# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B26b_1.4MHz_ERP

### 1.1.1 Test Result

| Band: 26b / Bandwidth: 1.4MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dbi) | ERP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 824.7 | 1 | 0 | 23.44 | 0.15 | 21.44 | <=38.45 | Pass |
| | | | 2 | 23.42 | 0.15 | 21.42 | <=38.45 | Pass |
| | | | 5 | 23.46 | 0.15 | 21.46 | <=38.45 | Pass |
| | | 3 | 0 | 23.95 | 0.15 | 21.95 | <=38.45 | Pass |
| | | | 2 | 24.04 | 0.15 | 22.04 | <=38.45 | Pass |
| | | | 3 | 24.11 | 0.15 | 22.11 | <=38.45 | Pass |
| | | 6 | 0 | 23.11 | 0.15 | 21.11 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.37 | 0.15 | 21.37 | <=38.45 | Pass |
| | | | 2 | 23.33 | 0.15 | 21.33 | <=38.45 | Pass |
| | | | 5 | 23.30 | 0.15 | 21.30 | <=38.45 | Pass |
| | | 3 | 0 | 23.82 | 0.15 | 21.82 | <=38.45 | Pass |
| | | | 2 | 23.96 | 0.15 | 21.96 | <=38.45 | Pass |
| | | | 3 | 23.93 | 0.15 | 21.93 | <=38.45 | Pass |
| | | 6 | 0 | 22.91 | 0.15 | 20.91 | <=38.45 | Pass |
| | 848.3 | 1 | 0 | 23.90 | 0.15 | 21.90 | <=38.45 | Pass |
| | | | 2 | 23.91 | 0.15 | 21.91 | <=38.45 | Pass |
| | | | 5 | 23.78 | 0.15 | 21.78 | <=38.45 | Pass |
| | | 3 | 0 | 23.96 | 0.15 | 21.96 | <=38.45 | Pass |
| | | | 2 | 23.95 | 0.15 | 21.95 | <=38.45 | Pass |
| | | | 3 | 23.76 | 0.15 | 21.76 | <=38.45 | Pass |
| | | 6 | 0 | 22.91 | 0.15 | 20.91 | <=38.45 | Pass |
| 16QAM | 824.7 | 1 | 0 | 22.65 | 0.15 | 20.65 | <=38.45 | Pass |
| | | | 2 | 22.74 | 0.15 | 20.74 | <=38.45 | Pass |
| | | | 5 | 22.37 | 0.15 | 20.37 | <=38.45 | Pass |
| | | 3 | 0 | 23.00 | 0.15 | 21.00 | <=38.45 | Pass |
| | | | 2 | 22.99 | 0.15 | 20.99 | <=38.45 | Pass |
| | | | 3 | 22.96 | 0.15 | 20.96 | <=38.45 | Pass |
| | | 6 | 0 | 22.14 | 0.15 | 20.14 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 22.91 | 0.15 | 20.91 | <=38.45 | Pass |
| | | | 2 | 22.93 | 0.15 | 20.93 | <=38.45 | Pass |
| | | | 5 | 22.91 | 0.15 | 20.91 | <=38.45 | Pass |
| | | 3 | 0 | 23.12 | 0.15 | 21.12 | <=38.45 | Pass |
| | | | 2 | 22.95 | 0.15 | 20.95 | <=38.45 | Pass |
| | | | 3 | 22.90 | 0.15 | 20.90 | <=38.45 | Pass |
| | | 6 | 0 | 21.84 | 0.15 | 19.84 | <=38.45 | Pass |
| | 848.3 | 1 | 0 | 22.75 | 0.15 | 20.75 | <=38.45 | Pass |
| | | | 2 | 22.92 | 0.15 | 20.92 | <=38.45 | Pass |
| | | | 5 | 22.92 | 0.15 | 20.92 | <=38.45 | Pass |
| | | 3 | 0 | 23.03 | 0.15 | 21.03 | <=38.45 | Pass |
| | | | 2 | 23.05 | 0.15 | 21.05 | <=38.45 | Pass |
| | | | 3 | 23.13 | 0.15 | 21.13 | <=38.45 | Pass |
| | | 6 | 0 | 21.81 | 0.15 | 19.81 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

## 1.2 B26b_3MHz_ERP

## 1.2.1 Test Result

| Band: 26b / Bandwidth: 3MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dbi) | ERP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 825.5 | 1 | 0 | 24.15 | 0.15 | 22.15 | <=38.45 | Pass |
| | | | 7 | 24.18 | 0.15 | 22.18 | <=38.45 | Pass |
| | | | 14 | 24.04 | 0.15 | 22.04 | <=38.45 | Pass |
| | | 8 | 0 | 23.07 | 0.15 | 21.07 | <=38.45 | Pass |
| | | | 4 | 23.01 | 0.15 | 21.01 | <=38.45 | Pass |
| | | | 7 | 22.96 | 0.15 | 20.96 | <=38.45 | Pass |
| | | 15 | 0 | 23.01 | 0.15 | 21.01 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.88 | 0.15 | 21.88 | <=38.45 | Pass |
| | | | 7 | 23.85 | 0.15 | 21.85 | <=38.45 | Pass |
| | | | 14 | 23.86 | 0.15 | 21.86 | <=38.45 | Pass |
| | | 8 | 0 | 22.90 | 0.15 | 20.90 | <=38.45 | Pass |
| | | | 4 | 22.89 | 0.15 | 20.89 | <=38.45 | Pass |
| | | | 7 | 22.88 | 0.15 | 20.88 | <=38.45 | Pass |
| | | 15 | 0 | 22.95 | 0.15 | 20.95 | <=38.45 | Pass |
| | 847.5 | 1 | 0 | 23.87 | 0.15 | 21.87 | <=38.45 | Pass |
| | | | 7 | 24.02 | 0.15 | 22.02 | <=38.45 | Pass |
| | | | 14 | 23.93 | 0.15 | 21.93 | <=38.45 | Pass |
| | | 8 | 0 | 22.90 | 0.15 | 20.90 | <=38.45 | Pass |
| | | | 4 | 22.95 | 0.15 | 20.95 | <=38.45 | Pass |
| | | | 7 | 22.83 | 0.15 | 20.83 | <=38.45 | Pass |
| | | 15 | 0 | 22.92 | 0.15 | 20.92 | <=38.45 | Pass |
| 16QAM | 825.5 | 1 | 0 | 23.31 | 0.15 | 21.31 | <=38.45 | Pass |
| | | | 7 | 23.41 | 0.15 | 21.41 | <=38.45 | Pass |
| | | | 14 | 23.02 | 0.15 | 21.02 | <=38.45 | Pass |
| | | 8 | 0 | 22.06 | 0.15 | 20.06 | <=38.45 | Pass |
| | | | 4 | 22.04 | 0.15 | 20.04 | <=38.45 | Pass |
| | | | 7 | 22.05 | 0.15 | 20.05 | <=38.45 | Pass |
| | | 15 | 0 | 22.03 | 0.15 | 20.03 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 22.97 | 0.15 | 20.97 | <=38.45 | Pass |
| | | | 7 | 23.23 | 0.15 | 21.23 | <=38.45 | Pass |
| | | | 14 | 22.93 | 0.15 | 20.93 | <=38.45 | Pass |
| | | 8 | 0 | 21.91 | 0.15 | 19.91 | <=38.45 | Pass |
| | | | 4 | 21.92 | 0.15 | 19.92 | <=38.45 | Pass |
| | | | 7 | 21.93 | 0.15 | 19.93 | <=38.45 | Pass |
| | | 15 | 0 | 21.97 | 0.15 | 19.97 | <=38.45 | Pass |
| | 847.5 | 1 | 0 | 22.88 | 0.15 | 20.88 | <=38.45 | Pass |
| | | | 7 | 23.22 | 0.15 | 21.22 | <=38.45 | Pass |
| | | | 14 | 22.93 | 0.15 | 20.93 | <=38.45 | Pass |
| | | 8 | 0 | 21.93 | 0.15 | 19.93 | <=38.45 | Pass |
| | | | 4 | 21.92 | 0.15 | 19.92 | <=38.45 | Pass |
| | | | 7 | 21.89 | 0.15 | 19.89 | <=38.45 | Pass |
| | | 15 | 0 | 21.85 | 0.15 | 19.85 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

## 1.3 B26b_5MHz_ERP

## 1.3.1 Test Result

| Band: 26b / Bandwidth: 5MHz / NTNV |
|---|

| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dbi) | ERP (dBm) | | Verdict |
|---|---|---|---|---|---|---|---|---|
| | | Size | Offset | | | Result | Limit | |
| QPSK | 826.5 | 1 | 0 | 24.28 | 0.15 | 22.28 | <=38.45 | Pass |
| | | | 13 | 24.13 | 0.15 | 22.13 | <=38.45 | Pass |
| | | | 24 | 24.06 | 0.15 | 22.06 | <=38.45 | Pass |
| | | 12 | 0 | 23.15 | 0.15 | 21.15 | <=38.45 | Pass |
| | | | 6 | 23.03 | 0.15 | 21.03 | <=38.45 | Pass |
| | | | 13 | 23.03 | 0.15 | 21.03 | <=38.45 | Pass |
| | | 25 | 0 | 23.10 | 0.15 | 21.10 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 24.01 | 0.15 | 22.01 | <=38.45 | Pass |
| | | | 13 | 24.16 | 0.15 | 22.16 | <=38.45 | Pass |
| | | | 24 | 24.08 | 0.15 | 22.08 | <=38.45 | Pass |
| | | 12 | 0 | 22.98 | 0.15 | 20.98 | <=38.45 | Pass |
| | | | 6 | 22.99 | 0.15 | 20.99 | <=38.45 | Pass |
| | | | 13 | 22.93 | 0.15 | 20.93 | <=38.45 | Pass |
| | | 25 | 0 | 22.98 | 0.15 | 20.98 | <=38.45 | Pass |
| | 846.5 | 1 | 0 | 24.06 | 0.15 | 22.06 | <=38.45 | Pass |
| | | | 13 | 23.93 | 0.15 | 21.93 | <=38.45 | Pass |
| | | | 24 | 24.11 | 0.15 | 22.11 | <=38.45 | Pass |
| | | 12 | 0 | 22.97 | 0.15 | 20.97 | <=38.45 | Pass |
| | | | 6 | 22.92 | 0.15 | 20.92 | <=38.45 | Pass |
| | | | 13 | 22.90 | 0.15 | 20.90 | <=38.45 | Pass |
| | | 25 | 0 | 22.96 | 0.15 | 20.96 | <=38.45 | Pass |
| 16QAM | 826.5 | 1 | 0 | 23.18 | 0.15 | 21.18 | <=38.45 | Pass |
| | | | 13 | 23.21 | 0.15 | 21.21 | <=38.45 | Pass |
| | | | 24 | 23.26 | 0.15 | 21.26 | <=38.45 | Pass |
| | | 12 | 0 | 22.10 | 0.15 | 20.10 | <=38.45 | Pass |
| | | | 6 | 22.08 | 0.15 | 20.08 | <=38.45 | Pass |
| | | | 13 | 22.02 | 0.15 | 20.02 | <=38.45 | Pass |
| | | 25 | 0 | 22.14 | 0.15 | 20.14 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.15 | 0.15 | 21.15 | <=38.45 | Pass |
| | | | 13 | 23.04 | 0.15 | 21.04 | <=38.45 | Pass |
| | | | 24 | 23.12 | 0.15 | 21.12 | <=38.45 | Pass |
| | | 12 | 0 | 21.95 | 0.15 | 19.95 | <=38.45 | Pass |
| | | | 6 | 21.94 | 0.15 | 19.94 | <=38.45 | Pass |
| | | | 13 | 21.96 | 0.15 | 19.96 | <=38.45 | Pass |
| | | 25 | 0 | 21.96 | 0.15 | 19.96 | <=38.45 | Pass |
| | 846.5 | 1 | 0 | 23.17 | 0.15 | 21.17 | <=38.45 | Pass |
| | | | 13 | 23.06 | 0.15 | 21.06 | <=38.45 | Pass |
| | | | 24 | 23.05 | 0.15 | 21.05 | <=38.45 | Pass |
| | | 12 | 0 | 21.99 | 0.15 | 19.99 | <=38.45 | Pass |
| | | | 6 | 21.88 | 0.15 | 19.88 | <=38.45 | Pass |
| | | | 13 | 21.80 | 0.15 | 19.80 | <=38.45 | Pass |
| | | 25 | 0 | 21.94 | 0.15 | 19.94 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

## 1.4 B26b_10MHz_ERP

### 1.4.1 Test Result

| Band: 26b / Bandwidth: 10MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dbi) | ERP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 829 | 1 | 0 | 24.16 | 0.15 | 22.16 | <=38.45 | Pass |
| | | | 25 | 24.21 | 0.15 | 22.21 | <=38.45 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 49 | 24.09 | 0.15 | 22.09 | <=38.45 | Pass |
| | | 25 | 0 | 23.07 | 0.15 | 21.07 | <=38.45 | Pass |
| | | | 13 | 23.09 | 0.15 | 21.09 | <=38.45 | Pass |
| | | | 25 | 23.07 | 0.15 | 21.07 | <=38.45 | Pass |
| | | 50 | 0 | 23.06 | 0.15 | 21.06 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 24.06 | 0.15 | 22.06 | <=38.45 | Pass |
| | | | 25 | 23.91 | 0.15 | 21.91 | <=38.45 | Pass |
| | | | 49 | 24.04 | 0.15 | 22.04 | <=38.45 | Pass |
| | | 25 | 0 | 23.01 | 0.15 | 21.01 | <=38.45 | Pass |
| | | | 13 | 22.97 | 0.15 | 20.97 | <=38.45 | Pass |
| | | | 25 | 22.93 | 0.15 | 20.93 | <=38.45 | Pass |
| | | 50 | 0 | 22.97 | 0.15 | 20.97 | <=38.45 | Pass |
| | 844 | 1 | 0 | 23.97 | 0.15 | 21.97 | <=38.45 | Pass |
| | | | 25 | 23.98 | 0.15 | 21.98 | <=38.45 | Pass |
| | | | 49 | 23.98 | 0.15 | 21.98 | <=38.45 | Pass |
| | | 25 | 0 | 22.99 | 0.15 | 20.99 | <=38.45 | Pass |
| | | | 13 | 22.92 | 0.15 | 20.92 | <=38.45 | Pass |
| | | | 25 | 22.84 | 0.15 | 20.84 | <=38.45 | Pass |
| | | 50 | 0 | 22.95 | 0.15 | 20.95 | <=38.45 | Pass |
| 16QAM | 829 | 1 | 0 | 23.33 | 0.15 | 21.33 | <=38.45 | Pass |
| | | | 25 | 23.29 | 0.15 | 21.29 | <=38.45 | Pass |
| | | | 49 | 23.21 | 0.15 | 21.21 | <=38.45 | Pass |
| | | 25 | 0 | 22.12 | 0.15 | 20.12 | <=38.45 | Pass |
| | | | 13 | 22.13 | 0.15 | 20.13 | <=38.45 | Pass |
| | | | 25 | 22.15 | 0.15 | 20.15 | <=38.45 | Pass |
| | | 50 | 0 | 22.05 | 0.15 | 20.05 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.02 | 0.15 | 21.02 | <=38.45 | Pass |
| | | | 25 | 23.18 | 0.15 | 21.18 | <=38.45 | Pass |
| | | | 49 | 22.98 | 0.15 | 20.98 | <=38.45 | Pass |
| | | 25 | 0 | 22.04 | 0.15 | 20.04 | <=38.45 | Pass |
| | | | 13 | 22.05 | 0.15 | 20.05 | <=38.45 | Pass |
| | | | 25 | 21.90 | 0.15 | 19.90 | <=38.45 | Pass |
| | | 50 | 0 | 21.95 | 0.15 | 19.95 | <=38.45 | Pass |
| | 844 | 1 | 0 | 22.99 | 0.15 | 20.99 | <=38.45 | Pass |
| | | | 25 | 22.89 | 0.15 | 20.89 | <=38.45 | Pass |
| | | | 49 | 22.92 | 0.15 | 20.92 | <=38.45 | Pass |
| | | 25 | 0 | 22.00 | 0.15 | 20.00 | <=38.45 | Pass |
| | | | 13 | 21.94 | 0.15 | 19.94 | <=38.45 | Pass |
| | | | 25 | 21.88 | 0.15 | 19.88 | <=38.45 | Pass |
| | | 50 | 0 | 21.92 | 0.15 | 19.92 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

# 2. Frequency Stability

## 2.1 B26b_1.4MHz

### 2.1.1 Test Result

| Band: 26b / 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 | 824.7 | 6 | 0 | 20 | 3.23 | -0.672 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -1.516 | -0.0018 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | 2.403 | 0.0029 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -30 | 3.8 | -3.448 | -0.0042 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | 3.719 | 0.0045 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | 1.073 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -3.018 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | 1.373 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | -2.789 | -0.0034 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -0.572 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -2.933 | -0.0036 | -2.5 to 2.5 | Pass |
| | 836.5 | 6 | 0 | 20 | 3.23 | -1.030 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -2.632 | -0.0031 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -1.416 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -2.160 | -0.0026 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -0.529 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -1.101 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -1.745 | -0.0021 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -4.892 | -0.0058 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | -2.346 | -0.0028 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -3.347 | -0.0040 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -6.251 | -0.0075 | -2.5 to 2.5 | Pass |
| | 848.3 | 6 | 0 | 20 | 3.23 | -0.329 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -0.858 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -0.801 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -1.402 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -3.791 | -0.0045 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -3.562 | -0.0042 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -10.314 | -0.0122 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -1.631 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | 1.130 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -2.060 | -0.0024 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -1.502 | -0.0018 | -2.5 to 2.5 | Pass |
| 16QAM | 824.7 | 6 | 0 | 20 | 3.23 | 0.143 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -1.731 | -0.0021 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | 0.129 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -0.300 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | 3.505 | 0.0043 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -2.618 | -0.0032 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -1.802 | -0.0022 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | 0.830 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | 0.215 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -3.176 | -0.0039 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -0.772 | -0.0009 | -2.5 to 2.5 | Pass |
| | 836.5 | 6 | 0 | 20 | 3.23 | -2.575 | -0.0031 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | 0.343 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | 2.489 | 0.0030 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -2.146 | -0.0026 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -2.475 | -0.0030 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -0.930 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | 0.172 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -2.718 | -0.0032 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | 1.087 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -2.332 | -0.0028 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -2.074 | -0.0025 | -2.5 to 2.5 | Pass |
| | 848.3 | 6 | 0 | 20 | 3.23 | -0.715 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | 4.206 | 0.0050 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -2.747 | -0.0032 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -0.286 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | 2.604 | 0.0031 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -10 | 3.8 | 0.401 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -3.147 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | 1.316 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | 1.302 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -0.458 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | 0.243 | 0.0003 | -2.5 to 2.5 | Pass |

## 2.2 B26b_3MHz

### 2.2.1 Test Result

| Band: 26b / Bandwidth: 3MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 825.5 | 15 | 0 | 20 | 3.23 | 2.904 | 0.0035 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -2.875 | -0.0035 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -0.830 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | 2.532 | 0.0031 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -0.644 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | 0.515 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | 1.788 | 0.0022 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -4.435 | -0.0054 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | -2.675 | -0.0032 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -3.791 | -0.0046 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | 3.462 | 0.0042 | -2.5 to 2.5 | Pass |
| | 836.5 | 15 | 0 | 20 | 3.23 | 1.431 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -3.233 | -0.0039 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -3.719 | -0.0044 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -0.787 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -0.858 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | 3.548 | 0.0042 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -2.818 | -0.0034 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | 0.343 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | 1.473 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -0.415 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -3.061 | -0.0037 | -2.5 to 2.5 | Pass |
| | 847.5 | 15 | 0 | 20 | 3.23 | -0.472 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -3.119 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -4.091 | -0.0048 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -2.031 | -0.0024 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -1.059 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -0.658 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -2.160 | -0.0025 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -3.791 | -0.0045 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | -4.721 | -0.0056 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | 0.143 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -3.047 | -0.0036 | -2.5 to 2.5 | Pass |
| 16QAM | 825.5 | 15 | 0 | 20 | 3.23 | -5.937 | -0.0072 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -1.616 | -0.0020 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -3.734 | -0.0045 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -2.217 | -0.0027 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -3.133 | -0.0038 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -0.501 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | 0.029 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -0.558 | -0.0007 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 30 | 3.8 | -5.121 | -0.0062 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -3.548 | -0.0043 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -4.377 | -0.0053 | -2.5 to 2.5 | Pass |
| | 836.5 | 15 | 0 | 20 | 3.23 | 2.003 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | 1.445 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -0.172 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | 3.018 | 0.0036 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -1.645 | -0.0020 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -1.760 | -0.0021 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -0.343 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | 3.204 | 0.0038 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | -1.574 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | 0.143 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | 0.315 | 0.0004 | -2.5 to 2.5 | Pass |
| | 847.5 | 15 | 0 | 20 | 3.23 | 2.546 | 0.0030 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | 5.651 | 0.0067 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -0.801 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -1.330 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -3.376 | -0.0040 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -2.289 | -0.0027 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | 0.429 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | 0.358 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | 2.303 | 0.0027 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -2.131 | -0.0025 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | 0.086 | 0.0001 | -2.5 to 2.5 | Pass |

## 2.3 B26b_5MHz

### 2.3.1 Test Result

| Band: 26b / Bandwidth: 5MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 826.5 | 25 | 0 | 20 | 3.23 | 2.875 | 0.0035 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | 0.043 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | 0.973 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -1.273 | -0.0015 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | 3.076 | 0.0037 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | 1.173 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -1.130 | -0.0014 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -0.057 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | 1.731 | 0.0021 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -1.001 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | 1.059 | 0.0013 | -2.5 to 2.5 | Pass |
| | 836.5 | 25 | 0 | 20 | 3.23 | -1.588 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | 1.030 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | 1.631 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | 1.359 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -2.246 | -0.0027 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -0.830 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -1.874 | -0.0022 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -0.916 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | -0.672 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -0.343 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | 3.076 | 0.0037 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 846.5 | 25 | 0 | 20 | 3.23 | -1.502 | -0.0018 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -1.574 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | 0.844 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | 2.747 | 0.0032 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | 0.114 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | 0.558 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | 4.020 | 0.0047 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -1.459 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | 2.804 | 0.0033 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -1.016 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | 0.973 | 0.0011 | -2.5 to 2.5 | Pass |
| 16QAM | 826.5 | 25 | 0 | 20 | 3.23 | -2.117 | -0.0026 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | 1.273 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -2.289 | -0.0028 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | 2.060 | 0.0025 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | 0.672 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | 0.257 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -2.875 | -0.0035 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -1.903 | -0.0023 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | -0.086 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -2.031 | -0.0025 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -1.645 | -0.0020 | -2.5 to 2.5 | Pass |
| | 836.5 | 25 | 0 | 20 | 3.23 | -1.087 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -2.661 | -0.0032 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -2.518 | -0.0030 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -4.635 | -0.0055 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -2.131 | -0.0025 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | 1.831 | 0.0022 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -2.446 | -0.0029 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | 2.232 | 0.0027 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | 0.601 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -2.418 | -0.0029 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -0.300 | -0.0004 | -2.5 to 2.5 | Pass |
| | 846.5 | 25 | 0 | 20 | 3.23 | 0.687 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | 3.161 | 0.0037 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | 2.689 | 0.0032 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | 0.873 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | 3.247 | 0.0038 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -3.061 | -0.0036 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | 0.372 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | 2.518 | 0.0030 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | 0.329 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | 2.031 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | 2.131 | 0.0025 | -2.5 to 2.5 | Pass |

## 2.4 B26b_10MHz

### 2.4.1 Test Result

| Band: 26b / Bandwidth: 10MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 829 | 50 | 0 | 20 | 3.23 | 3.133 | 0.0038 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -0.043 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -1.202 | -0.0014 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -30 | 3.8 | 2.031 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | 0.730 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -1.373 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -1.817 | -0.0022 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -0.343 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | -2.832 | -0.0034 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -0.257 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | 0.658 | 0.0008 | -2.5 to 2.5 | Pass |
| | 836.5 | 50 | 0 | 20 | 3.23 | 0.172 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -0.830 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | 0.558 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | 1.330 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -0.043 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -0.858 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -0.215 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | 0.587 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | -0.401 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -0.257 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -0.930 | -0.0011 | -2.5 to 2.5 | Pass |
| | 844 | 50 | 0 | 20 | 3.23 | -1.631 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | 0.372 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -0.844 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | 1.502 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -0.200 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | 0.844 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -1.931 | -0.0023 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -0.114 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | -2.747 | -0.0033 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -3.476 | -0.0041 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | 0.572 | 0.0007 | -2.5 to 2.5 | Pass |
| 16QAM | 829 | 50 | 0 | 20 | 3.23 | -0.143 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | 0.801 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | 0.114 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | 0.215 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | 2.203 | 0.0027 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | 0.958 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -2.947 | -0.0036 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -0.343 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | -1.488 | -0.0018 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -0.172 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | 1.073 | 0.0013 | -2.5 to 2.5 | Pass |
| | 836.5 | 50 | 0 | 20 | 3.23 | -0.386 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -0.200 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | 0.572 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -1.044 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -2.089 | -0.0025 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.8 | -0.458 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | 0.243 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -0.358 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | -4.792 | -0.0057 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | -4.864 | -0.0058 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -2.303 | -0.0028 | -2.5 to 2.5 | Pass |
| | 844 | 50 | 0 | 20 | 3.23 | -3.276 | -0.0039 | -2.5 to 2.5 | Pass |
| | | | | | 3.8 | -1.488 | -0.0018 | -2.5 to 2.5 | Pass |
| | | | | | 4.37 | -2.217 | -0.0026 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.8 | -0.615 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.8 | -3.920 | -0.0046 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -10 | 3.8 | -2.775 | -0.0033 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.8 | -3.848 | -0.0046 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.8 | -2.432 | -0.0029 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.8 | 0.243 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.8 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.8 | -1.488 | -0.0018 | -2.5 to 2.5 | Pass |

# 3. Modulation Characteristics

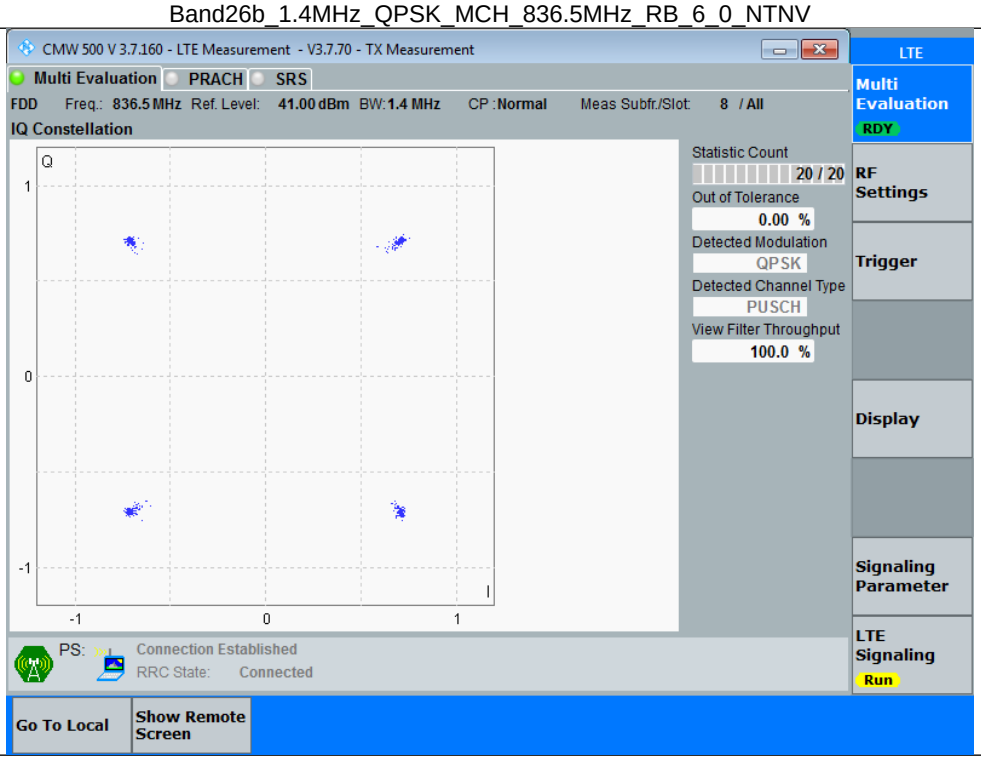
## 3.1 B26b_1.4MHz

### 3.1.1 Test Result

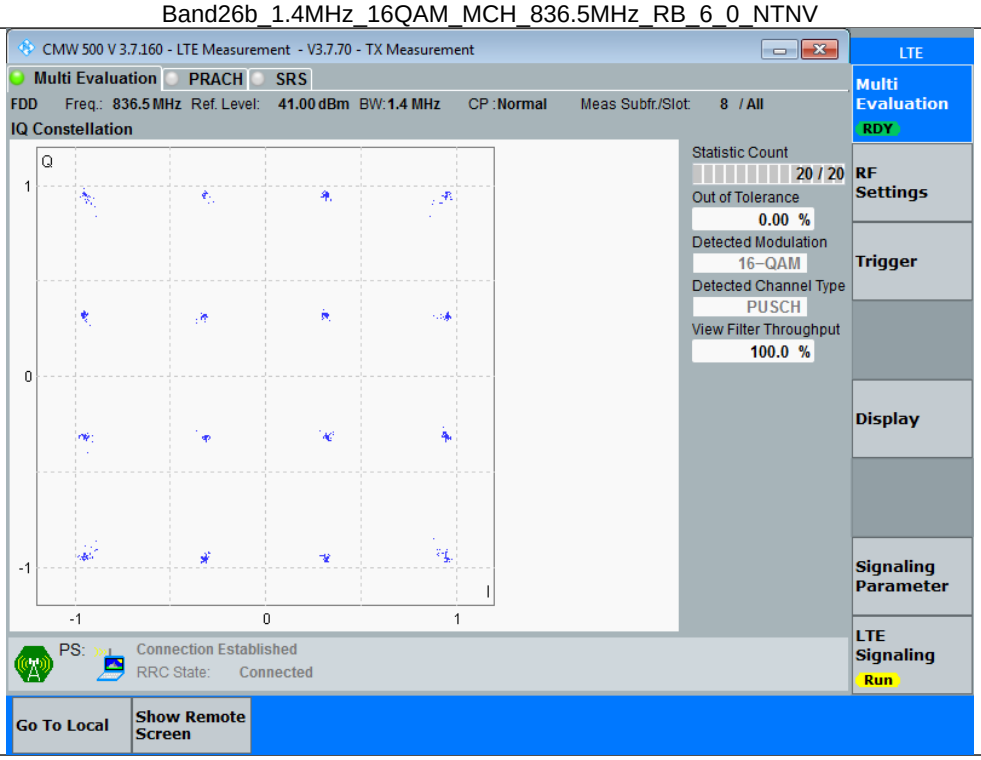
| Band: 26b / Bandwidth: 1.4MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 836.5 | 6 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 836.5 | 6 | 0 | Refer To Test Graph | | Pass |

## 3.1.2 Test Graph

Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV




Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



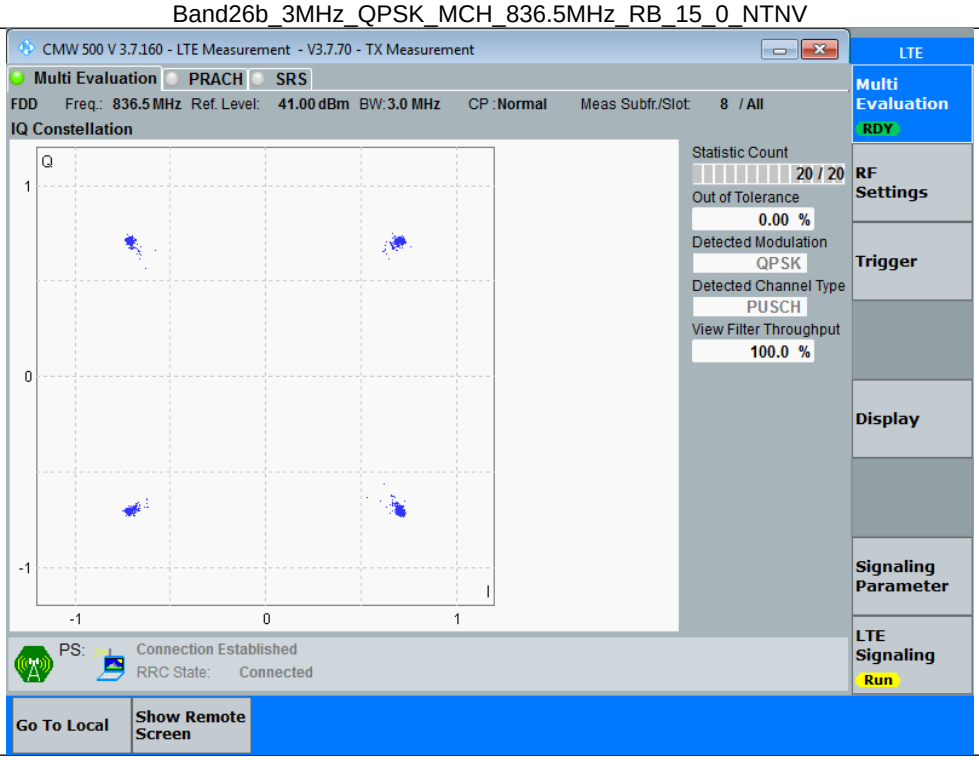
## 3.2 B26b_3MHz

### 3.2.1 Test Result

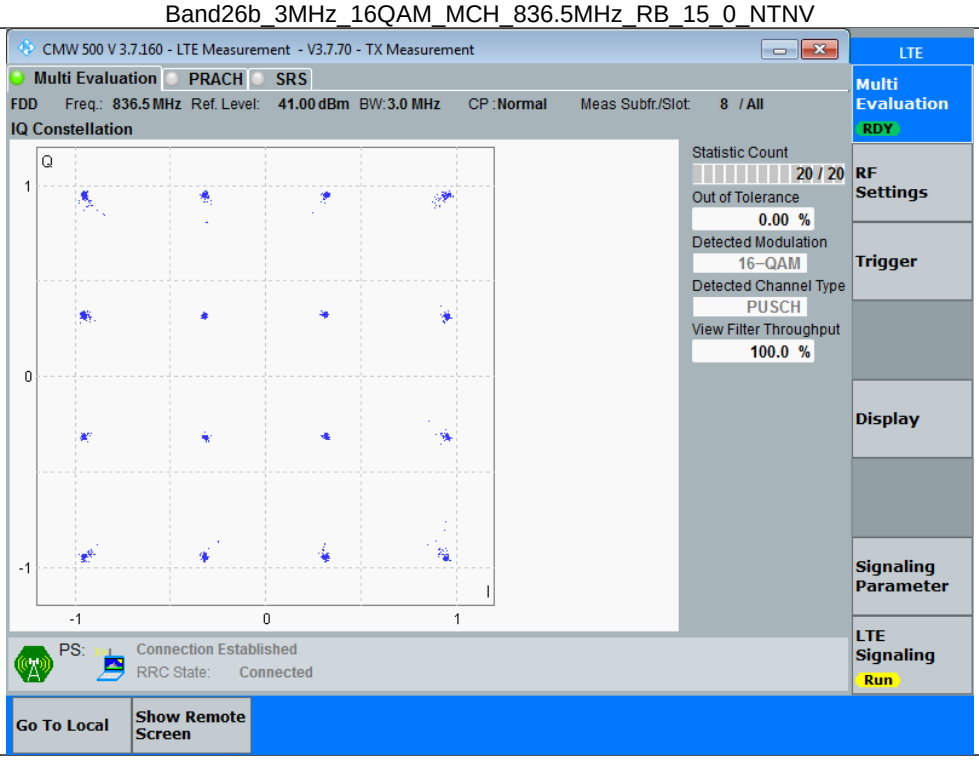
| Band: 26b / Bandwidth: 3MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 836.5 | 15 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 836.5 | 15 | 0 | Refer To Test Graph | | Pass |

