# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B26a_1.4MHz_ERP

### 1.1.1 Test Result

| Band: 26a / Bandwidth: 1.4MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 814.7 | 1 | 0 | 22.89 | 0.48 | 21.22 | <=38.45 | Pass |
| | | | 2 | 23.14 | 0.48 | 21.47 | <=38.45 | Pass |
| | | | 5 | 23.01 | 0.48 | 21.34 | <=38.45 | Pass |
| | | 3 | 0 | 22.96 | 0.48 | 21.29 | <=38.45 | Pass |
| | | | 2 | 22.99 | 0.48 | 21.32 | <=38.45 | Pass |
| | | | 3 | 22.99 | 0.48 | 21.32 | <=38.45 | Pass |
| | | 6 | 0 | 22.06 | 0.48 | 20.39 | <=38.45 | Pass |
| | 819 | 1 | 0 | 23.08 | 0.48 | 21.41 | <=38.45 | Pass |
| | | | 2 | 23.13 | 0.48 | 21.46 | <=38.45 | Pass |
| | | | 5 | 23.05 | 0.48 | 21.38 | <=38.45 | Pass |
| | | 3 | 0 | 23.03 | 0.48 | 21.36 | <=38.45 | Pass |
| | | | 2 | 23.06 | 0.48 | 21.39 | <=38.45 | Pass |
| | | | 3 | 23.06 | 0.48 | 21.39 | <=38.45 | Pass |
| | | 6 | 0 | 22.01 | 0.48 | 20.34 | <=38.45 | Pass |
| | 823.3 | 1 | 0 | 23.10 | 0.48 | 21.43 | <=38.45 | Pass |
| | | | 2 | 23.14 | 0.48 | 21.47 | <=38.45 | Pass |
| | | | 5 | 23.07 | 0.48 | 21.40 | <=38.45 | Pass |
| | | 3 | 0 | 23.10 | 0.48 | 21.43 | <=38.45 | Pass |
| | | | 2 | 23.10 | 0.48 | 21.43 | <=38.45 | Pass |
| | | | 3 | 23.07 | 0.48 | 21.40 | <=38.45 | Pass |
| | | 6 | 0 | 22.02 | 0.48 | 20.35 | <=38.45 | Pass |
| 16QAM | 814.7 | 1 | 0 | 21.89 | 0.48 | 20.22 | <=38.45 | Pass |
| | | | 2 | 22.09 | 0.48 | 20.42 | <=38.45 | Pass |
| | | | 5 | 22.10 | 0.48 | 20.43 | <=38.45 | Pass |
| | | 3 | 0 | 22.08 | 0.48 | 20.41 | <=38.45 | Pass |
| | | | 2 | 22.28 | 0.48 | 20.61 | <=38.45 | Pass |
| | | | 3 | 22.15 | 0.48 | 20.48 | <=38.45 | Pass |
| | | 6 | 0 | 20.99 | 0.48 | 19.32 | <=38.45 | Pass |
| | 819 | 1 | 0 | 21.87 | 0.48 | 20.20 | <=38.45 | Pass |
| | | | 2 | 22.05 | 0.48 | 20.38 | <=38.45 | Pass |
| | | | 5 | 22.09 | 0.48 | 20.42 | <=38.45 | Pass |
| | | 3 | 0 | 22.03 | 0.48 | 20.36 | <=38.45 | Pass |
| | | | 2 | 22.24 | 0.48 | 20.57 | <=38.45 | Pass |
| | | | 3 | 22.10 | 0.48 | 20.43 | <=38.45 | Pass |
| | | 6 | 0 | 21.00 | 0.48 | 19.33 | <=38.45 | Pass |
| | 823.3 | 1 | 0 | 22.08 | 0.48 | 20.41 | <=38.45 | Pass |
| | | | 2 | 22.23 | 0.48 | 20.56 | <=38.45 | Pass |
| | | | 5 | 21.88 | 0.48 | 20.21 | <=38.45 | Pass |
| | | 3 | 0 | 22.13 | 0.48 | 20.46 | <=38.45 | Pass |
| | | | 2 | 22.18 | 0.48 | 20.51 | <=38.45 | Pass |
| | | | 3 | 22.09 | 0.48 | 20.42 | <=38.45 | Pass |
| | | 6 | 0 | 21.08 | 0.48 | 19.41 | <=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 | 23.15 | 0.48 | 21.48 | <=38.45 | Pass |
| | | | 7 | 23.35 | 0.48 | 21.68 | <=38.45 | Pass |
| | | | 14 | 23.07 | 0.48 | 21.40 | <=38.45 | Pass |
| | | 8 | 0 | 22.14 | 0.48 | 20.47 | <=38.45 | Pass |
| | | | 4 | 22.19 | 0.48 | 20.52 | <=38.45 | Pass |
| | | | 7 | 22.17 | 0.48 | 20.50 | <=38.45 | Pass |
| | | 15 | 0 | 22.15 | 0.48 | 20.48 | <=38.45 | Pass |
| | 819 | 1 | 0 | 23.11 | 0.48 | 21.44 | <=38.45 | Pass |
| | | | 7 | 23.45 | 0.48 | 21.78 | <=38.45 | Pass |
| | | | 14 | 23.10 | 0.48 | 21.43 | <=38.45 | Pass |
| | | 8 | 0 | 22.08 | 0.48 | 20.41 | <=38.45 | Pass |
| | | | 4 | 22.14 | 0.48 | 20.47 | <=38.45 | Pass |
| | | | 7 | 22.10 | 0.48 | 20.43 | <=38.45 | Pass |
| | | 15 | 0 | 22.09 | 0.48 | 20.42 | <=38.45 | Pass |
| | 822.5 | 1 | 0 | 23.16 | 0.48 | 21.49 | <=38.45 | Pass |
| | | | 7 | 23.39 | 0.48 | 21.72 | <=38.45 | Pass |
| | | | 14 | 23.25 | 0.48 | 21.58 | <=38.45 | Pass |
| | | 8 | 0 | 22.08 | 0.48 | 20.41 | <=38.45 | Pass |
| | | | 4 | 22.12 | 0.48 | 20.45 | <=38.45 | Pass |
| | | | 7 | 22.11 | 0.48 | 20.44 | <=38.45 | Pass |
| | | 15 | 0 | 22.09 | 0.48 | 20.42 | <=38.45 | Pass |
| 16QAM | 815.5 | 1 | 0 | 22.35 | 0.48 | 20.68 | <=38.45 | Pass |
| | | | 7 | 22.49 | 0.48 | 20.82 | <=38.45 | Pass |
| | | | 14 | 22.02 | 0.48 | 20.35 | <=38.45 | Pass |
| | | 8 | 0 | 21.12 | 0.48 | 19.45 | <=38.45 | Pass |
| | | | 4 | 21.17 | 0.48 | 19.50 | <=38.45 | Pass |
| | | | 7 | 21.14 | 0.48 | 19.47 | <=38.45 | Pass |
| | | 15 | 0 | 21.08 | 0.48 | 19.41 | <=38.45 | Pass |
| | 819 | 1 | 0 | 21.95 | 0.48 | 20.28 | <=38.45 | Pass |
| | | | 7 | 22.58 | 0.48 | 20.91 | <=38.45 | Pass |
| | | | 14 | 22.19 | 0.48 | 20.52 | <=38.45 | Pass |
| | | 8 | 0 | 21.15 | 0.48 | 19.48 | <=38.45 | Pass |
| | | | 4 | 21.21 | 0.48 | 19.54 | <=38.45 | Pass |
| | | | 7 | 21.14 | 0.48 | 19.47 | <=38.45 | Pass |
| | | 15 | 0 | 21.13 | 0.48 | 19.46 | <=38.45 | Pass |
| | 822.5 | 1 | 0 | 22.25 | 0.48 | 20.58 | <=38.45 | Pass |
| | | | 7 | 22.31 | 0.48 | 20.64 | <=38.45 | Pass |
| | | | 14 | 22.27 | 0.48 | 20.60 | <=38.45 | Pass |
| | | 8 | 0 | 21.15 | 0.48 | 19.48 | <=38.45 | Pass |
| | | | 4 | 21.21 | 0.48 | 19.54 | <=38.45 | Pass |
| | | | 7 | 21.15 | 0.48 | 19.48 | <=38.45 | Pass |
| | | 15 | 0 | 21.06 | 0.48 | 19.39 | <=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 | 22.81 | 0.48 | 21.14 | <=38.45 | Pass |
| | | | 13 | 22.97 | 0.48 | 21.30 | <=38.45 | Pass |
| | | | 24 | 22.92 | 0.48 | 21.25 | <=38.45 | Pass |
| | | 12 | 0 | 21.96 | 0.48 | 20.29 | <=38.45 | Pass |
| | | | 6 | 22.04 | 0.48 | 20.37 | <=38.45 | Pass |
| | | | 13 | 21.91 | 0.48 | 20.24 | <=38.45 | Pass |
| | | 25 | 0 | 21.96 | 0.48 | 20.29 | <=38.45 | Pass |
| | 819 | 1 | 0 | 22.85 | 0.48 | 21.18 | <=38.45 | Pass |
| | | | 13 | 22.92 | 0.48 | 21.25 | <=38.45 | Pass |
| | | | 24 | 22.92 | 0.48 | 21.25 | <=38.45 | Pass |
| | | 12 | 0 | 21.91 | 0.48 | 20.24 | <=38.45 | Pass |
| | | | 6 | 21.96 | 0.48 | 20.29 | <=38.45 | Pass |
| | | | 13 | 21.92 | 0.48 | 20.25 | <=38.45 | Pass |
| | | 25 | 0 | 21.97 | 0.48 | 20.30 | <=38.45 | Pass |
| | 821.5 | 1 | 0 | 22.92 | 0.48 | 21.25 | <=38.45 | Pass |
| | | | 13 | 23.01 | 0.48 | 21.34 | <=38.45 | Pass |
| | | | 24 | 22.88 | 0.48 | 21.21 | <=38.45 | Pass |
| | | 12 | 0 | 21.95 | 0.48 | 20.28 | <=38.45 | Pass |
| | | | 6 | 22.01 | 0.48 | 20.34 | <=38.45 | Pass |
| | | | 13 | 21.90 | 0.48 | 20.23 | <=38.45 | Pass |
| | | 25 | 0 | 21.96 | 0.48 | 20.29 | <=38.45 | Pass |
| 16QAM | 816.5 | 1 | 0 | 22.12 | 0.48 | 20.45 | <=38.45 | Pass |
| | | | 13 | 22.14 | 0.48 | 20.47 | <=38.45 | Pass |
| | | | 24 | 22.11 | 0.48 | 20.44 | <=38.45 | Pass |
| | | 12 | 0 | 20.93 | 0.48 | 19.26 | <=38.45 | Pass |
| | | | 6 | 20.98 | 0.48 | 19.31 | <=38.45 | Pass |
| | | | 13 | 21.04 | 0.48 | 19.37 | <=38.45 | Pass |
| | | 25 | 0 | 21.04 | 0.48 | 19.37 | <=38.45 | Pass |
| | 819 | 1 | 0 | 22.09 | 0.48 | 20.42 | <=38.45 | Pass |
| | | | 13 | 22.20 | 0.48 | 20.53 | <=38.45 | Pass |
| | | | 24 | 22.01 | 0.48 | 20.34 | <=38.45 | Pass |
| | | 12 | 0 | 20.97 | 0.48 | 19.30 | <=38.45 | Pass |
| | | | 6 | 21.06 | 0.48 | 19.39 | <=38.45 | Pass |
| | | | 13 | 20.96 | 0.48 | 19.29 | <=38.45 | Pass |
| | | 25 | 0 | 21.04 | 0.48 | 19.37 | <=38.45 | Pass |
| | 821.5 | 1 | 0 | 22.02 | 0.48 | 20.35 | <=38.45 | Pass |
| | | | 13 | 22.21 | 0.48 | 20.54 | <=38.45 | Pass |
| | | | 24 | 22.12 | 0.48 | 20.45 | <=38.45 | Pass |
| | | 12 | 0 | 20.98 | 0.48 | 19.31 | <=38.45 | Pass |
| | | | 6 | 21.12 | 0.48 | 19.45 | <=38.45 | Pass |
| | | | 13 | 20.95 | 0.48 | 19.28 | <=38.45 | Pass |
| | | 25 | 0 | 20.97 | 0.48 | 19.30 | <=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 | 22.94 | 0.48 | 21.27 | <=38.45 | Pass |
| | | | 25 | 23.14 | 0.48 | 21.47 | <=38.45 | Pass |
| | | | 49 | 22.90 | 0.48 | 21.23 | <=38.45 | Pass |
| | | 25 | 0 | 21.90 | 0.48 | 20.23 | <=38.45 | Pass |
| | | | 13 | 22.01 | 0.48 | 20.34 | <=38.45 | Pass |
| | | | 25 | 21.97 | 0.48 | 20.30 | <=38.45 | Pass |
| | | 50 | 0 | 21.93 | 0.48 | 20.26 | <=38.45 | Pass |
| 16QAM | 819 | 1 | 0 | 22.09 | 0.48 | 20.42 | <=38.45 | Pass |
| | | | 25 | 22.22 | 0.48 | 20.55 | <=38.45 | Pass |
| | | | 49 | 21.77 | 0.48 | 20.10 | <=38.45 | Pass |
| | | 25 | 0 | 21.05 | 0.48 | 19.38 | <=38.45 | Pass |
| | | | 13 | 21.07 | 0.48 | 19.40 | <=38.45 | Pass |
| | | | 25 | 21.02 | 0.48 | 19.35 | <=38.45 | Pass |
| | | 50 | 0 | 21.03 | 0.48 | 19.36 | <=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 | -3.791 | -0.0047 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -4.807 | -0.0059 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -6.609 | -0.0081 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -7.367 | -0.0090 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -6.995 | -0.0086 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -10.757 | -0.0132 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -5.465 | -0.0067 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -5.064 | -0.0062 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -5.722 | -0.0070 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -9.584 | -0.0118 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -10.386 | -0.0127 | -2.5 to 2.5 | Pass |
| | 819 | 6 | 0 | 20 | 3.27 | -9.799 | -0.0120 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -8.411 | -0.0103 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -6.037 | -0.0074 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -6.065 | -0.0074 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -8.168 | -0.0100 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -3.033 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -7.796 | -0.0095 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -6.309 | -0.0077 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -6.137 | -0.0075 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -5.178 | -0.0063 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -1.974 | -0.0024 | -2.5 to 2.5 | Pass |
| | 823.3 | 6 | 0 | 20 | 3.27 | -7.882 | -0.0096 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -5.193 | -0.0063 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 4.43 | -7.124 | -0.0087 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -10.743 | -0.0130 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.605 | 0.0044 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -4.392 | -0.0053 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -2.432 | -0.0030 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -3.991 | -0.0048 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -2.904 | -0.0035 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -4.106 | -0.0050 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -10.600 | -0.0129 | -2.5 to 2.5 | Pass |
| 16QAM | 814.7 | 6 | 0 | 20 | 3.27 | -2.904 | -0.0036 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -6.680 | -0.0082 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -6.595 | -0.0081 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -8.540 | -0.0105 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -7.539 | -0.0093 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -4.478 | -0.0055 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -3.619 | -0.0044 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -6.552 | -0.0080 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -5.708 | -0.0070 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -7.610 | -0.0093 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -5.121 | -0.0063 | -2.5 to 2.5 | Pass |
| | 819 | 6 | 0 | 20 | 3.27 | -3.891 | -0.0048 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -0.300 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -1.974 | -0.0024 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -9.184 | -0.0112 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -7.367 | -0.0090 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -0.801 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -9.985 | -0.0122 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -5.350 | -0.0065 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -1.760 | -0.0021 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -8.240 | -0.0101 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -5.078 | -0.0062 | -2.5 to 2.5 | Pass |
| | 823.3 | 6 | 0 | 20 | 3.27 | -8.111 | -0.0099 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -6.967 | -0.0085 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -14.763 | -0.0179 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -8.783 | -0.0107 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -8.240 | -0.0100 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -5.450 | -0.0066 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.587 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -0.544 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -2.217 | -0.0027 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -5.751 | -0.0070 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -8.655 | -0.0105 | -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 | -6.723 | -0.0082 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -6.495 | -0.0080 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 4.43 | -8.225 | -0.0101 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -4.277 | -0.0052 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -7.138 | -0.0088 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -7.067 | -0.0087 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -7.668 | -0.0094 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -7.725 | -0.0095 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -9.885 | -0.0121 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -9.069 | -0.0111 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -8.168 | -0.0100 | -2.5 to 2.5 | Pass |
| | 819 | 15 | 0 | 20 | 3.27 | -5.307 | -0.0065 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -2.232 | -0.0027 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -5.536 | -0.0068 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -7.339 | -0.0090 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -5.908 | -0.0072 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -8.183 | -0.0100 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -3.562 | -0.0043 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -6.251 | -0.0076 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -6.809 | -0.0083 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -0.629 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.572 | 0.0007 | -2.5 to 2.5 | Pass |
| | 822.5 | 15 | 0 | 20 | 3.27 | -5.350 | -0.0065 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -9.871 | -0.0120 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -5.178 | -0.0063 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -4.435 | -0.0054 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -6.251 | -0.0076 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -10.600 | -0.0129 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -10.800 | -0.0131 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -2.589 | -0.0031 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -7.739 | -0.0094 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -7.339 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -7.854 | -0.0095 | -2.5 to 2.5 | Pass |
| 16QAM | 815.5 | 15 | 0 | 20 | 3.27 | -4.692 | -0.0058 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -1.330 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -8.097 | -0.0099 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -6.266 | -0.0077 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -4.921 | -0.0060 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -8.740 | -0.0107 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -7.281 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -7.753 | -0.0095 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -5.507 | -0.0068 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -7.582 | -0.0093 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -8.941 | -0.0110 | -2.5 to 2.5 | Pass |
| | 819 | 15 | 0 | 20 | 3.27 | -5.679 | -0.0069 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -4.578 | -0.0056 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -7.410 | -0.0090 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -1.774 | -0.0022 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -5.164 | -0.0063 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -5.608 | -0.0068 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.161 | 0.0039 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -5.980 | -0.0073 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -2.232 | -0.0027 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -1.903 | -0.0023 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -2.832 | -0.0035 | -2.5 to 2.5 | Pass |
| | 822.5 | 15 | 0 | 20 | 3.27 | -11.387 | -0.0138 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -8.483 | -0.0103 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 4.43 | -9.284 | -0.0113 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -4.320 | -0.0053 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -9.398 | -0.0114 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -10.815 | -0.0131 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -3.748 | -0.0046 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -11.044 | -0.0134 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -1.845 | -0.0022 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -5.379 | -0.0065 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -9.427 | -0.0115 | -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 | -2.832 | -0.0035 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -6.137 | -0.0075 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -4.349 | -0.0053 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -6.208 | -0.0076 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -3.433 | -0.0042 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -3.648 | -0.0045 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -4.864 | -0.0060 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -7.510 | -0.0092 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -5.479 | -0.0067 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -8.054 | -0.0099 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -6.423 | -0.0079 | -2.5 to 2.5 | Pass |
| | 819 | 25 | 0 | 20 | 3.27 | -8.554 | -0.0104 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -3.090 | -0.0038 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -6.237 | -0.0076 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -5.178 | -0.0063 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -2.389 | -0.0029 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -1.588 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -6.237 | -0.0076 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -5.965 | -0.0073 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -7.281 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -5.851 | -0.0071 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -4.334 | -0.0053 | -2.5 to 2.5 | Pass |
| | 821.5 | 25 | 0 | 20 | 3.27 | -9.298 | -0.0113 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -5.364 | -0.0065 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -6.409 | -0.0078 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -5.507 | -0.0067 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -8.526 | -0.0104 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -8.311 | -0.0101 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -6.909 | -0.0084 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -5.307 | -0.0065 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -3.233 | -0.0039 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -0.801 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -6.509 | -0.0079 | -2.5 to 2.5 | Pass |
| 16QAM | 816.5 | 25 | 0 | 20 | 3.27 | -6.452 | -0.0079 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -8.254 | -0.0101 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 4.43 | -3.033 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -4.706 | -0.0058 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -6.924 | -0.0085 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -3.490 | -0.0043 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -6.781 | -0.0083 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -3.262 | -0.0040 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -1.616 | -0.0020 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -4.764 | -0.0058 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -3.204 | -0.0039 | -2.5 to 2.5 | Pass |
| | 819 | 25 | 0 | 20 | 3.27 | -7.396 | -0.0090 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -6.566 | -0.0080 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -6.380 | -0.0078 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -1.659 | -0.0020 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.001 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -5.350 | -0.0065 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 2.618 | 0.0032 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -8.054 | -0.0098 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -5.322 | -0.0065 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -6.638 | -0.0081 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -2.518 | -0.0031 | -2.5 to 2.5 | Pass |
| | 821.5 | 25 | 0 | 20 | 3.27 | -7.167 | -0.0087 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -5.937 | -0.0072 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -3.290 | -0.0040 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -2.875 | -0.0035 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -5.708 | -0.0069 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -9.298 | -0.0113 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -6.495 | -0.0079 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -4.306 | -0.0052 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -8.698 | -0.0106 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -4.148 | -0.0050 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -6.266 | -0.0076 | -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 | -5.865 | -0.0072 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -5.107 | -0.0062 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -6.180 | -0.0075 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -7.267 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -4.663 | -0.0057 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -3.519 | -0.0043 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -9.212 | -0.0112 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -6.809 | -0.0083 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -4.792 | -0.0059 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -5.608 | -0.0068 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -8.497 | -0.0104 | -2.5 to 2.5 | Pass |
| 16QAM | 819 | 50 | 0 | 20 | 3.27 | -5.851 | -0.0071 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -7.982 | -0.0097 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 4.43 | -4.878 | -0.0060 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -5.894 | -0.0072 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -4.005 | -0.0049 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -8.969 | -0.0110 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -4.406 | -0.0054 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -3.705 | -0.0045 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -4.907 | -0.0060 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -6.995 | -0.0085 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -7.124 | -0.0087 | -2.5 to 2.5 | Pass |

