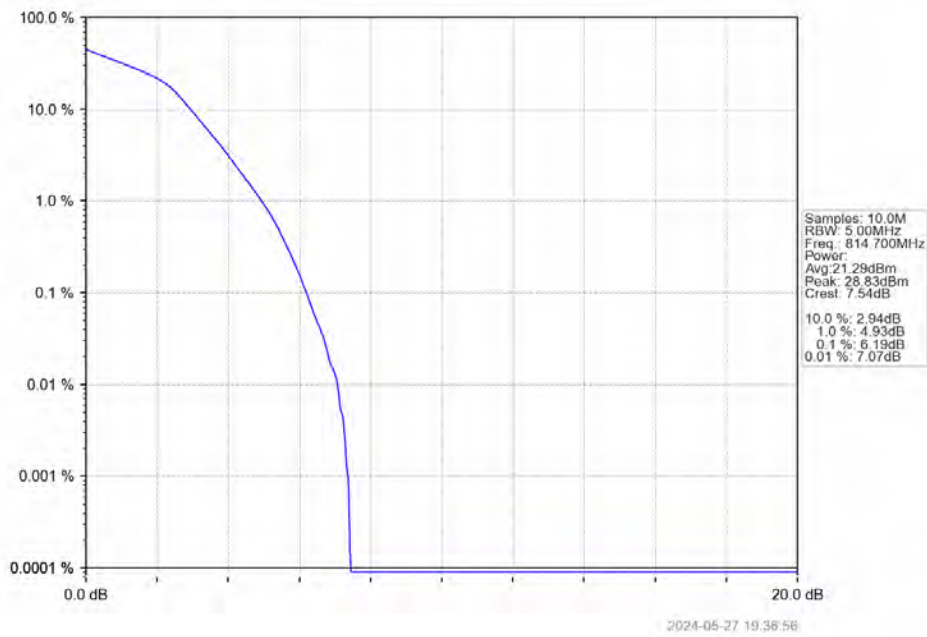
5.1.2 Test Graph



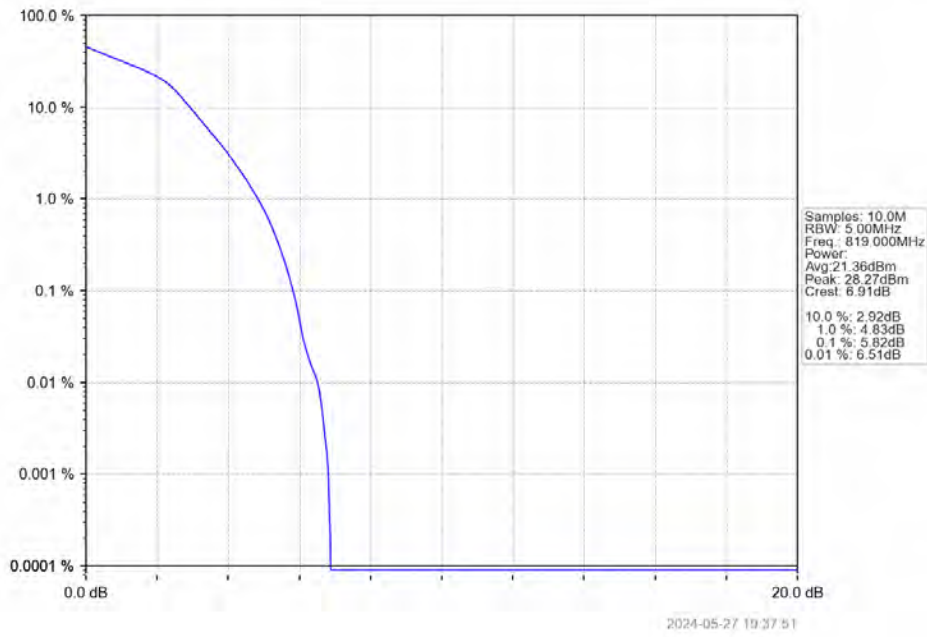
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



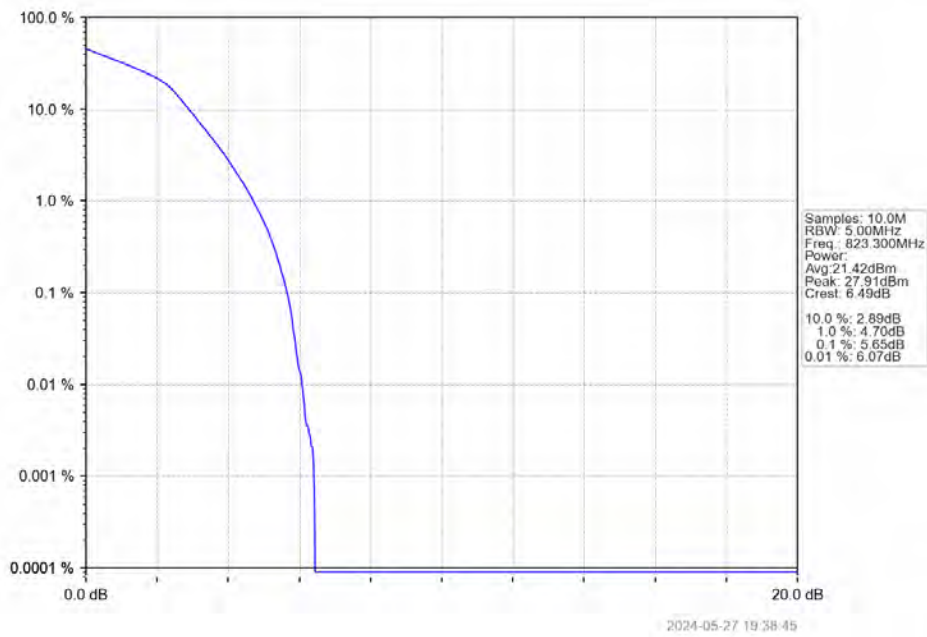
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

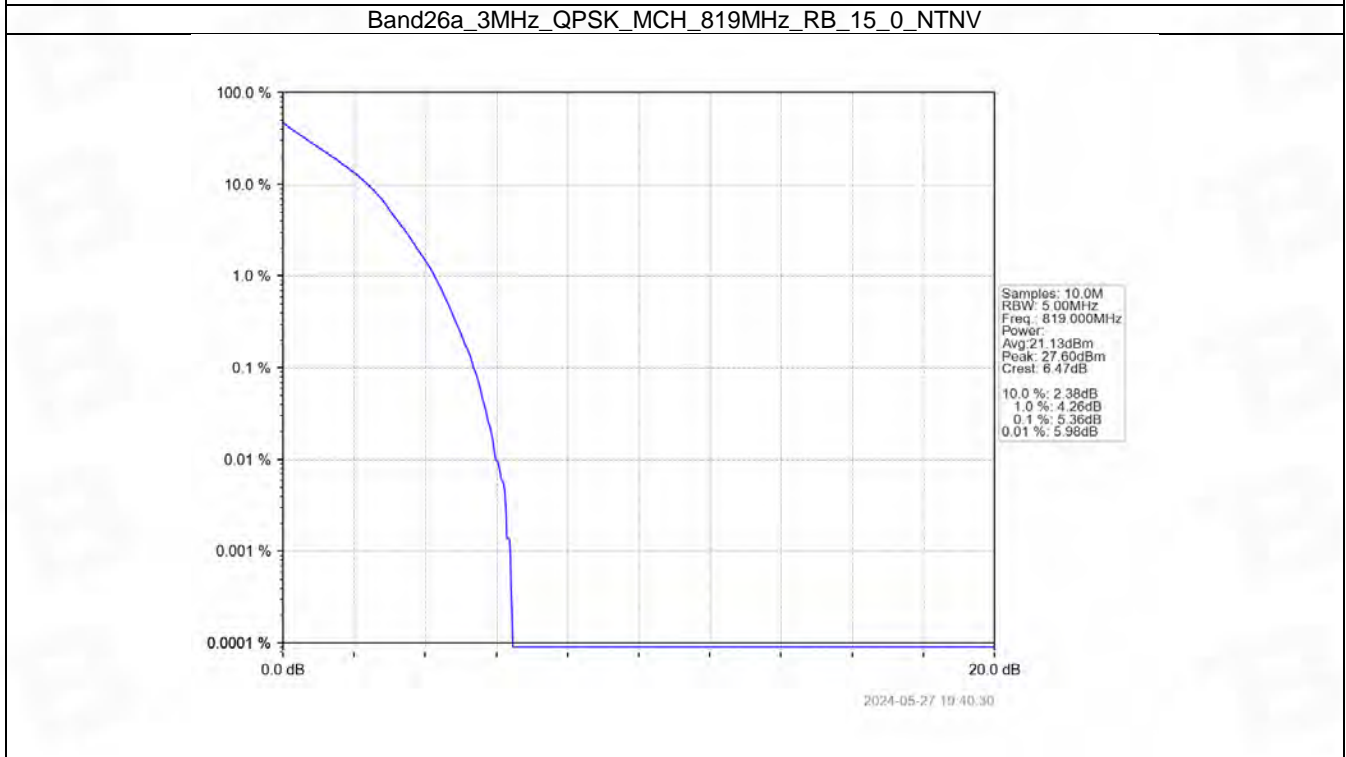
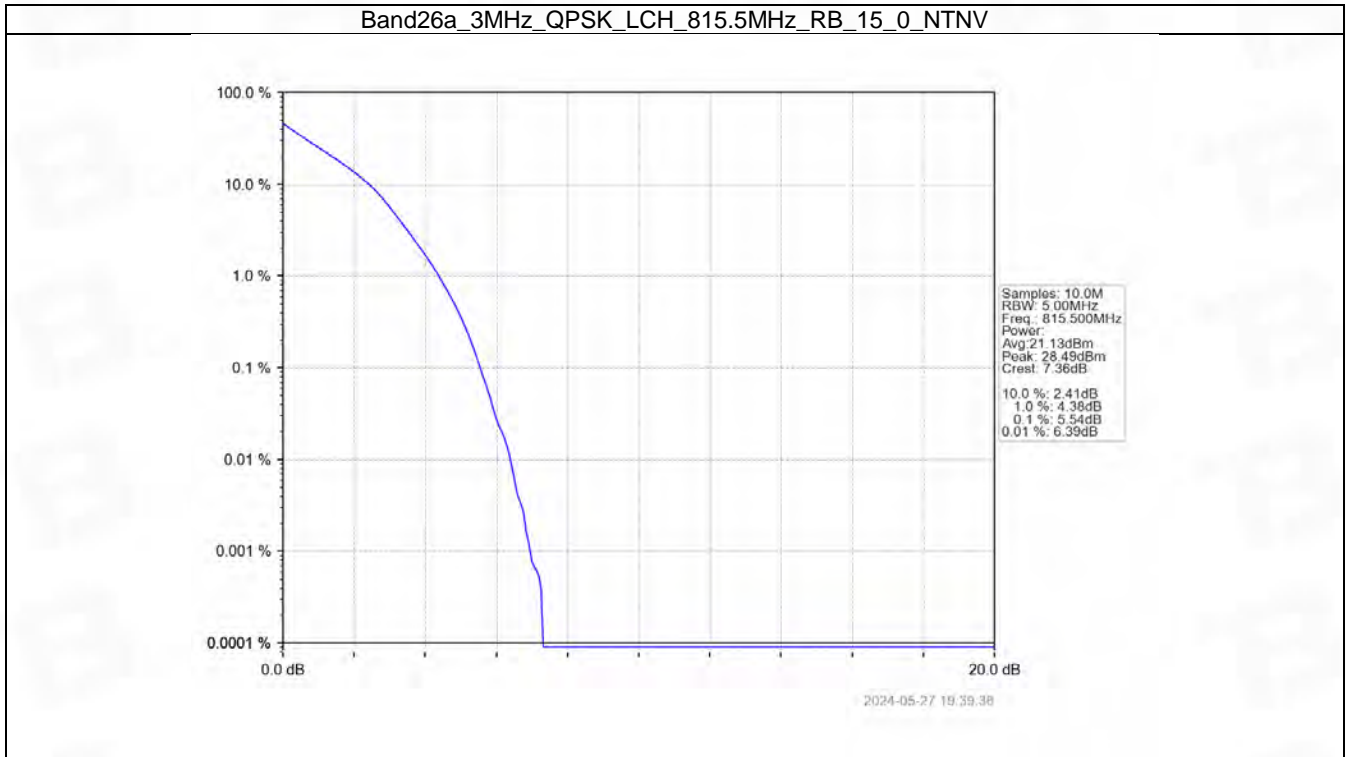


5.2 B26a_3MHz

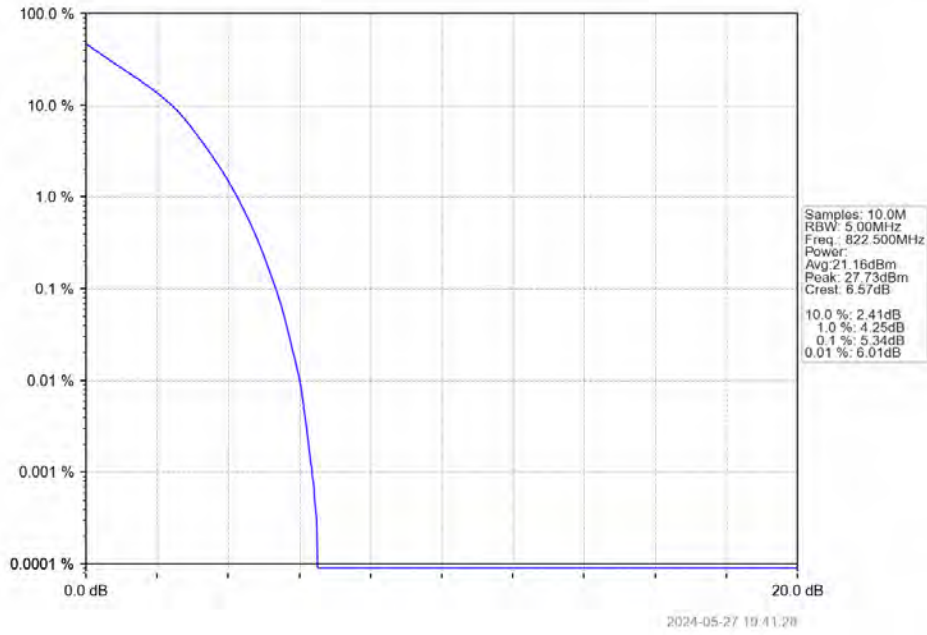
5.2.1 Test Result

| Band: 26a / Bandwidth: 3MHz / NTNV | | | | | | |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 815.5 | 15 | 0 | 5.54 | <=13 | Pass |
| | 819 | 15 | 0 | 5.36 | <=13 | Pass |
| | 822.5 | 15 | 0 | 5.34 | <=13 | Pass |
| 16QAM | 815.5 | 15 | 0 | 6.26 | <=13 | Pass |
| | 819 | 15 | 0 | 5.97 | <=13 | Pass |
| | 822.5 | 15 | 0 | 5.79 | <=13 | Pass |

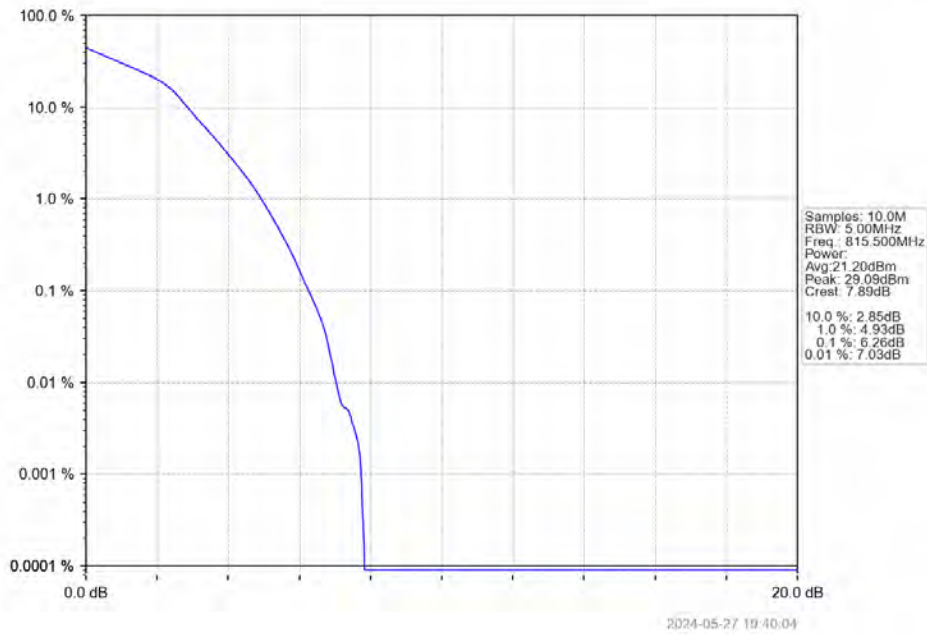
5.2.2 Test Graph



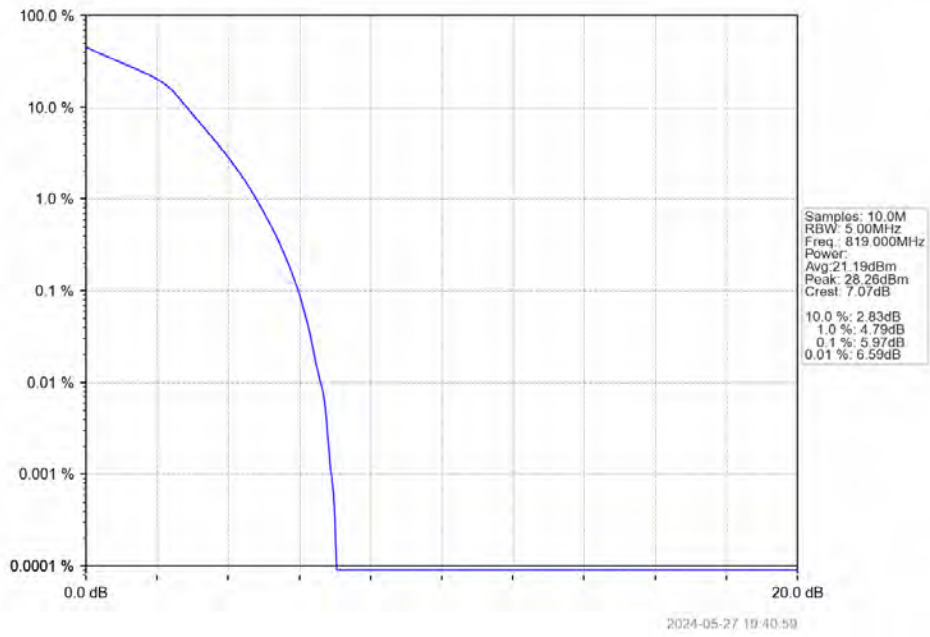
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