## 3.2.2 Test Graph

Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV




Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



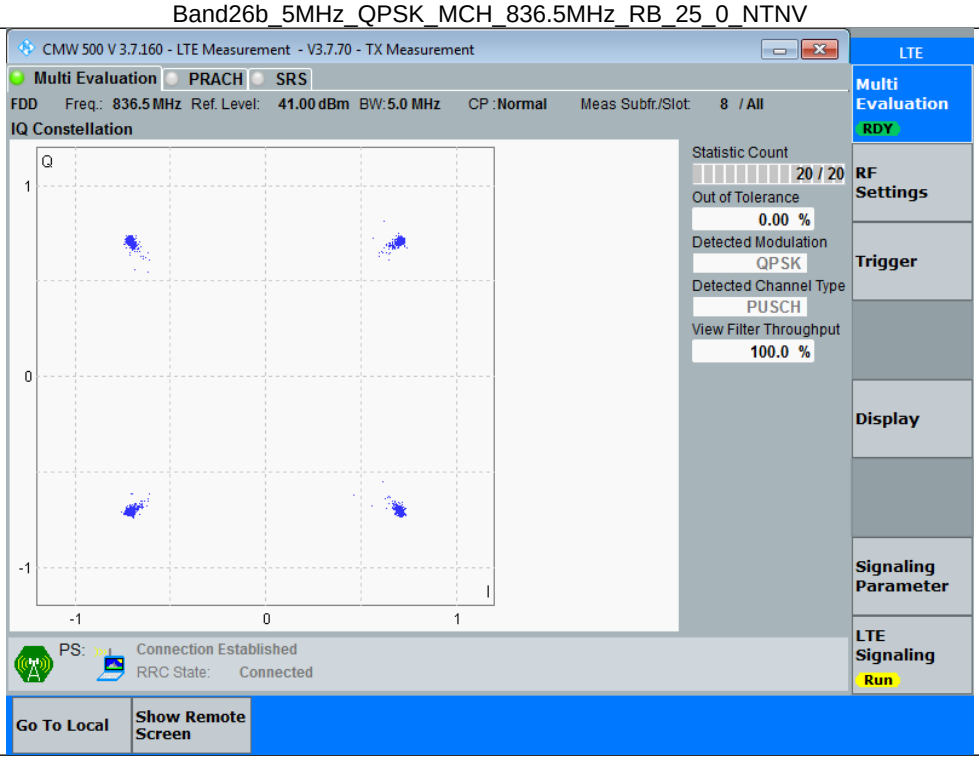
## 3.3 B26b_5MHz

### 3.3.1 Test Result

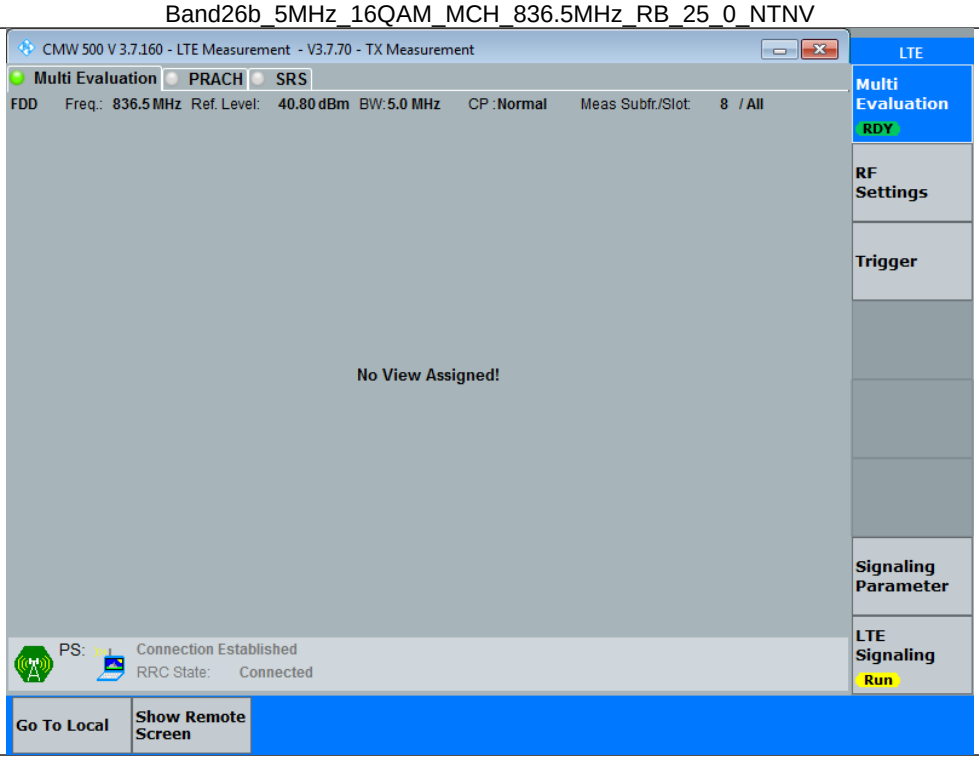
| Band: 26b / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 836.5 | 25 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 836.5 | 25 | 0 | Refer To Test Graph | | Pass |

## 3.3.2 Test Graph

Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV




Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



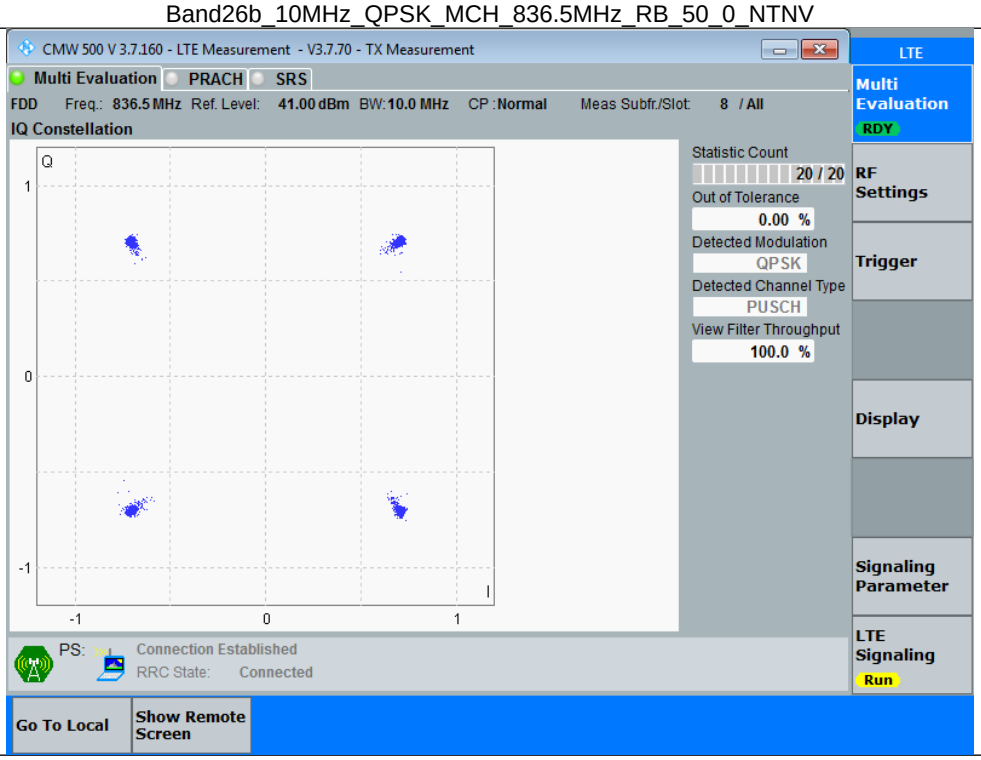
## 3.4 B26b_10MHz

### 3.4.1 Test Result

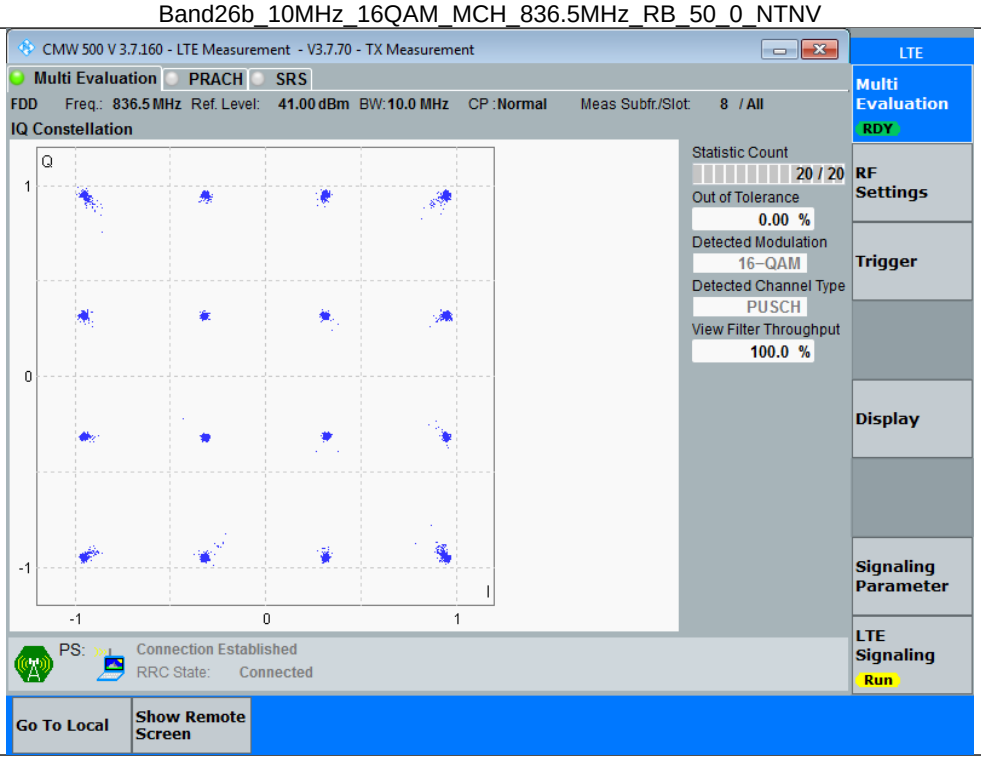
| Band: 26b / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Modulation Characteristics | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 836.5 | 50 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 836.5 | 50 | 0 | Refer To Test Graph | | Pass |

## 3.4.2 Test Graph

Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV




Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



# 4. 99% & 26dB Bandwidth

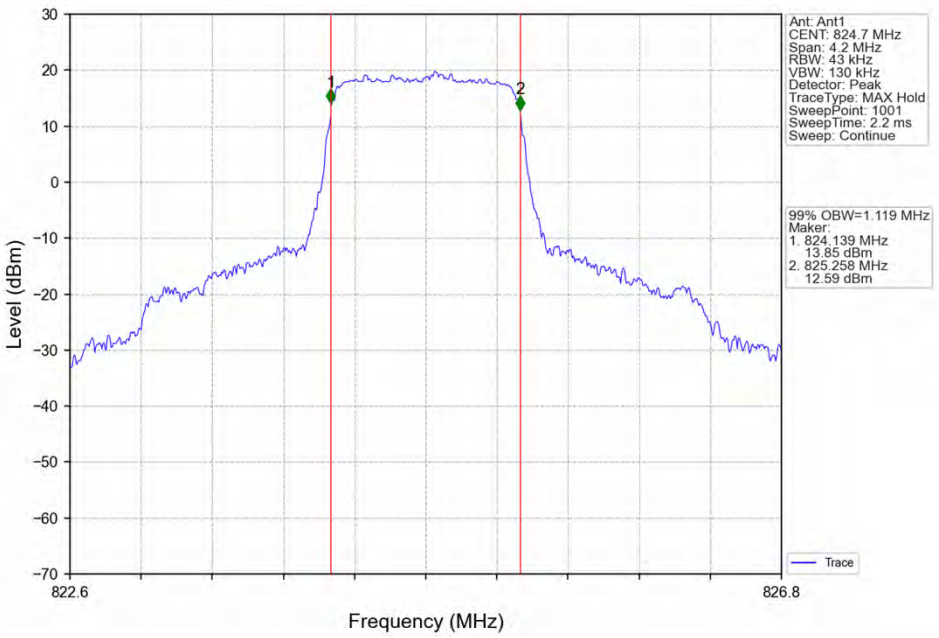
## 4.1 Band26b_OBW

### 4.1.1 Test Result

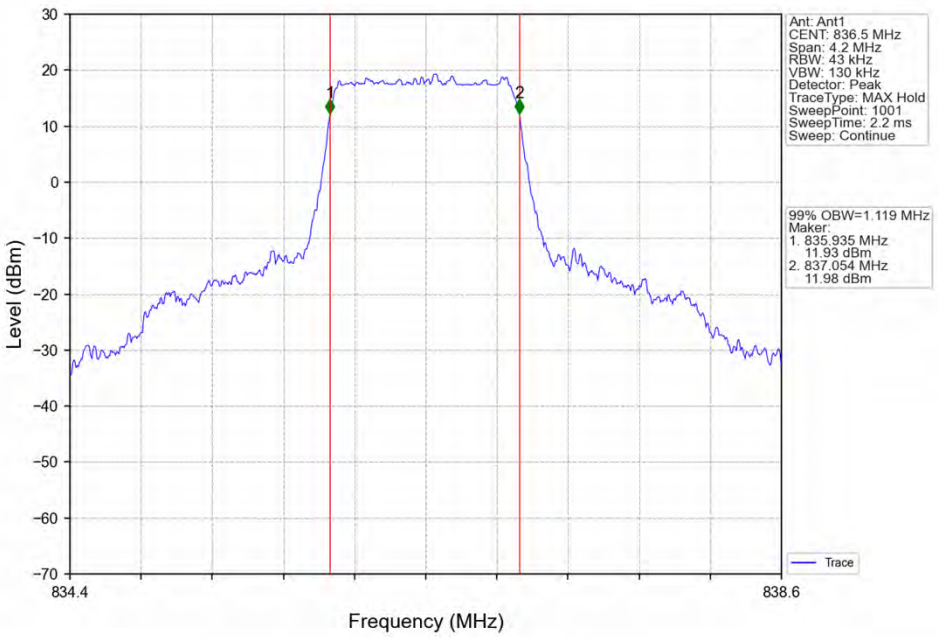
| Band: 26b / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | Verdict |
| | | | Size | Offset | Result | |
| 1.4 | QPSK | 824.7 | 6 | 0 | 1.119 | Pass |
| | | 836.5 | 6 | 0 | 1.119 | Pass |
| | | 848.3 | 6 | 0 | 1.114 | Pass |
| | 16QAM | 824.7 | 6 | 0 | 1.103 | Pass |
| | | 836.5 | 6 | 0 | 1.111 | Pass |
| | | 848.3 | 6 | 0 | 1.116 | Pass |
| 3 | QPSK | 825.5 | 15 | 0 | 2.728 | Pass |
| | | 836.5 | 15 | 0 | 2.742 | Pass |
| | | 847.5 | 15 | 0 | 2.735 | Pass |
| | 16QAM | 825.5 | 15 | 0 | 2.731 | Pass |
| | | 836.5 | 15 | 0 | 2.733 | Pass |
| | | 847.5 | 15 | 0 | 2.720 | Pass |
| 5 | QPSK | 826.5 | 25 | 0 | 4.558 | Pass |
| | | 836.5 | 25 | 0 | 4.543 | Pass |
| | | 846.5 | 25 | 0 | 4.555 | Pass |
| | 16QAM | 826.5 | 25 | 0 | 4.543 | Pass |
| | | 836.5 | 25 | 0 | 4.566 | Pass |
| | | 846.5 | 25 | 0 | 4.553 | Pass |
| 10 | QPSK | 829 | 50 | 0 | 9.087 | Pass |
| | | 836.5 | 50 | 0 | 9.083 | Pass |
| | | 844 | 50 | 0 | 9.037 | Pass |
| | 16QAM | 829 | 50 | 0 | 9.078 | Pass |
| | | 836.5 | 50 | 0 | 9.065 | Pass |
| | | 844 | 50 | 0 | 9.047 | Pass |

## 4.1.2 Test Graph

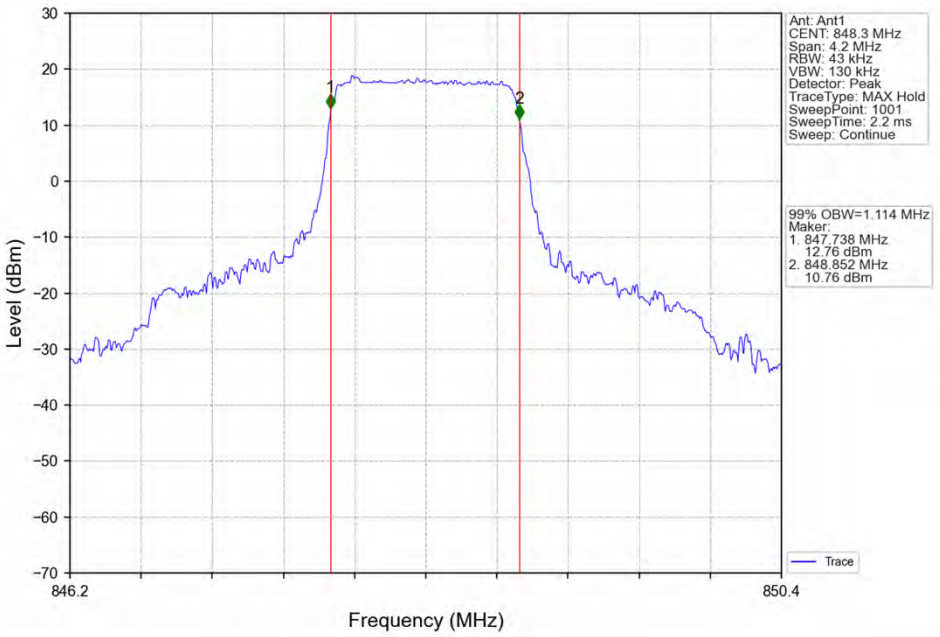
Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



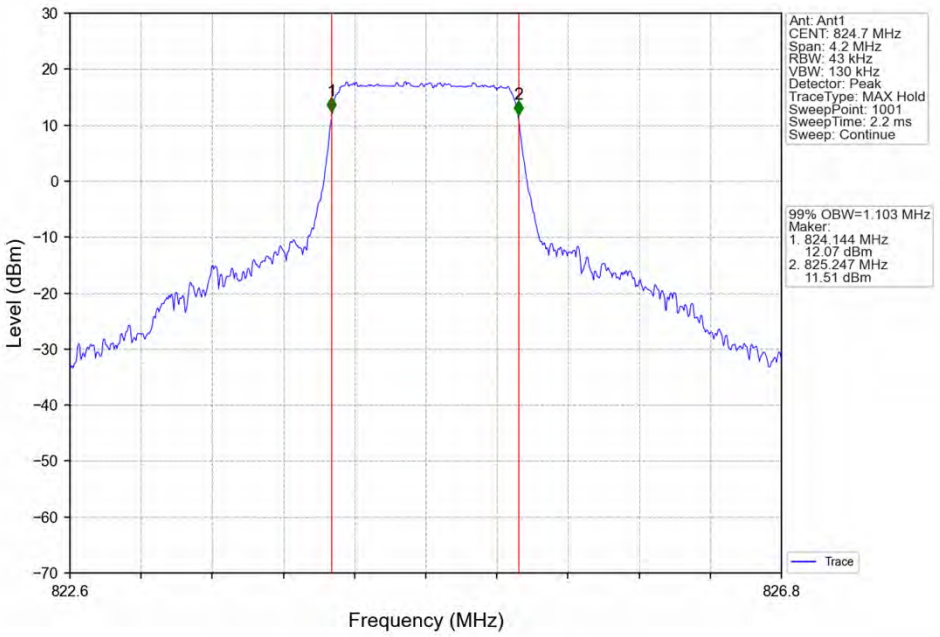

Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



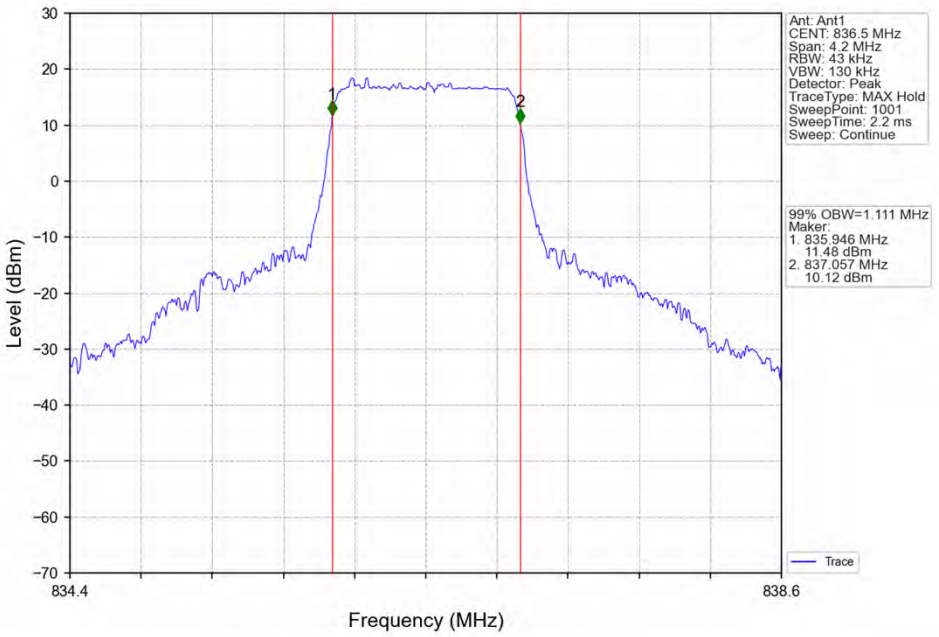
Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



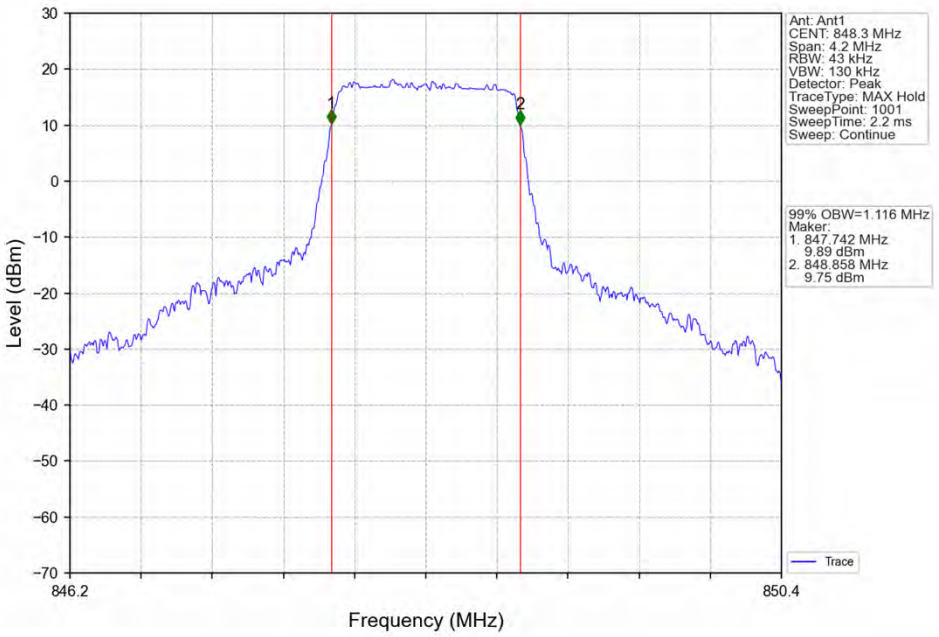

Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



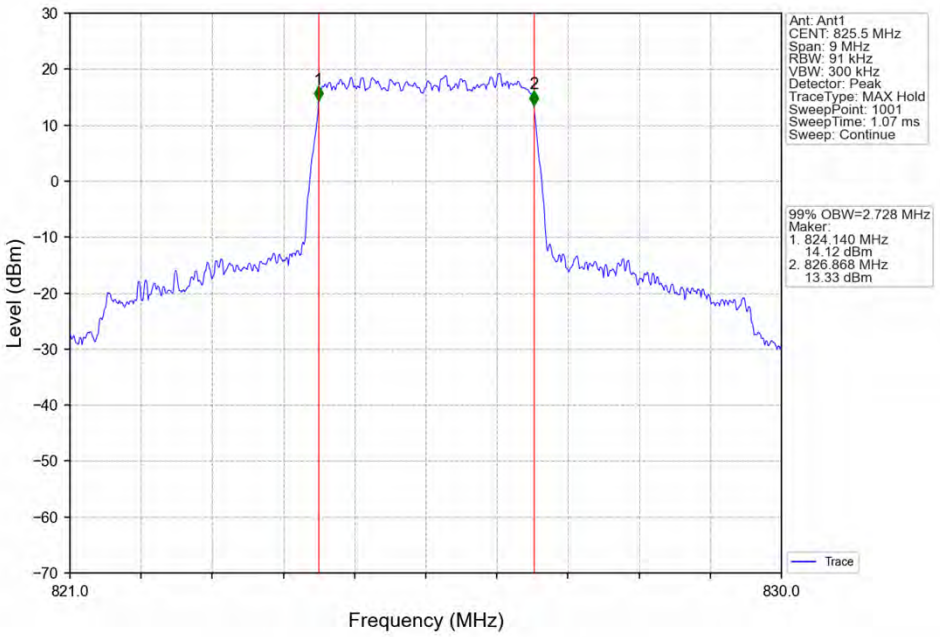
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



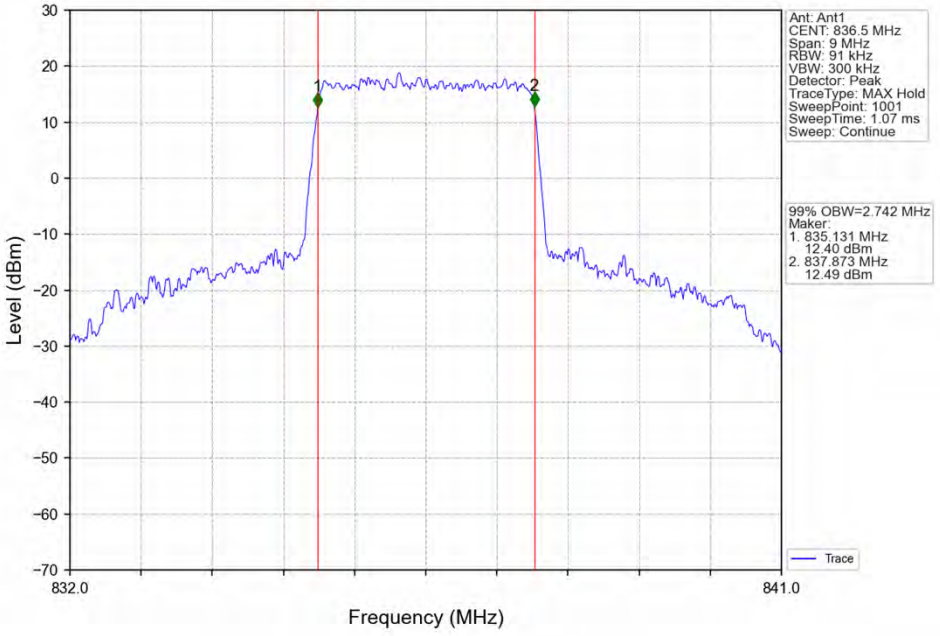

Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



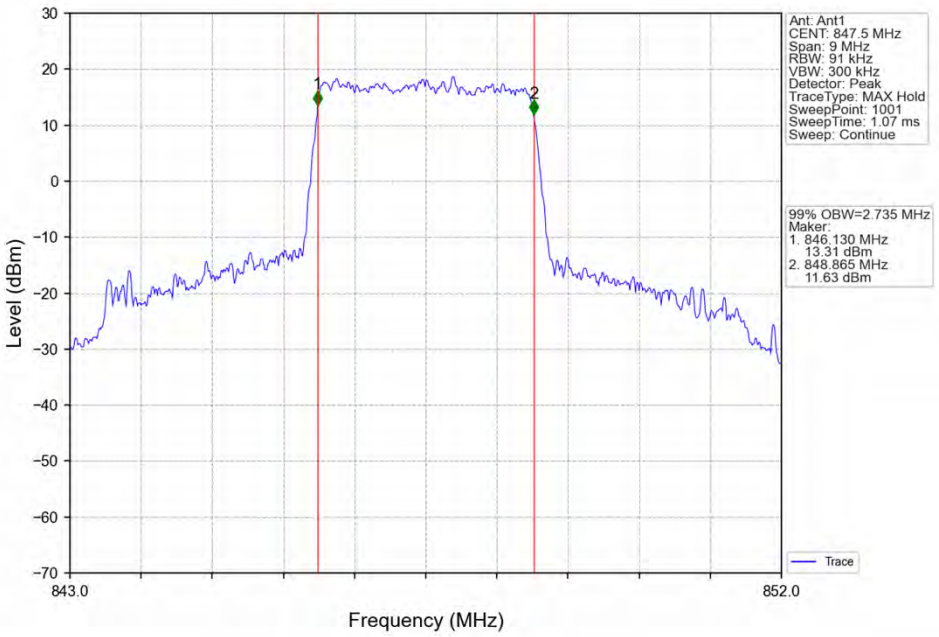
Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



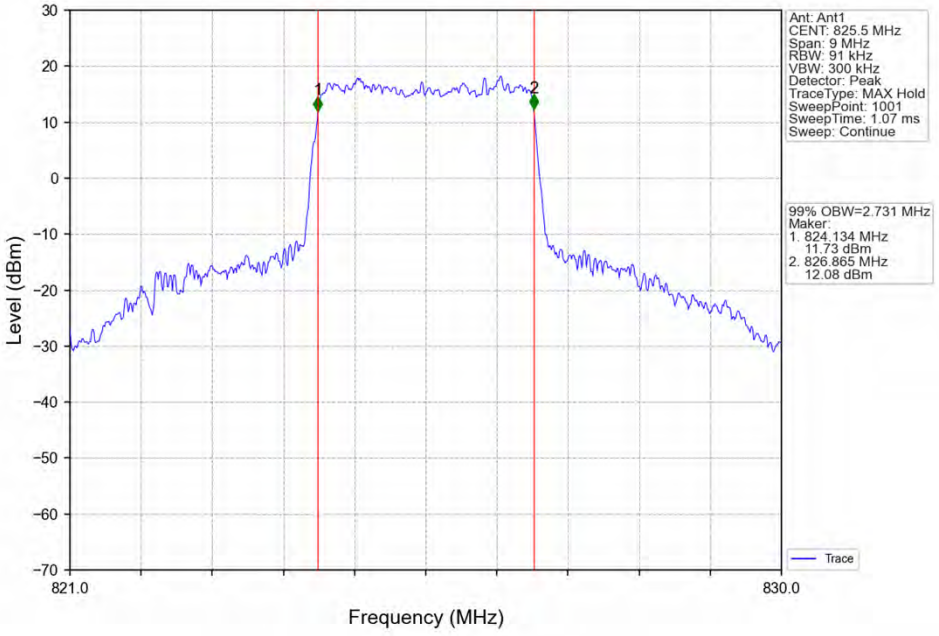

Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



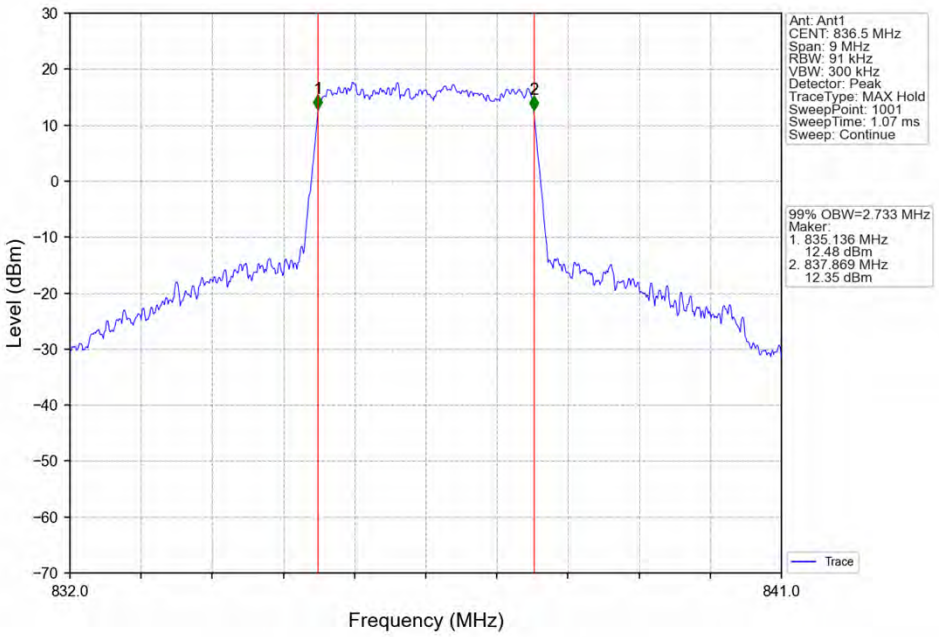
Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



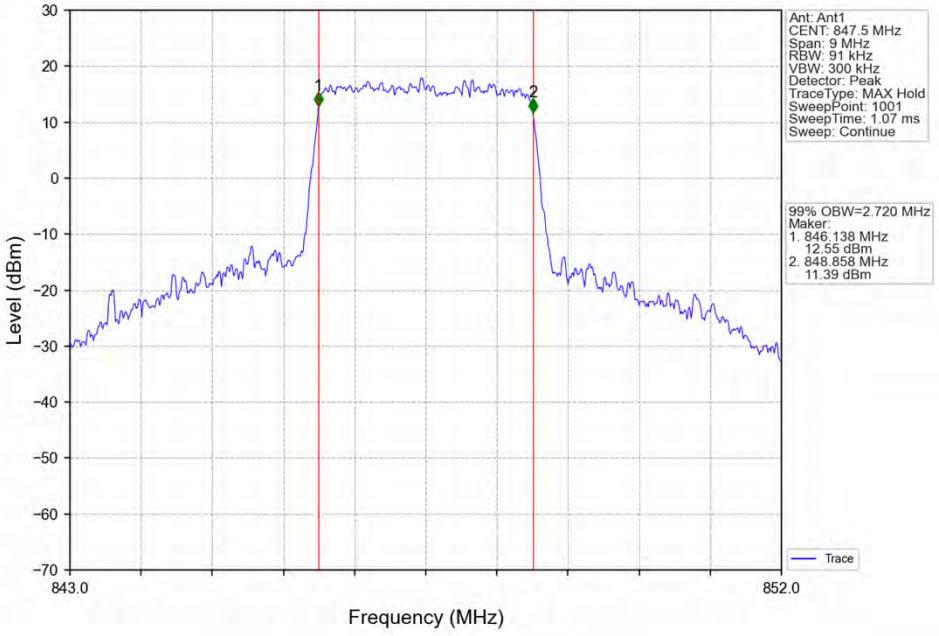

Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



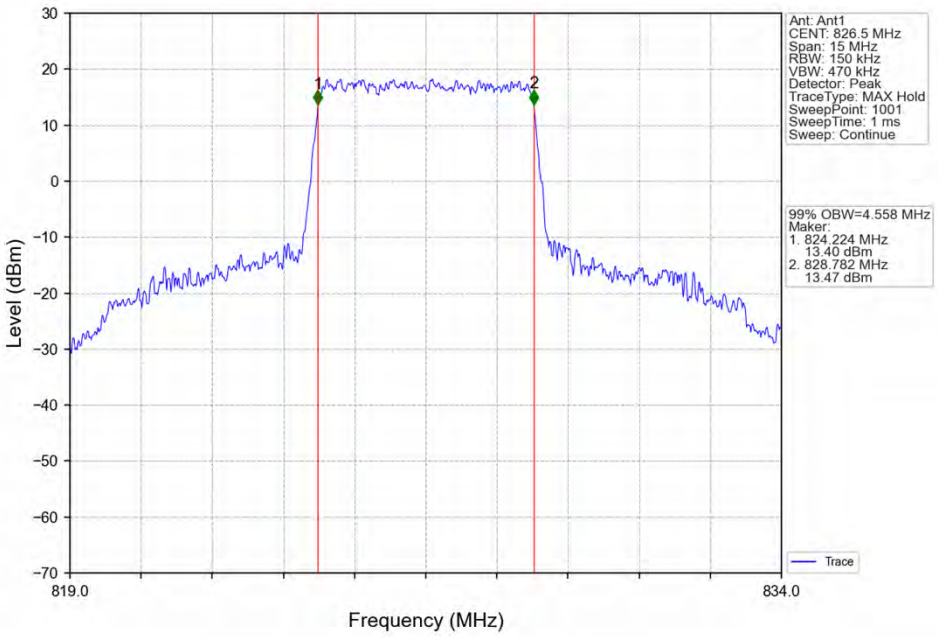
Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



