# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B5_1.4MHz_ERP

| Band: 5 / 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 | 24.21 | 2.69 | 24.75 | <=38.45 | Pass |
| | | | 2 | 24.11 | 2.69 | 24.65 | <=38.45 | Pass |
| | | | 5 | 24.24 | 2.69 | 24.78 | <=38.45 | Pass |
| | | 3 | 0 | 24.08 | 2.69 | 24.62 | <=38.45 | Pass |
| | | | 2 | 24.10 | 2.69 | 24.64 | <=38.45 | Pass |
| | | | 3 | 24.09 | 2.69 | 24.63 | <=38.45 | Pass |
| | | 6 | 0 | 23.12 | 2.69 | 23.66 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 24.30 | 2.69 | 24.84 | <=38.45 | Pass |
| | | | 2 | 24.42 | 2.69 | 24.96 | <=38.45 | Pass |
| | | | 5 | 24.35 | 2.69 | 24.89 | <=38.45 | Pass |
| | | 3 | 0 | 24.18 | 2.69 | 24.72 | <=38.45 | Pass |
| | | | 2 | 24.35 | 2.69 | 24.89 | <=38.45 | Pass |
| | | | 3 | 24.15 | 2.69 | 24.69 | <=38.45 | Pass |
| | | 6 | 0 | 23.24 | 2.69 | 23.78 | <=38.45 | Pass |
| | 848.3 | 1 | 0 | 24.36 | 2.69 | 24.90 | <=38.45 | Pass |
| | | | 2 | 24.18 | 2.69 | 24.72 | <=38.45 | Pass |
| | | | 5 | 24.41 | 2.69 | 24.95 | <=38.45 | Pass |
| | | 3 | 0 | 24.33 | 2.69 | 24.87 | <=38.45 | Pass |
| | | | 2 | 24.15 | 2.69 | 24.69 | <=38.45 | Pass |
| | | | 3 | 24.27 | 2.69 | 24.81 | <=38.45 | Pass |
| | | 6 | 0 | 23.32 | 2.69 | 23.86 | <=38.45 | Pass |
| 16QAM | 824.7 | 1 | 0 | 23.29 | 2.69 | 23.83 | <=38.45 | Pass |
| | | | 2 | 23.50 | 2.69 | 24.04 | <=38.45 | Pass |
| | | | 5 | 23.58 | 2.69 | 24.12 | <=38.45 | Pass |
| | | 3 | 0 | 23.20 | 2.69 | 23.74 | <=38.45 | Pass |
| | | | 2 | 23.29 | 2.69 | 23.83 | <=38.45 | Pass |
| | | | 3 | 23.21 | 2.69 | 23.75 | <=38.45 | Pass |
| | | 6 | 0 | 22.21 | 2.69 | 22.75 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.54 | 2.69 | 24.08 | <=38.45 | Pass |
| | | | 2 | 23.60 | 2.69 | 24.14 | <=38.45 | Pass |
| | | | 5 | 23.46 | 2.69 | 24.00 | <=38.45 | Pass |
| | | 3 | 0 | 23.24 | 2.69 | 23.78 | <=38.45 | Pass |
| | | | 2 | 23.31 | 2.69 | 23.85 | <=38.45 | Pass |
| | | | 3 | 23.39 | 2.69 | 23.93 | <=38.45 | Pass |
| | | 6 | 0 | 22.25 | 2.69 | 22.79 | <=38.45 | Pass |
| | 848.3 | 1 | 0 | 23.90 | 2.69 | 24.44 | <=38.45 | Pass |
| | | | 2 | 23.42 | 2.69 | 23.96 | <=38.45 | Pass |
| | | | 5 | 23.42 | 2.69 | 23.96 | <=38.45 | Pass |
| | | 3 | 0 | 23.46 | 2.69 | 24.00 | <=38.45 | Pass |
| | | | 2 | 23.49 | 2.69 | 24.03 | <=38.45 | Pass |
| | | | 3 | 23.34 | 2.69 | 23.88 | <=38.45 | Pass |
| | | 6 | 0 | 22.38 | 2.69 | 22.92 | <=38.45 | Pass |
| 64QAM | 824.7 | 1 | 0 | 23.28 | 2.69 | 23.82 | <=38.45 | Pass |
| | | | 2 | 23.35 | 2.69 | 23.89 | <=38.45 | Pass |
| | | | 5 | 23.23 | 2.69 | 23.77 | <=38.45 | Pass |
| | | 3 | 0 | 23.14 | 2.69 | 23.68 | <=38.45 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 2 | 23.13 | 2.69 | 23.67 | <=38.45 | Pass |
| | | | 3 | 23.19 | 2.69 | 23.73 | <=38.45 | Pass |
| | | 6 | 0 | 22.19 | 2.69 | 22.73 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.43 | 2.69 | 23.97 | <=38.45 | Pass |
| | | | 2 | 23.22 | 2.69 | 23.76 | <=38.45 | Pass |
| | | | 5 | 23.35 | 2.69 | 23.89 | <=38.45 | Pass |
| | | 3 | 0 | 23.27 | 2.69 | 23.81 | <=38.45 | Pass |
| | | | 2 | 23.13 | 2.69 | 23.67 | <=38.45 | Pass |
| | | | 3 | 23.31 | 2.69 | 23.85 | <=38.45 | Pass |
| | | 6 | 0 | 22.26 | 2.69 | 22.80 | <=38.45 | Pass |
| | 848.3 | 1 | 0 | 23.34 | 2.69 | 23.88 | <=38.45 | Pass |
| | | | 2 | 23.27 | 2.69 | 23.81 | <=38.45 | Pass |
| | | | 5 | 23.30 | 2.69 | 23.84 | <=38.45 | Pass |
| | | 3 | 0 | 23.34 | 2.69 | 23.88 | <=38.45 | Pass |
| | | | 2 | 23.31 | 2.69 | 23.85 | <=38.45 | Pass |
| | | | 3 | 23.32 | 2.69 | 23.86 | <=38.45 | Pass |
| | | 6 | 0 | 22.29 | 2.69 | 22.83 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

## 1.1.2 B5_3MHz_ERP

| Band: 5 / 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 | 24.04 | 2.69 | 24.58 | <=38.45 | Pass |
| | | | 7 | 24.25 | 2.69 | 24.79 | <=38.45 | Pass |
| | | | 14 | 24.04 | 2.69 | 24.58 | <=38.45 | Pass |
| | | 8 | 0 | 23.13 | 2.69 | 23.67 | <=38.45 | Pass |
| | | | 4 | 23.10 | 2.69 | 23.64 | <=38.45 | Pass |
| | | | 7 | 23.13 | 2.69 | 23.67 | <=38.45 | Pass |
| | | 15 | 0 | 23.19 | 2.69 | 23.73 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 24.12 | 2.69 | 24.66 | <=38.45 | Pass |
| | | | 7 | 24.29 | 2.69 | 24.83 | <=38.45 | Pass |
| | | | 14 | 24.22 | 2.69 | 24.76 | <=38.45 | Pass |
| | | 8 | 0 | 23.18 | 2.69 | 23.72 | <=38.45 | Pass |
| | | | 4 | 23.26 | 2.69 | 23.80 | <=38.45 | Pass |
| | | | 7 | 23.28 | 2.69 | 23.82 | <=38.45 | Pass |
| | | 15 | 0 | 23.25 | 2.69 | 23.79 | <=38.45 | Pass |
| | 847.5 | 1 | 0 | 24.44 | 2.69 | 24.98 | <=38.45 | Pass |
| | | | 7 | 24.35 | 2.69 | 24.89 | <=38.45 | Pass |
| | | | 14 | 24.32 | 2.69 | 24.86 | <=38.45 | Pass |
| | | 8 | 0 | 23.31 | 2.69 | 23.85 | <=38.45 | Pass |
| | | | 4 | 23.34 | 2.69 | 23.88 | <=38.45 | Pass |
| | | | 7 | 23.31 | 2.69 | 23.85 | <=38.45 | Pass |
| | | 15 | 0 | 23.37 | 2.69 | 23.91 | <=38.45 | Pass |
| 16QAM | 825.5 | 1 | 0 | 23.50 | 2.69 | 24.04 | <=38.45 | Pass |
| | | | 7 | 23.35 | 2.69 | 23.89 | <=38.45 | Pass |
| | | | 14 | 23.39 | 2.69 | 23.93 | <=38.45 | Pass |
| | | 8 | 0 | 22.24 | 2.69 | 22.78 | <=38.45 | Pass |
| | | | 4 | 22.26 | 2.69 | 22.80 | <=38.45 | Pass |
| | | | 7 | 22.23 | 2.69 | 22.77 | <=38.45 | Pass |
| | | 15 | 0 | 22.30 | 2.69 | 22.84 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.82 | 2.69 | 24.36 | <=38.45 | Pass |
| | | | 7 | 23.64 | 2.69 | 24.18 | <=38.45 | Pass |
| | | | 14 | 23.52 | 2.69 | 24.06 | <=38.45 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 8 | 0 | 22.31 | 2.69 | 22.85 | <=38.45 | Pass |
| | | | 4 | 22.25 | 2.69 | 22.79 | <=38.45 | Pass |
| | | | 7 | 22.41 | 2.69 | 22.95 | <=38.45 | Pass |
| | | 15 | 0 | 22.30 | 2.69 | 22.84 | <=38.45 | Pass |
| | 847.5 | 1 | 0 | 23.85 | 2.69 | 24.39 | <=38.45 | Pass |
| | | | 7 | 23.73 | 2.69 | 24.27 | <=38.45 | Pass |
| | | | 14 | 23.56 | 2.69 | 24.10 | <=38.45 | Pass |
| | | 8 | 0 | 22.41 | 2.69 | 22.95 | <=38.45 | Pass |
| | | | 4 | 22.49 | 2.69 | 23.03 | <=38.45 | Pass |
| | | | 7 | 22.47 | 2.69 | 23.01 | <=38.45 | Pass |
| | | 15 | 0 | 22.36 | 2.69 | 22.90 | <=38.45 | Pass |
| 64QAM | 825.5 | 1 | 0 | 23.38 | 2.69 | 23.92 | <=38.45 | Pass |
| | | | 7 | 23.19 | 2.69 | 23.73 | <=38.45 | Pass |
| | | | 14 | 23.01 | 2.69 | 23.55 | <=38.45 | Pass |
| | | 8 | 0 | 22.24 | 2.69 | 22.78 | <=38.45 | Pass |
| | | | 4 | 22.18 | 2.69 | 22.72 | <=38.45 | Pass |
| | | | 7 | 22.25 | 2.69 | 22.79 | <=38.45 | Pass |
| | | 15 | 0 | 22.18 | 2.69 | 22.72 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.25 | 2.69 | 23.79 | <=38.45 | Pass |
| | | | 7 | 23.40 | 2.69 | 23.94 | <=38.45 | Pass |
| | | | 14 | 23.37 | 2.69 | 23.91 | <=38.45 | Pass |
| | | 8 | 0 | 22.20 | 2.69 | 22.74 | <=38.45 | Pass |
| | | | 4 | 22.32 | 2.69 | 22.86 | <=38.45 | Pass |
| | | | 7 | 22.27 | 2.69 | 22.81 | <=38.45 | Pass |
| | | 15 | 0 | 22.32 | 2.69 | 22.86 | <=38.45 | Pass |
| | 847.5 | 1 | 0 | 23.41 | 2.69 | 23.95 | <=38.45 | Pass |
| | | | 7 | 23.57 | 2.69 | 24.11 | <=38.45 | Pass |
| | | | 14 | 23.35 | 2.69 | 23.89 | <=38.45 | Pass |
| | | 8 | 0 | 22.34 | 2.69 | 22.88 | <=38.45 | Pass |
| | | | 4 | 22.38 | 2.69 | 22.92 | <=38.45 | Pass |
| | | | 7 | 22.34 | 2.69 | 22.88 | <=38.45 | Pass |
| | | 15 | 0 | 22.41 | 2.69 | 22.95 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

## 1.1.3 B5_5MHz_ERP

| Band: 5 / 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 | 24.06 | 2.69 | 24.60 | <=38.45 | Pass |
| | | | 13 | 24.24 | 2.69 | 24.78 | <=38.45 | Pass |
| | | | 24 | 24.03 | 2.69 | 24.57 | <=38.45 | Pass |
| | | 12 | 0 | 23.23 | 2.69 | 23.77 | <=38.45 | Pass |
| | | | 6 | 23.18 | 2.69 | 23.72 | <=38.45 | Pass |
| | | | 13 | 23.11 | 2.69 | 23.65 | <=38.45 | Pass |
| | | 25 | 0 | 23.18 | 2.69 | 23.72 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 24.08 | 2.69 | 24.62 | <=38.45 | Pass |
| | | | 13 | 24.26 | 2.69 | 24.80 | <=38.45 | Pass |
| | | | 24 | 24.16 | 2.69 | 24.70 | <=38.45 | Pass |
| | | 12 | 0 | 23.26 | 2.69 | 23.80 | <=38.45 | Pass |
| | | | 6 | 23.33 | 2.69 | 23.87 | <=38.45 | Pass |
| | | | 13 | 23.26 | 2.69 | 23.80 | <=38.45 | Pass |
| | | 25 | 0 | 23.31 | 2.69 | 23.85 | <=38.45 | Pass |
| | 846.5 | 1 | 0 | 24.32 | 2.69 | 24.86 | <=38.45 | Pass |
| | | | 13 | 24.63 | 2.69 | 25.17 | <=38.45 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 24 | 24.34 | 2.69 | 24.88 | <=38.45 | Pass |
| | | 12 | 0 | 23.32 | 2.69 | 23.86 | <=38.45 | Pass |
| | | | 6 | 23.31 | 2.69 | 23.85 | <=38.45 | Pass |
| | | | 13 | 23.35 | 2.69 | 23.89 | <=38.45 | Pass |
| | | 25 | 0 | 23.27 | 2.69 | 23.81 | <=38.45 | Pass |
| 16QAM | 826.5 | 1 | 0 | 23.35 | 2.69 | 23.89 | <=38.45 | Pass |
| | | | 13 | 23.48 | 2.69 | 24.02 | <=38.45 | Pass |
| | | | 24 | 23.50 | 2.69 | 24.04 | <=38.45 | Pass |
| | | 12 | 0 | 22.19 | 2.69 | 22.73 | <=38.45 | Pass |
| | | | 6 | 22.28 | 2.69 | 22.82 | <=38.45 | Pass |
| | | | 13 | 22.23 | 2.69 | 22.77 | <=38.45 | Pass |
| | | 25 | 0 | 22.22 | 2.69 | 22.76 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.48 | 2.69 | 24.02 | <=38.45 | Pass |
| | | | 13 | 23.70 | 2.69 | 24.24 | <=38.45 | Pass |
| | | | 24 | 23.56 | 2.69 | 24.10 | <=38.45 | Pass |
| | | 12 | 0 | 22.23 | 2.69 | 22.77 | <=38.45 | Pass |
| | | | 6 | 22.38 | 2.69 | 22.92 | <=38.45 | Pass |
| | | | 13 | 22.25 | 2.69 | 22.79 | <=38.45 | Pass |
| | | 25 | 0 | 22.29 | 2.69 | 22.83 | <=38.45 | Pass |
| | 846.5 | 1 | 0 | 23.69 | 2.69 | 24.23 | <=38.45 | Pass |
| | | | 13 | 23.65 | 2.69 | 24.19 | <=38.45 | Pass |
| | | | 24 | 23.52 | 2.69 | 24.06 | <=38.45 | Pass |
| | | 12 | 0 | 22.33 | 2.69 | 22.87 | <=38.45 | Pass |
| | | | 6 | 22.41 | 2.69 | 22.95 | <=38.45 | Pass |
| | | | 13 | 22.41 | 2.69 | 22.95 | <=38.45 | Pass |
| | | 25 | 0 | 22.30 | 2.69 | 22.84 | <=38.45 | Pass |
| 64QAM | 826.5 | 1 | 0 | 23.14 | 2.69 | 23.68 | <=38.45 | Pass |
| | | | 13 | 23.36 | 2.69 | 23.90 | <=38.45 | Pass |
| | | | 24 | 23.15 | 2.69 | 23.69 | <=38.45 | Pass |
| | | 12 | 0 | 22.16 | 2.69 | 22.70 | <=38.45 | Pass |
| | | | 6 | 22.29 | 2.69 | 22.83 | <=38.45 | Pass |
| | | | 13 | 22.08 | 2.69 | 22.62 | <=38.45 | Pass |
| | | 25 | 0 | 22.23 | 2.69 | 22.77 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.33 | 2.69 | 23.87 | <=38.45 | Pass |
| | | | 13 | 23.30 | 2.69 | 23.84 | <=38.45 | Pass |
| | | | 24 | 23.32 | 2.69 | 23.86 | <=38.45 | Pass |
| | | 12 | 0 | 22.21 | 2.69 | 22.75 | <=38.45 | Pass |
| | | | 6 | 22.33 | 2.69 | 22.87 | <=38.45 | Pass |
| | | | 13 | 22.26 | 2.69 | 22.80 | <=38.45 | Pass |
| | | 25 | 0 | 22.21 | 2.69 | 22.75 | <=38.45 | Pass |
| | 846.5 | 1 | 0 | 23.38 | 2.69 | 23.92 | <=38.45 | Pass |
| | | | 13 | 23.34 | 2.69 | 23.88 | <=38.45 | Pass |
| | | | 24 | 23.35 | 2.69 | 23.89 | <=38.45 | Pass |
| | | 12 | 0 | 22.26 | 2.69 | 22.80 | <=38.45 | Pass |
| | | | 6 | 22.38 | 2.69 | 22.92 | <=38.45 | Pass |
| | | | 13 | 22.41 | 2.69 | 22.95 | <=38.45 | Pass |
| | | 25 | 0 | 22.29 | 2.69 | 22.83 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

## 1.1.4 B5_10MHz_ERP

| Band: 5 / Bandwidth: 10MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | ERP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 829 | 1 | 0 | 24.09 | 2.69 | 24.63 | <=38.45 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 25 | 24.16 | 2.69 | 24.70 | <=38.45 | Pass |
| | | | 49 | 24.21 | 2.69 | 24.75 | <=38.45 | Pass |
| | | 25 | 0 | 23.18 | 2.69 | 23.72 | <=38.45 | Pass |
| | | | 13 | 23.19 | 2.69 | 23.73 | <=38.45 | Pass |
| | | | 25 | 23.18 | 2.69 | 23.72 | <=38.45 | Pass |
| | | 50 | 0 | 23.17 | 2.69 | 23.71 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 24.14 | 2.69 | 24.68 | <=38.45 | Pass |
| | | | 25 | 24.53 | 2.69 | 25.07 | <=38.45 | Pass |
| | | | 49 | 24.35 | 2.69 | 24.89 | <=38.45 | Pass |
| | | 25 | 0 | 23.26 | 2.69 | 23.80 | <=38.45 | Pass |
| | | | 13 | 23.32 | 2.69 | 23.86 | <=38.45 | Pass |
| | | | 25 | 23.33 | 2.69 | 23.87 | <=38.45 | Pass |
| | | 50 | 0 | 23.29 | 2.69 | 23.83 | <=38.45 | Pass |
| | 844 | 1 | 0 | 24.26 | 2.69 | 24.80 | <=38.45 | Pass |
| | | | 25 | 24.52 | 2.69 | 25.06 | <=38.45 | Pass |
| | | | 49 | 24.27 | 2.69 | 24.81 | <=38.45 | Pass |
| | | 25 | 0 | 23.30 | 2.69 | 23.84 | <=38.45 | Pass |
| | | | 13 | 23.35 | 2.69 | 23.89 | <=38.45 | Pass |
| | | | 25 | 23.44 | 2.69 | 23.98 | <=38.45 | Pass |
| | | 50 | 0 | 23.30 | 2.69 | 23.84 | <=38.45 | Pass |
| 16QAM | 829 | 1 | 0 | 23.35 | 2.69 | 23.89 | <=38.45 | Pass |
| | | | 25 | 23.44 | 2.69 | 23.98 | <=38.45 | Pass |
| | | | 49 | 23.55 | 2.69 | 24.09 | <=38.45 | Pass |
| | | 25 | 0 | 22.16 | 2.69 | 22.70 | <=38.45 | Pass |
| | | | 13 | 22.25 | 2.69 | 22.79 | <=38.45 | Pass |
| | | | 25 | 22.25 | 2.69 | 22.79 | <=38.45 | Pass |
| | | 50 | 0 | 22.23 | 2.69 | 22.77 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.48 | 2.69 | 24.02 | <=38.45 | Pass |
| | | | 25 | 23.37 | 2.69 | 23.91 | <=38.45 | Pass |
| | | | 49 | 23.64 | 2.69 | 24.18 | <=38.45 | Pass |
| | | 25 | 0 | 22.14 | 2.69 | 22.68 | <=38.45 | Pass |
| | | | 13 | 22.31 | 2.69 | 22.85 | <=38.45 | Pass |
| | | | 25 | 22.32 | 2.69 | 22.86 | <=38.45 | Pass |
| | | 50 | 0 | 22.29 | 2.69 | 22.83 | <=38.45 | Pass |
| | 844 | 1 | 0 | 23.62 | 2.69 | 24.16 | <=38.45 | Pass |
| | | | 25 | 23.74 | 2.69 | 24.28 | <=38.45 | Pass |
| | | | 49 | 23.55 | 2.69 | 24.09 | <=38.45 | Pass |
| | | 25 | 0 | 22.39 | 2.69 | 22.93 | <=38.45 | Pass |
| | | | 13 | 22.42 | 2.69 | 22.96 | <=38.45 | Pass |
| | | | 25 | 22.43 | 2.69 | 22.97 | <=38.45 | Pass |
| | | 50 | 0 | 22.30 | 2.69 | 22.84 | <=38.45 | Pass |
| 64QAM | 829 | 1 | 0 | 23.24 | 2.69 | 23.78 | <=38.45 | Pass |
| | | | 25 | 23.16 | 2.69 | 23.70 | <=38.45 | Pass |
| | | | 49 | 23.41 | 2.69 | 23.95 | <=38.45 | Pass |
| | | 25 | 0 | 22.21 | 2.69 | 22.75 | <=38.45 | Pass |
| | | | 13 | 22.21 | 2.69 | 22.75 | <=38.45 | Pass |
| | | | 25 | 22.23 | 2.69 | 22.77 | <=38.45 | Pass |
| | | 50 | 0 | 22.11 | 2.69 | 22.65 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.38 | 2.69 | 23.92 | <=38.45 | Pass |
| | | | 25 | 23.40 | 2.69 | 23.94 | <=38.45 | Pass |
| | | | 49 | 23.44 | 2.69 | 23.98 | <=38.45 | Pass |
| | | 25 | 0 | 22.22 | 2.69 | 22.76 | <=38.45 | Pass |
| | | | 13 | 22.30 | 2.69 | 22.84 | <=38.45 | Pass |
| | | | 25 | 22.40 | 2.69 | 22.94 | <=38.45 | Pass |
| | | 50 | 0 | 22.28 | 2.69 | 22.82 | <=38.45 | Pass |
| | 844 | 1 | 0 | 23.47 | 2.69 | 24.01 | <=38.45 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 25 | 23.48 | 2.69 | 24.02 | <=38.45 | Pass |
| | | | 49 | 23.36 | 2.69 | 23.90 | <=38.45 | Pass |
| | | 25 | 0 | 22.39 | 2.69 | 22.93 | <=38.45 | Pass |
| | | | 13 | 22.45 | 2.69 | 22.99 | <=38.45 | Pass |
| | | | 25 | 22.33 | 2.69 | 22.87 | <=38.45 | Pass |
| | | 50 | 0 | 22.32 | 2.69 | 22.86 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

# 2. Frequency Stability

## 2.1 B5_1.4MHz

### 2.1.1 Test Result

| Band: 5 / 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 | 3.27 | 12.000 | 0.0146 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 12.900 | 0.0156 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 9.200 | 0.0112 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 10.700 | 0.0130 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 8.600 | 0.0104 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 9.000 | 0.0109 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 4.500 | 0.0055 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 3.900 | 0.0047 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 5.100 | 0.0062 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 4.300 | 0.0052 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 2.600 | 0.0032 | -2.5 to 2.5 | Pass |
| | 836.5 | 6 | 0 | 20 | 3.27 | -14.600 | -0.0175 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -13.800 | -0.0165 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -16.100 | -0.0192 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -18.000 | -0.0215 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -17.100 | -0.0204 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -17.400 | -0.0208 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -18.900 | -0.0226 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -16.400 | -0.0196 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -14.200 | -0.0170 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -9.500 | -0.0114 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -7.000 | -0.0084 | -2.5 to 2.5 | Pass |
| | 848.3 | 6 | 0 | 20 | 3.27 | 4.100 | 0.0048 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 4.800 | 0.0057 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 4.000 | 0.0047 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 5.600 | 0.0066 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 4.000 | 0.0047 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.000 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.000 | 0.0035 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.600 | 0.0031 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 2.100 | 0.0025 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.700 | 0.0044 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 3.800 | 0.0045 | -2.5 to 2.5 | Pass |
| 16QAM | 824.7 | 6 | 0 | 20 | 3.27 | 1.200 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.000 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 3.900 | 0.0047 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 3.200 | 0.0039 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -20 | 3.85 | 2.100 | 0.0025 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 1.400 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 1.500 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.800 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.300 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.300 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.400 | 0.0005 | -2.5 to 2.5 | Pass |
| | 836.5 | 6 | 0 | 20 | 3.27 | -7.900 | -0.0094 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -4.400 | -0.0053 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -4.000 | -0.0048 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -3.400 | -0.0041 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -1.800 | -0.0022 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -1.800 | -0.0022 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -1.400 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 0.300 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.000 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -0.800 | -0.0010 | -2.5 to 2.5 | Pass |
| | 848.3 | 6 | 0 | 20 | 3.27 | 2.300 | 0.0027 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.900 | 0.0022 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.100 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 0.300 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 2.000 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.800 | 0.0021 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 2.200 | 0.0026 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -0.800 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 3.300 | 0.0039 | -2.5 to 2.5 | Pass |
| 64QAM | 824.7 | 6 | 0 | 20 | 3.27 | 186.100 | 0.2257 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 69.100 | 0.0838 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -196.200 | -0.2379 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -188.100 | -0.2281 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -22.800 | -0.0276 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 91.400 | 0.1108 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -188.300 | -0.2283 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 188.800 | 0.2289 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -192.900 | -0.2339 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -190.400 | -0.2309 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 189.000 | 0.2292 | -2.5 to 2.5 | Pass |
| | 836.5 | 6 | 0 | 20 | 3.27 | 189.200 | 0.2262 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -187.800 | -0.2245 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -154.500 | -0.1847 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 192.500 | 0.2301 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 107.200 | 0.1282 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 185.300 | 0.2215 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 107.800 | 0.1289 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 18.700 | 0.0224 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 186.300 | 0.2227 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 183.000 | 0.2188 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 197.700 | 0.2363 | -2.5 to 2.5 | Pass |
| | 848.3 | 6 | 0 | 20 | 3.27 | 197.600 | 0.2329 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 188.400 | 0.2221 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 149.400 | 0.1761 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 188.700 | 0.2224 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 180.300 | 0.2125 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -10 | 3.85 | 180.100 | 0.2123 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -181.700 | -0.2142 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 144.000 | 0.1698 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -189.300 | -0.2232 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -137.200 | -0.1617 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -187.700 | -0.2213 | -2.5 to 2.5 | Pass |

## 2.2 B5_3MHz

### 2.2.1 Test Result

| Band: 5 / 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 | 3.27 | 4.200 | 0.0051 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.800 | 0.0034 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 3.000 | 0.0036 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 2.300 | 0.0028 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 2.600 | 0.0031 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 1.400 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 4.000 | 0.0048 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.900 | 0.0035 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 3.100 | 0.0038 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.300 | 0.0040 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 2.200 | 0.0027 | -2.5 to 2.5 | Pass |
| | 836.5 | 15 | 0 | 20 | 3.27 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 0.400 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -0.500 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.300 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.200 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -0.300 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.300 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.500 | 0.0030 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -0.500 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 2.200 | 0.0026 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -0.400 | -0.0005 | -2.5 to 2.5 | Pass |
| | 847.5 | 15 | 0 | 20 | 3.27 | 1.200 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 0.800 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 0.400 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -1.500 | -0.0018 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 0.800 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 1.100 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 1.100 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.200 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.100 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.600 | 0.0019 | -2.5 to 2.5 | Pass |
| 16QAM | 825.5 | 15 | 0 | 20 | 3.27 | 0.900 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.900 | 0.0035 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 2.000 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.300 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.600 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.500 | 0.0030 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.400 | 0.0041 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 10 | 3.85 | 3.800 | 0.0046 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 2.600 | 0.0031 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.400 | 0.0041 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 2.900 | 0.0035 | -2.5 to 2.5 | Pass |
| | 836.5 | 15 | 0 | 20 | 3.27 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -0.800 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.200 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 0.800 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 1.200 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.500 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.400 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -1.300 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.200 | 0.0014 | -2.5 to 2.5 | Pass |
| | 847.5 | 15 | 0 | 20 | 3.27 | 2.000 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.400 | 0.0028 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -0.500 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.500 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -0.600 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.800 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.600 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 0.200 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.400 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 2.100 | 0.0025 | -2.5 to 2.5 | Pass |
| 64QAM | 825.5 | 15 | 0 | 20 | 3.27 | 57.300 | 0.0694 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -123.000 | -0.1490 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 88.000 | 0.1066 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -139.300 | -0.1687 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -12.900 | -0.0156 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 35.600 | 0.0431 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 40.700 | 0.0493 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -60.800 | -0.0737 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 12.400 | 0.0150 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -34.600 | -0.0419 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -15.500 | -0.0188 | -2.5 to 2.5 | Pass |
| | 836.5 | 15 | 0 | 20 | 3.27 | -40.400 | -0.0483 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 7.200 | 0.0086 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -8.100 | -0.0097 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 8.200 | 0.0098 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -24.600 | -0.0294 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 24.800 | 0.0296 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -4.100 | -0.0049 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -96.800 | -0.1157 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -24.900 | -0.0298 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -4.300 | -0.0051 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 122.300 | 0.1462 | -2.5 to 2.5 | Pass |
| | 847.5 | 15 | 0 | 20 | 3.27 | -86.100 | -0.1016 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -16.400 | -0.0194 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -10.100 | -0.0119 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 25.000 | 0.0295 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -69.400 | -0.0819 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -52.600 | -0.0621 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 5.300 | 0.0063 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 51.200 | 0.0604 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 30 | 3.85 | -20.200 | -0.0238 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 34.100 | 0.0402 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -48.400 | -0.0571 | -2.5 to 2.5 | Pass |

## 2.3 B5_5MHz

### 2.3.1 Test Result

| Band: 5 / 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 | 3.27 | 1.900 | 0.0023 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.200 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 3.200 | 0.0039 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 2.700 | 0.0033 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.000 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.800 | 0.0034 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 2.000 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 3.500 | 0.0042 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 2.000 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 2.400 | 0.0029 | -2.5 to 2.5 | Pass |
| | 836.5 | 25 | 0 | 20 | 3.27 | 1.300 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 0.300 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 0.800 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.200 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.700 | 0.0044 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 1.500 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.900 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.100 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 0.900 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 2.300 | 0.0027 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.900 | 0.0023 | -2.5 to 2.5 | Pass |
| | 846.5 | 25 | 0 | 20 | 3.27 | 2.500 | 0.0030 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.200 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 4.000 | 0.0047 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 3.500 | 0.0041 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.000 | 0.0035 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 3.100 | 0.0037 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.900 | 0.0046 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 3.100 | 0.0037 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 3.100 | 0.0037 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.900 | 0.0046 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 3.600 | 0.0043 | -2.5 to 2.5 | Pass |
| 16QAM | 826.5 | 25 | 0 | 20 | 3.27 | 3.800 | 0.0046 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 5.000 | 0.0060 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 2.800 | 0.0034 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 4.300 | 0.0052 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 2.000 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 3.100 | 0.0038 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 3.600 | 0.0044 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.900 | 0.0035 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.600 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 2.400 | 0.0029 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 50 | 3.85 | 3.600 | 0.0044 | -2.5 to 2.5 | Pass |
| | 836.5 | 25 | 0 | 20 | 3.27 | 1.500 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 2.600 | 0.0031 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 2.300 | 0.0027 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.800 | 0.0022 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.000 | 0.0036 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.000 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.700 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.700 | 0.0020 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 2.600 | 0.0031 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.400 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
| | 846.5 | 25 | 0 | 20 | 3.27 | 2.300 | 0.0027 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 3.300 | 0.0039 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 5.100 | 0.0060 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 2.600 | 0.0031 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 4.400 | 0.0052 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 4.200 | 0.0050 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 4.500 | 0.0053 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.100 | 0.0025 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.600 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 2.600 | 0.0031 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.100 | 0.0013 | -2.5 to 2.5 | Pass |
| 64QAM | 826.5 | 25 | 0 | 20 | 3.27 | 12.500 | 0.0151 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -19.000 | -0.0230 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 21.400 | 0.0259 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 53.900 | 0.0652 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -13.200 | -0.0160 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 38.500 | 0.0466 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -19.500 | -0.0236 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -15.300 | -0.0185 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 12.800 | 0.0155 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 17.700 | 0.0214 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 27.200 | 0.0329 | -2.5 to 2.5 | Pass |
| | 836.5 | 25 | 0 | 20 | 3.27 | -46.500 | -0.0556 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -21.300 | -0.0255 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -3.800 | -0.0045 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 32.400 | 0.0387 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -24.700 | -0.0295 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 31.400 | 0.0375 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -4.100 | -0.0049 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 30.500 | 0.0365 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 33.900 | 0.0405 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -33.900 | -0.0405 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 22.600 | 0.0270 | -2.5 to 2.5 | Pass |
| | 846.5 | 25 | 0 | 20 | 3.27 | -6.200 | -0.0073 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 12.500 | 0.0148 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 4.100 | 0.0048 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 22.600 | 0.0267 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -32.600 | -0.0385 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 11.500 | 0.0136 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -3.900 | -0.0046 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -15.700 | -0.0185 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -34.100 | -0.0403 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 45.300 | 0.0535 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -31.700 | -0.0374 | -2.5 to 2.5 | Pass |