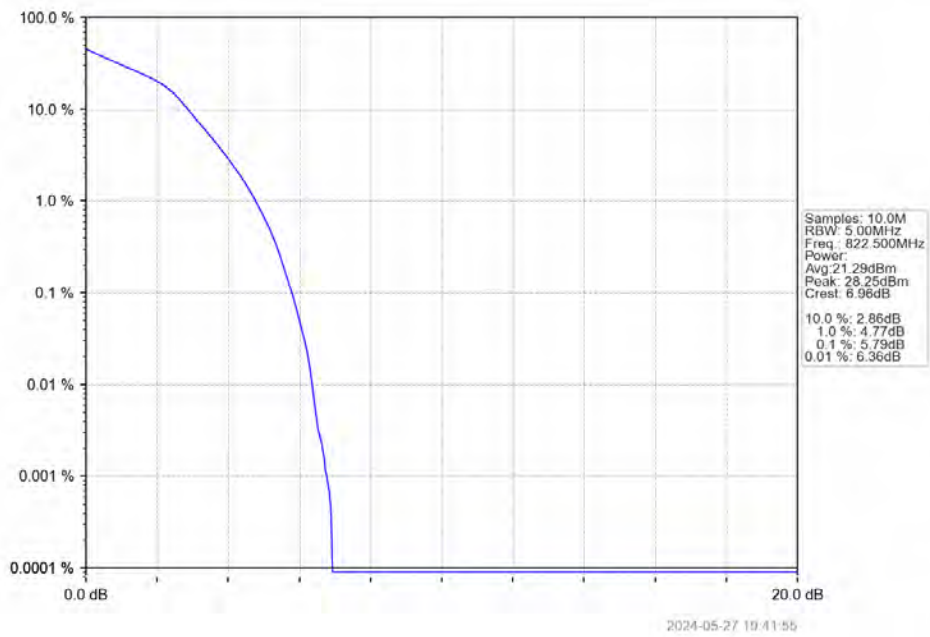
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV

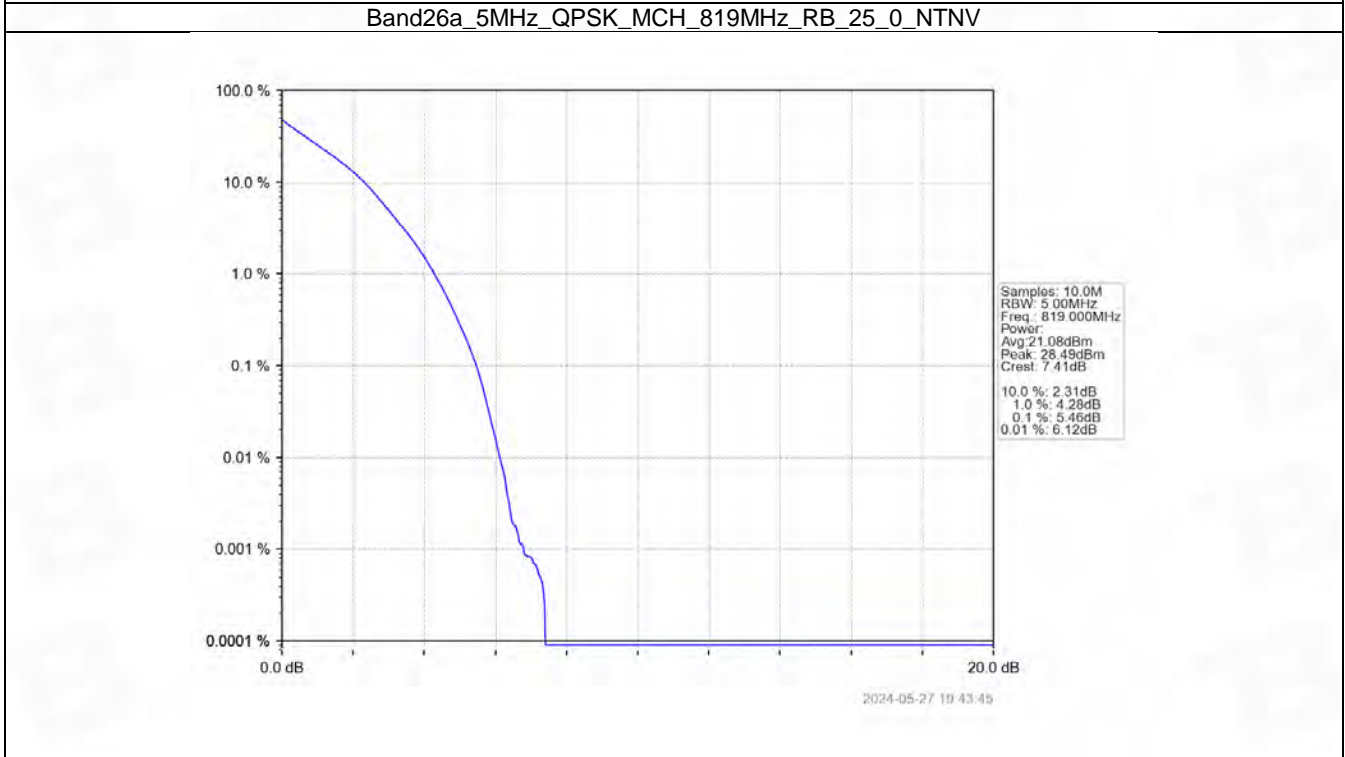
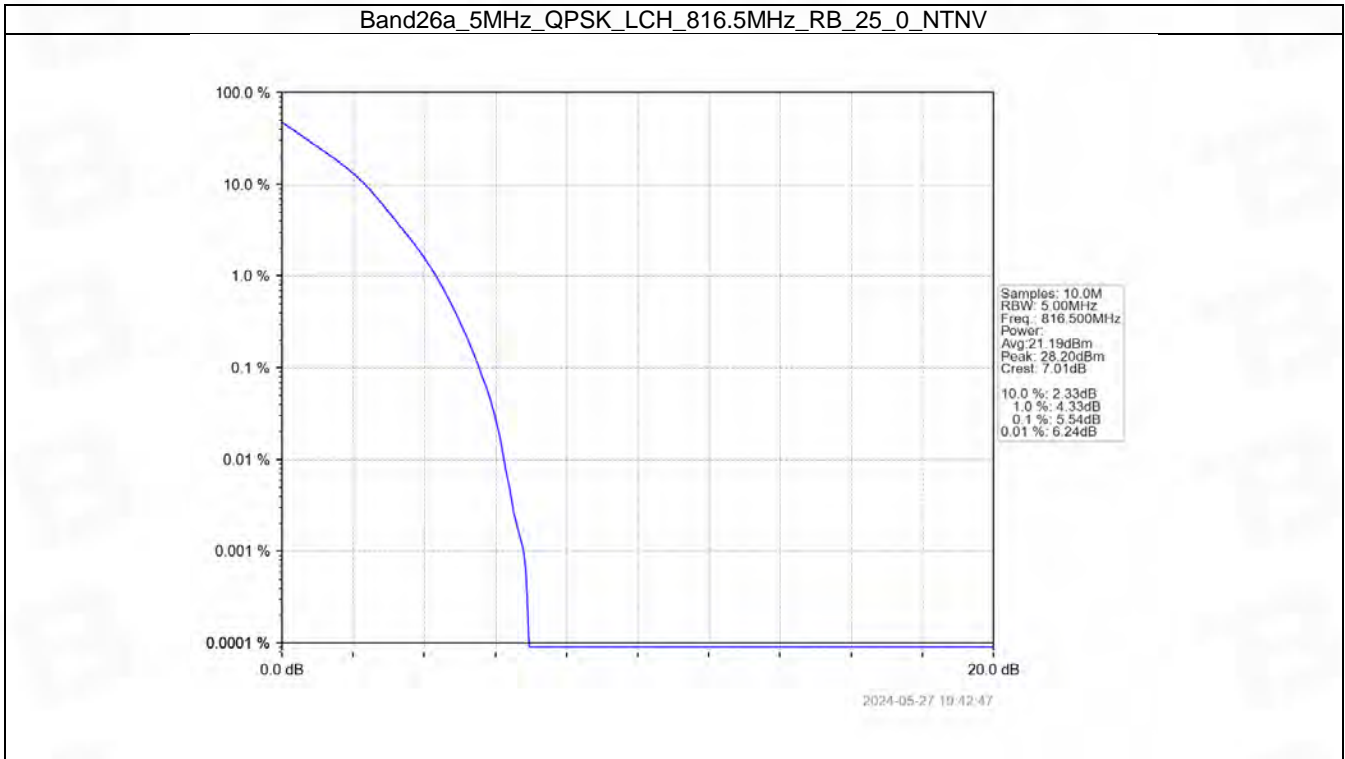


5.3 B26a_5MHz

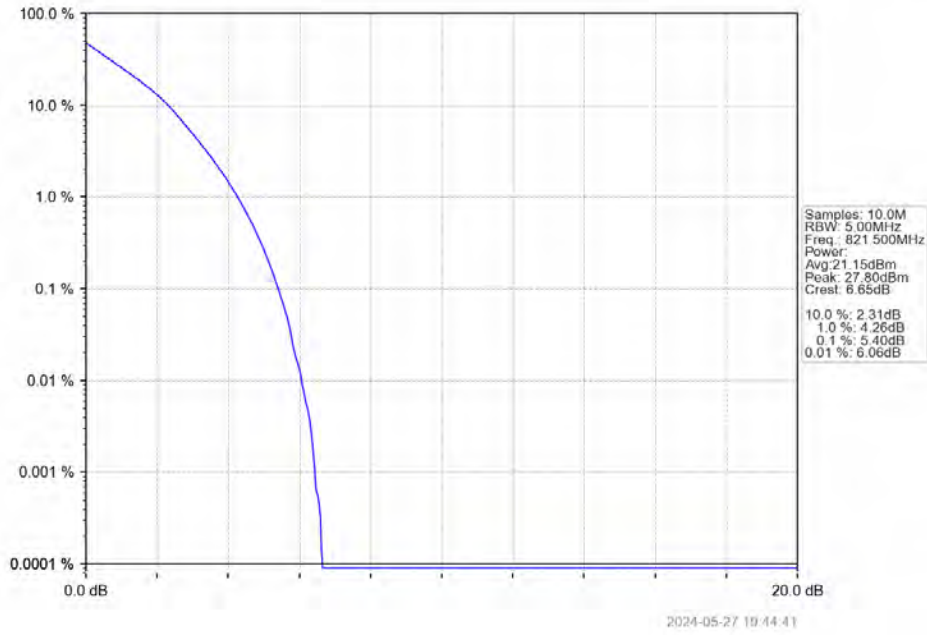
5.3.1 Test Result

| Band: 26a / Bandwidth: 5MHz / NTNV | | | | | | |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 816.5 | 25 | 0 | 5.54 | <=13 | Pass |
| | 819 | 25 | 0 | 5.46 | <=13 | Pass |
| | 821.5 | 25 | 0 | 5.40 | <=13 | Pass |
| 16QAM | 816.5 | 25 | 0 | 6.19 | <=13 | Pass |
| | 819 | 25 | 0 | 6.00 | <=13 | Pass |
| | 821.5 | 25 | 0 | 5.90 | <=13 | Pass |

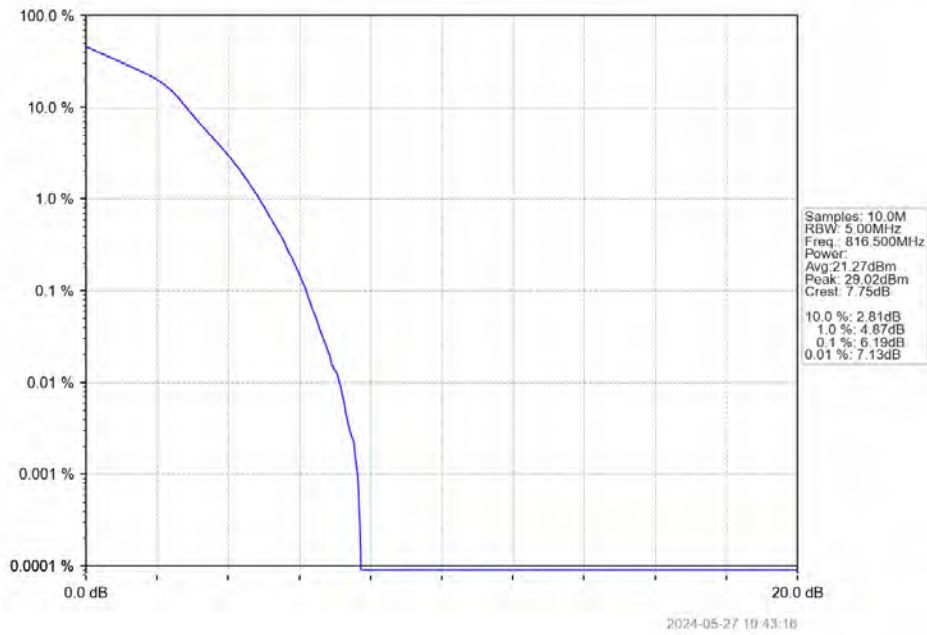
5.3.2 Test Graph



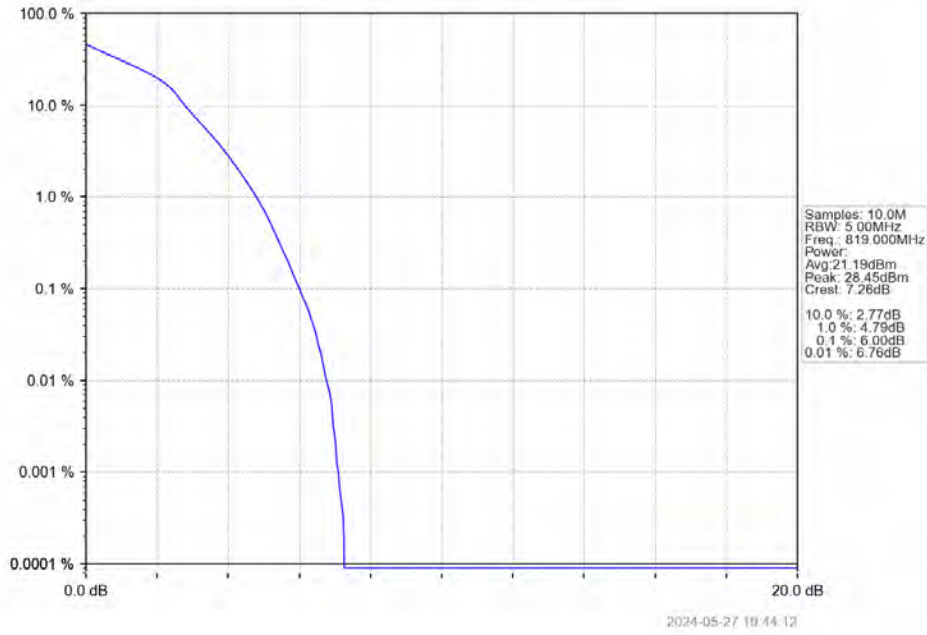
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



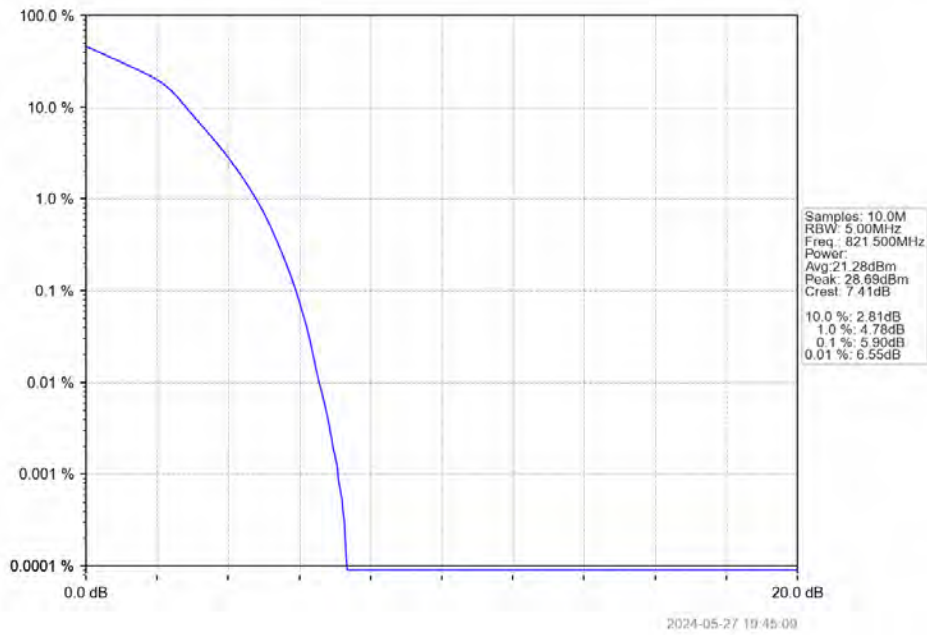
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV

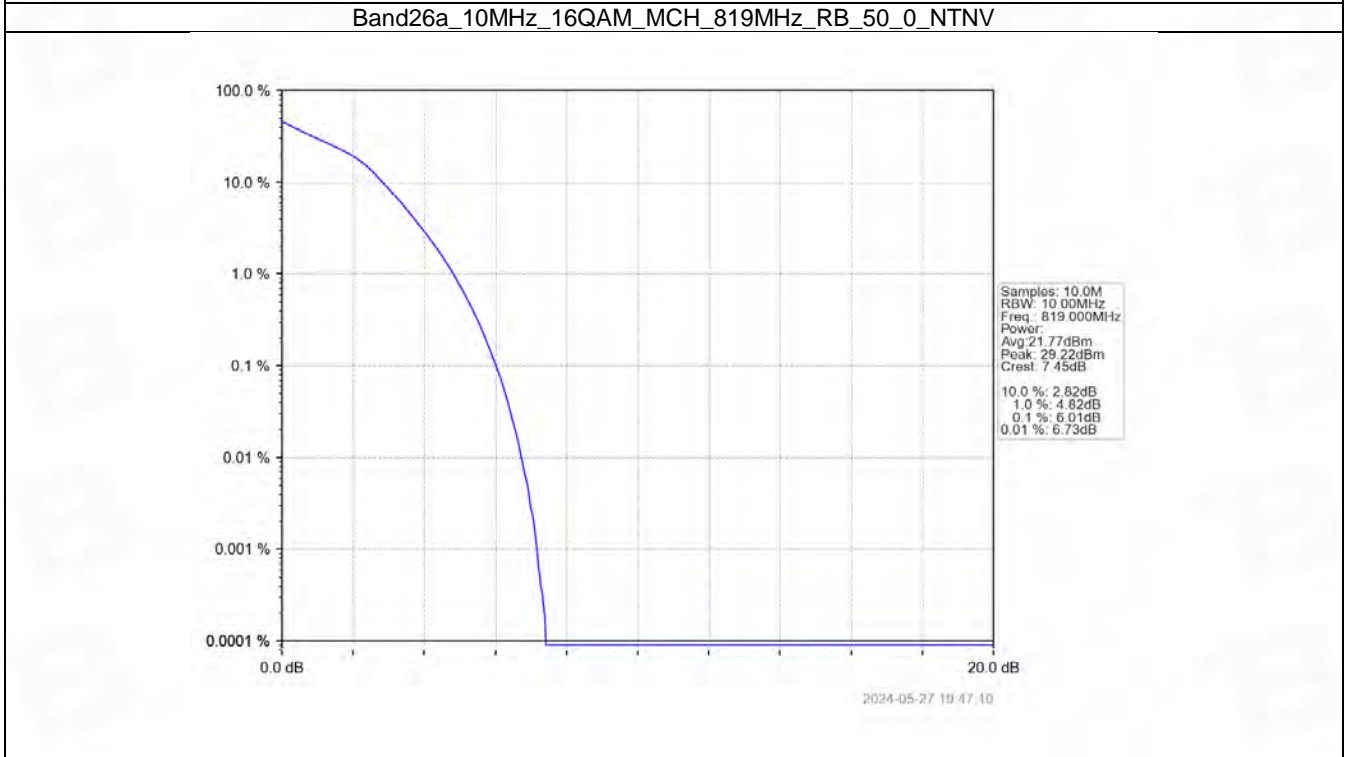
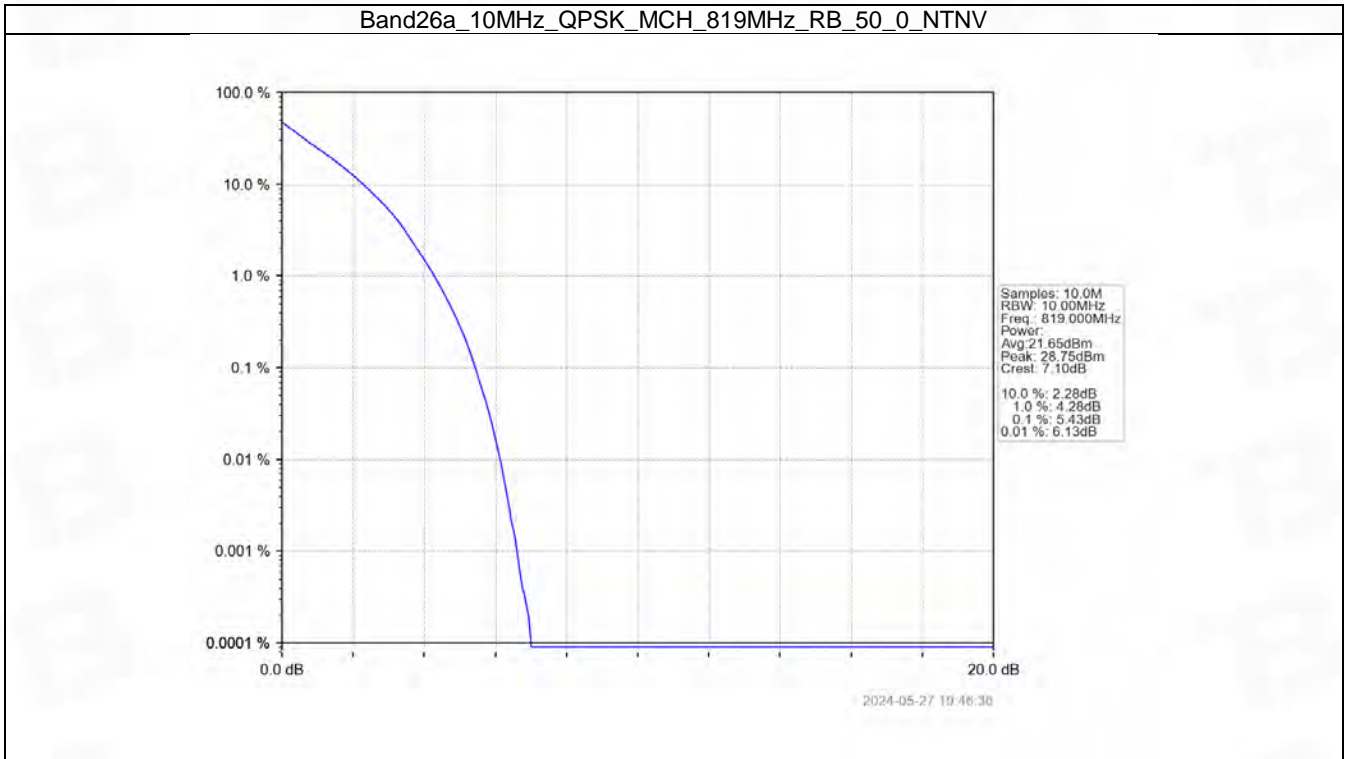


5.4 B26a_10MHz

5.4.1 Test Result

| Band: 26a / Bandwidth: 10MHz / NTN | | | | | | |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 819 | 50 | 0 | 5.43 | <=13 | Pass |
| 16QAM | 819 | 50 | 0 | 6.01 | <=13 | Pass |

5.4.2 Test Graph



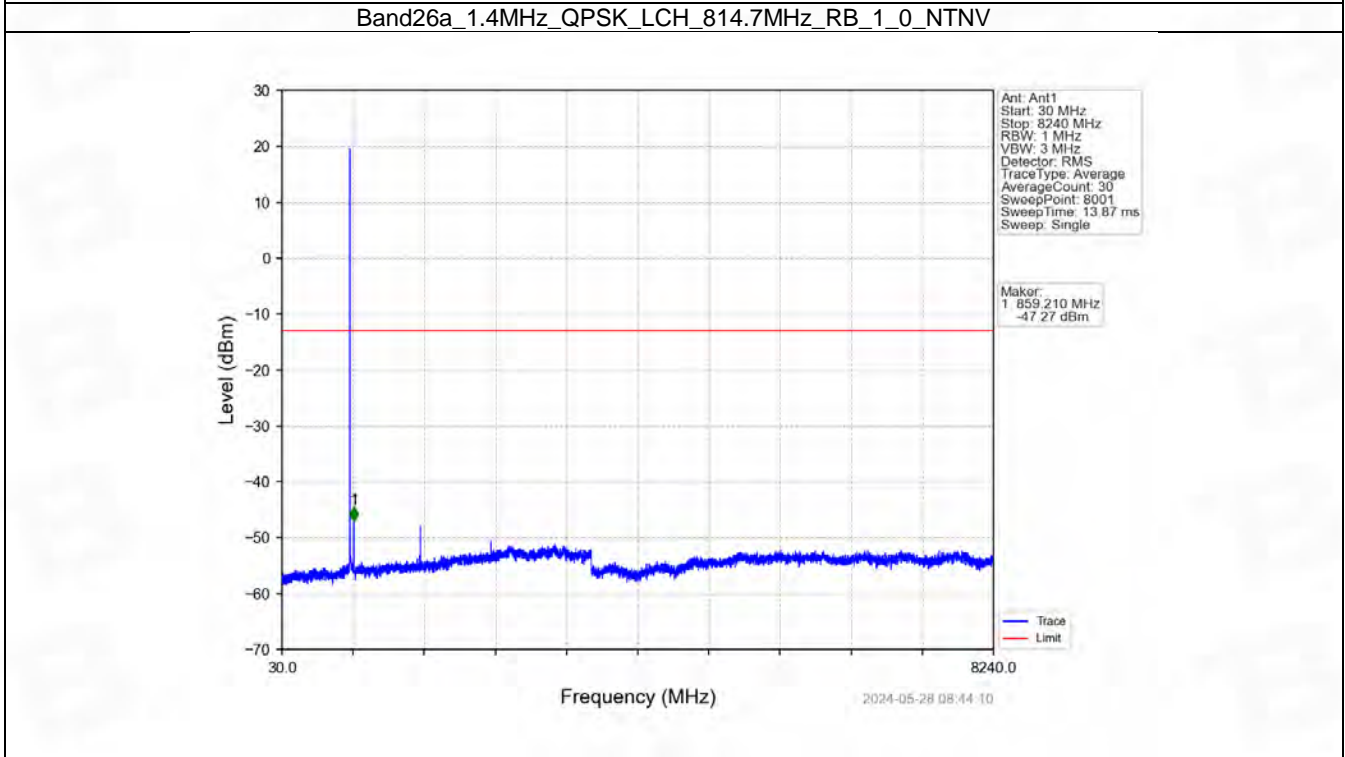
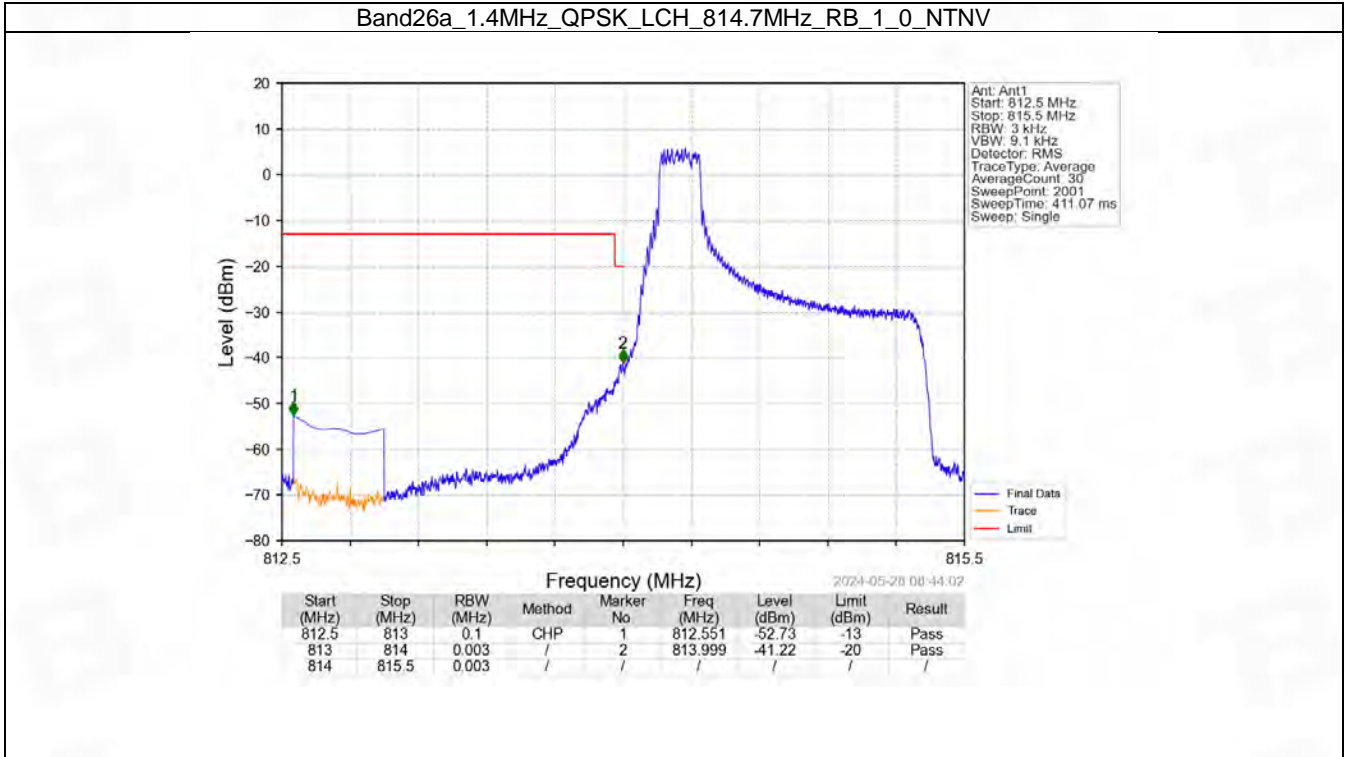
6. Spurious Emission

6.1 B26a_1.4MHz

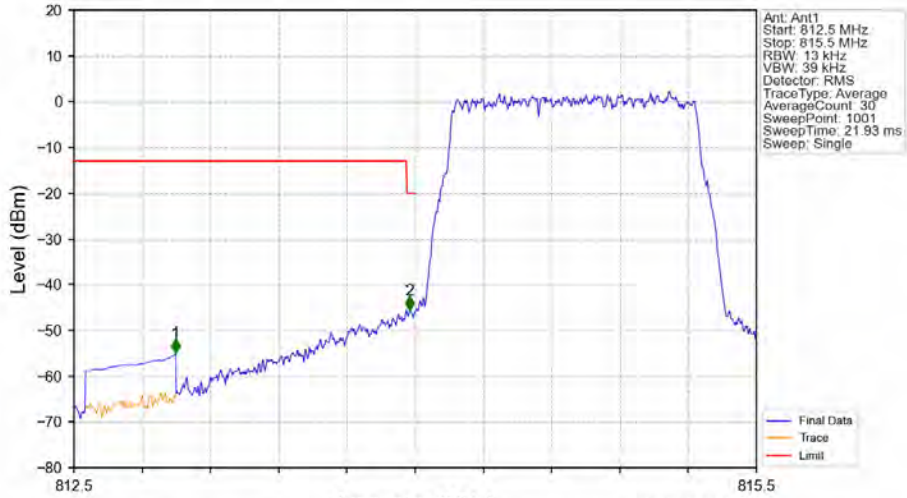
6.1.1 Test Result

| Band: 26a / Bandwidth: 1.4MHz / NTN | | | | | | |
|-------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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 |
| | 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 |
| | 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 Test Graph

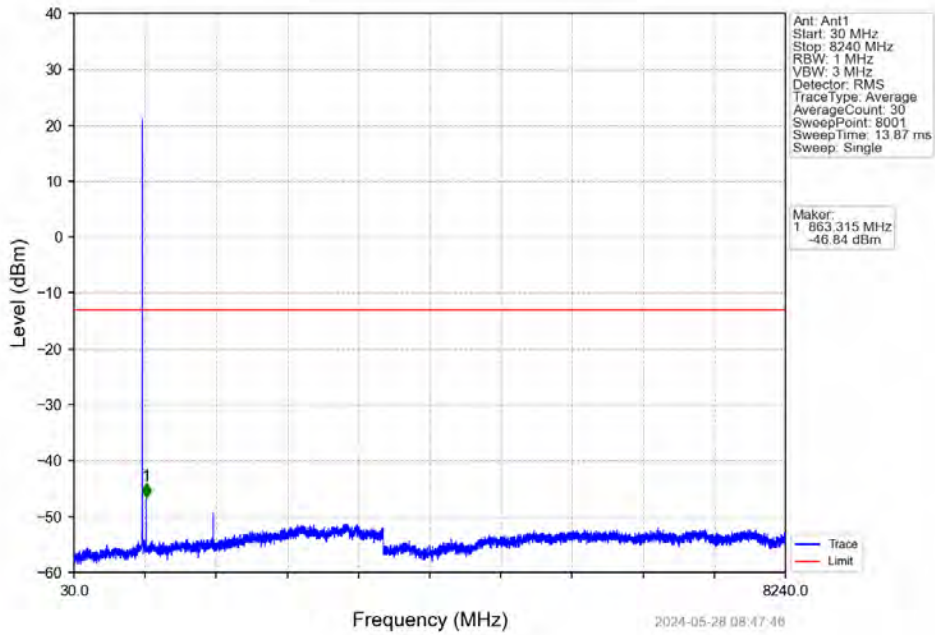


Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



| 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 | -55.02 | -13 | Pass |
| 813 | 814 | 0.013 | / | 2 | 813.976 | -45.68 | -20 | Pass |
| 814 | 815.5 | 0.013 | / | / | / | / | / | / |

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV

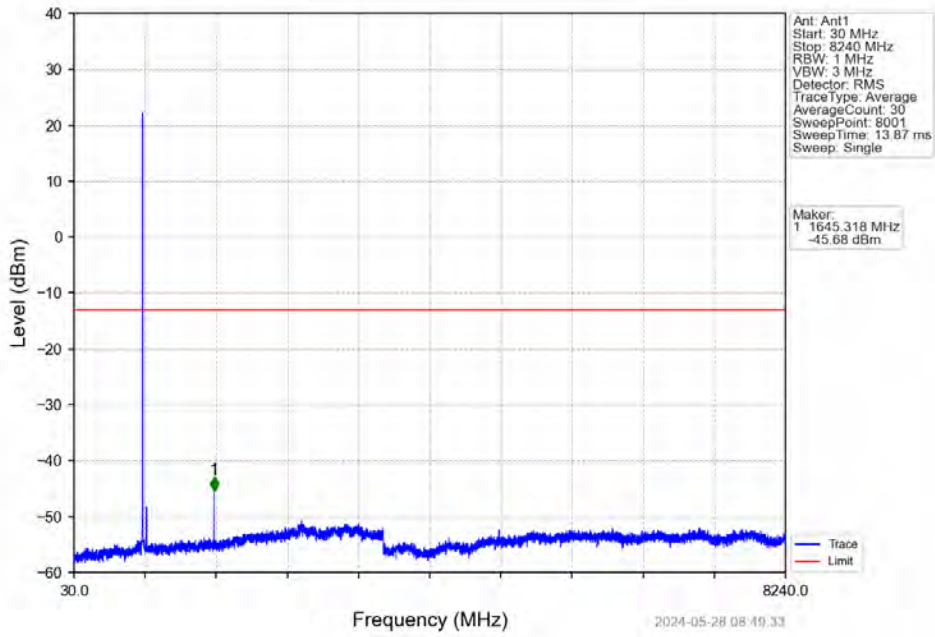


Ant: Ant1
 Start: 30 MHz
 Stop: 8240 MHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 TraceType: Average
 AverageCount: 30
 SweepPoint: 8001
 SweepTime: 13.87 ms
 Sweep: Single