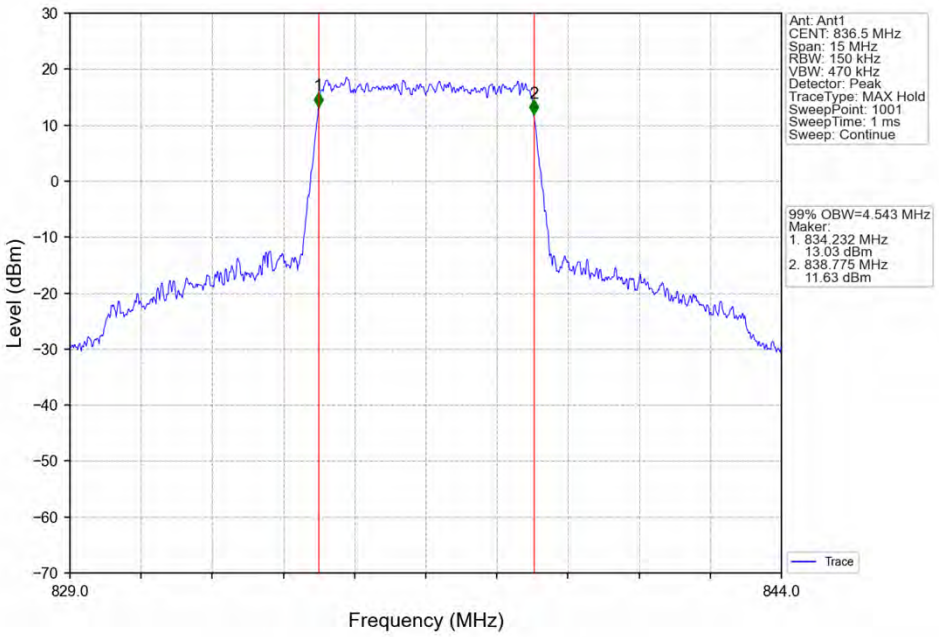

Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



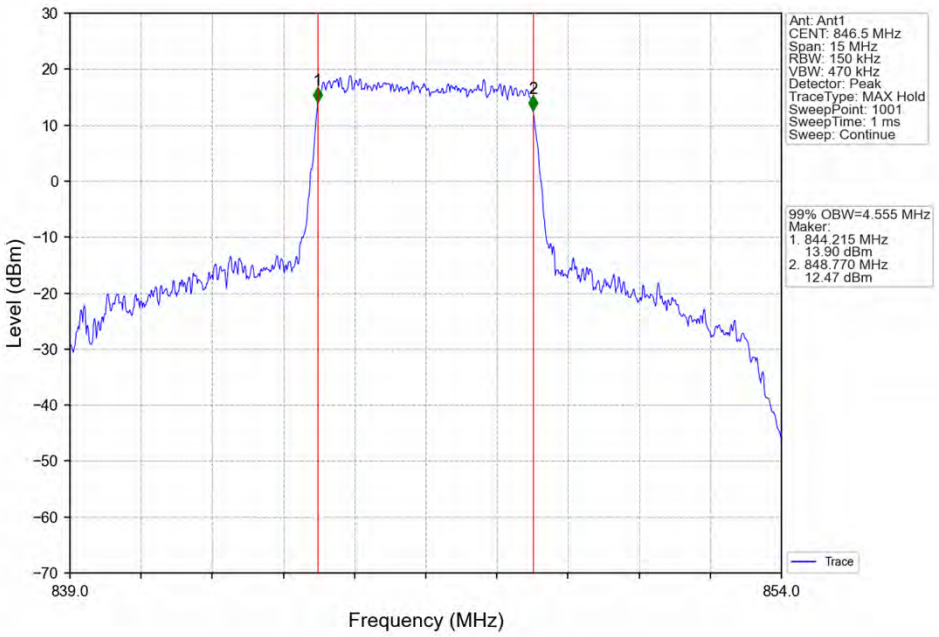
Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



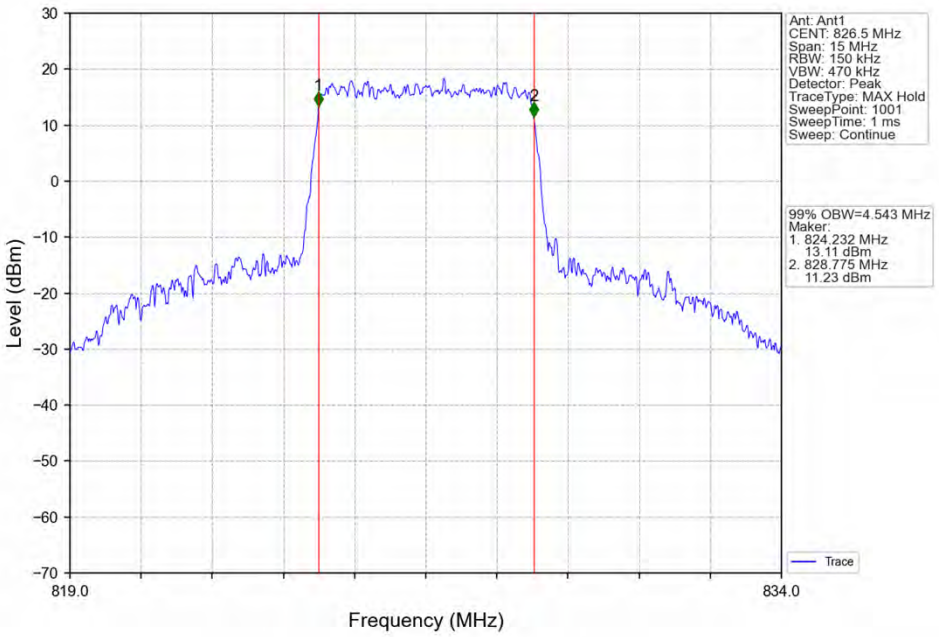

Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



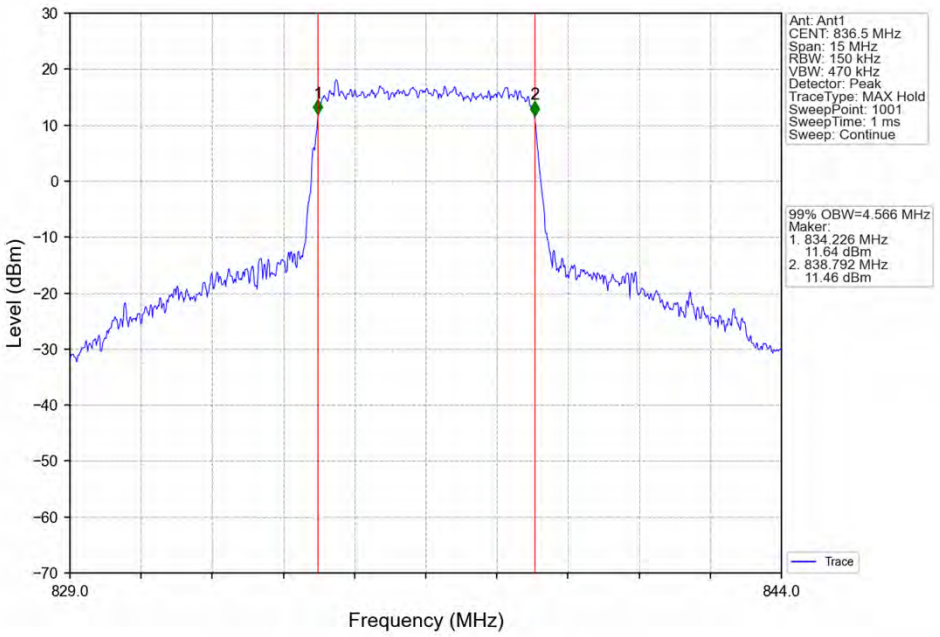
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



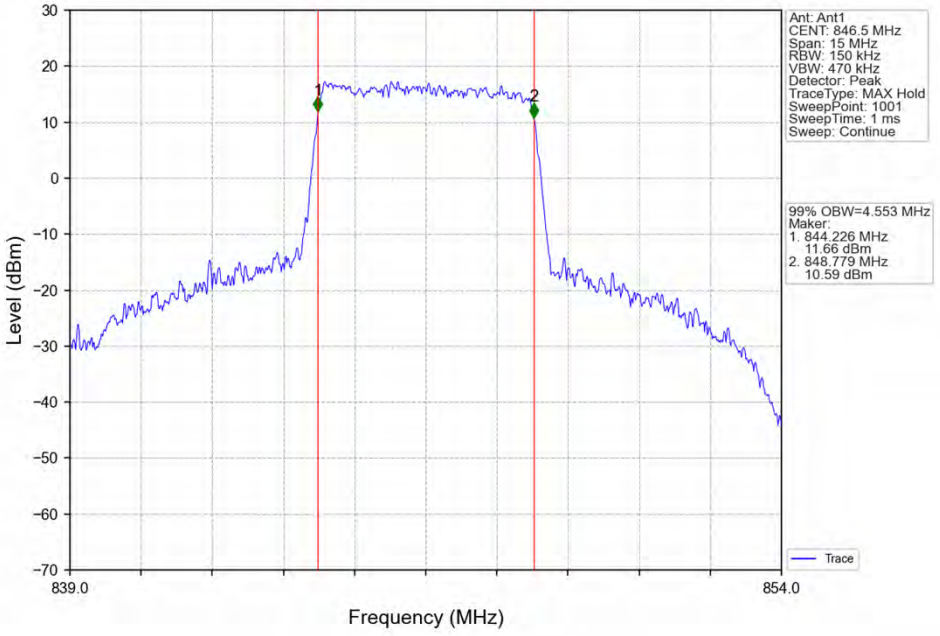

Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



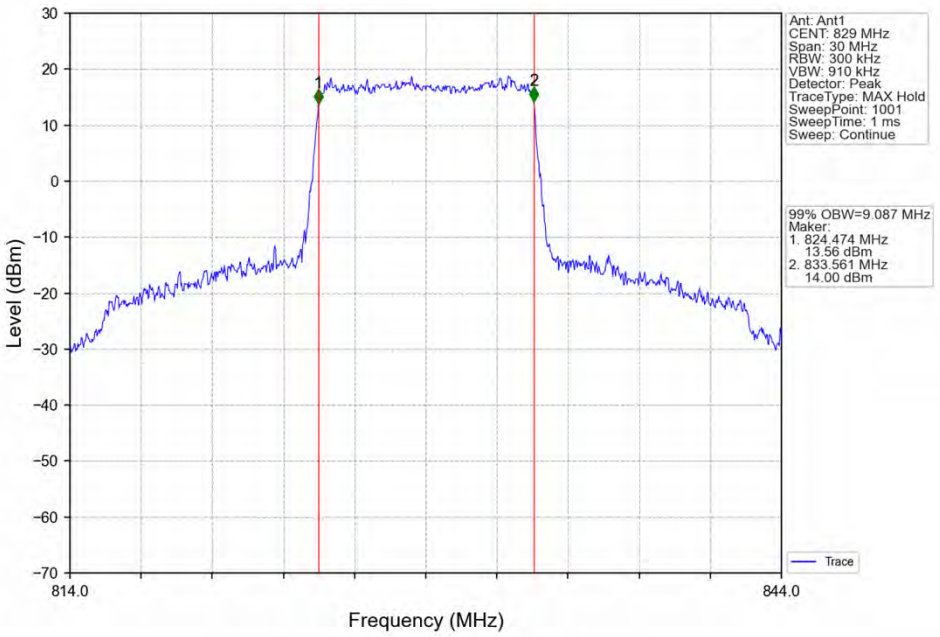
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



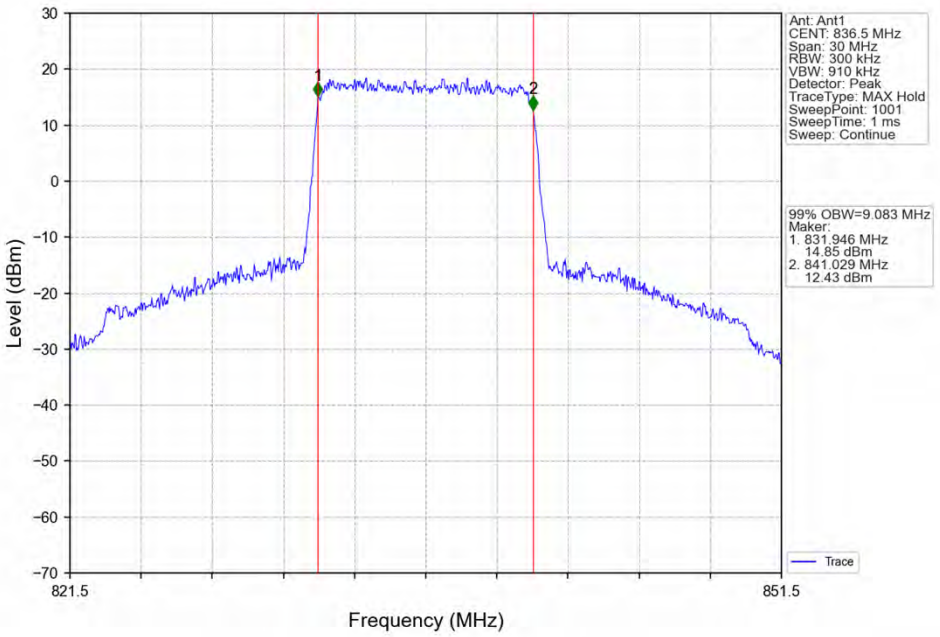

Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



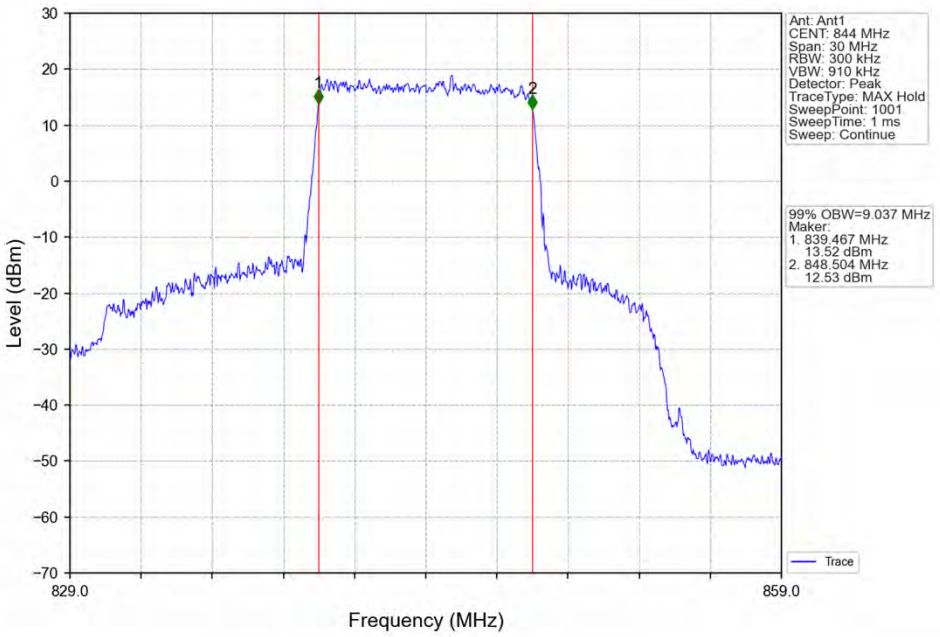
Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



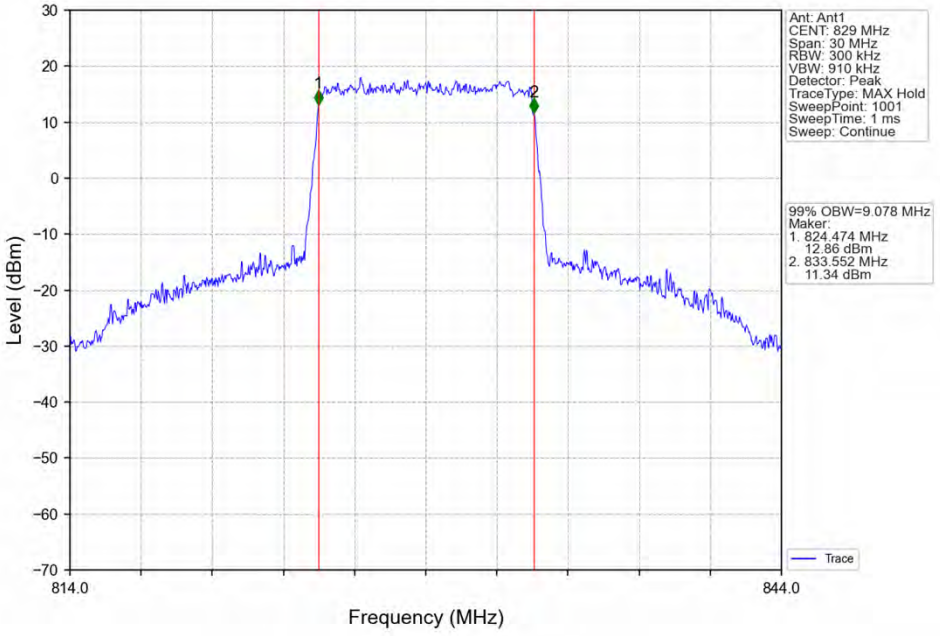

Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



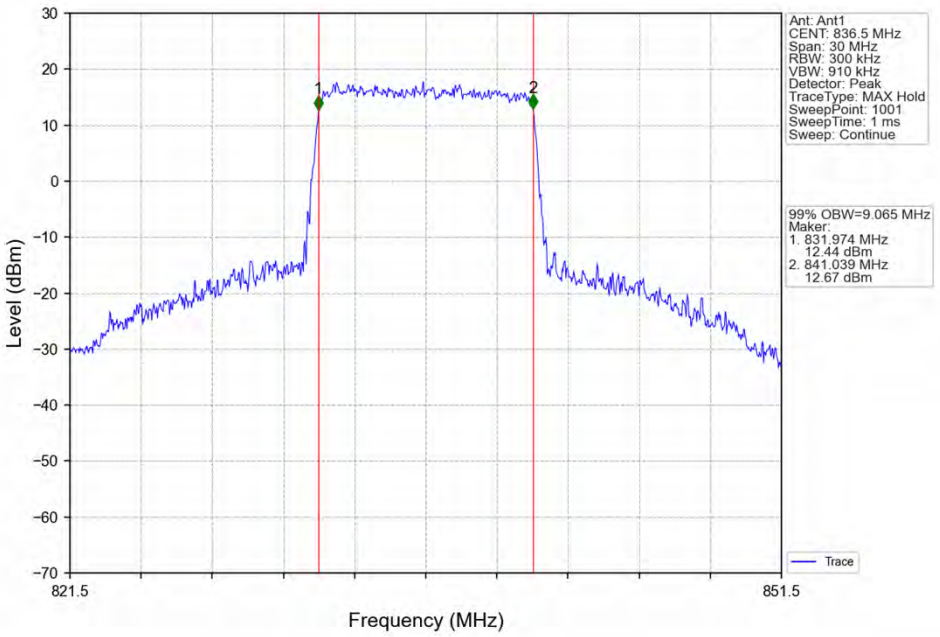
Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



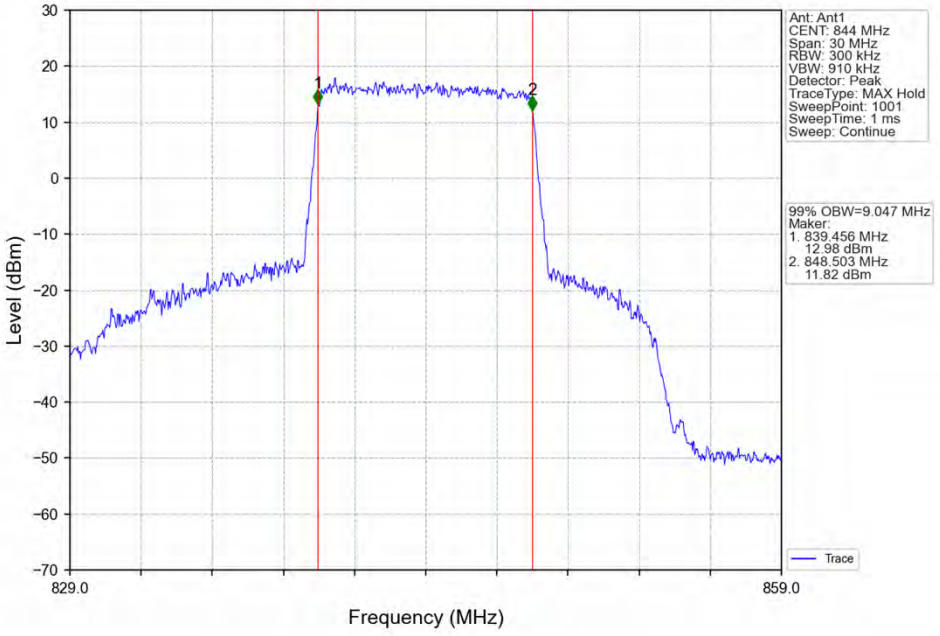

Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV




Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



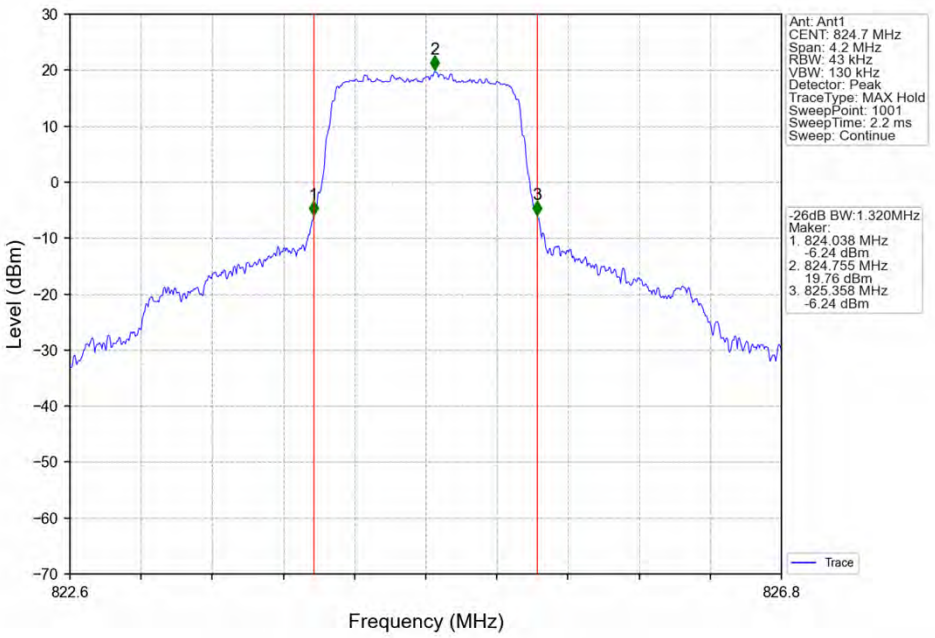
## 4.2 Band26b_XDB

### 4.2.1 Test Result

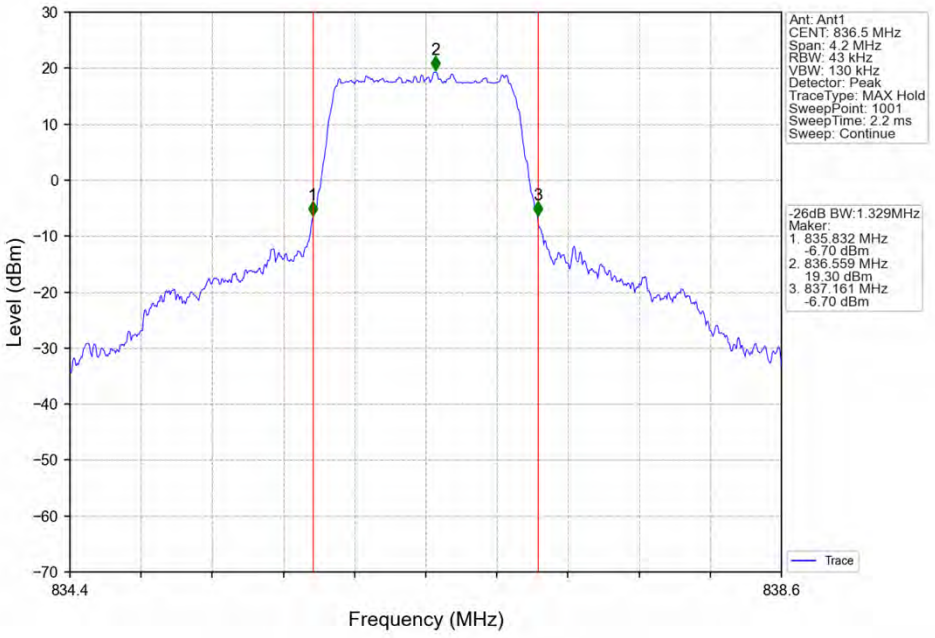
| Band: 26b / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | Verdict |
| | | | Size | Offset | Result | |
| 1.4 | QPSK | 824.7 | 6 | 0 | 1.320 | Pass |
| | | 836.5 | 6 | 0 | 1.329 | Pass |
| | | 848.3 | 6 | 0 | 1.332 | Pass |
| | 16QAM | 824.7 | 6 | 0 | 1.315 | Pass |
| | | 836.5 | 6 | 0 | 1.309 | Pass |
| | | 848.3 | 6 | 0 | 1.322 | Pass |
| 3 | QPSK | 825.5 | 15 | 0 | 3.016 | Pass |
| | | 836.5 | 15 | 0 | 3.016 | Pass |
| | | 847.5 | 15 | 0 | 3.020 | Pass |
| | 16QAM | 825.5 | 15 | 0 | 3.009 | Pass |
| | | 836.5 | 15 | 0 | 3.019 | Pass |
| | | 847.5 | 15 | 0 | 3.020 | Pass |
| 5 | QPSK | 826.5 | 25 | 0 | 5.046 | Pass |
| | | 836.5 | 25 | 0 | 5.085 | Pass |
| | | 846.5 | 25 | 0 | 5.013 | Pass |
| | 16QAM | 826.5 | 25 | 0 | 5.032 | Pass |
| | | 836.5 | 25 | 0 | 5.028 | Pass |
| | | 846.5 | 25 | 0 | 5.083 | Pass |
| 10 | QPSK | 829 | 50 | 0 | 9.978 | Pass |
| | | 836.5 | 50 | 0 | 9.971 | Pass |
| | | 844 | 50 | 0 | 9.968 | Pass |
| | 16QAM | 829 | 50 | 0 | 9.929 | Pass |
| | | 836.5 | 50 | 0 | 9.959 | Pass |
| | | 844 | 50 | 0 | 10.011 | Pass |

## 4.2.2 Test Graph

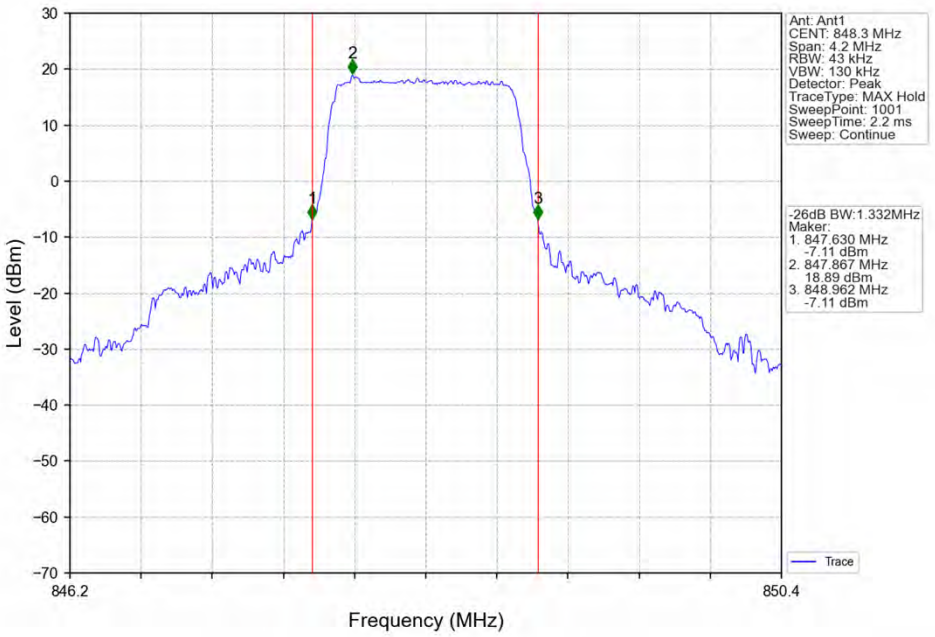
Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



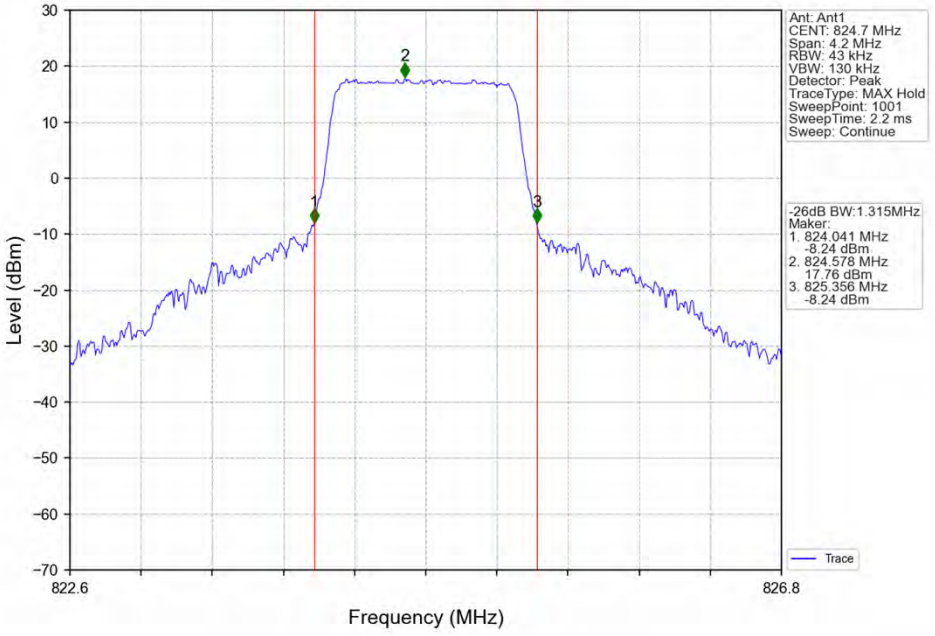

Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



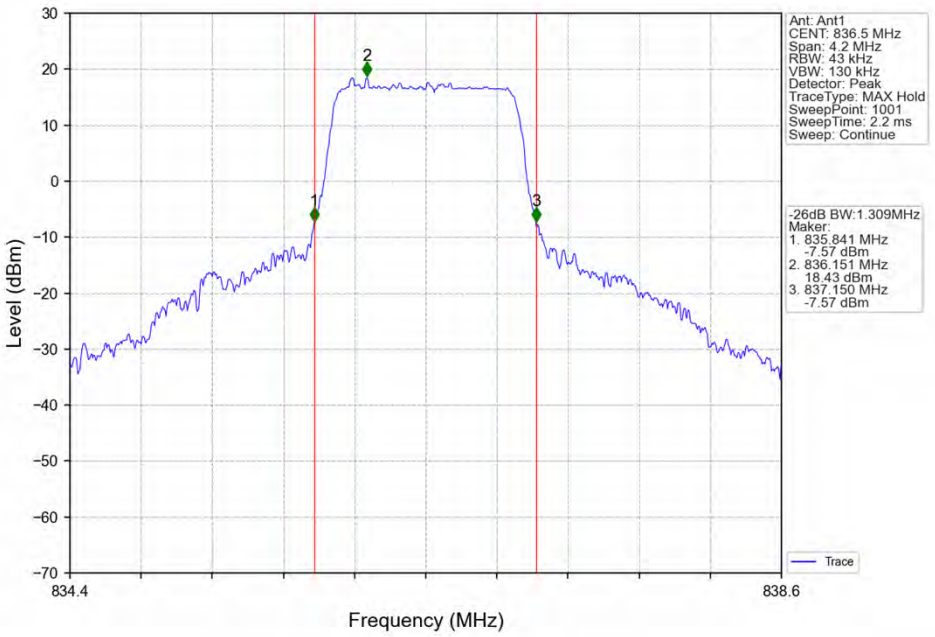
Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



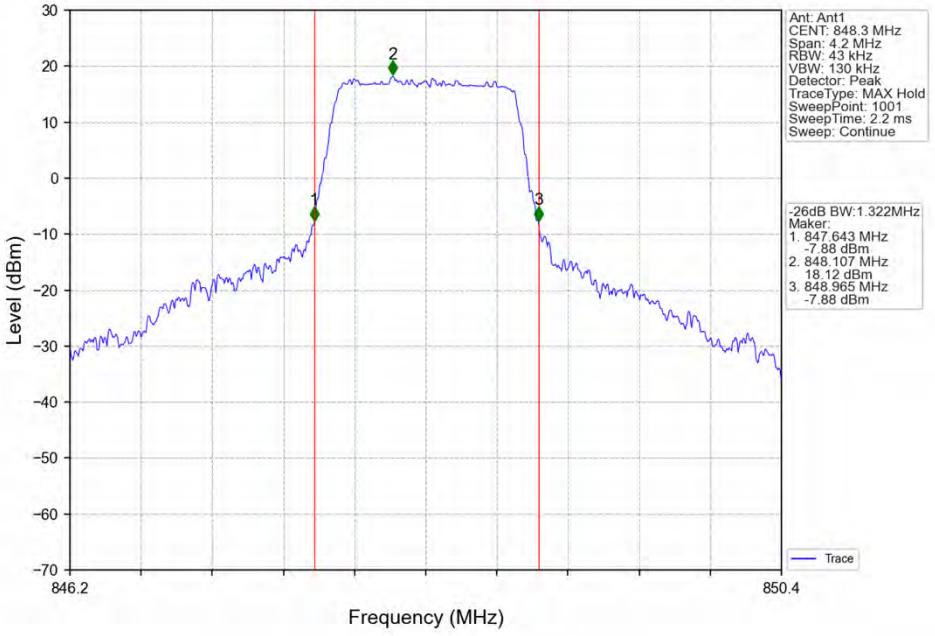

Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



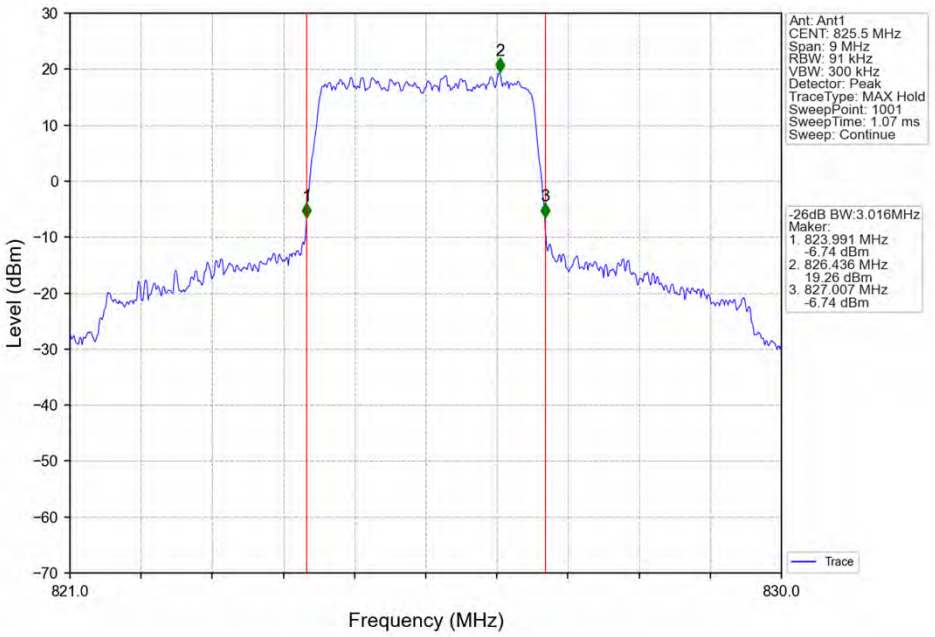
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