## 2.4 B5_10MHz

### 2.4.1 Test Result

| Band: 5 / 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 | 3.27 | 0.300 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.300 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.700 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 1.300 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -0.200 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -0.900 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -0.400 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass |
| | 836.5 | 50 | 0 | 20 | 3.27 | -0.400 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -1.400 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -0.400 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -1.100 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -1.700 | -0.0020 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -0.600 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -0.700 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.300 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -1.100 | -0.0013 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 0.600 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass |
| | 844 | 50 | 0 | 20 | 3.27 | 1.900 | 0.0023 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -0.400 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -1.400 | -0.0017 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 0.200 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 0.400 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -1.800 | -0.0021 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.800 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -0.900 | -0.0011 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -0.800 | -0.0009 | -2.5 to 2.5 | Pass |
| 16QAM | 829 | 50 | 0 | 20 | 3.27 | 0.500 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.400 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 0.300 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.100 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 0.400 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -0.100 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 0.500 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.500 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -0.500 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 0.600 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.200 | 0.0002 | -2.5 to 2.5 | Pass |
| | 836.5 | 50 | 0 | 20 | 3.27 | 0.400 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -0.800 | -0.0010 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 4.43 | -2.000 | -0.0024 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -0.200 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -0.200 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 0.900 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 1.100 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 0.800 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 0.100 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 1.300 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -1.500 | -0.0018 | -2.5 to 2.5 | Pass |
| | 844 | 50 | 0 | 20 | 3.27 | -1.900 | -0.0023 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -0.800 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -0.500 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -0.300 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 0.300 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 0.400 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -0.200 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.100 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 0.700 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -1.200 | -0.0014 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -0.400 | -0.0005 | -2.5 to 2.5 | Pass |
| 64QAM | 829 | 50 | 0 | 20 | 3.27 | 19.800 | 0.0239 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -18.000 | -0.0217 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 4.800 | 0.0058 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -8.800 | -0.0106 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 4.700 | 0.0057 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 15.500 | 0.0187 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 35.500 | 0.0428 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 3.600 | 0.0043 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 8.800 | 0.0106 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 6.300 | 0.0076 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -40.000 | -0.0483 | -2.5 to 2.5 | Pass |
| | 836.5 | 50 | 0 | 20 | 3.27 | 29.500 | 0.0353 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -27.500 | -0.0329 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -26.300 | -0.0314 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 4.800 | 0.0057 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 6.400 | 0.0077 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 5.800 | 0.0069 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 17.300 | 0.0207 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -25.100 | -0.0300 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -7.400 | -0.0088 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -35.800 | -0.0428 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -16.100 | -0.0192 | -2.5 to 2.5 | Pass |
| | 844 | 50 | 0 | 20 | 3.27 | -19.900 | -0.0236 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 26.700 | 0.0316 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -21.100 | -0.0250 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 16.400 | 0.0194 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 18.100 | 0.0214 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 9.100 | 0.0108 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 8.100 | 0.0096 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -14.400 | -0.0171 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 1.300 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 14.200 | 0.0168 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -8.100 | -0.0096 | -2.5 to 2.5 | Pass |

## 3. 99% & 26dB Bandwidth

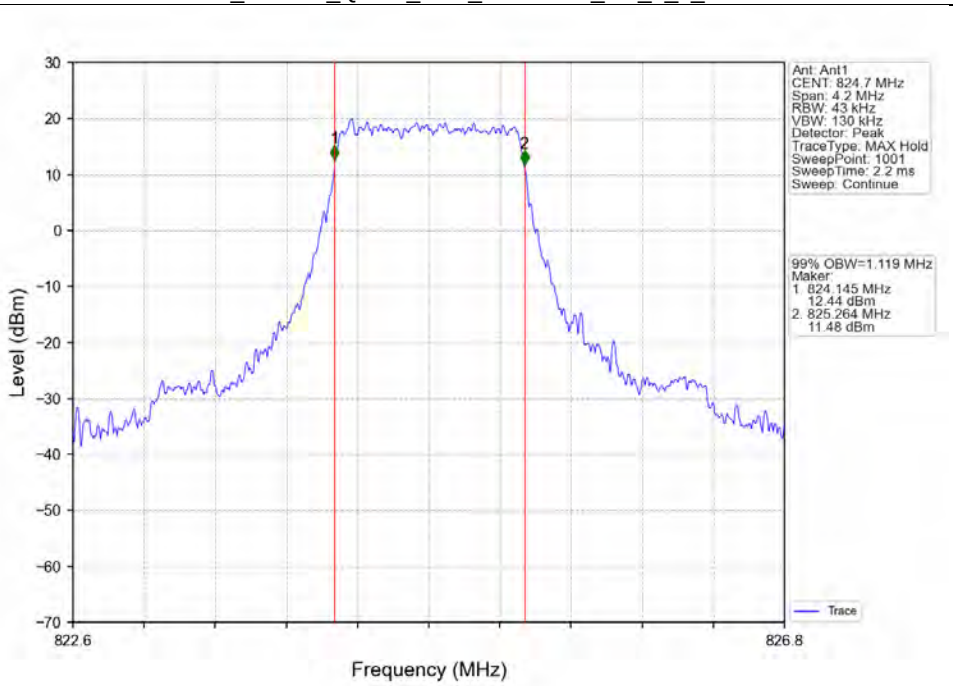
## 3.1 Band5_OBW

### 3.1.1 Test Result

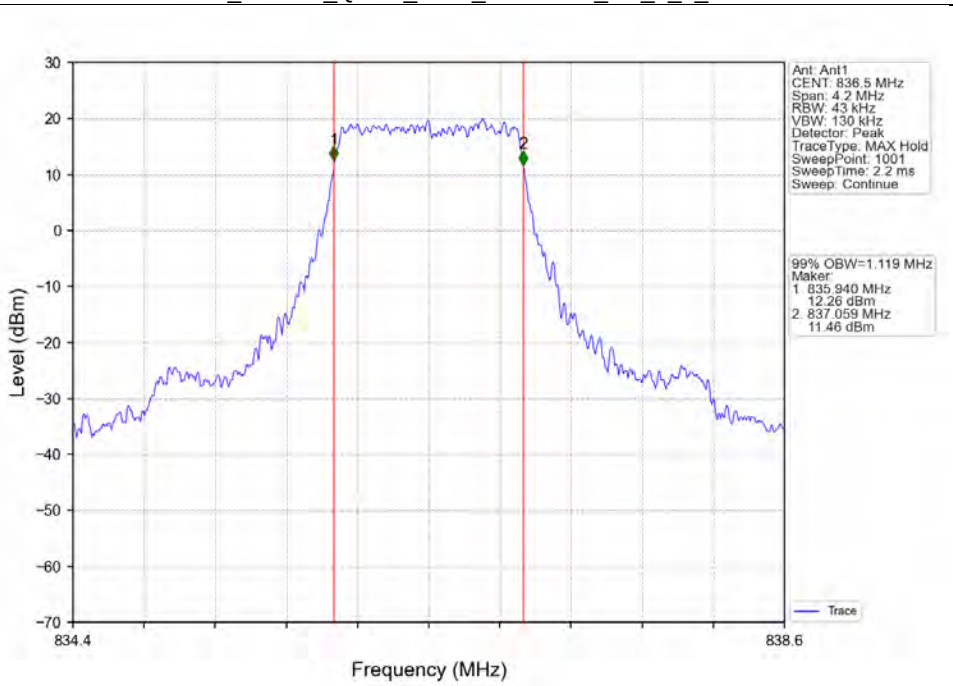
| Band: 5 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 1.4 | QPSK | 824.7 | 6 | 0 | 1.119 | / | Pass |
| | | 836.5 | 6 | 0 | 1.119 | / | Pass |
| | | 848.3 | 6 | 0 | 1.118 | / | Pass |
| | 16QAM | 824.7 | 6 | 0 | 1.124 | / | Pass |
| | | 836.5 | 6 | 0 | 1.126 | / | Pass |
| | | 848.3 | 6 | 0 | 1.134 | / | Pass |
| | 64QAM | 824.7 | 6 | 0 | 1.129 | / | Pass |
| | | 836.5 | 6 | 0 | 1.129 | / | Pass |
| | | 848.3 | 6 | 0 | 1.125 | / | Pass |
| 3 | QPSK | 825.5 | 15 | 0 | 2.735 | / | Pass |
| | | 836.5 | 15 | 0 | 2.742 | / | Pass |
| | | 847.5 | 15 | 0 | 2.753 | / | Pass |
| | 16QAM | 825.5 | 15 | 0 | 2.748 | / | Pass |
| | | 836.5 | 15 | 0 | 2.740 | / | Pass |
| | | 847.5 | 15 | 0 | 2.746 | / | Pass |
| | 64QAM | 825.5 | 15 | 0 | 2.740 | / | Pass |
| | | 836.5 | 15 | 0 | 2.745 | / | Pass |
| | | 847.5 | 15 | 0 | 2.736 | / | Pass |
| 5 | QPSK | 826.5 | 25 | 0 | 4.559 | / | Pass |
| | | 836.5 | 25 | 0 | 4.555 | / | Pass |
| | | 846.5 | 25 | 0 | 4.552 | / | Pass |
| | 16QAM | 826.5 | 25 | 0 | 4.558 | / | Pass |
| | | 836.5 | 25 | 0 | 4.560 | / | Pass |
| | | 846.5 | 25 | 0 | 4.564 | / | Pass |
| | 64QAM | 826.5 | 25 | 0 | 4.555 | / | Pass |
| | | 836.5 | 25 | 0 | 4.577 | / | Pass |
| | | 846.5 | 25 | 0 | 4.557 | / | Pass |
| 10 | QPSK | 829 | 50 | 0 | 9.075 | / | Pass |
| | | 836.5 | 50 | 0 | 9.089 | / | Pass |
| | | 844 | 50 | 0 | 9.085 | / | Pass |
| | 16QAM | 829 | 50 | 0 | 9.060 | / | Pass |
| | | 836.5 | 50 | 0 | 9.097 | / | Pass |
| | | 844 | 50 | 0 | 9.085 | / | Pass |
| | 64QAM | 829 | 50 | 0 | 9.104 | / | Pass |
| | | 836.5 | 50 | 0 | 9.088 | / | Pass |
| | | 844 | 50 | 0 | 9.071 | / | Pass |

### 3.1.2 Test Graph

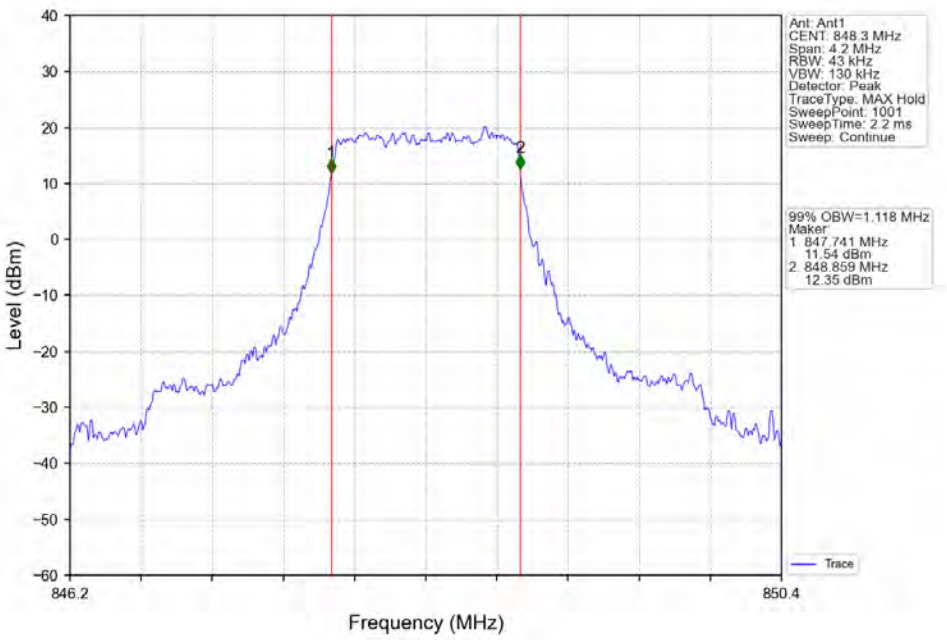
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



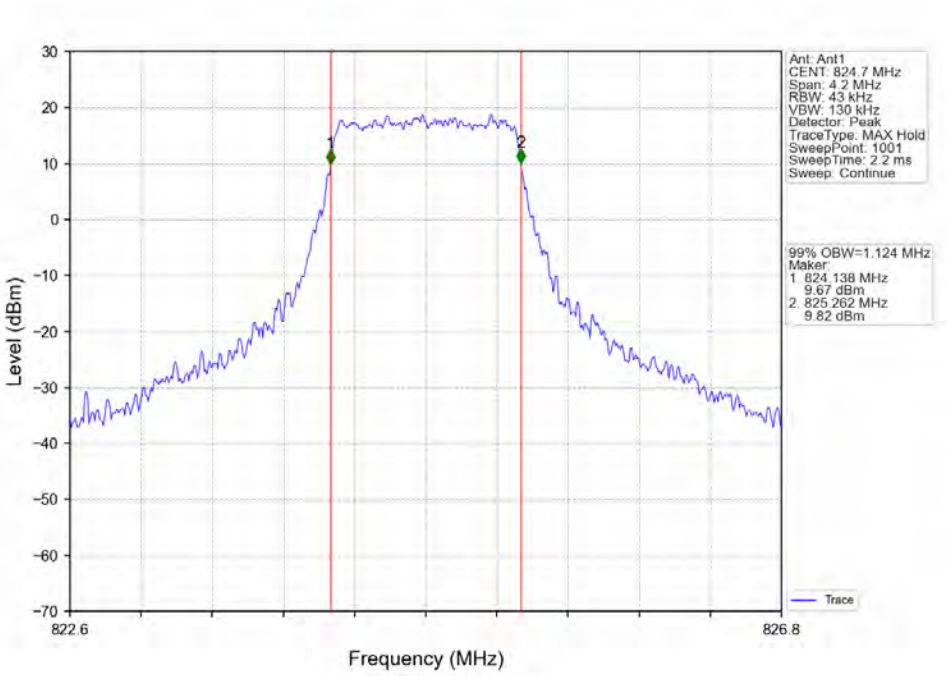

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



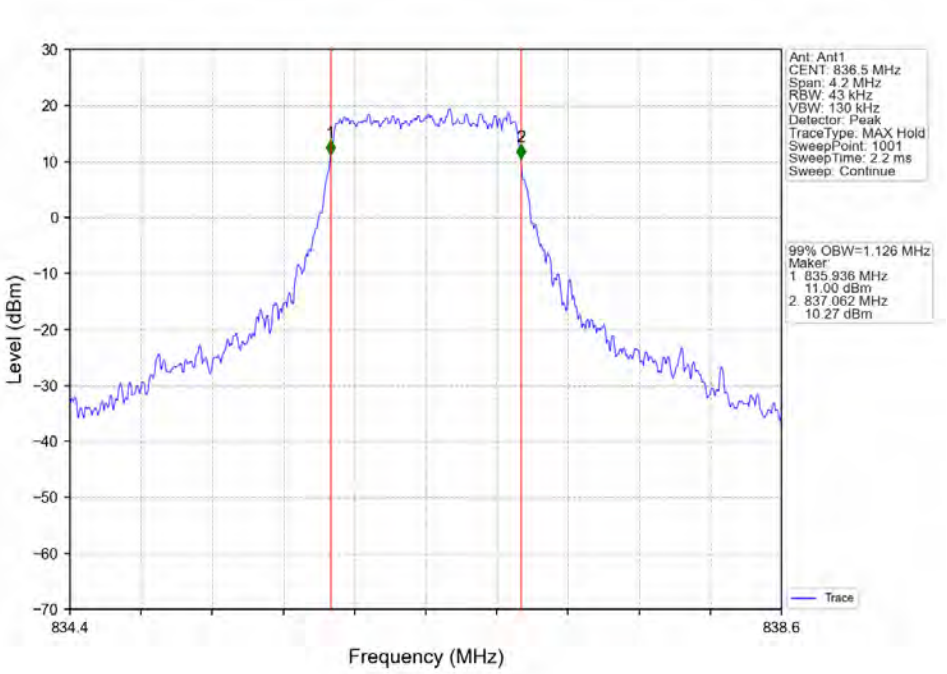
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



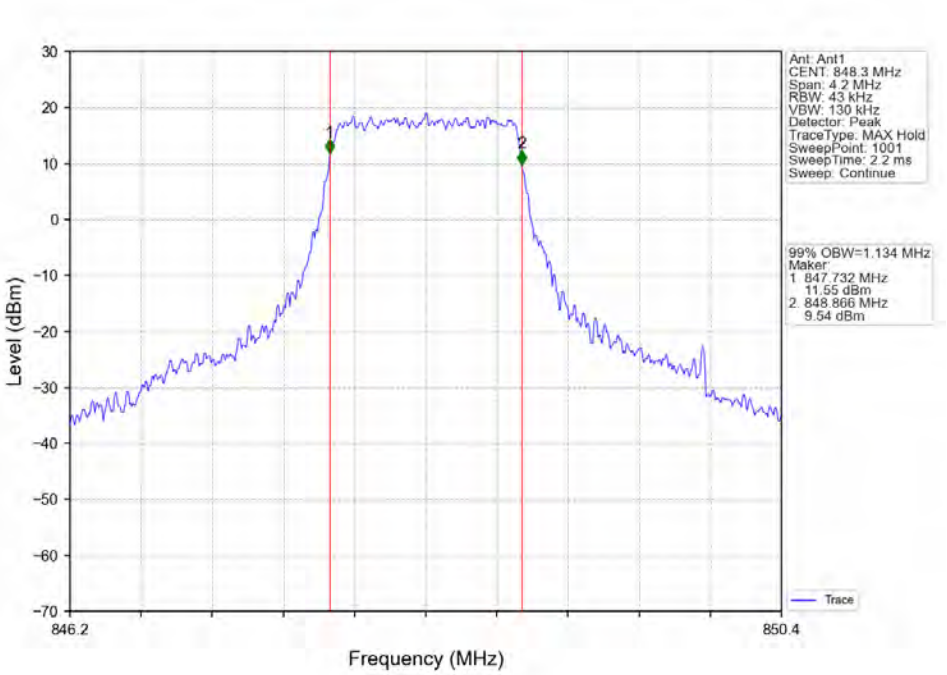

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



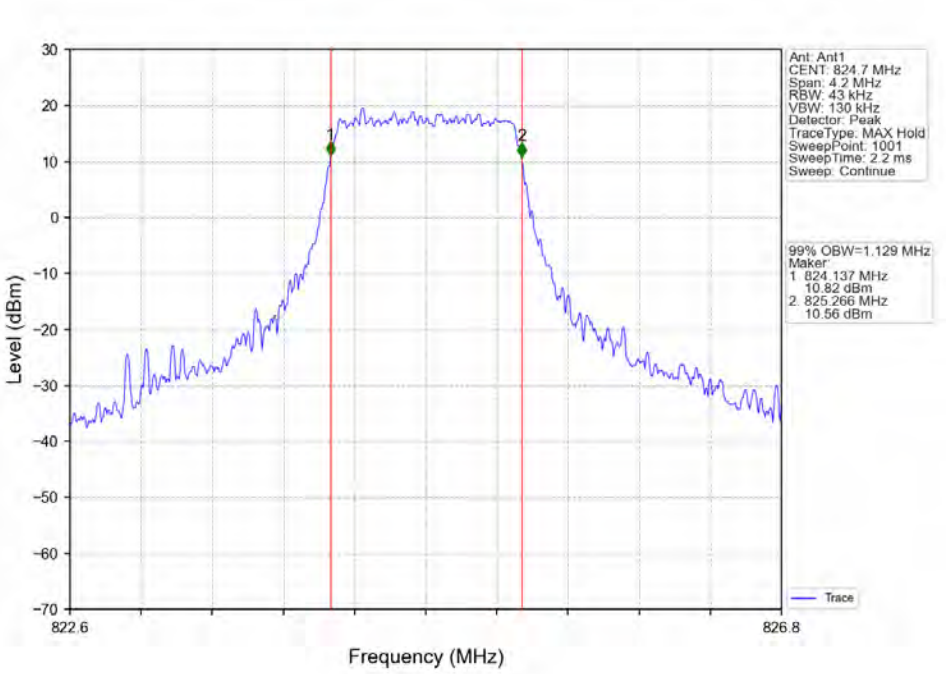
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



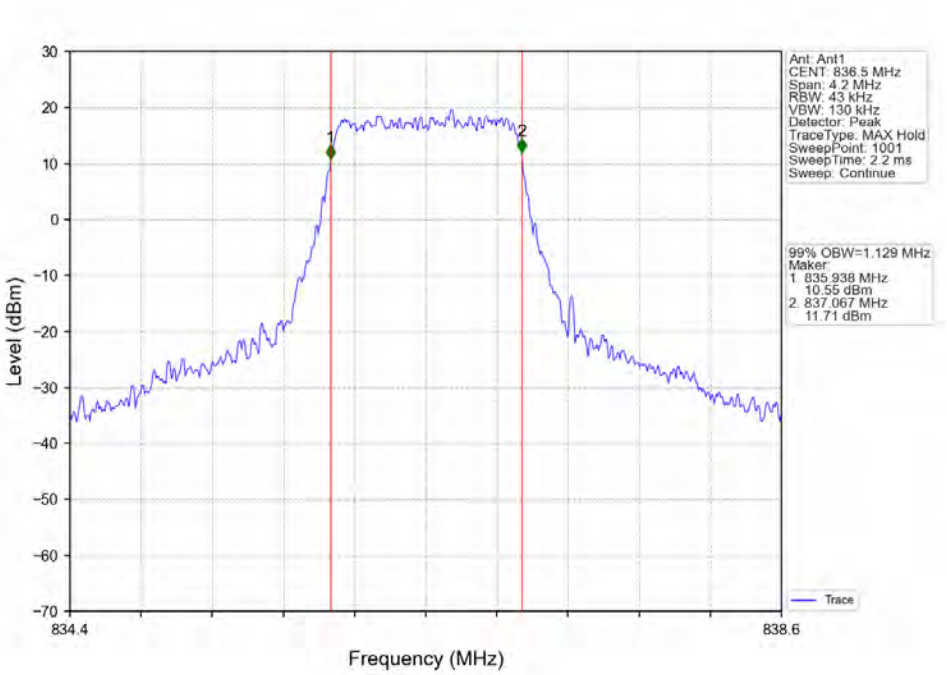

Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



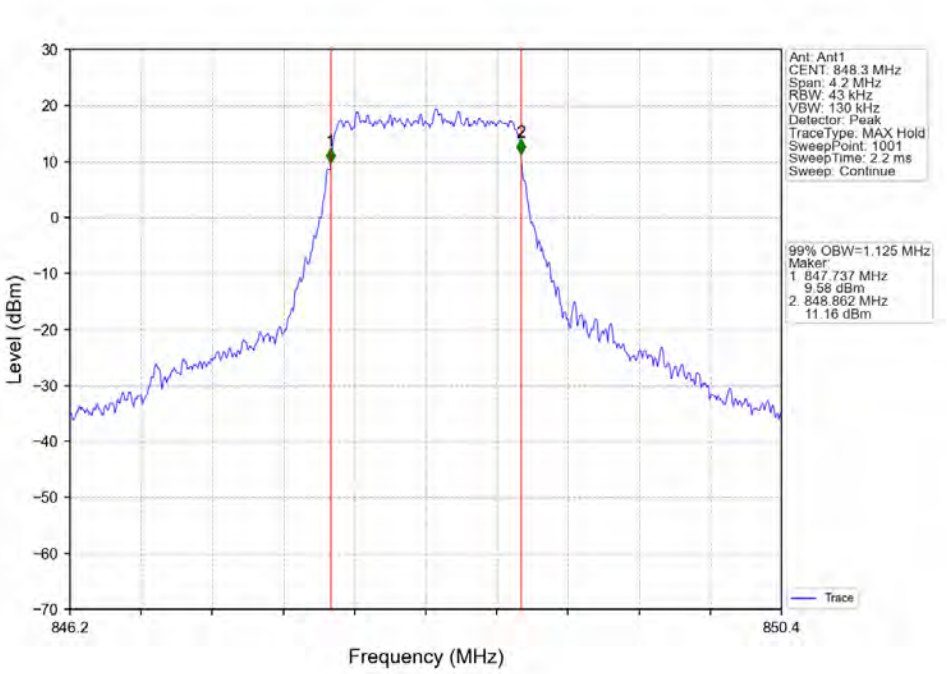
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



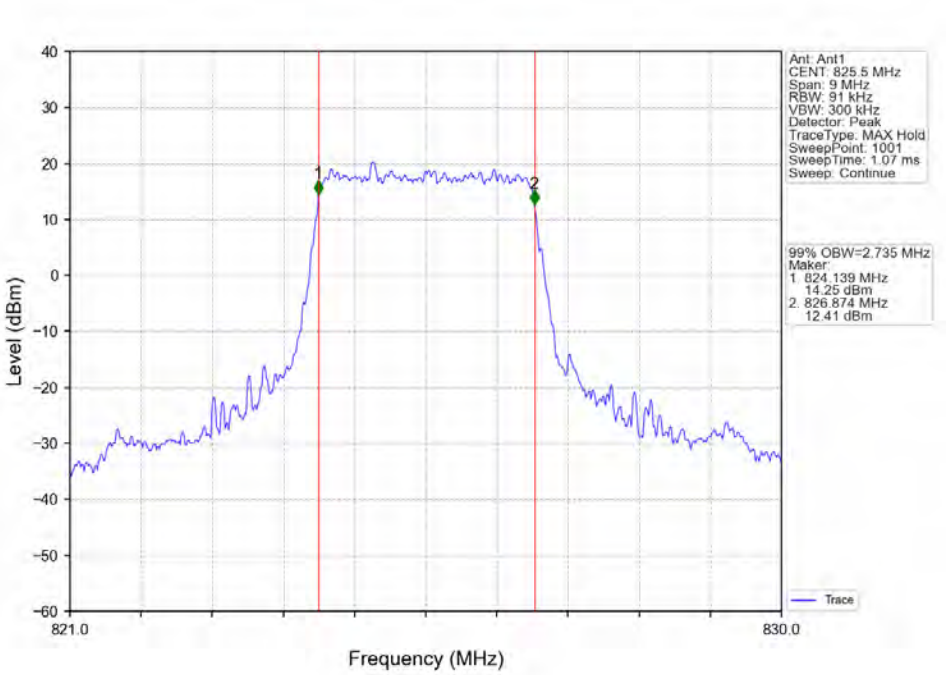

Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



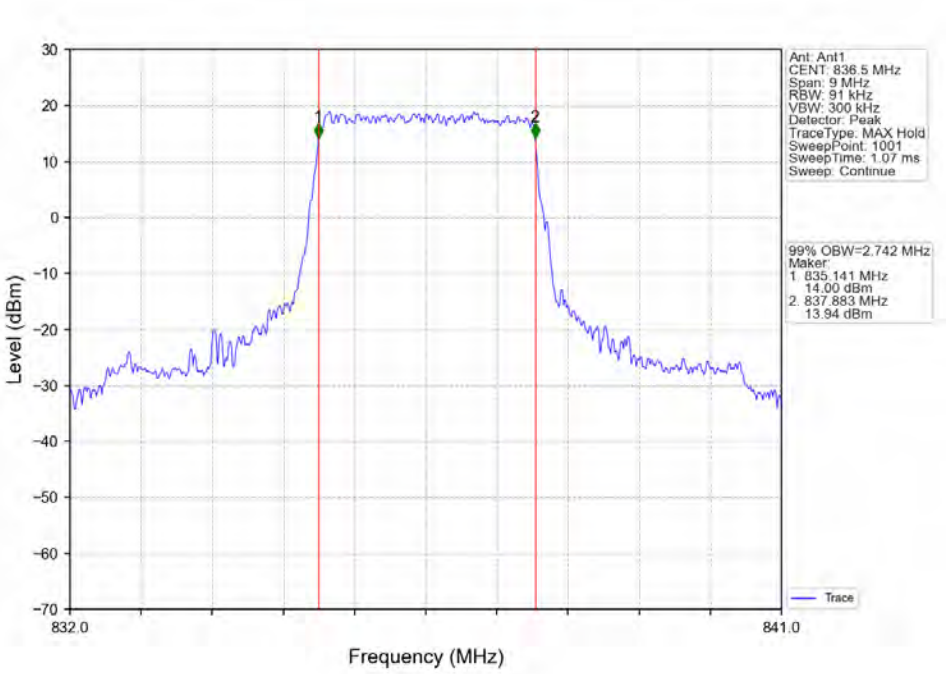
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



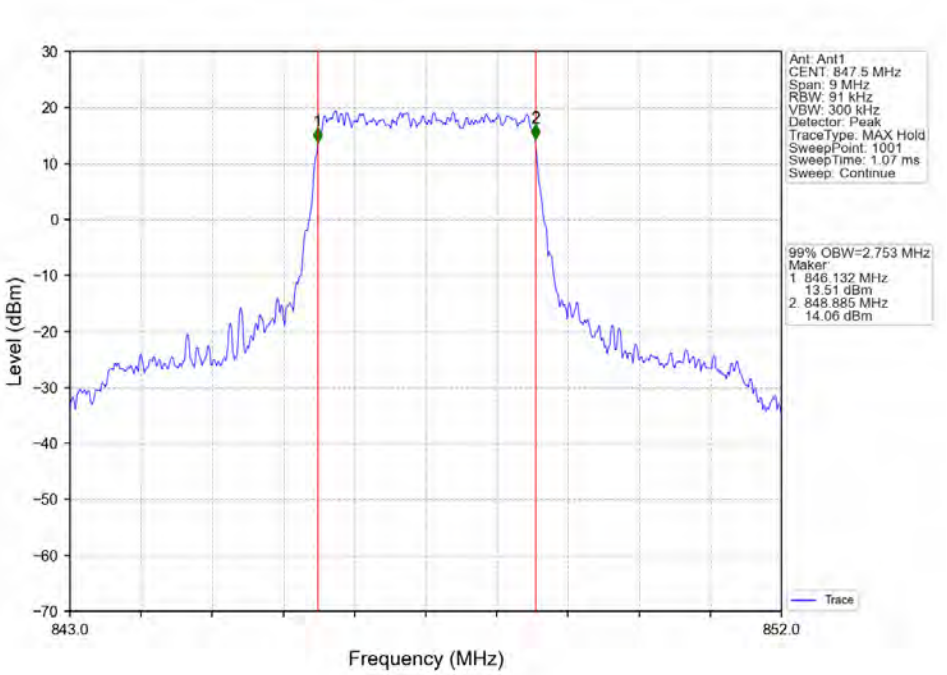

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



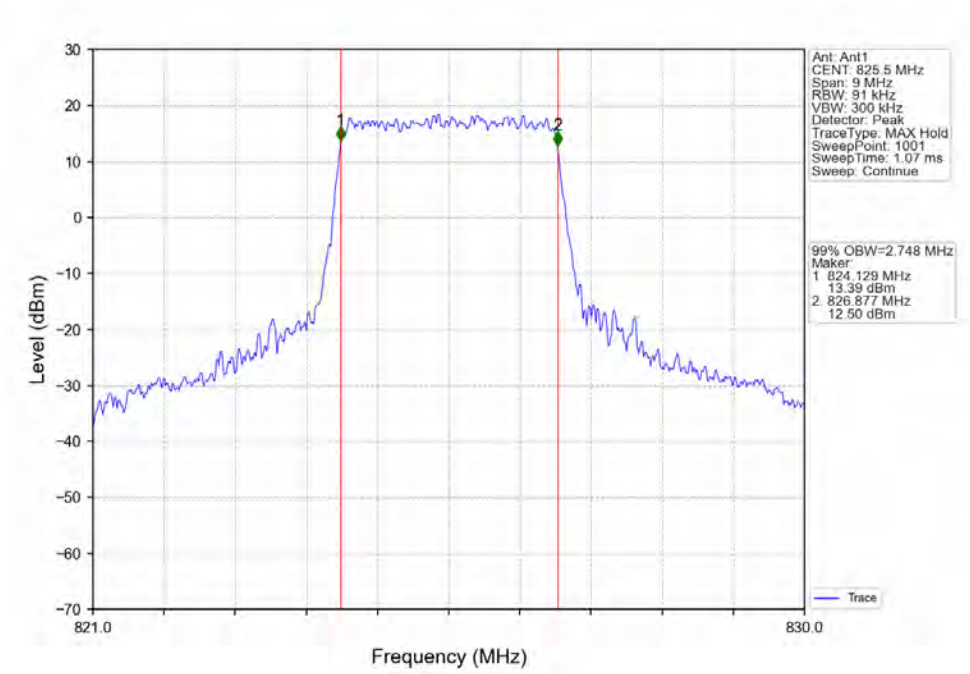
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



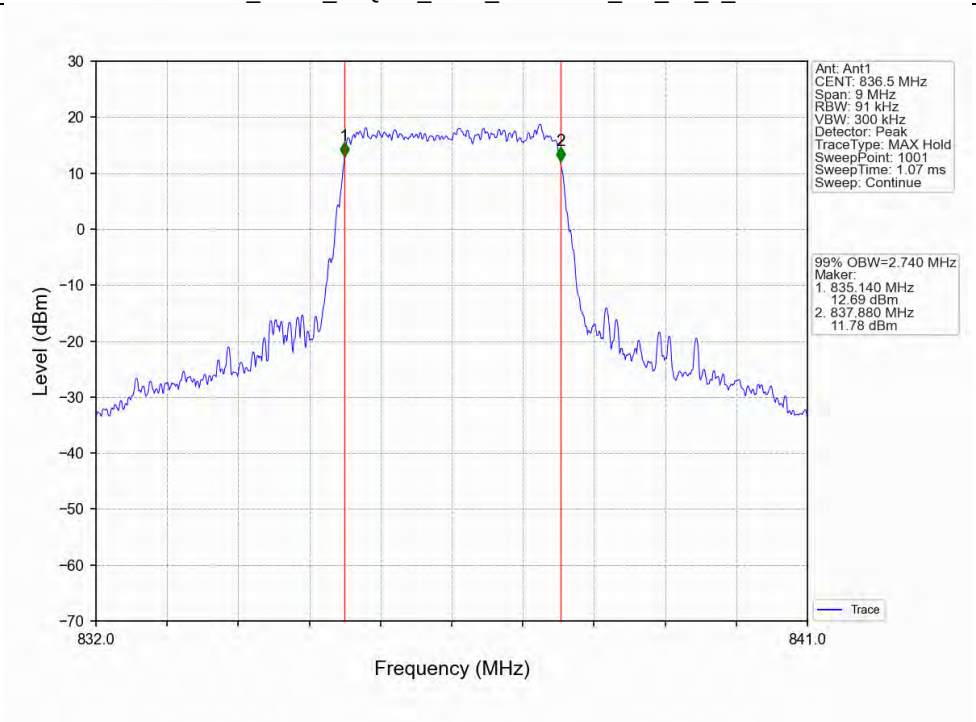

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



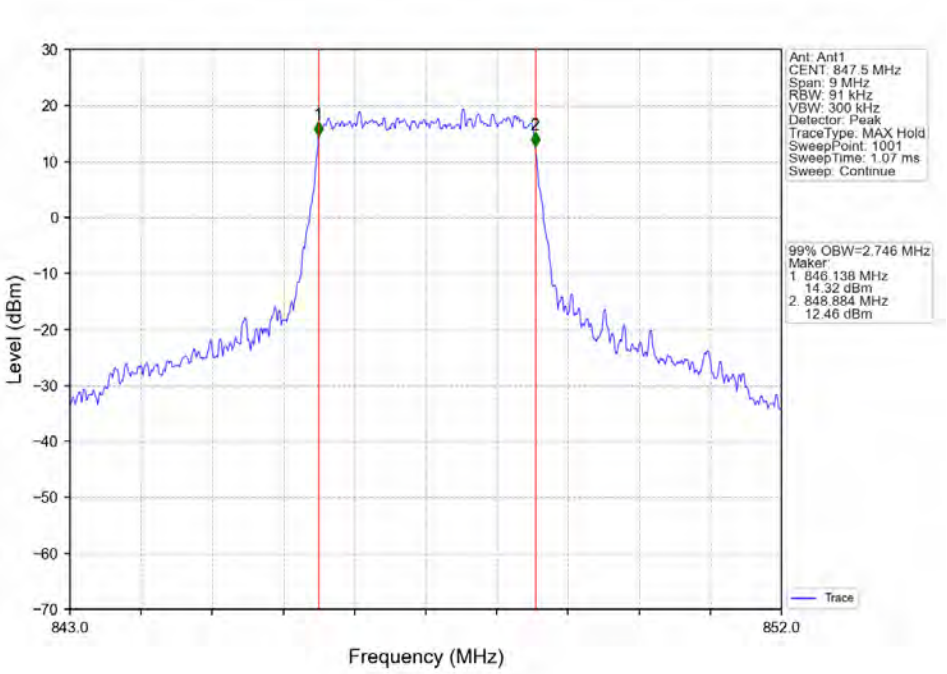
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