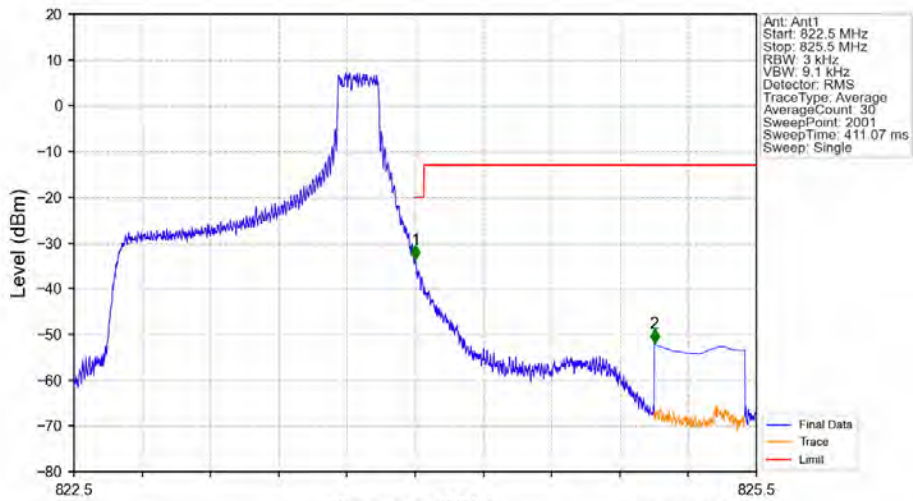
Marker
 1 863.315 MHz
 -46.64 dBm

2024-05-28 08:47:46

Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV

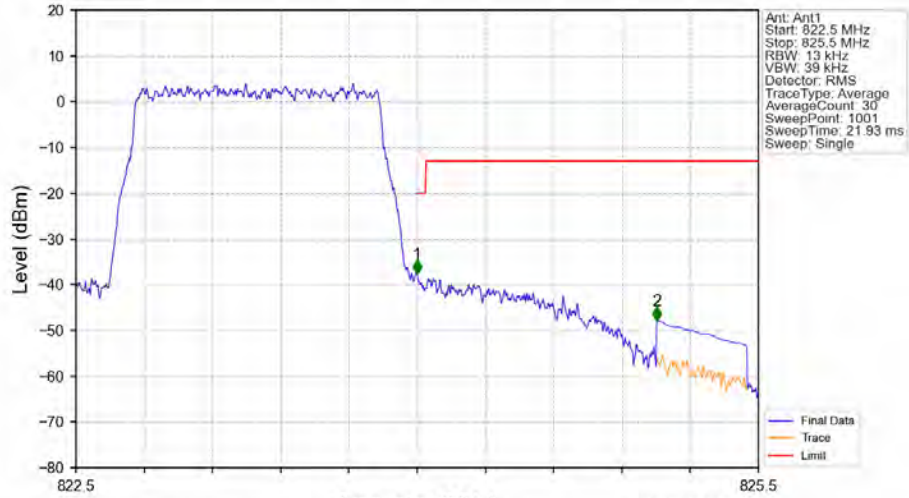


Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_5_NTNV



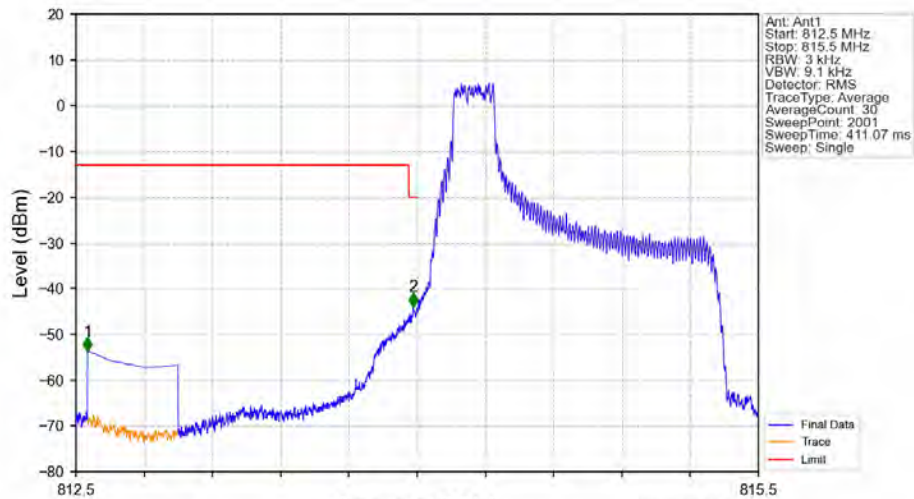
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 822.5 | 824 | 0.003 | / | 1 | 824.001 | -33.68 | -20 | Pass |
| 824 | 825 | 0.003 | / | 2 | 825.052 | -52.03 | -13 | Pass |

Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



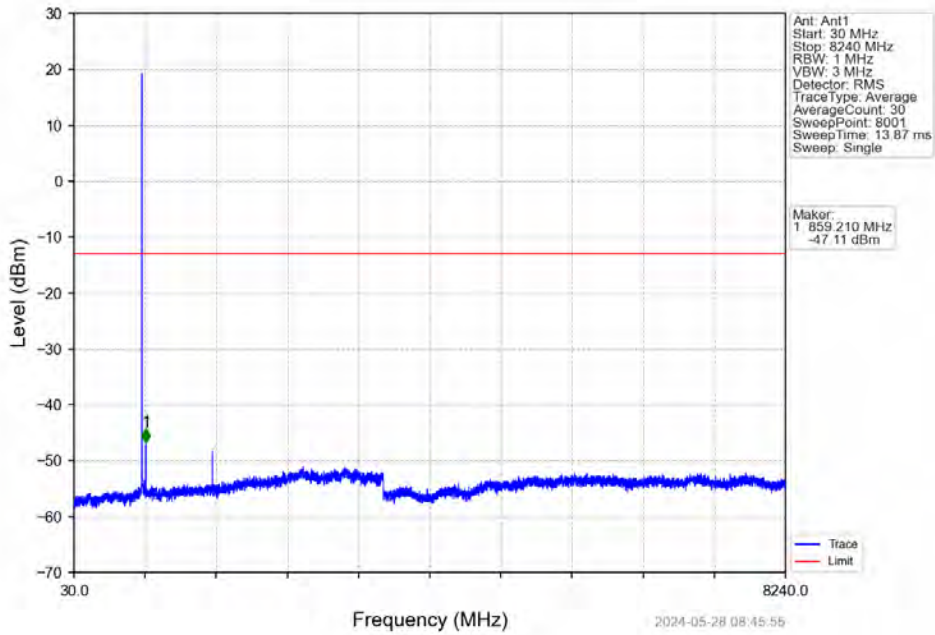
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 822.5 | 824 | 0.013 | / | / | / | / | / | / |
| 824 | 825 | 0.013 | / | 1 | 824.000 | -37.68 | -20 | Pass |
| 825 | 825.5 | 0.1 | CHP | 2 | 825.053 | -47.93 | -13 | Pass |

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV

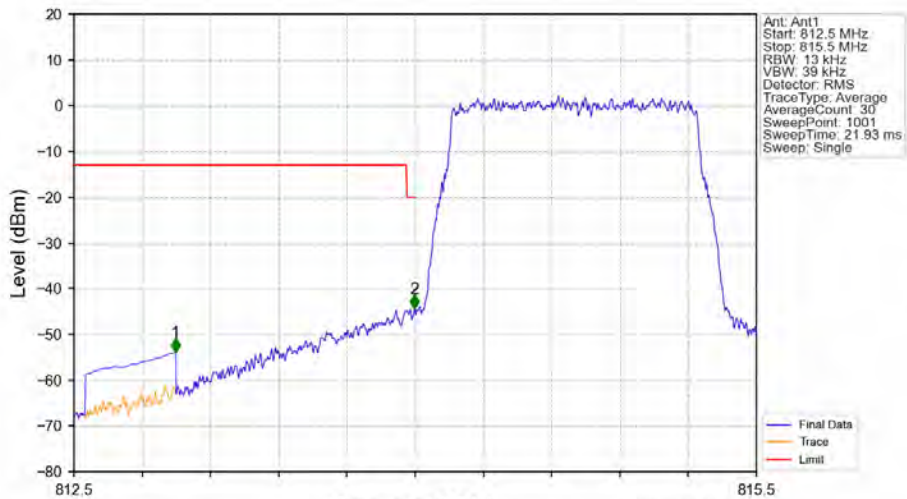


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 812.5 | 813 | 0.1 | CHP | 1 | 812.551 | -53.69 | -13 | Pass |
| 813 | 814 | 0.003 | / | 2 | 813.982 | -43.93 | -20 | Pass |
| 814 | 815.5 | 0.003 | / | / | / | / | / | / |

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV

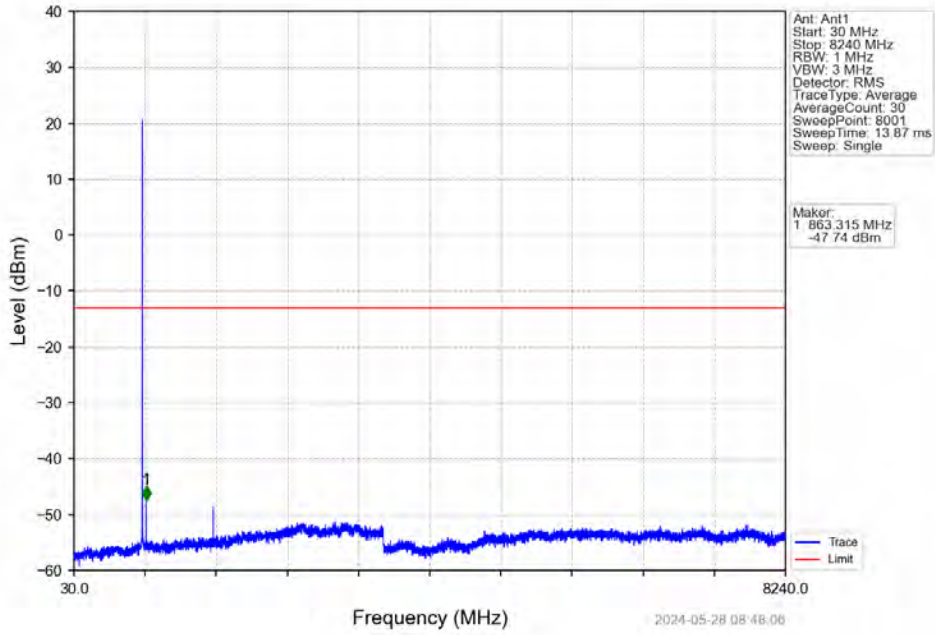


Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV

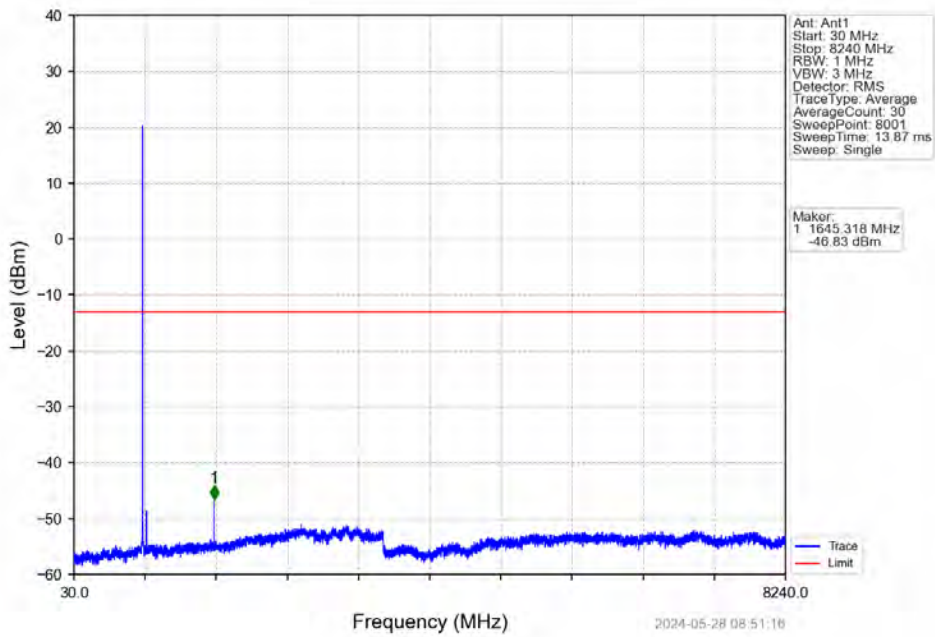


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 812.5 | 813 | 0.1 | CHP | 1 | 812.947 | -53.94 | -13 | Pass |
| 813 | 814 | 0.013 | / | 2 | 813.997 | -44.39 | -20 | Pass |
| 814 | 815.5 | 0.013 | / | / | / | / | / | / |

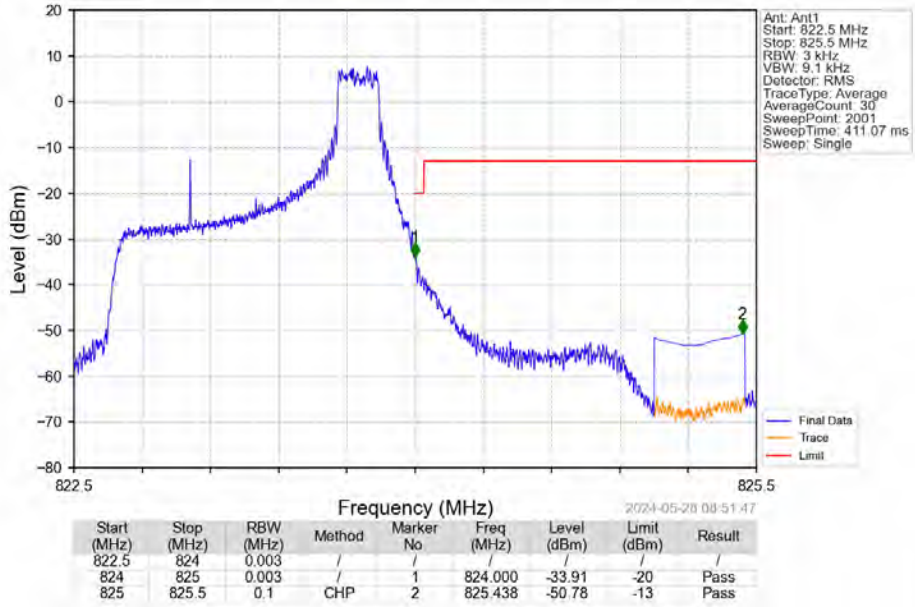
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_1_0_NTNV



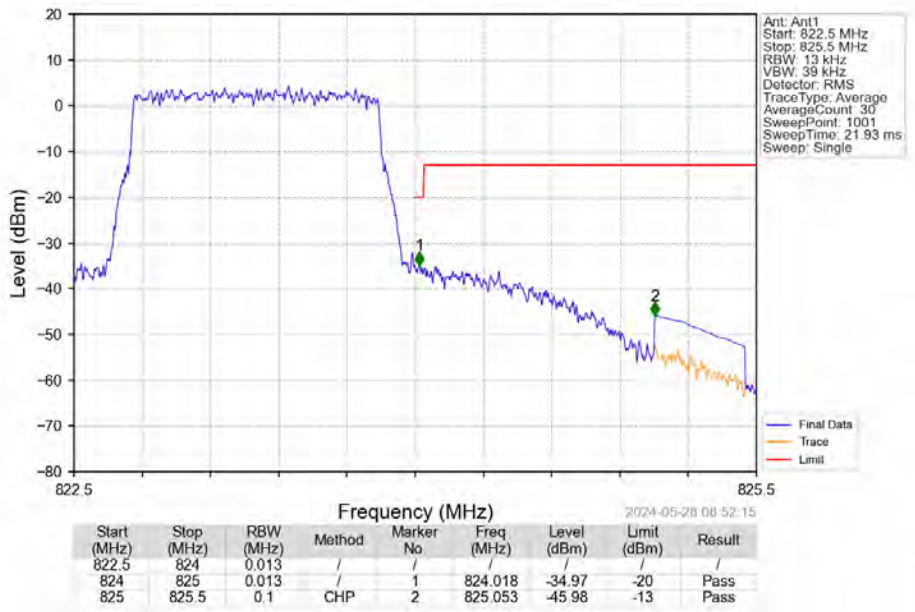
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_1_0_NTNV



Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_1_5_NTNV



Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

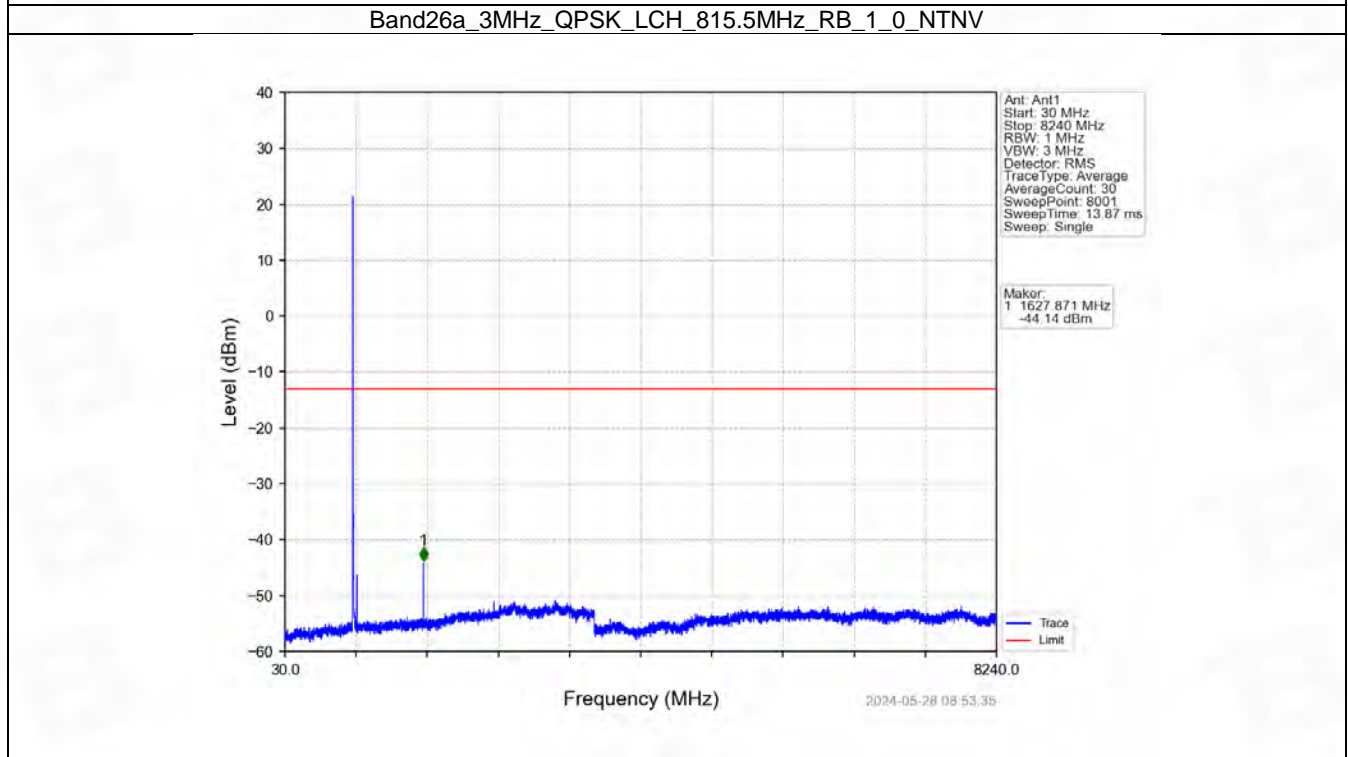
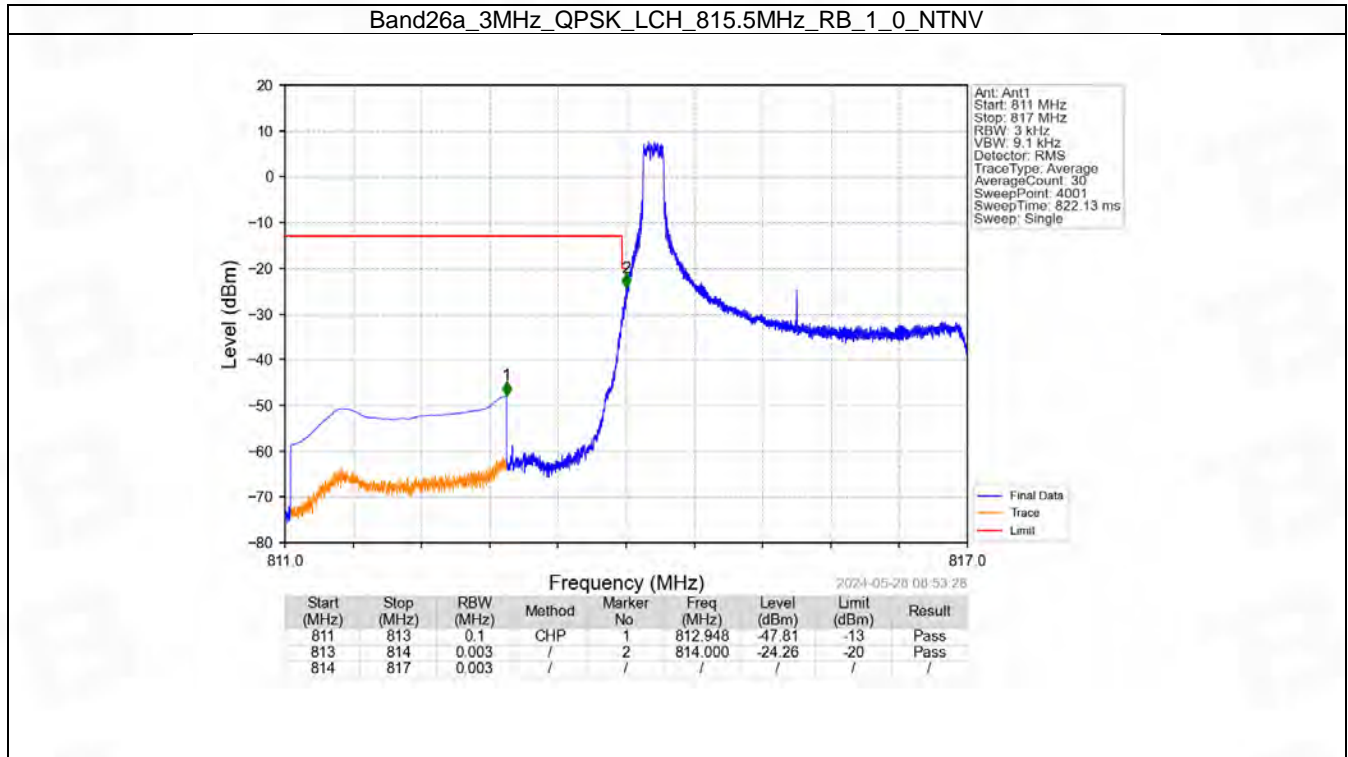