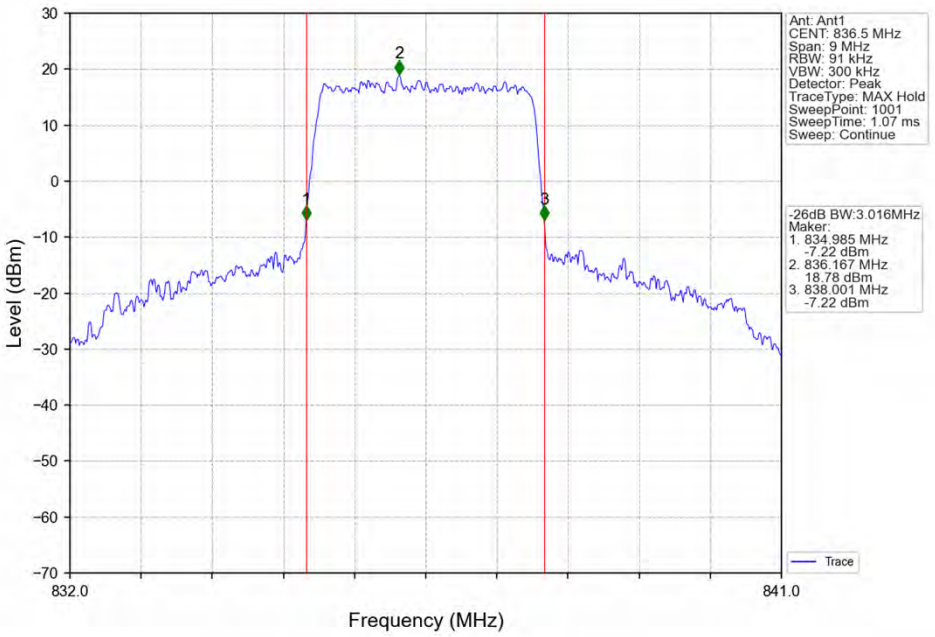

Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



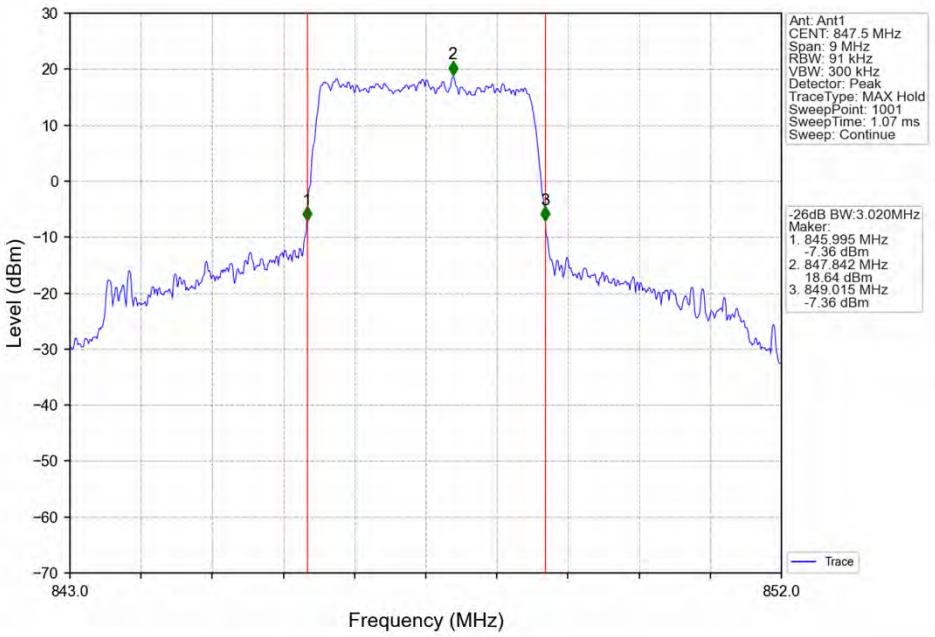
Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



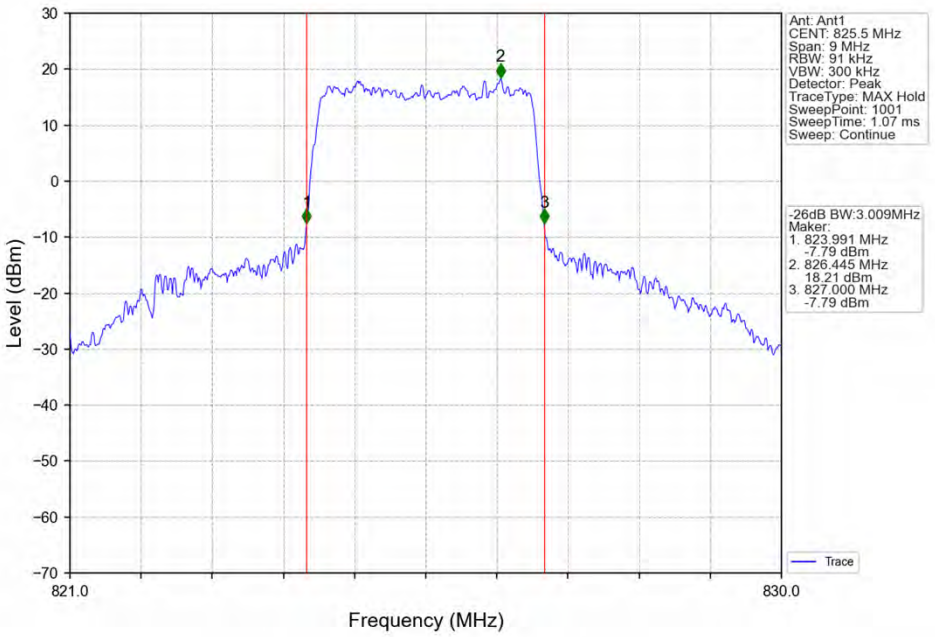

Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



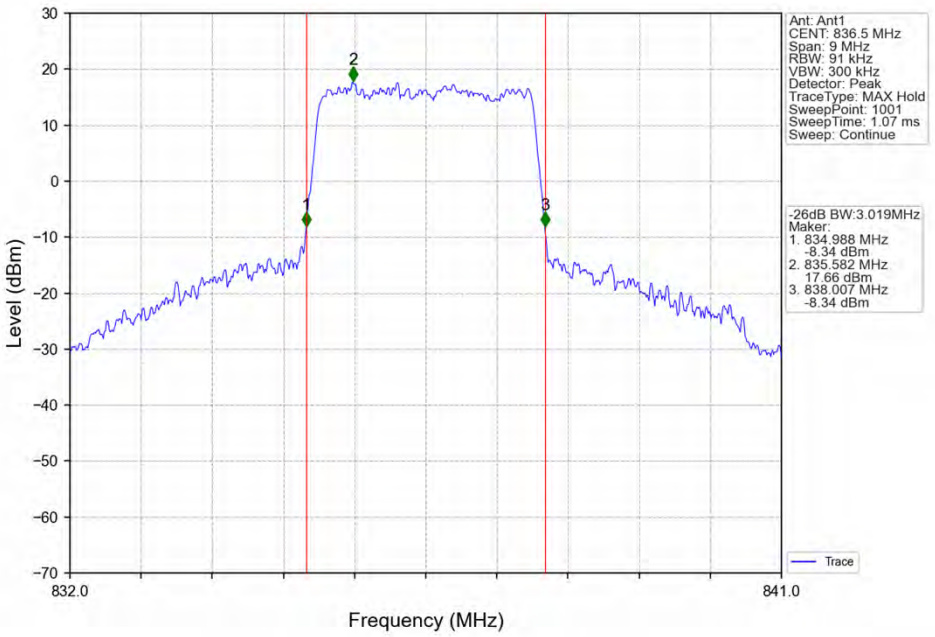
Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



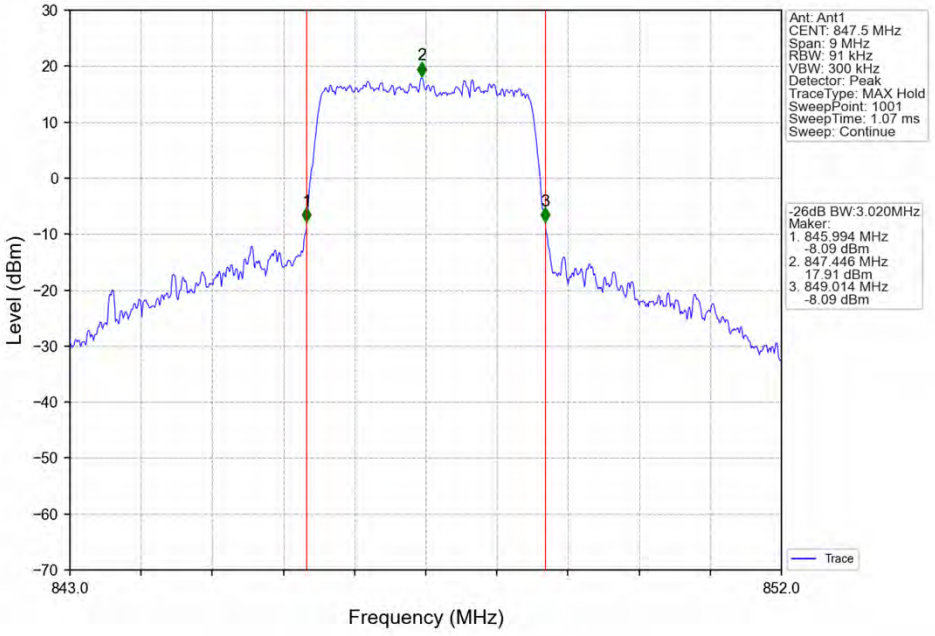

Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



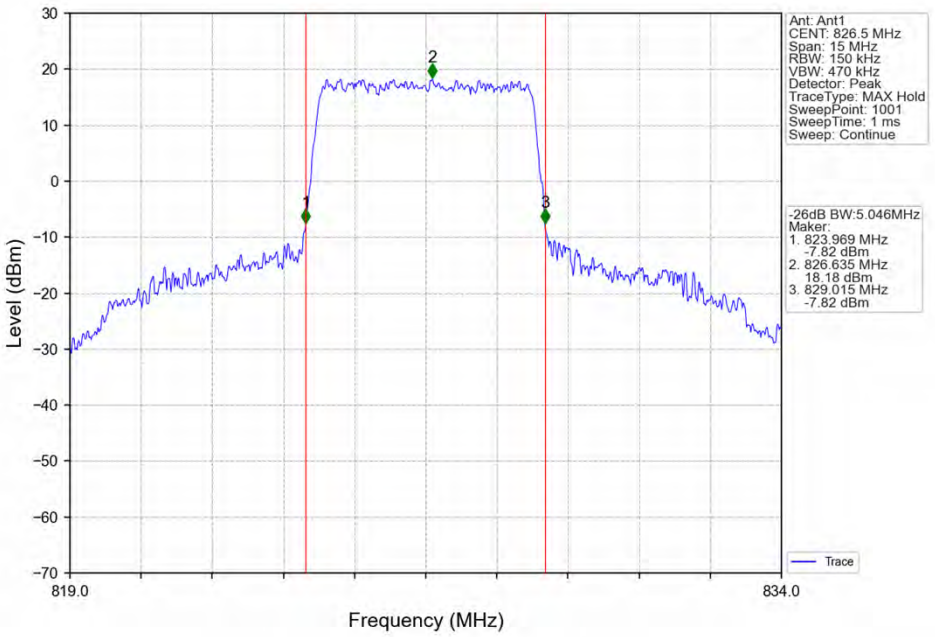
Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



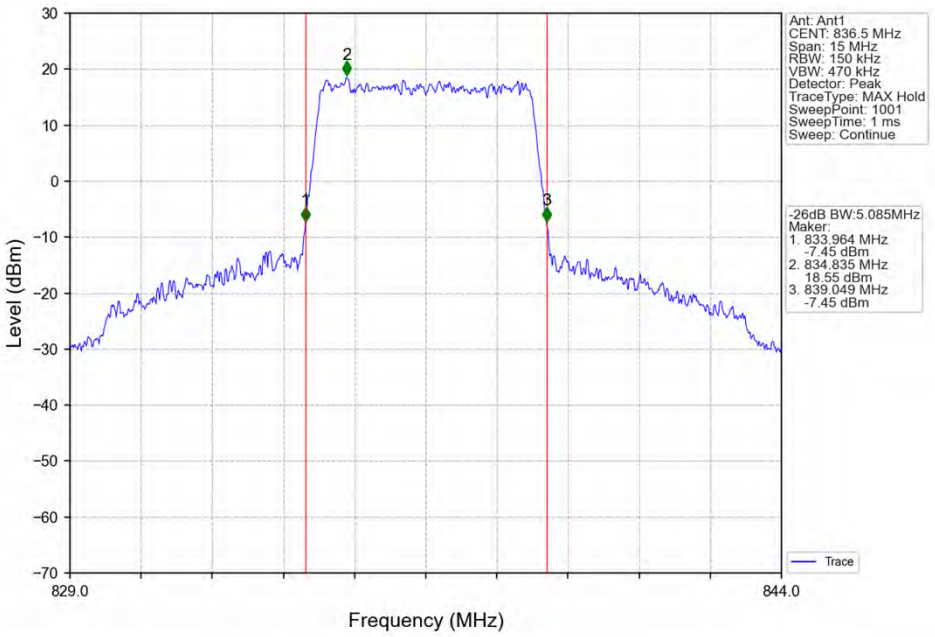

Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



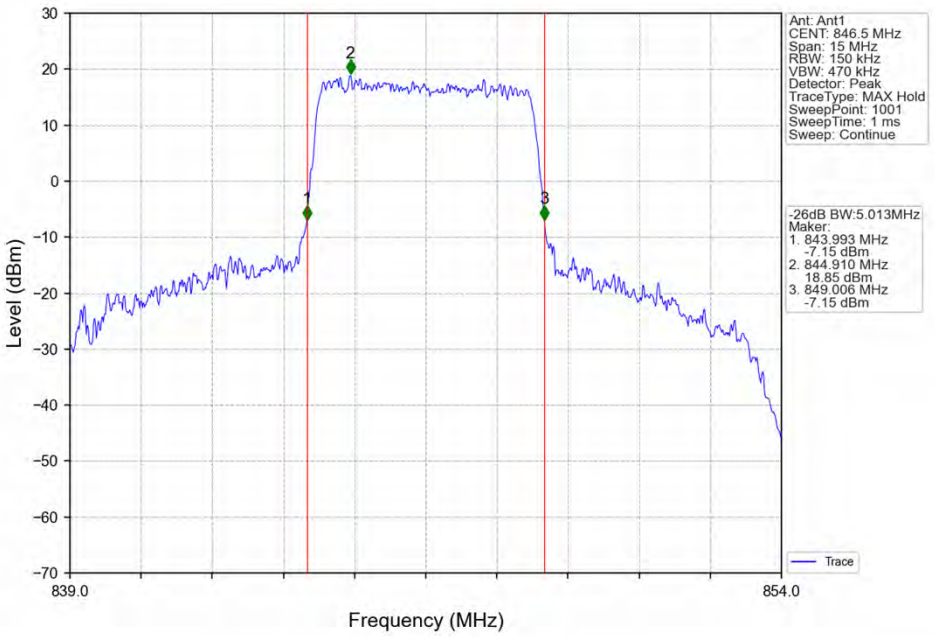
Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



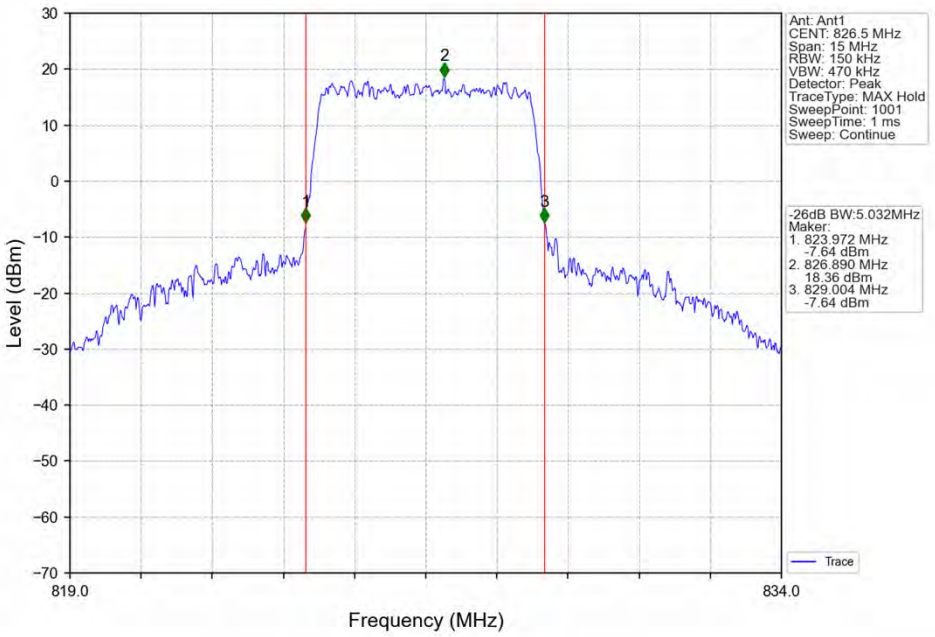

Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



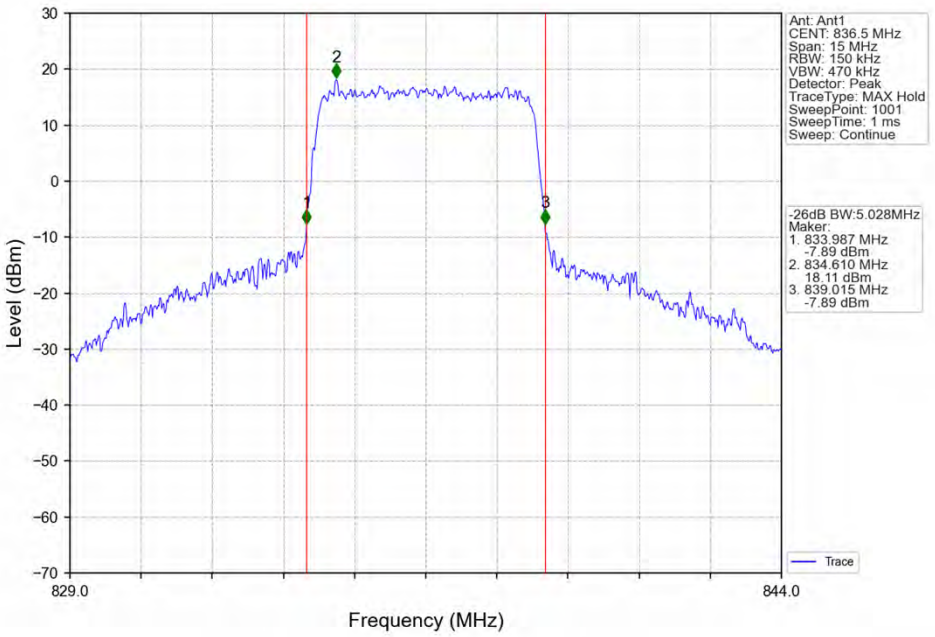
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



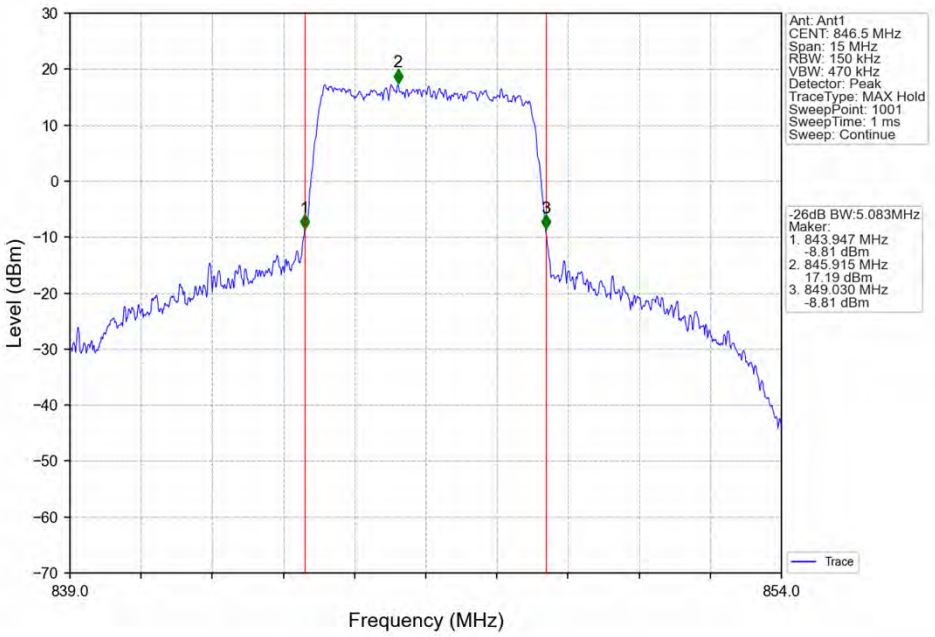

Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



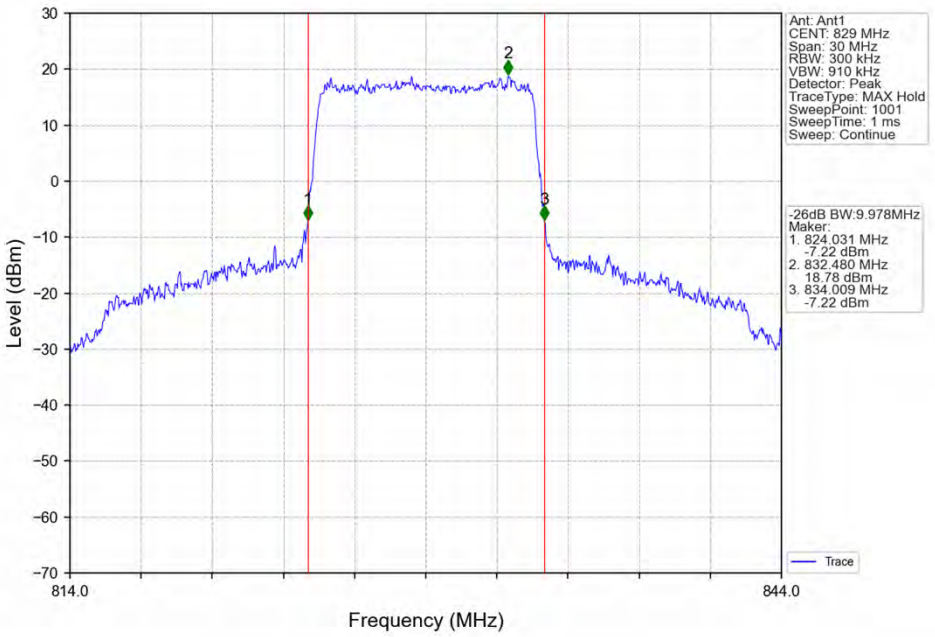
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



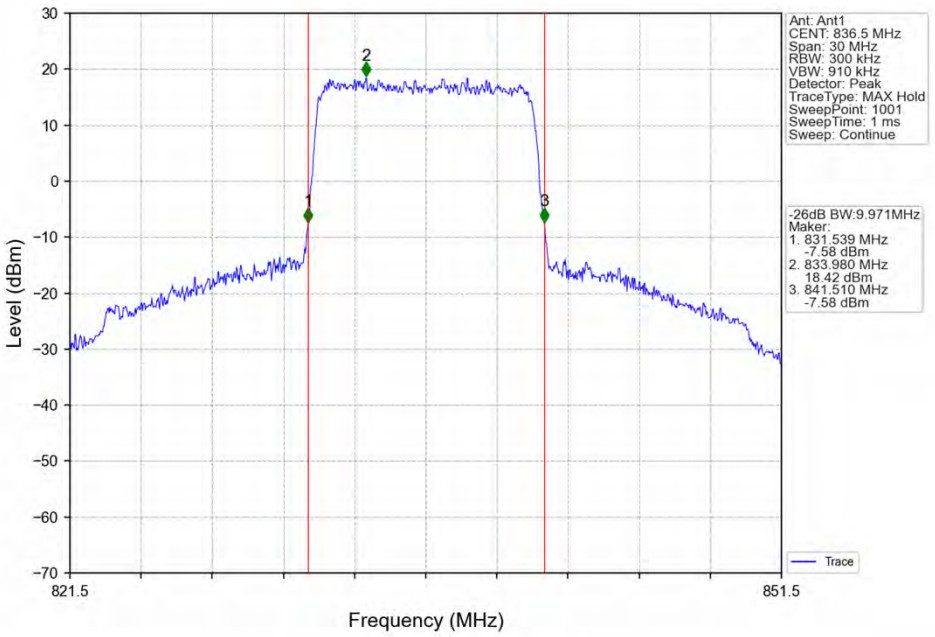

Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



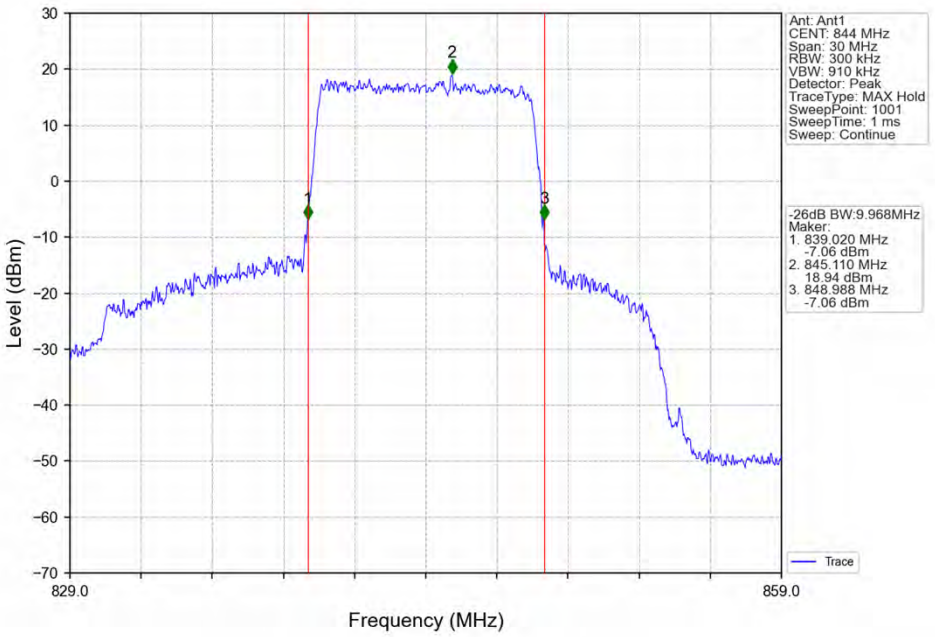
Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



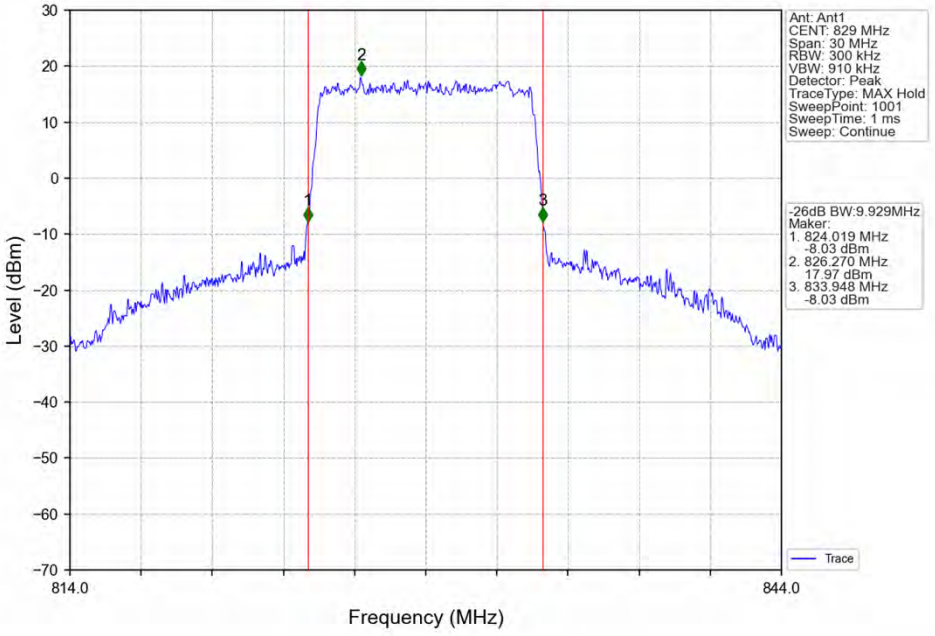

Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



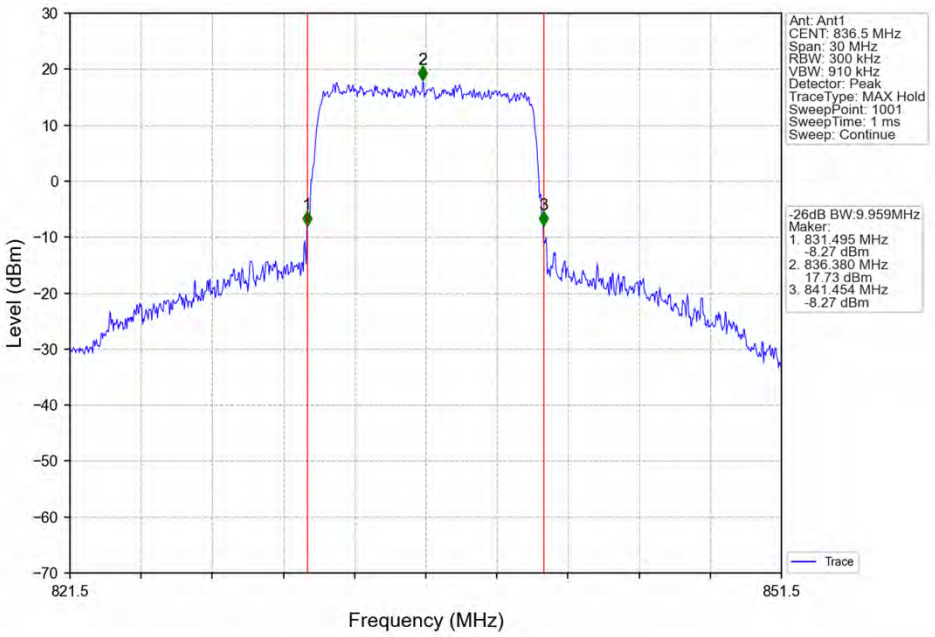
Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



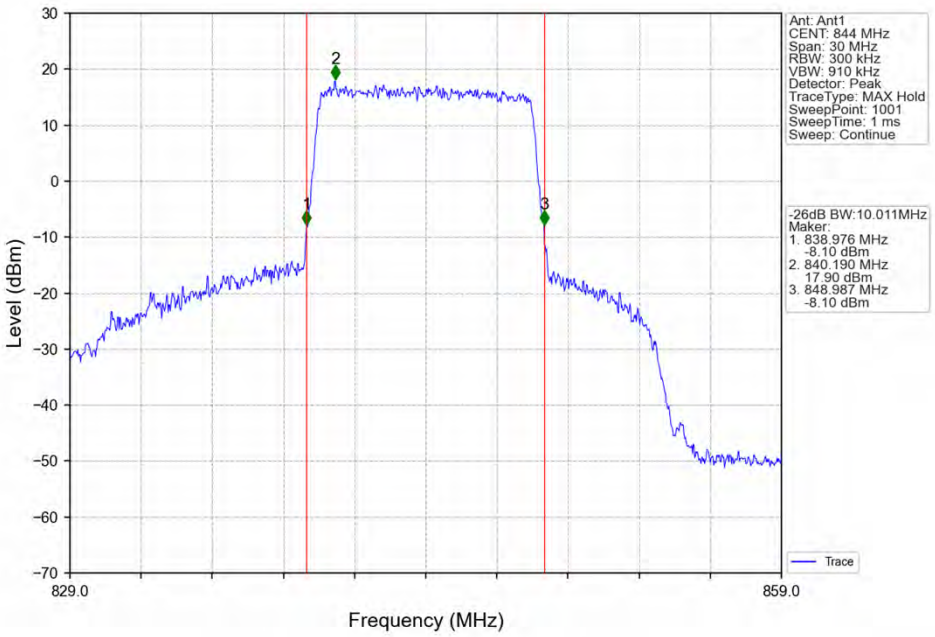

Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV




Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



# 5. Peak-Average Ratio

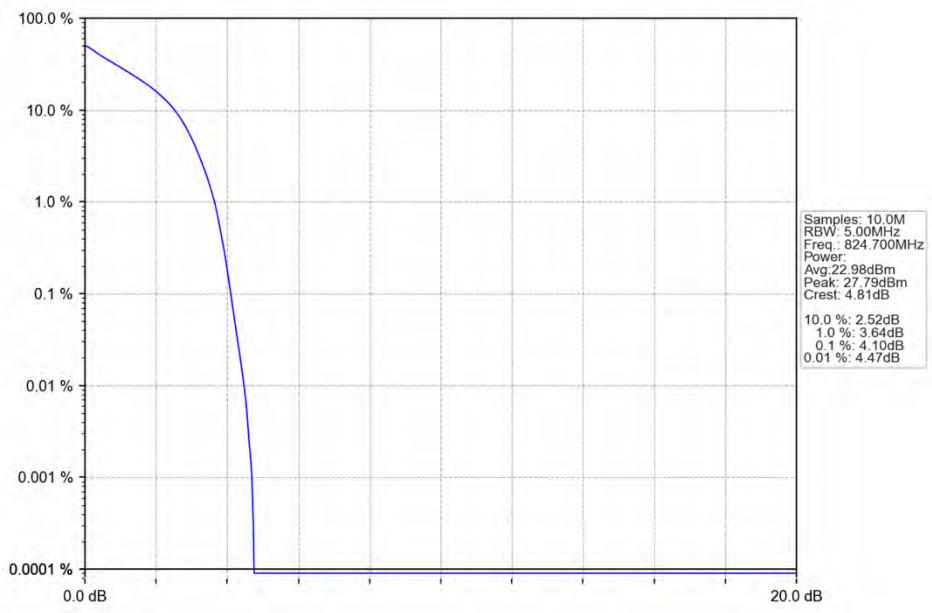
## 5.1 B26b_1.4MHz

### 5.1.1 Test Result

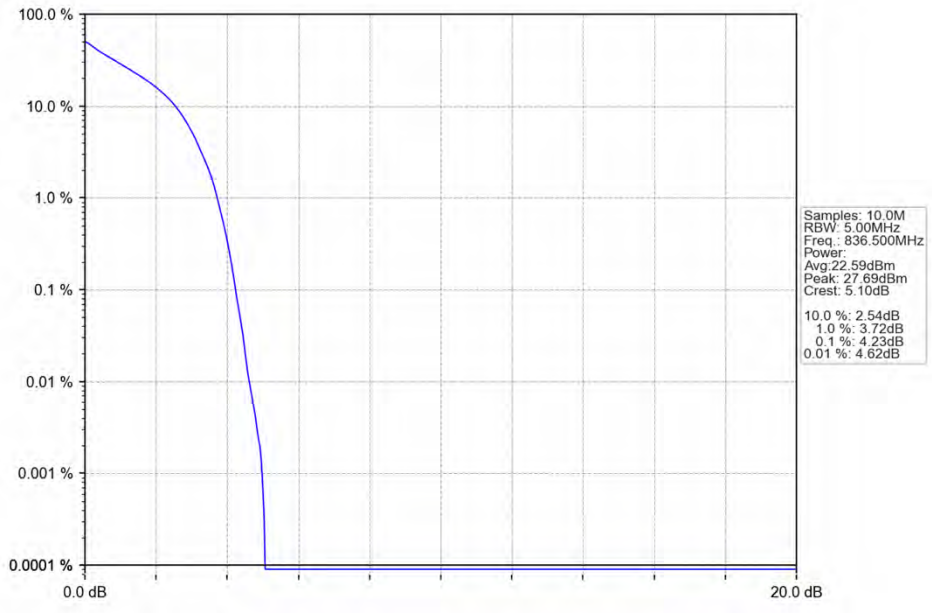
| Band: 26b / Bandwidth: 1.4MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 824.7 | 6 | 0 | 4.10 | <=13 | Pass |
| | 836.5 | 6 | 0 | 4.23 | <=13 | Pass |
| | 848.3 | 6 | 0 | 4.26 | <=13 | Pass |
| 16QAM | 824.7 | 6 | 0 | 4.90 | <=13 | Pass |
| | 836.5 | 6 | 0 | 5.06 | <=13 | Pass |
| | 848.3 | 6 | 0 | 5.08 | <=13 | Pass |