# 3. Modulation Characteristics

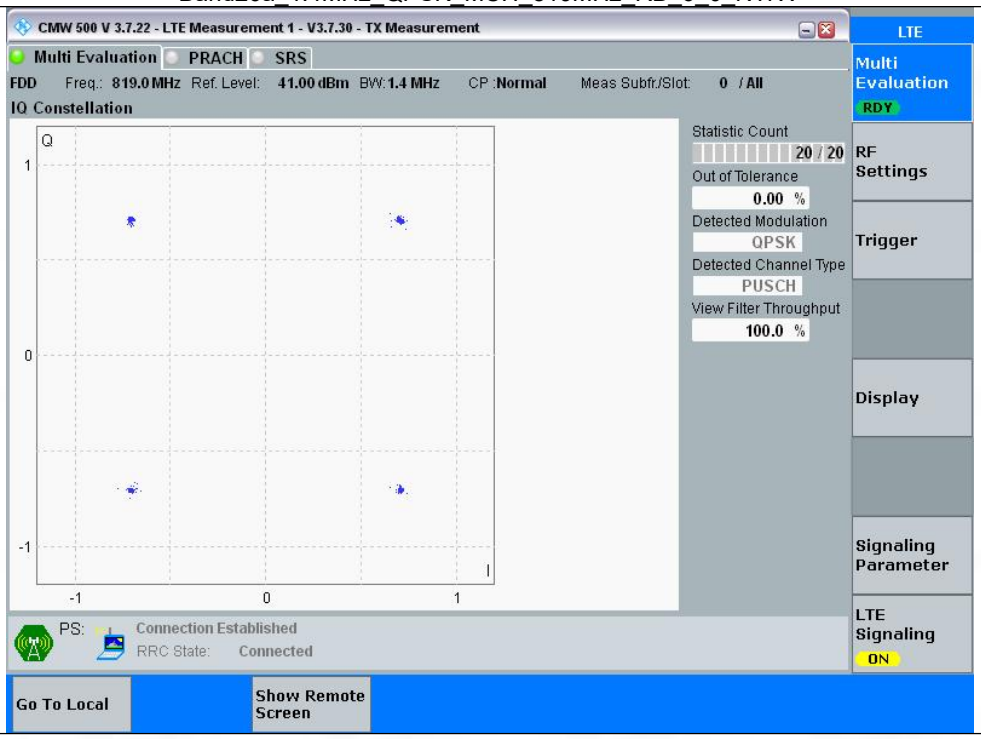
## 3.1 B26a_1.4MHz

### 3.1.1 Test Result

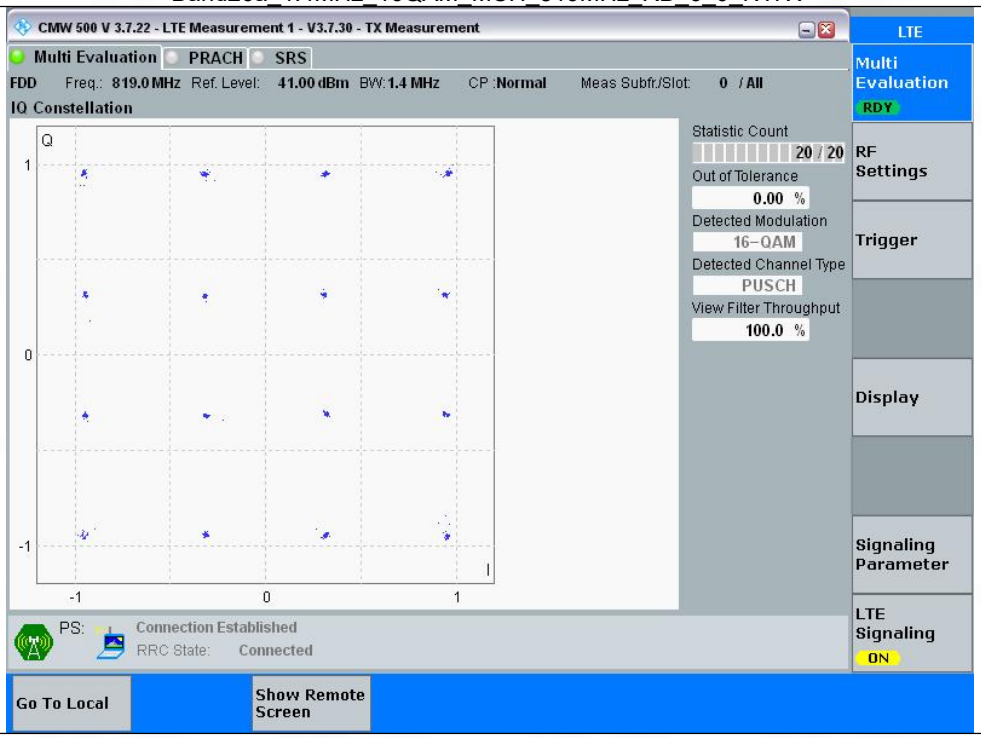
| Band: 26a / Bandwidth: 1.4MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 819 | 6 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 819 | 6 | 0 | Refer To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

### 3.1.2 Test Graph

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV




Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



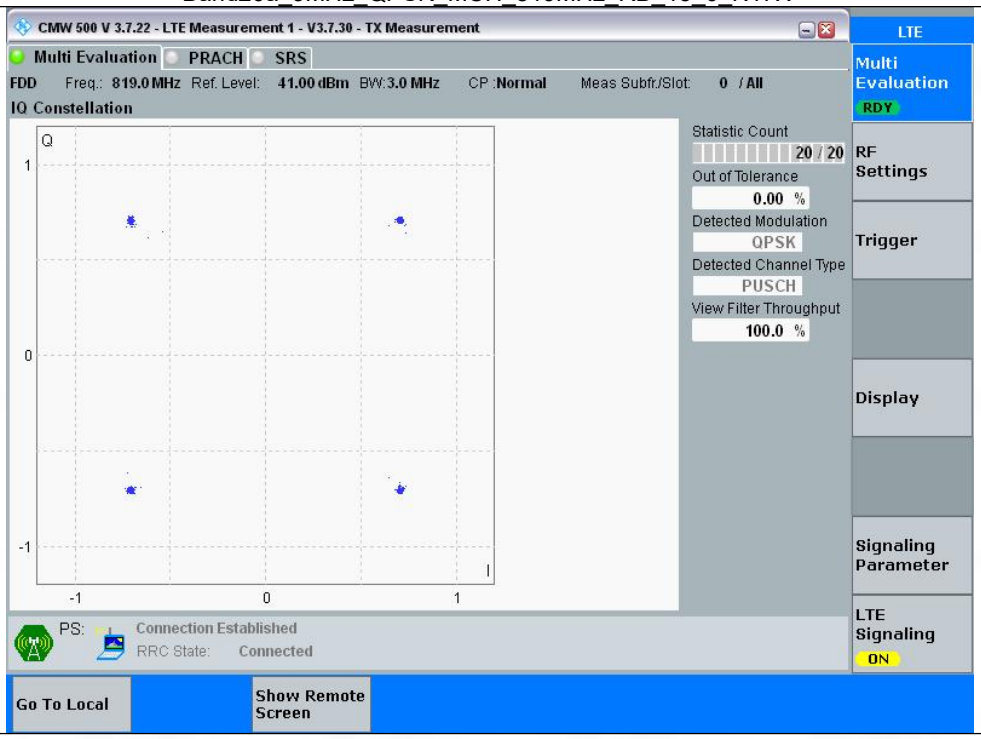
## 3.2 B26a_3MHz

### 3.2.1 Test Result

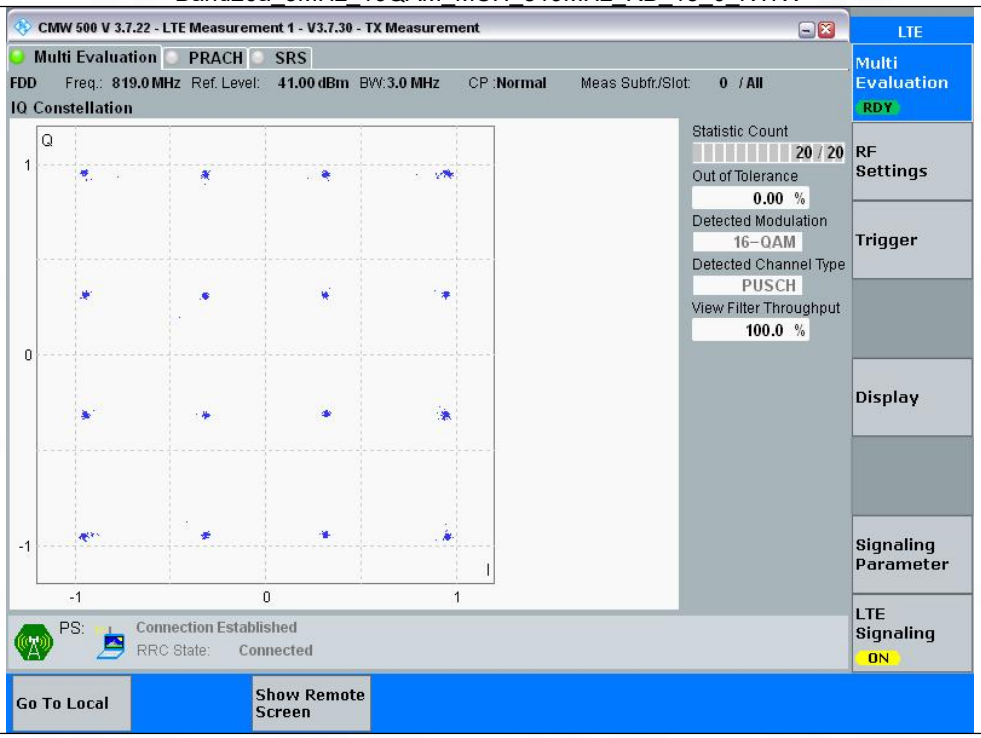
| Band: 26a / Bandwidth: 3MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 819 | 15 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 819 | 15 | 0 | Refer To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

### 3.2.2 Test Graph

Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV




Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



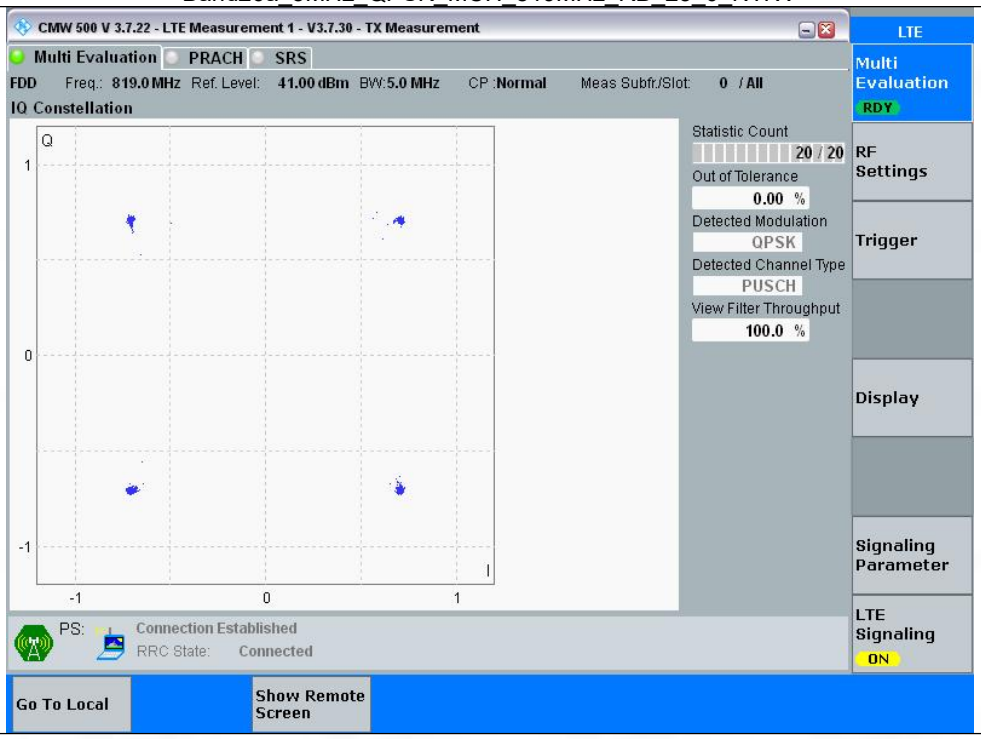
## 3.3 B26a_5MHz

### 3.3.1 Test Result

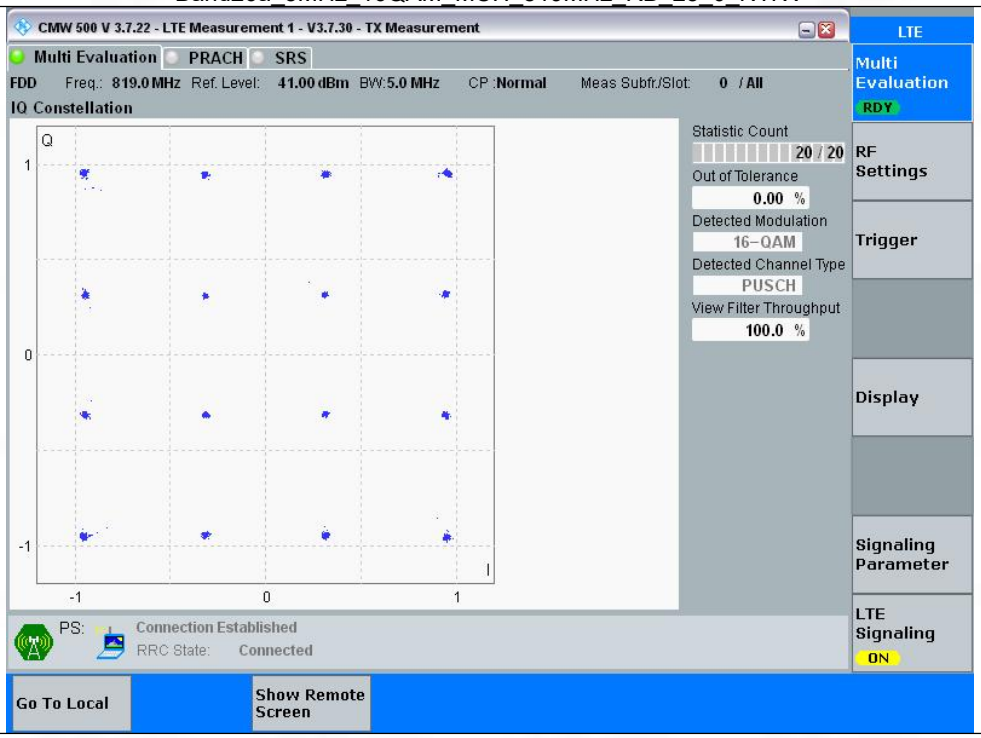
| Band: 26a / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 819 | 25 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 819 | 25 | 0 | Refer To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