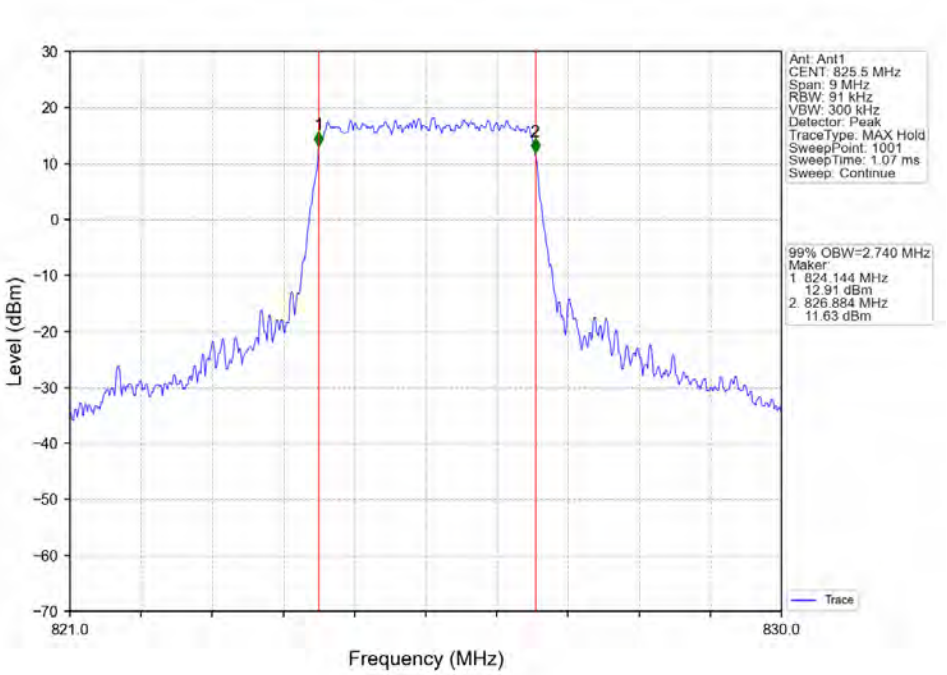

Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



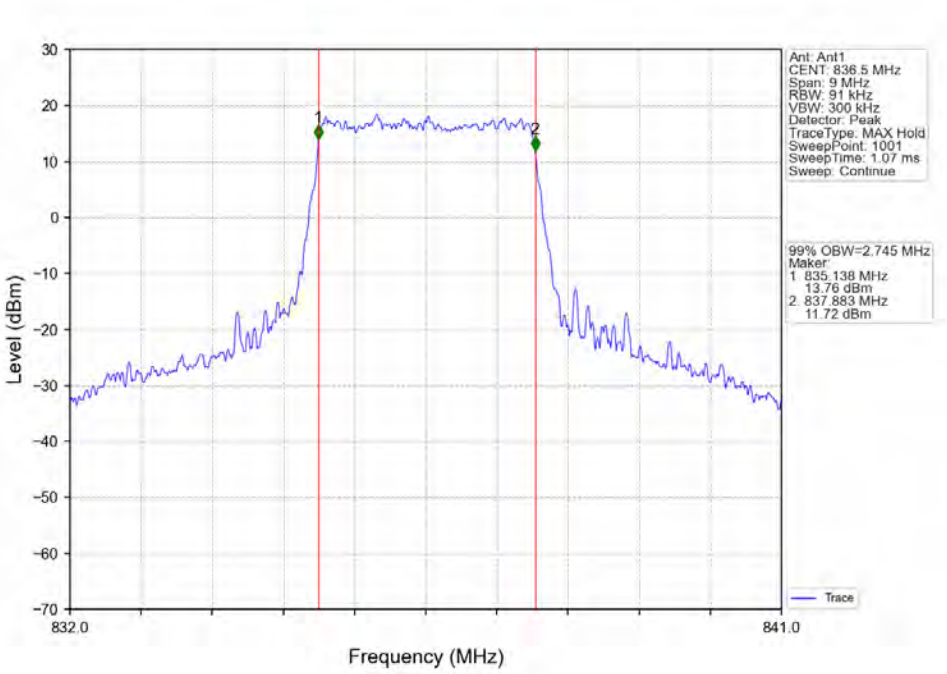
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



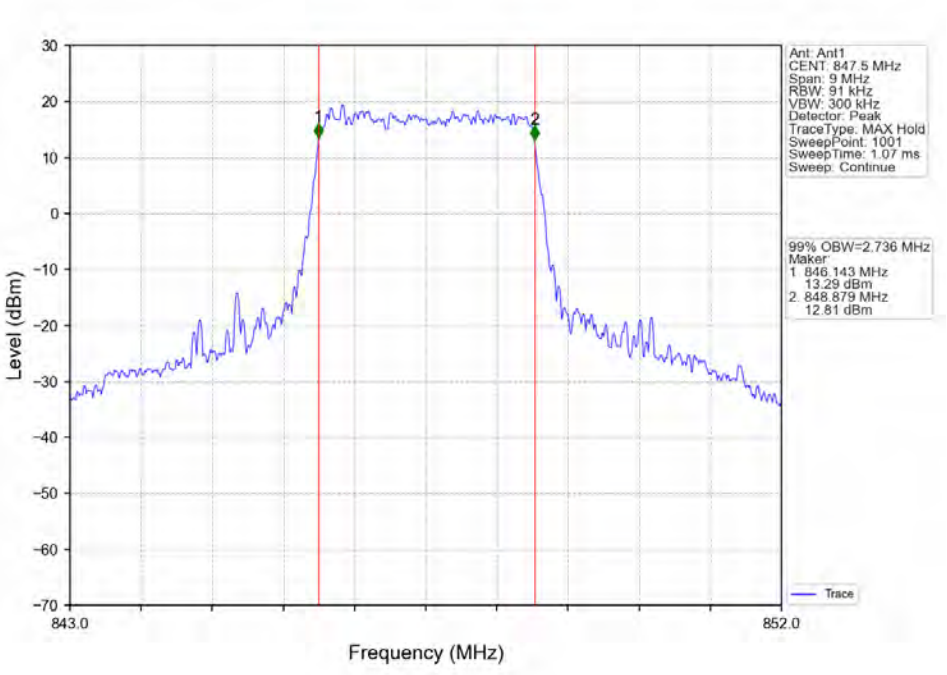

Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



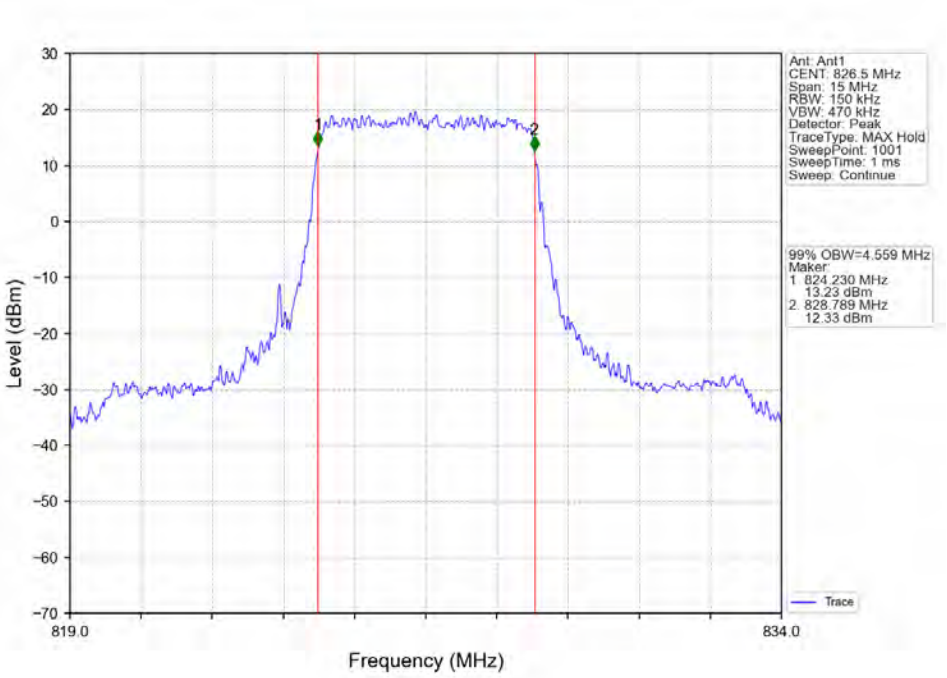
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



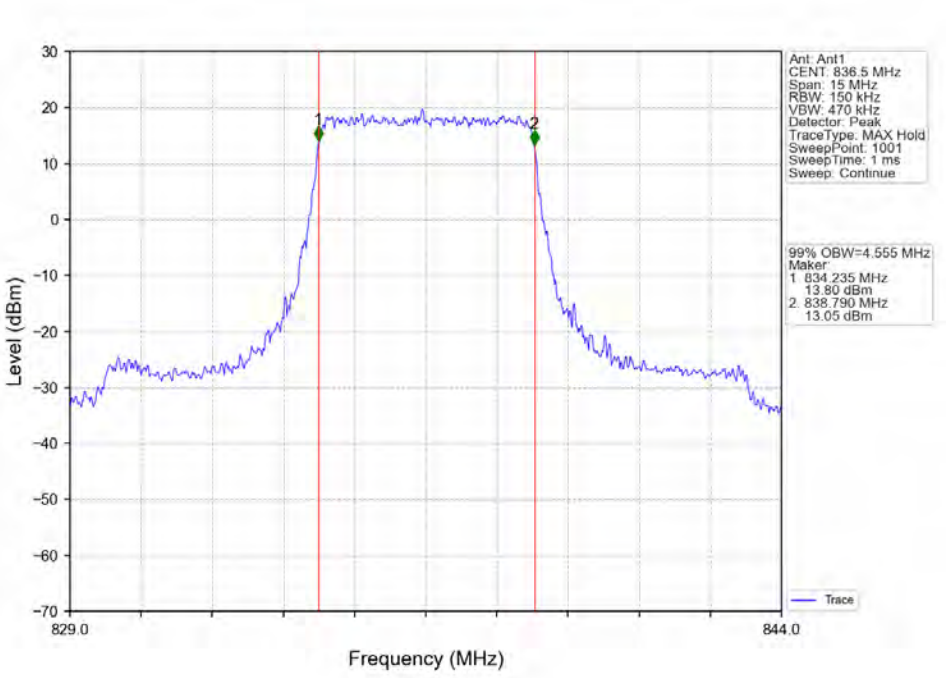

Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



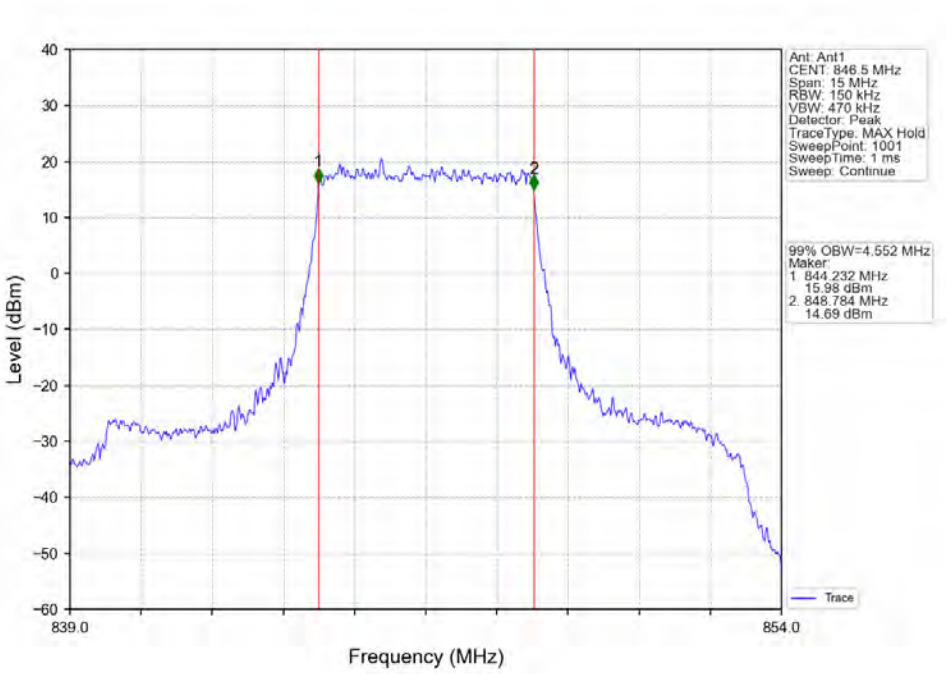
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



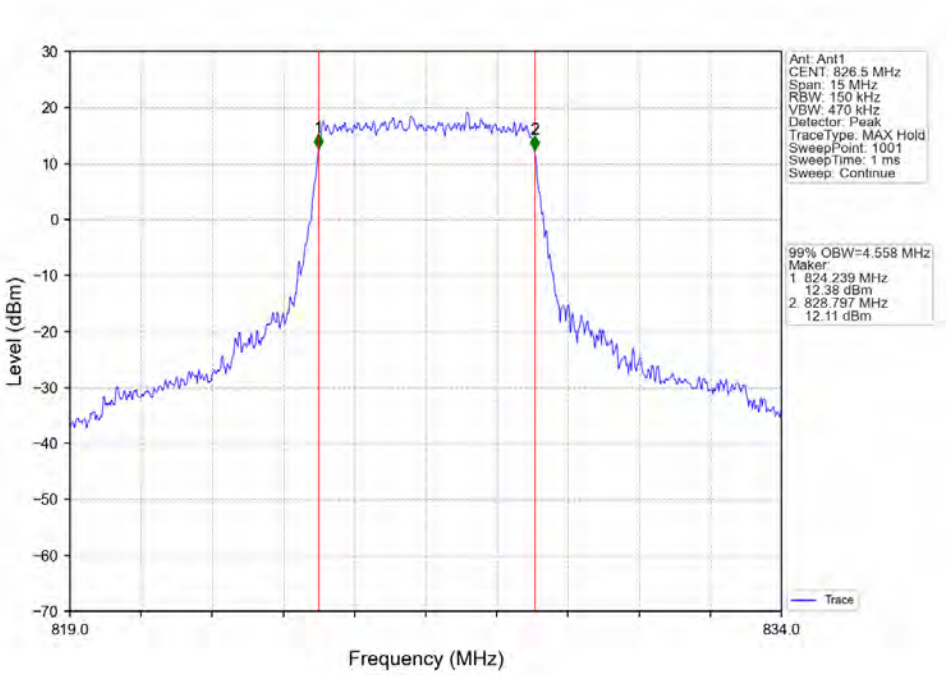

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



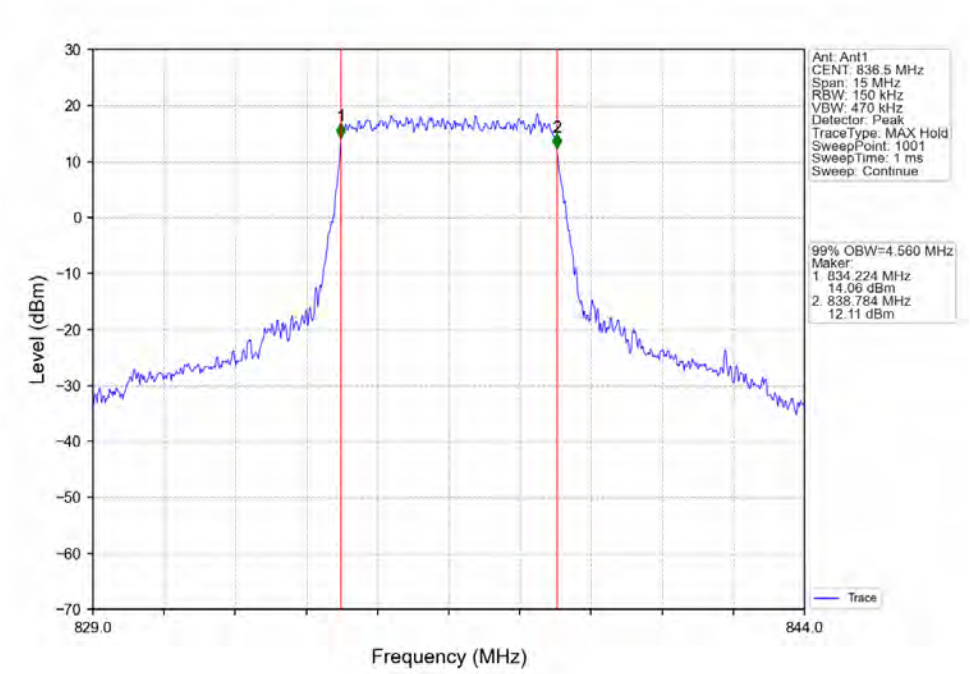
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



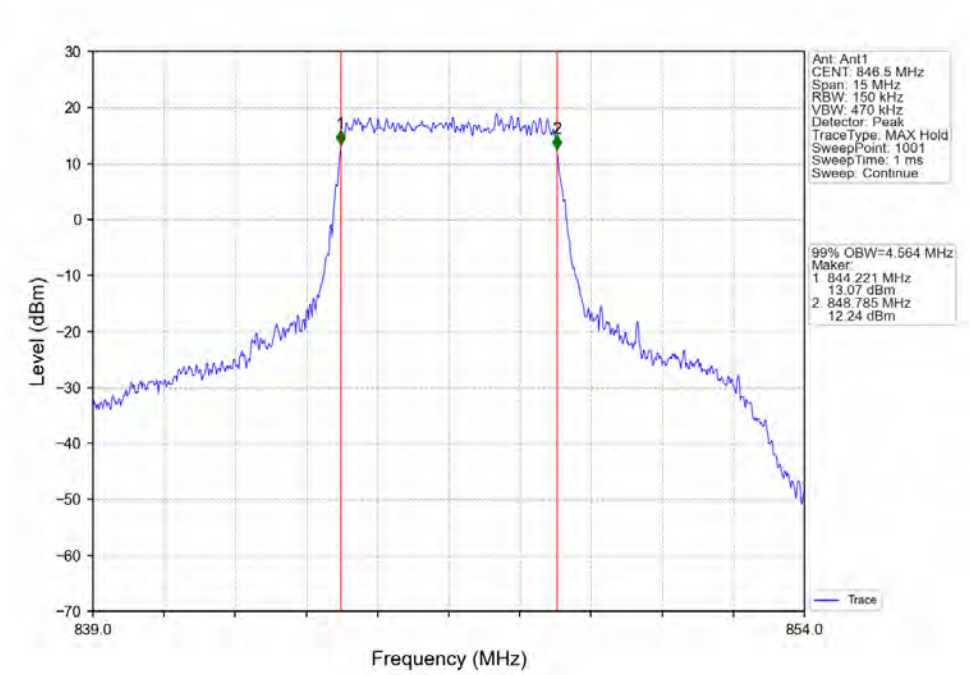

Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



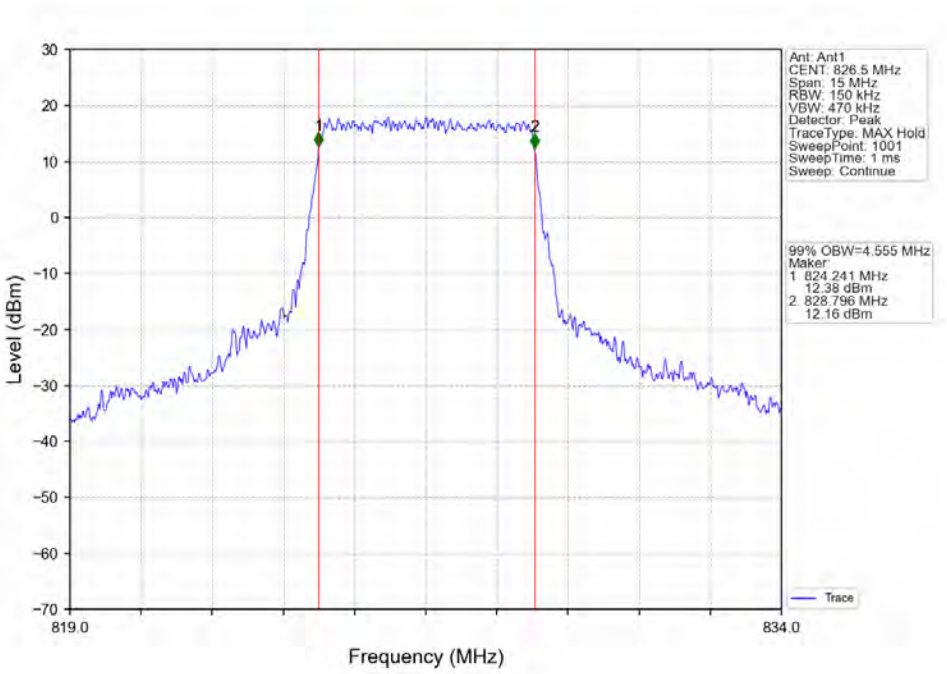
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



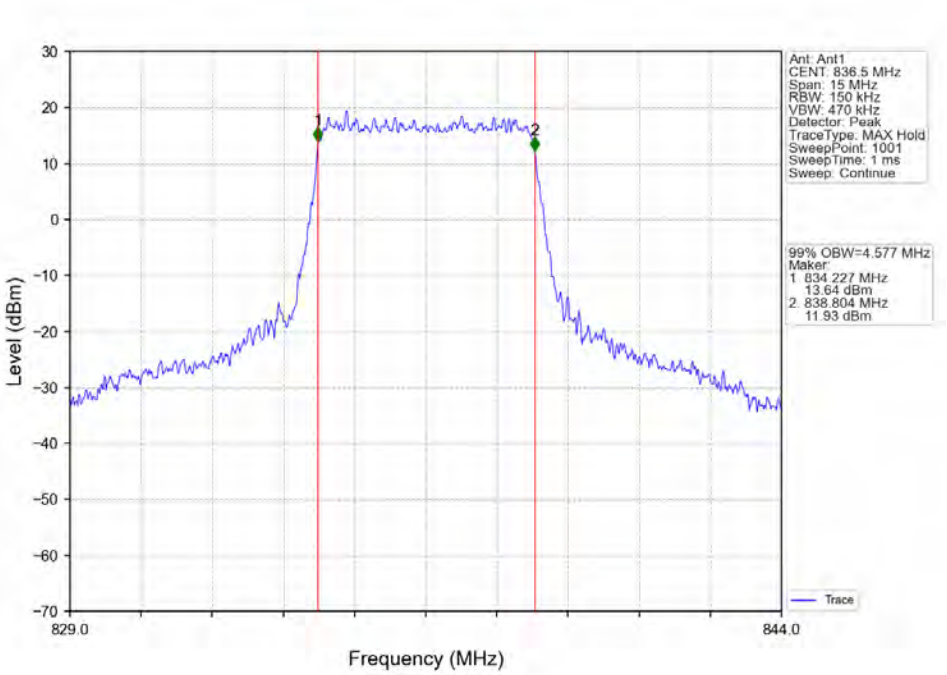

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



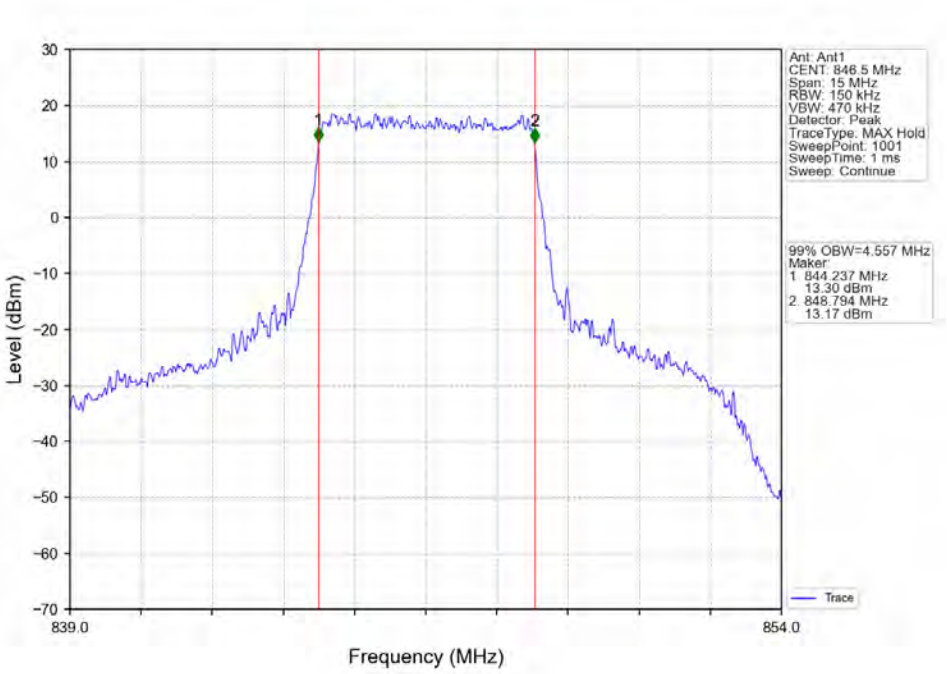
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



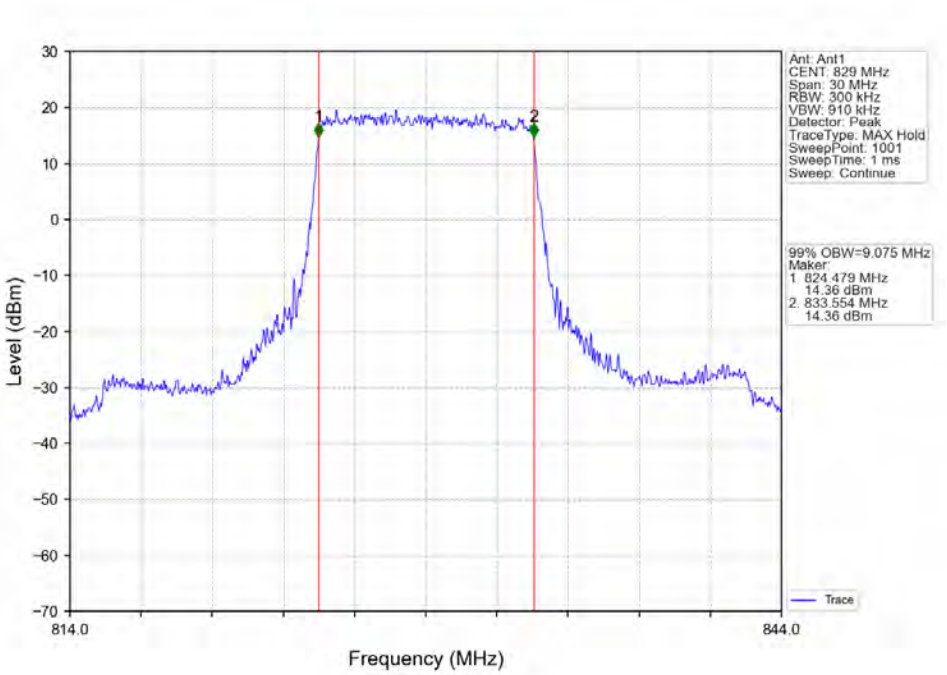

Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



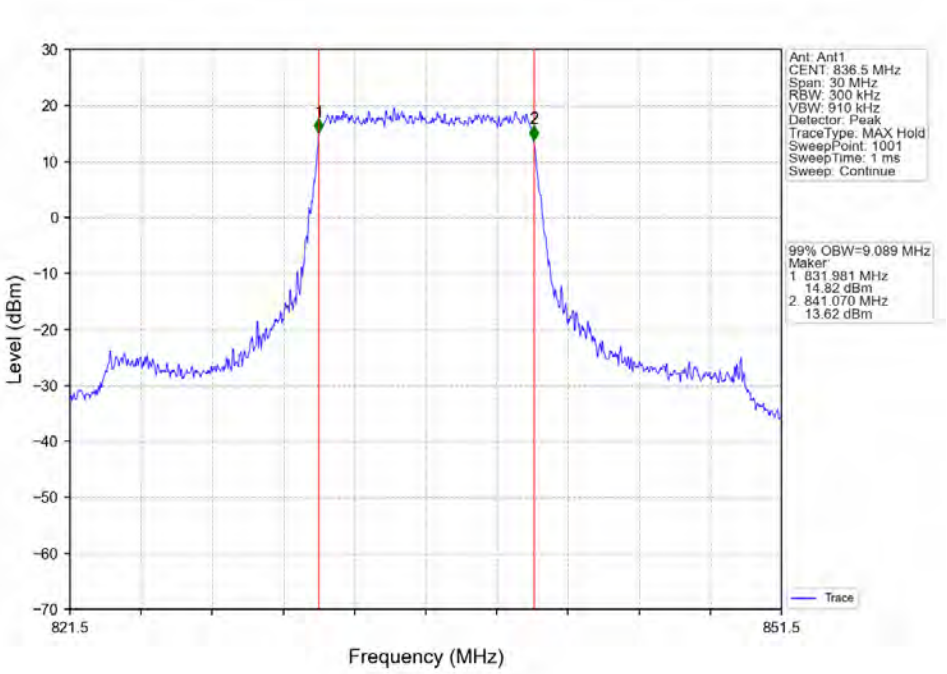
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



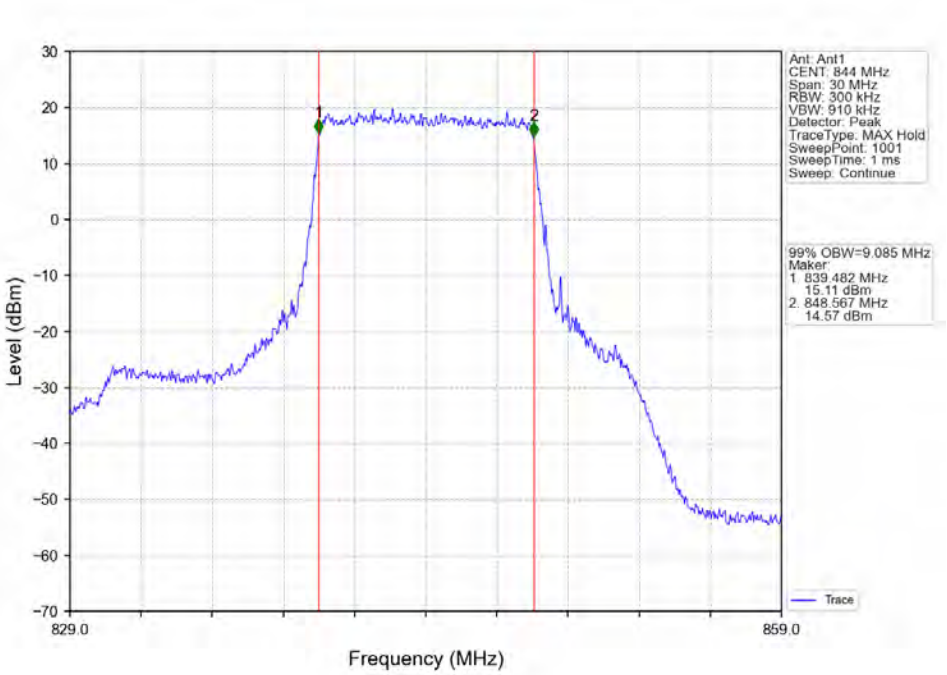

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



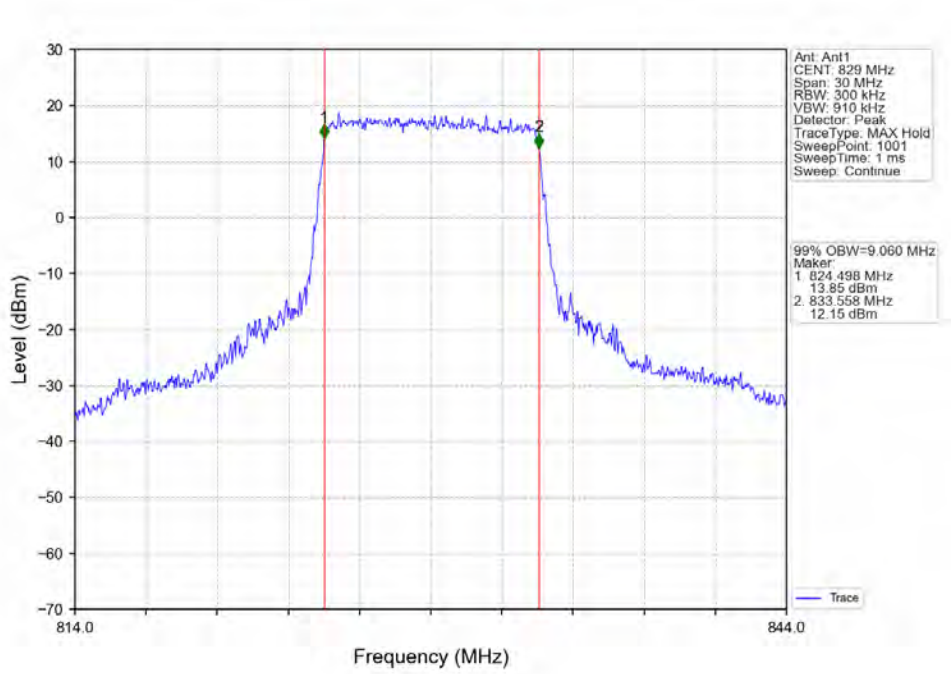
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