6.2 B26a_3MHz

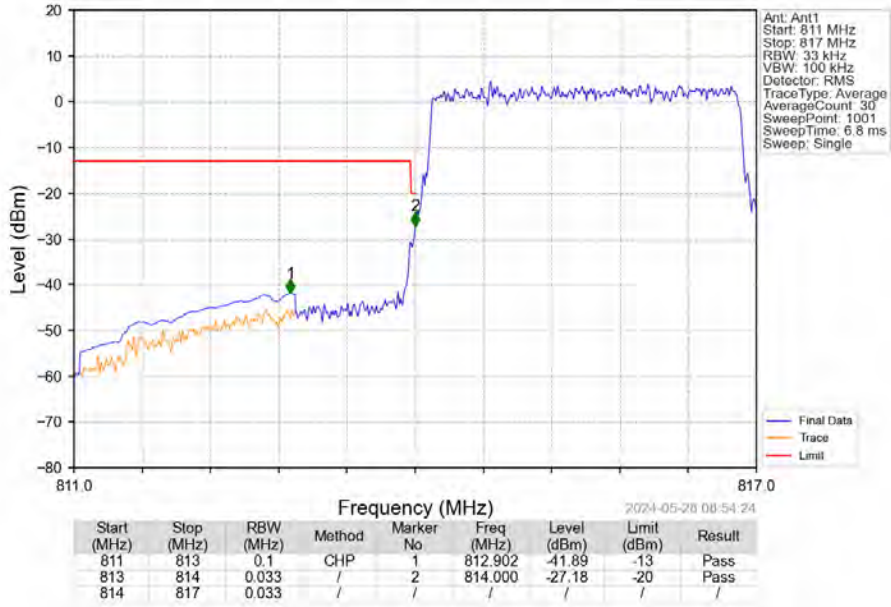
6.2.1 Test Result

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

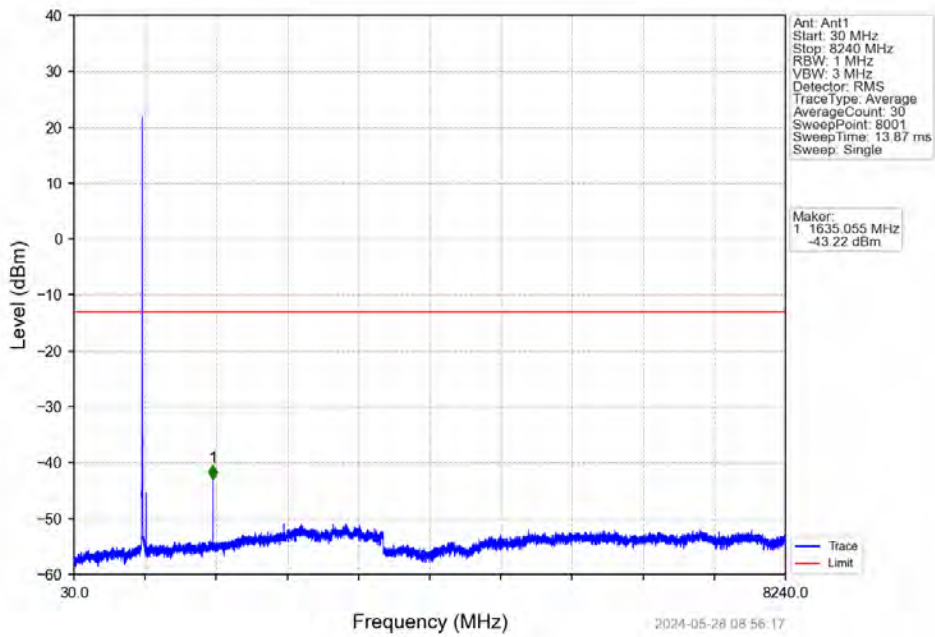
6.2.2 Test Graph



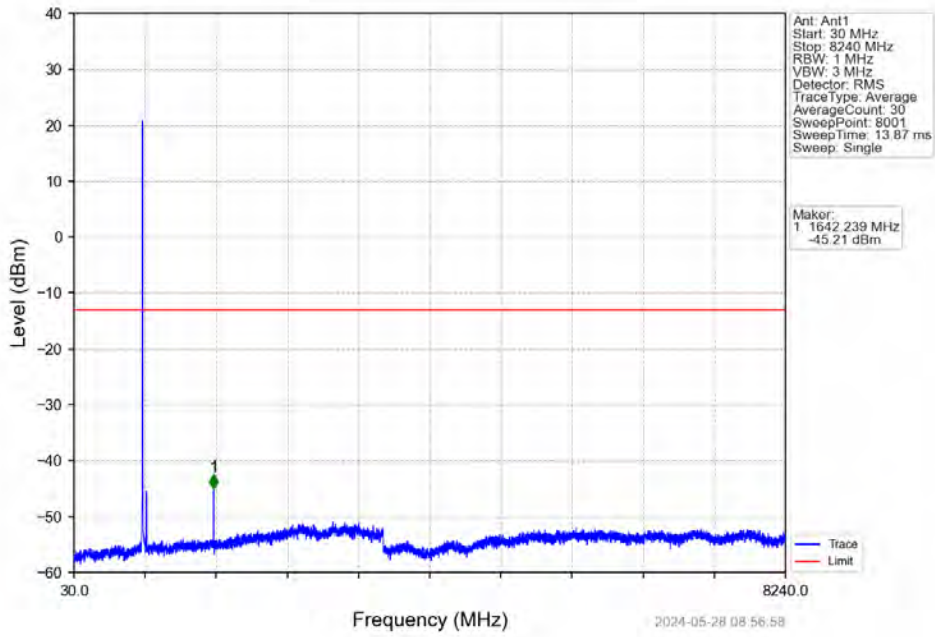
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



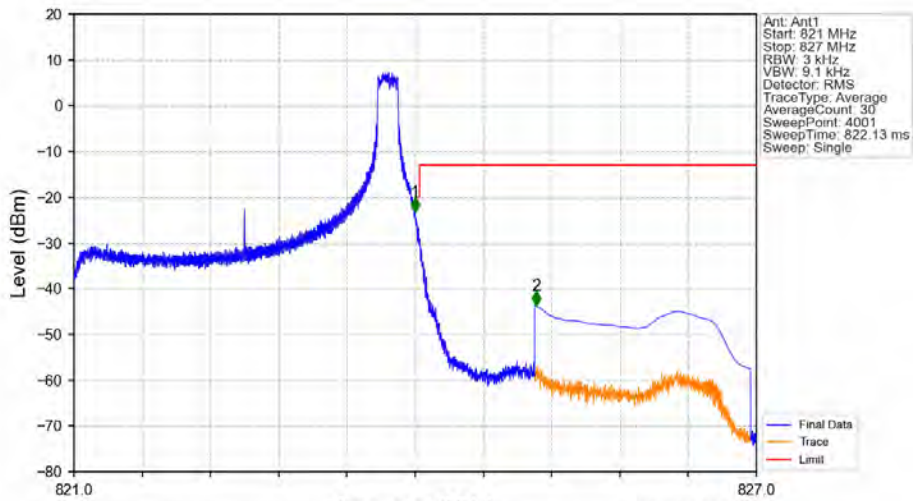
Band26a_3MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_0_NTNV

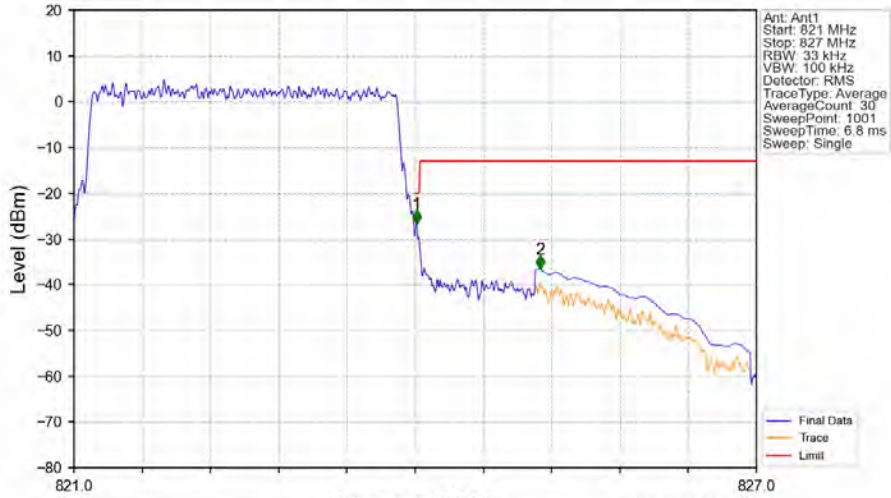


Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_14_NTNV



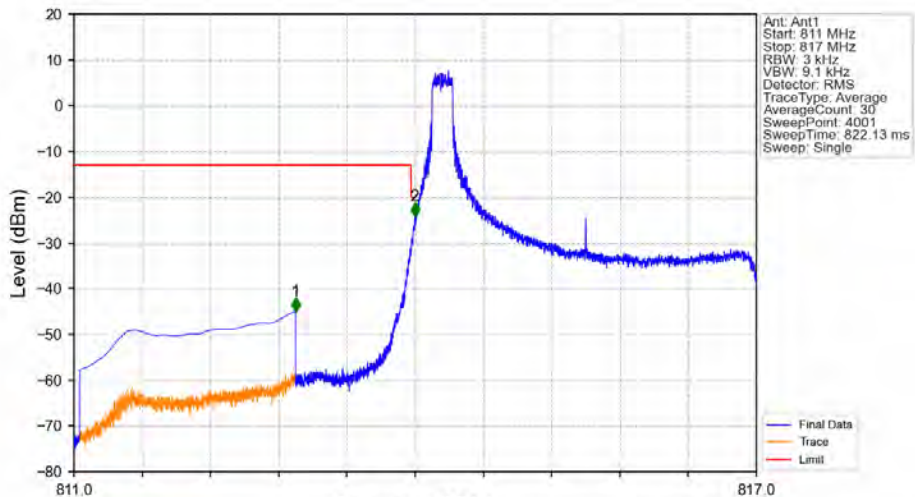
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 821 | 824 | 0.003 | / | 1 | 824.000 | -23.28 | -20 | Pass |
| 824 | 825 | 0.003 | / | 1 | 824.000 | -23.28 | -20 | Pass |
| 825 | 827 | 0.1 | CHP | 2 | 825.063 | -43.70 | -13 | Pass |

Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



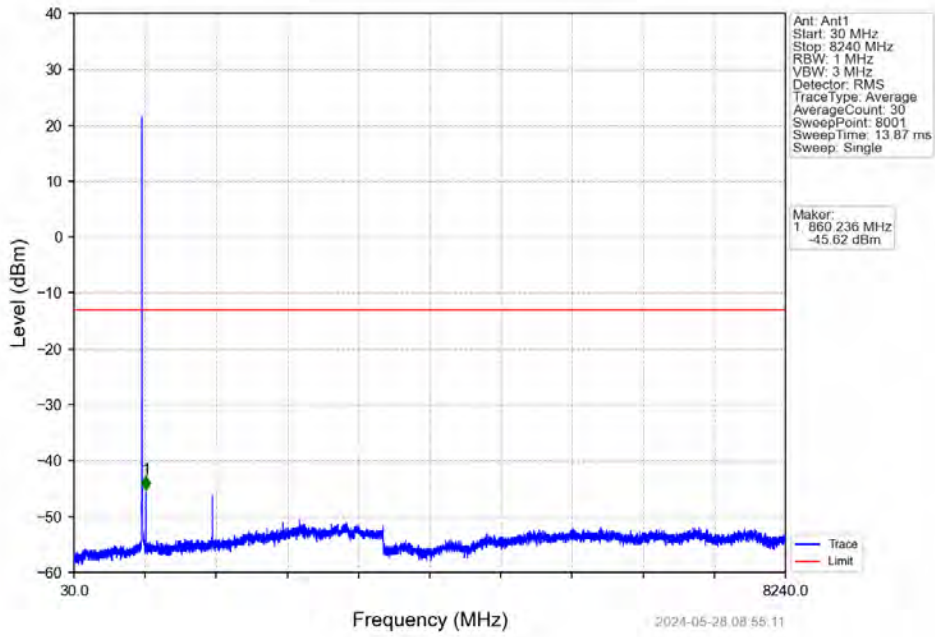
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 821 | 824 | 0.033 | / | 1 | 824.012 | -26.73 | -20 | Pass |
| 824 | 825 | 0.033 | / | 1 | 824.012 | -26.73 | -20 | Pass |
| 825 | 827 | 0.1 | CHP | 2 | 825.098 | -36.58 | -13 | Pass |

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_1_0_NTNV

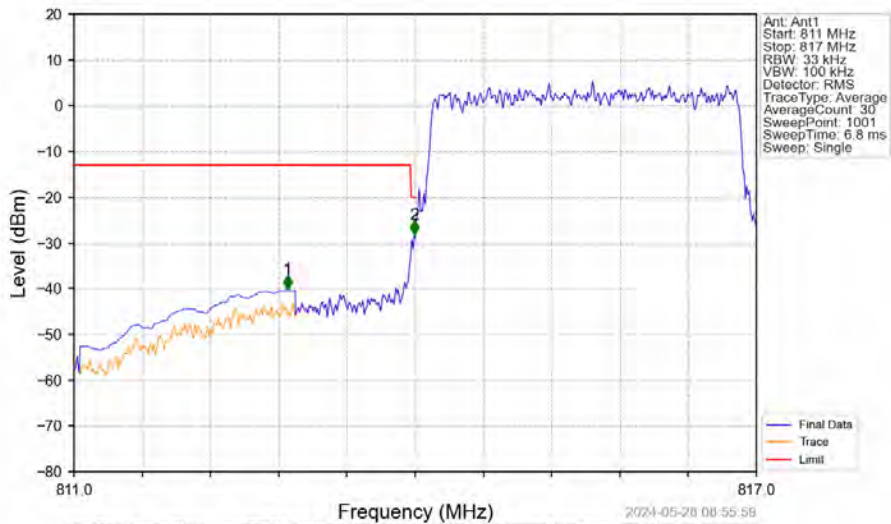


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 811 | 813 | 0.1 | CHP | 1 | 812.948 | -45.01 | -13 | Pass |
| 813 | 814 | 0.003 | / | 2 | 813.997 | -24.19 | -20 | Pass |
| 814 | 817 | 0.003 | / | / | / | / | / | / |

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_1_0_NTNV

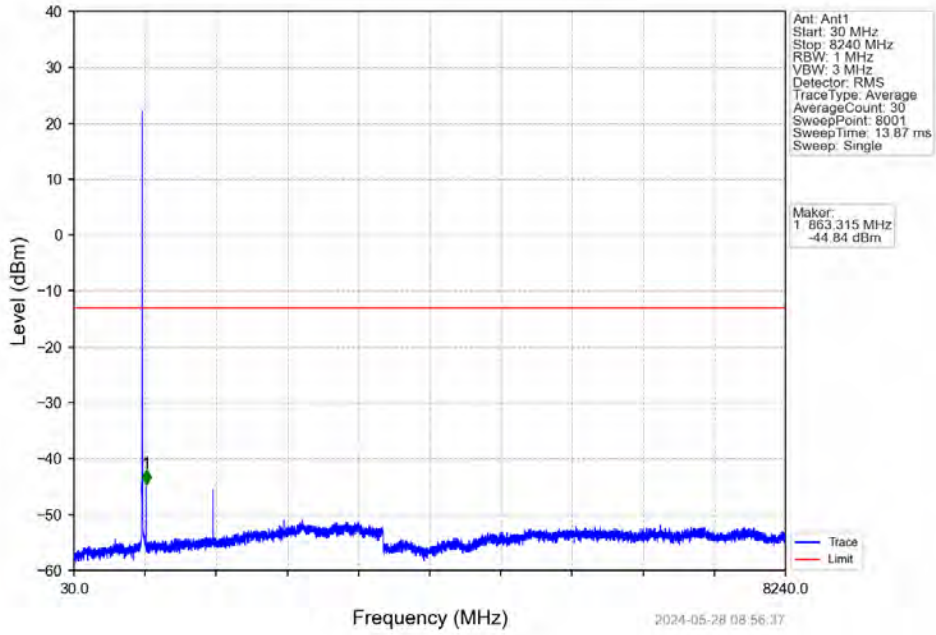


Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV

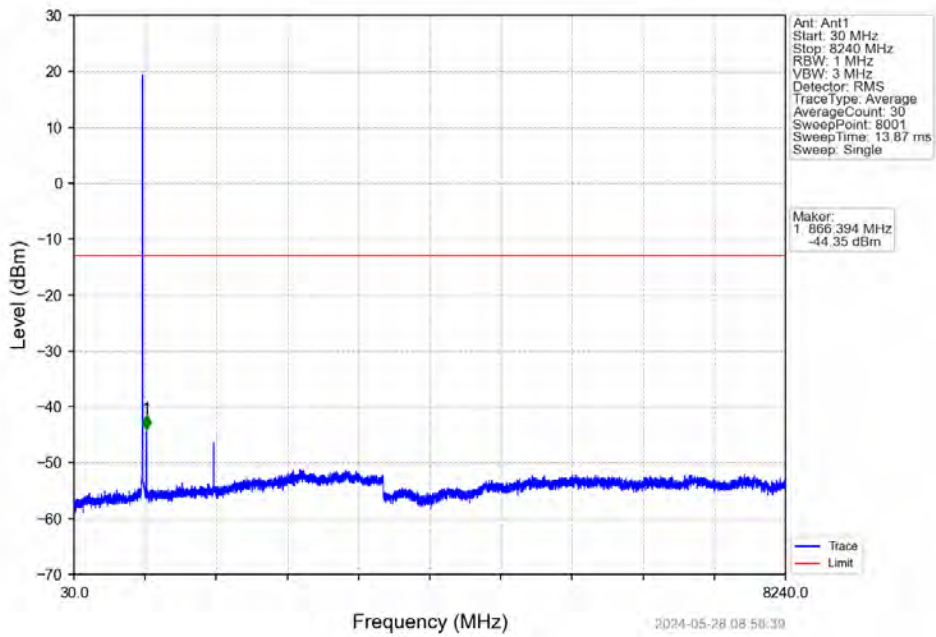


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 811 | 813 | 0.1 | CHP | 1 | 812.878 | -40.19 | -13 | Pass |
| 813 | 814 | 0.033 | / | 2 | 813.994 | -28.12 | -20 | Pass |
| 814 | 817 | 0.033 | / | / | / | / | / | / |