### 3.3.2 Test Graph

Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV




Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



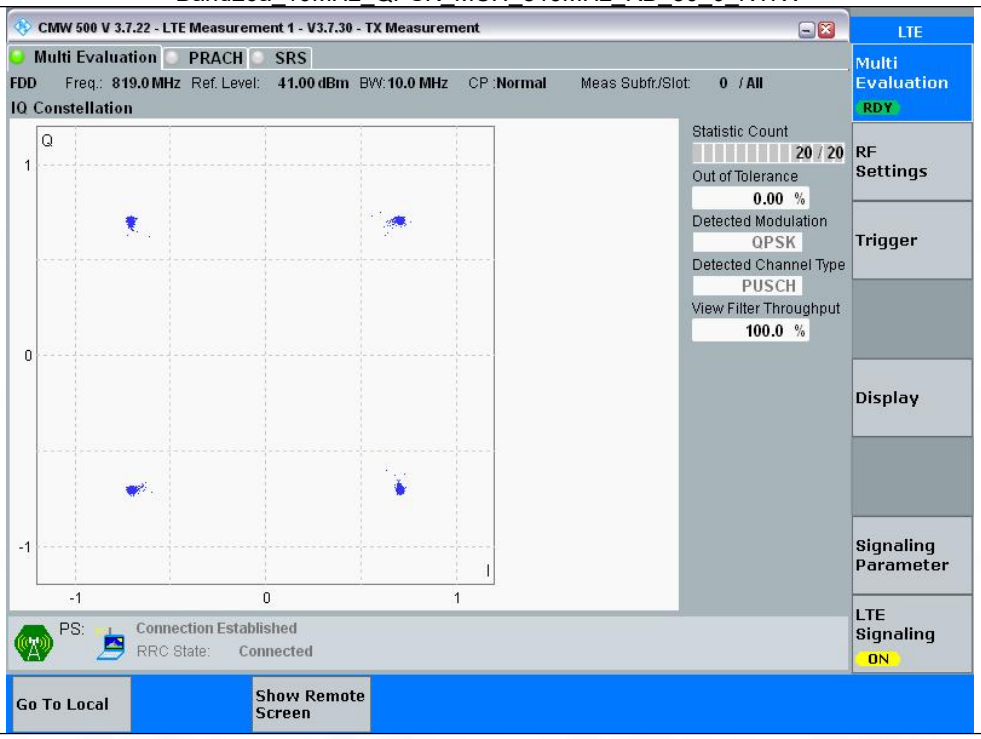
## 3.4 B26a_10MHz

### 3.4.1 Test Result

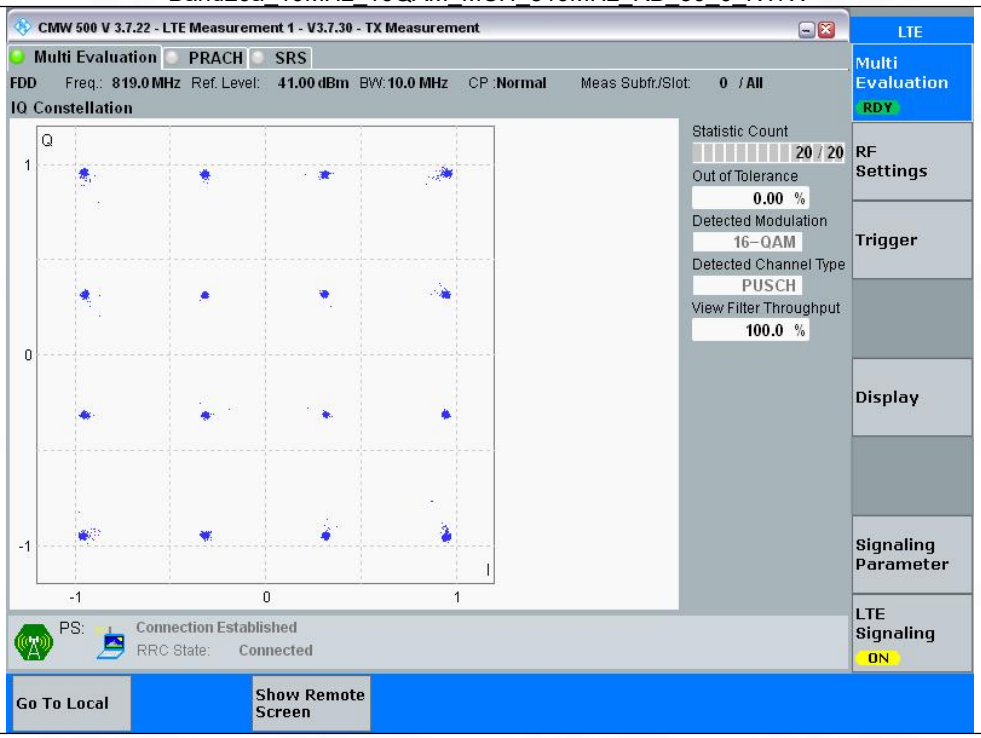
| Band: 26a / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 819 | 50 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 819 | 50 | 0 | Refer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

### 3.4.2 Test Graph

Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV




Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



# 4. 99% & 26dB Bandwidth

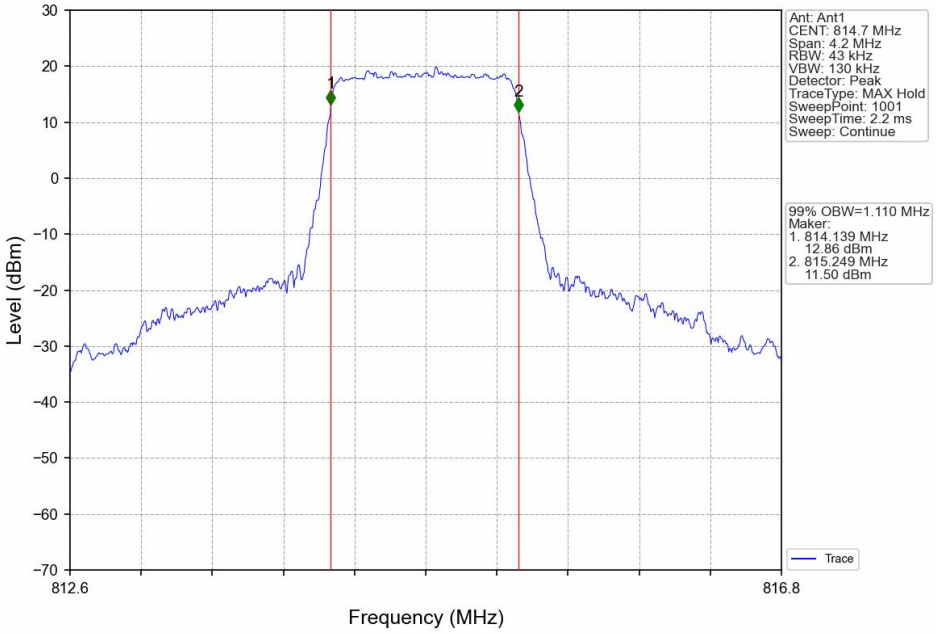
## 4.1 Band26a_OBW

### 4.1.1 Test Result

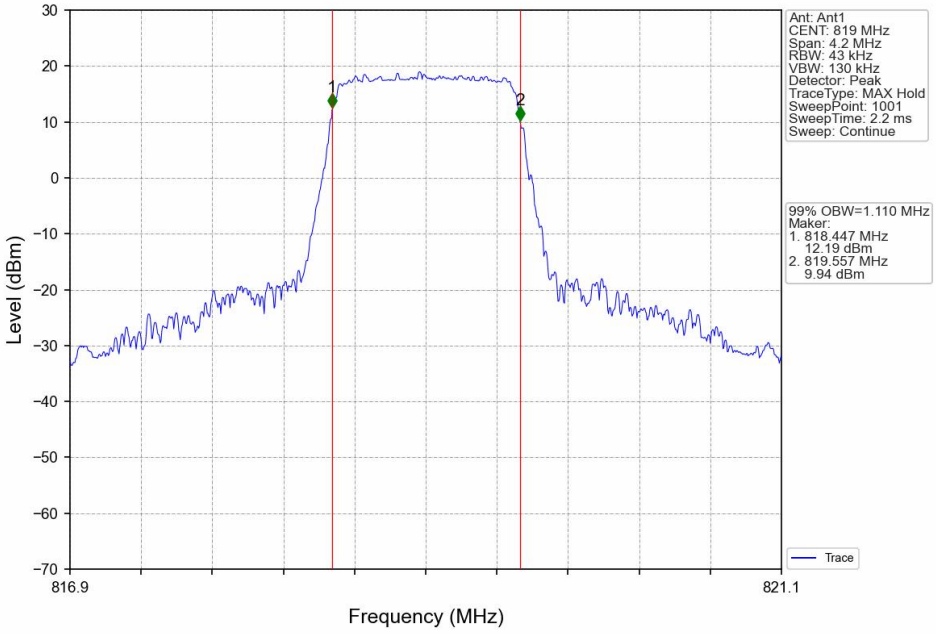
| Band: 26a / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | Verdict |
| | | | Size | Offset | Result | |
| 1.4 | QPSK | 814.7 | 6 | 0 | 1.110 | Pass |
| | | 819 | 6 | 0 | 1.110 | Pass |
| | | 823.3 | 6 | 0 | 1.113 | Pass |
| | 16QAM | 814.7 | 6 | 0 | 1.110 | Pass |
| | | 819 | 6 | 0 | 1.110 | Pass |
| | | 823.3 | 6 | 0 | 1.107 | Pass |
| 3 | QPSK | 815.5 | 15 | 0 | 2.731 | Pass |
| | | 819 | 15 | 0 | 2.735 | Pass |
| | | 822.5 | 15 | 0 | 2.732 | Pass |
| | 16QAM | 815.5 | 15 | 0 | 2.716 | Pass |
| | | 819 | 15 | 0 | 2.726 | Pass |
| | | 822.5 | 15 | 0 | 2.729 | Pass |
| 5 | QPSK | 816.5 | 25 | 0 | 4.557 | Pass |
| | | 819 | 25 | 0 | 4.567 | Pass |
| | | 821.5 | 25 | 0 | 4.592 | Pass |
| | 16QAM | 816.5 | 25 | 0 | 4.563 | Pass |
| | | 819 | 25 | 0 | 4.613 | Pass |
| | | 821.5 | 25 | 0 | 4.575 | Pass |
| 10 | QPSK | 819 | 50 | 0 | 9.057 | Pass |
| | 16QAM | 819 | 50 | 0 | 9.076 | Pass |

## 4.1.2 Test Graph

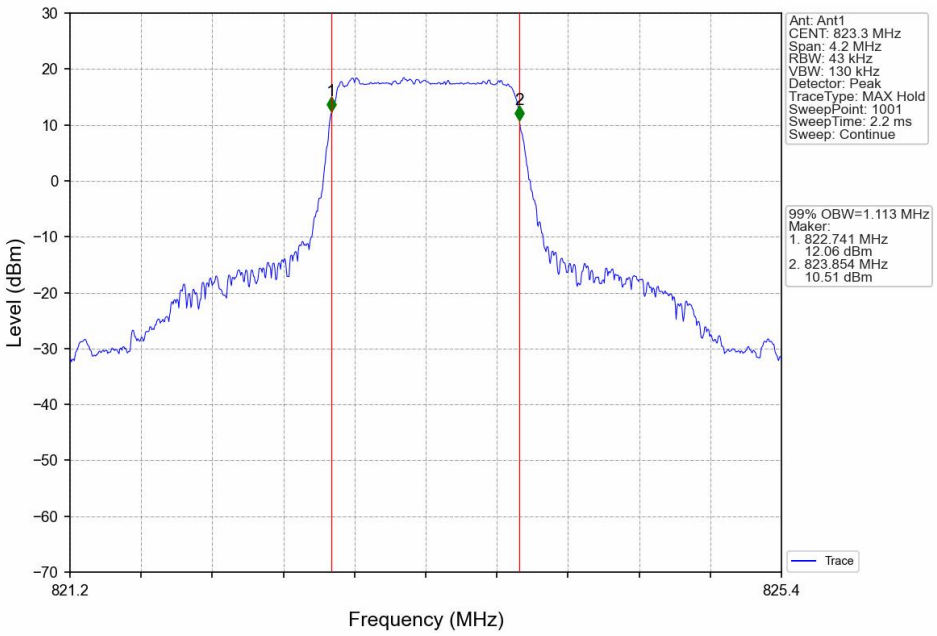
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



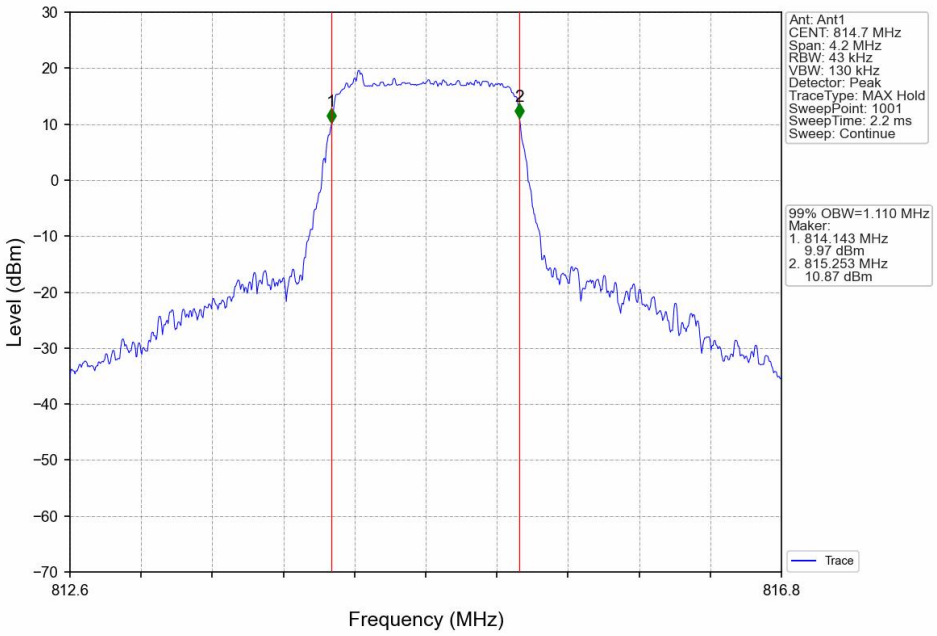

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



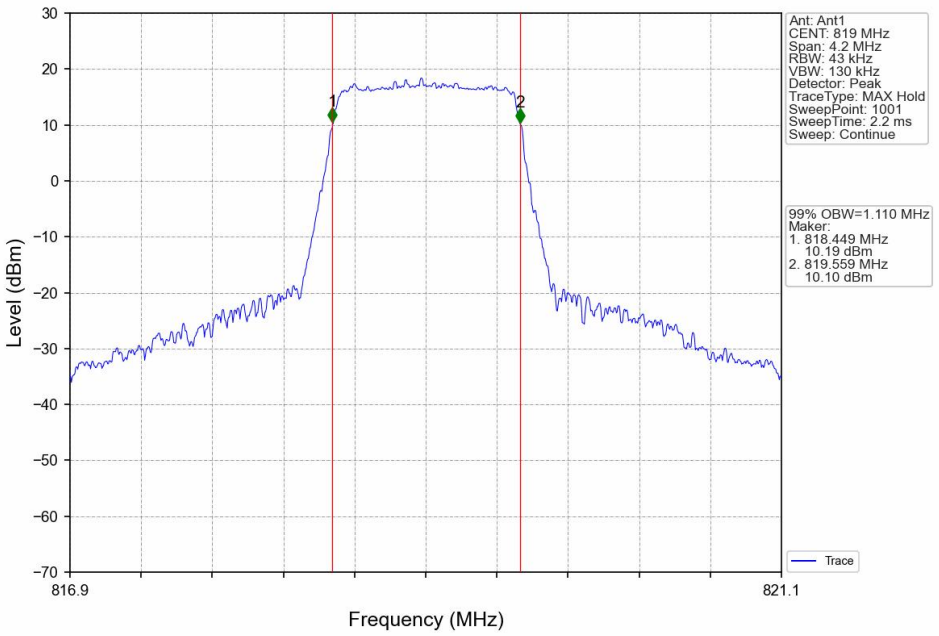
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



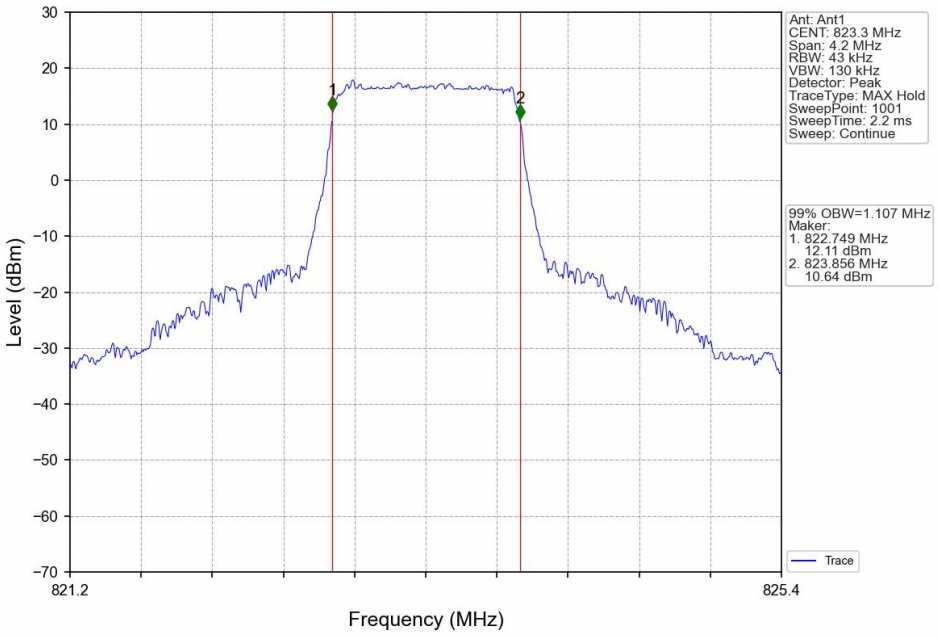

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



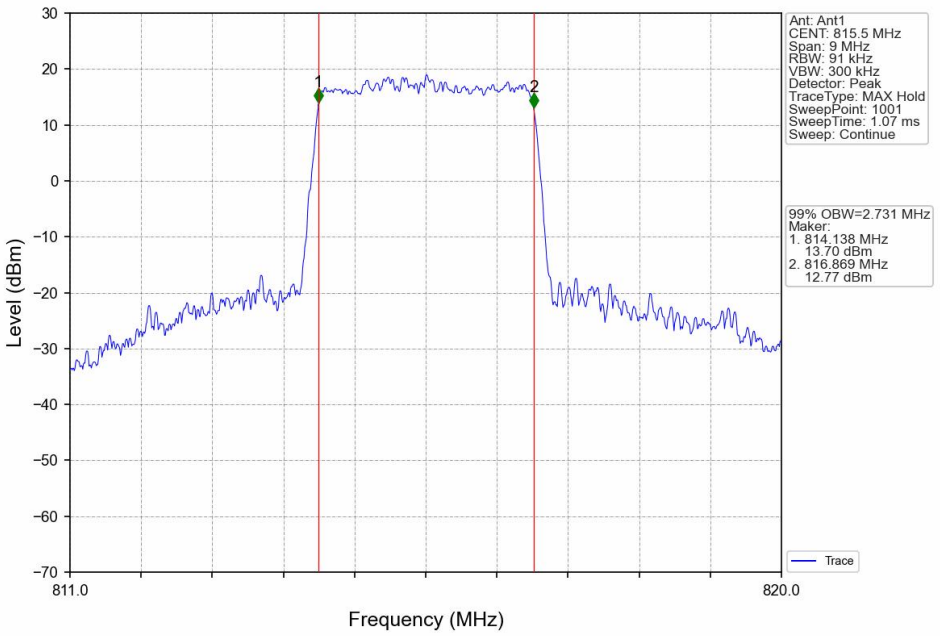
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