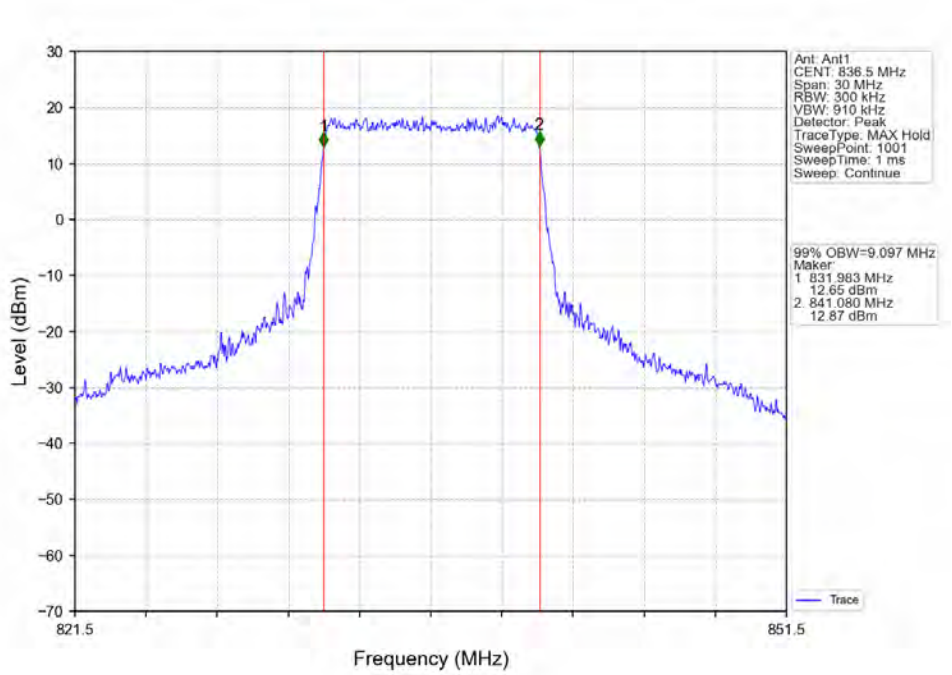

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



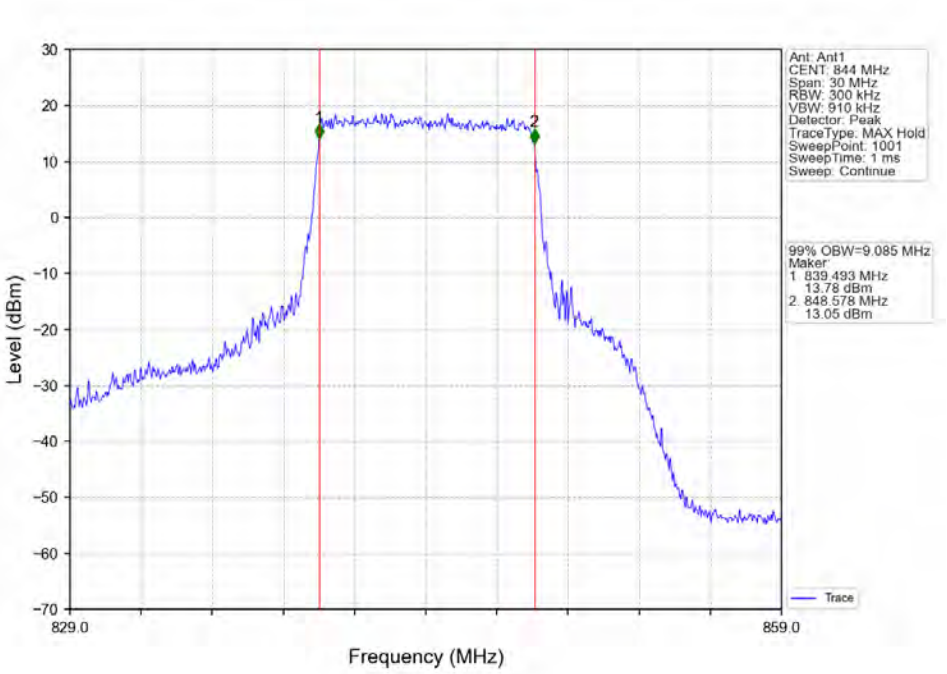
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



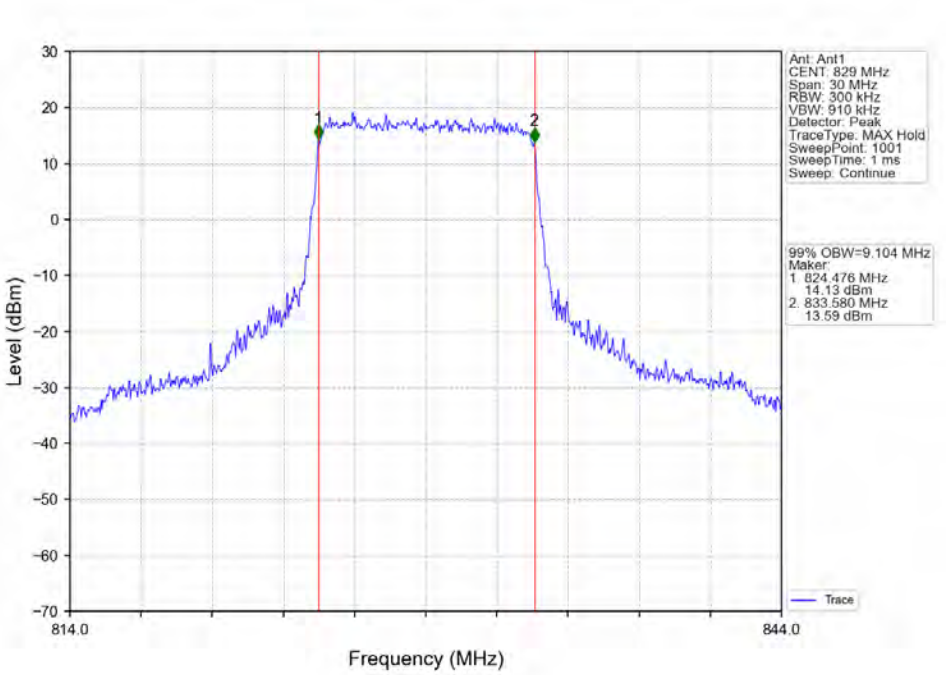

Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



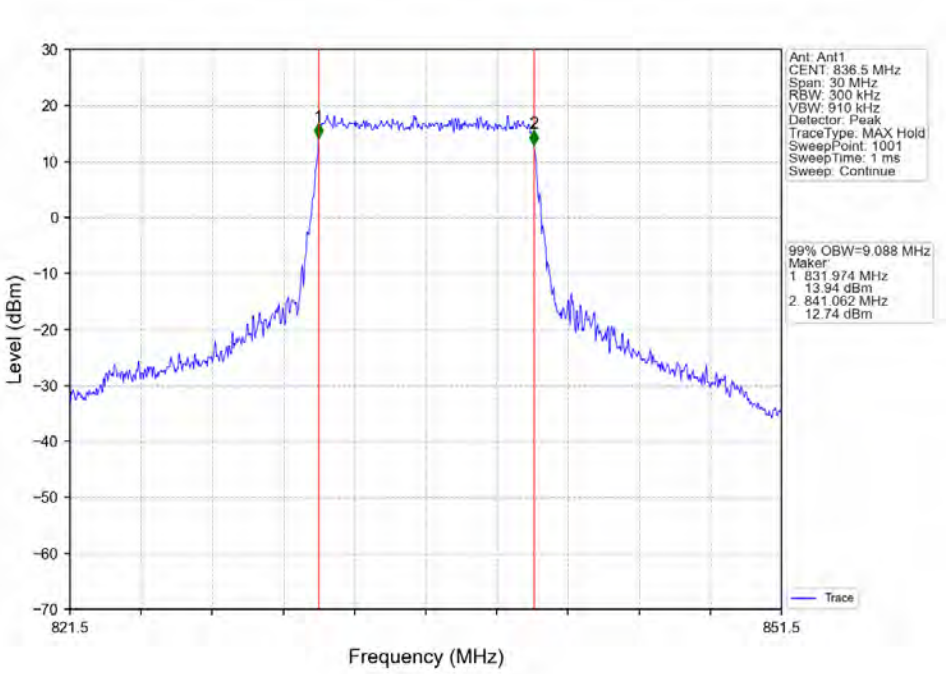
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



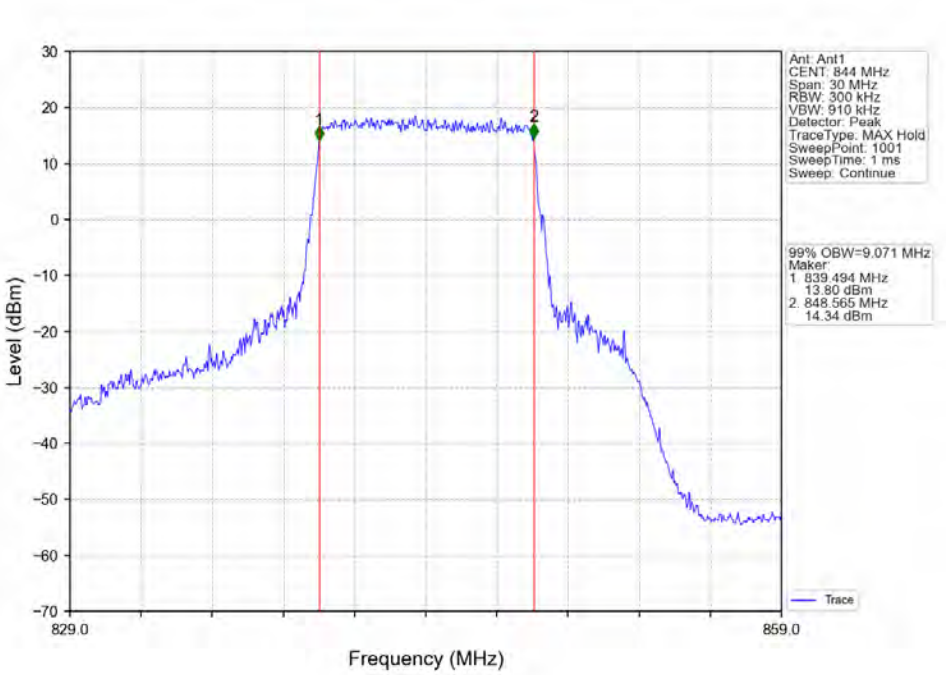

Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV




Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



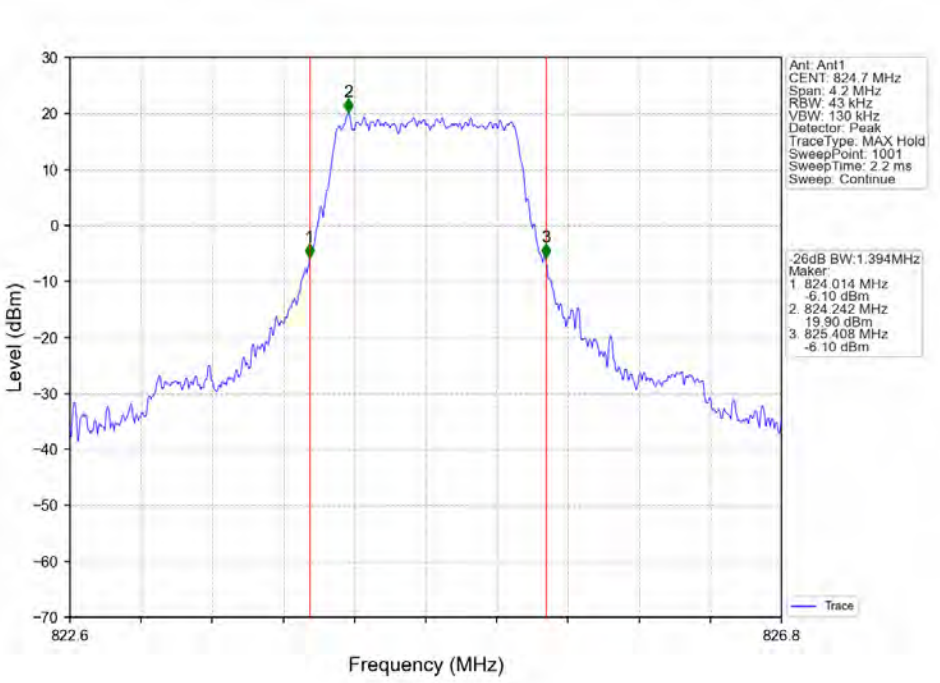
## 3.2 Band5_XDB

### 3.2.1 Test Result

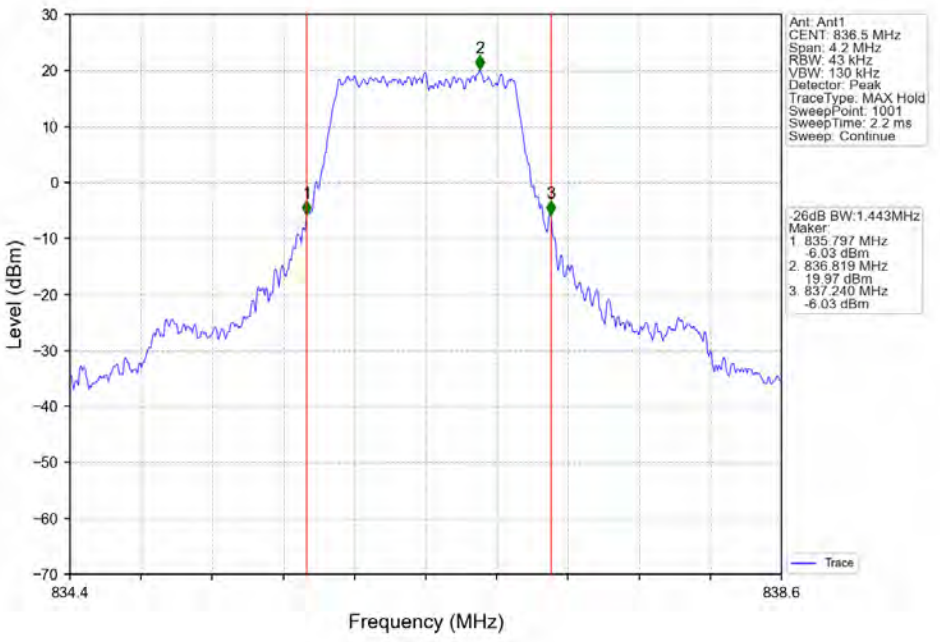
| Band: 5 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 1.4 | QPSK | 824.7 | 6 | 0 | 1.394 | / | Pass |
| | | 836.5 | 6 | 0 | 1.443 | / | Pass |
| | | 848.3 | 6 | 0 | 1.419 | / | Pass |
| | 16QAM | 824.7 | 6 | 0 | 1.422 | / | Pass |
| | | 836.5 | 6 | 0 | 1.431 | / | Pass |
| | | 848.3 | 6 | 0 | 1.405 | / | Pass |
| | 64QAM | 824.7 | 6 | 0 | 1.376 | / | Pass |
| | | 836.5 | 6 | 0 | 1.370 | / | Pass |
| | | 848.3 | 6 | 0 | 1.375 | / | Pass |
| 3 | QPSK | 825.5 | 15 | 0 | 3.125 | / | Pass |
| | | 836.5 | 15 | 0 | 3.134 | / | Pass |
| | | 847.5 | 15 | 0 | 3.151 | / | Pass |
| | 16QAM | 825.5 | 15 | 0 | 3.115 | / | Pass |
| | | 836.5 | 15 | 0 | 3.130 | / | Pass |
| | | 847.5 | 15 | 0 | 3.124 | / | Pass |
| | 64QAM | 825.5 | 15 | 0 | 3.119 | / | Pass |
| | | 836.5 | 15 | 0 | 3.133 | / | Pass |
| | | 847.5 | 15 | 0 | 3.088 | / | Pass |
| 5 | QPSK | 826.5 | 25 | 0 | 5.182 | / | Pass |
| | | 836.5 | 25 | 0 | 5.240 | / | Pass |
| | | 846.5 | 25 | 0 | 5.205 | / | Pass |
| | 16QAM | 826.5 | 25 | 0 | 5.199 | / | Pass |
| | | 836.5 | 25 | 0 | 5.224 | / | Pass |
| | | 846.5 | 25 | 0 | 5.186 | / | Pass |
| | 64QAM | 826.5 | 25 | 0 | 5.238 | / | Pass |
| | | 836.5 | 25 | 0 | 5.214 | / | Pass |
| | | 846.5 | 25 | 0 | 5.230 | / | Pass |
| 10 | QPSK | 829 | 50 | 0 | 10.172 | / | Pass |
| | | 836.5 | 50 | 0 | 10.237 | / | Pass |
| | | 844 | 50 | 0 | 10.161 | / | Pass |
| | 16QAM | 829 | 50 | 0 | 10.082 | / | Pass |
| | | 836.5 | 50 | 0 | 10.219 | / | Pass |
| | | 844 | 50 | 0 | 10.250 | / | Pass |
| | 64QAM | 829 | 50 | 0 | 10.078 | / | Pass |
| | | 836.5 | 50 | 0 | 10.182 | / | Pass |
| | | 844 | 50 | 0 | 10.193 | / | Pass |

### 3.2.2 Test Graph

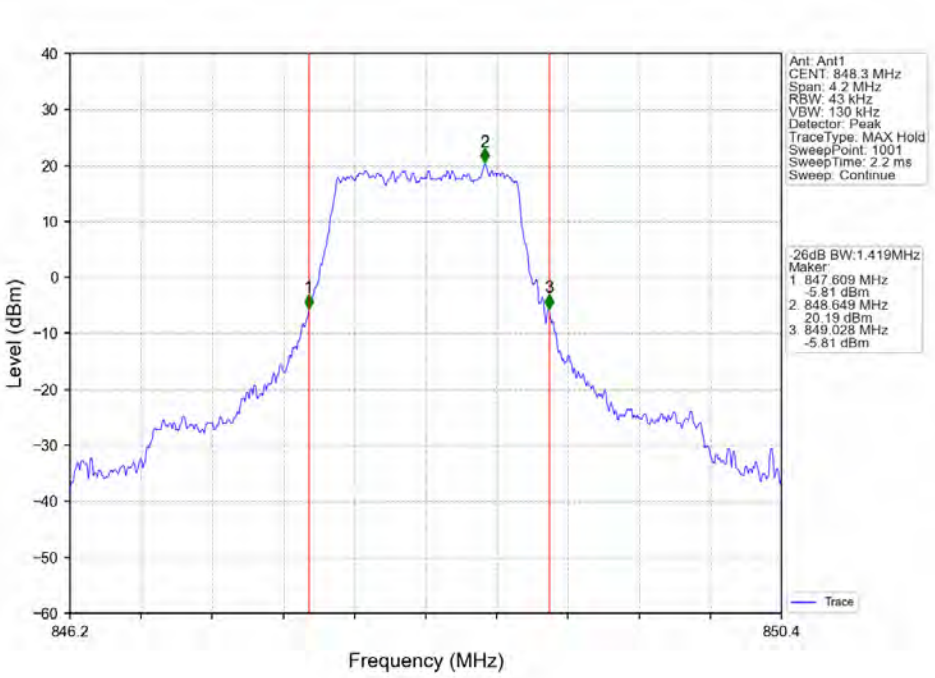
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



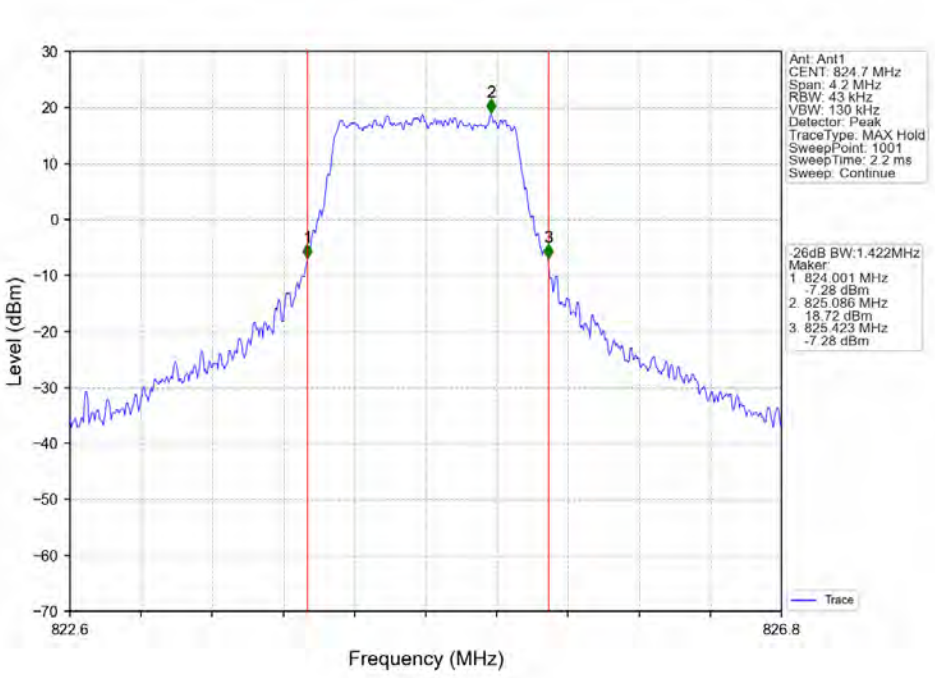

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



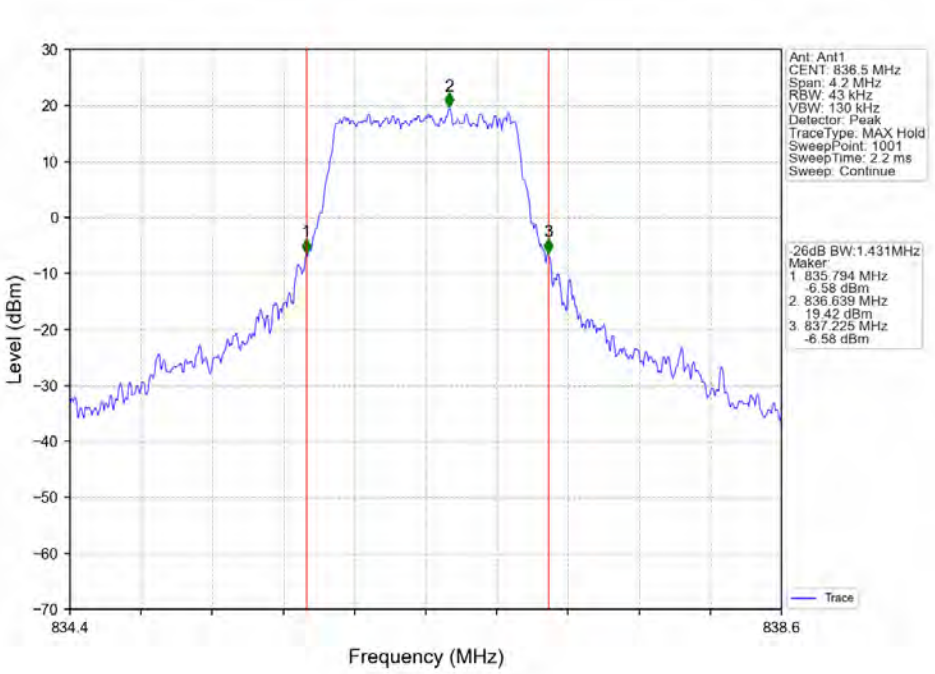
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



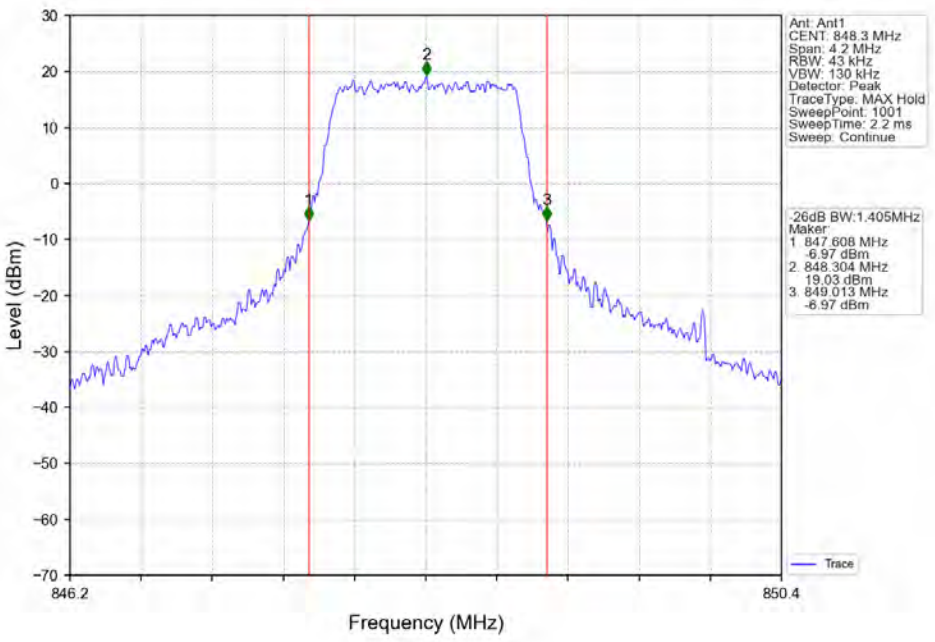

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



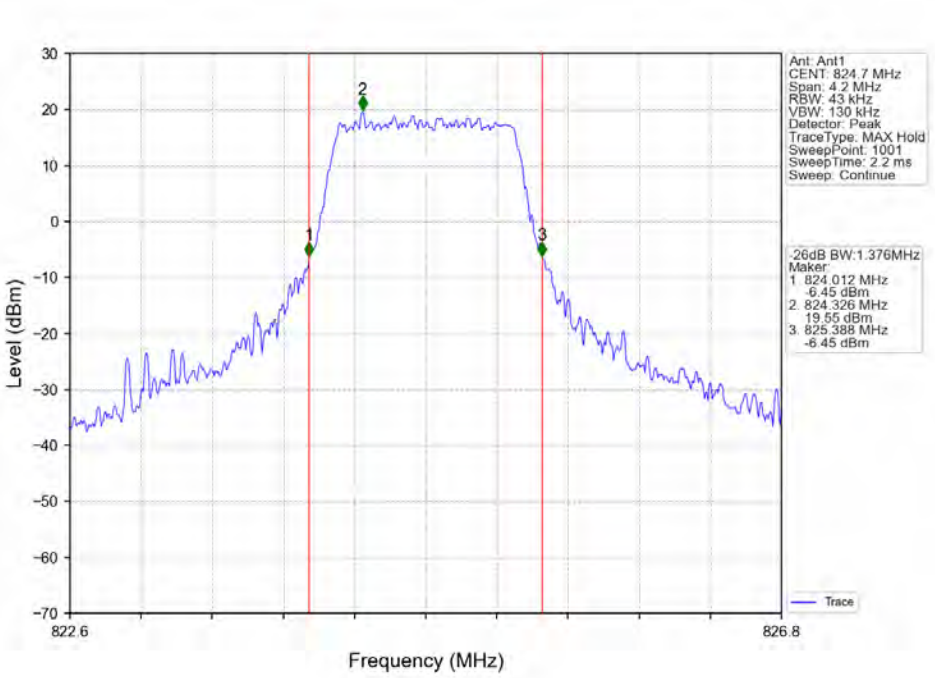
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



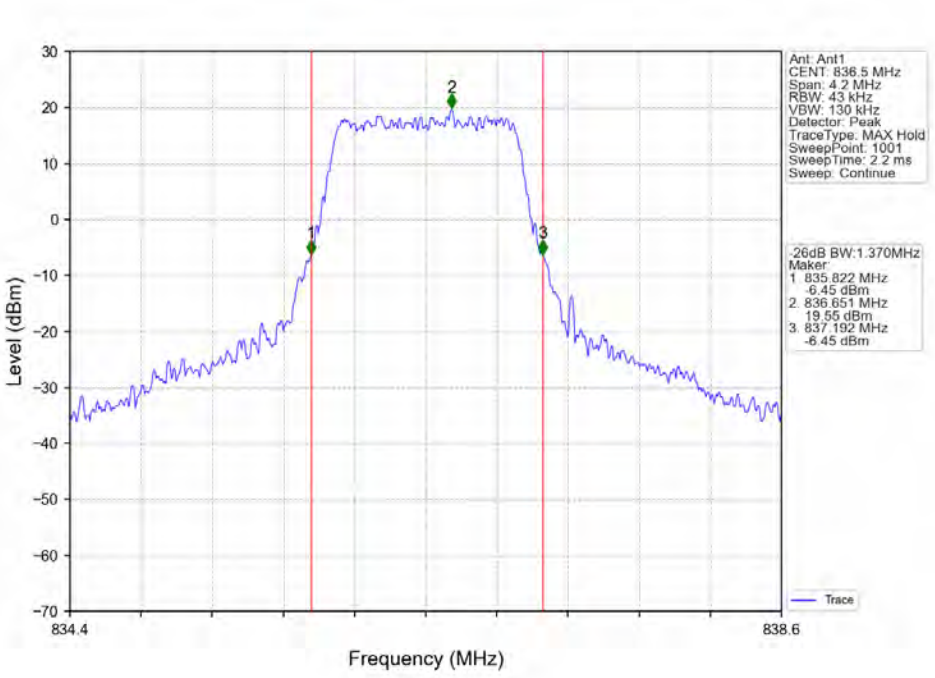

Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



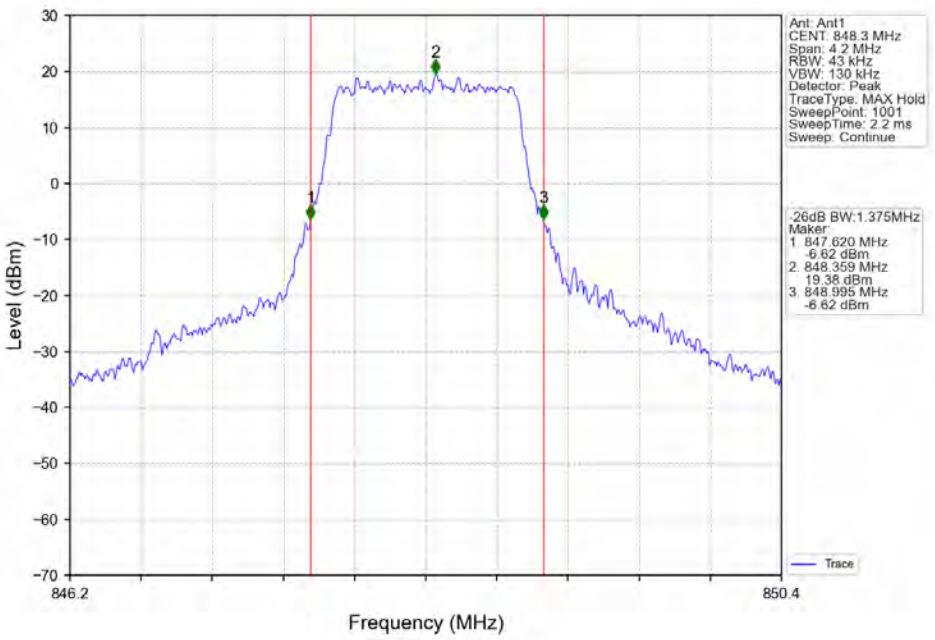
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



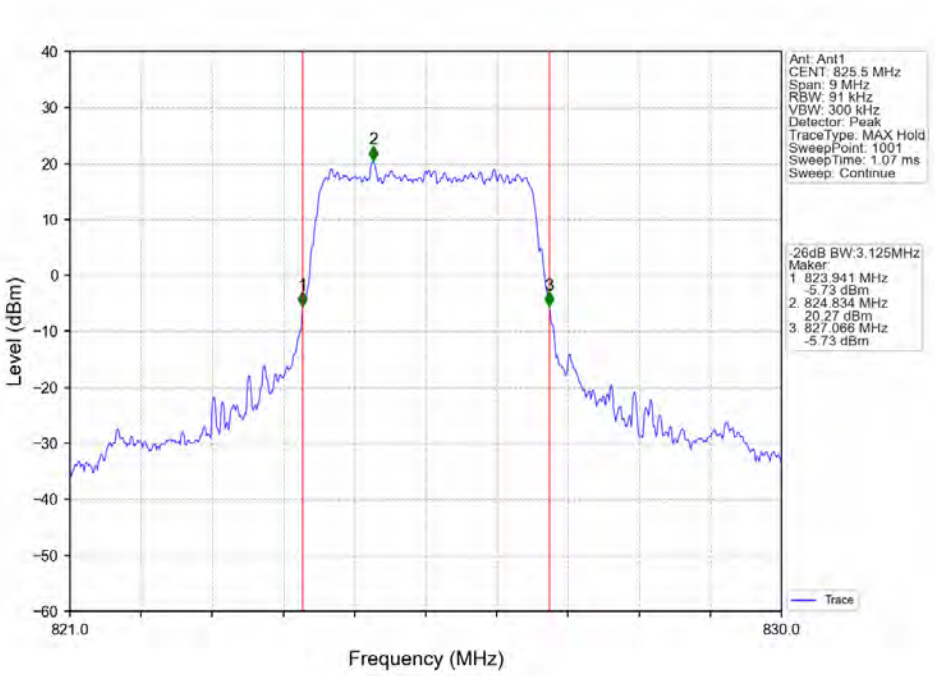

Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



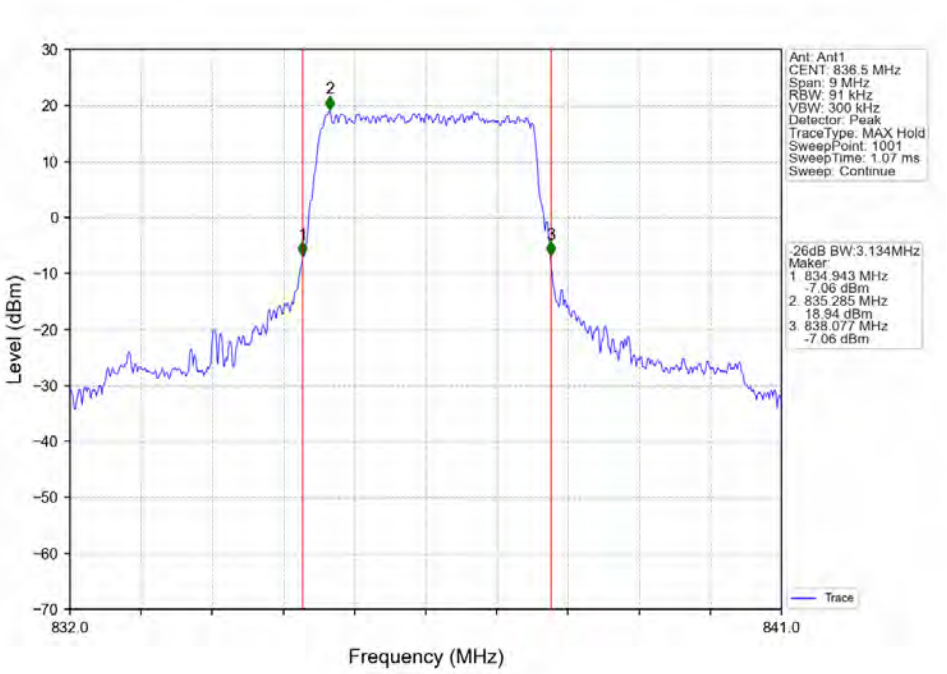
Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