## 5.1.2 Test Graph

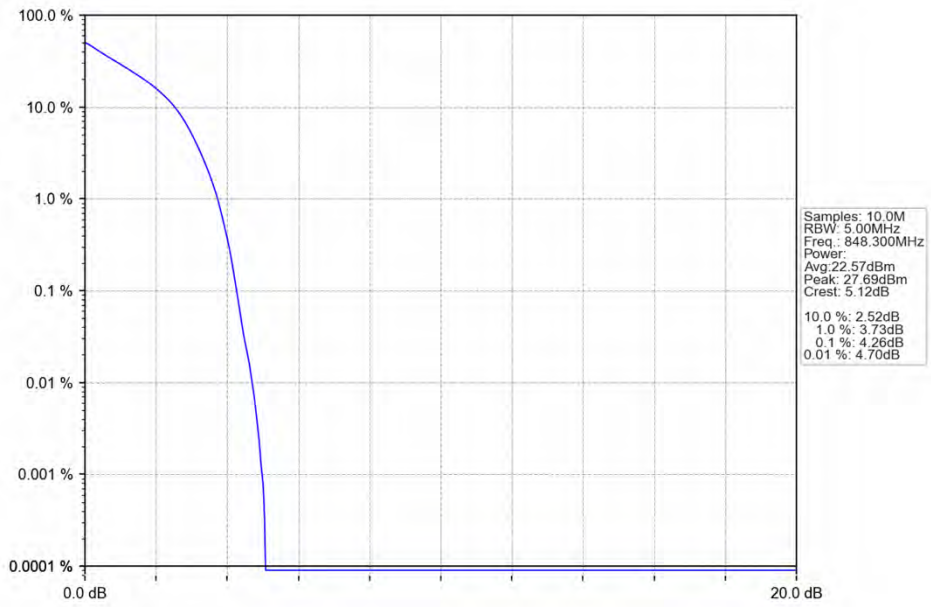
Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



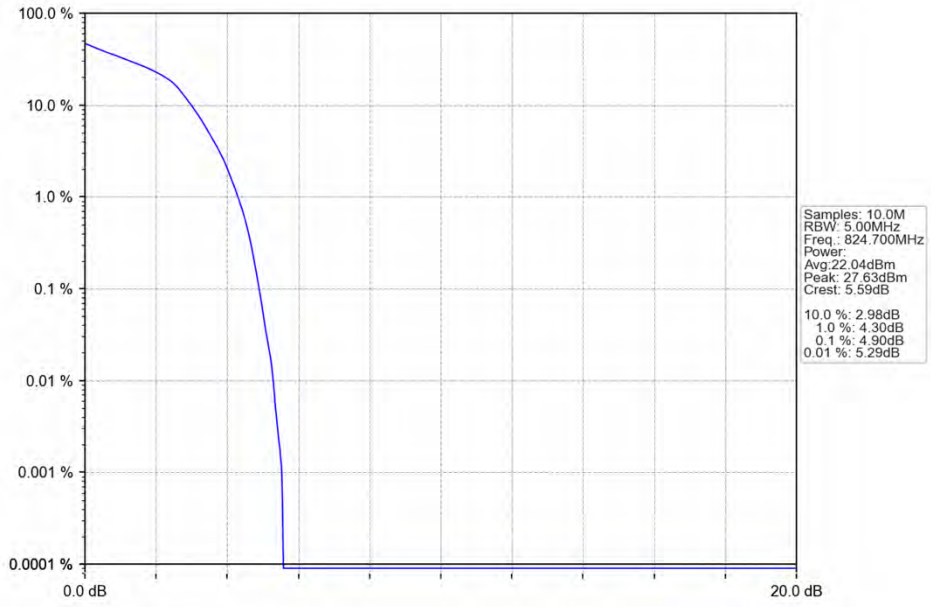

Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



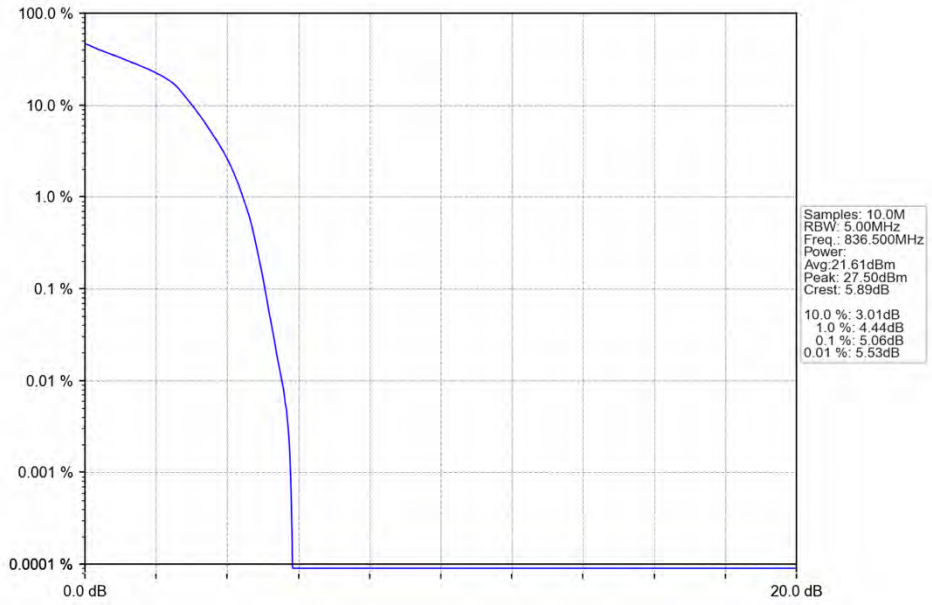
Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



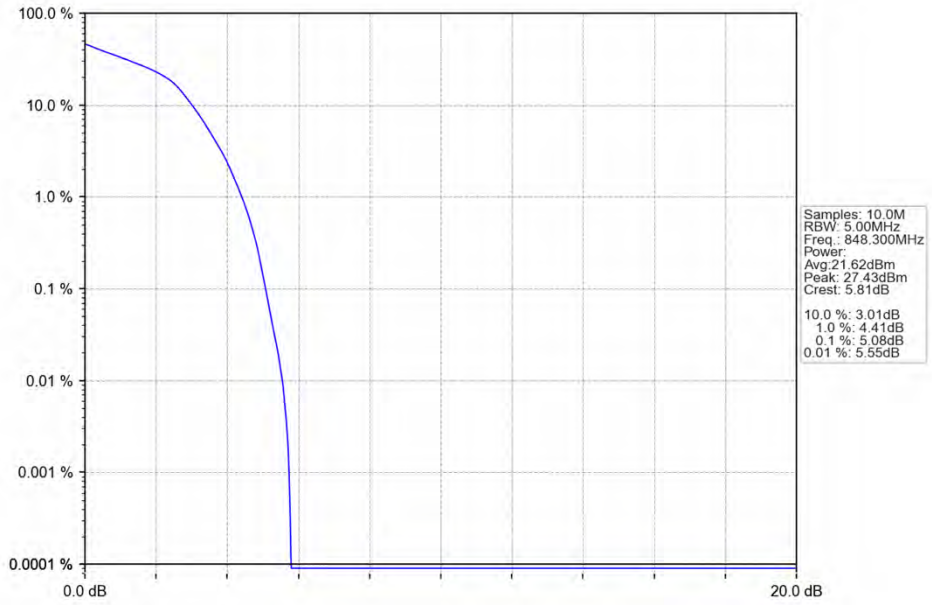

Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV




Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



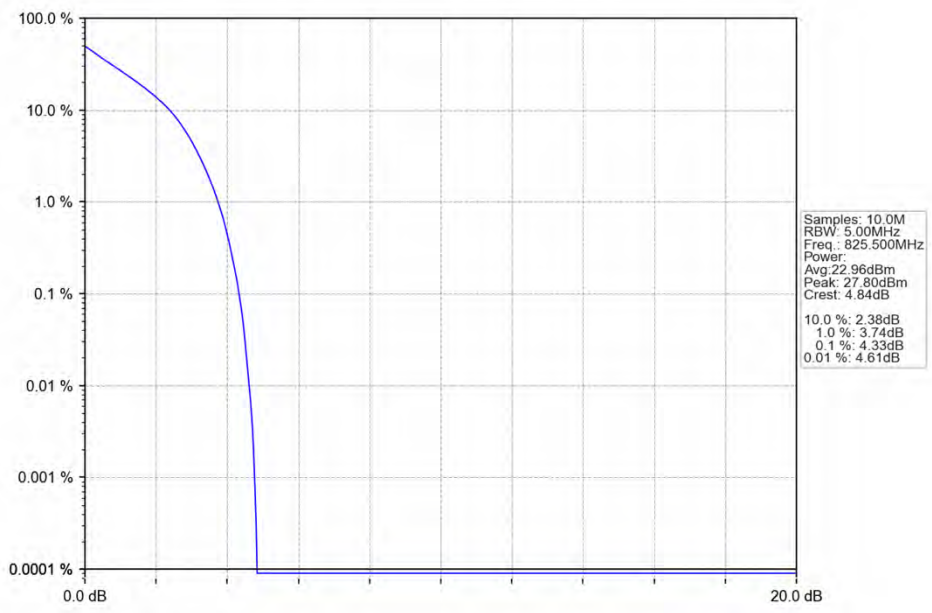
## 5.2 B26b_3MHz

### 5.2.1 Test Result

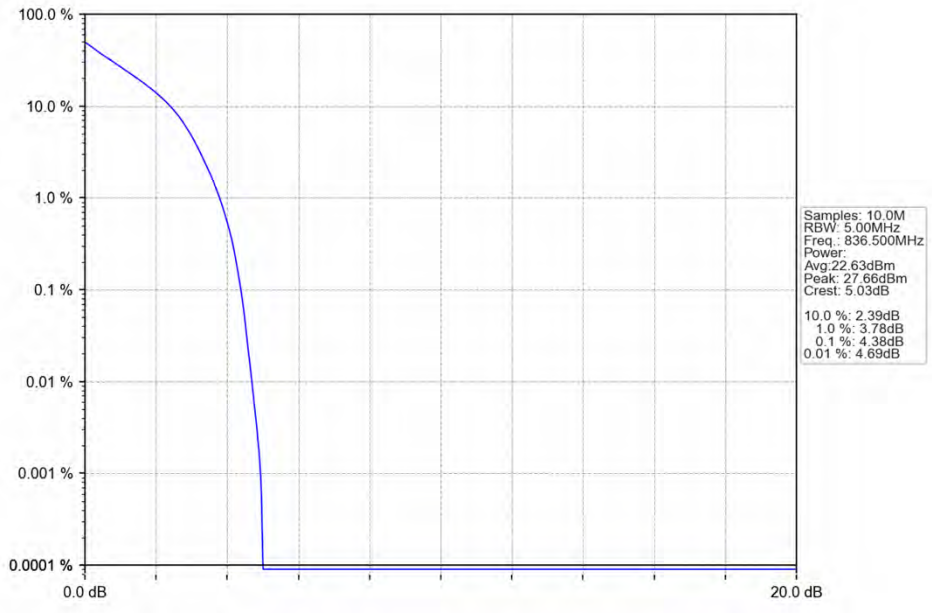
| Band: 26b / Bandwidth: 3MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 825.5 | 15 | 0 | 4.33 | <=13 | Pass |
| | 836.5 | 15 | 0 | 4.38 | <=13 | Pass |
| | 847.5 | 15 | 0 | 4.48 | <=13 | Pass |
| 16QAM | 825.5 | 15 | 0 | 5.19 | <=13 | Pass |
| | 836.5 | 15 | 0 | 5.23 | <=13 | Pass |
| | 847.5 | 15 | 0 | 5.26 | <=13 | Pass |

## 5.2.2 Test Graph

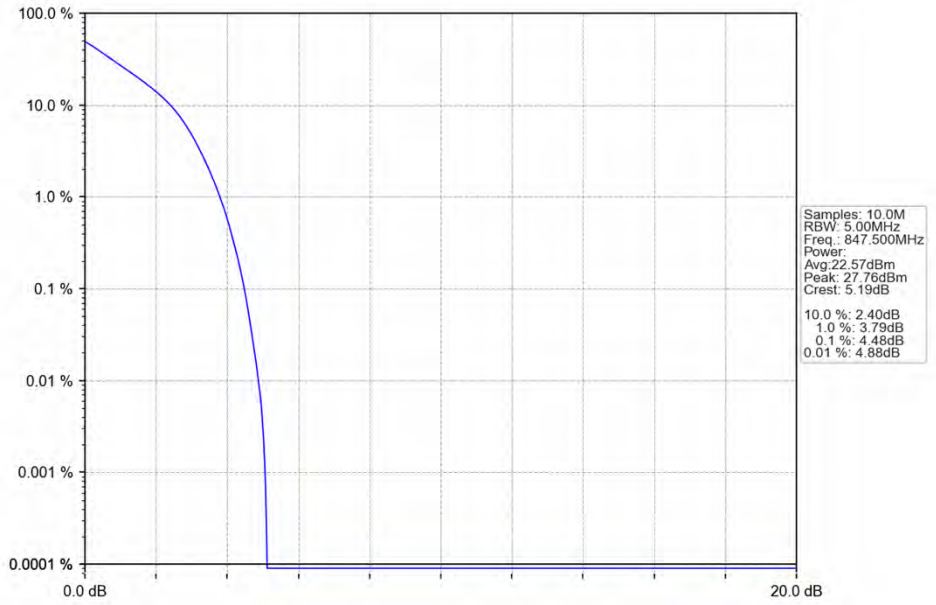
Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



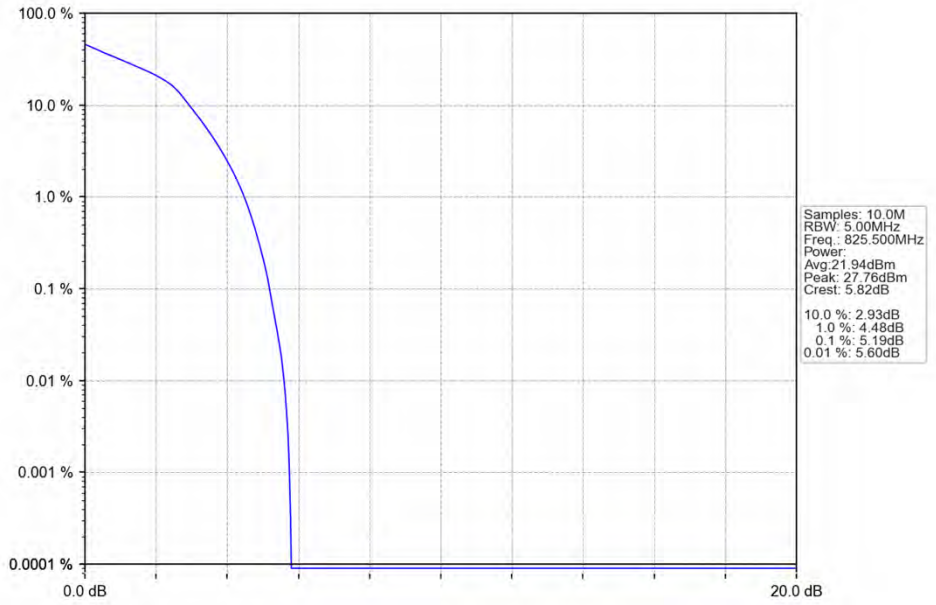

Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



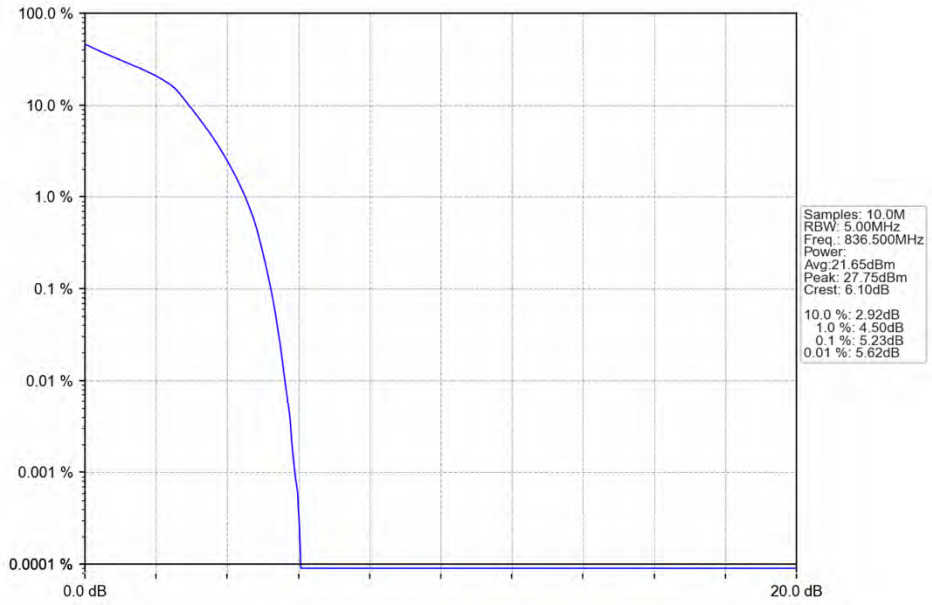
Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



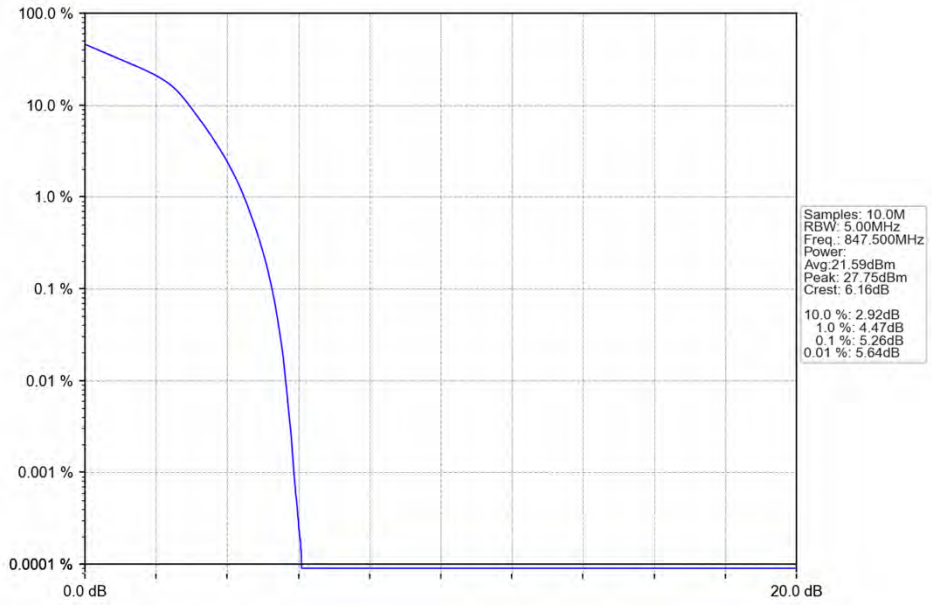

Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV




Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



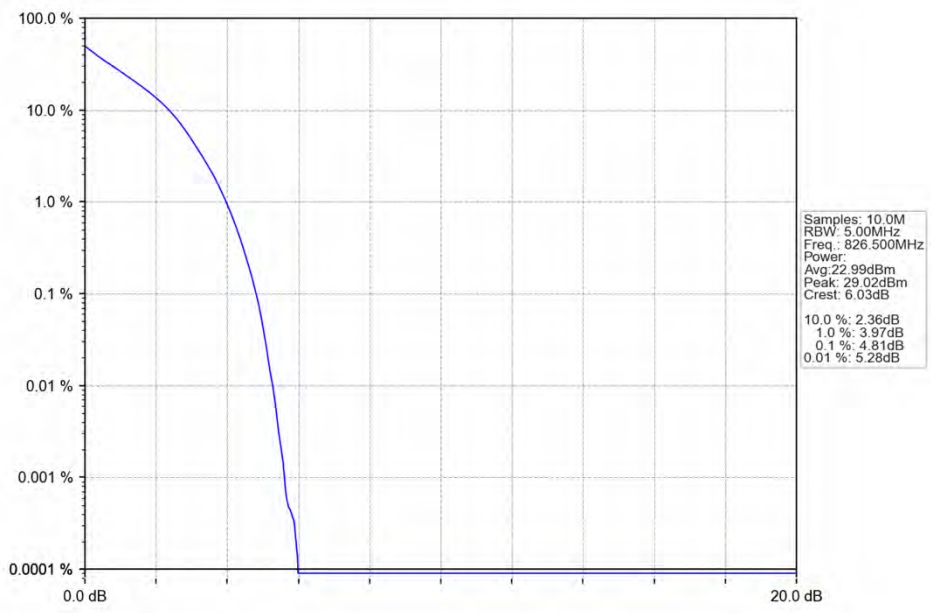
## 5.3 B26b_5MHz

### 5.3.1 Test Result

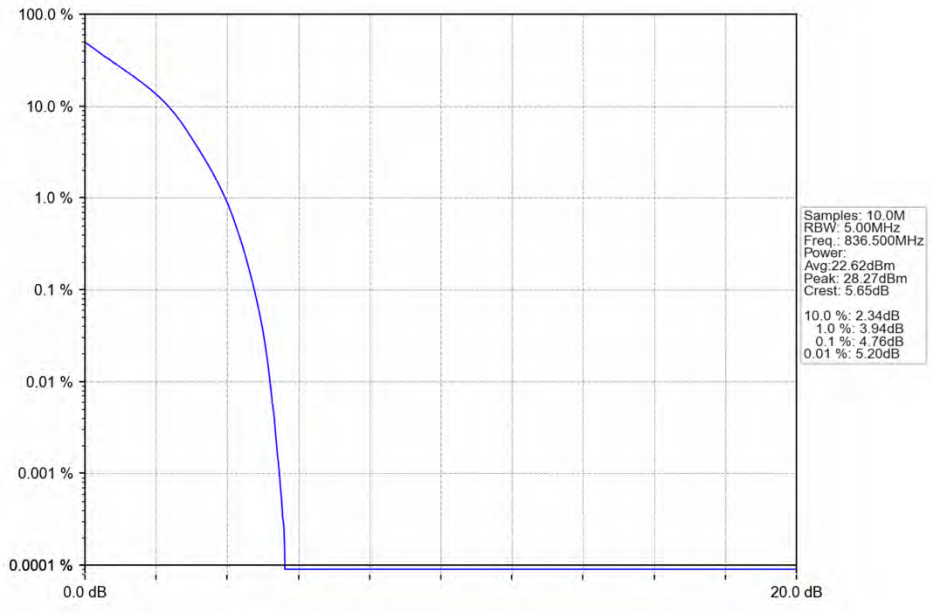
| Band: 26b / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 826.5 | 25 | 0 | 4.81 | <=13 | Pass |
| | 836.5 | 25 | 0 | 4.76 | <=13 | Pass |
| | 846.5 | 25 | 0 | 4.86 | <=13 | Pass |
| 16QAM | 826.5 | 25 | 0 | 5.50 | <=13 | Pass |
| | 836.5 | 25 | 0 | 5.49 | <=13 | Pass |
| | 846.5 | 25 | 0 | 5.54 | <=13 | Pass |

## 5.3.2 Test Graph

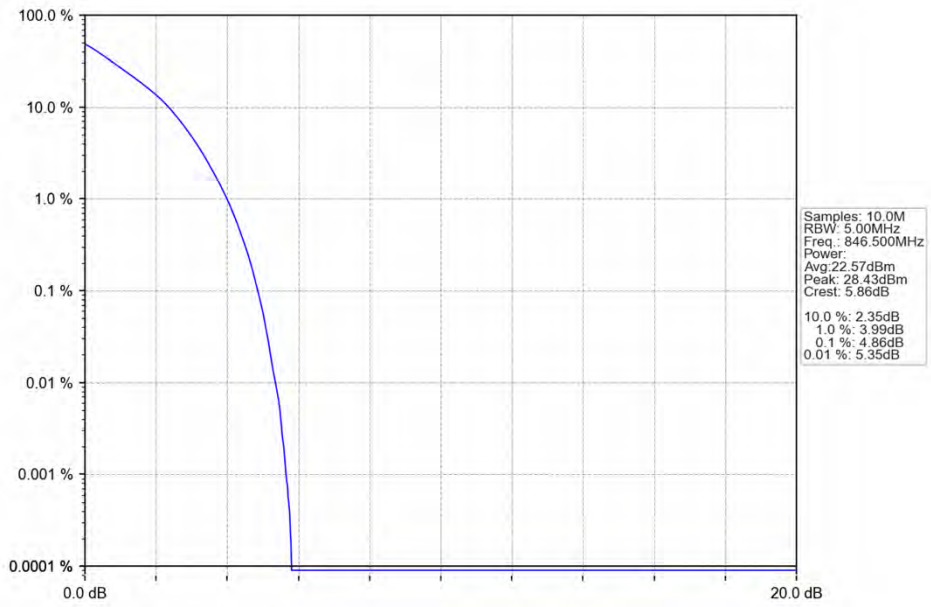
Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



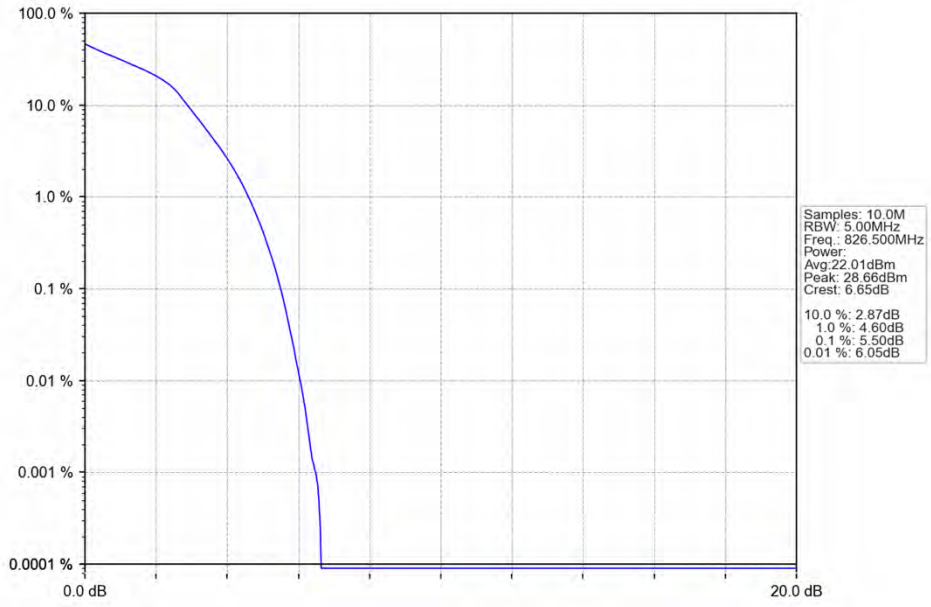

Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



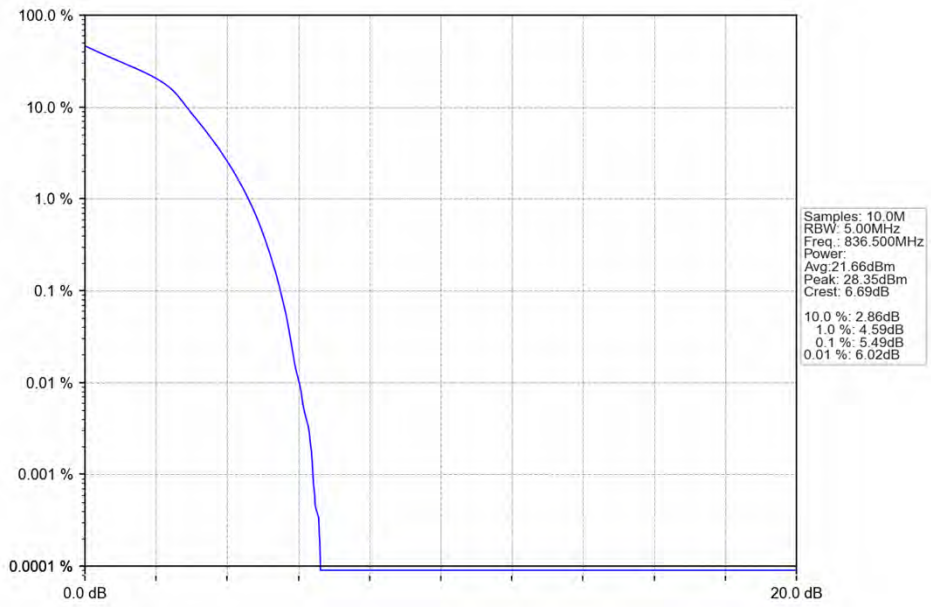
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



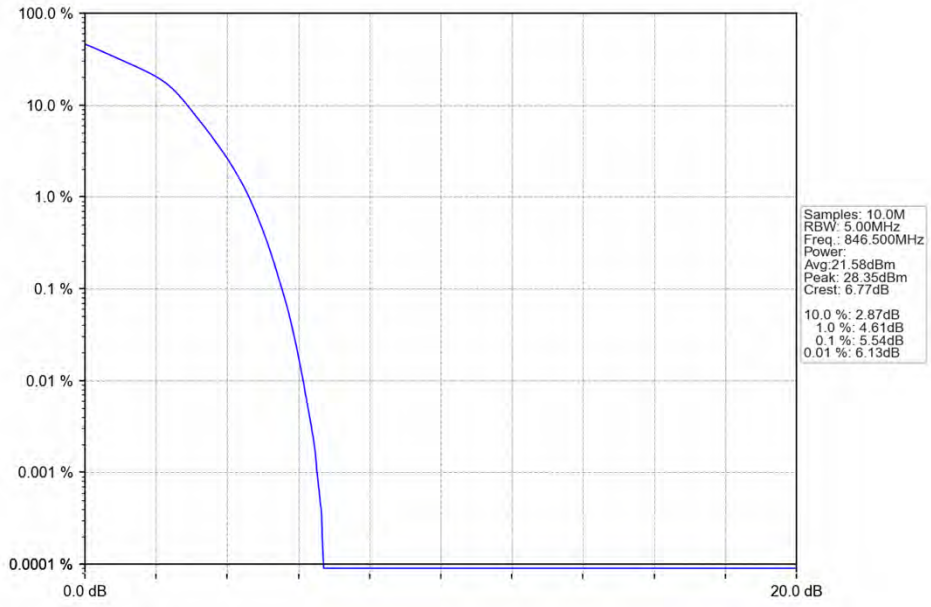

Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV




Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



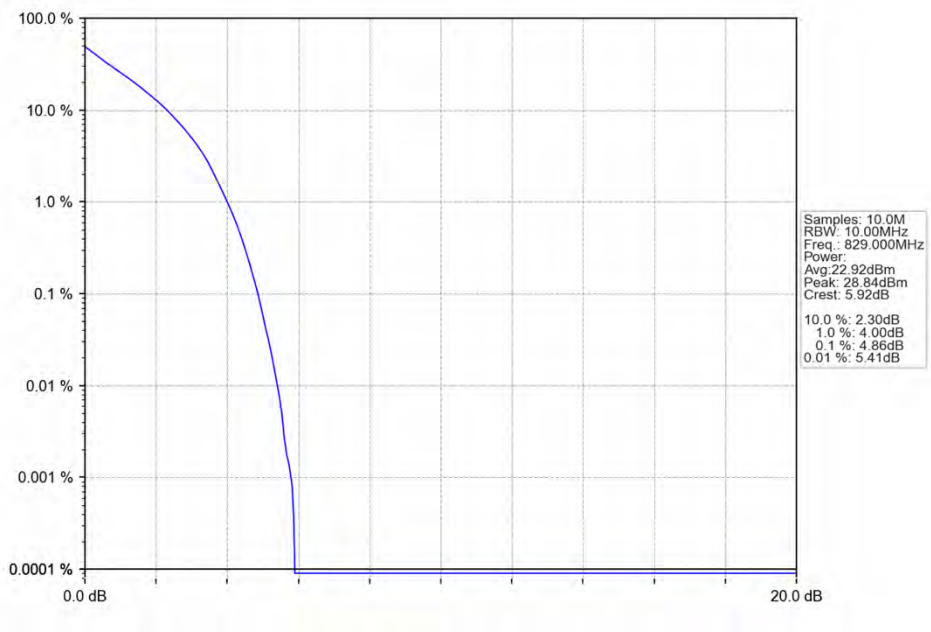
## 5.4 B26b_10MHz

### 5.4.1 Test Result

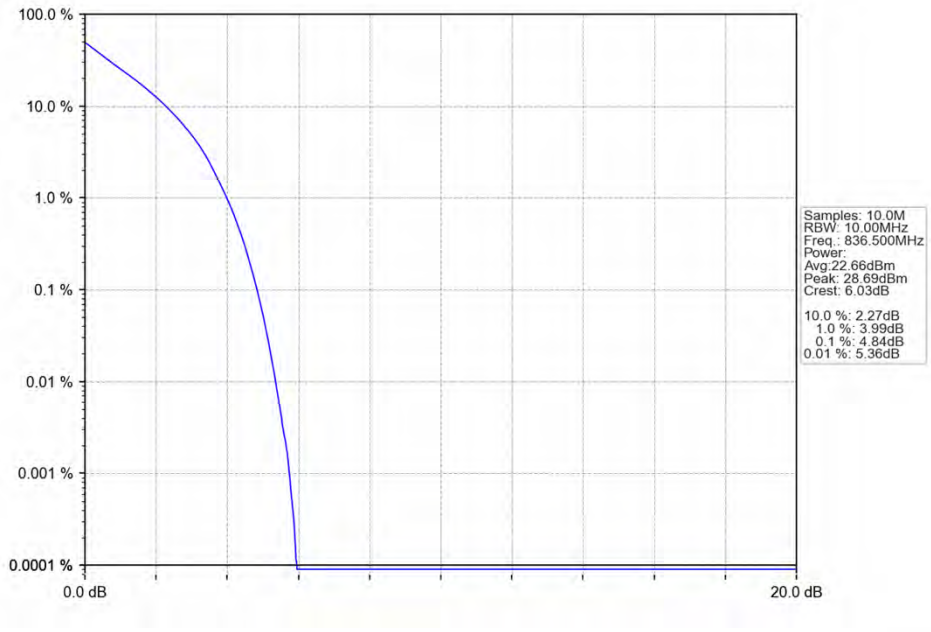
| Band: 26b / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 829 | 50 | 0 | 4.86 | <=13 | Pass |
| | 836.5 | 50 | 0 | 4.84 | <=13 | Pass |
| | 844 | 50 | 0 | 4.87 | <=13 | Pass |
| 16QAM | 829 | 50 | 0 | 5.60 | <=13 | Pass |
| | 836.5 | 50 | 0 | 5.63 | <=13 | Pass |
| | 844 | 50 | 0 | 5.66 | <=13 | Pass |

## 5.4.2 Test Graph

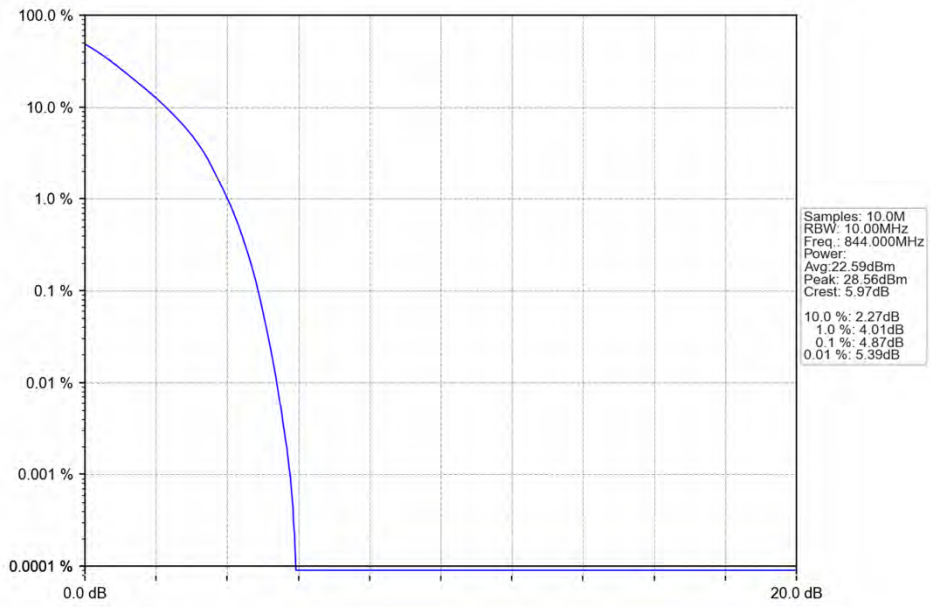
Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