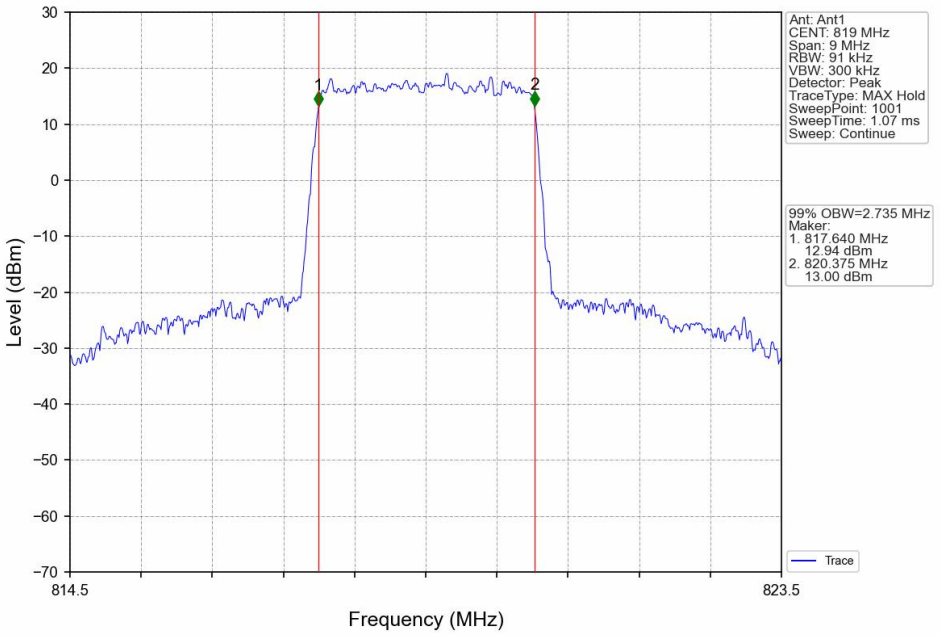

Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



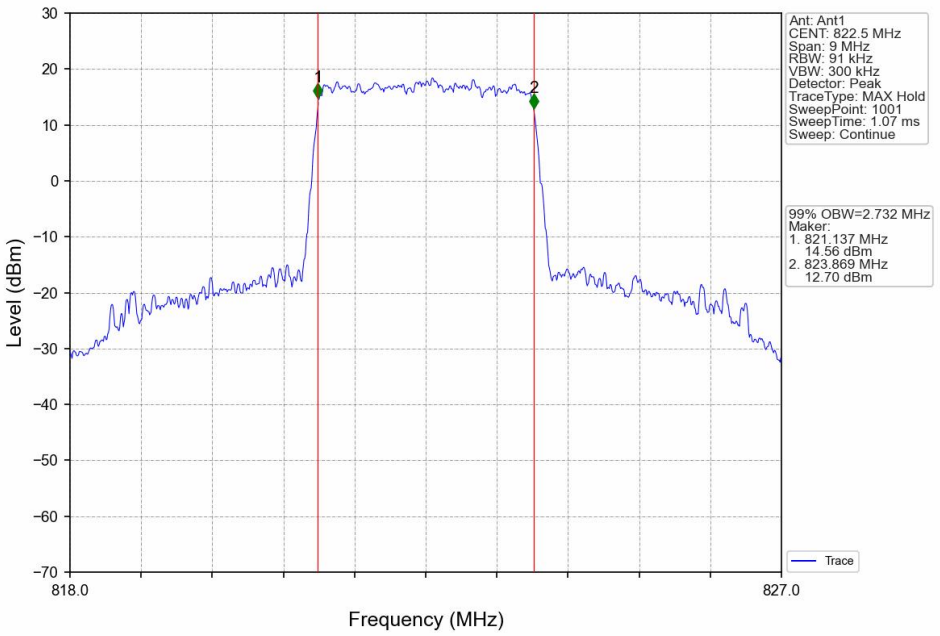
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



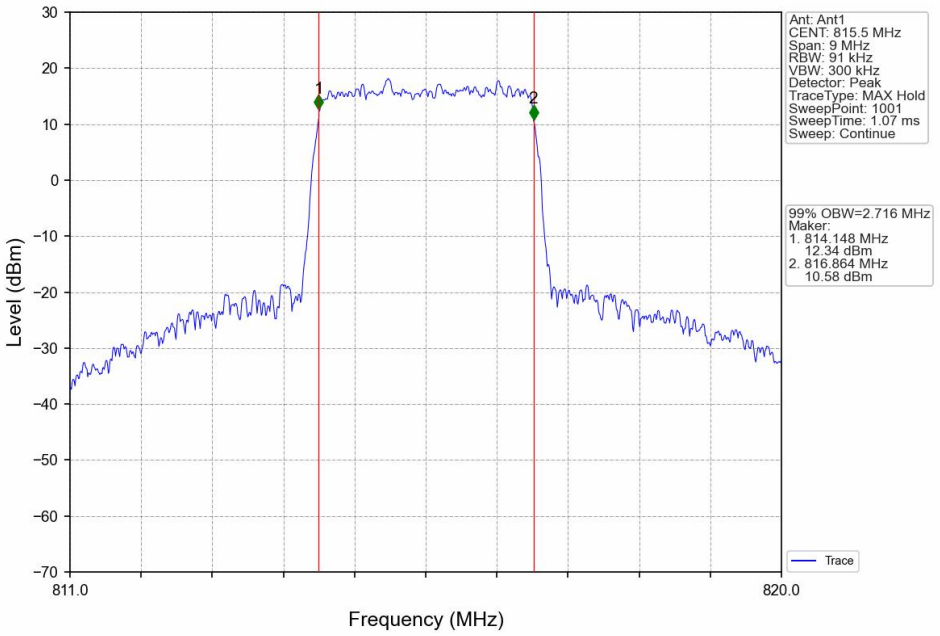

Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



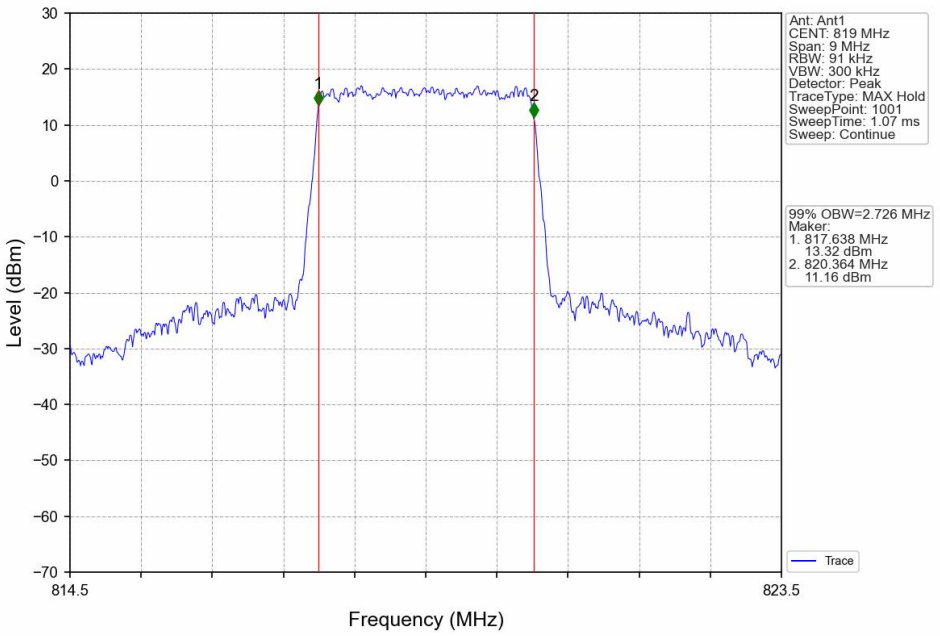
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



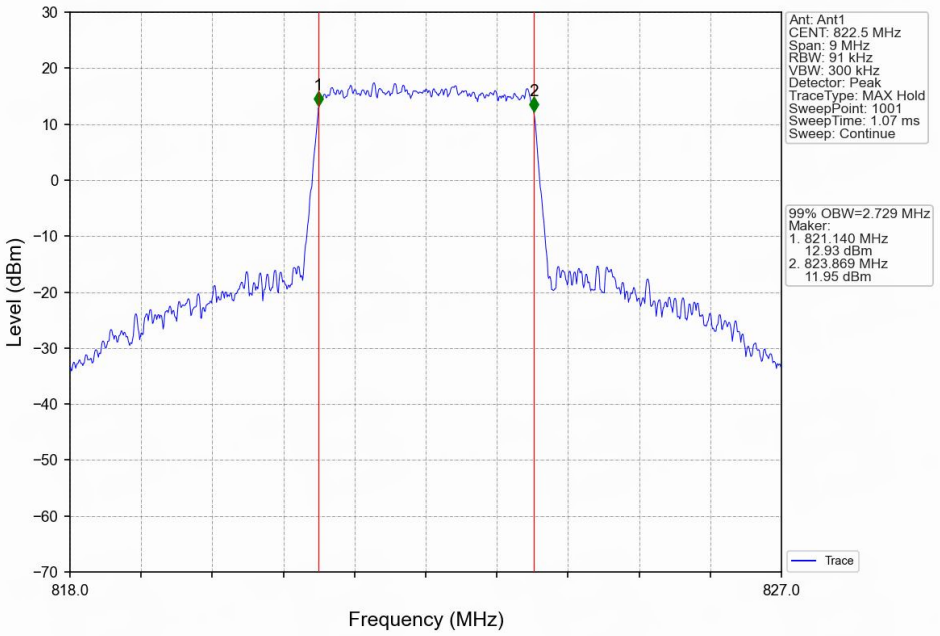

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



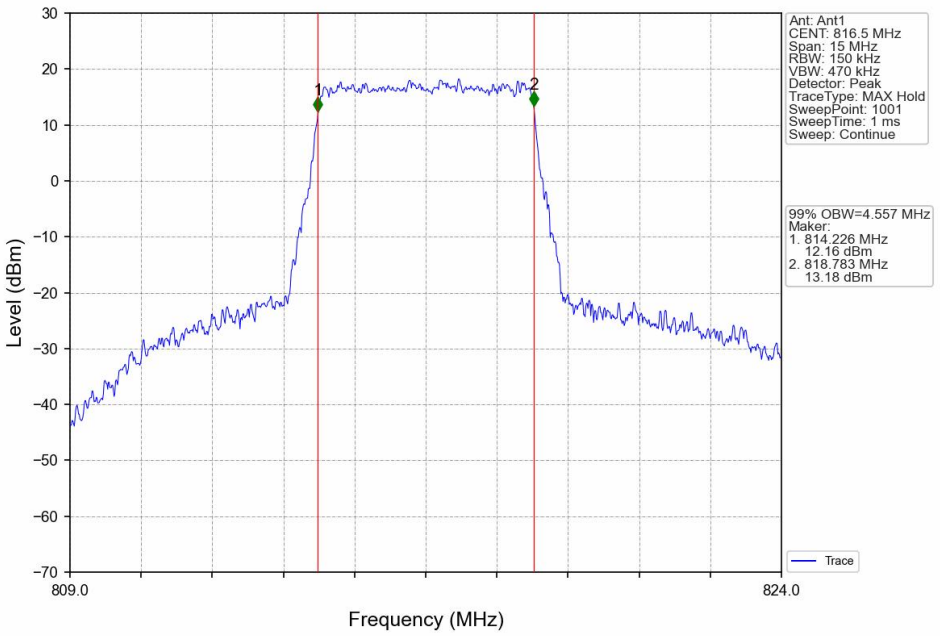
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



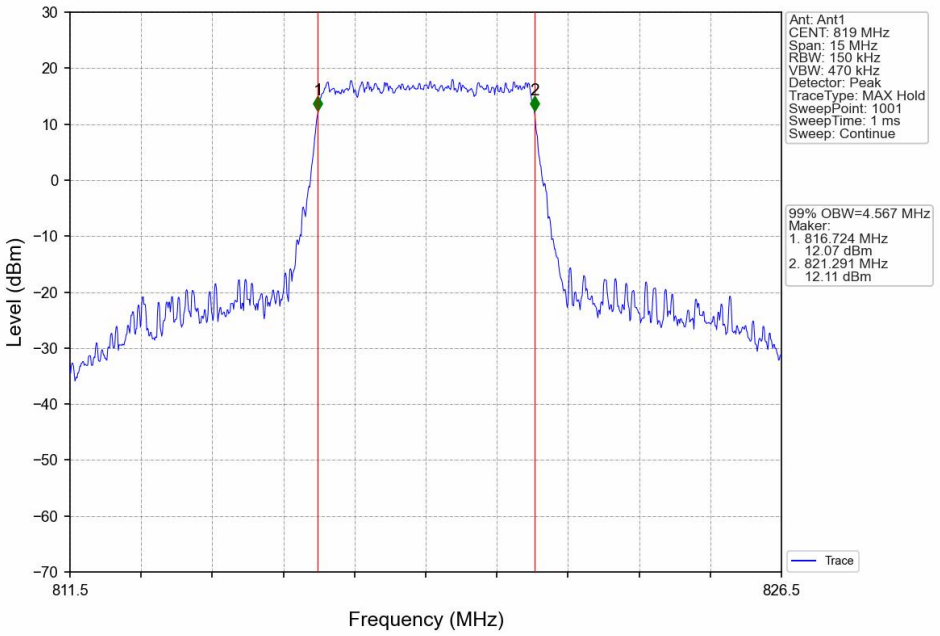

Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



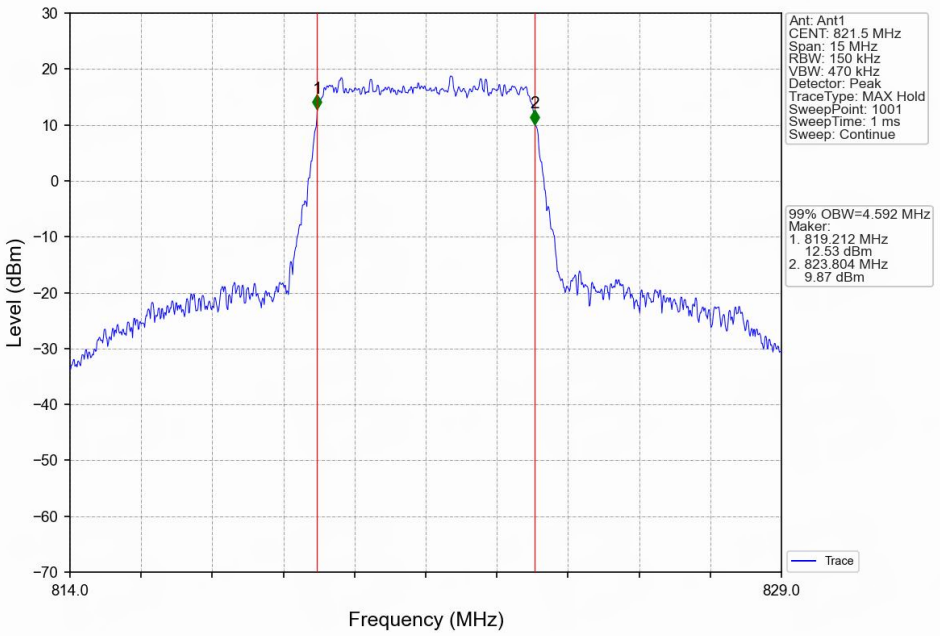
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



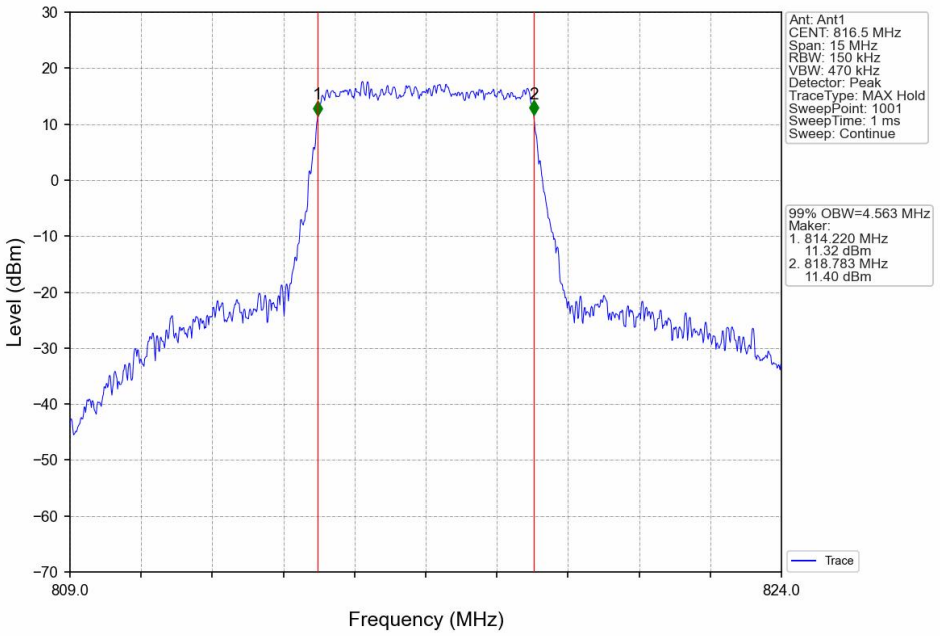

Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



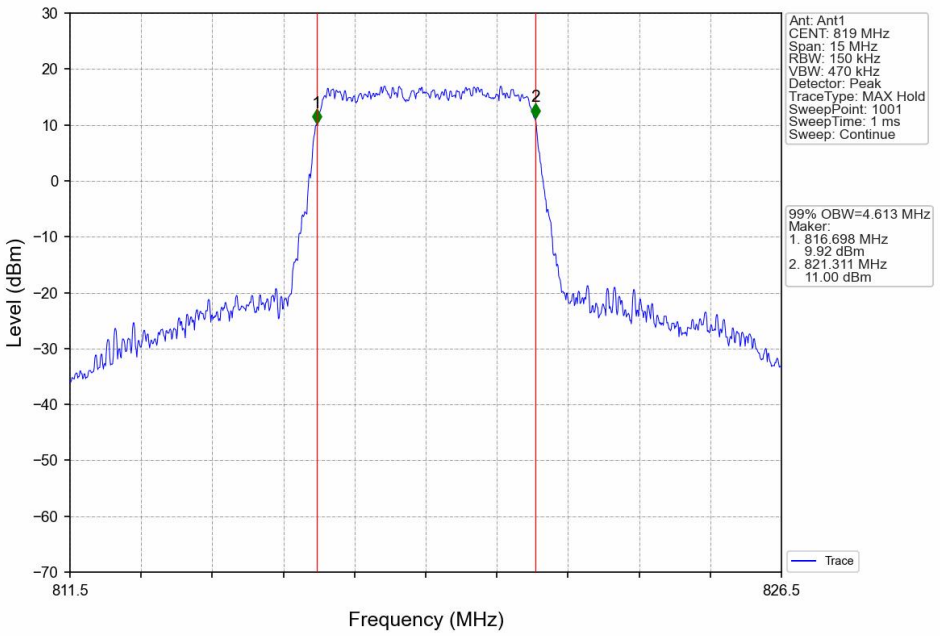
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