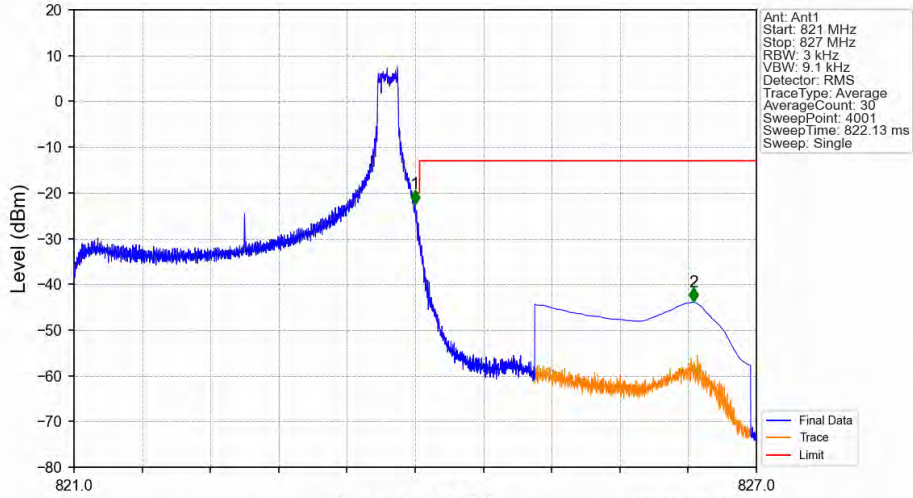
Band26a_3MHz_16QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_3MHz_16QAM_HCH_822.5MHz_RB_1_0_NTNV



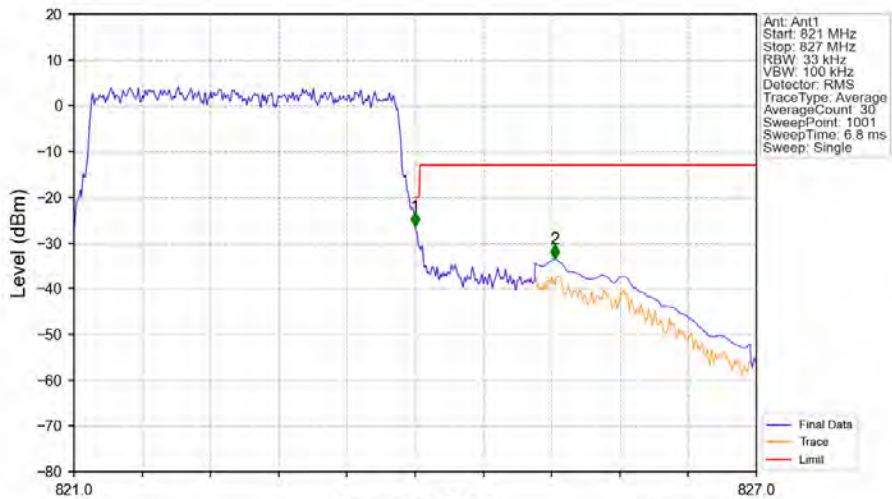
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_1_14_NTNV



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| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 821 | 824 | 0.003 | / | 1 | 824.000 | -22.42 | -20 | Pass |
| 824 | 825 | 0.003 | / | 1 | 824.000 | -22.42 | -20 | Pass |
| 825 | 827 | 0.1 | CHP | 2 | 826.447 | -43.91 | -13 | Pass |

Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



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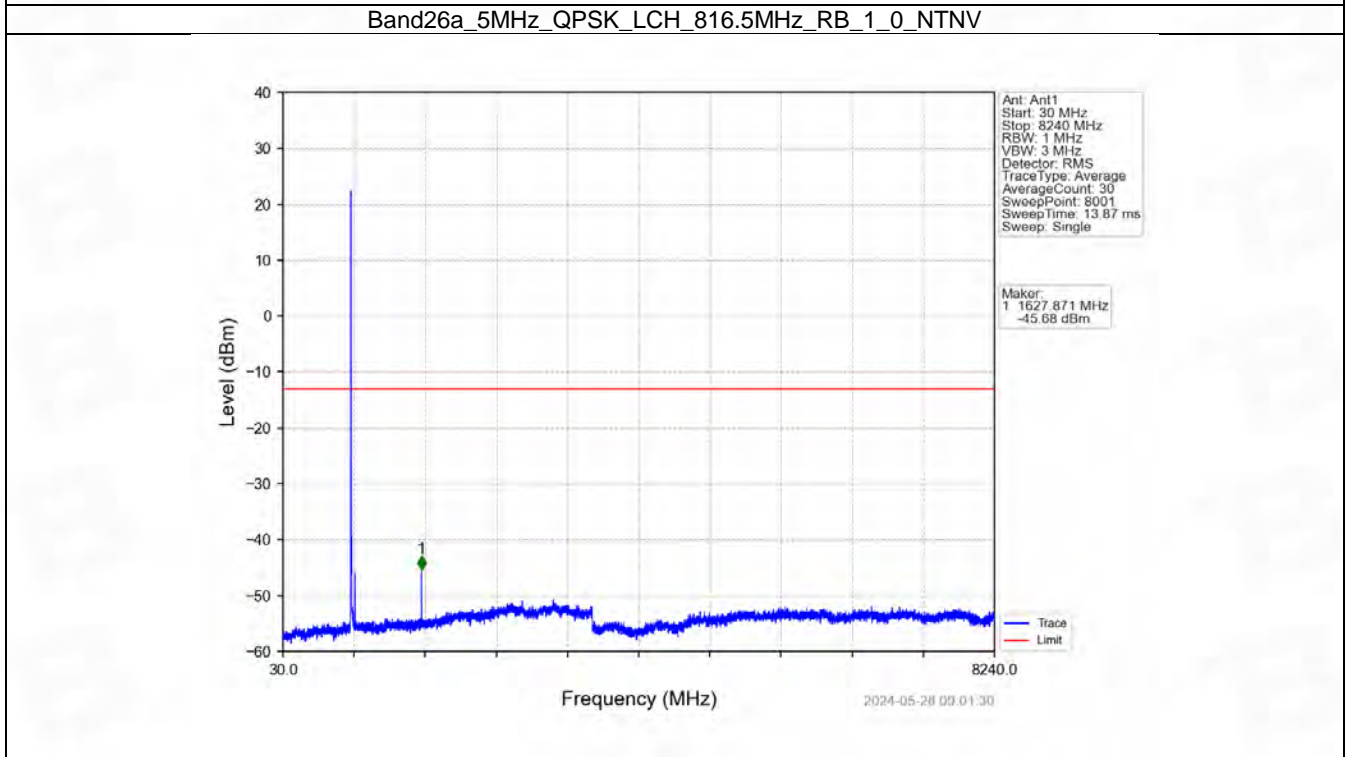
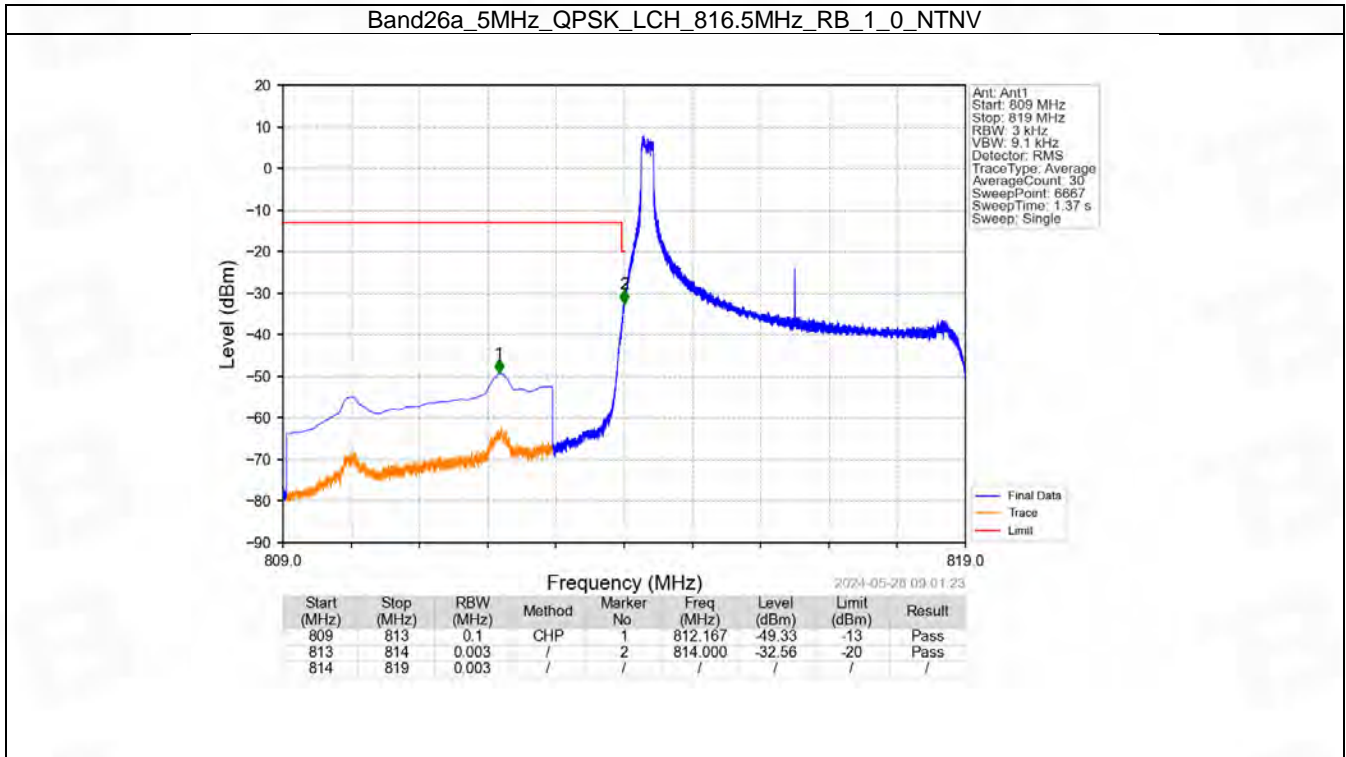
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 821 | 824 | 0.033 | / | 1 | 824.000 | -26.44 | -20 | Pass |
| 824 | 825 | 0.033 | / | 1 | 824.000 | -26.44 | -20 | Pass |
| 825 | 827 | 0.1 | CHP | 2 | 825.230 | -33.51 | -13 | Pass |

6.3 B26a_5MHz

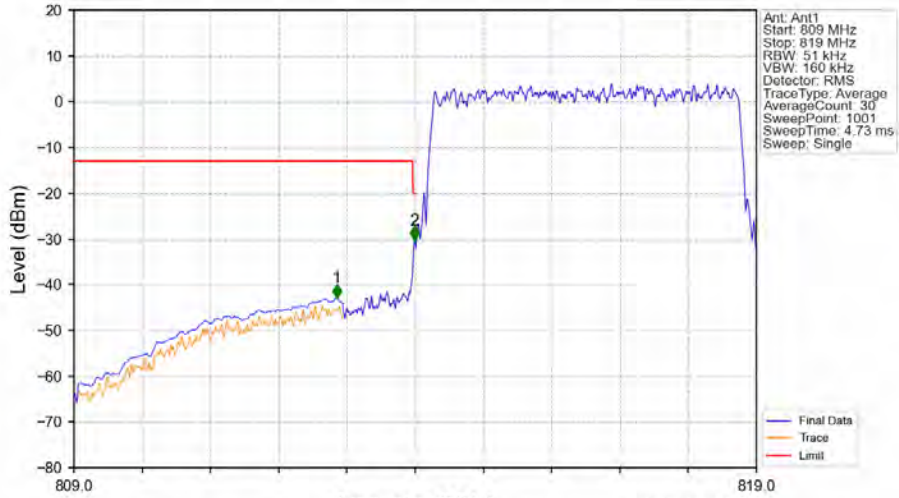
6.3.1 Test Result

| Band: 26a / Bandwidth: 5MHz / NTV | | | | | | |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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 |

6.3.2 Test Graph

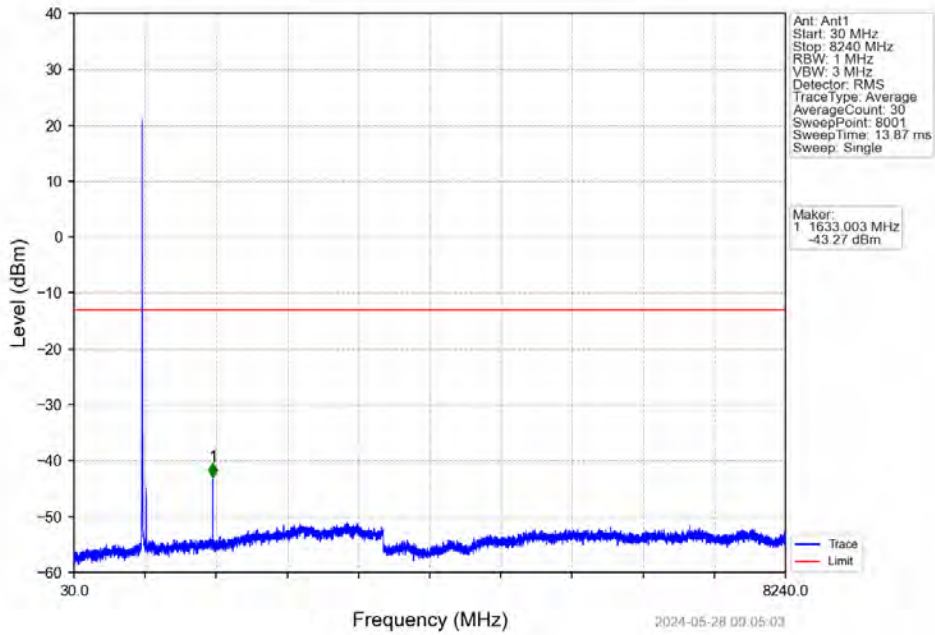


Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV

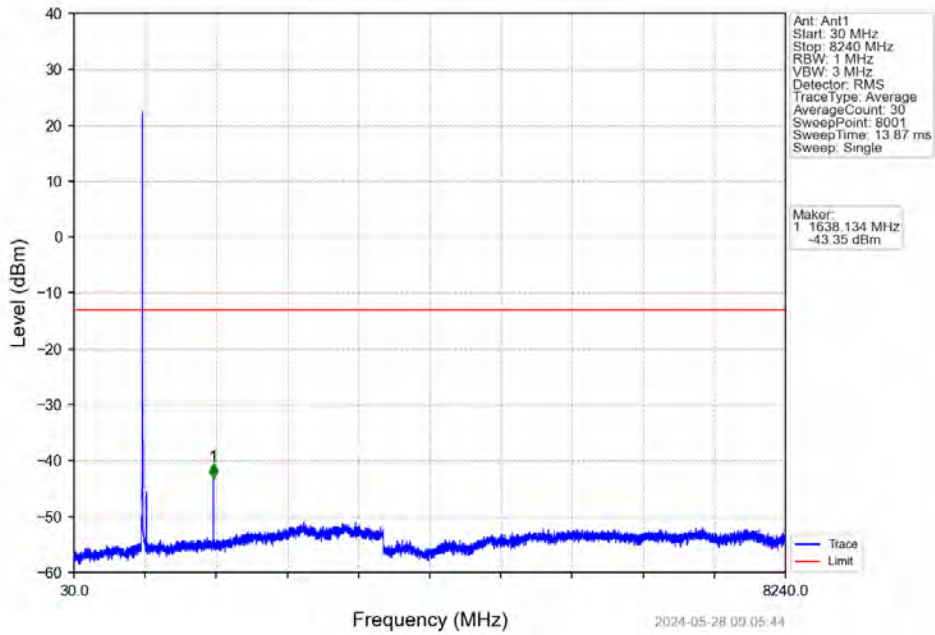


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 809 | 813 | 0.1 | CHP | 1 | 812.850 | -42.89 | -13 | Pass |
| 813 | 814 | 0.051 | / | 2 | 813.990 | -30.28 | -20 | Pass |
| 814 | 819 | 0.051 | / | / | / | / | / | / |

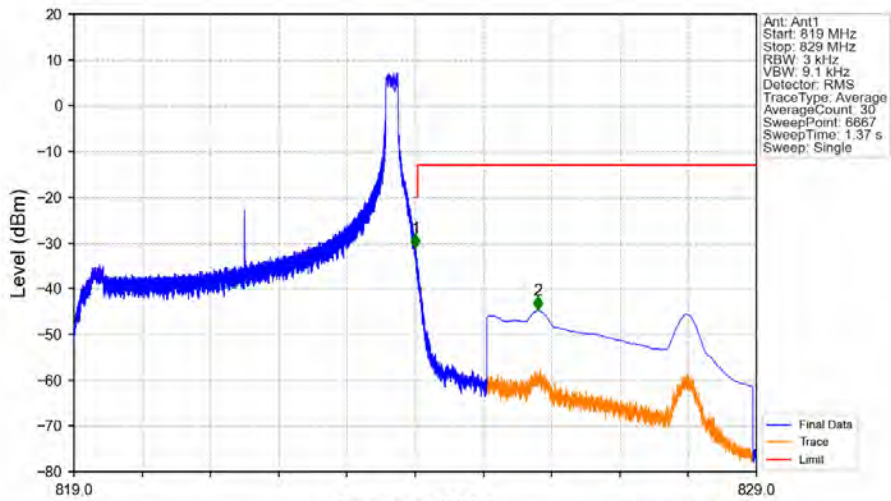
Band26a_5MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_0_NTNV