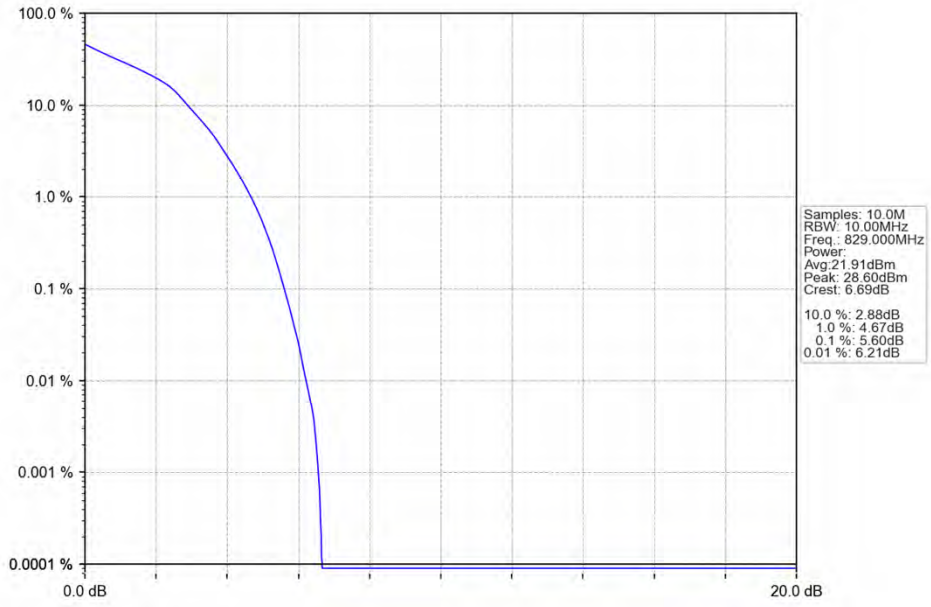

Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



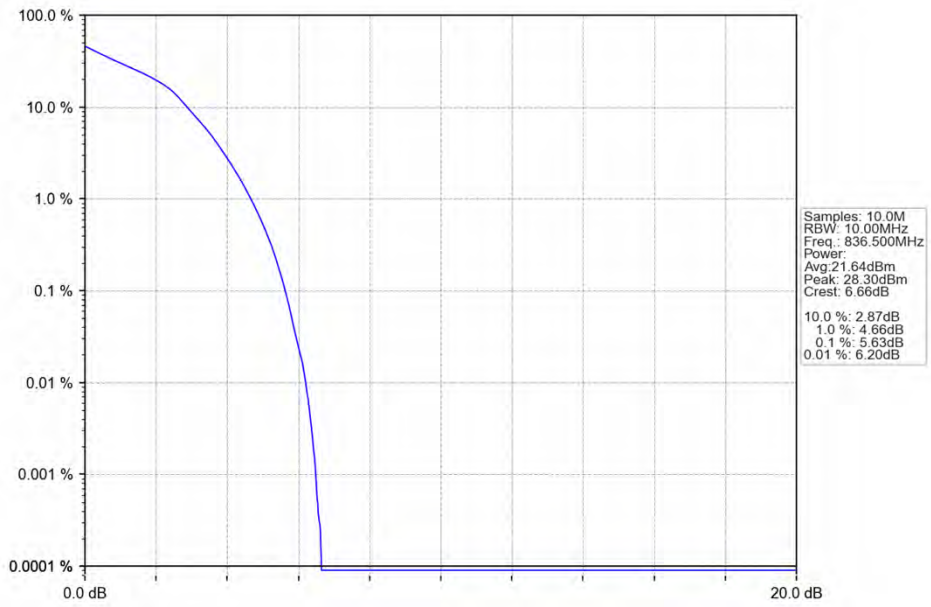
Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



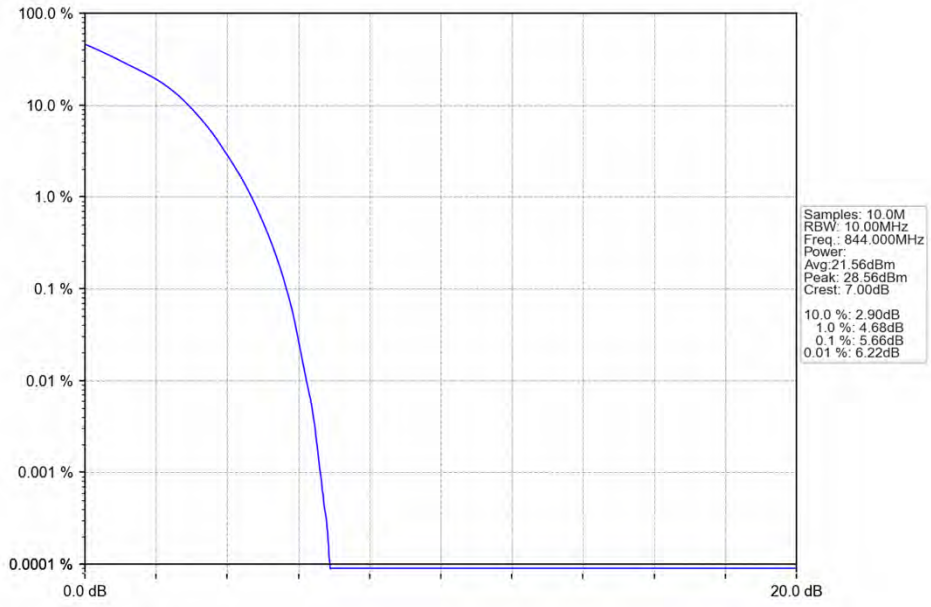

Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV




Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



# 6. Spurious Emission

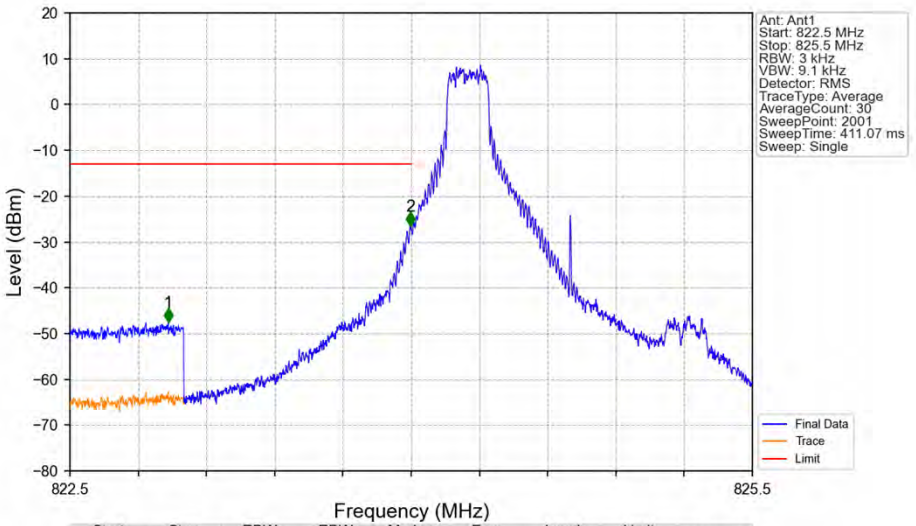
## 6.1 B26b_1.4MHz

### 6.1.1 Test Result

| Band: 26b / Bandwidth: 1.4MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 824.7 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass |
| | 836.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 848.3 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 5 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 824.7 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass |
| | 836.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 848.3 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 5 | Refer To Test Graph | | Pass |
| | | 6 | 0 | Refer To Test Graph | | Pass |

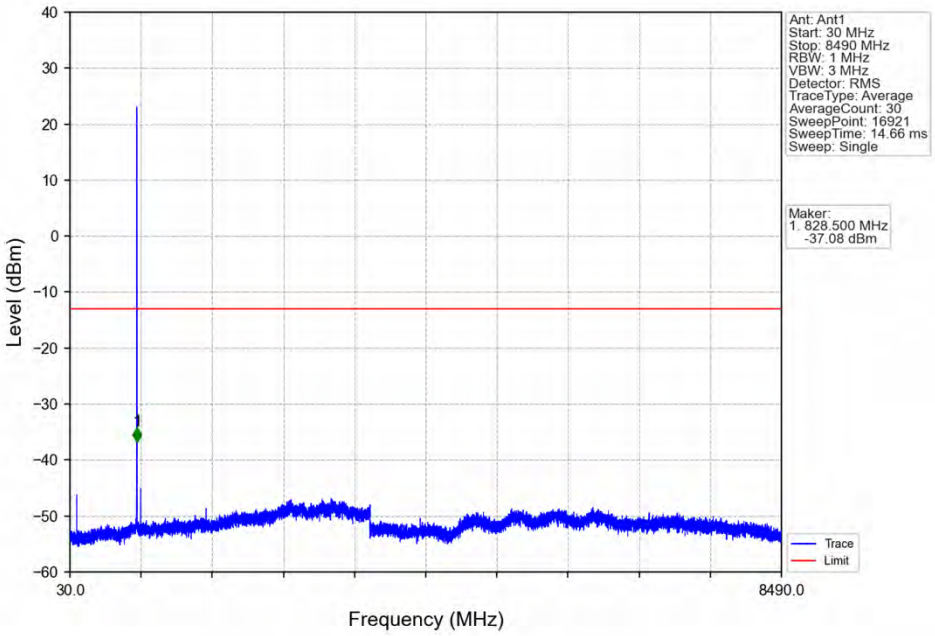
## 6.1.2 Test Graph

Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

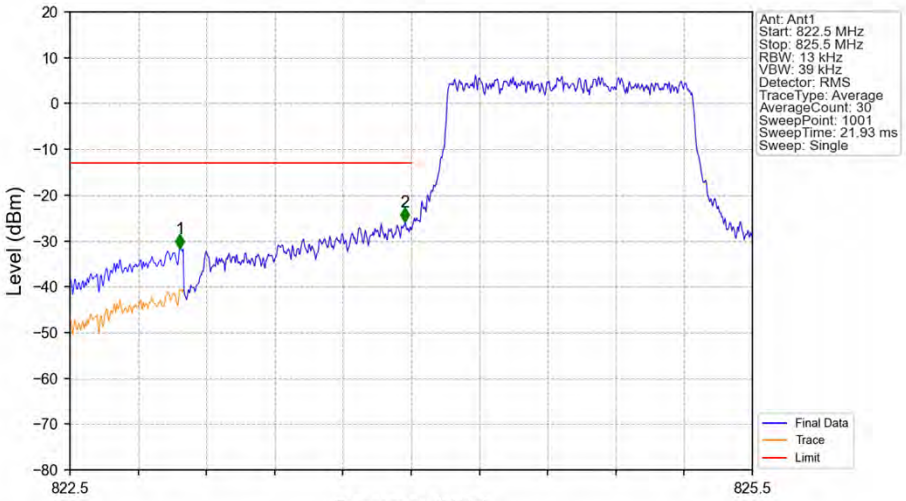



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 823 | 0.1 | 15.23 | 1 | 822.932 | -47.58 | -13 | Pass |
| 823 | 824 | 0.003 | 0 | 2 | 823.995 | -26.61 | -13 | Pass |
| 824 | 825.5 | 0.003 | 0 | / | / | / | / | / |

Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

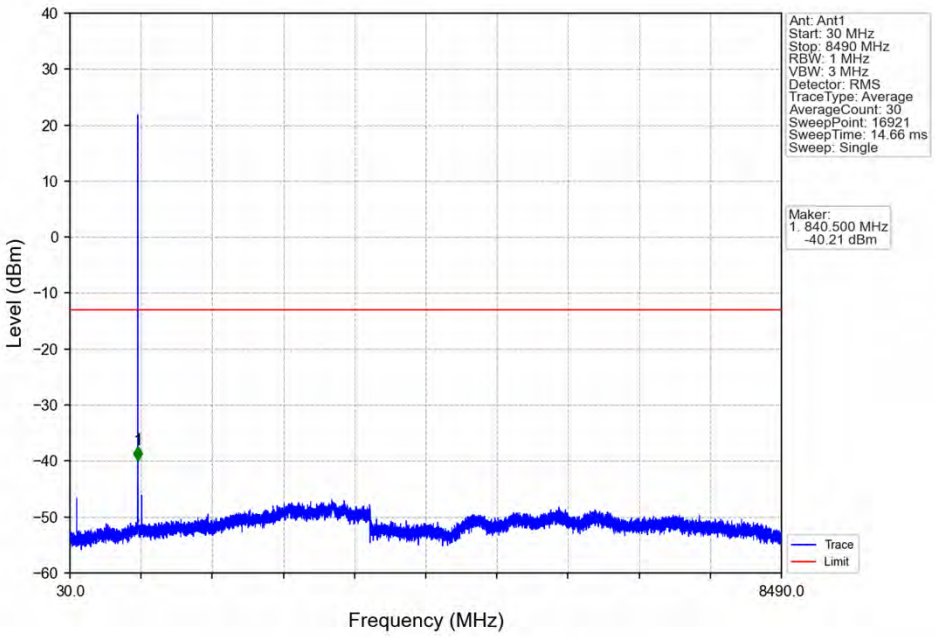


Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

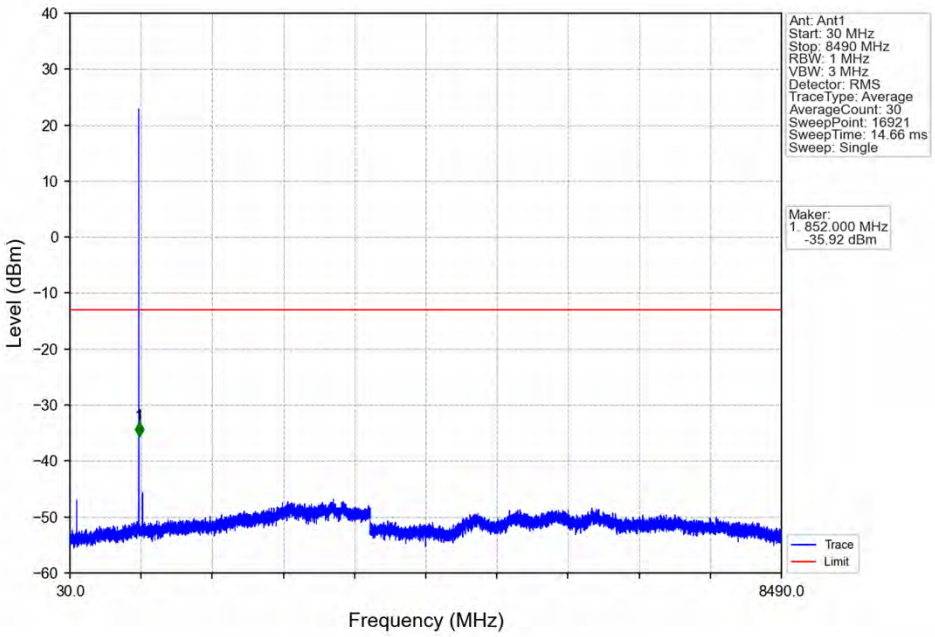



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 823 | 0.1 | 8.86 | 1 | 822.983 | -31.66 | -13 | Pass |
| 823 | 824 | 0.013 | 0 | 2 | 823.973 | -25.92 | -13 | Pass |
| 824 | 825.5 | 0.013 | 0 | / | / | / | / | / |

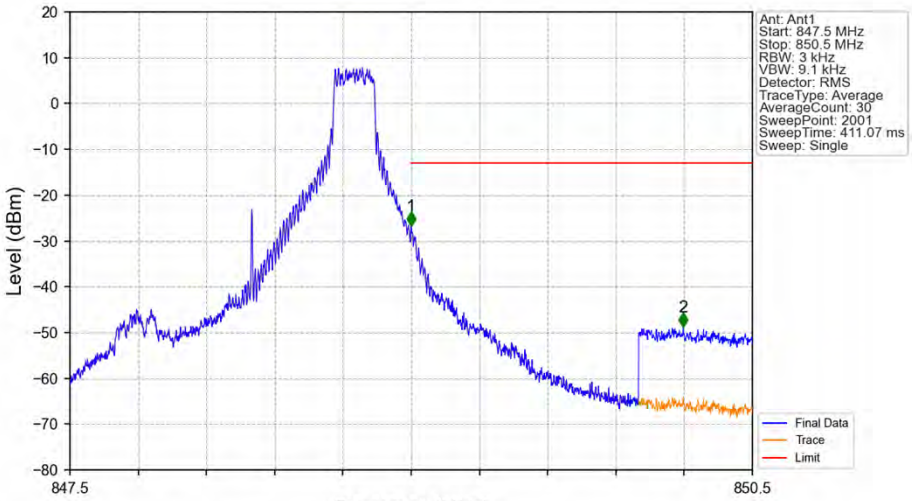
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

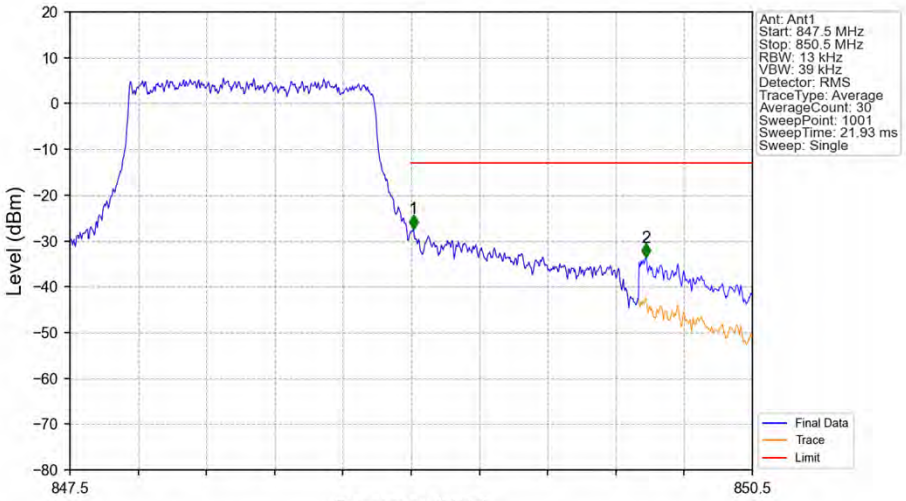



Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



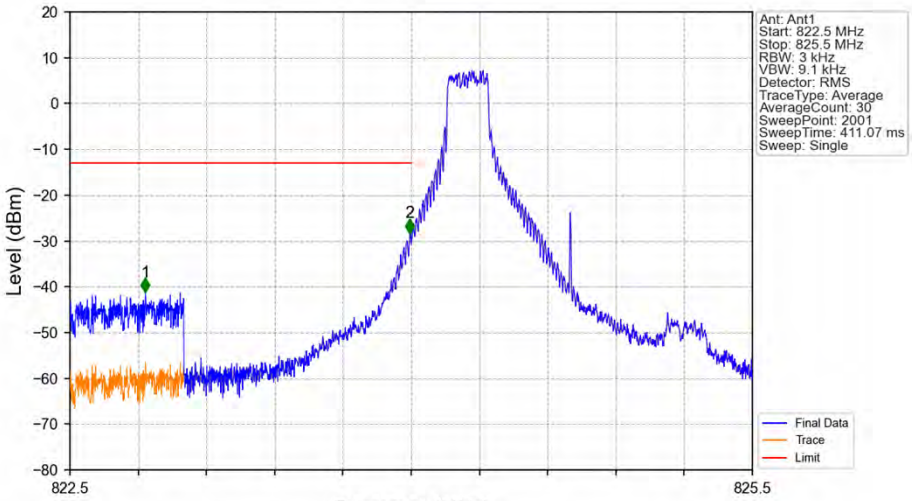

| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 847.5 | 849 | 0.003 | 0 | / | / | / | / | / |
| 849 | 850 | 0.003 | 0 | 1 | 849.000 | -26.79 | -13 | Pass |
| 850 | 850.5 | 0.1 | 15.23 | 2 | 850.196 | -48.80 | -13 | Pass |

Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



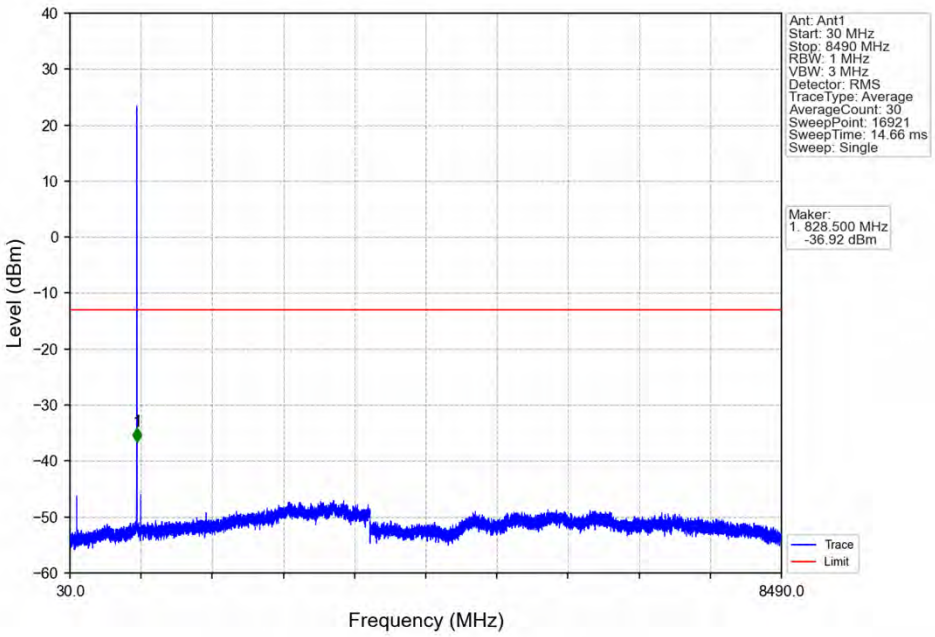

| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 847.5 | 849 | 0.013 | 0 | / | / | / | / | / |
| 849 | 850 | 0.013 | 0 | 1 | 849.009 | -27.36 | -13 | Pass |
| 850 | 850.5 | 0.1 | 8.86 | 2 | 850.032 | -33.58 | -13 | Pass |

Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

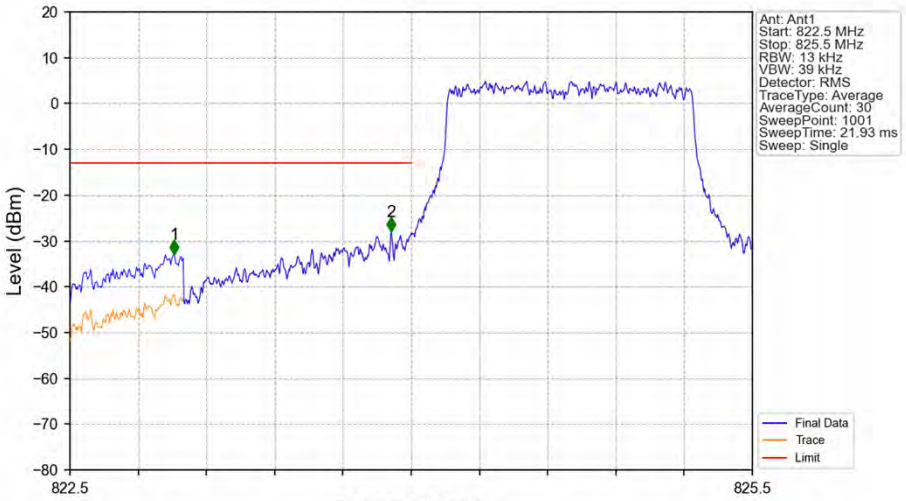



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 823 | 0.1 | 15.23 | 1 | 822.832 | -41.25 | -13 | Pass |
| 823 | 824 | 0.003 | 0 | 2 | 823.994 | -28.25 | -13 | Pass |
| 824 | 825.5 | 0.003 | 0 | / | / | / | / | / |

Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

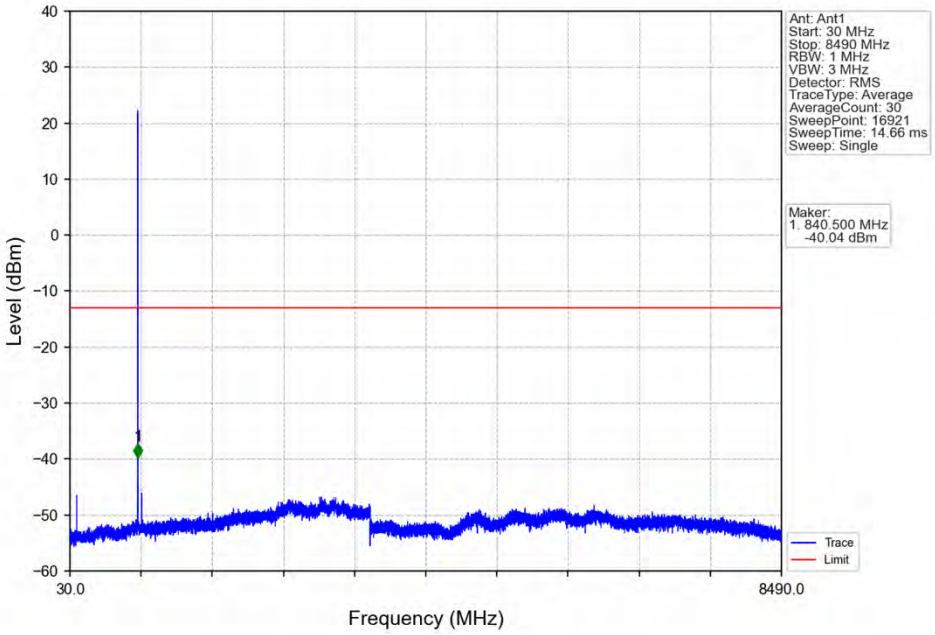



Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

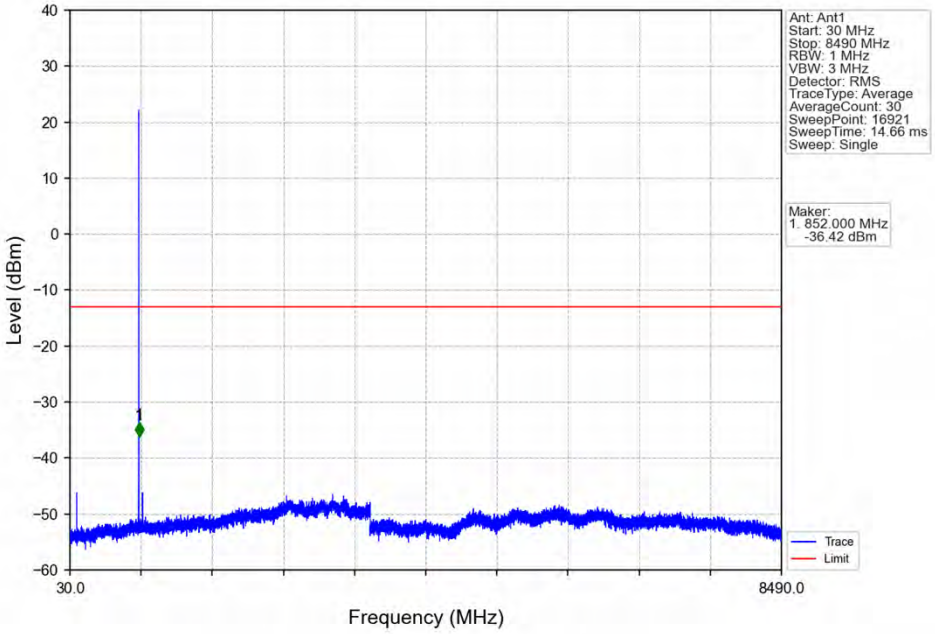



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 823 | 0.1 | 8.86 | 1 | 822.959 | -32.93 | -13 | Pass |
| 823 | 824 | 0.013 | 0 | 2 | 823.913 | -27.99 | -13 | Pass |
| 824 | 825.5 | 0.013 | 0 | / | / | / | / | / |

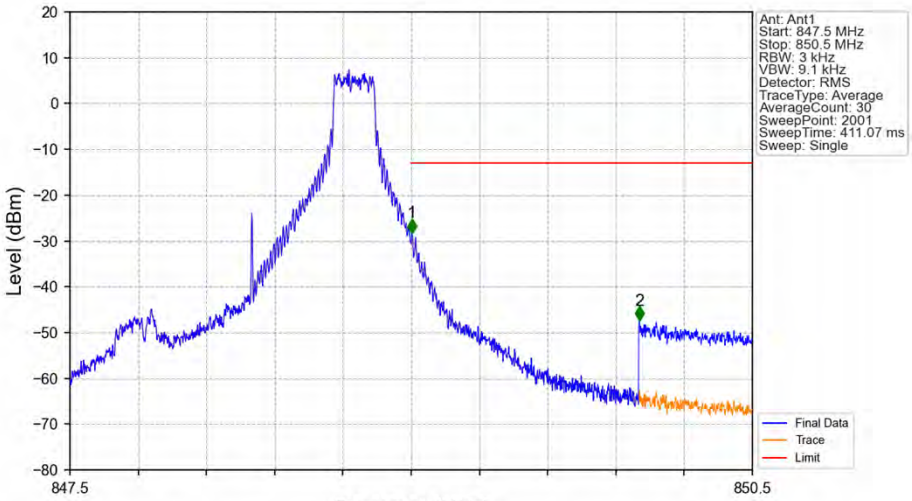
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV




Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

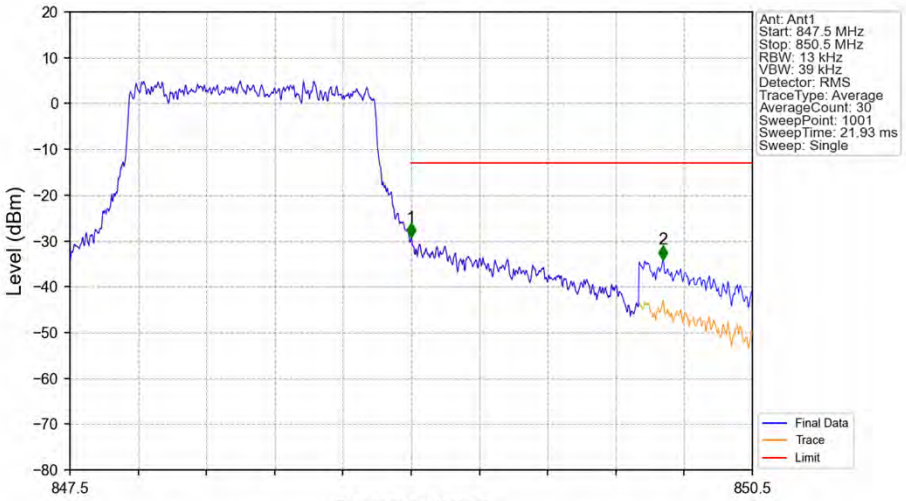


Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 847.5 | 849 | 0.003 | 0 | / | / | / | / | / |
| 849 | 850 | 0.003 | 0 | 1 | 849.003 | -28.26 | -13 | Pass |
| 850 | 850.5 | 0.1 | 15.23 | 2 | 850.004 | -47.33 | -13 | Pass |

Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 847.5 | 849 | 0.013 | 0 | / | / | / | / | / |
| 849 | 850 | 0.013 | 0 | 1 | 849.000 | -29.19 | -13 | Pass |
| 850 | 850.5 | 0.1 | 8.86 | 2 | 850.107 | -34.06 | -13 | Pass |

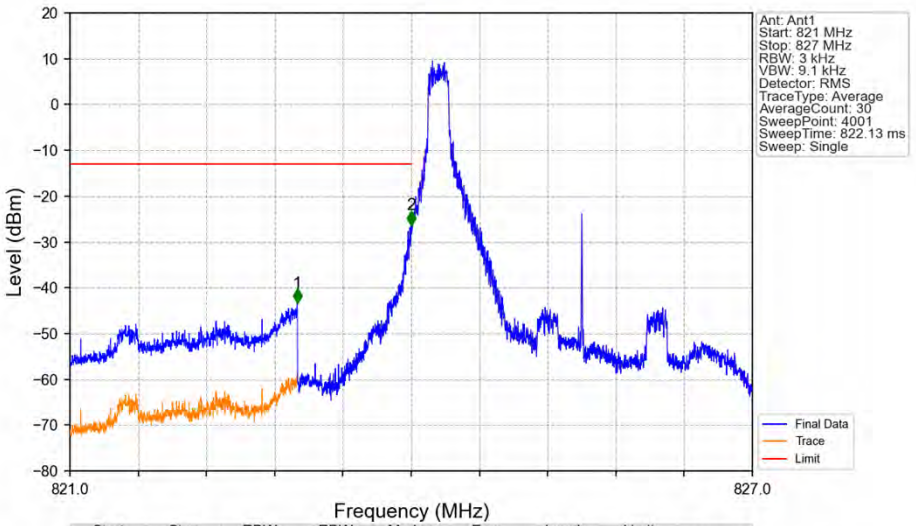
## 6.2 B26b_3MHz

### 6.2.1 Test Result

| Band: 26b / Bandwidth: 3MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 825.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| | 836.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 847.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 14 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 825.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |
| | 836.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 847.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 14 | Refer To Test Graph | | Pass |
| | | 15 | 0 | Refer To Test Graph | | Pass |

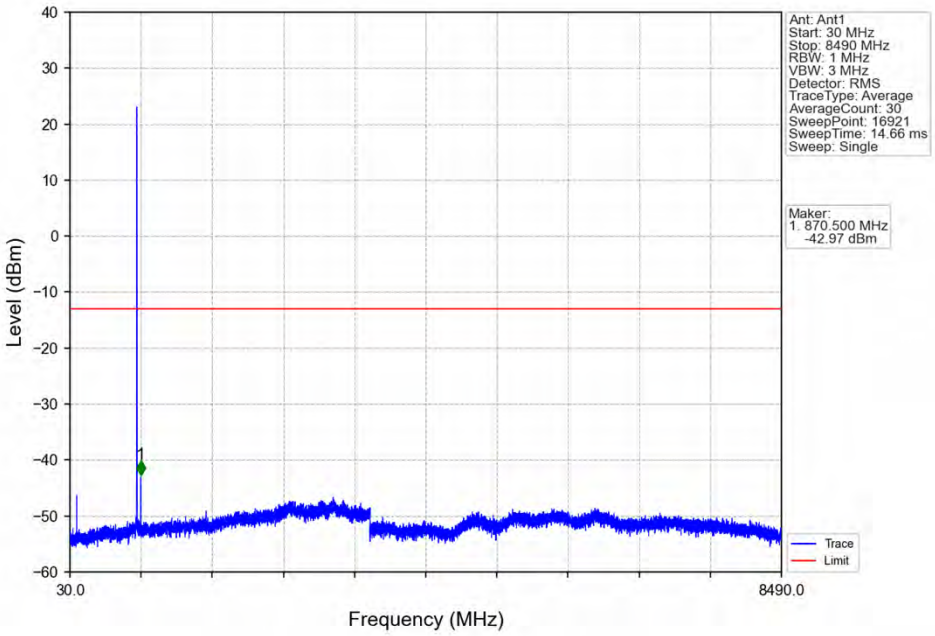
## 6.2.2 Test Graph

Band26b_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

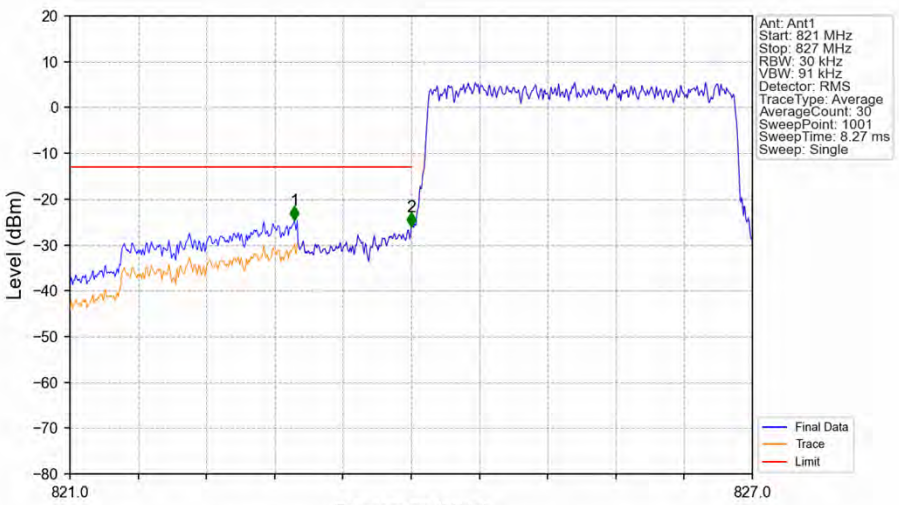



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | 15.23 | 1 | 822.998 | -43.35 | -13 | Pass |
| 823 | 824 | 0.003 | 0 | 2 | 823.999 | -26.32 | -13 | Pass |
| 824 | 827 | 0.003 | 0 | / | / | / | / | / |