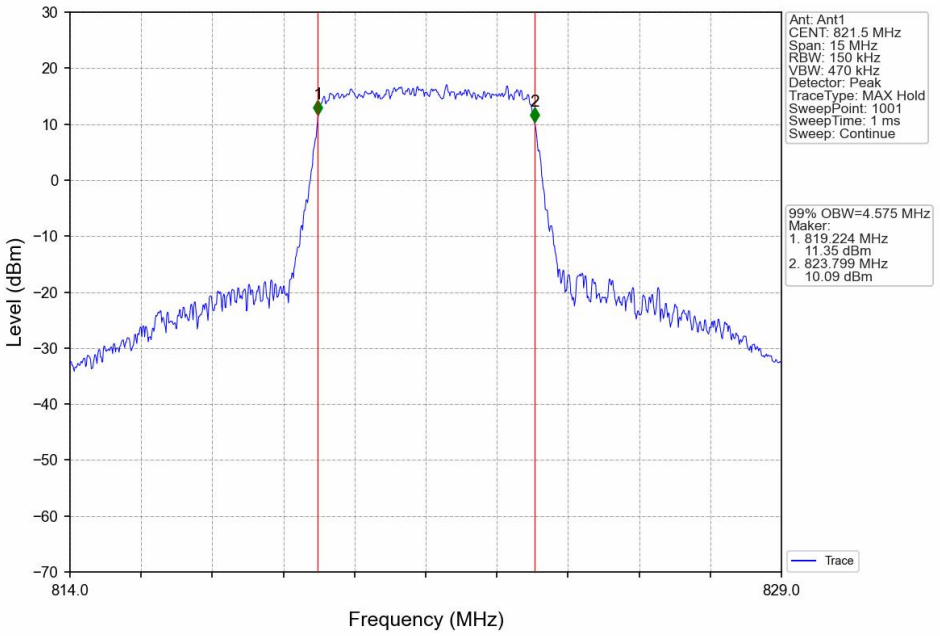

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



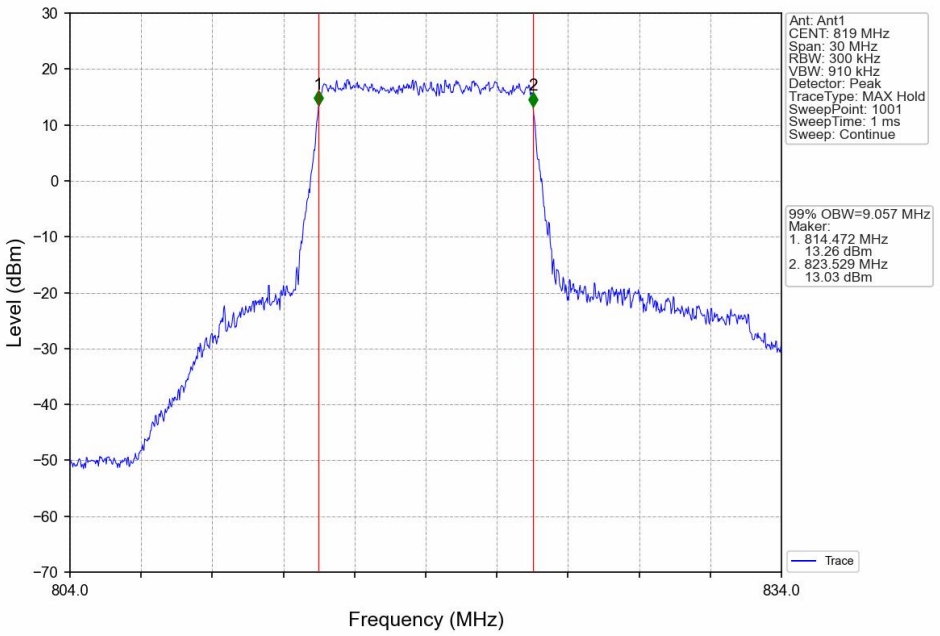
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



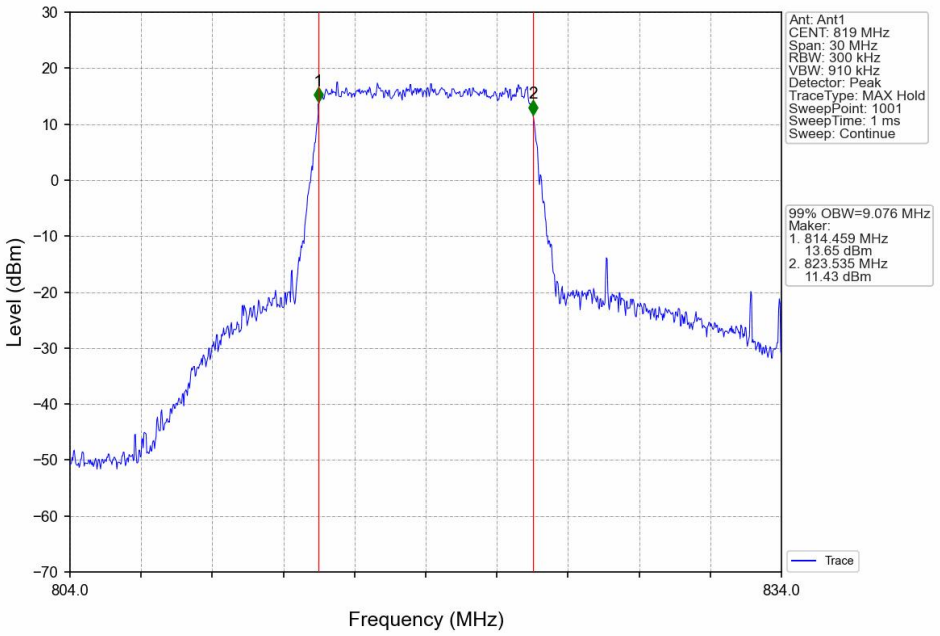

Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV




Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



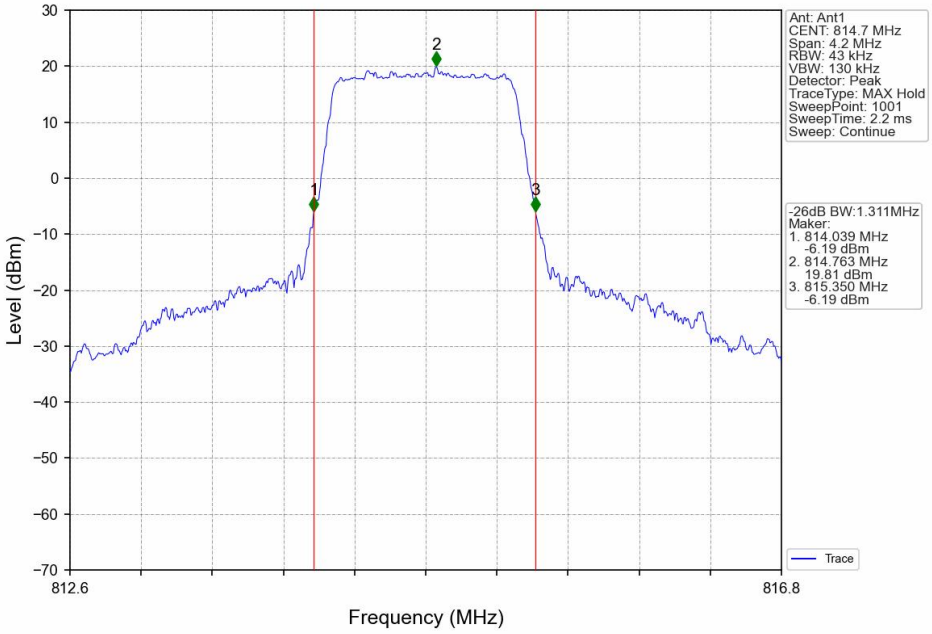
## 4.2 Band26a_XDB

### 4.2.1 Test Result

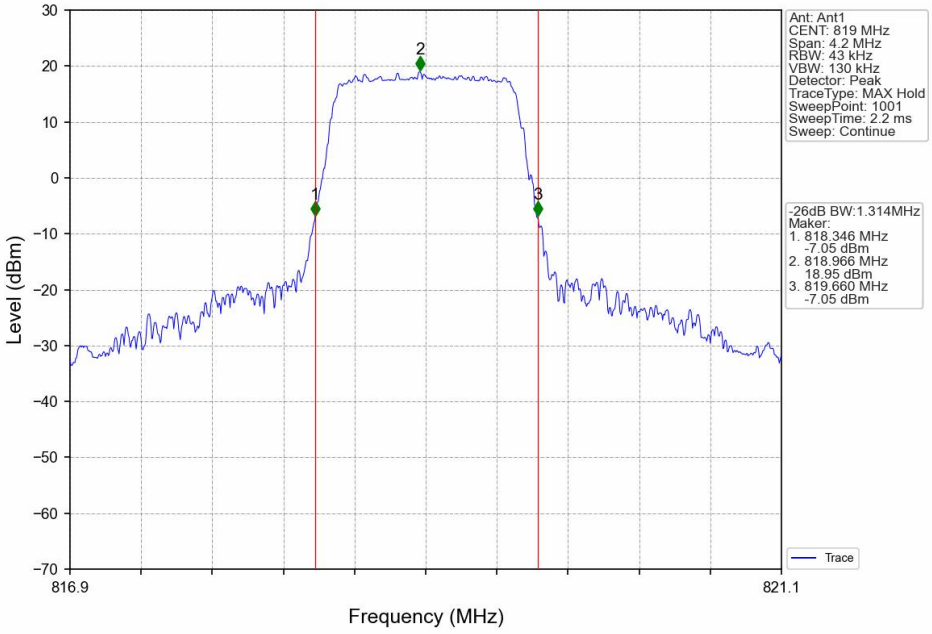
| Band: 26a / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | Verdict |
| | | | Size | Offset | Result | |
| 1.4 | QPSK | 814.7 | 6 | 0 | 1.311 | Pass |
| | | 819 | 6 | 0 | 1.314 | Pass |
| | | 823.3 | 6 | 0 | 1.338 | Pass |
| | 16QAM | 814.7 | 6 | 0 | 1.306 | Pass |
| | | 819 | 6 | 0 | 1.319 | Pass |
| | | 823.3 | 6 | 0 | 1.306 | Pass |
| 3 | QPSK | 815.5 | 15 | 0 | 2.992 | Pass |
| | | 819 | 15 | 0 | 2.990 | Pass |
| | | 822.5 | 15 | 0 | 2.997 | Pass |
| | 16QAM | 815.5 | 15 | 0 | 2.976 | Pass |
| | | 819 | 15 | 0 | 3.019 | Pass |
| | | 822.5 | 15 | 0 | 2.999 | Pass |
| 5 | QPSK | 816.5 | 25 | 0 | 5.237 | Pass |
| | | 819 | 25 | 0 | 5.250 | Pass |
| | | 821.5 | 25 | 0 | 5.246 | Pass |
| | 16QAM | 816.5 | 25 | 0 | 5.286 | Pass |
| | | 819 | 25 | 0 | 5.285 | Pass |
| | | 821.5 | 25 | 0 | 5.310 | Pass |
| 10 | QPSK | 819 | 50 | 0 | 10.378 | Pass |
| | 16QAM | 819 | 50 | 0 | 10.186 | Pass |

## 4.2.2 Test Graph

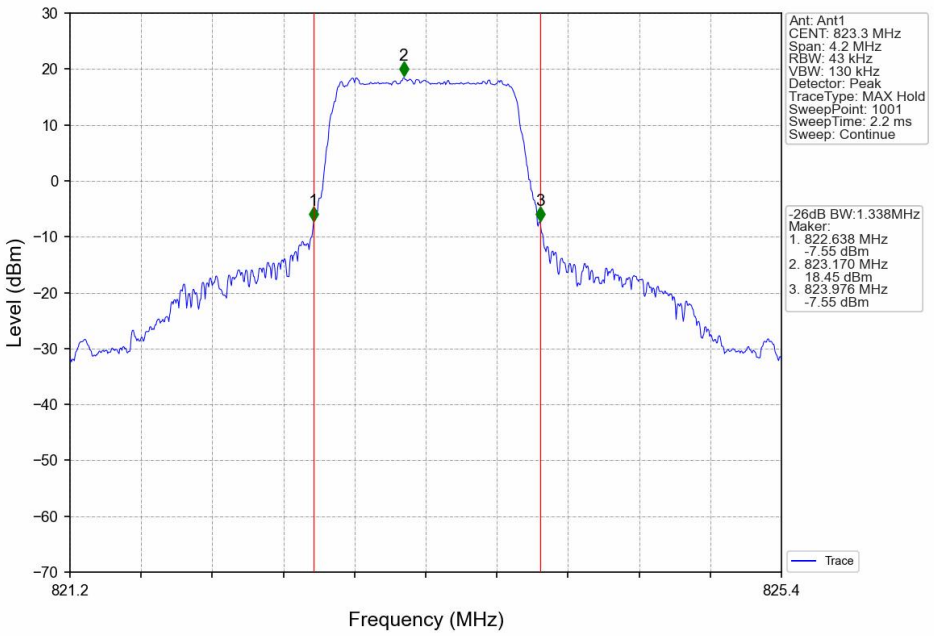
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



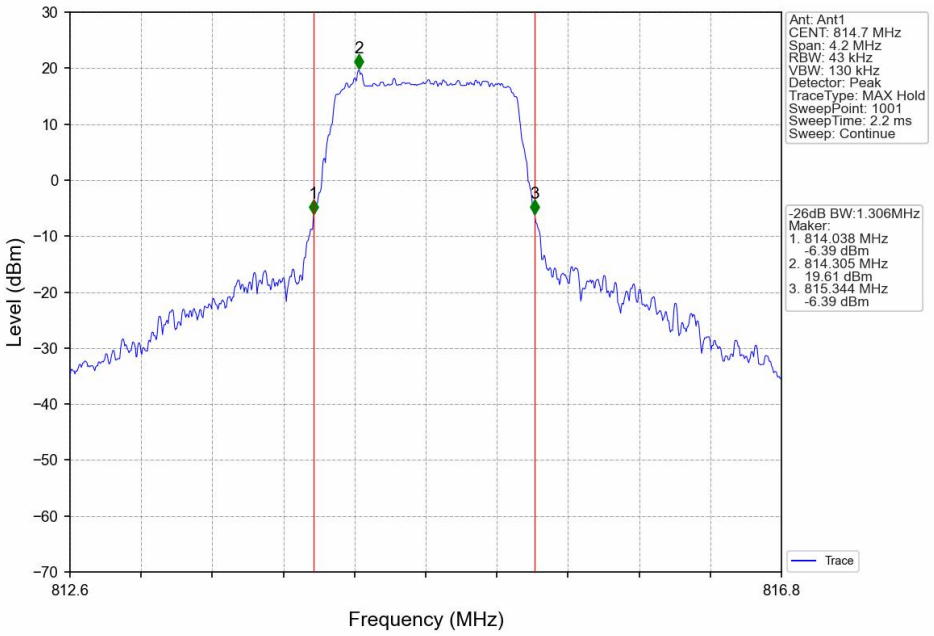

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



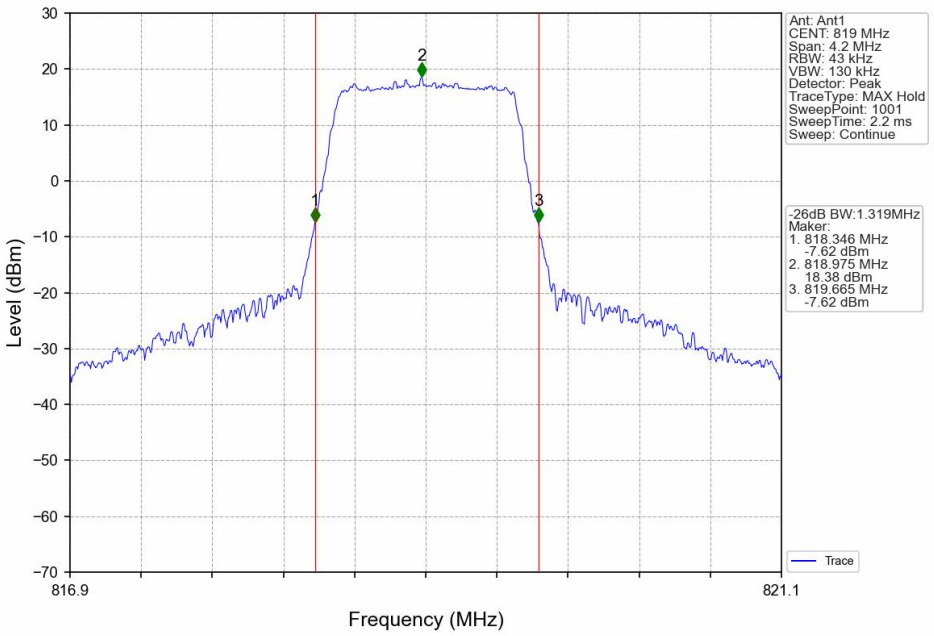
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