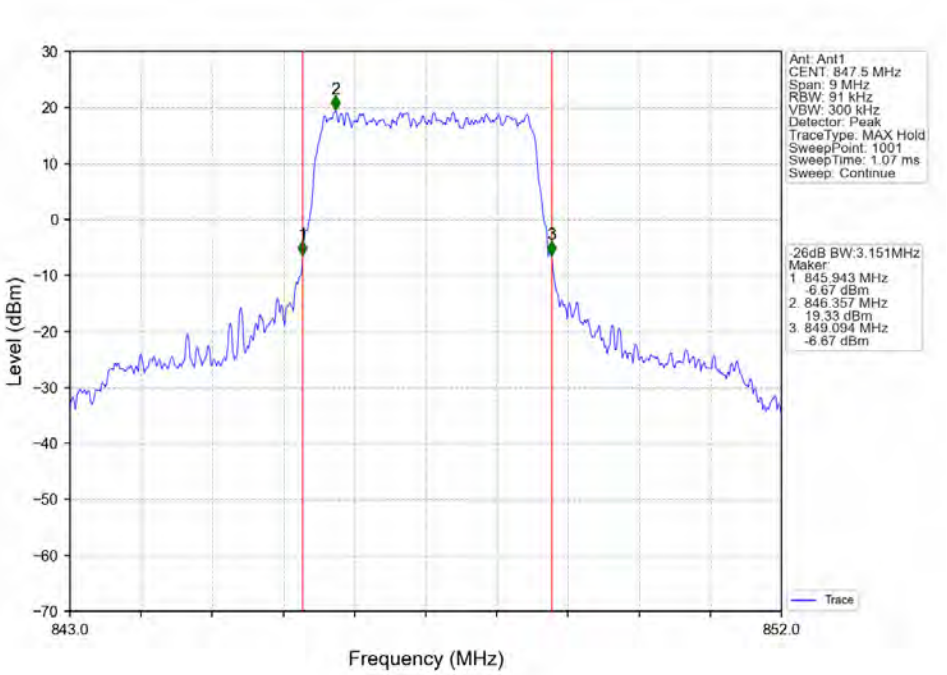

Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



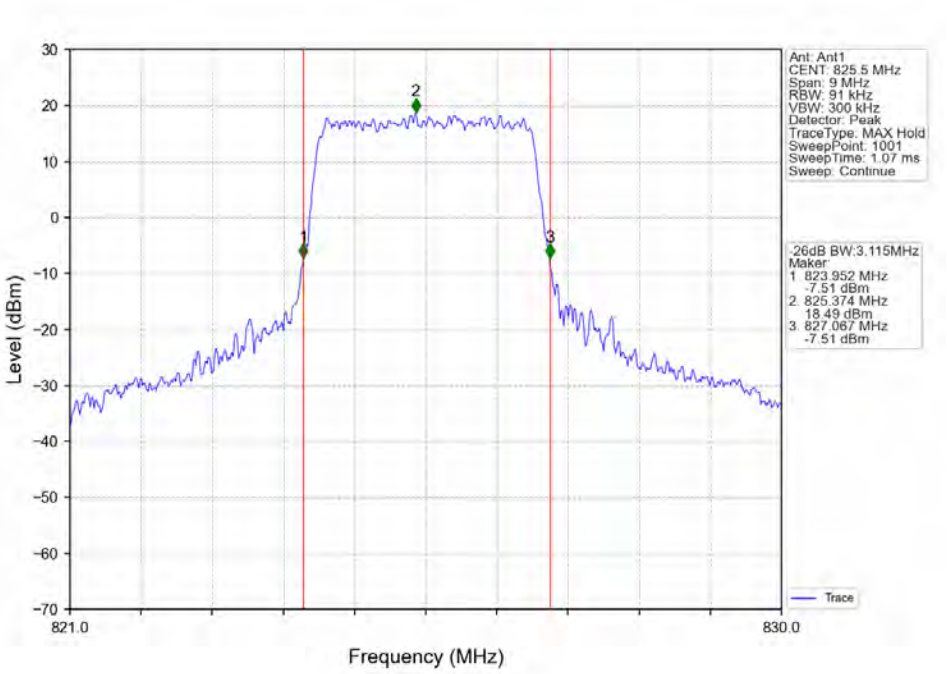
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



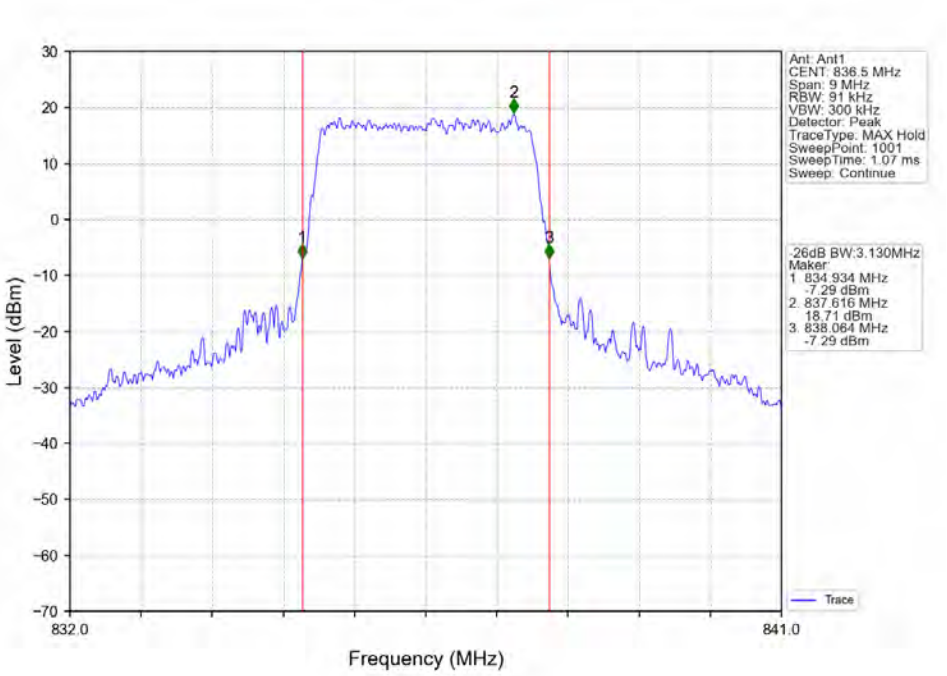

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



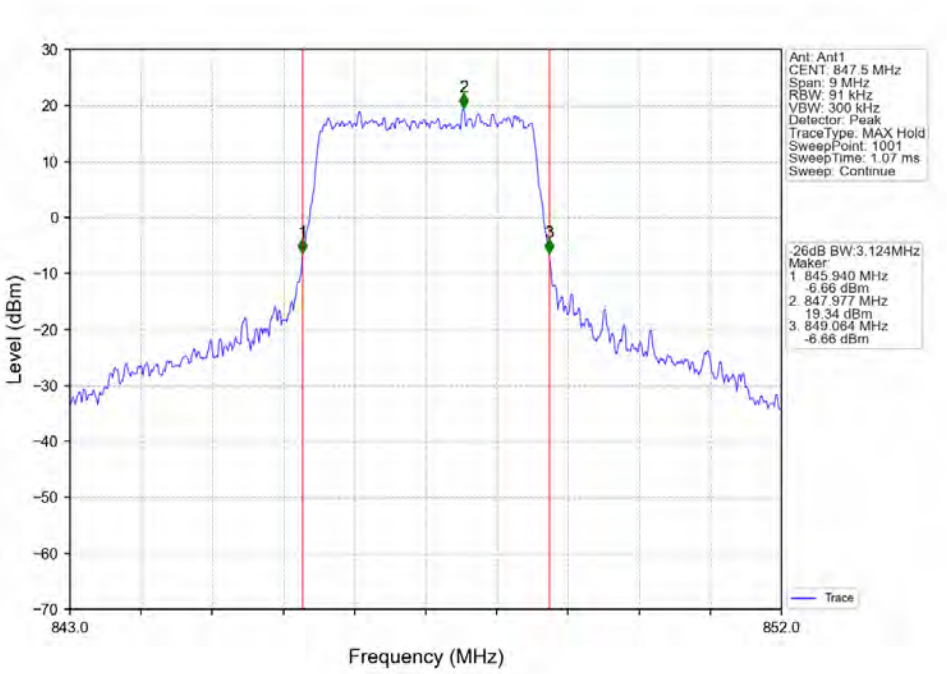
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



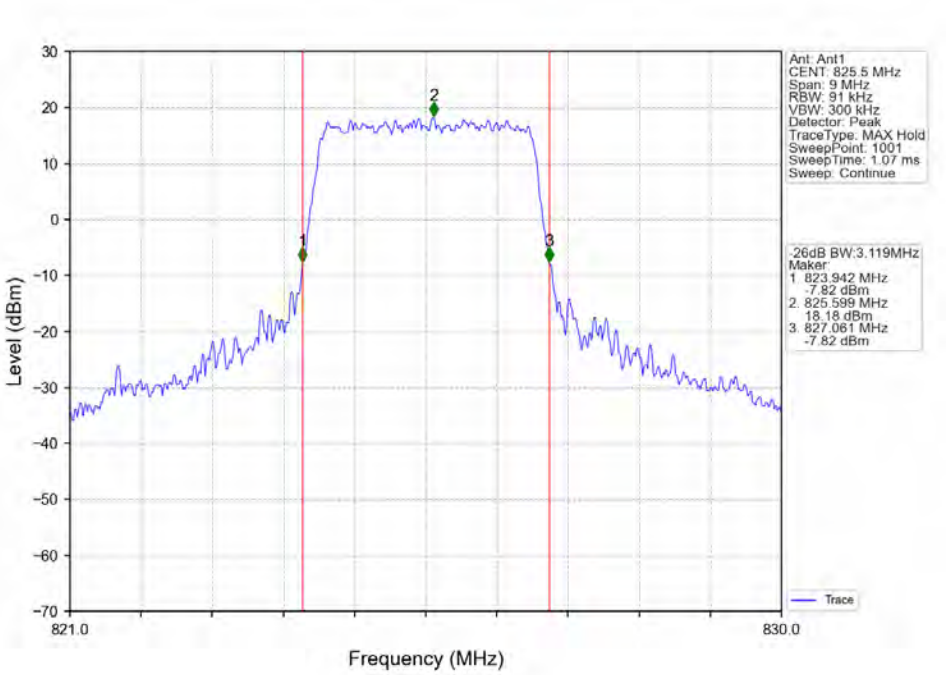

Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



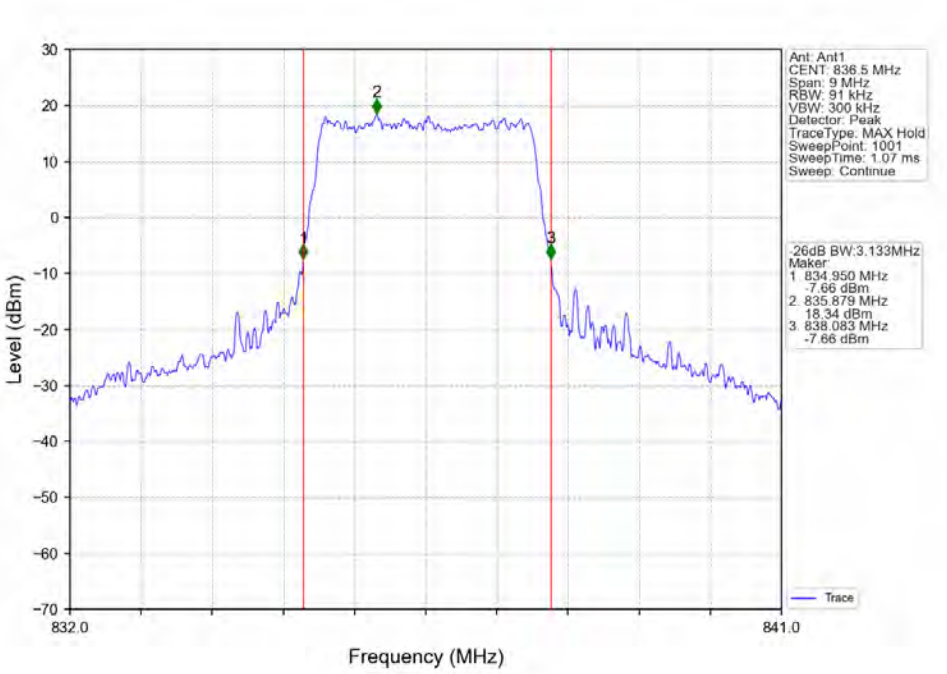
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



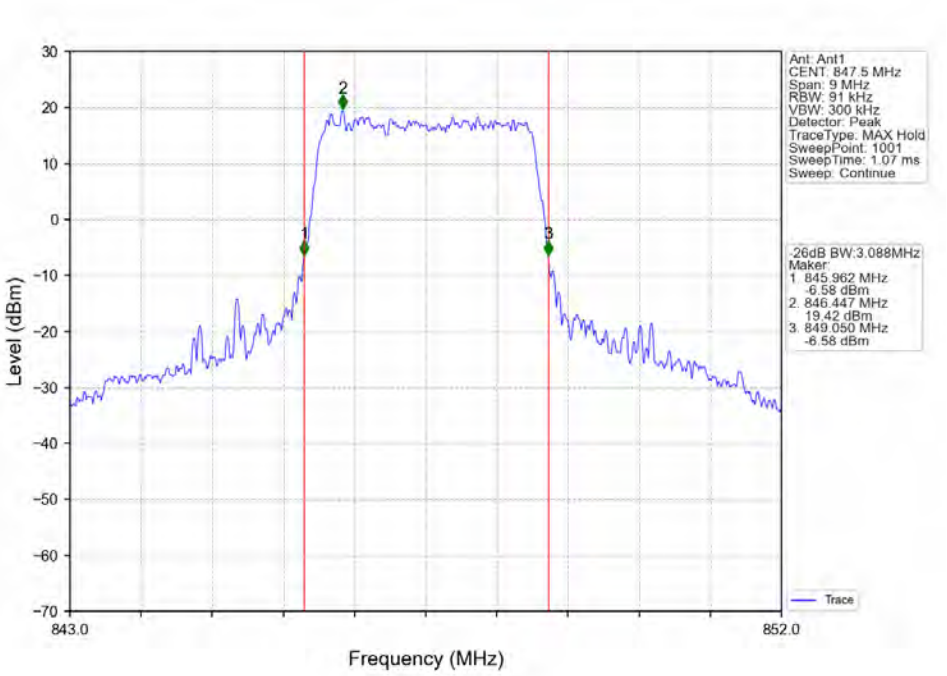

Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



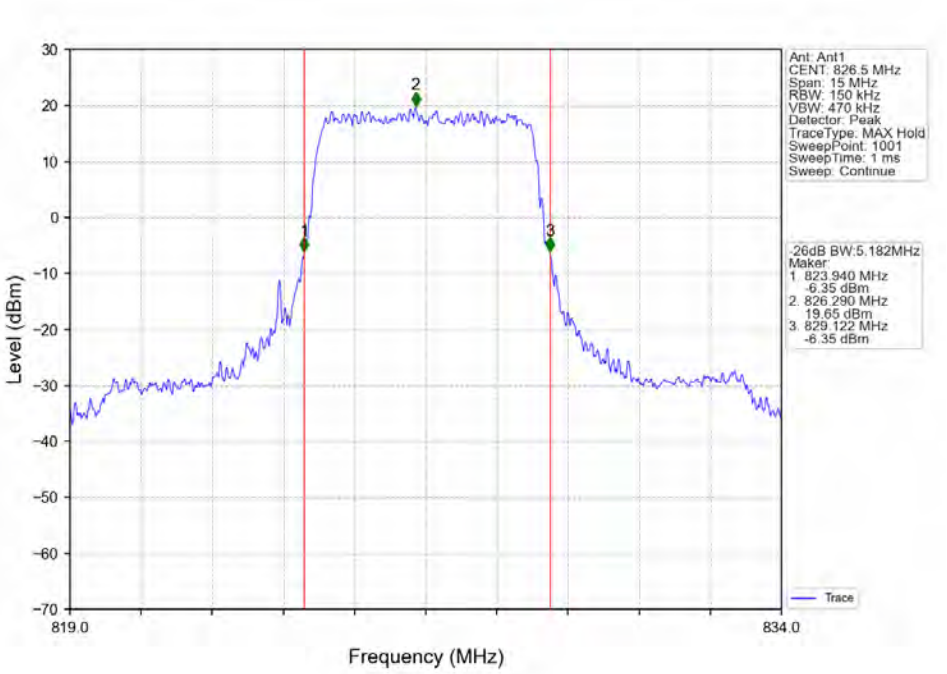
Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



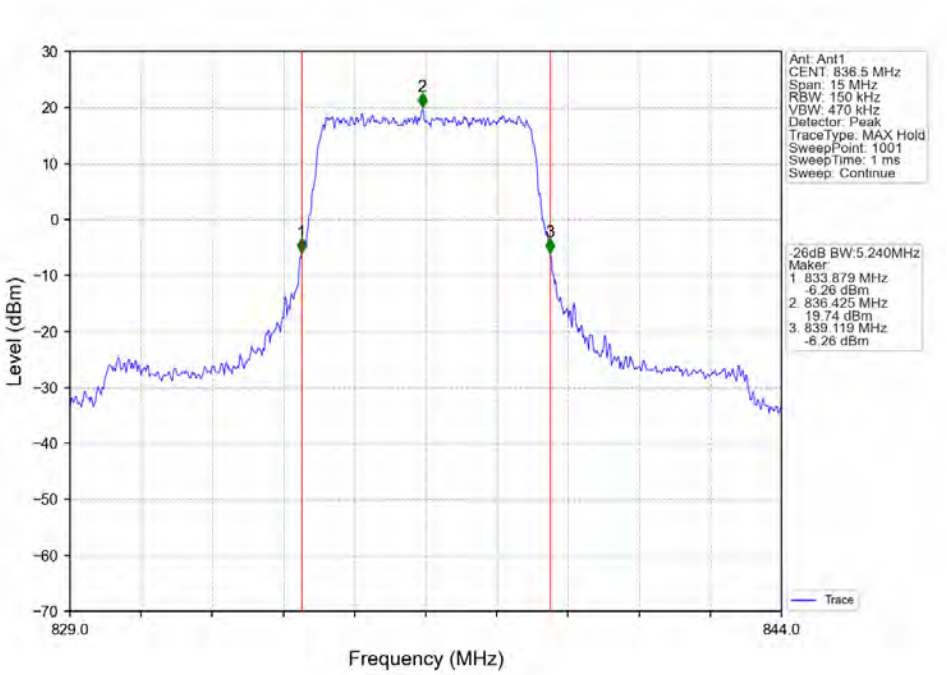

Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



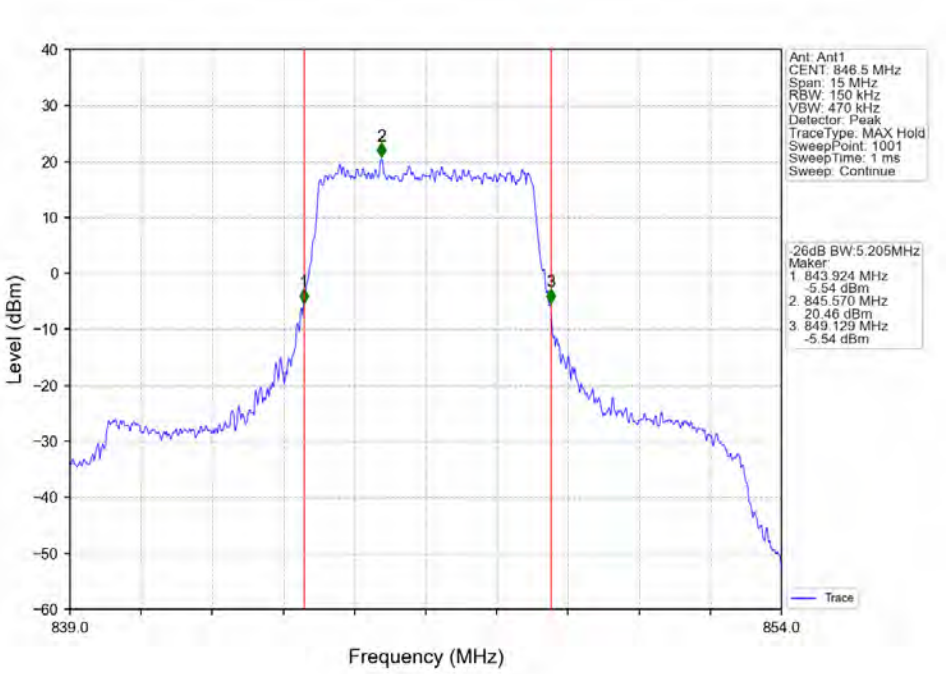
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



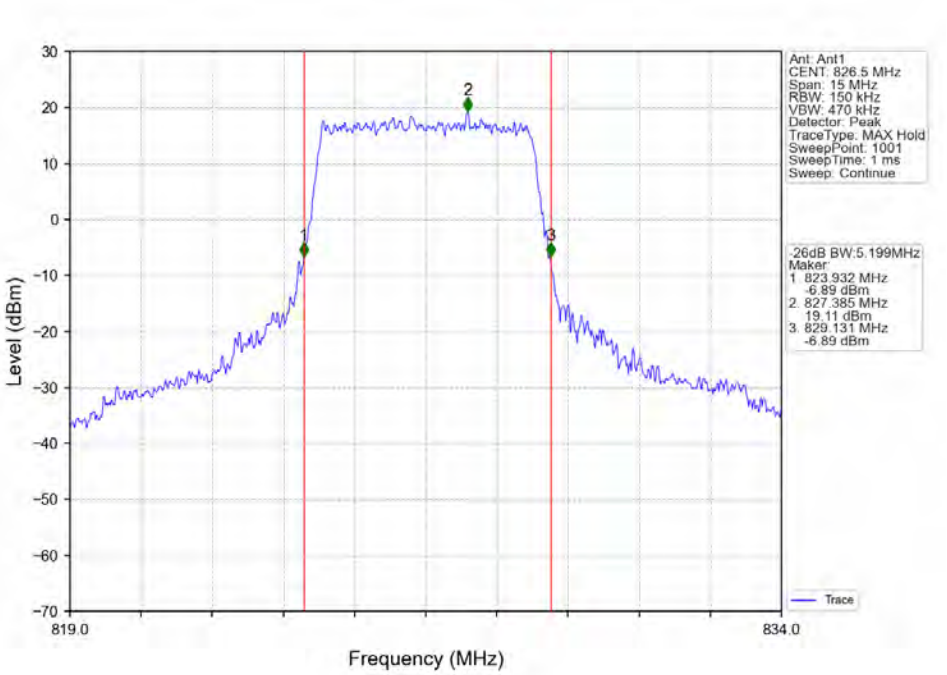

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



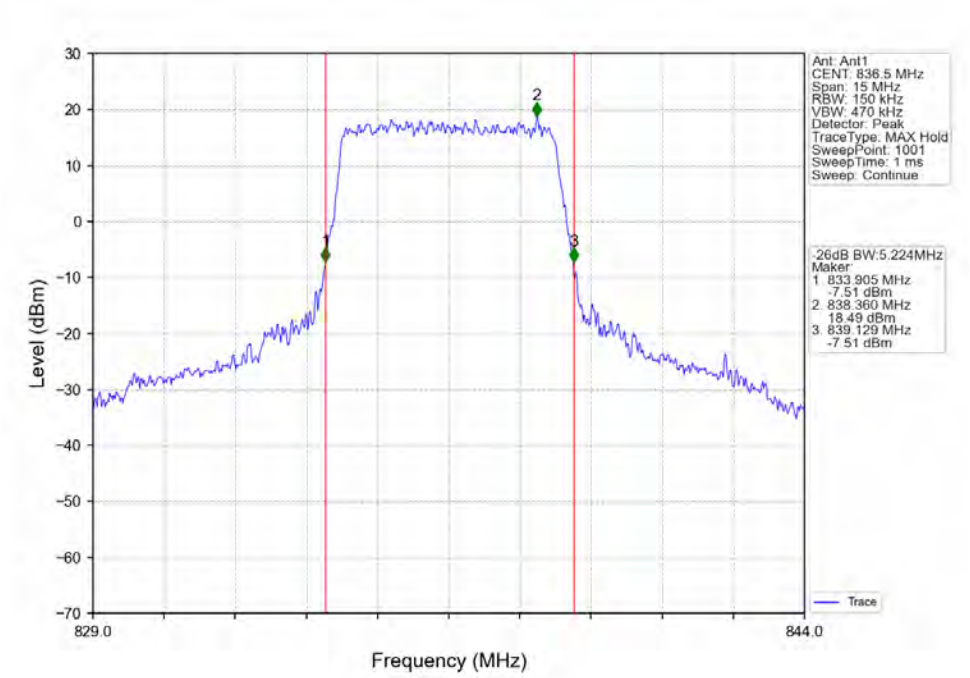
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



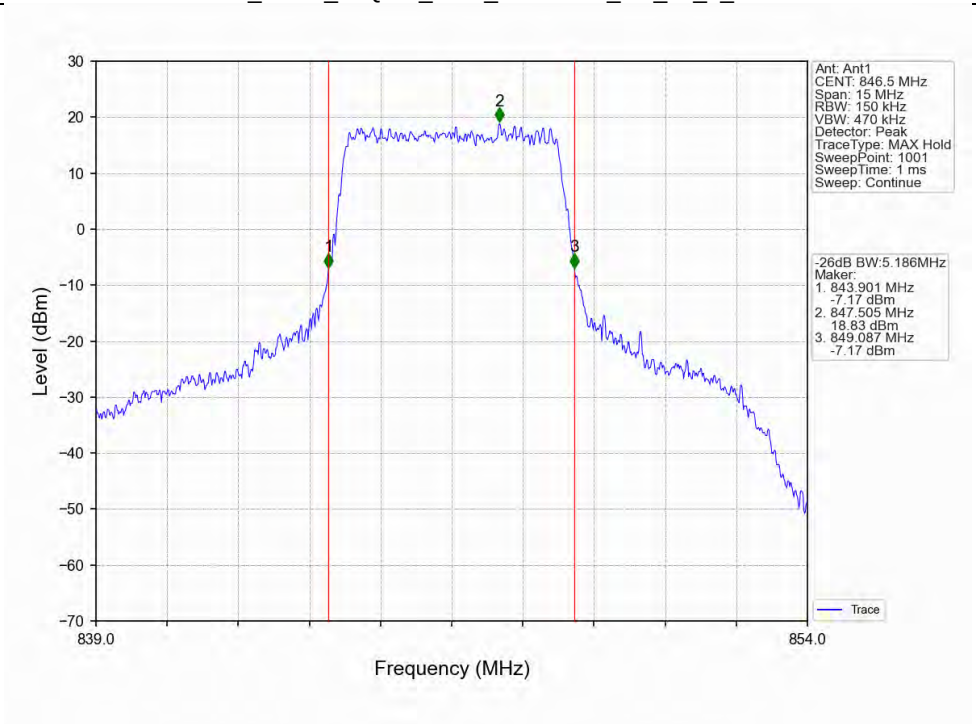

Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



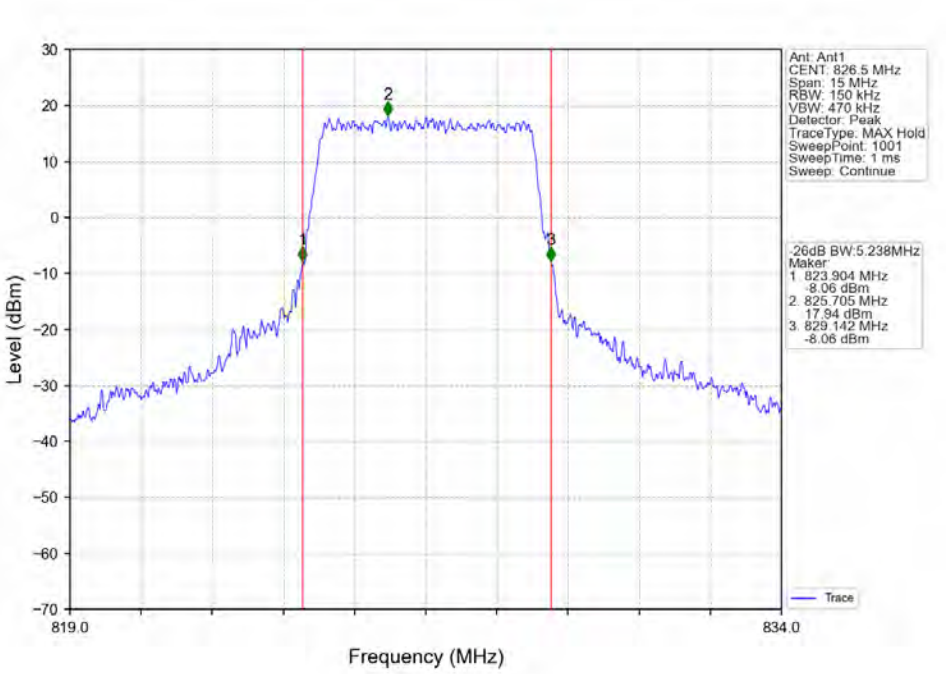
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



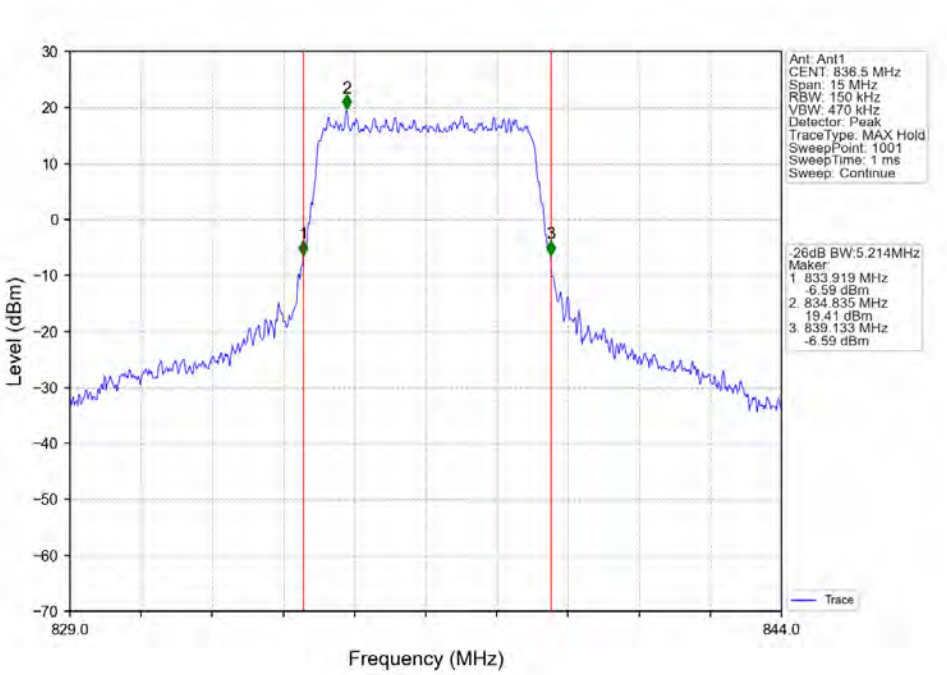

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



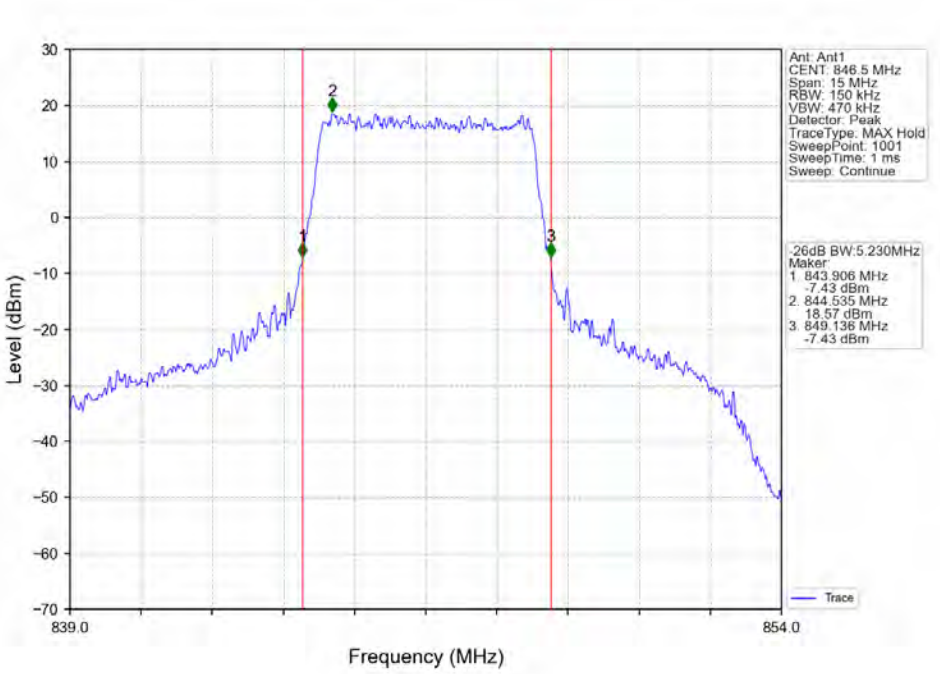
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



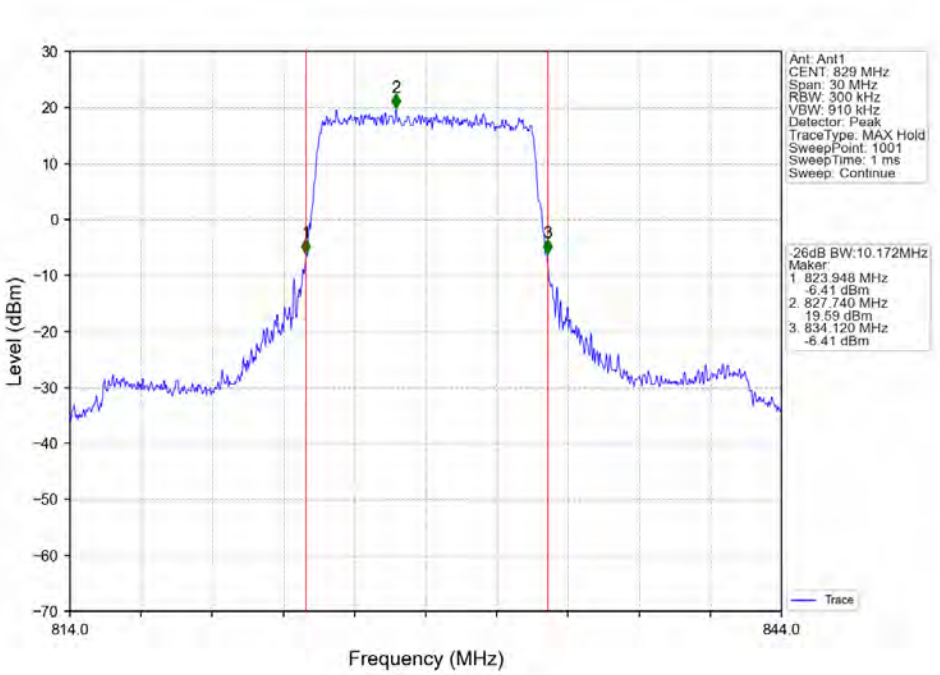

Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



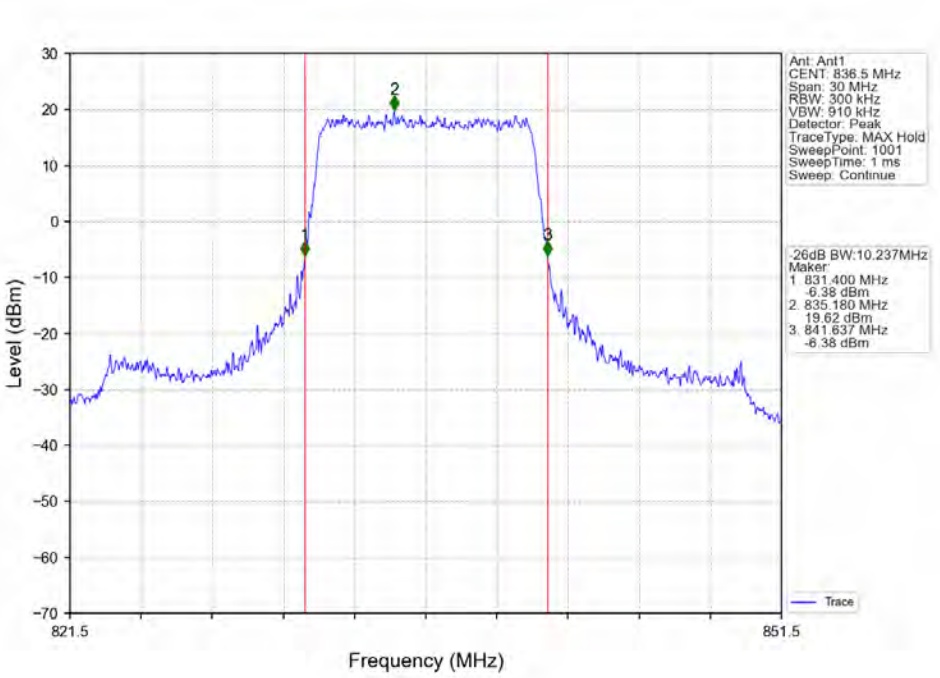
Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