Band26b_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

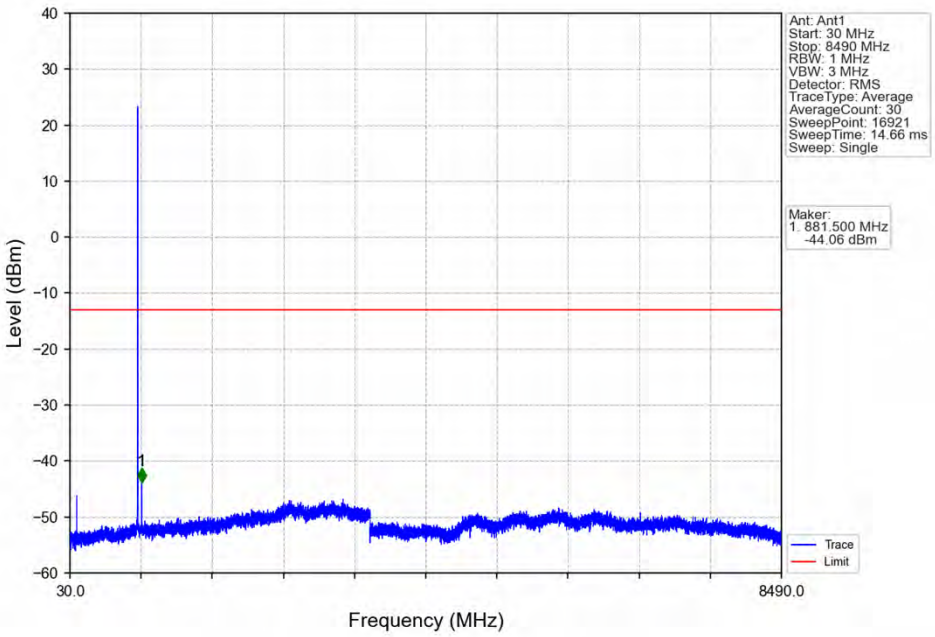


Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

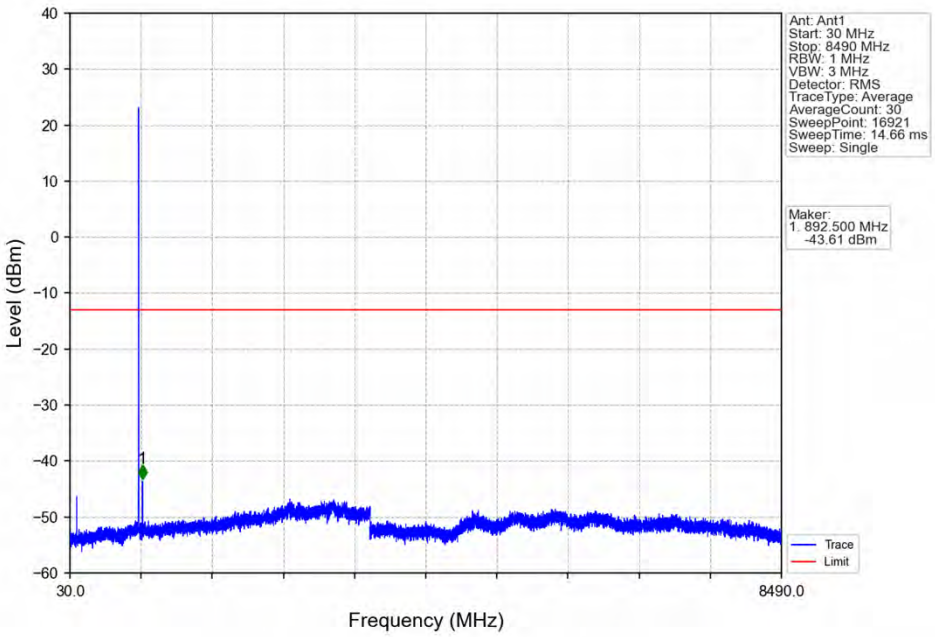



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | 5.23 | 1 | 822.974 | -24.62 | -13 | Pass |
| 823 | 824 | 0.03 | 0 | 2 | 824.000 | -26.10 | -13 | Pass |
| 824 | 827 | 0.03 | 0 | / | / | / | / | / |

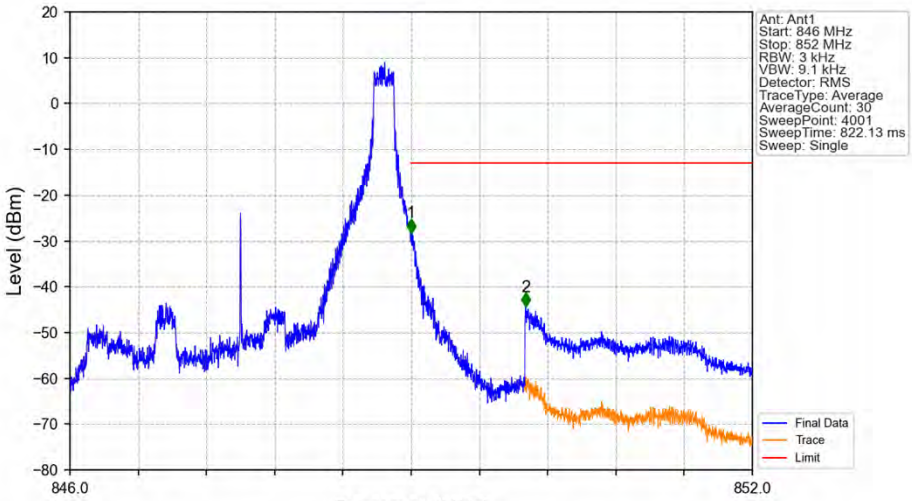
Band26b_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band26b_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

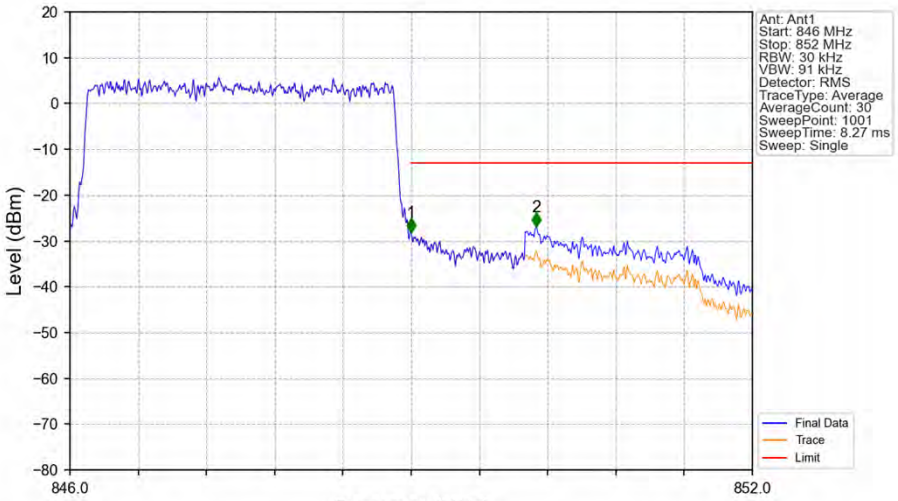



Band26b_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



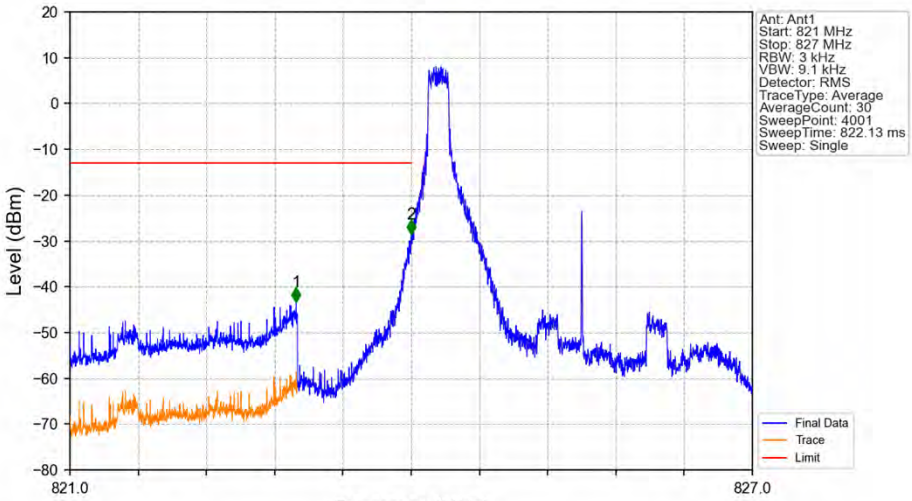

| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.003 | 0 | / | / | / | / | / |
| 849 | 850 | 0.003 | 0 | 1 | 849.000 | -28.26 | -13 | Pass |
| 850 | 852 | 0.1 | 15.23 | 2 | 850.006 | -44.36 | -13 | Pass |

Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



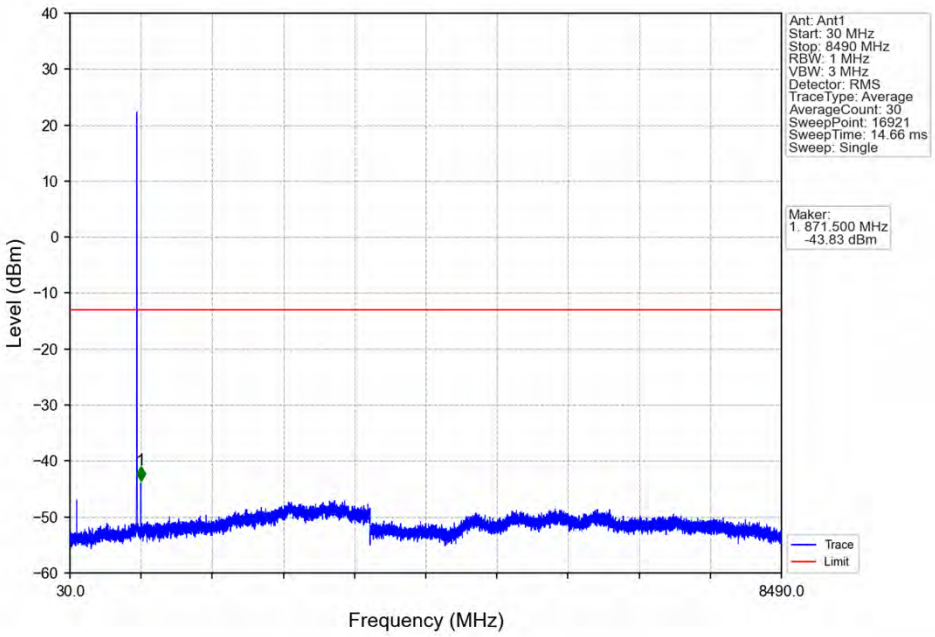

| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.03 | 0 | / | / | / | / | / |
| 849 | 850 | 0.03 | 0 | 1 | 849.000 | -28.10 | -13 | Pass |
| 850 | 852 | 0.1 | 5.23 | 2 | 850.098 | -26.95 | -13 | Pass |

Band26b_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

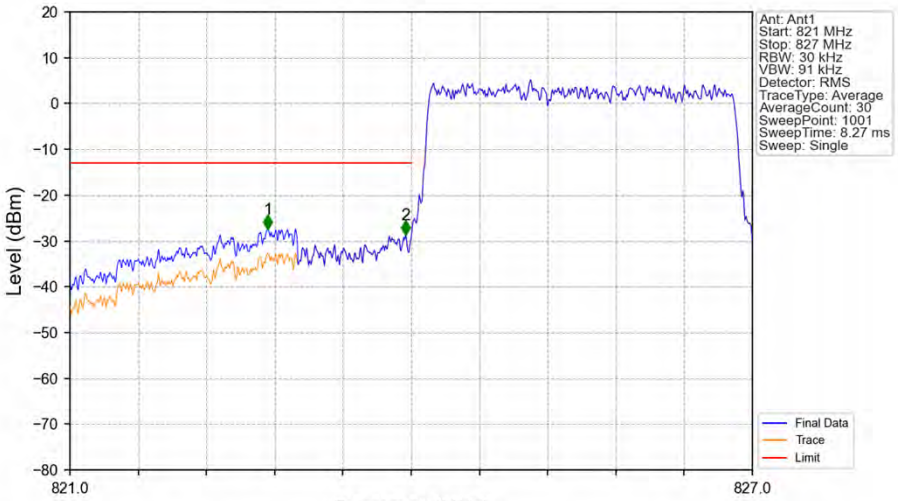



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | 15.23 | 1 | 822.989 | -43.30 | -13 | Pass |
| 823 | 824 | 0.003 | 0 | 2 | 824.000 | -28.50 | -13 | Pass |
| 824 | 827 | 0.003 | 0 | / | / | / | / | / |

Band26b_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

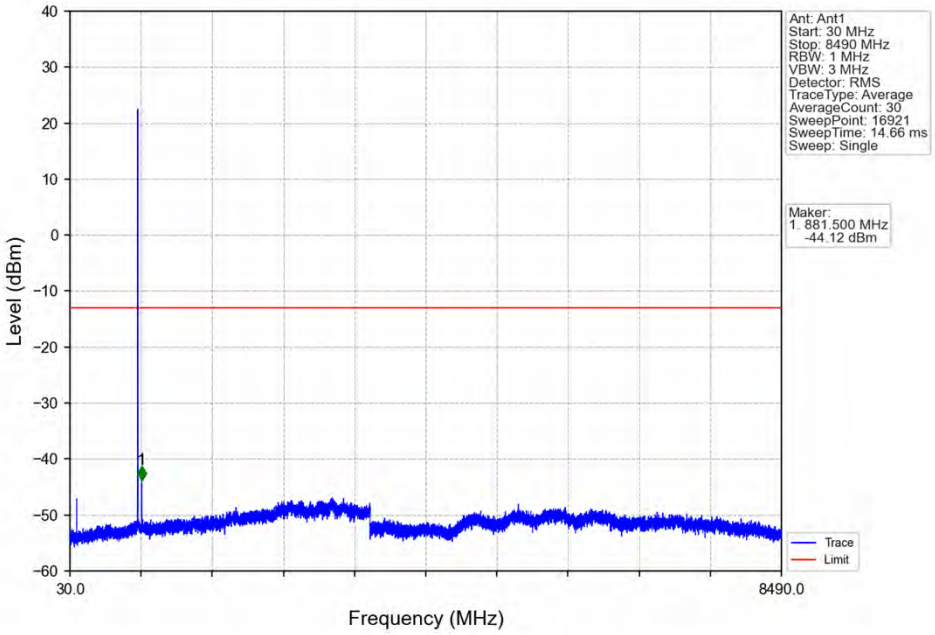



Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

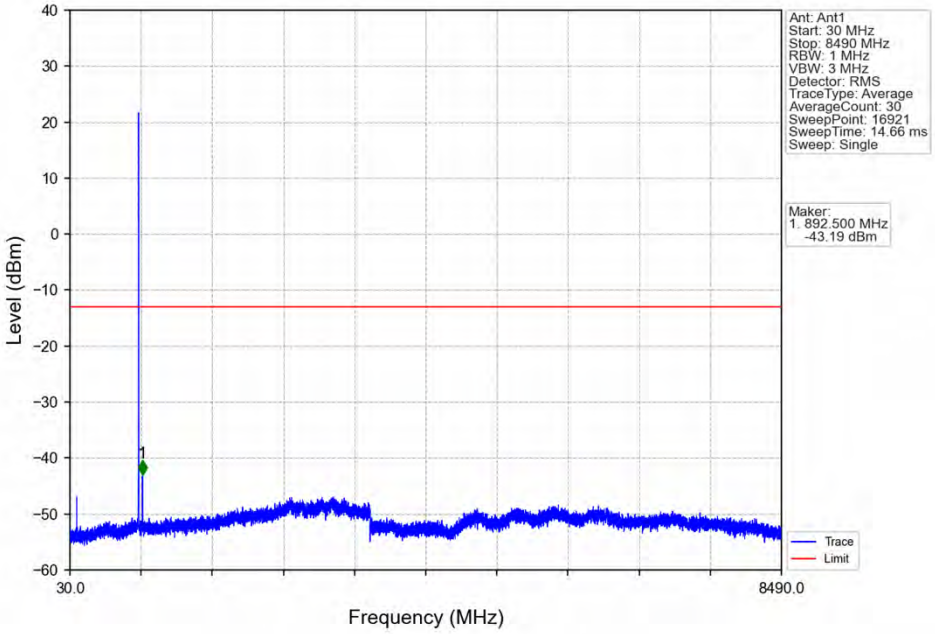



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | 5.23 | 1 | 822.740 | -27.41 | -13 | Pass |
| 823 | 824 | 0.03 | 0 | 2 | 823.952 | -28.69 | -13 | Pass |
| 824 | 827 | 0.03 | 0 | / | / | / | / | / |

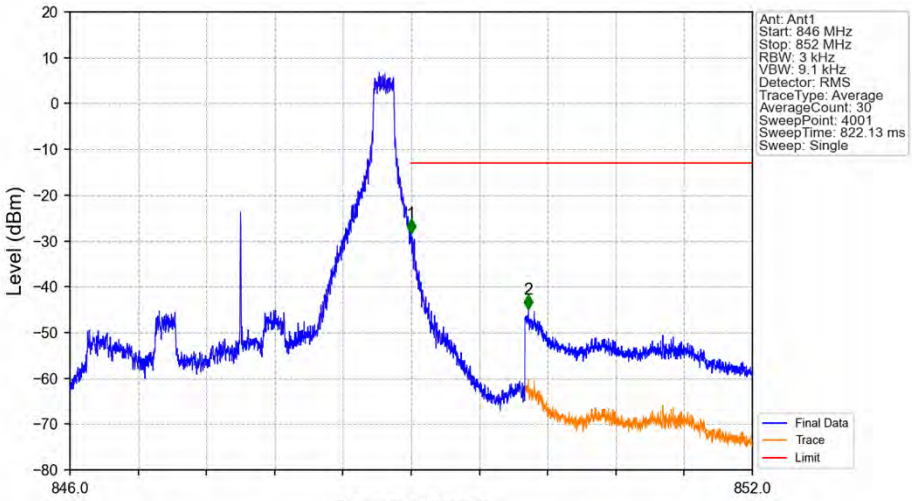
Band26b_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV




Band26b_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

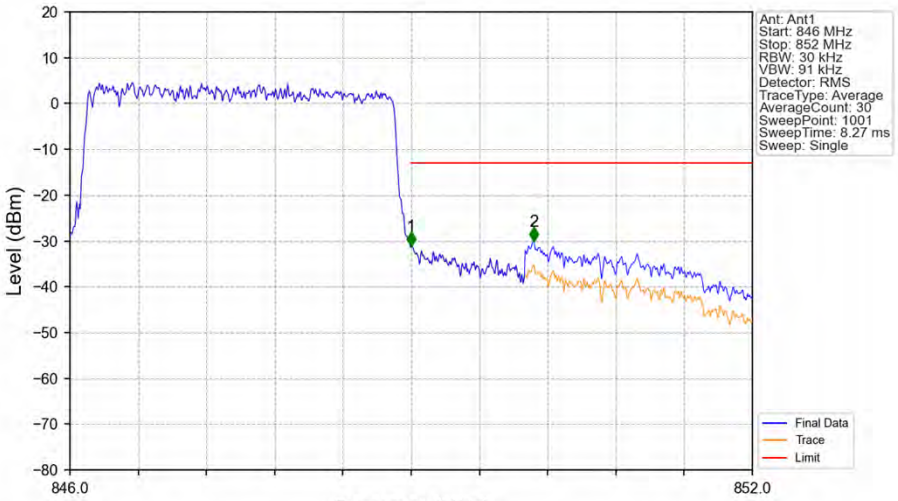


Band26b_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.003 | 0 | / | / | / | / | / |
| 849 | 850 | 0.003 | 0 | 1 | 849.000 | -28.31 | -13 | Pass |
| 850 | 852 | 0.1 | 15.23 | 2 | 850.030 | -44.96 | -13 | Pass |

Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.03 | 0 | / | / | / | / | / |
| 849 | 850 | 0.03 | 0 | 1 | 849.000 | -31.13 | -13 | Pass |
| 850 | 852 | 0.1 | 5.23 | 2 | 850.080 | -30.09 | -13 | Pass |

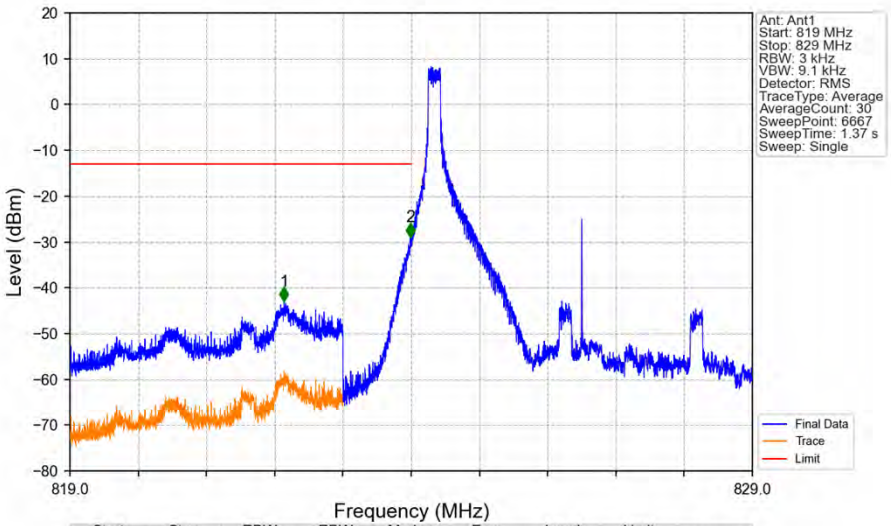
## 6.3 B26b_5MHz

### 6.3.1 Test Result

| Band: 26b / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 826.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 836.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 846.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 826.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 836.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 846.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |

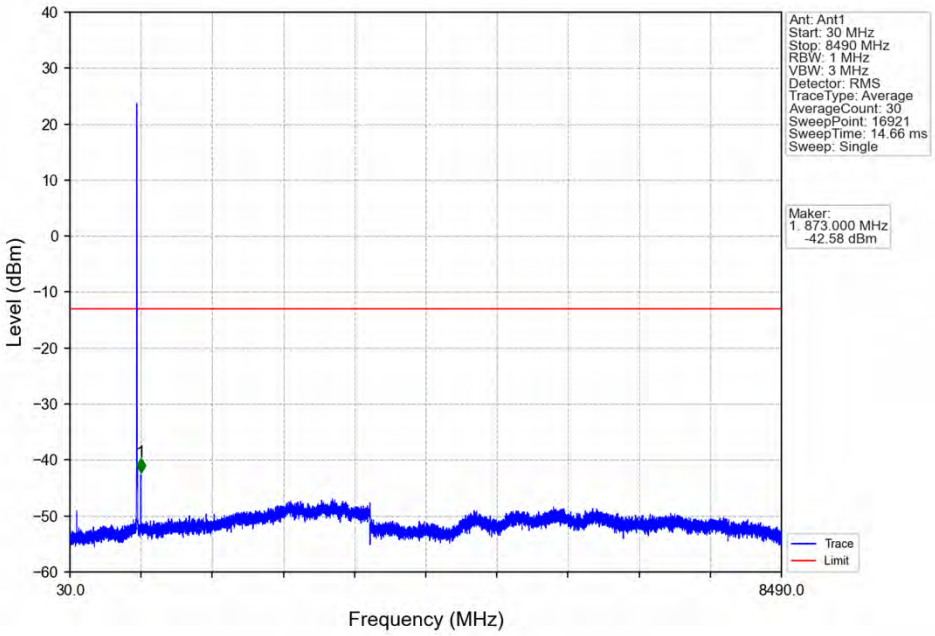
## 6.3.2 Test Graph

Band26b_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

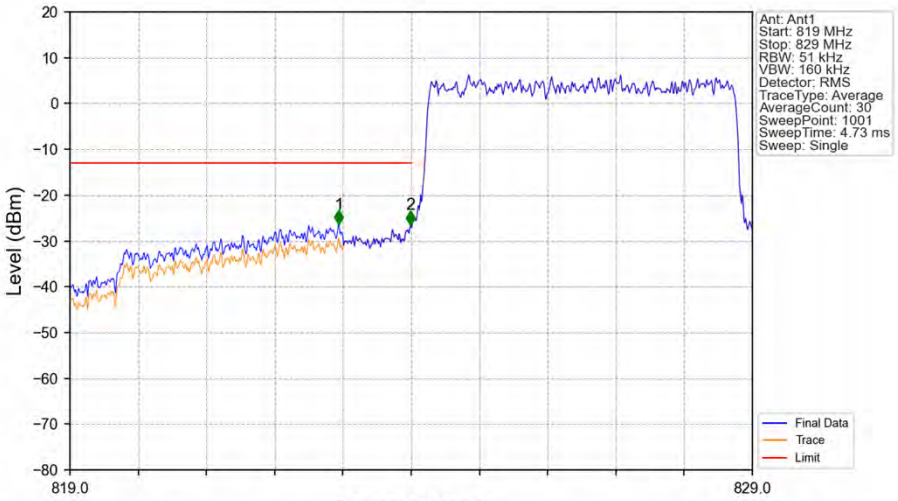



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 823 | 0.1 | 15.23 | 1 | 822.137 | -42.95 | -13 | Pass |
| 823 | 824 | 0.003 | 0 | 2 | 823.986 | -28.96 | -13 | Pass |
| 824 | 829 | 0.003 | 0 | / | / | / | / | / |

Band26b_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

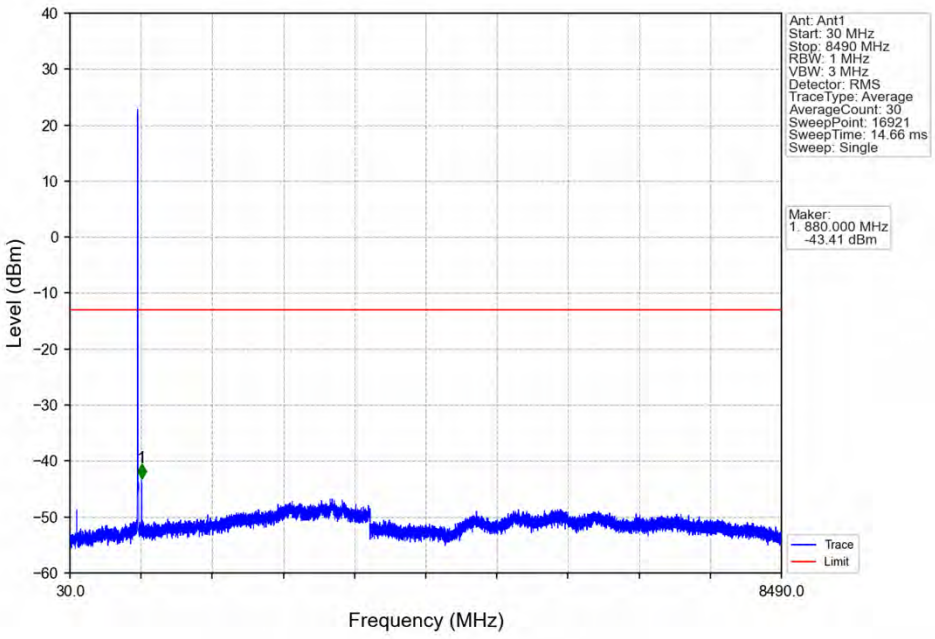


Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

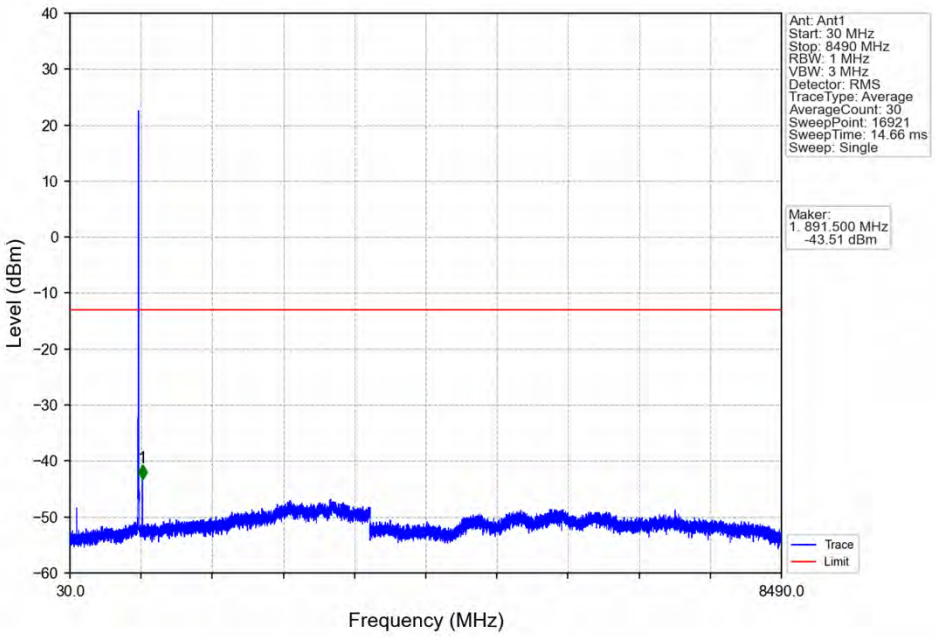



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 823 | 0.1 | 2.92 | 1 | 822.940 | -26.45 | -13 | Pass |
| 823 | 824 | 0.051 | 0 | 2 | 823.990 | -26.50 | -13 | Pass |
| 824 | 829 | 0.051 | 0 | / | / | / | / | / |

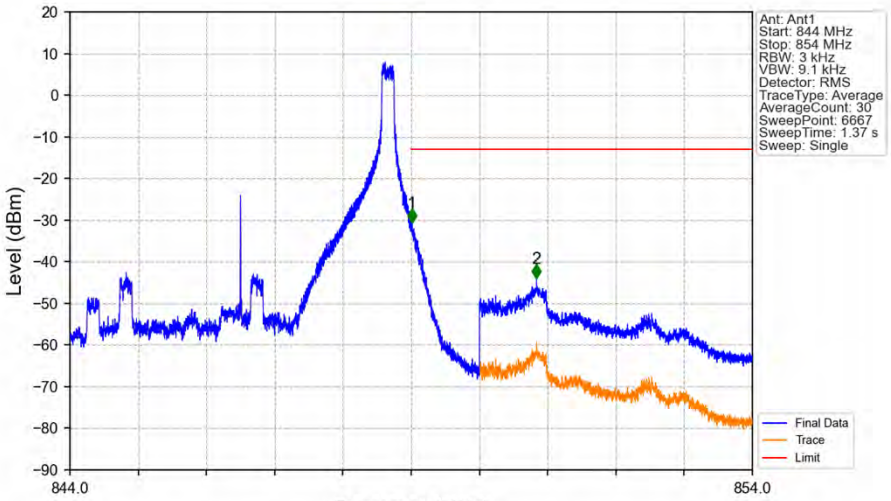
Band26b_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band26b_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

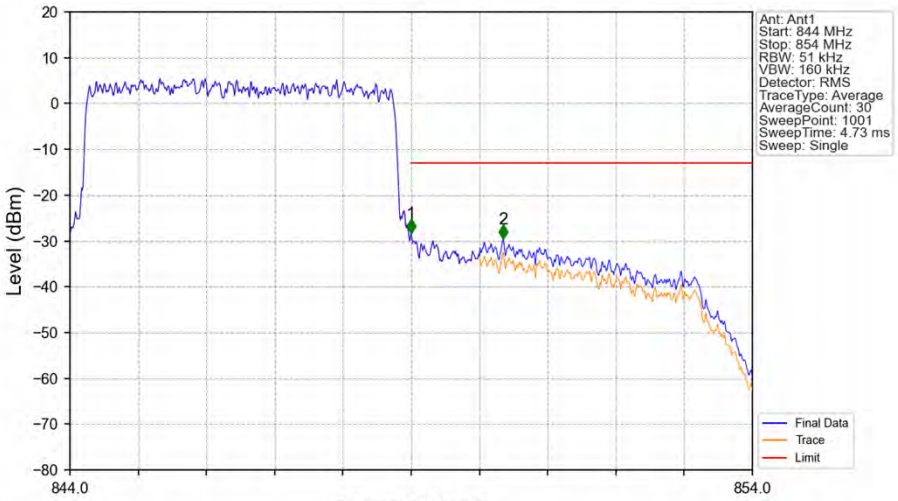



Band26b_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



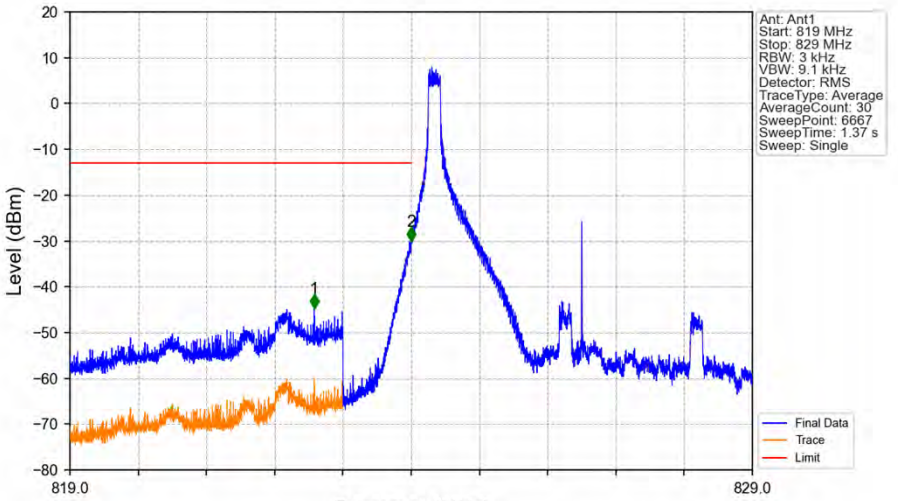

| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 844 | 849 | 0.003 | 0 | / | / | / | / | / |
| 849 | 850 | 0.003 | 0 | 1 | 849.011 | -30.71 | -13 | Pass |
| 850 | 854 | 0.1 | 15.23 | 2 | 850.838 | -43.98 | -13 | Pass |

Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



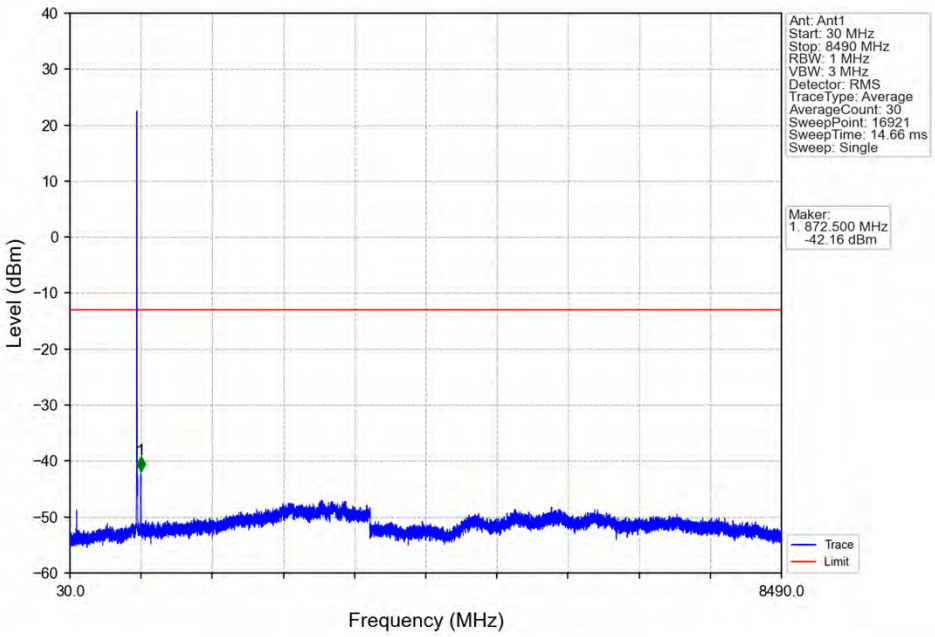

| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 844 | 849 | 0.051 | 0 | / | / | / | / | / |
| 849 | 850 | 0.051 | 0 | 1 | 849.000 | -28.32 | -13 | Pass |
| 850 | 854 | 0.1 | 2.92 | 2 | 850.350 | -29.61 | -13 | Pass |