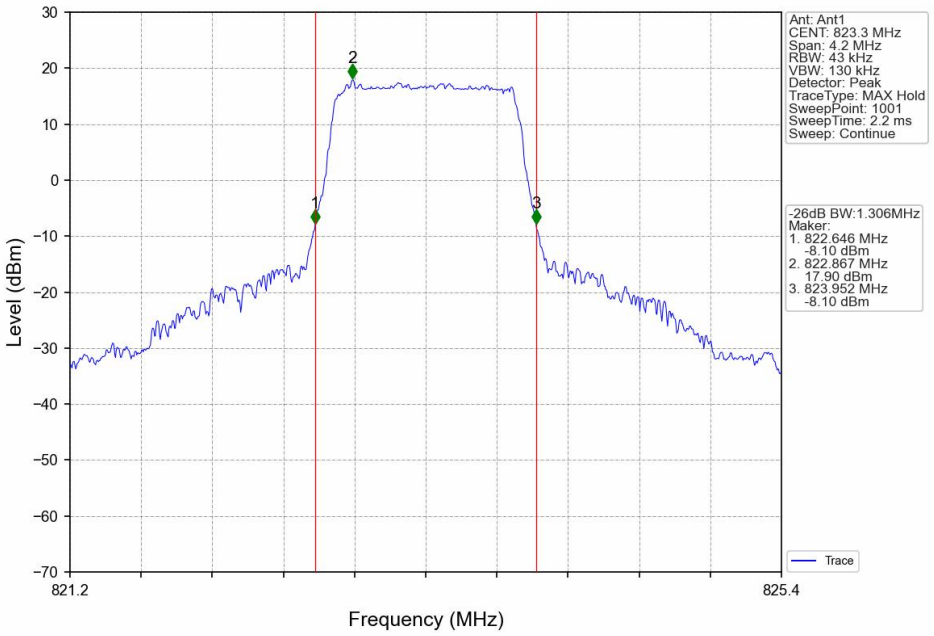

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



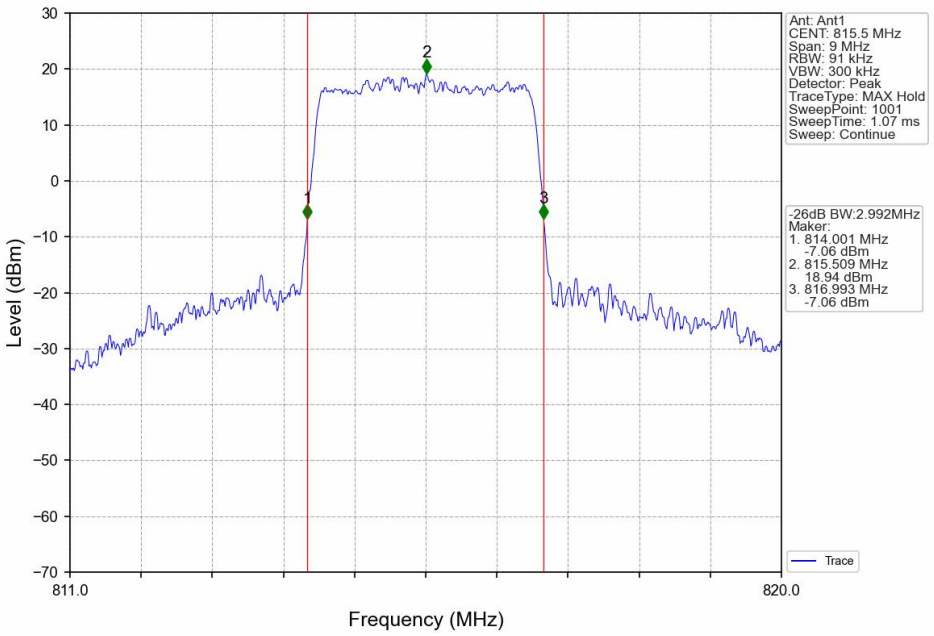
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



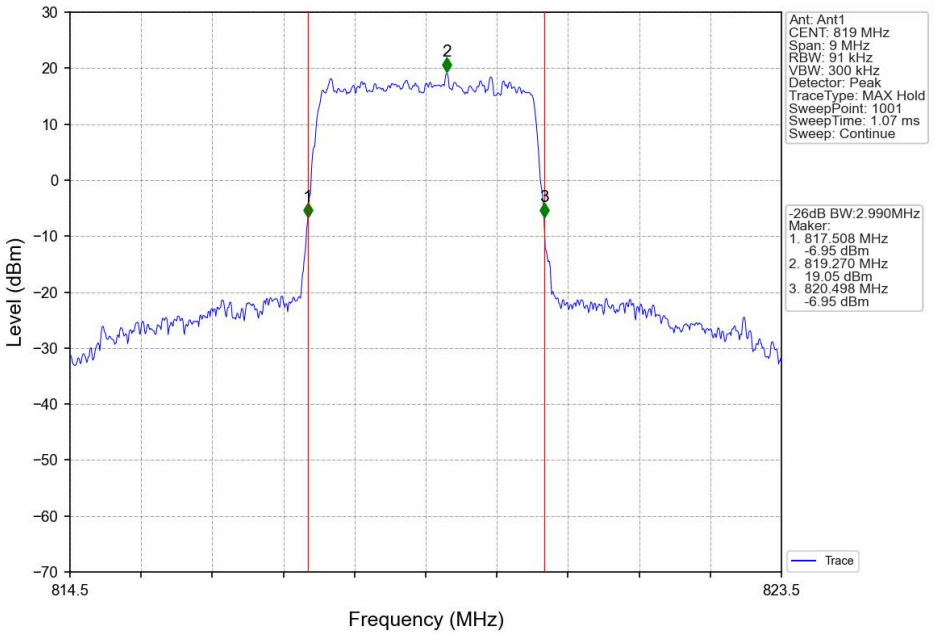

Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



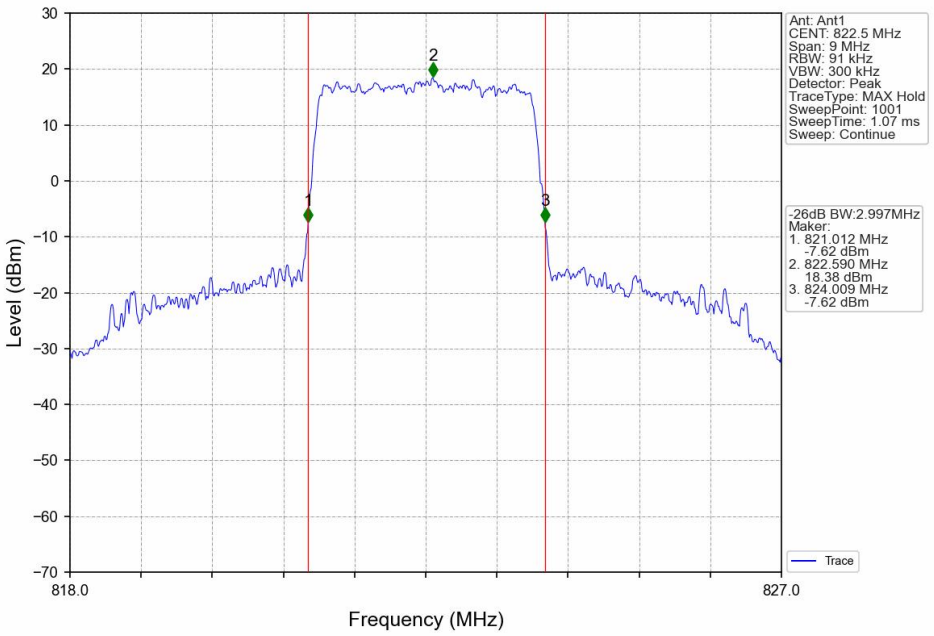
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



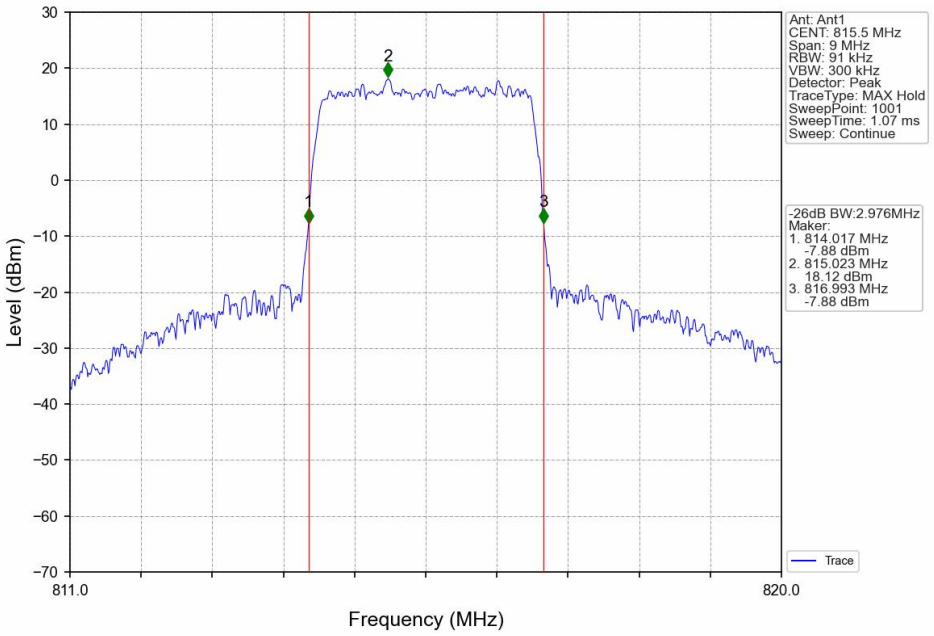

Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



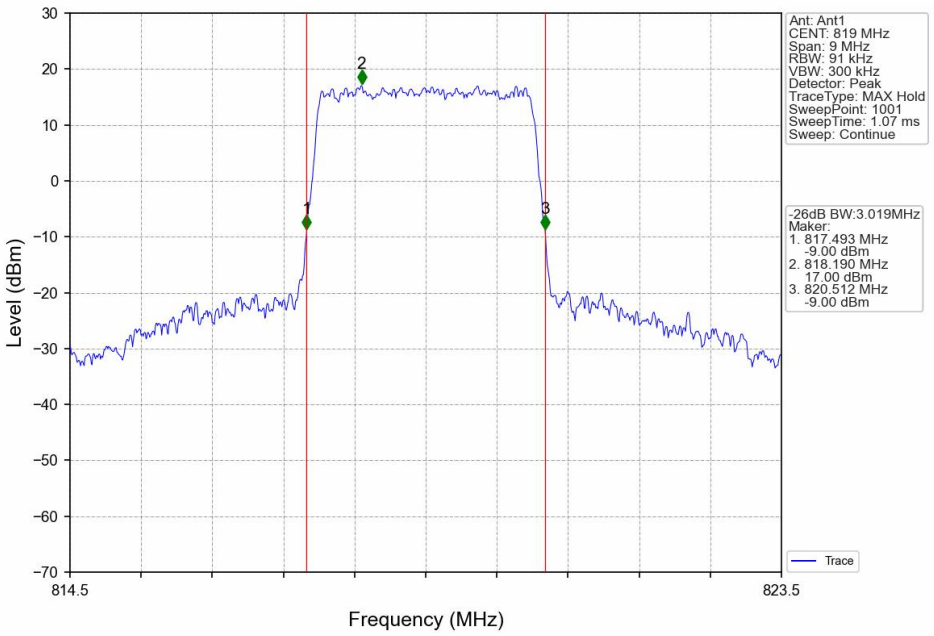
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



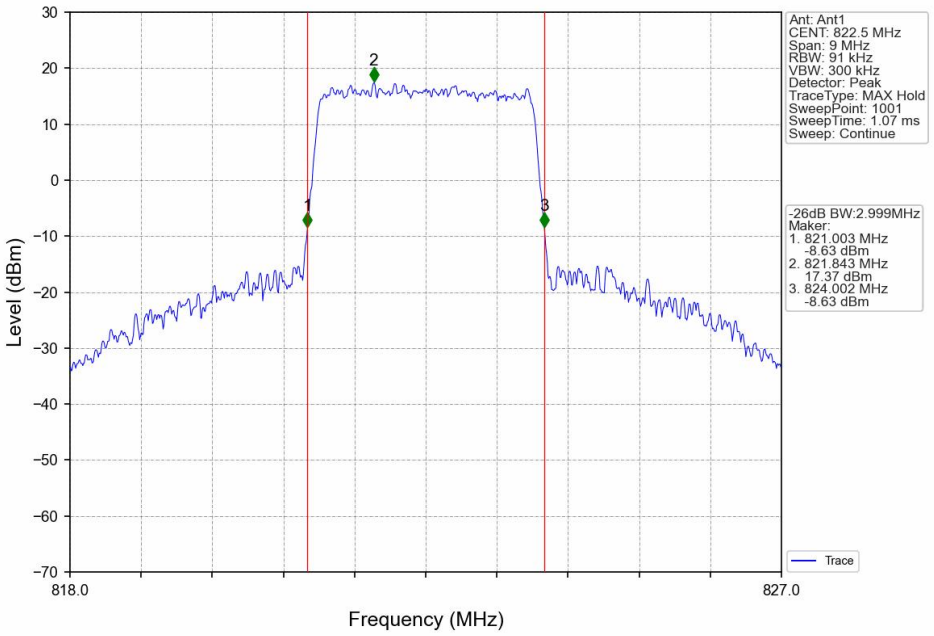

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



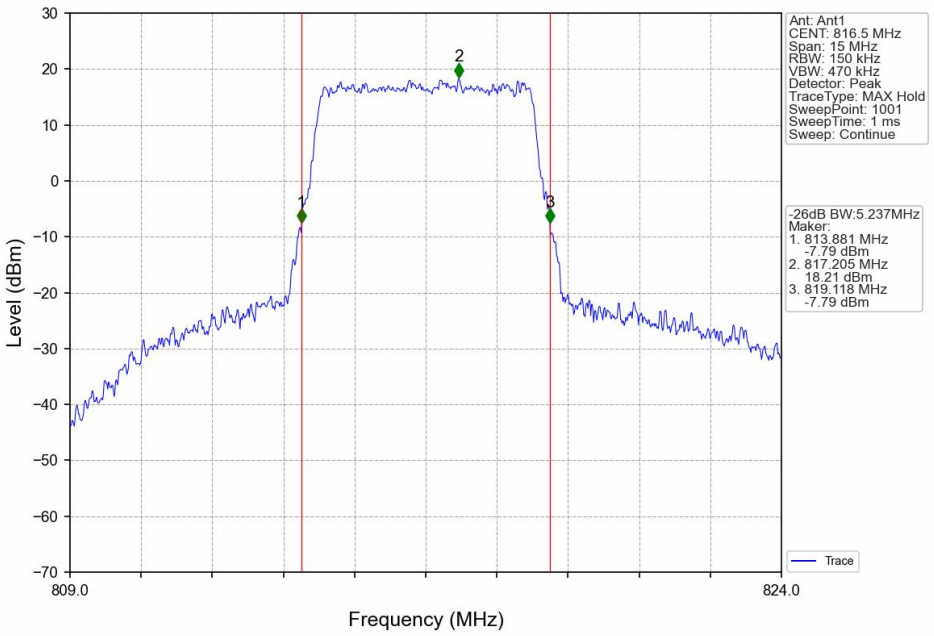
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



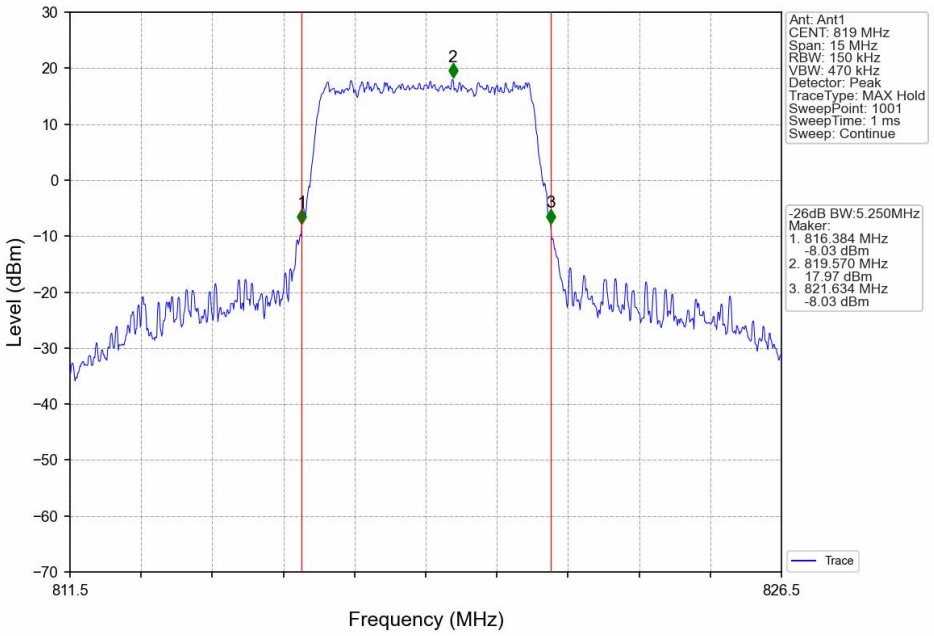

Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



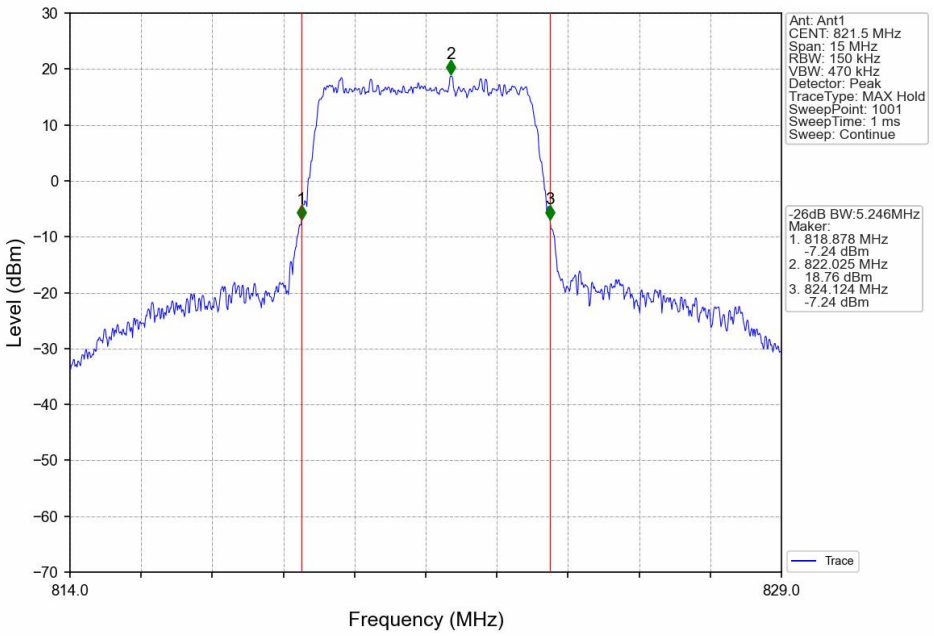
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