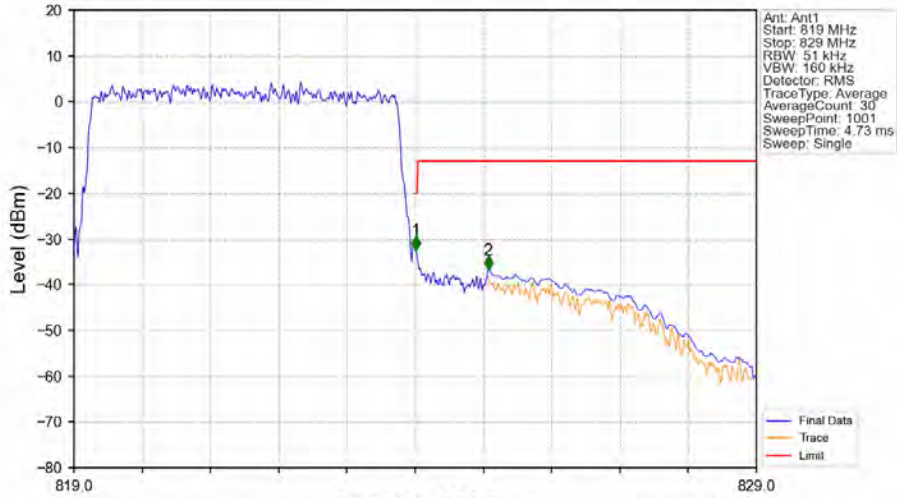


Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_24_NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 819 | 824 | 0.003 | / | 1 | 824.001 | -31.09 | -20 | Pass |
| 824 | 825 | 0.003 | / | 1 | 824.001 | -31.09 | -20 | Pass |
| 825 | 829 | 0.1 | CHP | 2 | 825.800 | -44.72 | -13 | Pass |

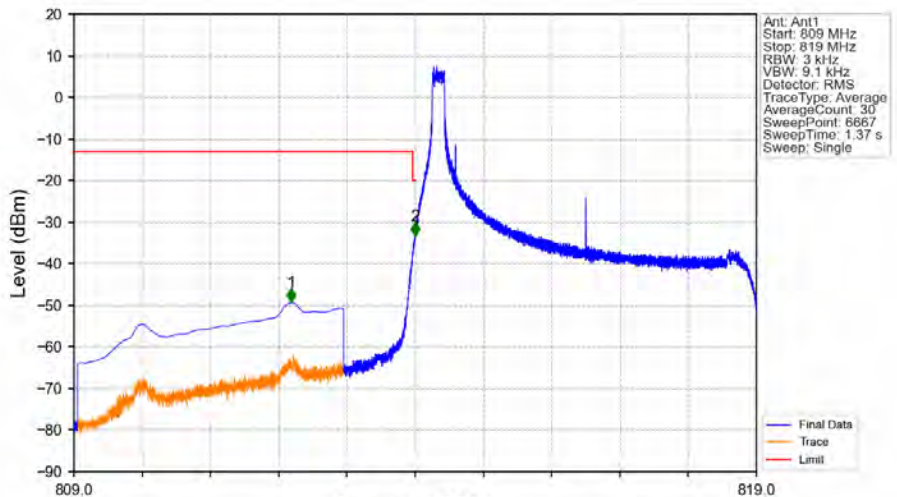
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



2024-05-28 09:07:41

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 819 | 824 | 0.051 | / | 1 | 824.010 | -32.44 | -20 | Pass |
| 824 | 825 | 0.051 | / | 2 | 825.070 | -36.75 | -13 | Pass |

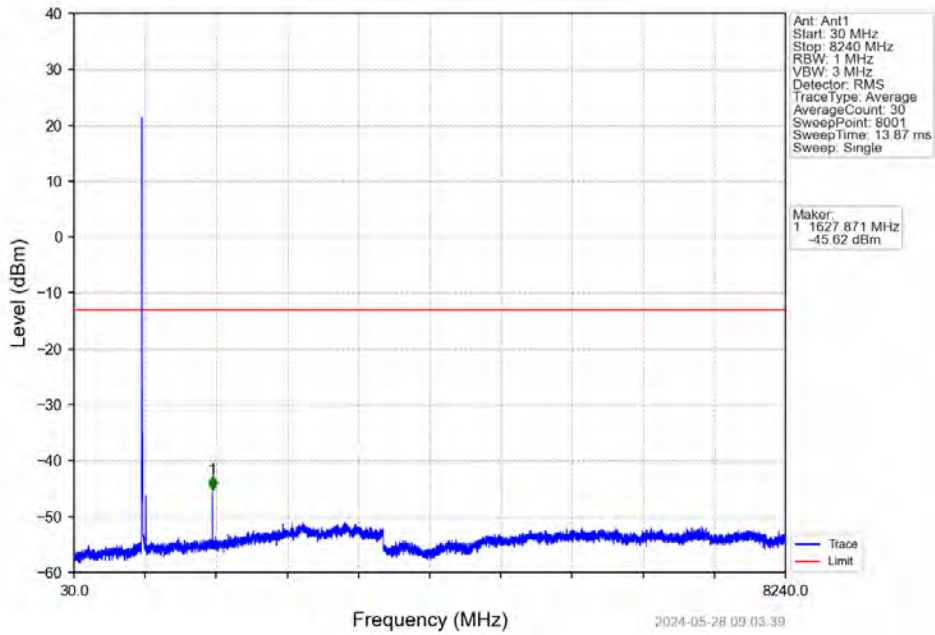
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_1_0_NTNV



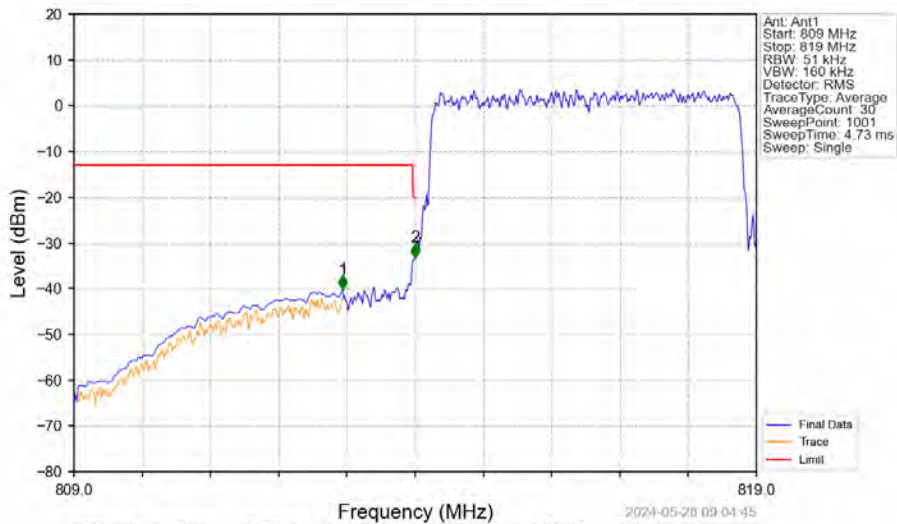
2024-05-28 09:03:31

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 809 | 813 | 0.1 | CHP | 1 | 812.183 | -49.30 | -13 | Pass |
| 813 | 814 | 0.003 | / | 2 | 813.999 | -33.33 | -20 | Pass |
| 814 | 819 | 0.003 | / | / | / | / | / | / |

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_1_0_NTNV

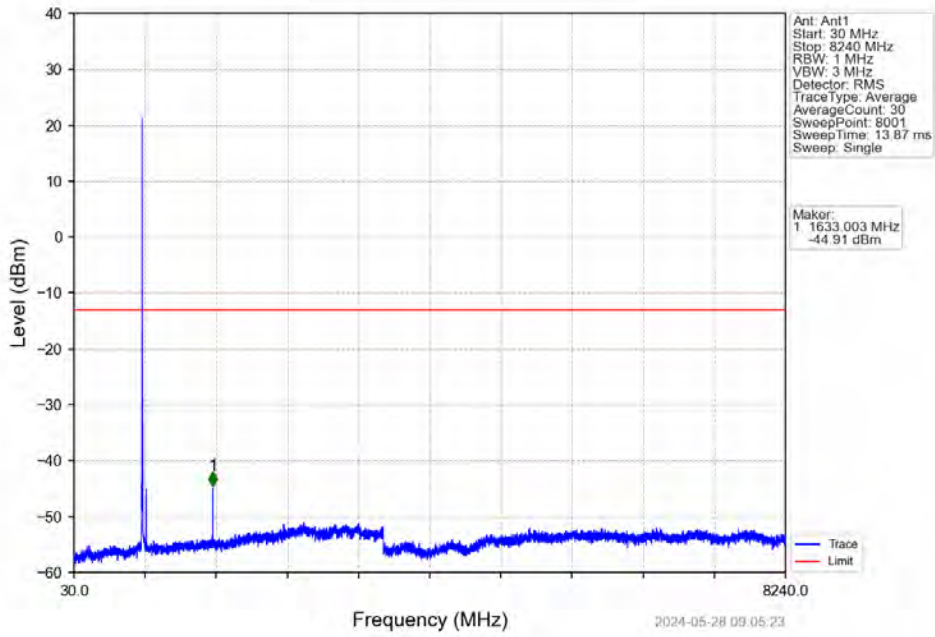


Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV

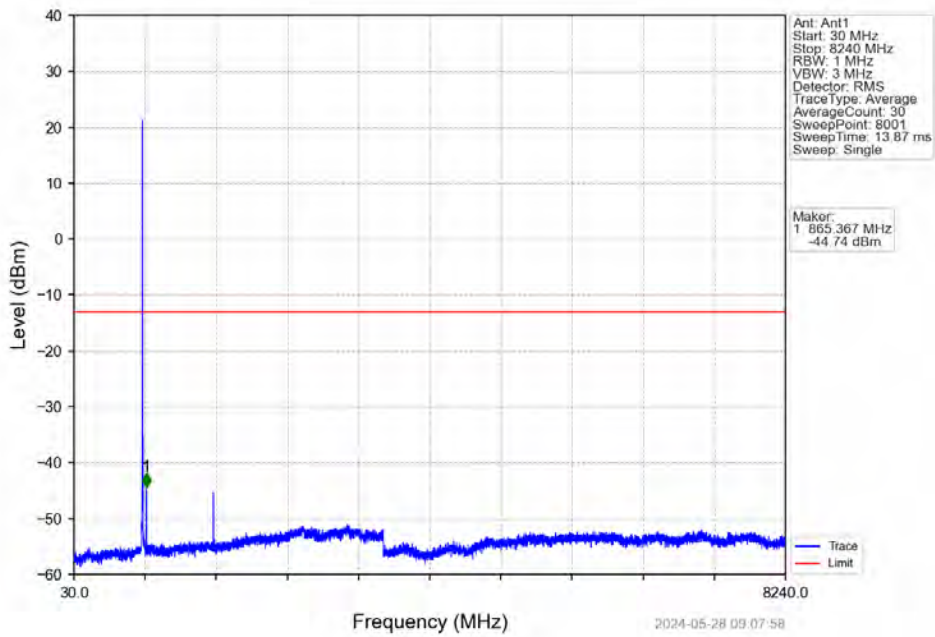


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 809 | 813 | 0.1 | CHP | 1 | 812.940 | -40.14 | -13 | Pass |
| 813 | 814 | 0.051 | / | 2 | 814.000 | -33.20 | -20 | Pass |
| 814 | 819 | 0.051 | / | / | / | / | / | / |

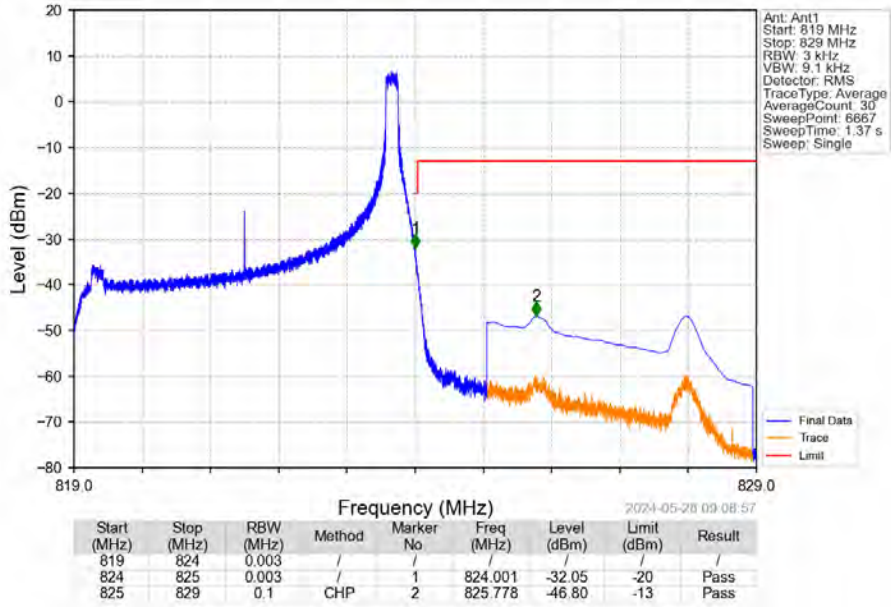
Band26a_5MHz_16QAM_MCH_819MHz_RB_1_0_NTNV



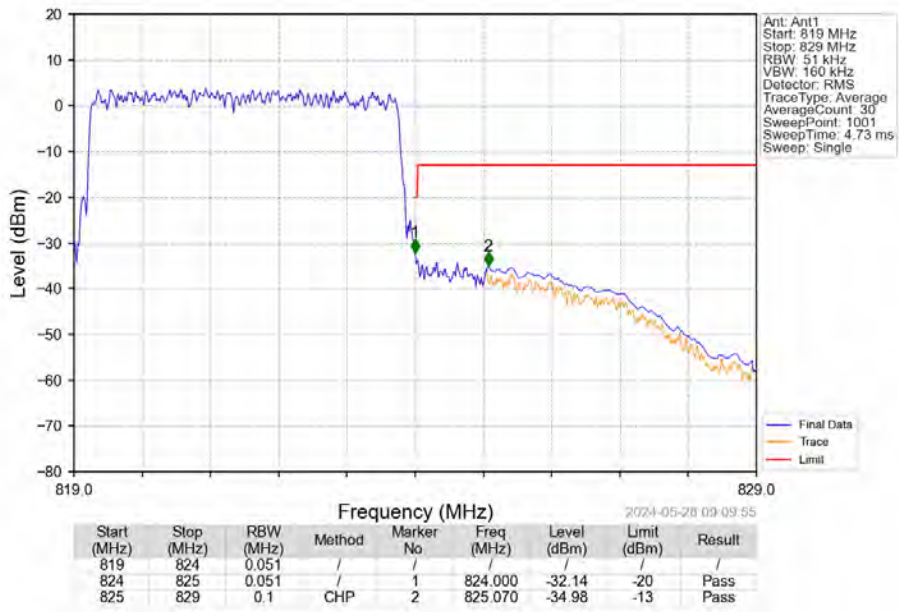
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_1_0_NTNV



Band26a_5MHz_16QAM_HCH_821.5MHz_RB_1_24_NTNV



Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV

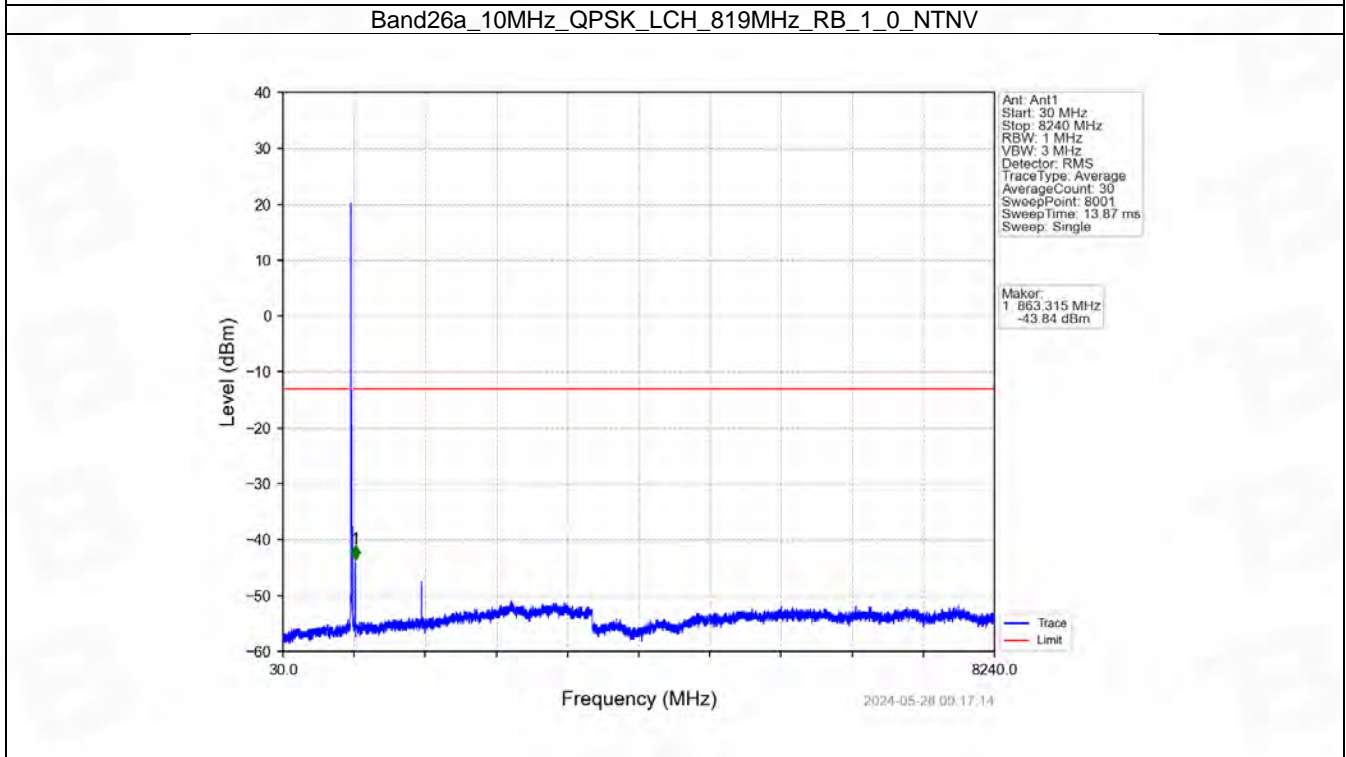
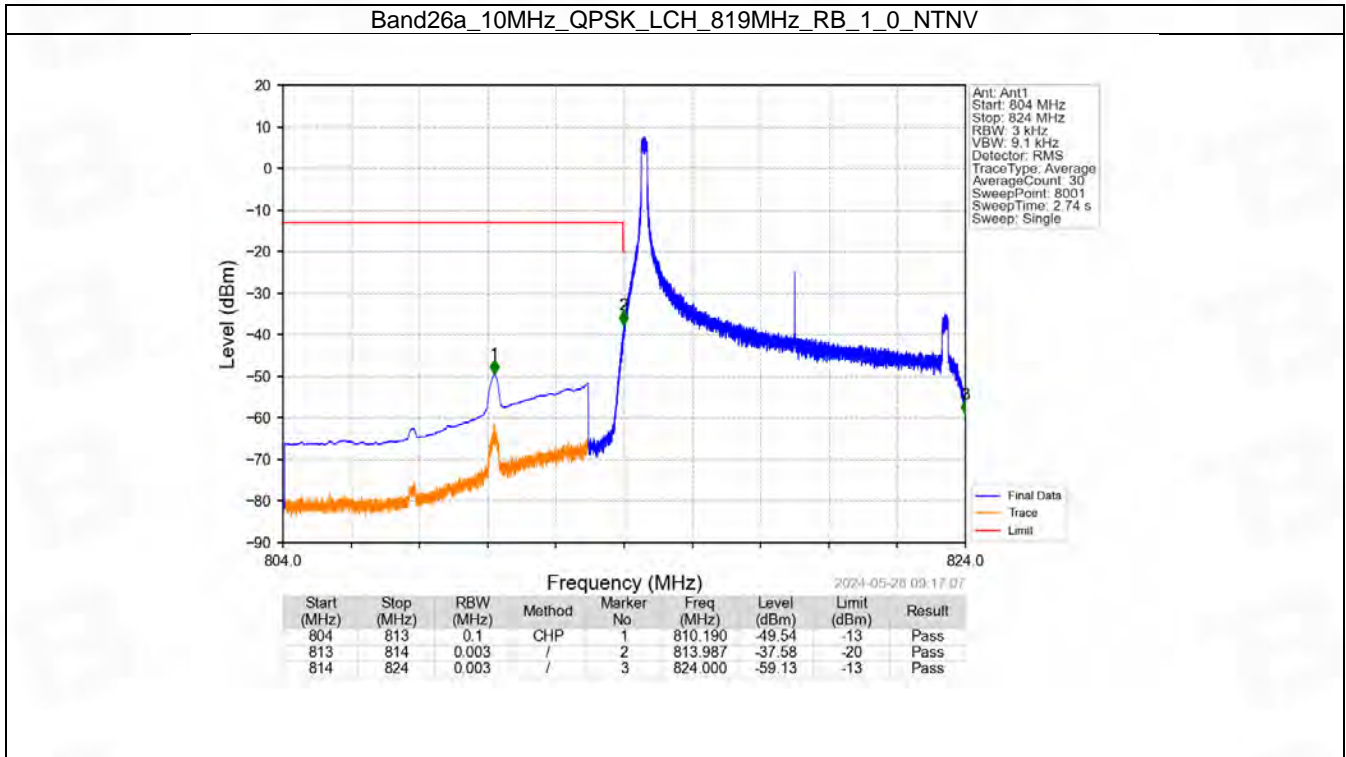