Band26b_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

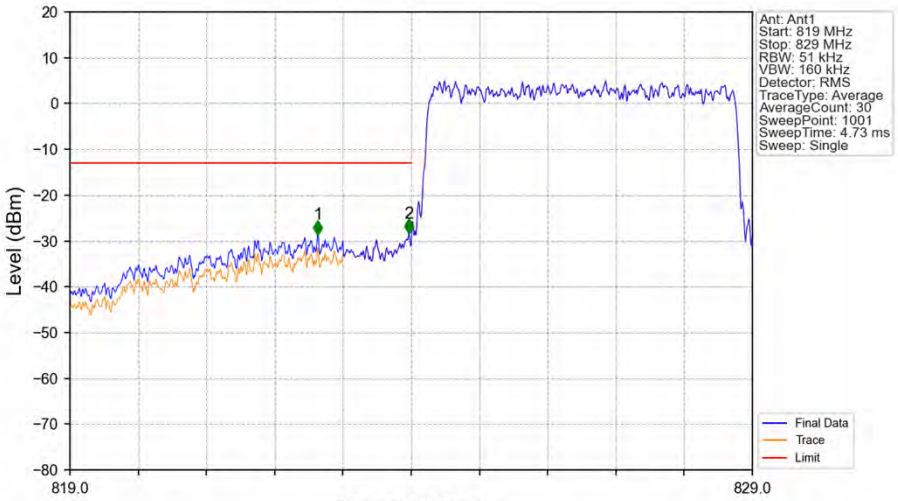



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 823 | 0.1 | 15.23 | 1 | 822.578 | -44.79 | -13 | Pass |
| 823 | 824 | 0.003 | 0 | 2 | 824.000 | -30.15 | -13 | Pass |
| 824 | 829 | 0.003 | 0 | / | / | / | / | / |

Band26b_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

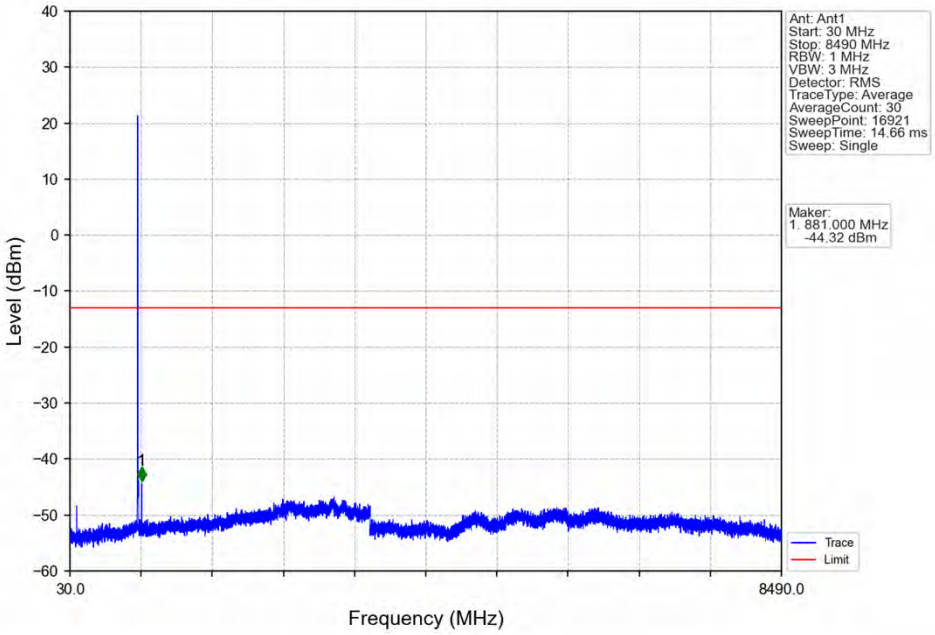



Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

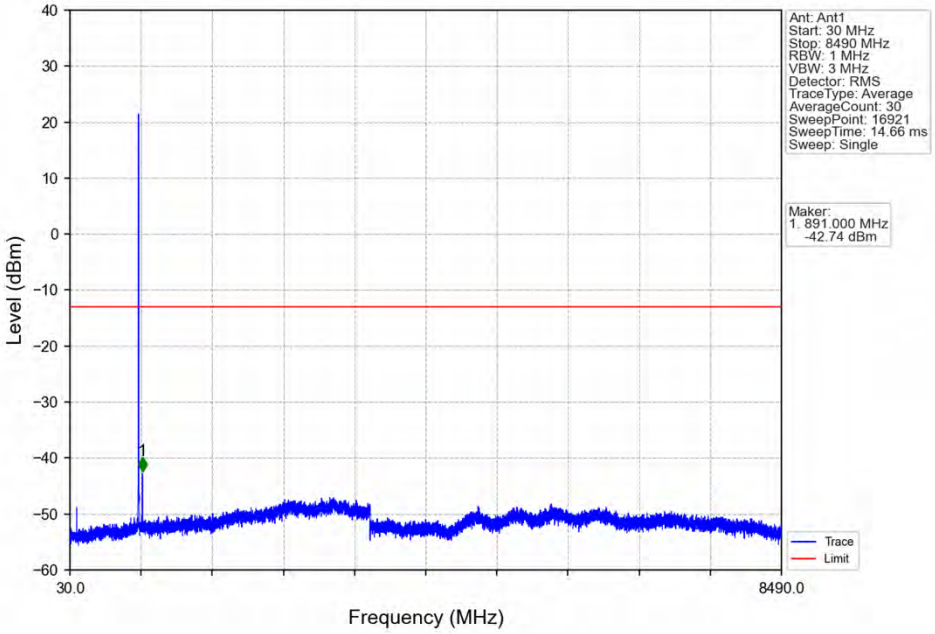



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 823 | 0.1 | 2.92 | 1 | 822.630 | -28.59 | -13 | Pass |
| 823 | 824 | 0.051 | 0 | 2 | 823.970 | -28.29 | -13 | Pass |
| 824 | 829 | 0.051 | 0 | / | / | / | / | / |

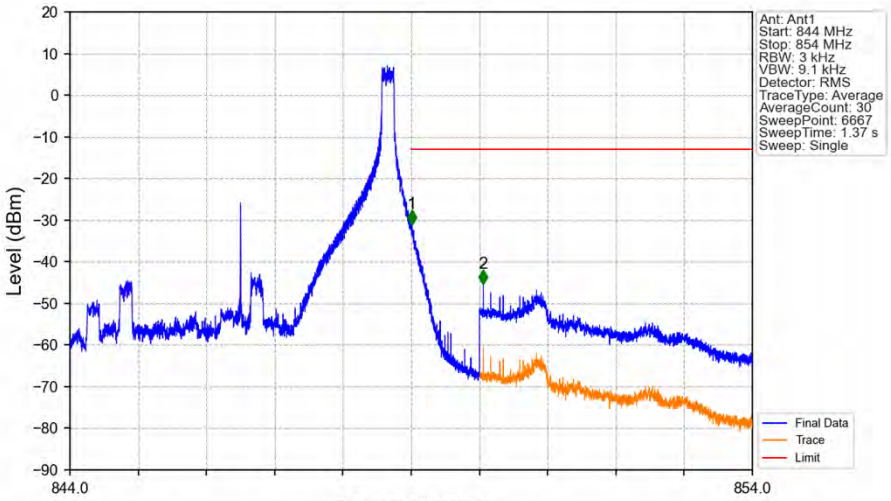
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV




Band26b_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

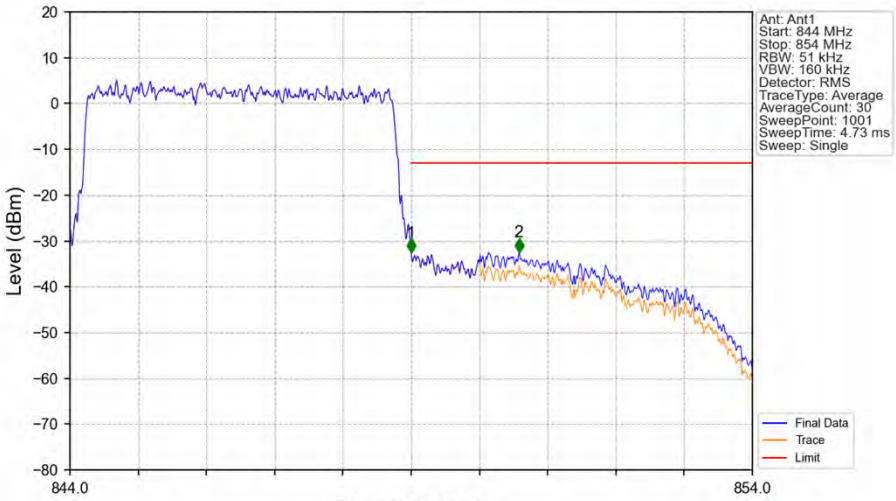


Band26b_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 844 | 849 | 0.003 | 0 | / | / | / | / | / |
| 849 | 850 | 0.003 | 0 | 1 | 849.011 | -30.94 | -13 | Pass |
| 850 | 854 | 0.1 | 15.23 | 2 | 850.058 | -45.29 | -13 | Pass |

Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 844 | 849 | 0.051 | 0 | / | / | / | / | / |
| 849 | 850 | 0.051 | 0 | 1 | 849.000 | -32.53 | -13 | Pass |
| 850 | 854 | 0.1 | 2.92 | 2 | 850.580 | -32.49 | -13 | Pass |

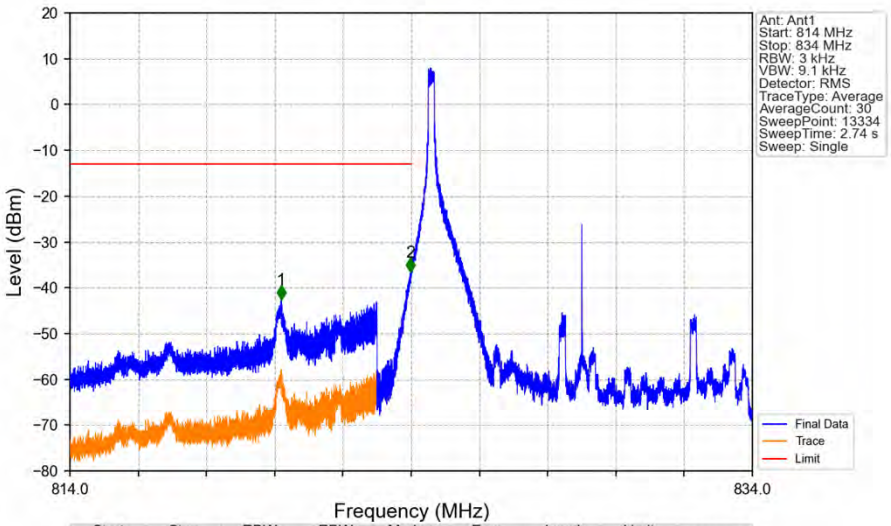
## 6.4 B26b_10MHz

### 6.4.1 Test Result

| Band: 26b / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 829 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 836.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 844 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| 16QAM | 829 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 836.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | 844 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |

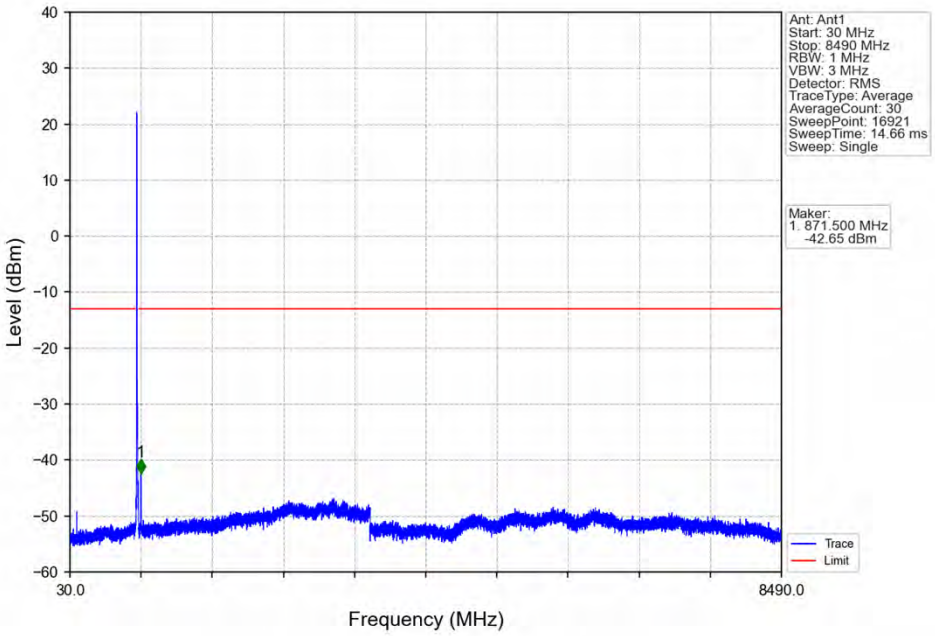
## 6.4.2 Test Graph

Band26b_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

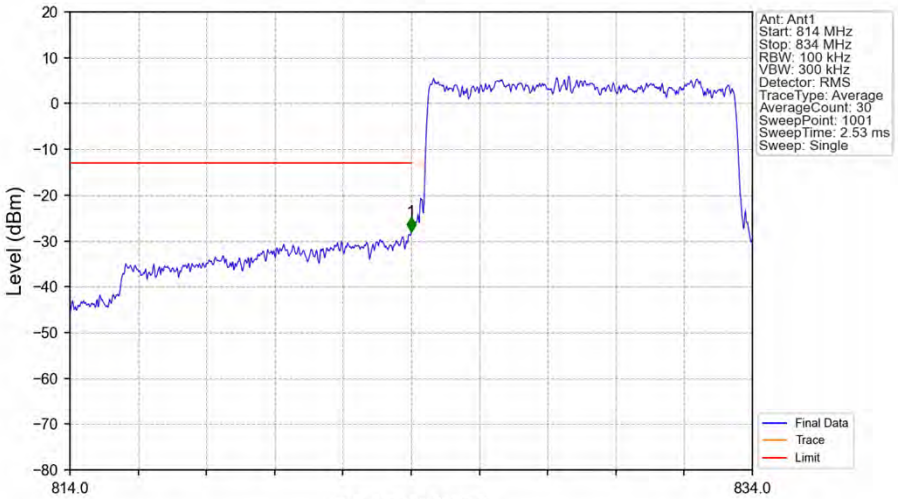



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 823 | 0.1 | 15.23 | 1 | 820.192 | -42.56 | -13 | Pass |
| 823 | 824 | 0.003 | 0 | 2 | 823.987 | -36.59 | -13 | Pass |
| 824 | 834 | 0.003 | 0 | / | / | / | / | / |

Band26b_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

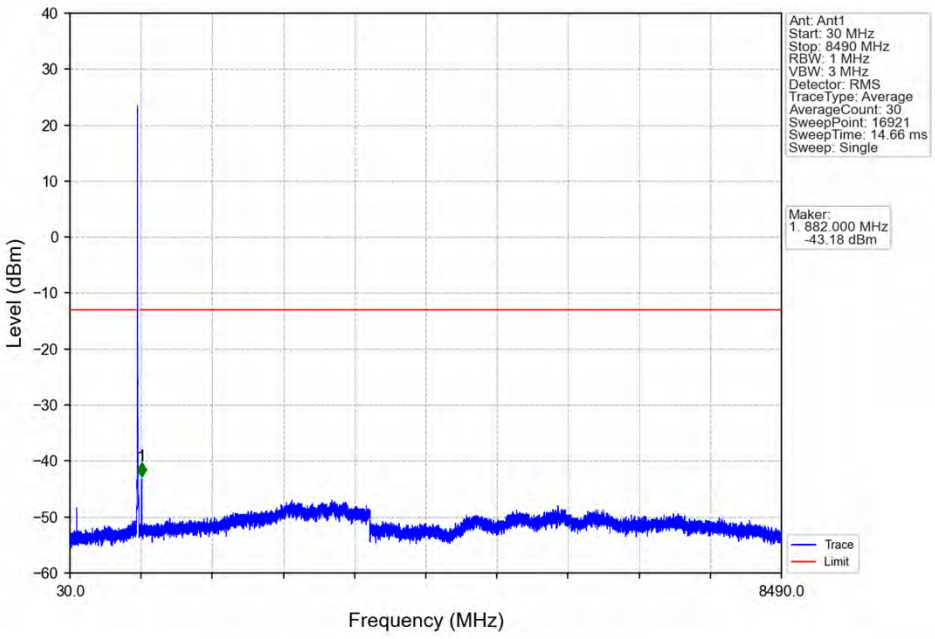


Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

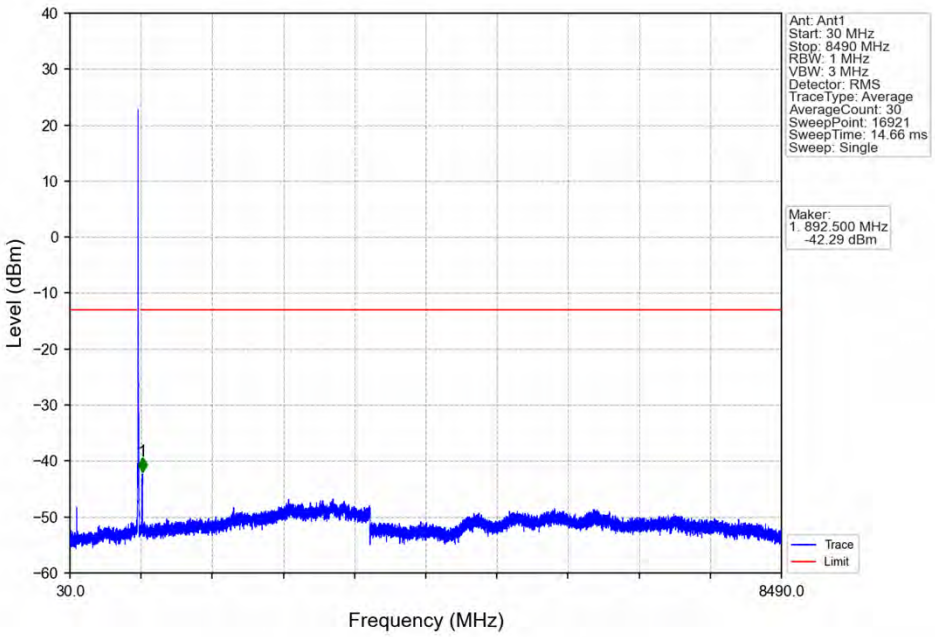



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 824 | 0.1 | 0 | 1 | 824.000 | -28.02 | -13 | Pass |
| 824 | 834 | 0.1 | 0 | / | / | / | / | / |

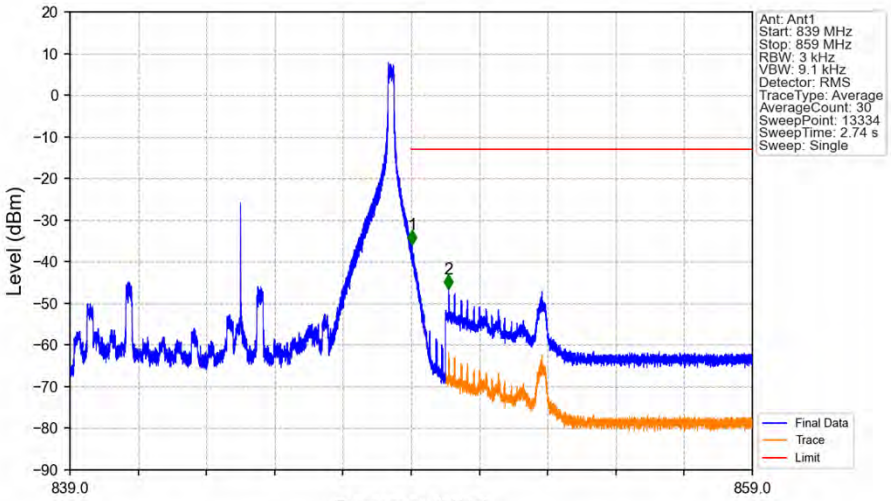
Band26b_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band26b_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

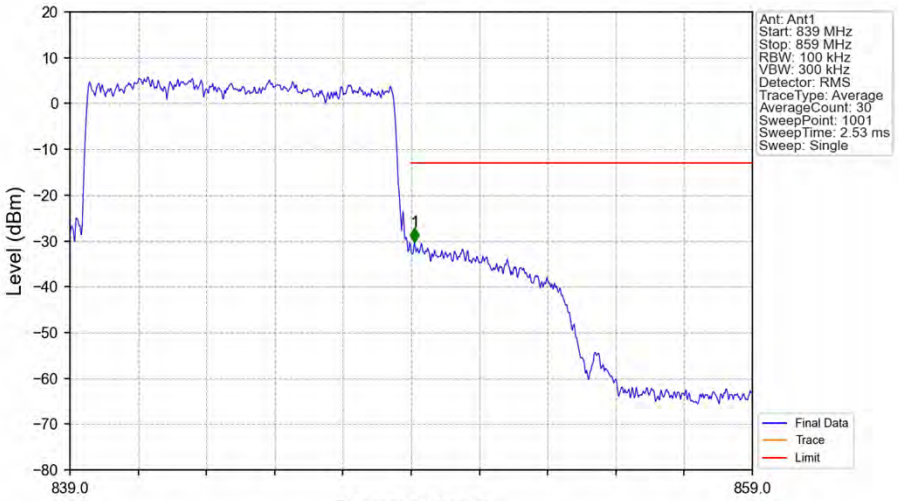



Band26b_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



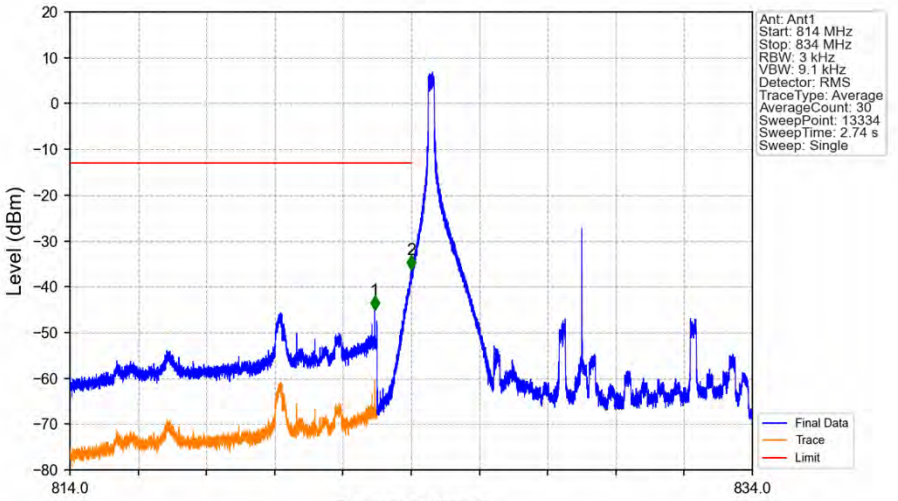

| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 839 | 849 | 0.003 | 0 | / | / | / | / | / |
| 849 | 850 | 0.003 | 0 | 1 | 849.026 | -35.91 | -13 | Pass |
| 850 | 859 | 0.1 | 15.23 | 2 | 850.097 | -46.49 | -13 | Pass |

Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



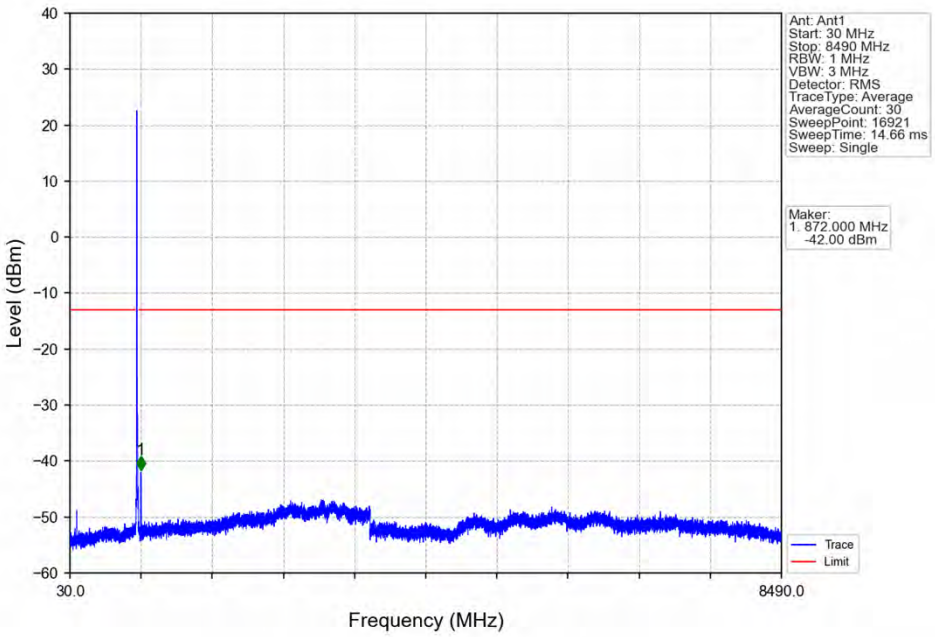

| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 839 | 849 | 0.1 | 0 | / | / | / | / | / |
| 849 | 859 | 0.1 | 0 | 1 | 849.100 | -30.27 | -13 | Pass |

Band26b_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

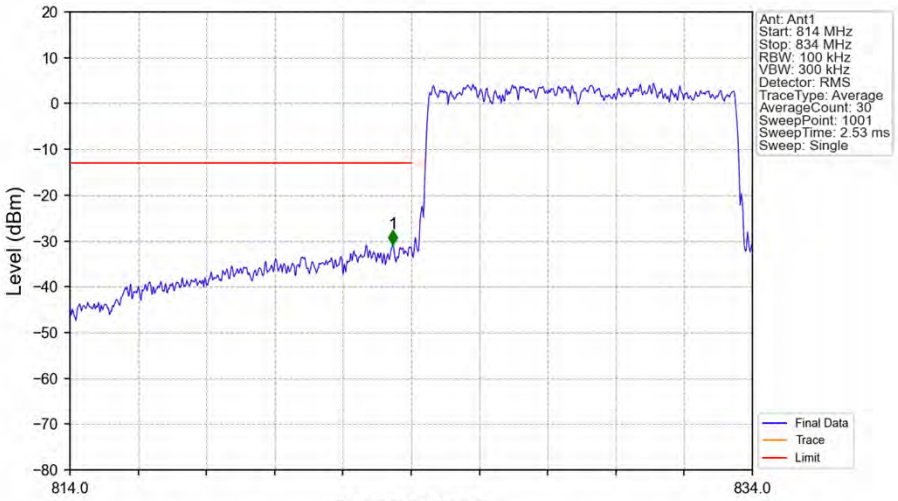



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 823 | 0.1 | 15.23 | 1 | 822.928 | -45.03 | -13 | Pass |
| 823 | 824 | 0.003 | 0 | 2 | 823.998 | -36.23 | -13 | Pass |
| 824 | 834 | 0.003 | 0 | / | / | / | / | / |

Band26b_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

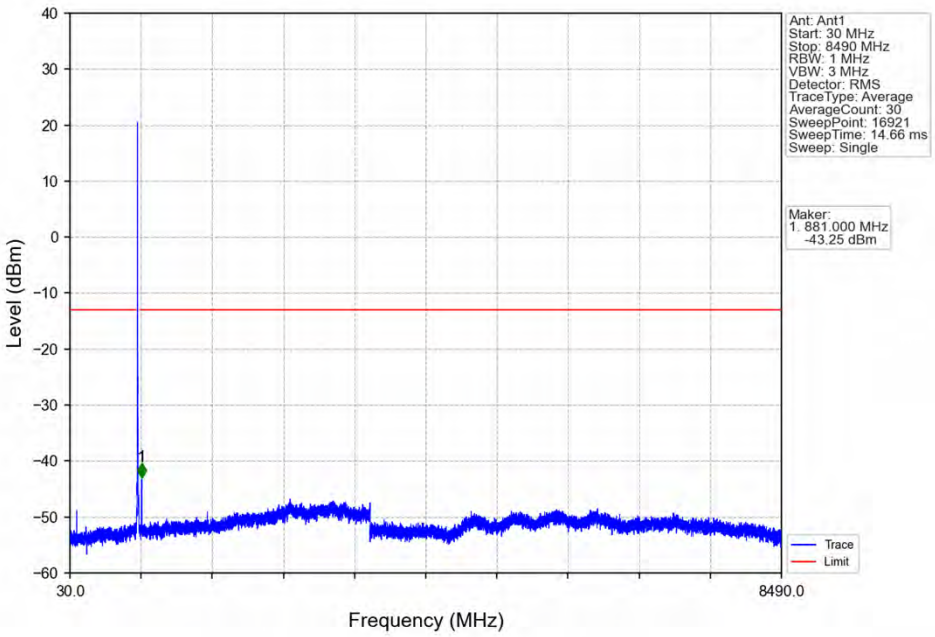



Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

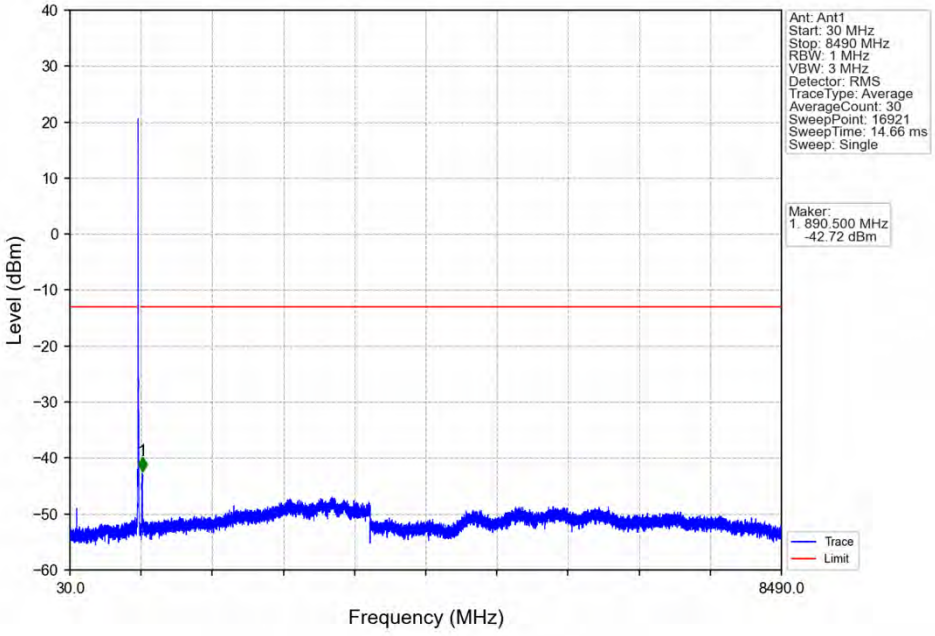



| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 824 | 0.1 | 0 | 1 | 823.460 | -30.73 | -13 | Pass |
| 824 | 834 | 0.1 | 0 | / | / | / | / | / |

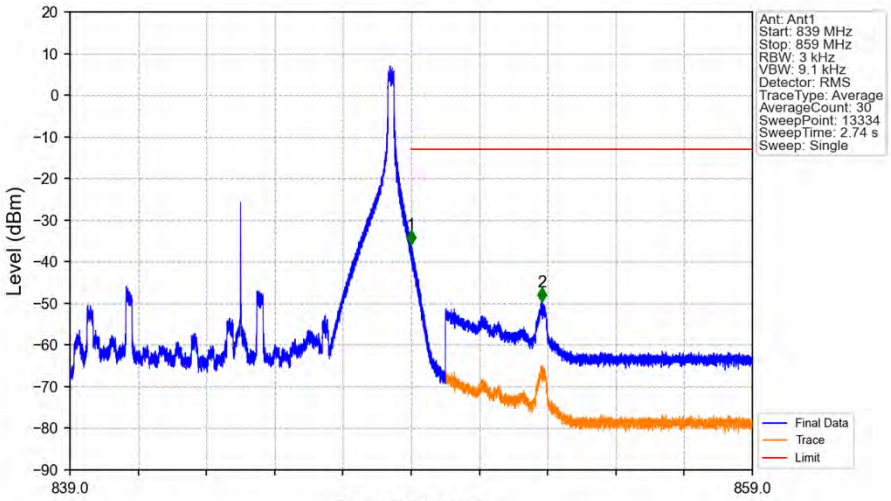
Band26b_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV




Band26b_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

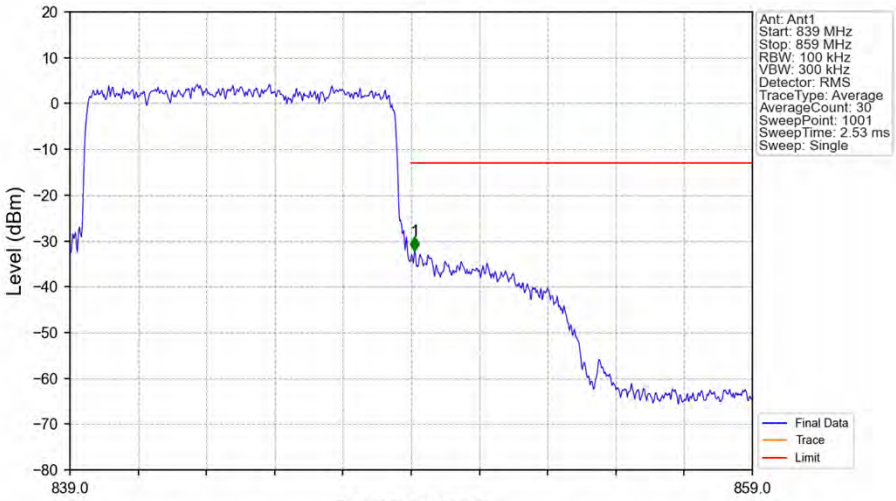


Band26b_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 839 | 849 | 0.003 | 0 | / | / | / | / | / |
| 849 | 850 | 0.003 | 0 | 1 | 849.001 | -35.82 | -13 | Pass |
| 850 | 859 | 0.1 | 15.23 | 2 | 852.838 | -49.72 | -13 | Pass |

Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | RBW Factor(dB) | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 839 | 849 | 0.1 | 0 | / | / | / | / | / |
| 849 | 859 | 0.1 | 0 | 1 | 849.100 | -32.25 | -13 | Pass |

# 7. Form731

## 7.1 Form731_Power

### 7.1.1 Test Result

| Band | BW | Lower Freq | High Freq | MAX Power (W) | Value | Hz/ppm | Emission Designator | Rule Parts | MAX Power (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| 26b | 1.4 | 824.7 | 848.3 | 0.2576 | 0.0122 | ppm | 1M12G7D | / | 24.11 |
| 26b | 1.4 | 824.7 | 848.3 | 0.2056 | 0.0050 | ppm | 1M12W7D | / | 23.13 |
| 26b | 3 | 825.5 | 847.5 | 0.2618 | 0.0056 | ppm | 2M74G7D | / | 24.18 |
| 26b | 3 | 825.5 | 847.5 | 0.2193 | 0.0072 | ppm | 2M73W7D | / | 23.41 |
| 26b | 5 | 826.5 | 846.5 | 0.2679 | 0.0047 | ppm | 4M56G7D | / | 24.28 |
| 26b | 5 | 826.5 | 846.5 | 0.2118 | 0.0055 | ppm | 4M57W7D | / | 23.26 |
| 26b | 10 | 829 | 844 | 0.2636 | 0.0041 | ppm | 9M09G7D | / | 24.21 |
| 26b | 10 | 829 | 844 | 0.2153 | 0.0058 | ppm | 9M08W7D | / | 23.33 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|
| 26b | 1.4 | 824.7 | 848.3 | 0.1626 | 0.0122 | ppm | 1M12G7D | / | 22.11 |
| 26b | 1.4 | 824.7 | 848.3 | 0.1297 | 0.0050 | ppm | 1M12W7D | / | 21.13 |
| 26b | 3 | 825.5 | 847.5 | 0.1652 | 0.0056 | ppm | 2M74G7D | / | 22.18 |
| 26b | 3 | 825.5 | 847.5 | 0.1384 | 0.0072 | ppm | 2M73W7D | / | 21.41 |
| 26b | 5 | 826.5 | 846.5 | 0.1690 | 0.0047 | ppm | 4M56G7D | / | 22.28 |
| 26b | 5 | 826.5 | 846.5 | 0.1337 | 0.0055 | ppm | 4M57W7D | / | 21.26 |
| 26b | 10 | 829 | 844 | 0.1663 | 0.0041 | ppm | 9M09G7D | / | 22.21 |
| 26b | 10 | 829 | 844 | 0.1358 | 0.0058 | ppm | 9M08W7D | / | 21.33 |