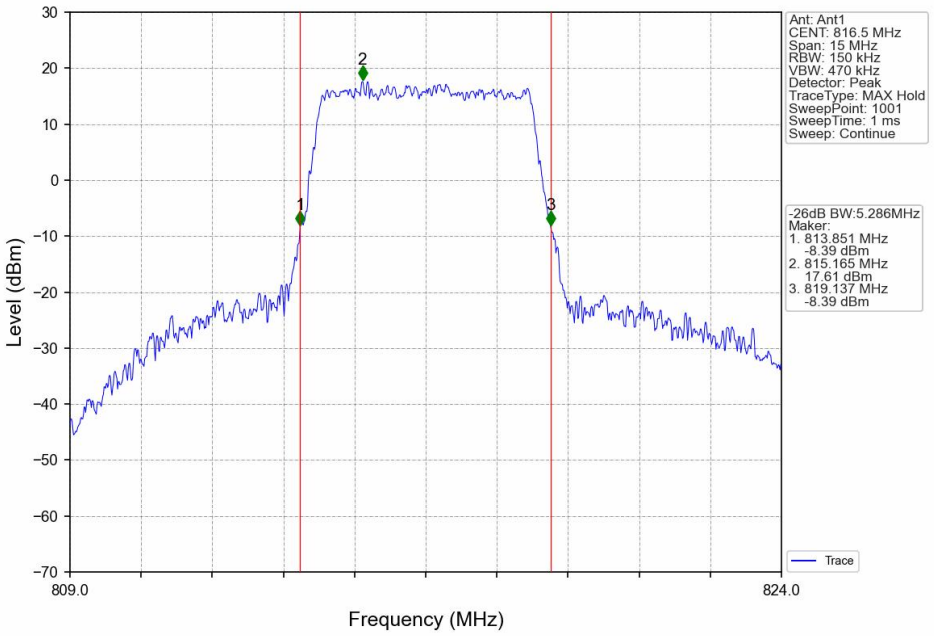

Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



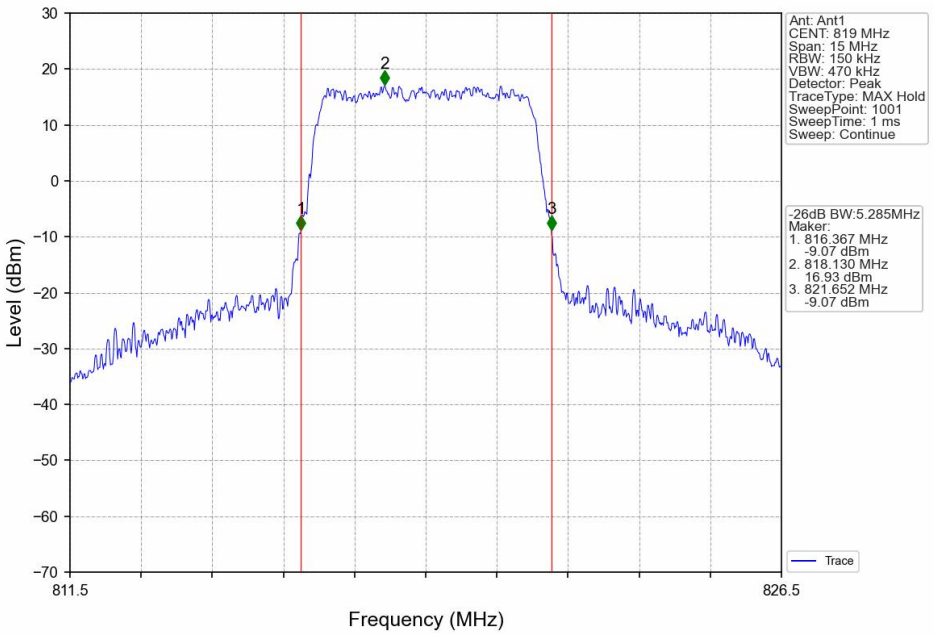
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



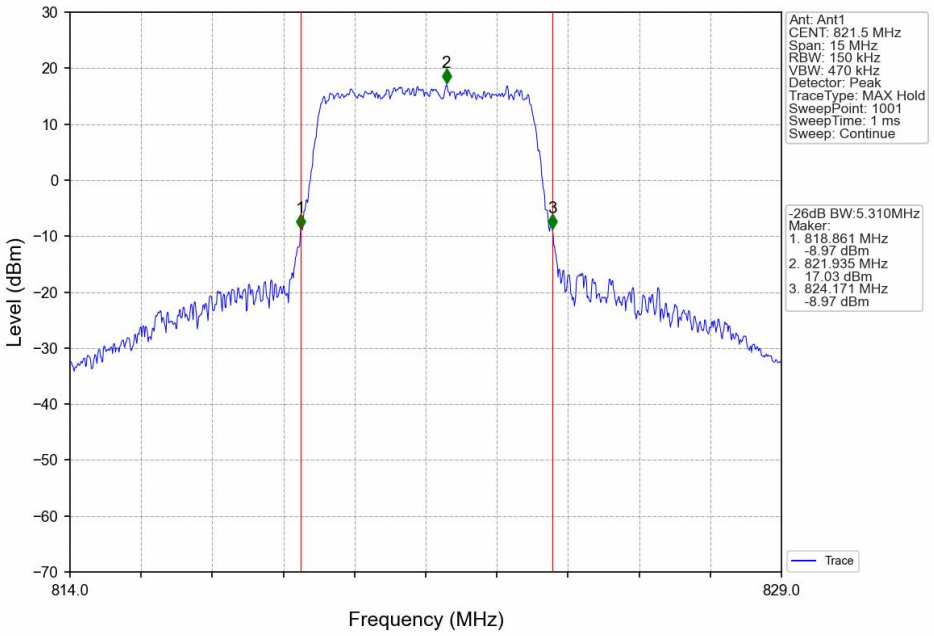

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



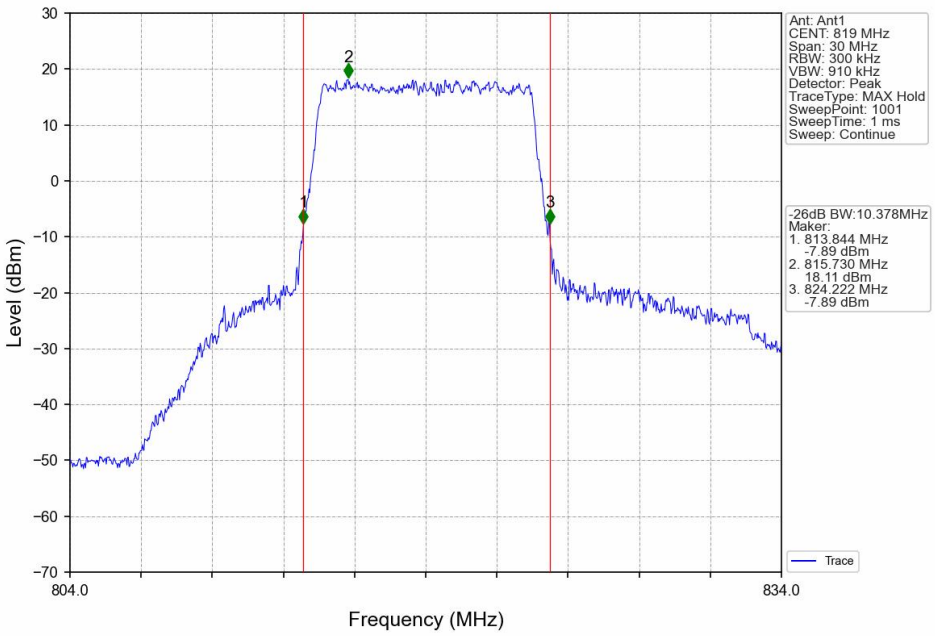
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



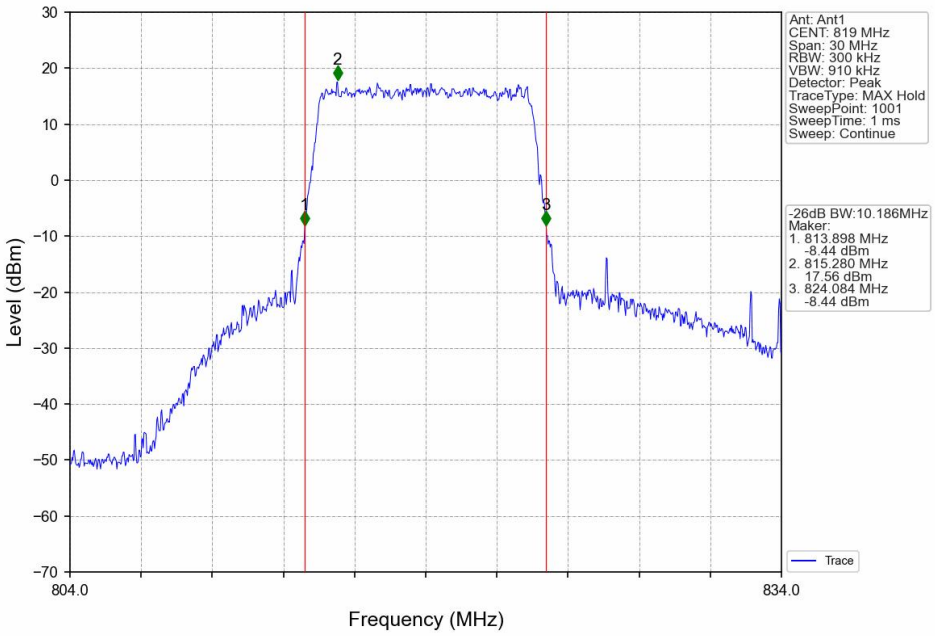

Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV




Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



# 5. Peak-Average Ratio

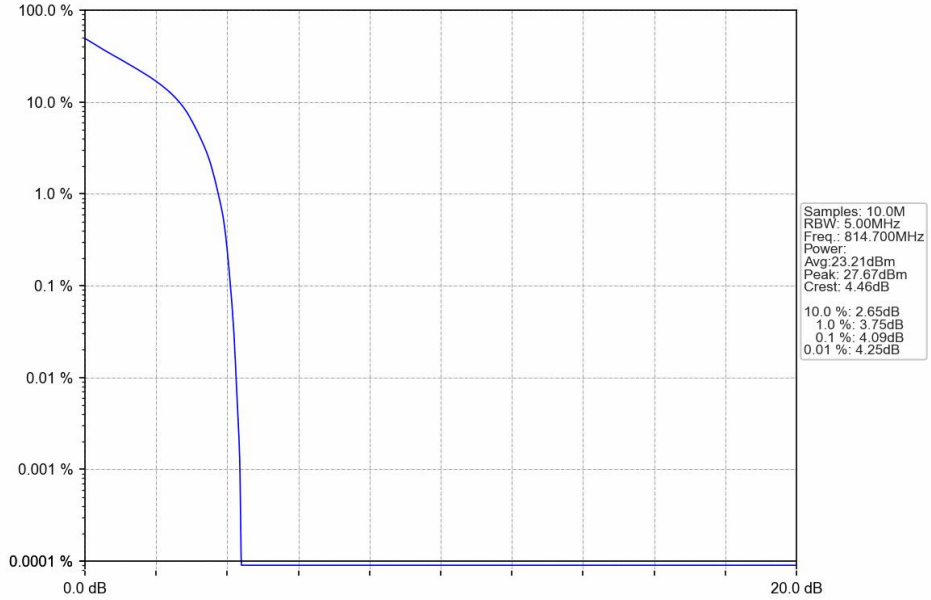
## 5.1 B26a_1.4MHz

### 5.1.1 Test Result

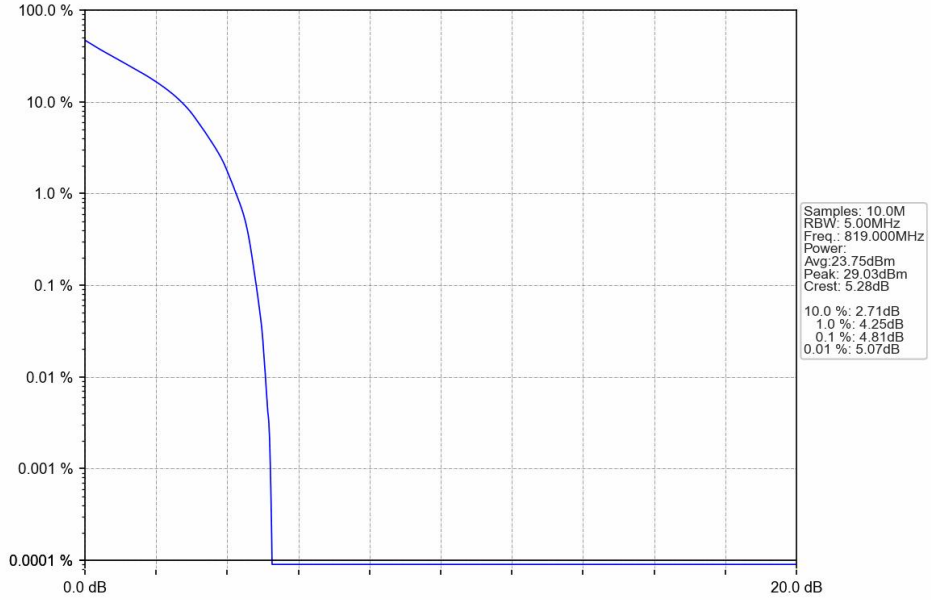
| Band: 26a / Bandwidth: 1.4MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 814.7 | 6 | 0 | 4.09 | <=13 | Pass |
| | 819 | 6 | 0 | 4.81 | <=13 | Pass |
| | 823.3 | 6 | 0 | 4.93 | <=13 | Pass |
| 16QAM | 814.7 | 6 | 0 | 4.68 | <=13 | Pass |
| | 819 | 6 | 0 | 5.94 | <=13 | Pass |
| | 823.3 | 6 | 0 | 5.80 | <=13 | Pass |

## 5.1.2 Test Graph

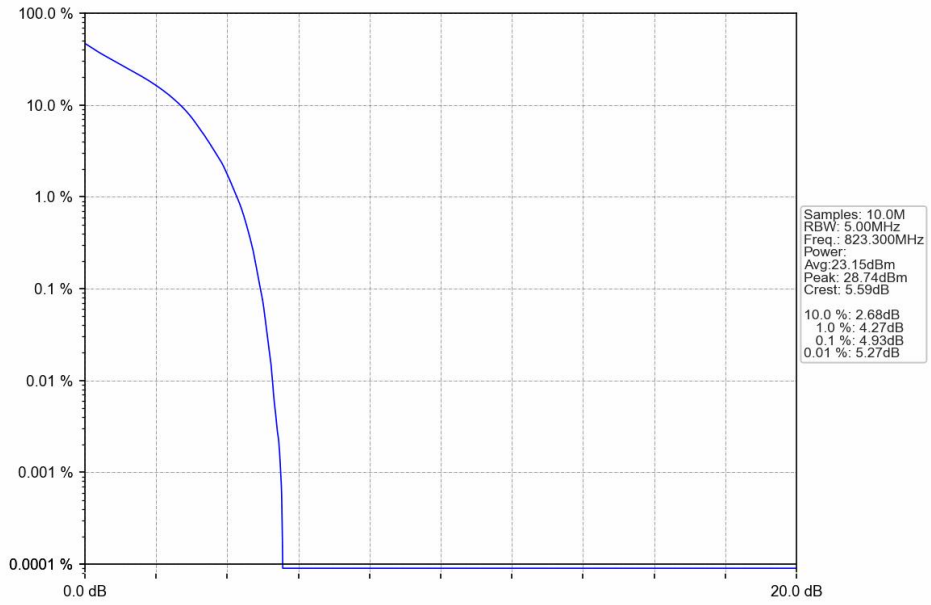
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



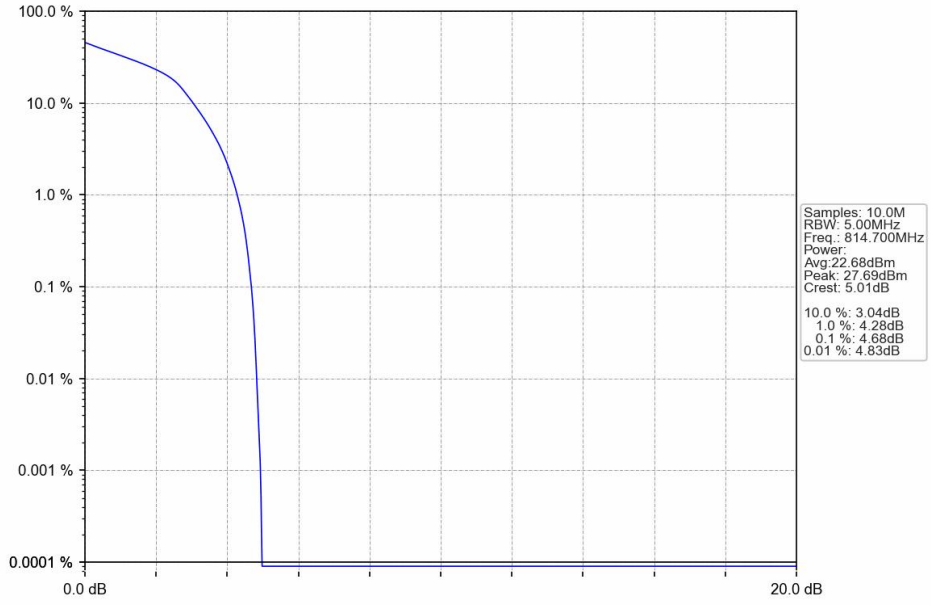

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_6_0_NTNV



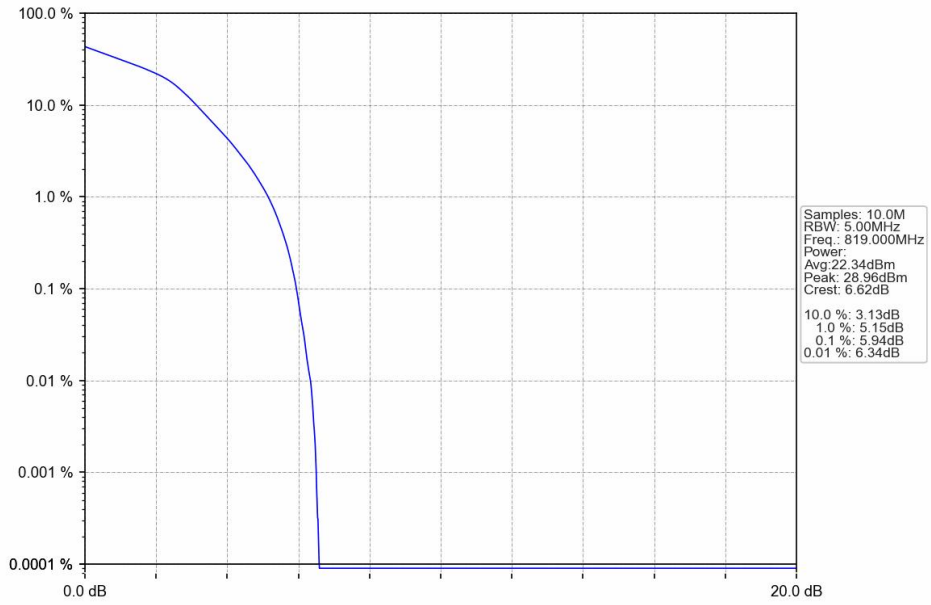
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