6.4 B26a_10MHz

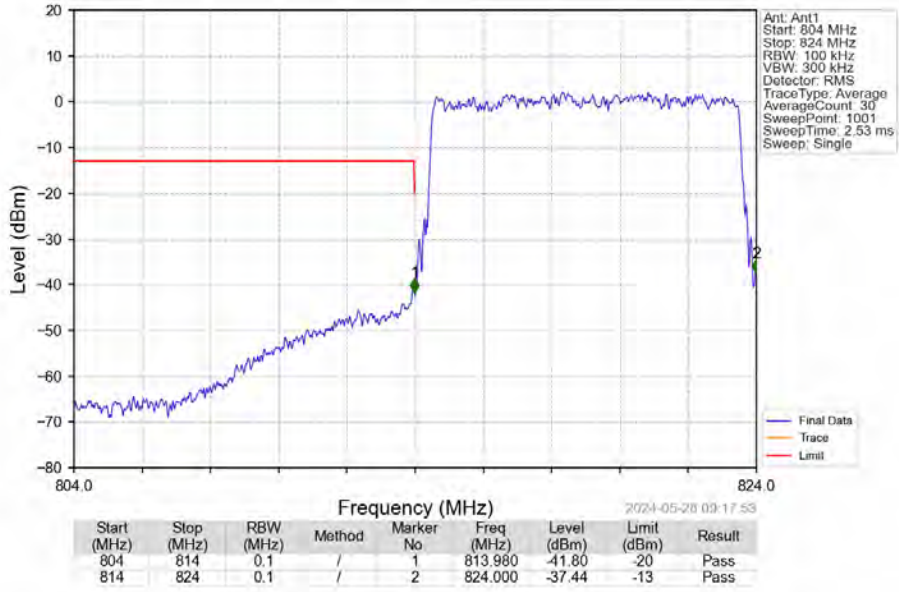
6.4.1 Test Result

| Band: 26a / Bandwidth: 10MHz / NTN | | | | | | |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| 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 | |

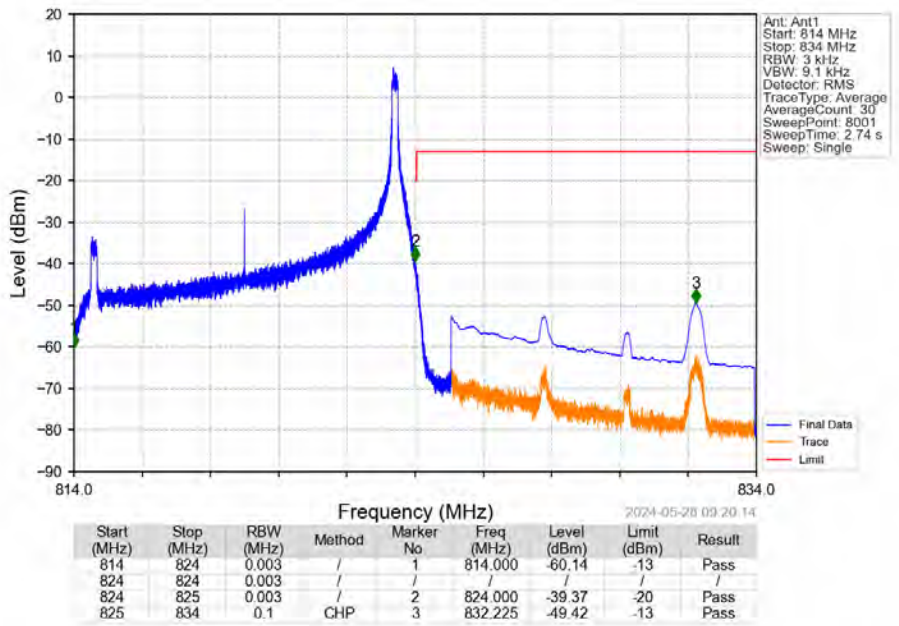
6.4.2 Test Graph



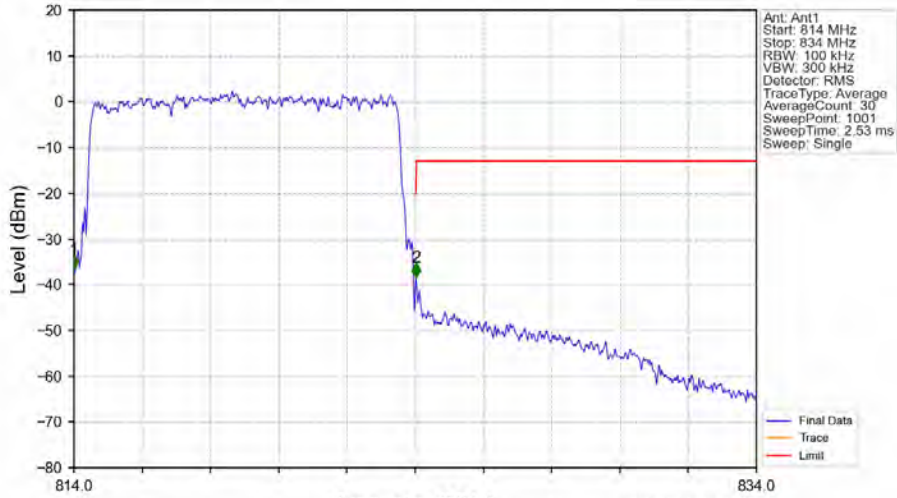
Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_QPSK_HCH_819MHz_RB_1_49_NTNV

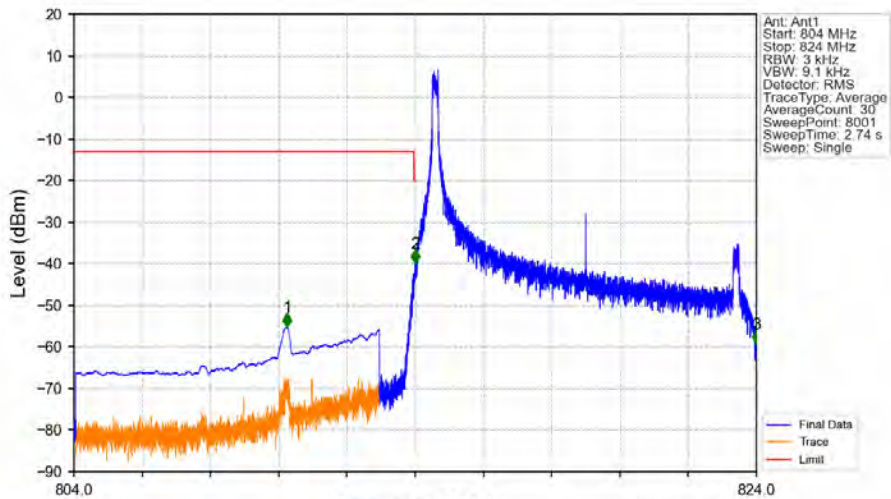


Band26a_10MHz_QPSK_HCH_819MHz_RB_50_0_NTV



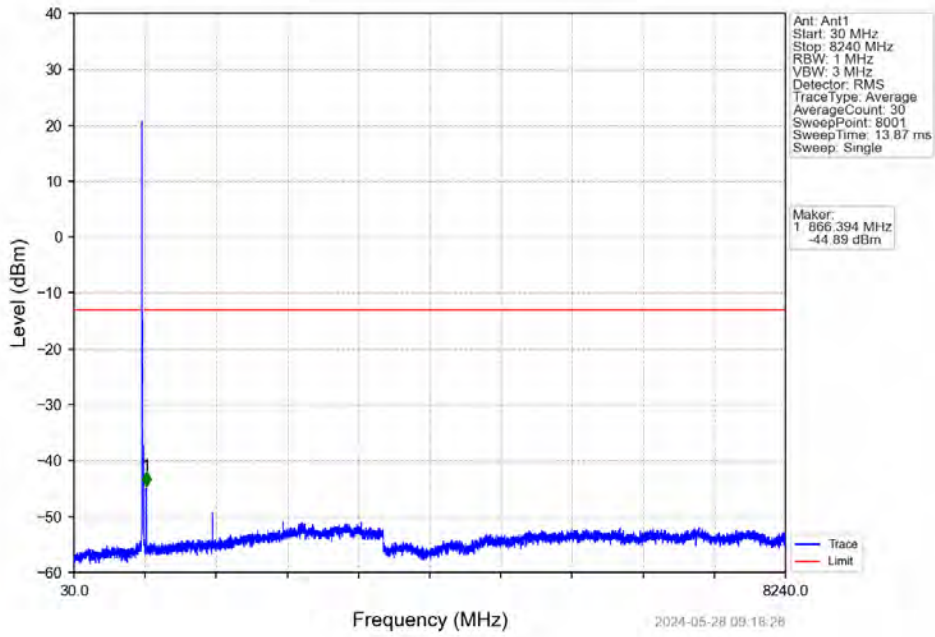
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 814 | 824 | 0.1 | / | 1 | 814.000 | -36.61 | -13 | Pass |
| 824 | 824 | 0.1 | / | / | / | / | / | / |
| 824 | 834 | 0.1 | / | 2 | 824.020 | -38.40 | -20 | Pass |

Band26a_10MHz_16QAM_LCH_819MHz_RB_1_0_NTV

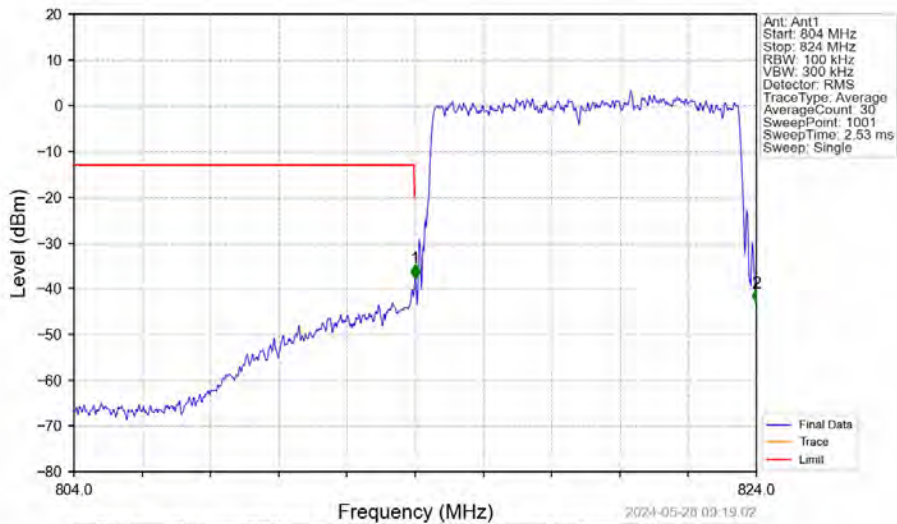


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 804 | 813 | 0.1 | CHP | 1 | 810.253 | -55.30 | -13 | Pass |
| 813 | 814 | 0.003 | / | 2 | 814.000 | -39.97 | -20 | Pass |
| 814 | 824 | 0.003 | / | 3 | 824.000 | -59.30 | -13 | Pass |

Band26a_10MHz_16QAM_LCH_819MHz_RB_1_0_NTNV

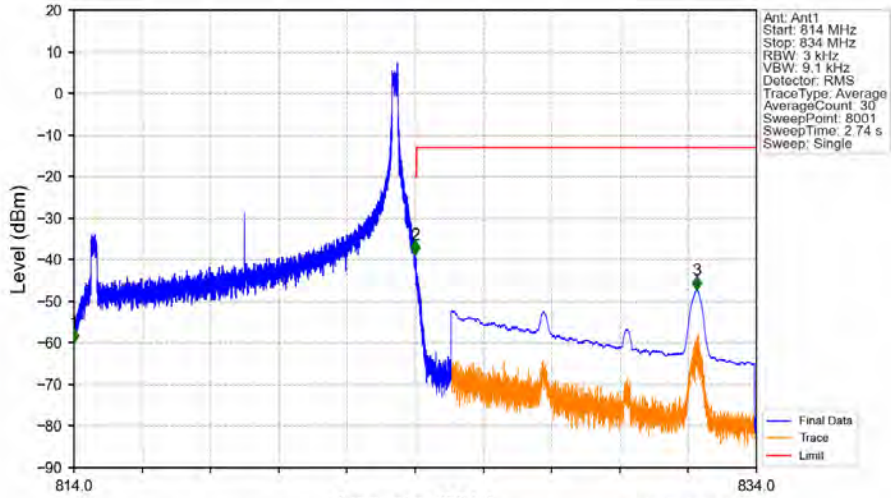


Band26a_10MHz_16QAM_LCH_819MHz_RB_50_0_NTNV



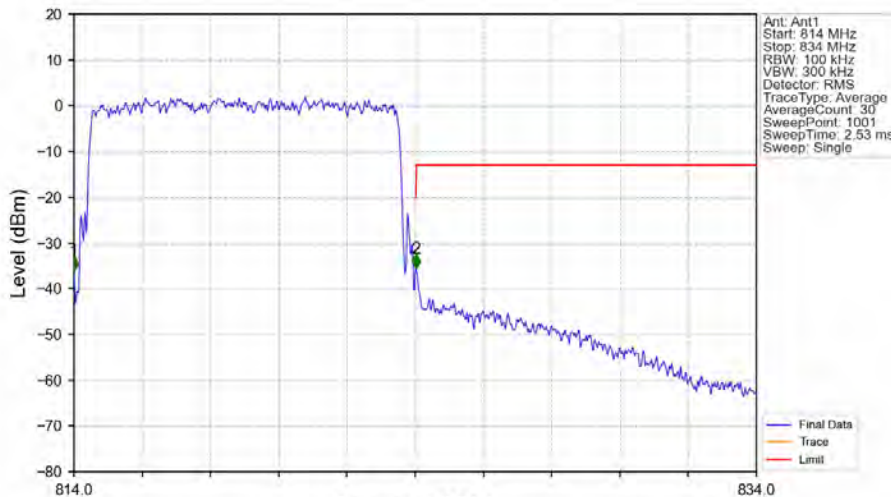
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|-----------|------------|-------------|-------------|--------|
| 804 | 814 | 0.1 | / | 1 | 814.000 | -37.79 | -20 | Pass |
| 814 | 824 | 0.1 | / | 2 | 824.000 | -43.13 | -13 | Pass |

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 | / | 1 | 814.000 | -59.97 | -13 | Pass |
| 824 | 825 | 0.003 | / | 2 | 824.000 | -38.86 | -20 | Pass |
| 825 | 834 | 0.1 | CHP | 3 | 832.253 | -47.28 | -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 | / | 1 | 814.000 | -36.04 | -13 | Pass |
| 824 | 834 | 0.1 | / | 2 | 824.020 | -35.59 | -20 | Pass |

7. Form731

7.1 Form731_Power

7.1.1 Test Result

| Band | BW | Lower Freq | High Freq | MAX Power (W) | Value | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 26a | 1.4 | 814.7 | 823.3 | 0.2153 | 0.0484 | ppm | 1M12G7D | / | 23.33 |
| 26a | 1.4 | 814.7 | 823.3 | 0.2084 | 0.0536 | ppm | 1M12W7D | / | 23.19 |
| 26a | 3 | 815.5 | 822.5 | 0.1355 | 0.0574 | ppm | 2M76G7D | / | 21.32 |
| 26a | 3 | 815.5 | 822.5 | 0.1432 | 0.0371 | ppm | 2M77W7D | / | 21.56 |
| 26a | 5 | 816.5 | 821.5 | 0.1361 | 0.0421 | ppm | 4M57G7D | / | 21.34 |
| 26a | 5 | 816.5 | 821.5 | 0.1230 | 0.0475 | ppm | 4M59W7D | / | 20.90 |
| 26a | 10 | 819 | 819 | 0.2118 | 0.0430 | ppm | 9M03G7D | / | 23.26 |
| 26a | 10 | 819 | 819 | 0.2234 | 0.0372 | ppm | 9M04W7D | / | 23.49 |

7.2 Form731_ERP

7.2.1 Test Result

| Band | BW | Lower Freq | High Freq | MAX Power (W) | Value | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|------|-----|------------|-----------|---------------|--------|--------|---------------------|------------|-----------------|
| 26a | 1.4 | 814.7 | 823.3 | 0.1114 | 0.0484 | ppm | 1M12G7D | / | 20.47 |
| 26a | 1.4 | 814.7 | 823.3 | 0.1079 | 0.0536 | ppm | 1M12W7D | / | 20.33 |
| 26a | 3 | 815.5 | 822.5 | 0.0701 | 0.0574 | ppm | 2M76G7D | / | 18.46 |
| 26a | 3 | 815.5 | 822.5 | 0.0741 | 0.0371 | ppm | 2M77W7D | / | 18.70 |
| 26a | 5 | 816.5 | 821.5 | 0.0705 | 0.0421 | ppm | 4M57G7D | / | 18.48 |
| 26a | 5 | 816.5 | 821.5 | 0.0637 | 0.0475 | ppm | 4M59W7D | / | 18.04 |
| 26a | 10 | 819 | 819 | 0.1096 | 0.0430 | ppm | 9M03G7D | / | 20.40 |
| 26a | 10 | 819 | 819 | 0.1156 | 0.0372 | ppm | 9M04W7D | / | 20.63 |