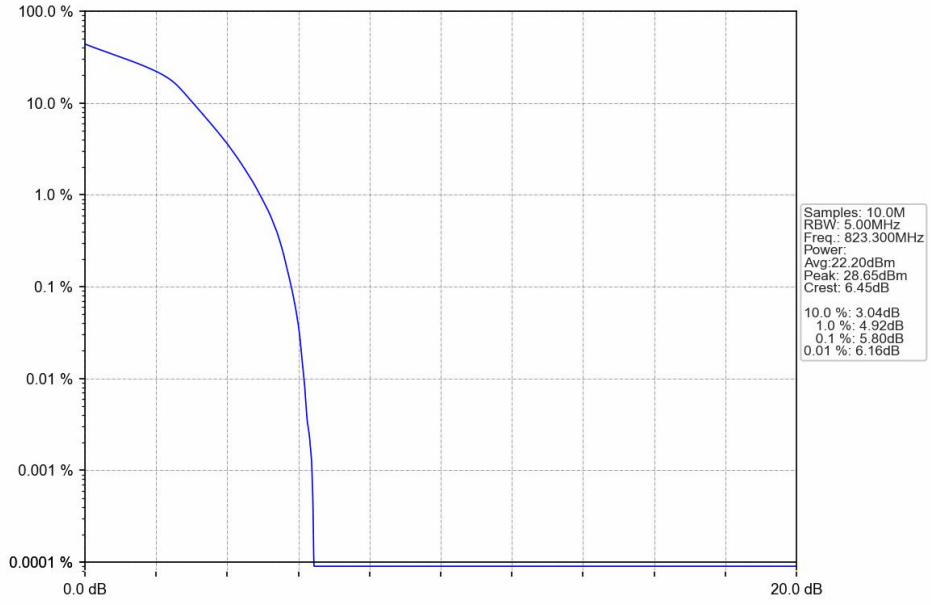

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV




Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



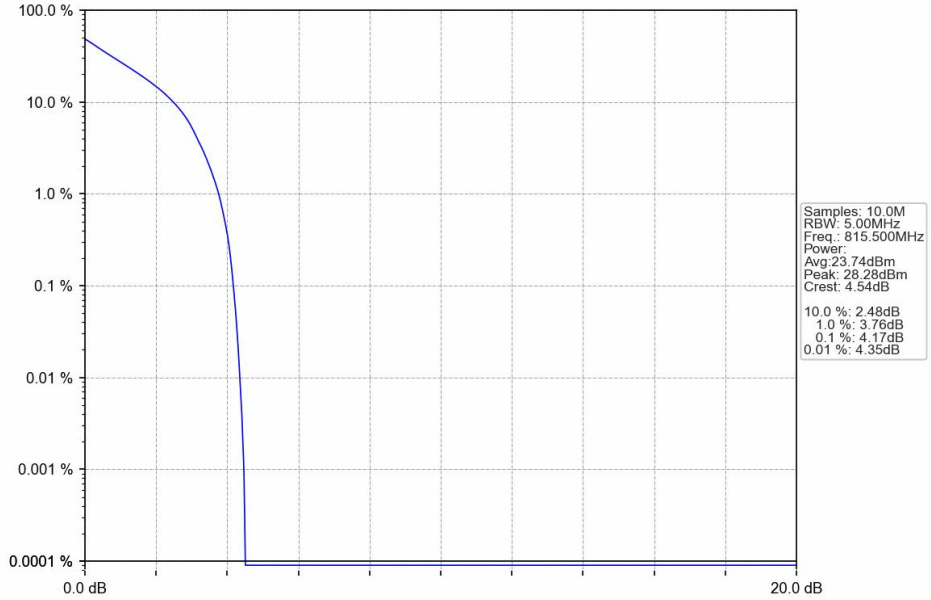
## 5.2 B26a_3MHz

### 5.2.1 Test Result

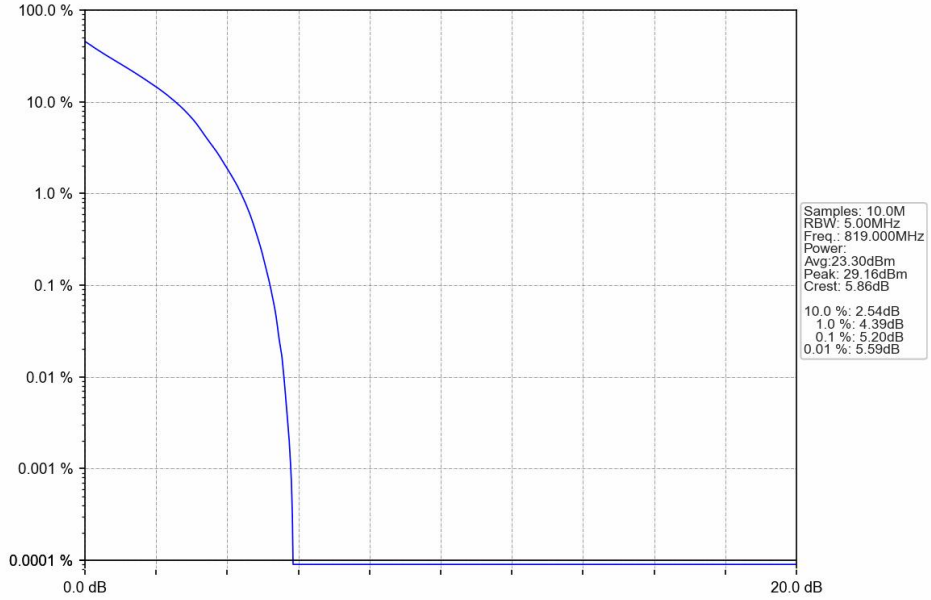
| Band: 26a / Bandwidth: 3MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 815.5 | 15 | 0 | 4.17 | <=13 | Pass |
| | 819 | 15 | 0 | 5.20 | <=13 | Pass |
| | 822.5 | 15 | 0 | 5.17 | <=13 | Pass |
| 16QAM | 815.5 | 15 | 0 | 5.39 | <=13 | Pass |
| | 819 | 15 | 0 | 6.05 | <=13 | Pass |
| | 822.5 | 15 | 0 | 5.98 | <=13 | Pass |

## 5.2.2 Test Graph

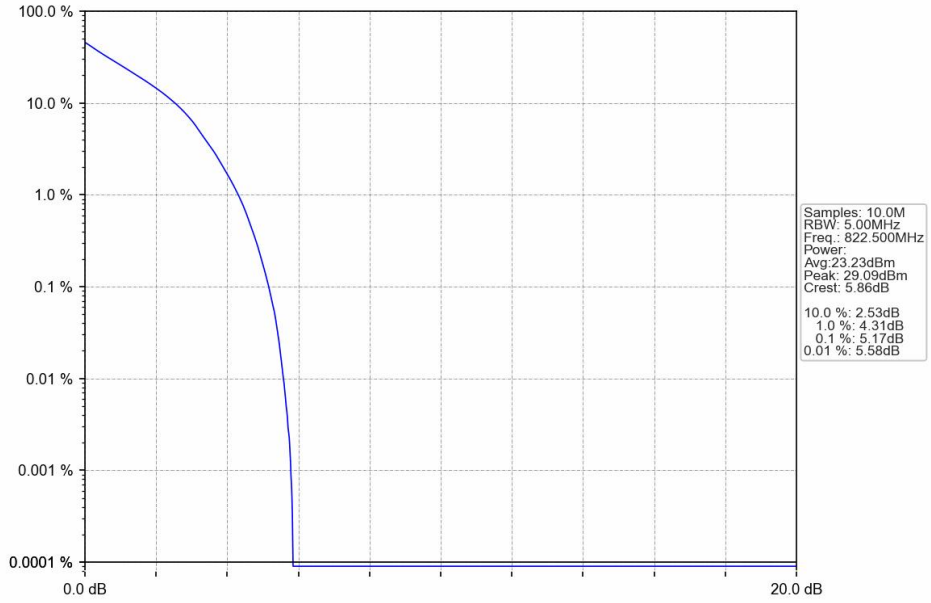
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



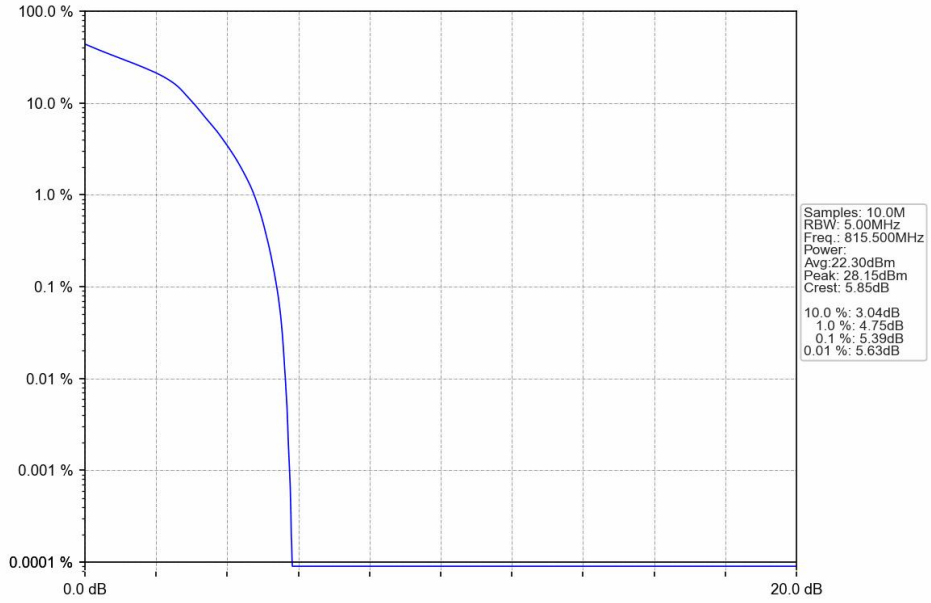

Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



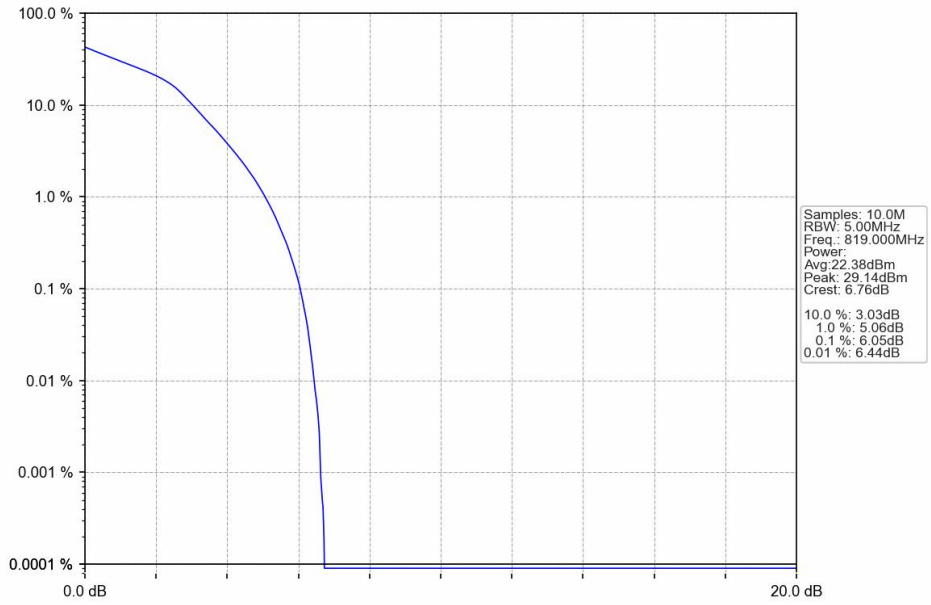
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



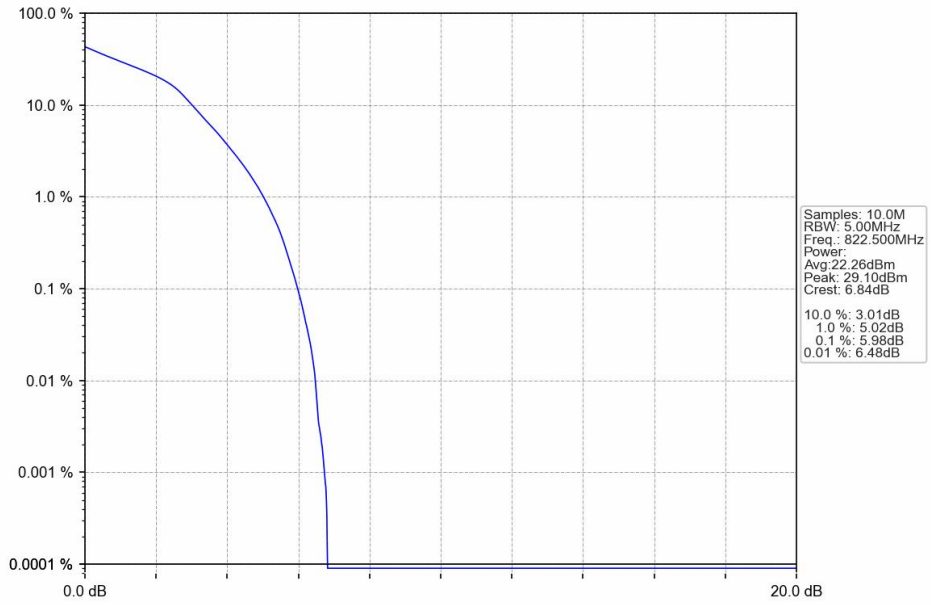

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV




Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



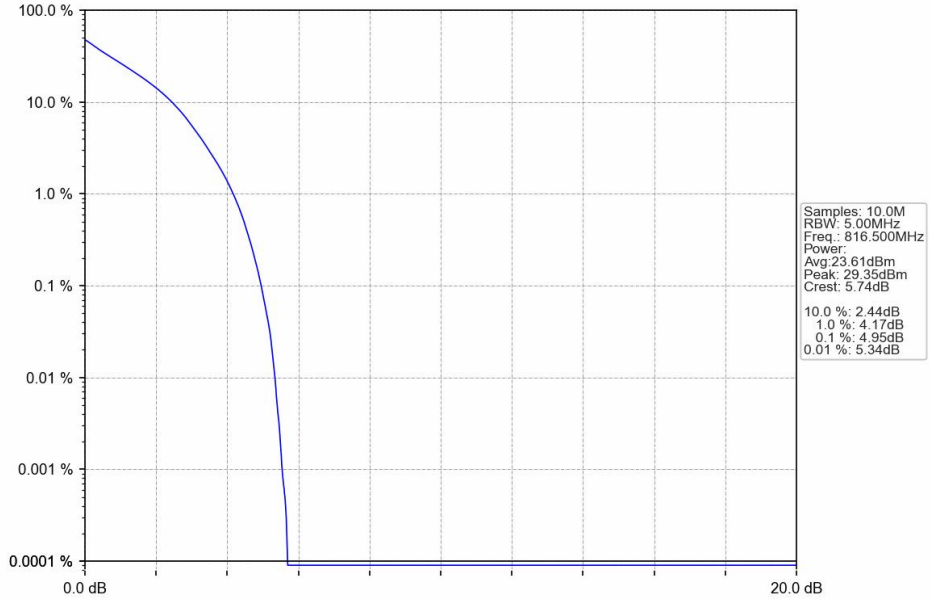
## 5.3 B26a_5MHz

### 5.3.1 Test Result

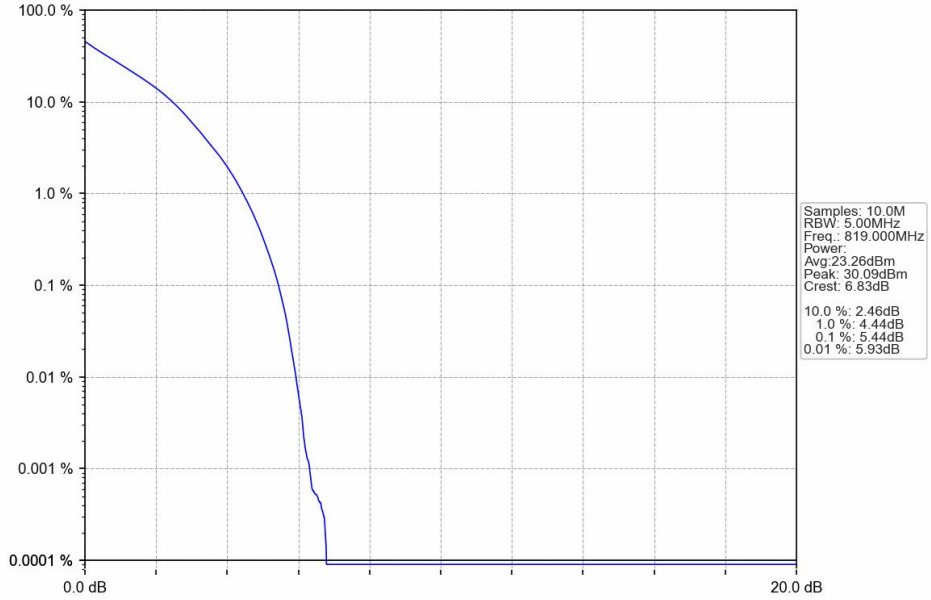
| Band: 26a / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 816.5 | 25 | 0 | 4.95 | <=13 | Pass |
| | 819 | 25 | 0 | 5.44 | <=13 | Pass |
| | 821.5 | 25 | 0 | 5.43 | <=13 | Pass |
| 16QAM | 816.5 | 25 | 0 | 5.90 | <=13 | Pass |
| | 819 | 25 | 0 | 6.17 | <=13 | Pass |
| | 821.5 | 25 | 0 | 6.17 | <=13 | Pass |

## 5.3.2 Test Graph

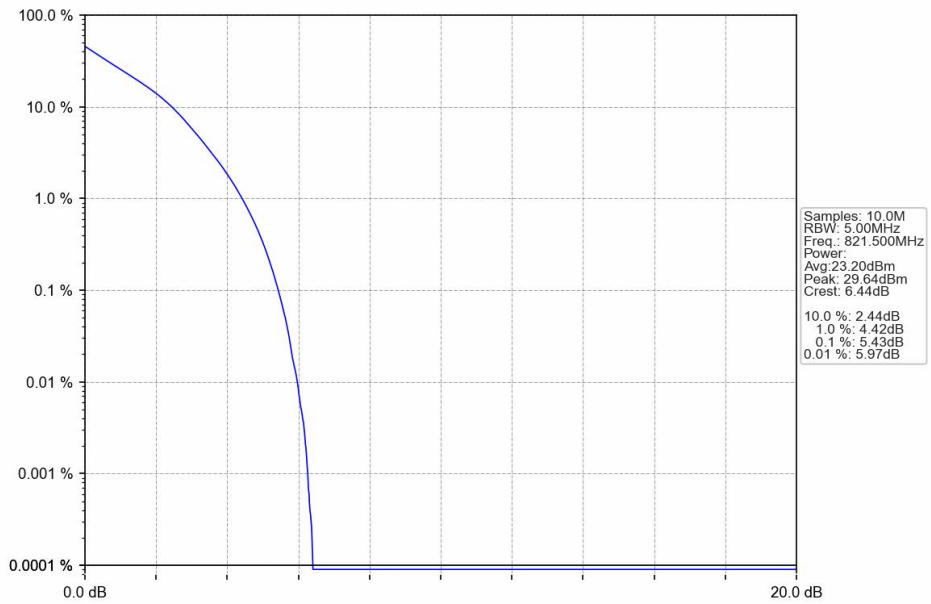
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV




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