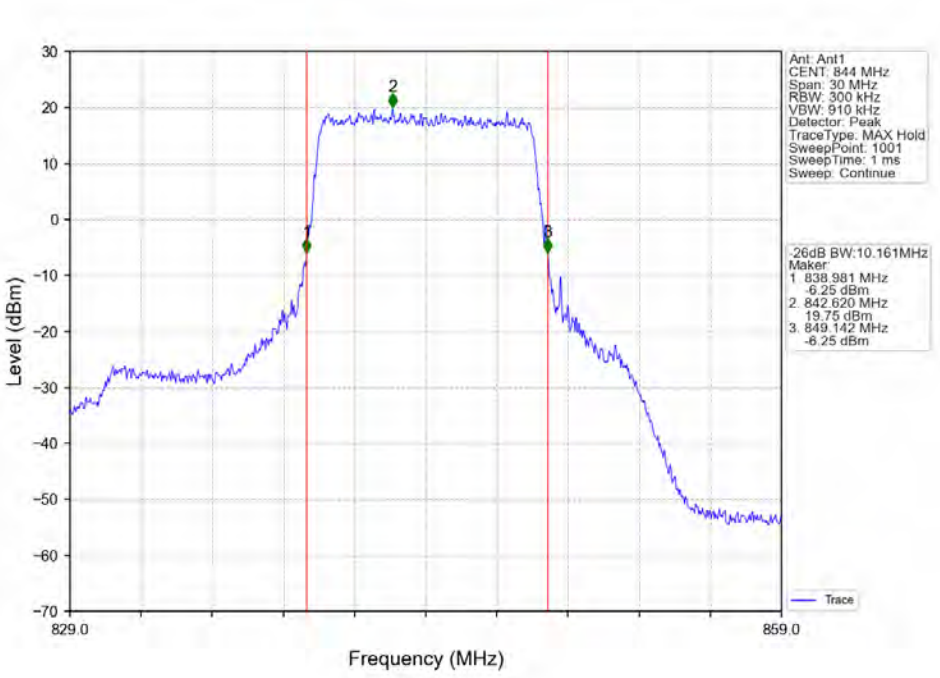

Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



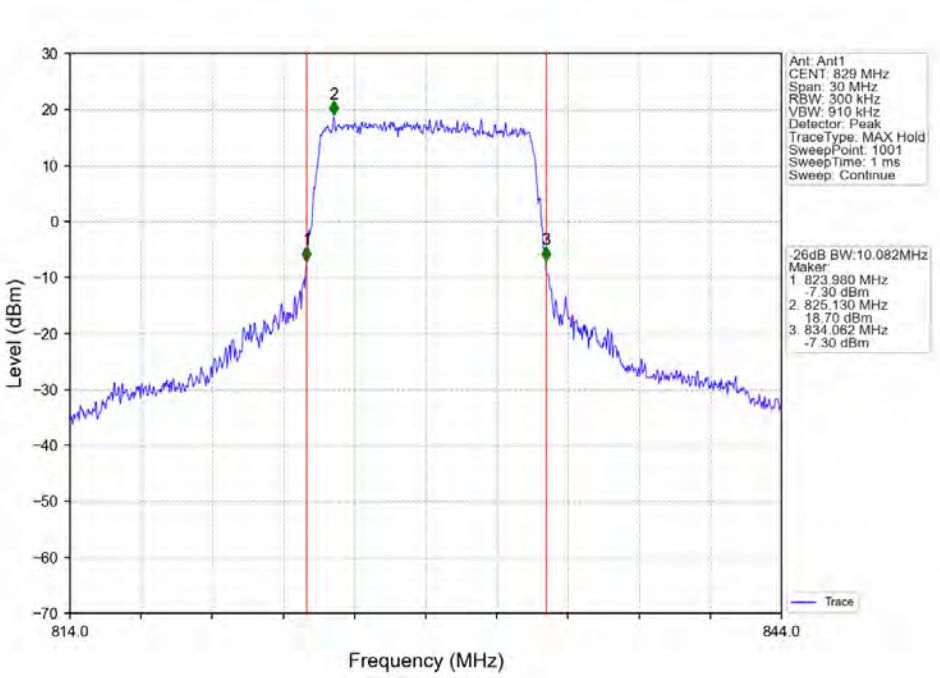
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



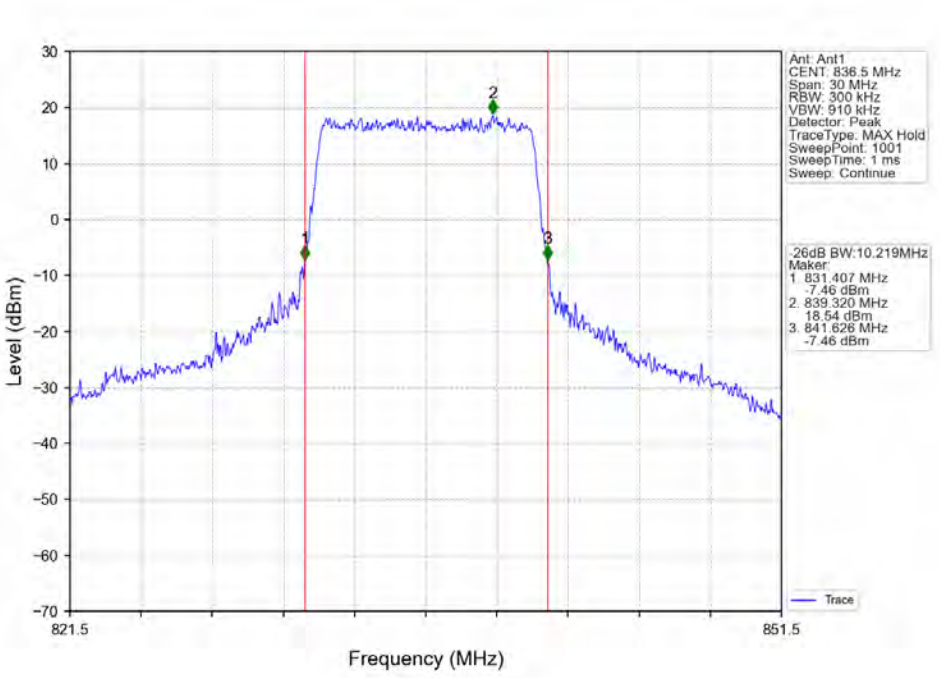

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



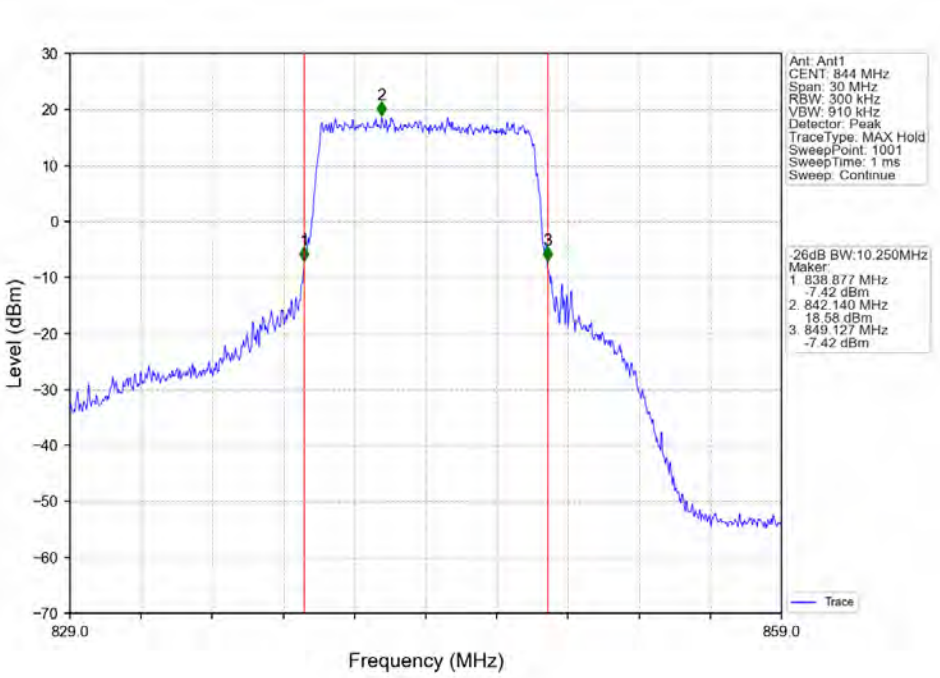
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



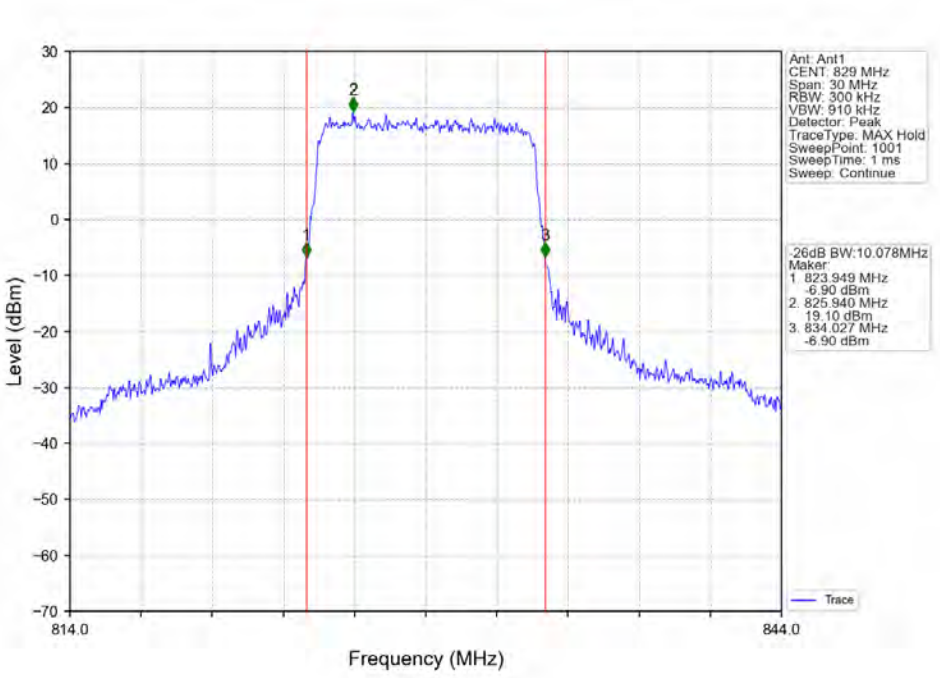

Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



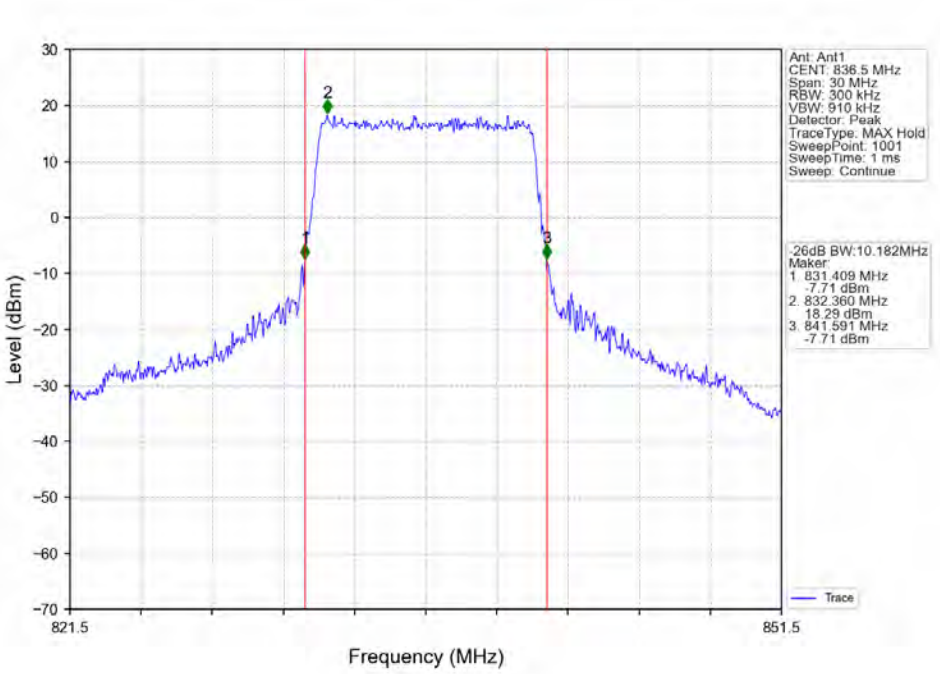
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



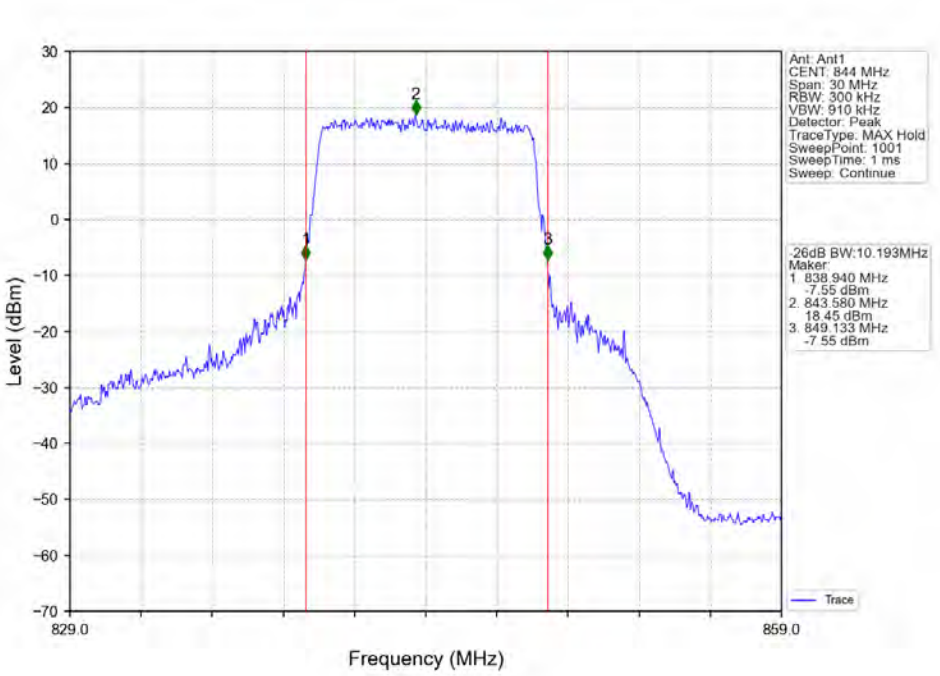

Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV




Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



# 4. Peak-Average Ratio

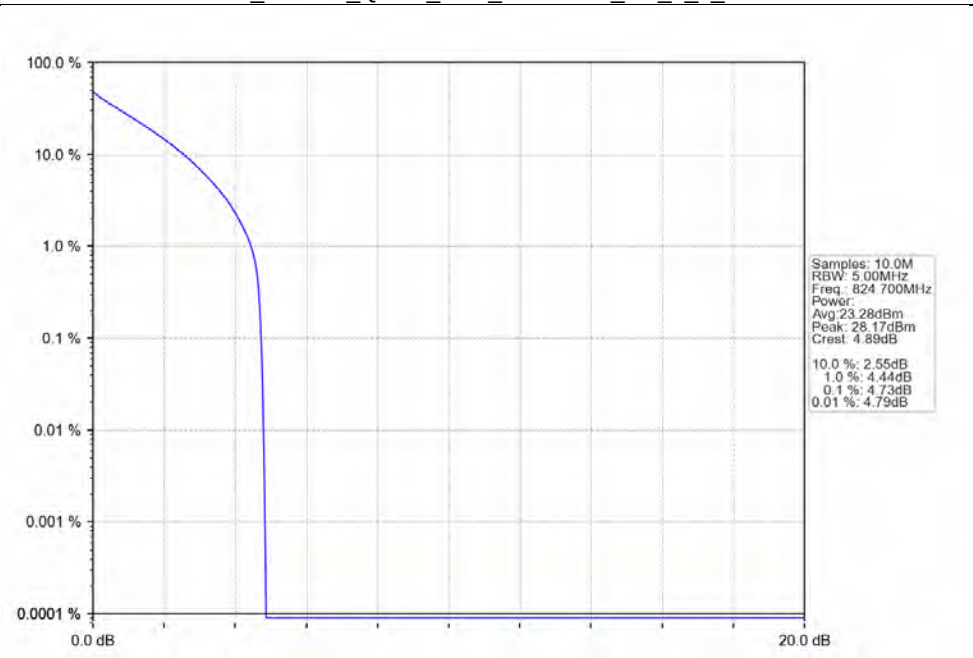
## 4.1 B5_1.4MHz

### 4.1.1 Test Result

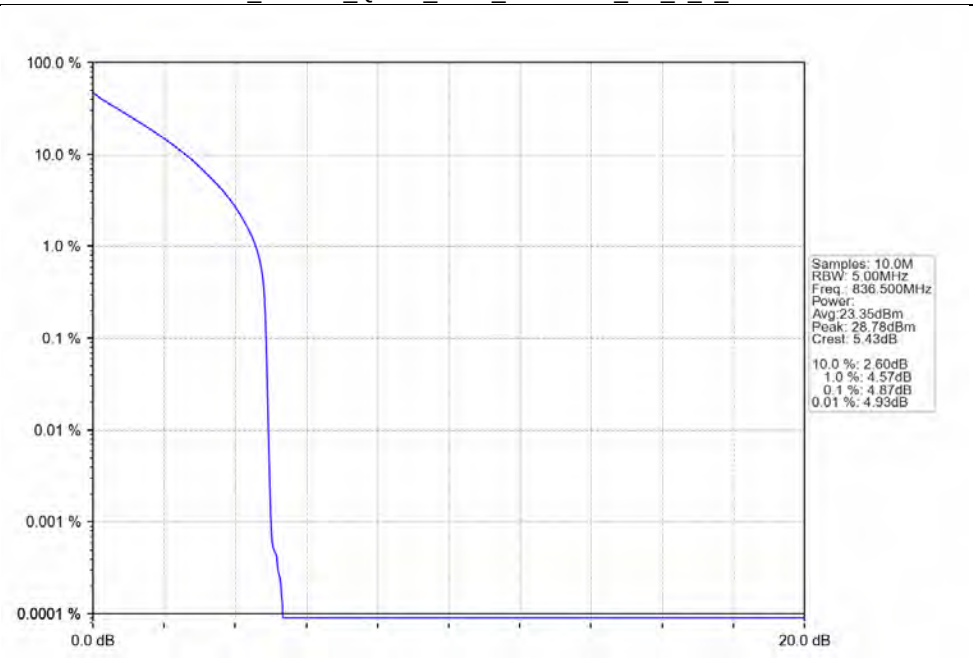
| Band: 5 / Bandwidth: 1.4MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 824.7 | 6 | 0 | 4.73 | <=13 | Pass |
| | 836.5 | 6 | 0 | 4.87 | <=13 | Pass |
| | 848.3 | 6 | 0 | 4.81 | <=13 | Pass |
| 16QAM | 824.7 | 6 | 0 | 6.04 | <=13 | Pass |
| | 836.5 | 6 | 0 | 6.20 | <=13 | Pass |
| | 848.3 | 6 | 0 | 6.15 | <=13 | Pass |
| 64QAM | 824.7 | 6 | 0 | 6.04 | <=13 | Pass |
| | 836.5 | 6 | 0 | 6.11 | <=13 | Pass |
| | 848.3 | 6 | 0 | 6.15 | <=13 | Pass |

4.1.2 Test Graph

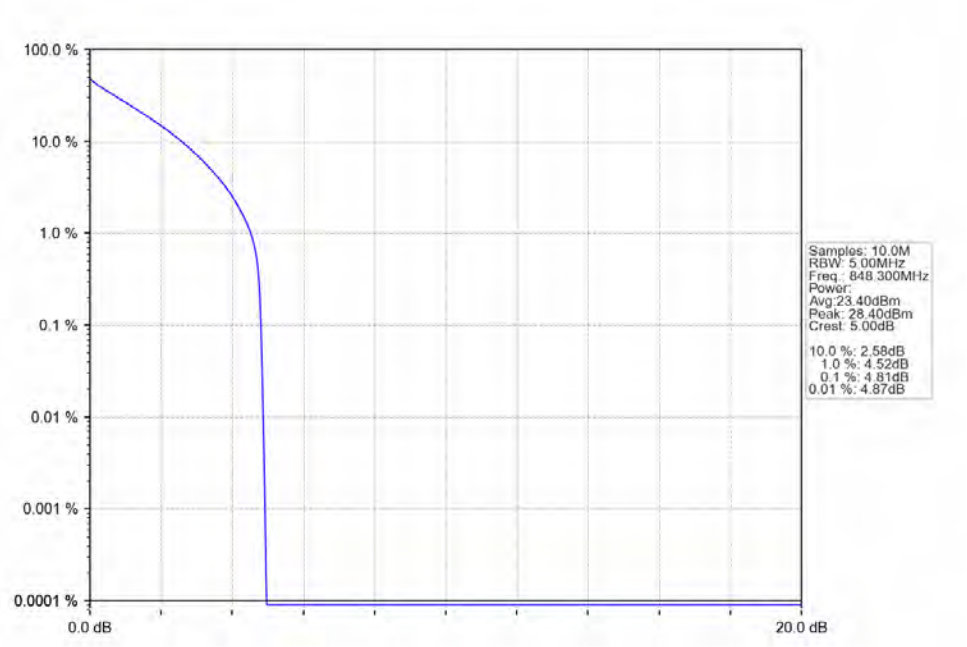
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



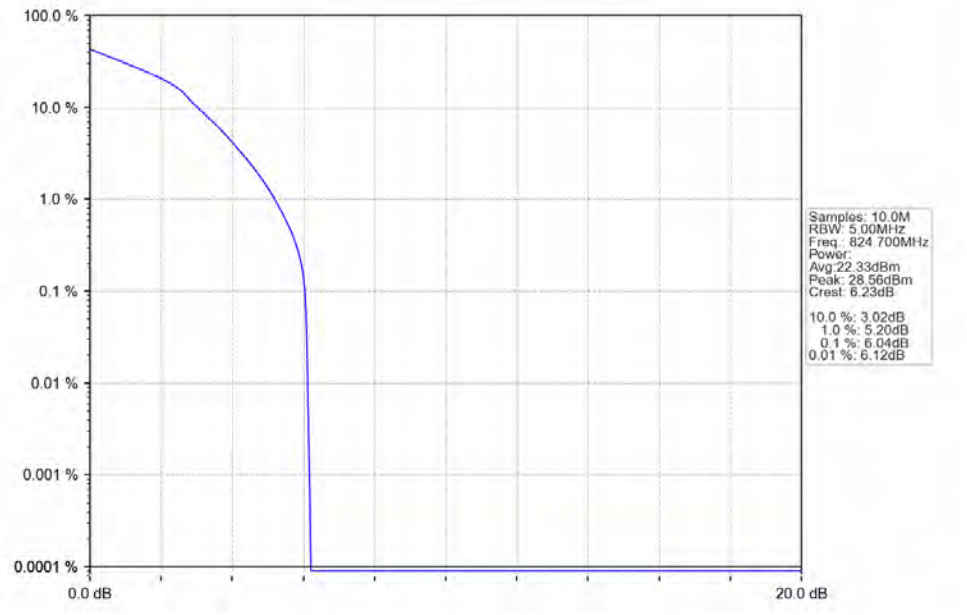

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



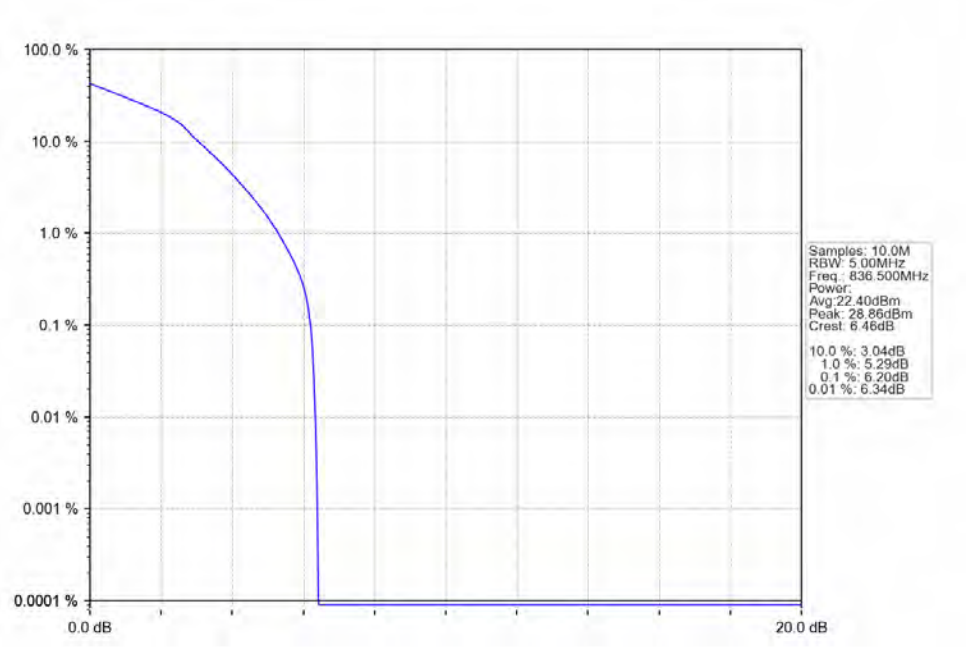
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



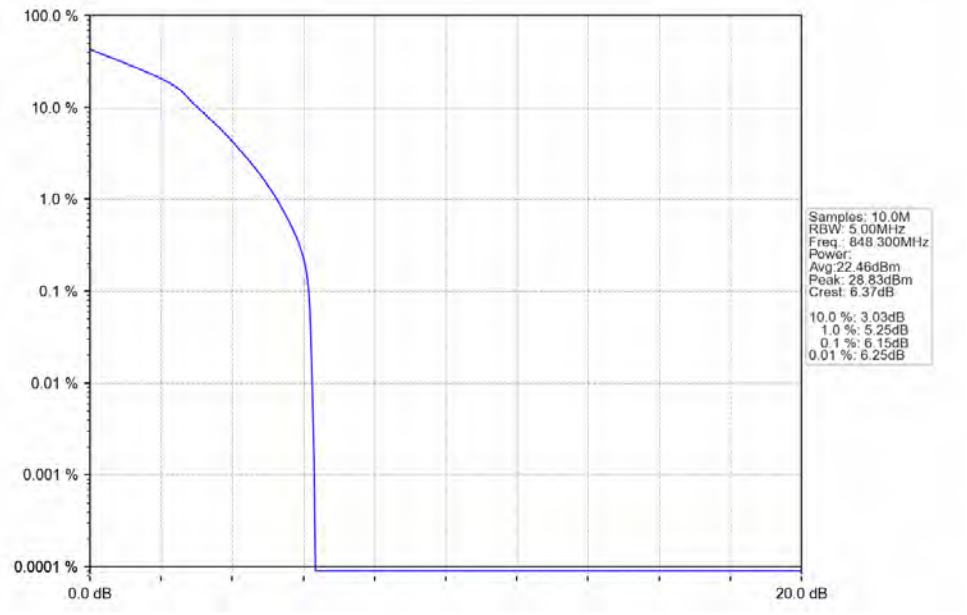

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



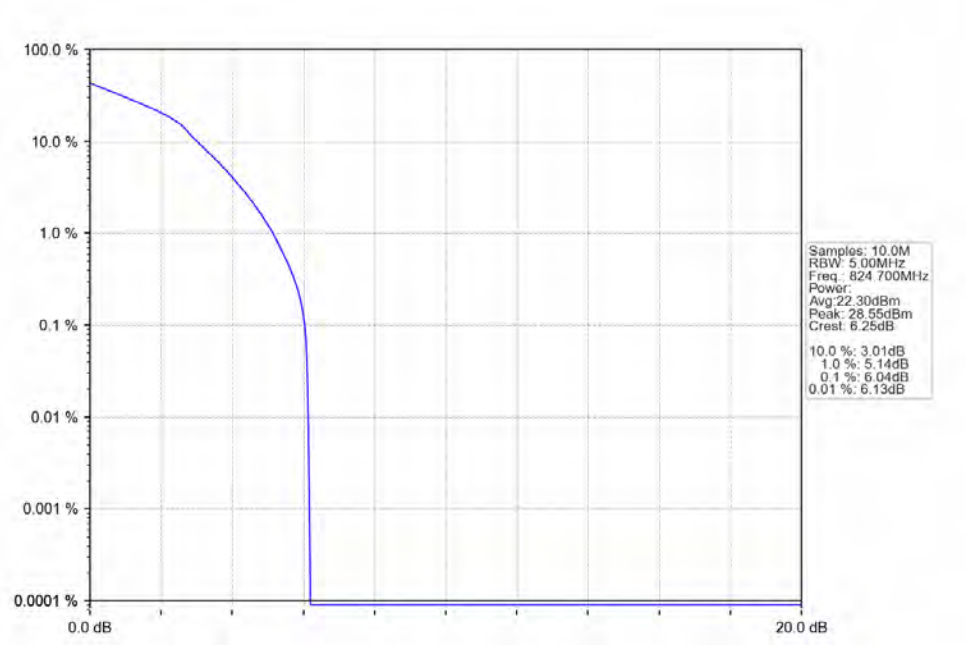
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



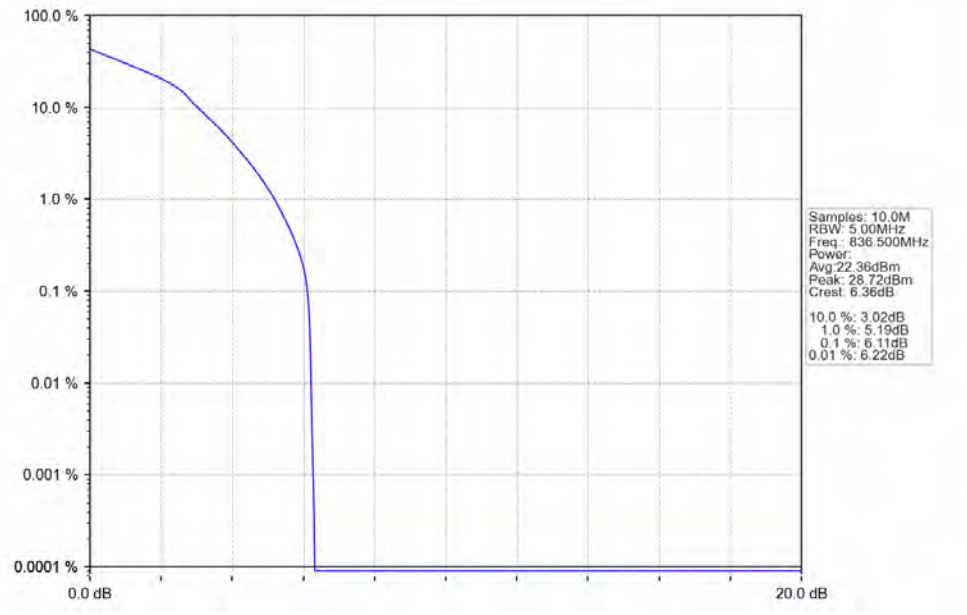

Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



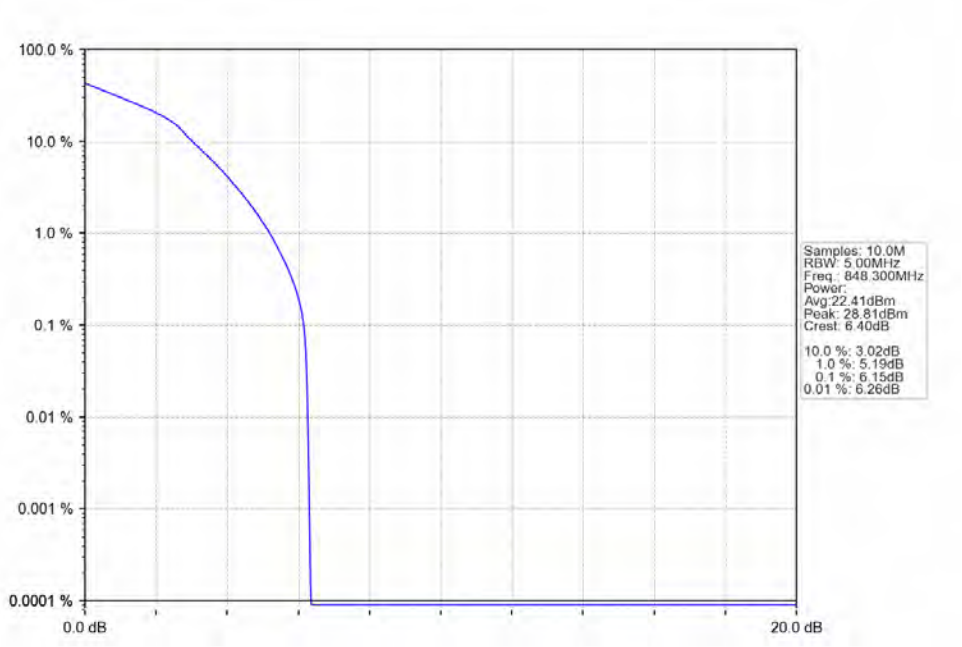
Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV




Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



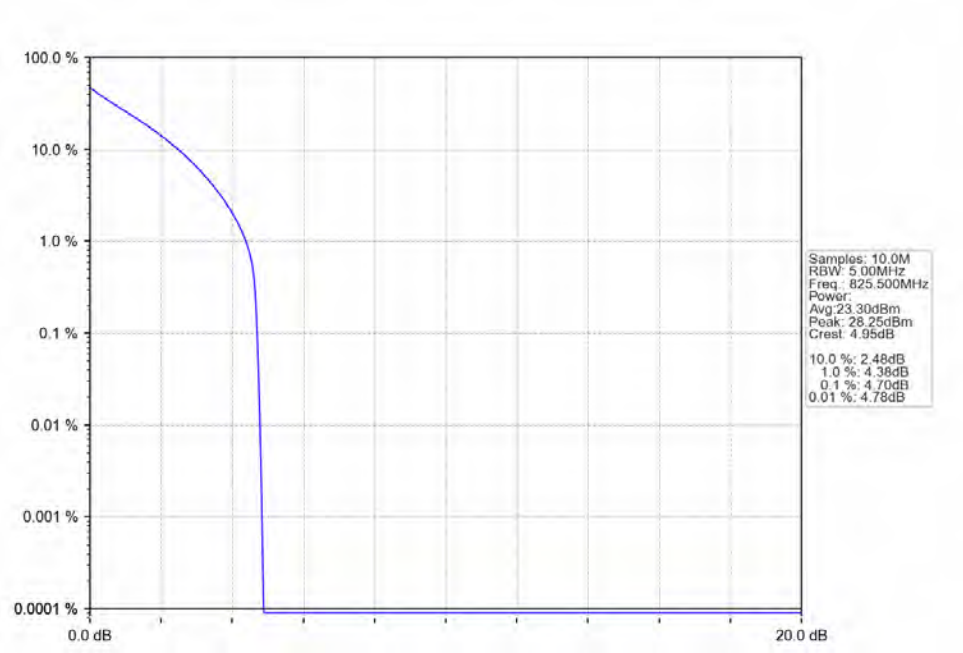
## 4.2 B5_3MHz

### 4.2.1 Test Result

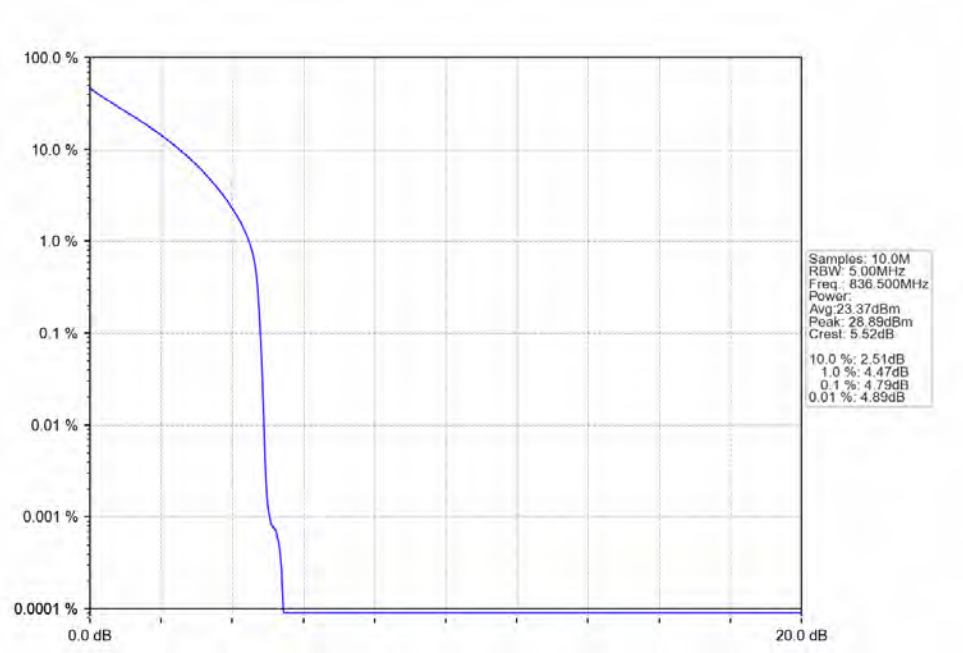
| Band: 5 / Bandwidth: 3MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 825.5 | 15 | 0 | 4.70 | <=13 | Pass |
| | 836.5 | 15 | 0 | 4.79 | <=13 | Pass |
| | 847.5 | 15 | 0 | 4.80 | <=13 | Pass |
| 16QAM | 825.5 | 15 | 0 | 6.10 | <=13 | Pass |
| | 836.5 | 15 | 0 | 6.30 | <=13 | Pass |
| | 847.5 | 15 | 0 | 6.24 | <=13 | Pass |
| 64QAM | 825.5 | 15 | 0 | 6.10 | <=13 | Pass |
| | 836.5 | 15 | 0 | 6.20 | <=13 | Pass |
| | 847.5 | 15 | 0 | 6.23 | <=13 | Pass |

4.2.2 Test Graph

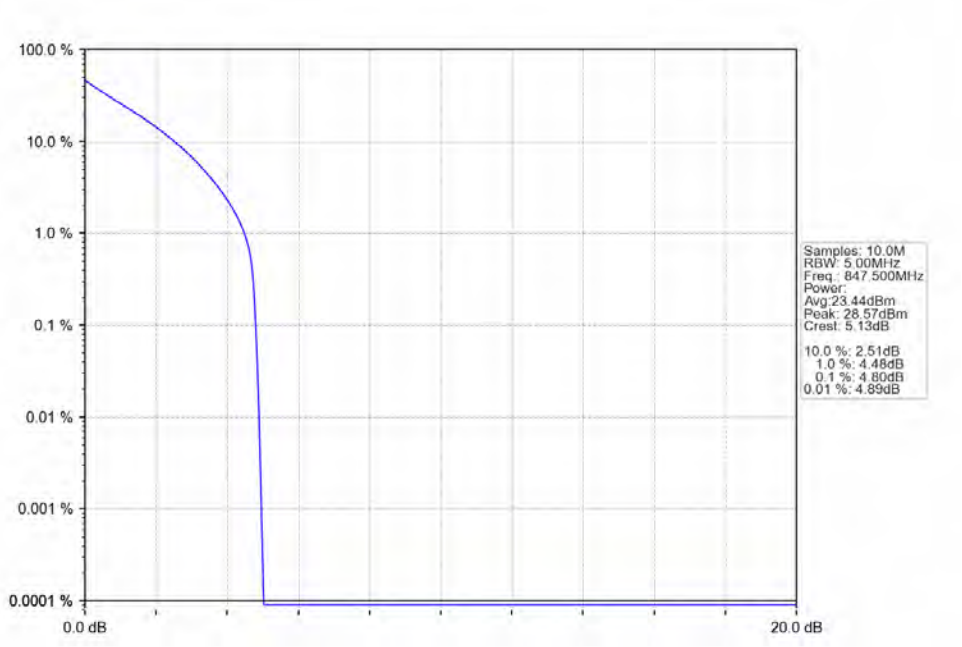
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



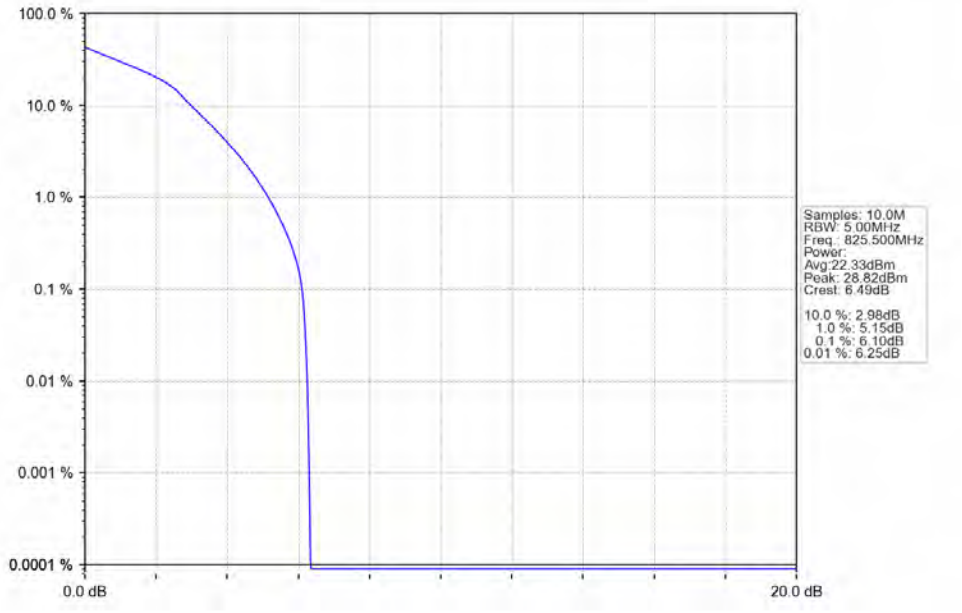

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



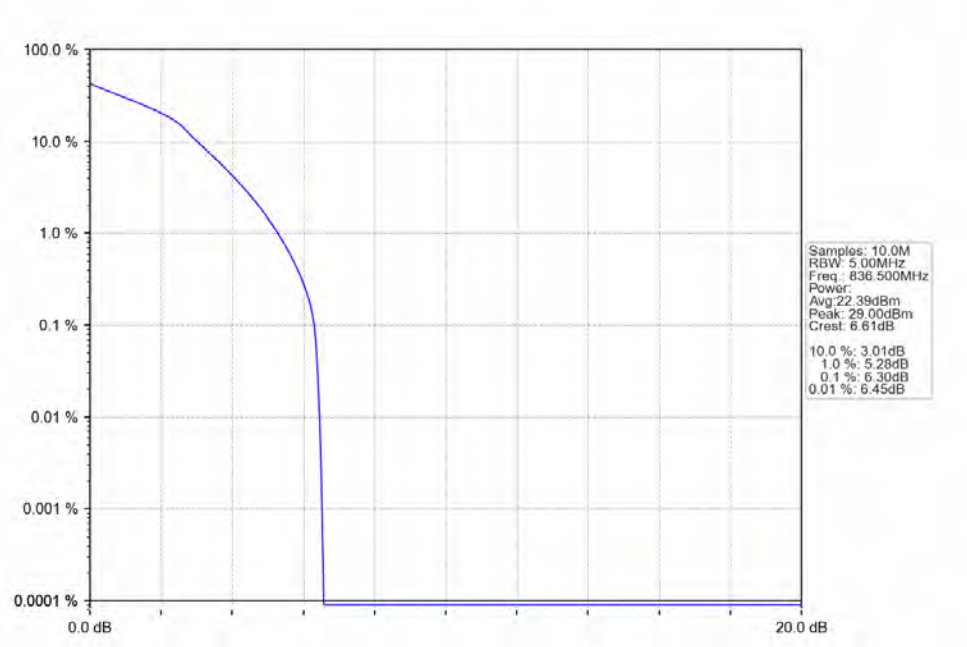
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



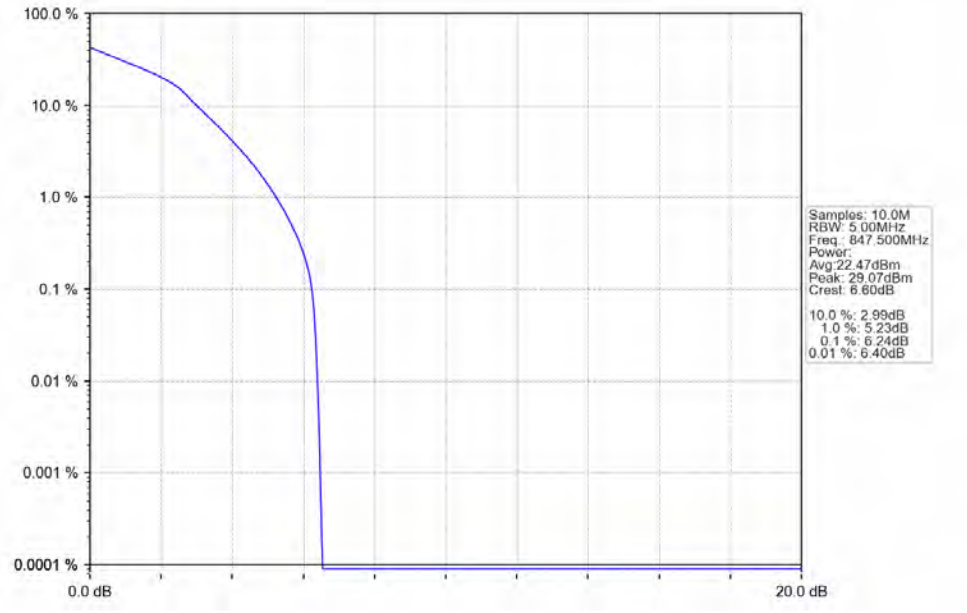

Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



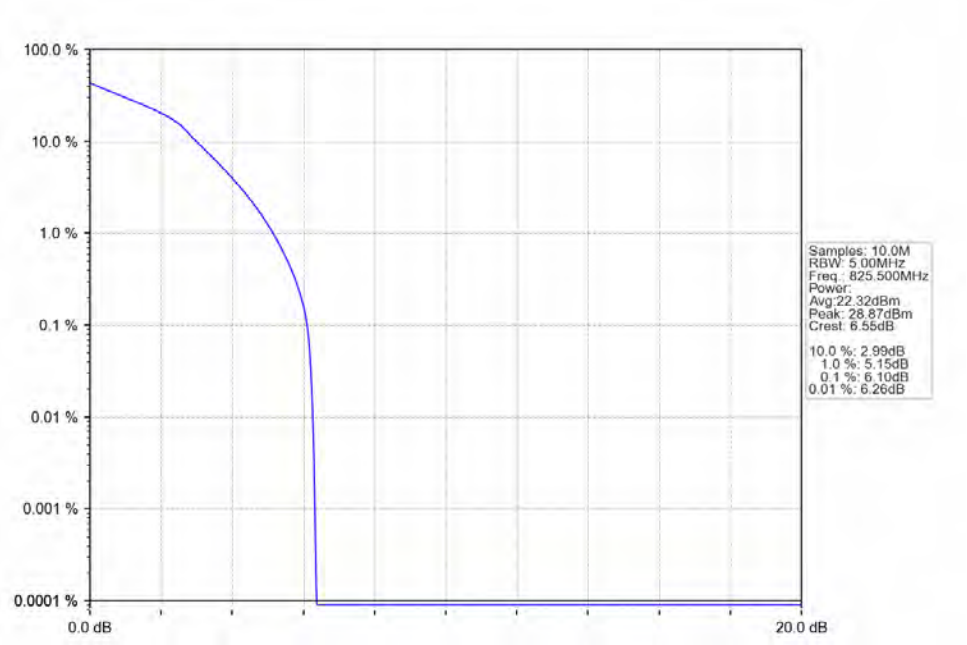
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



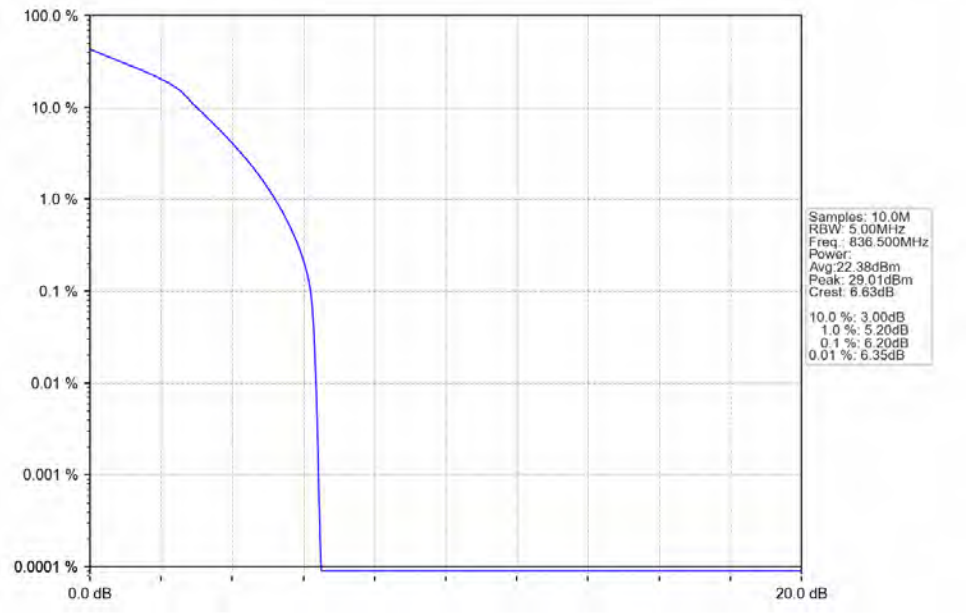

Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



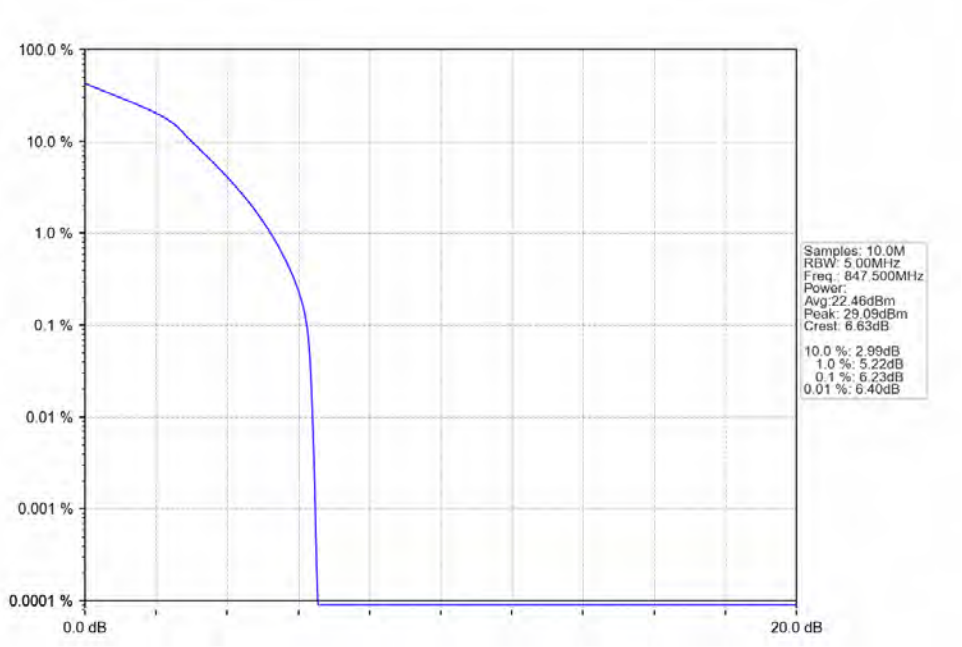
Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV




Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV



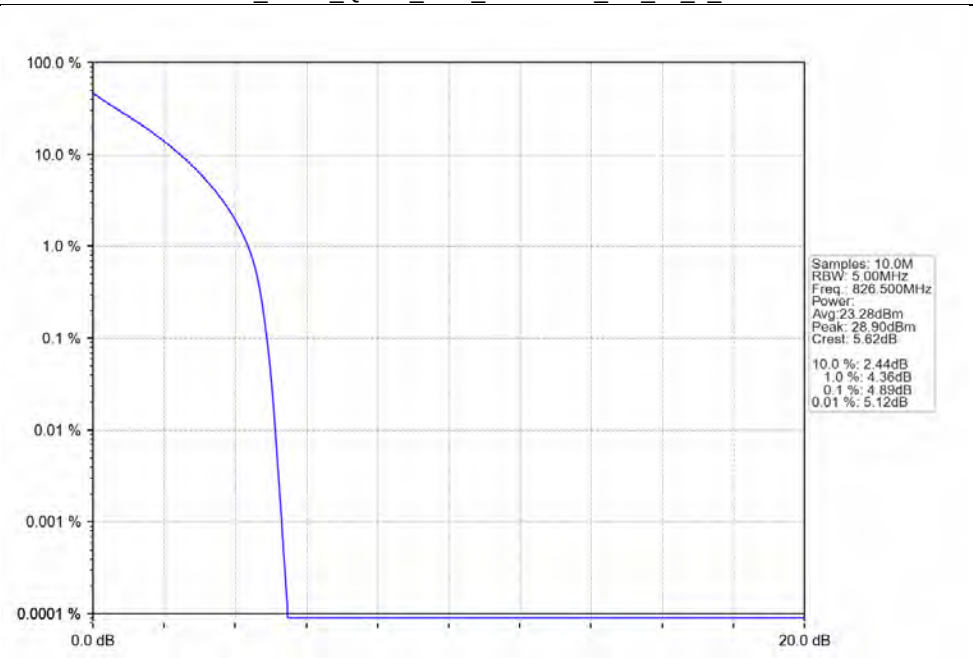
## 4.3 B5_5MHz

### 4.3.1 Test Result

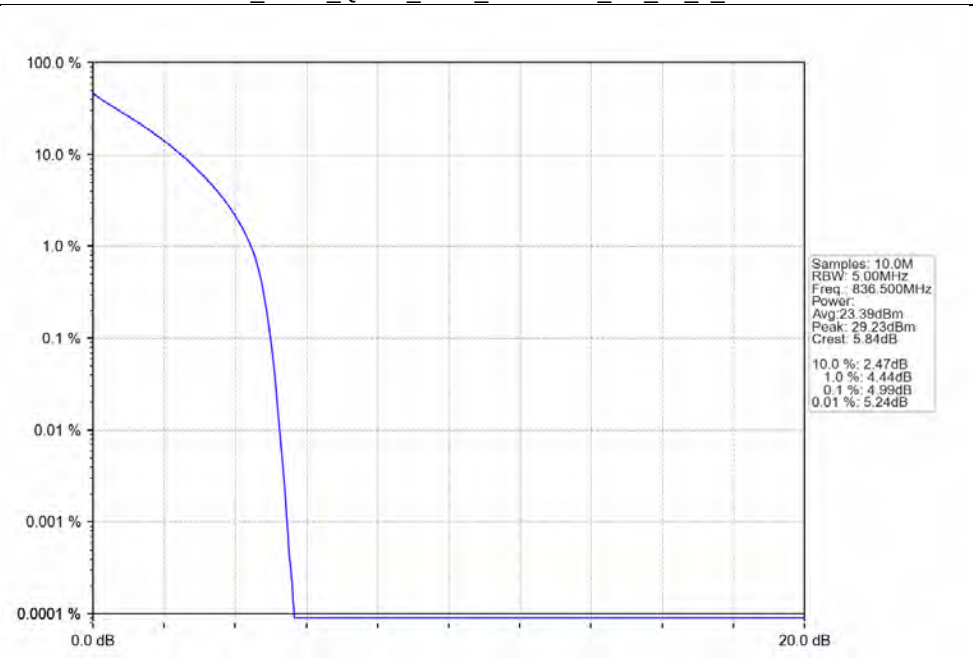
| Band: 5 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 826.5 | 25 | 0 | 4.89 | <=13 | Pass |
| | 836.5 | 25 | 0 | 4.99 | <=13 | Pass |
| | 846.5 | 25 | 0 | 4.98 | <=13 | Pass |
| 16QAM | 826.5 | 25 | 0 | 5.94 | <=13 | Pass |
| | 836.5 | 25 | 0 | 6.03 | <=13 | Pass |
| | 846.5 | 25 | 0 | 6.00 | <=13 | Pass |
| 64QAM | 826.5 | 25 | 0 | 5.93 | <=13 | Pass |
| | 836.5 | 25 | 0 | 6.03 | <=13 | Pass |
| | 846.5 | 25 | 0 | 6.00 | <=13 | Pass |

4.3.2 Test Graph

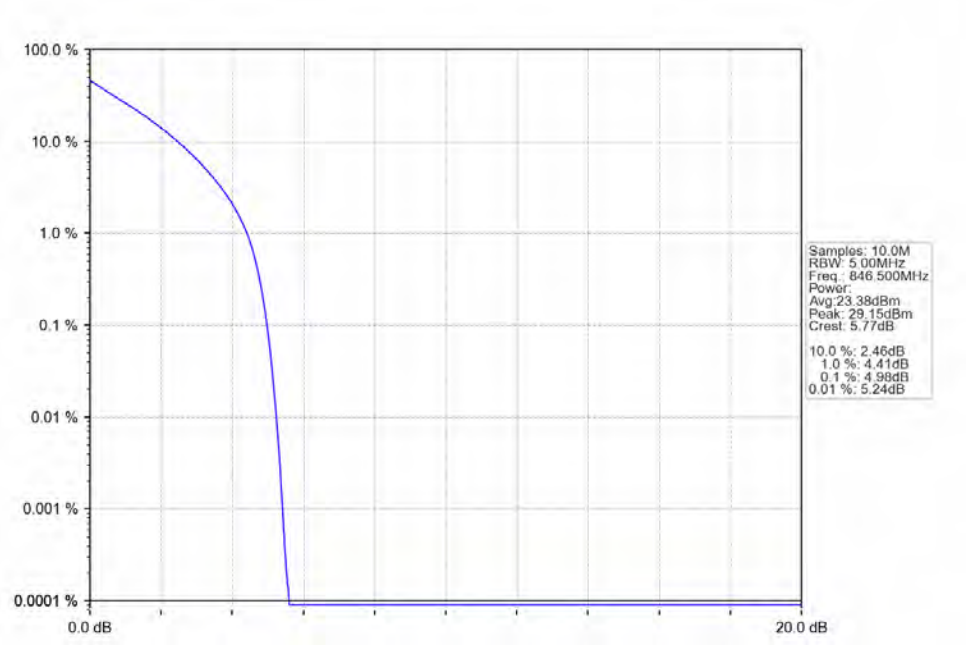
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



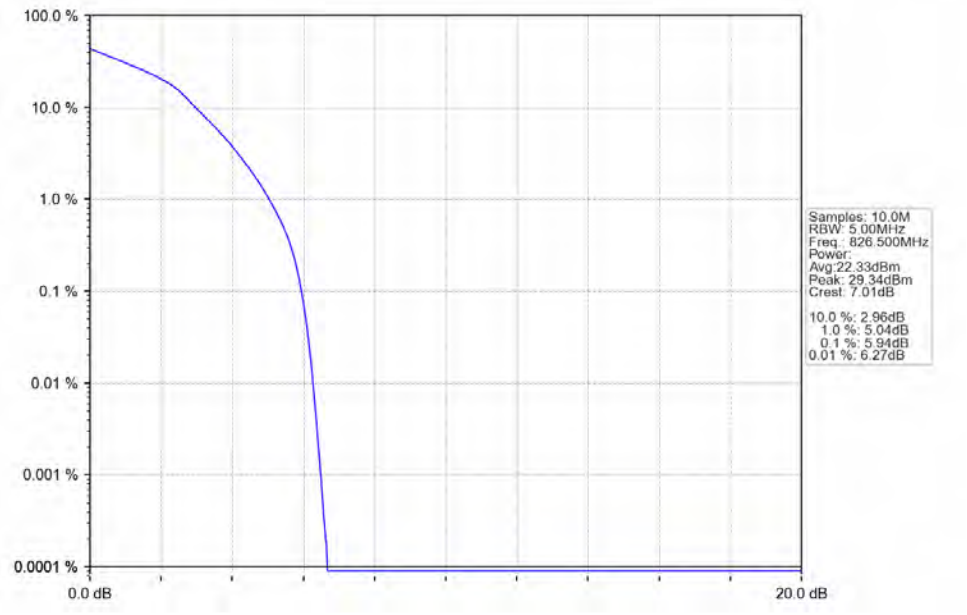

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



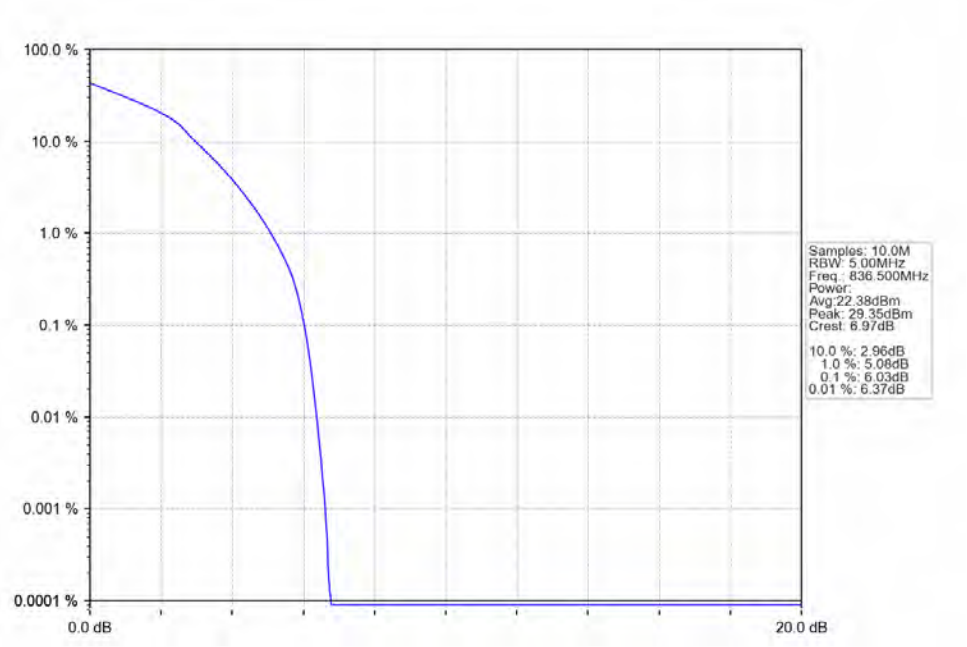
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



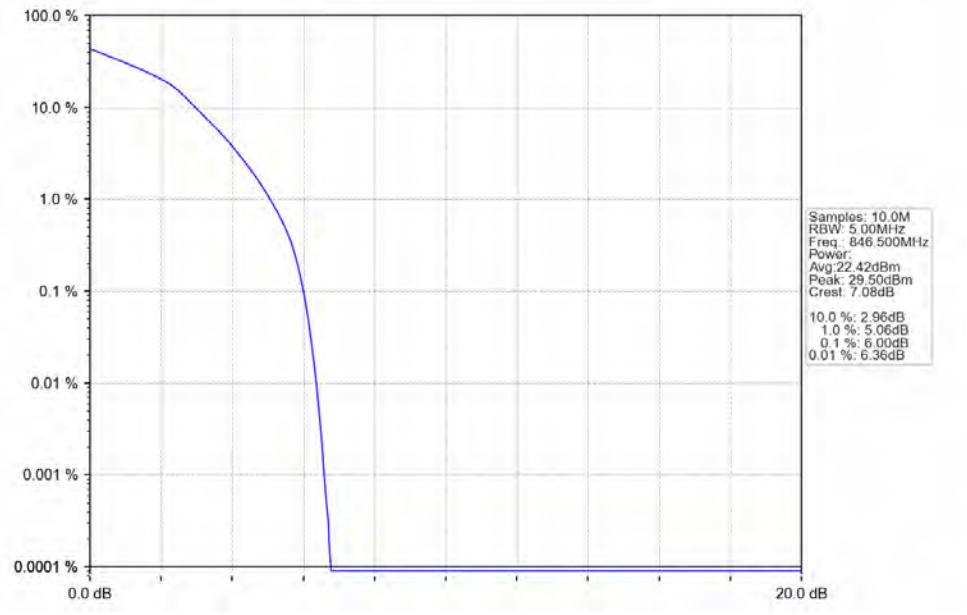

Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



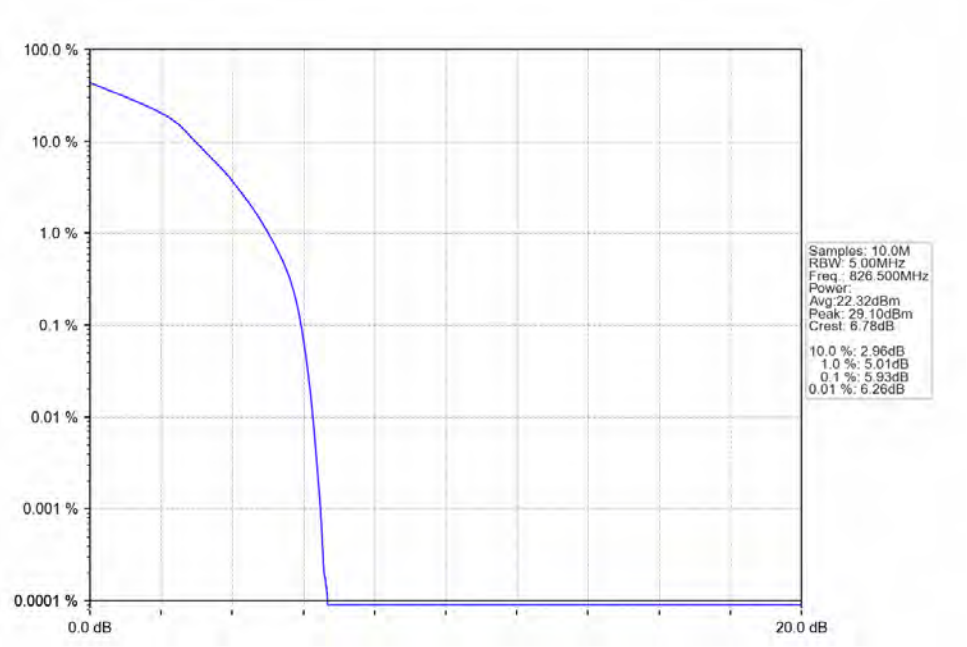
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



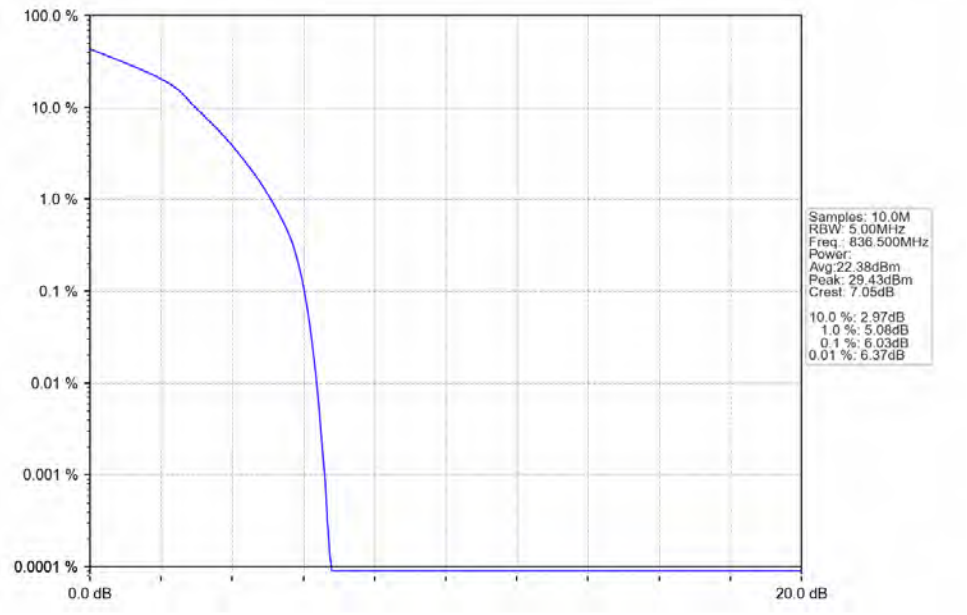

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



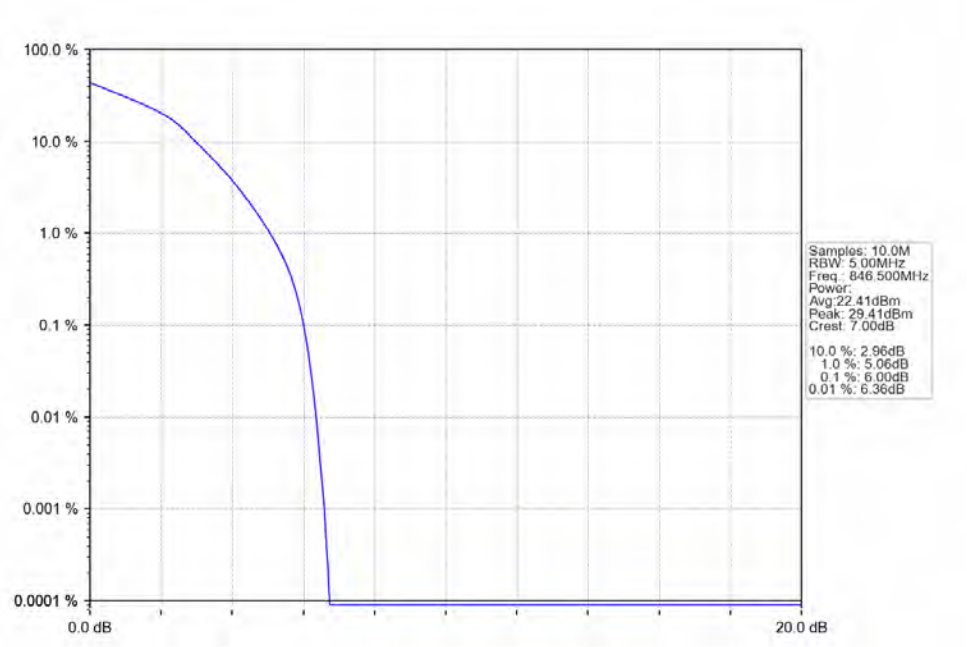
Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV




Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



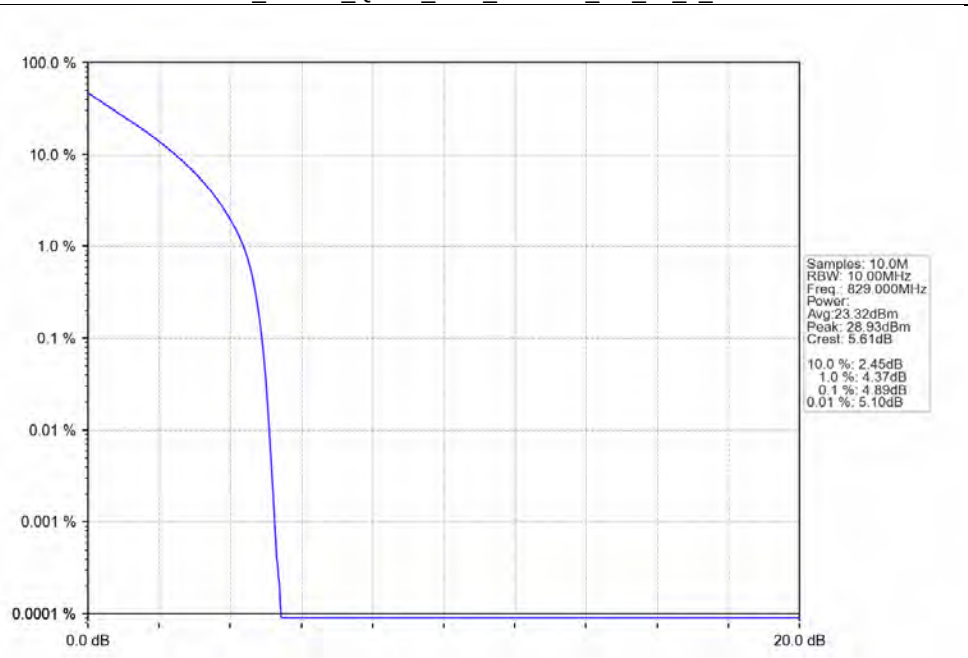
## 4.4 B5_10MHz

### 4.4.1 Test Result

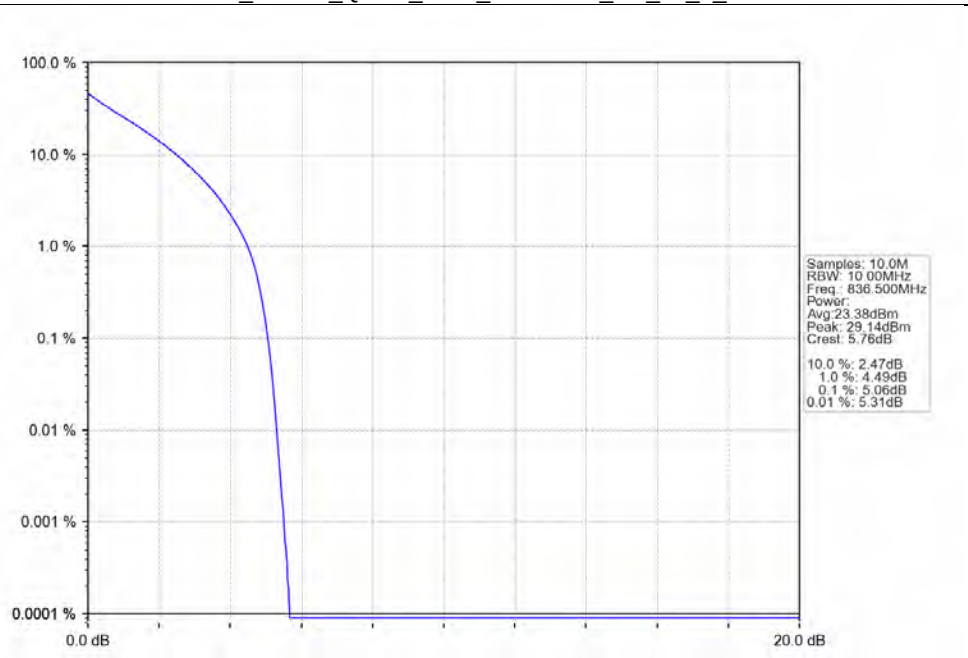
| Band: 5 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 829 | 50 | 0 | 4.89 | <=13 | Pass |
| | 836.5 | 50 | 0 | 5.06 | <=13 | Pass |
| | 844 | 50 | 0 | 4.97 | <=13 | Pass |
| 16QAM | 829 | 50 | 0 | 5.93 | <=13 | Pass |
| | 836.5 | 50 | 0 | 6.04 | <=13 | Pass |
| | 844 | 50 | 0 | 6.00 | <=13 | Pass |
| 64QAM | 829 | 50 | 0 | 5.93 | <=13 | Pass |
| | 836.5 | 50 | 0 | 6.05 | <=13 | Pass |
| | 844 | 50 | 0 | 6.00 | <=13 | Pass |

4.4.2 Test Graph

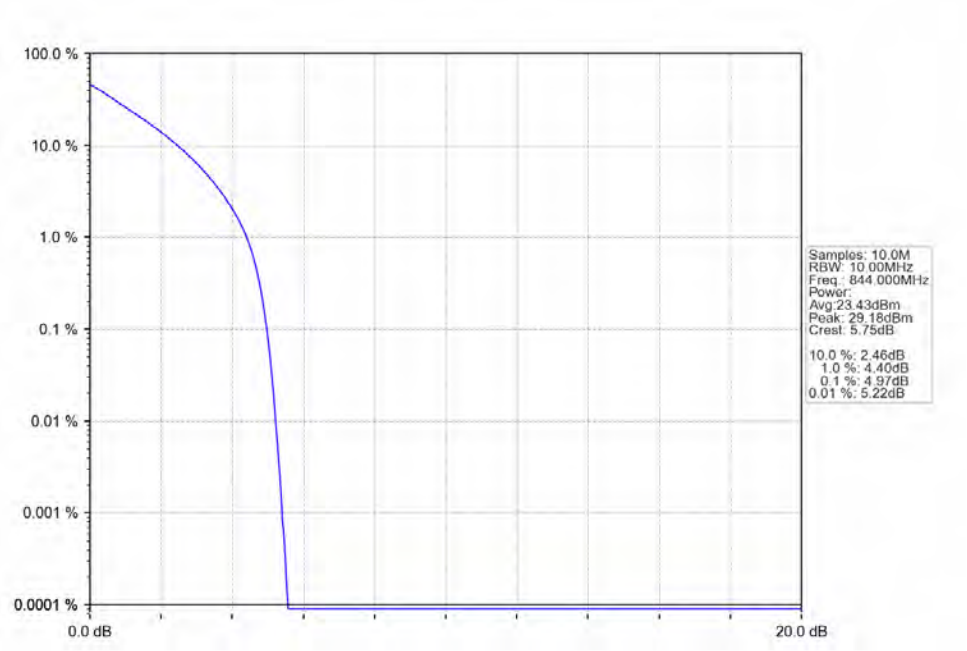
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



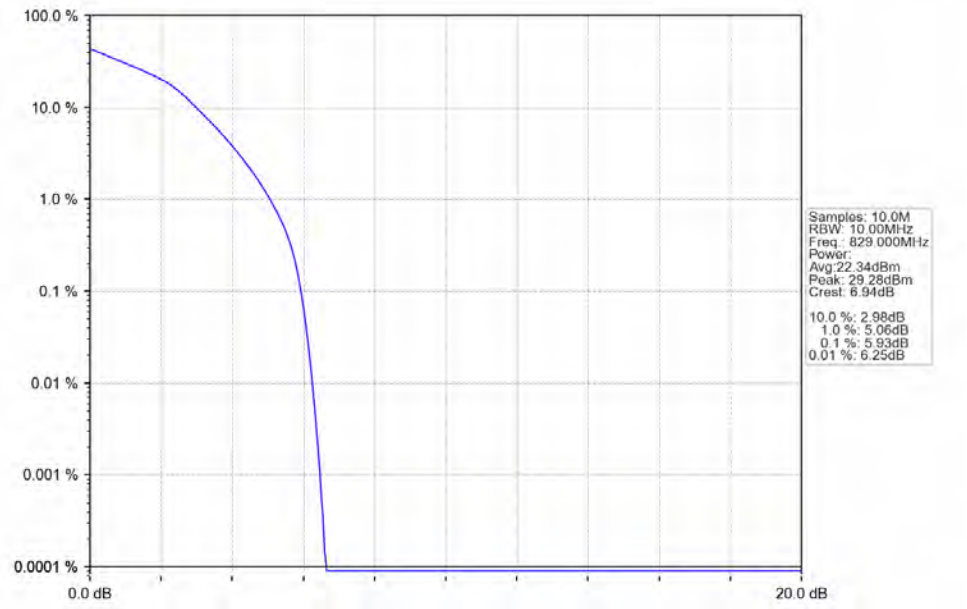

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



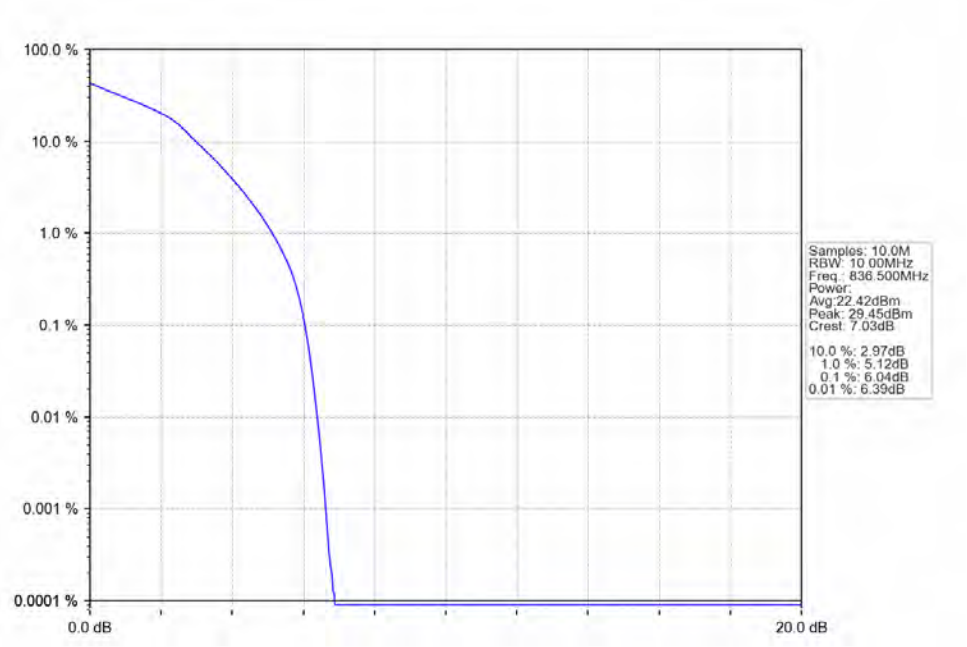
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



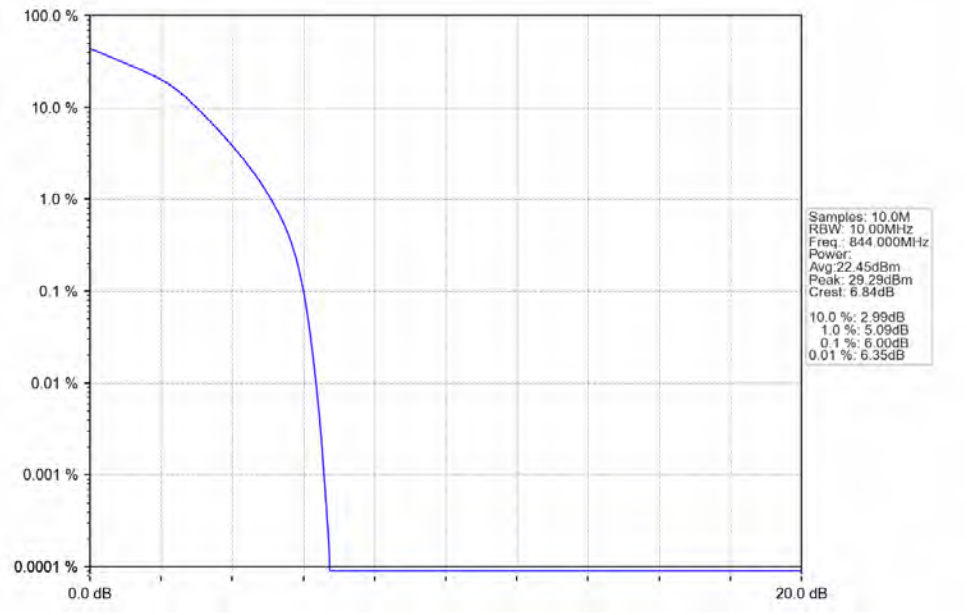

Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



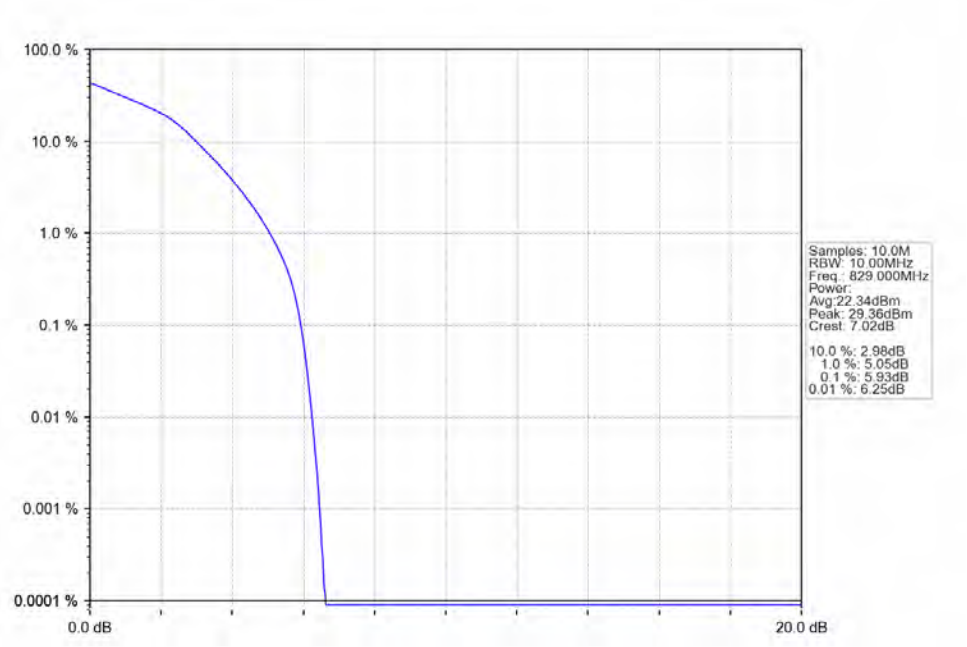
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



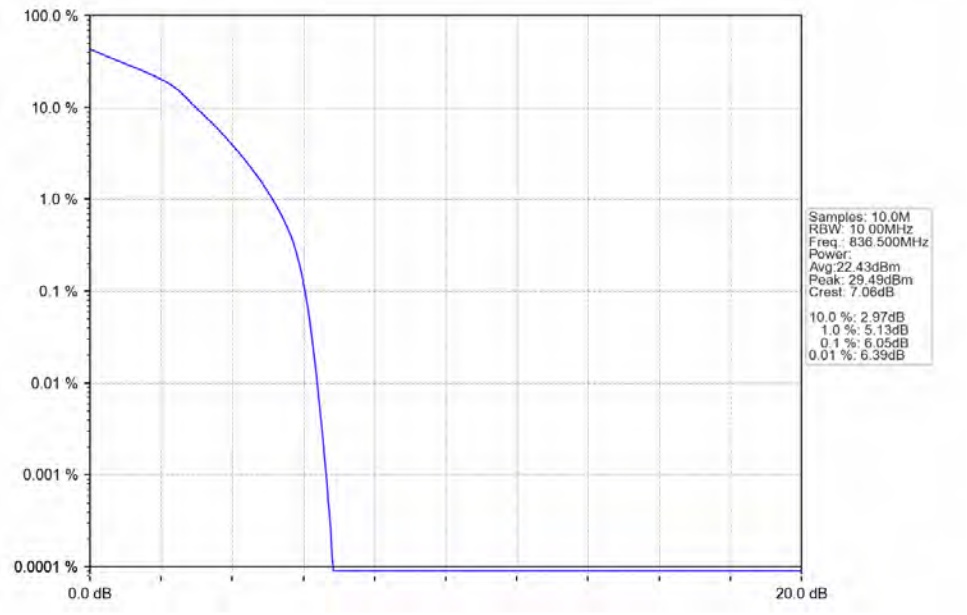

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



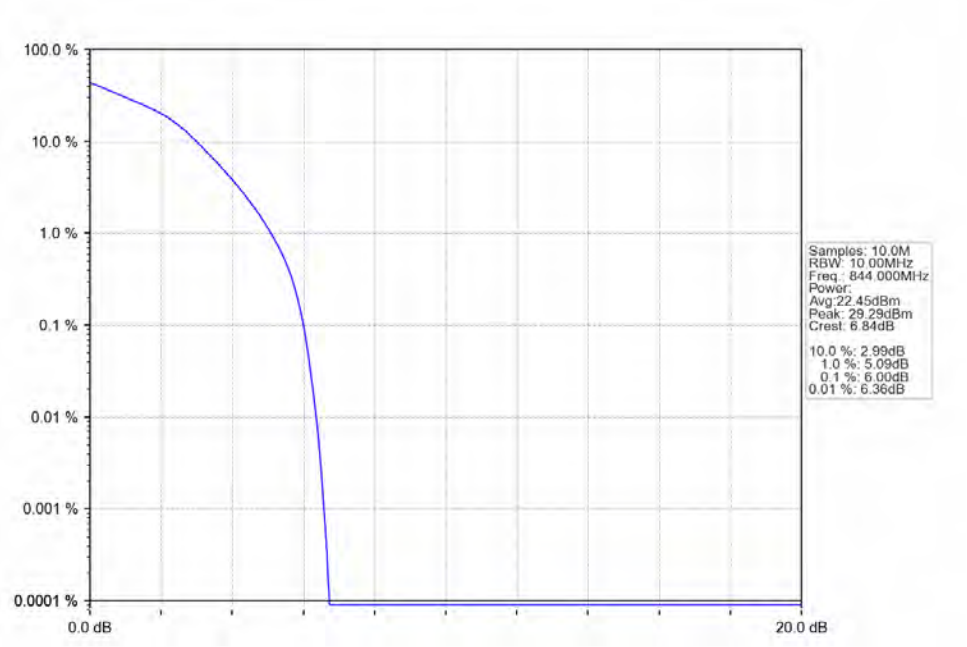
Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV




Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



# 5. Spurious Emission

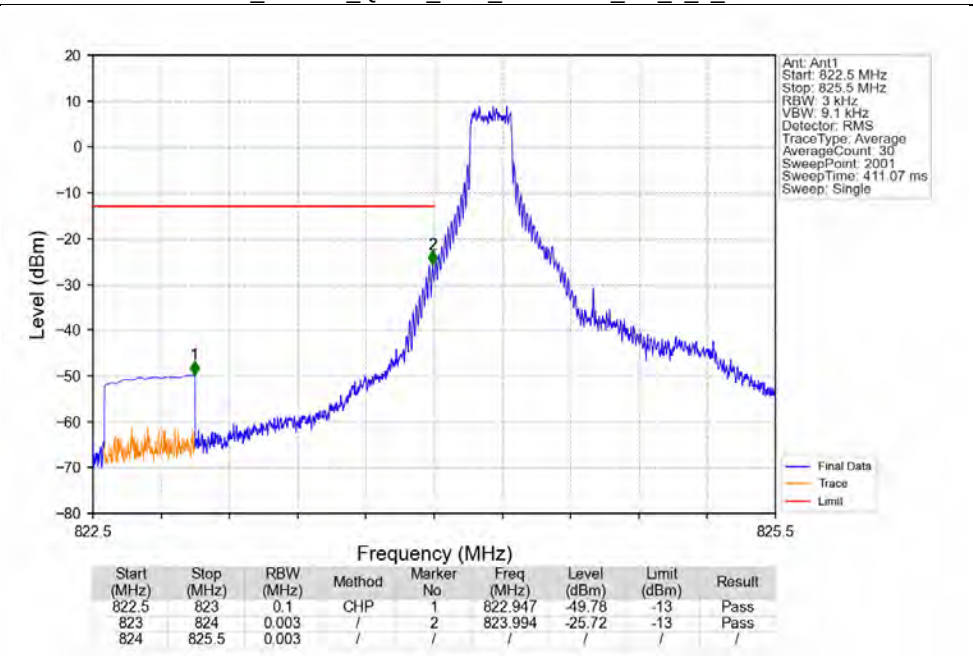
## 5.1 B5_1.4MHz

### 5.1.1 Test Result

| Band: 5 / 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 |
| 64QAM | 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 |

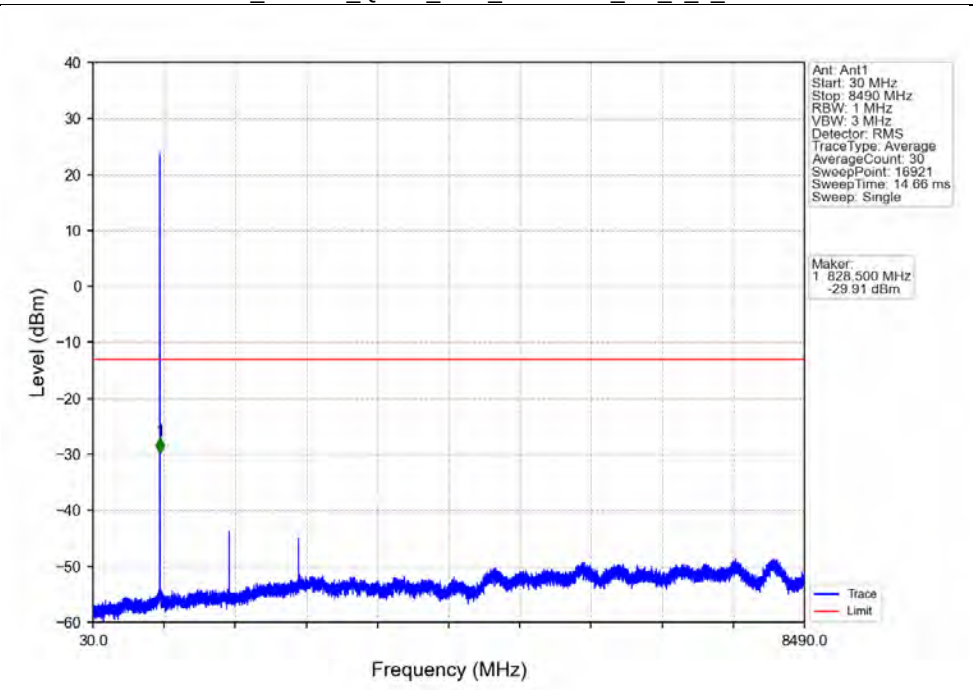
5.1.2 Test Graph

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

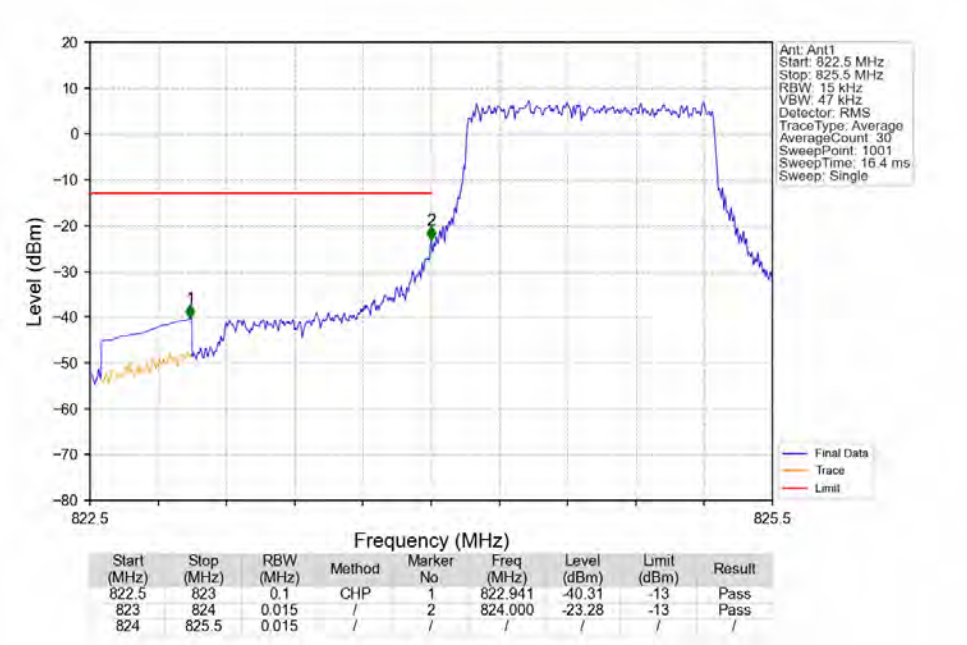



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 823 | 0.1 | CHP | 1 | 822.947 | -49.78 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.994 | -25.72 | -13 | Pass |
| 824 | 825.5 | 0.003 | / | / | / | / | / | / |

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

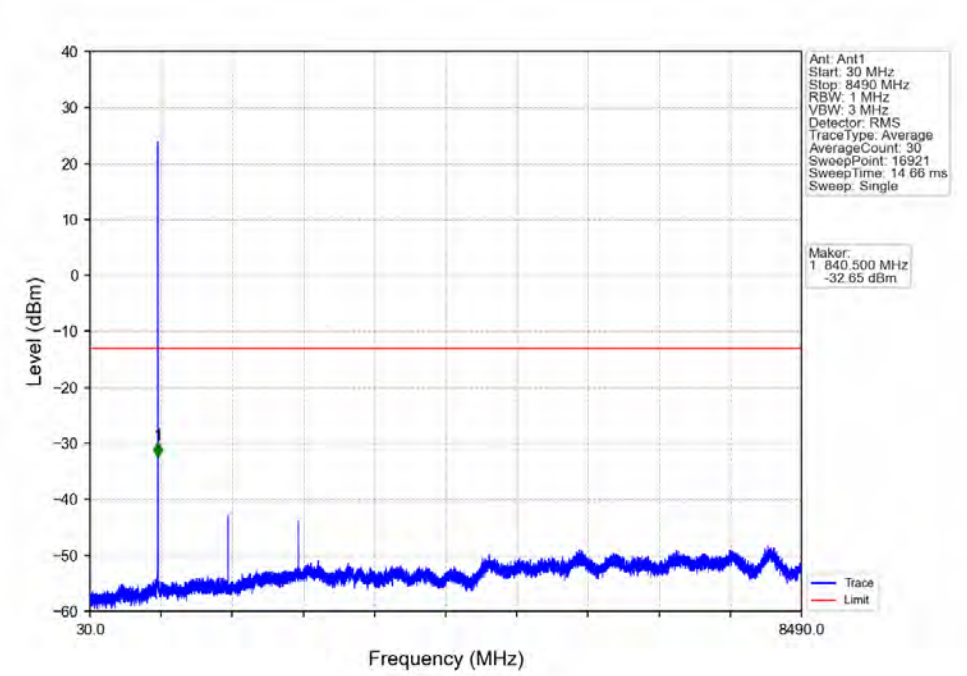


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

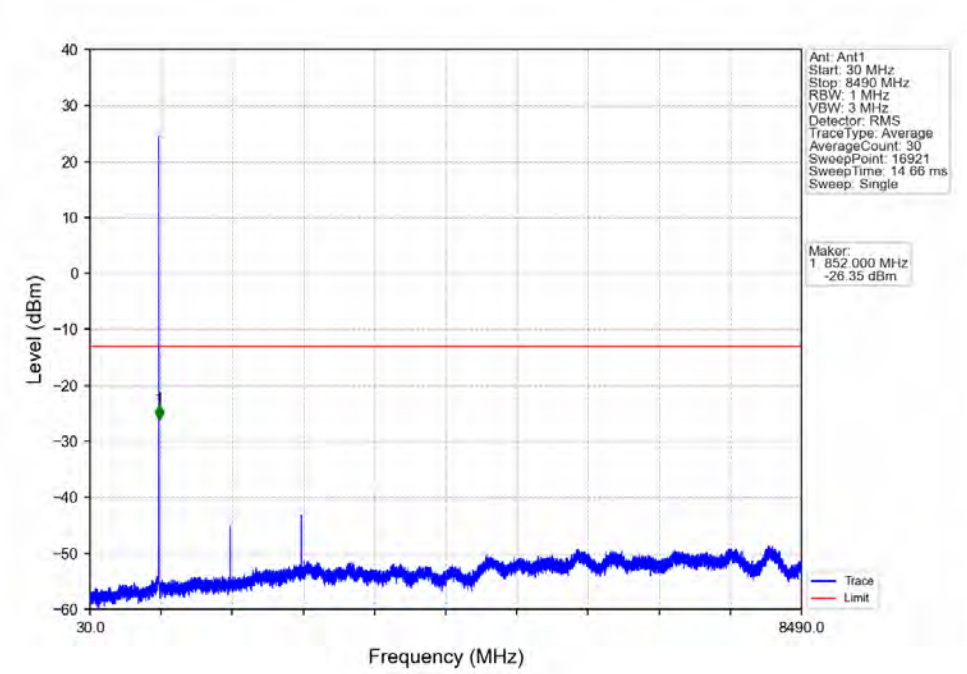



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 823 | 0.1 | CHP | 1 | 822.941 | -40.31 | -13 | Pass |
| 823 | 824 | 0.015 | / | 2 | 824.000 | -23.28 | -13 | Pass |
| 824 | 825.5 | 0.015 | / | / | / | / | / | / |

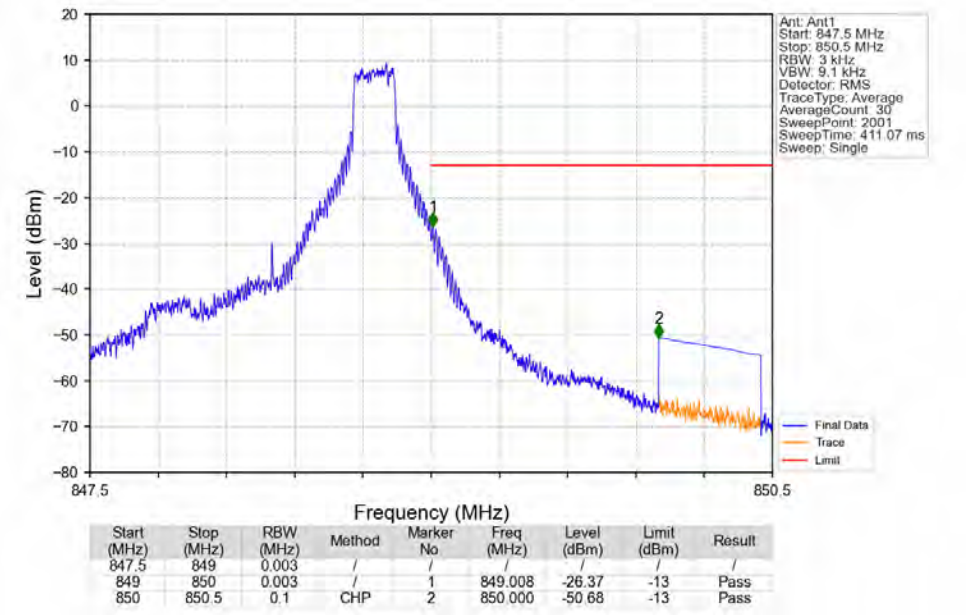
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

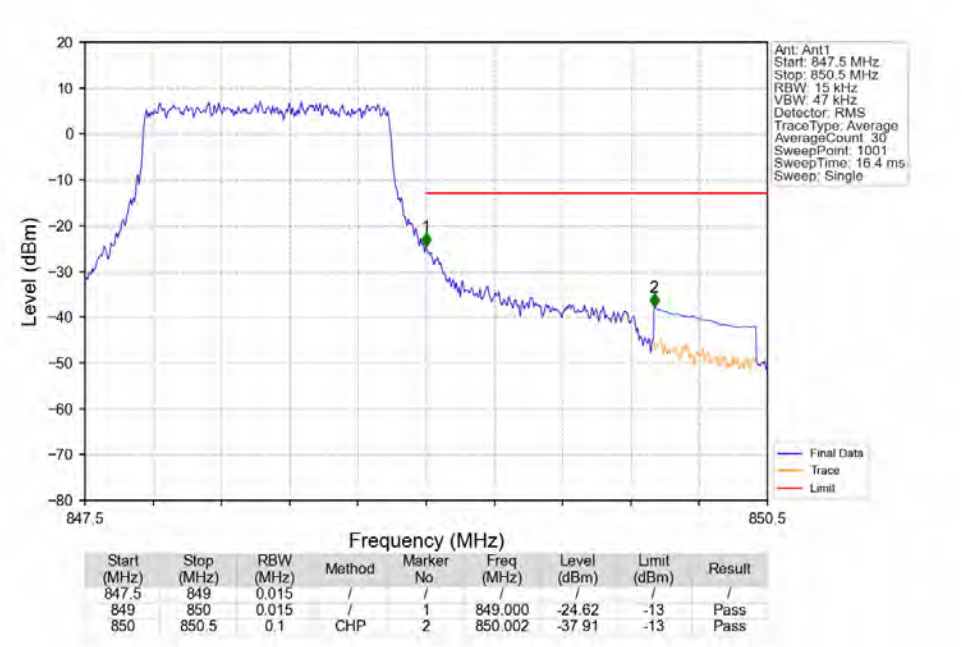



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



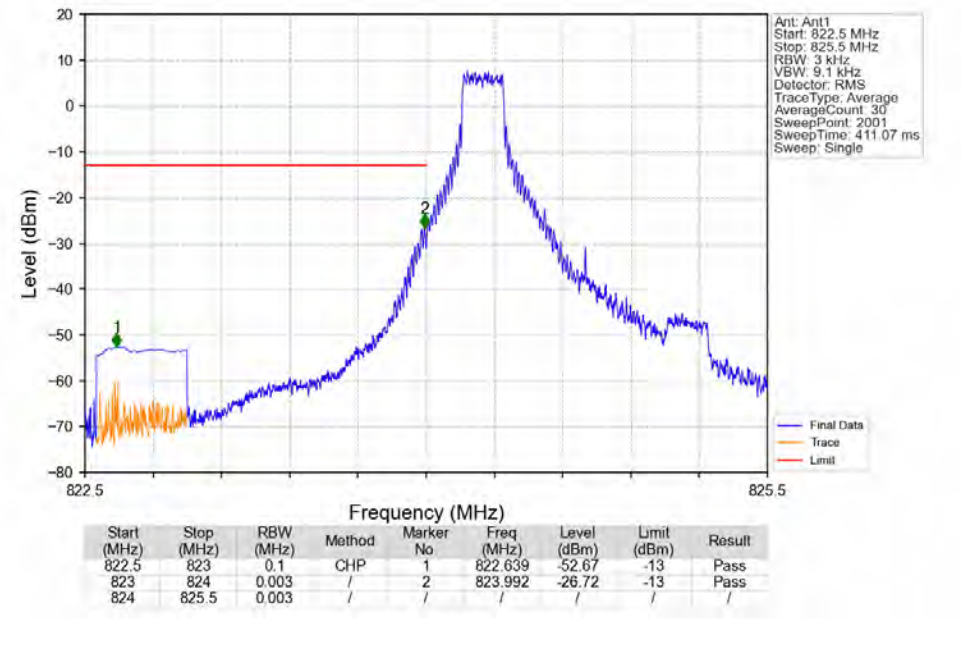

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 847.5 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.008 | -26.37 | -13 | Pass |
| 850 | 850.5 | 0.1 | CHP | 2 | 850.000 | -50.68 | -13 | Pass |

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



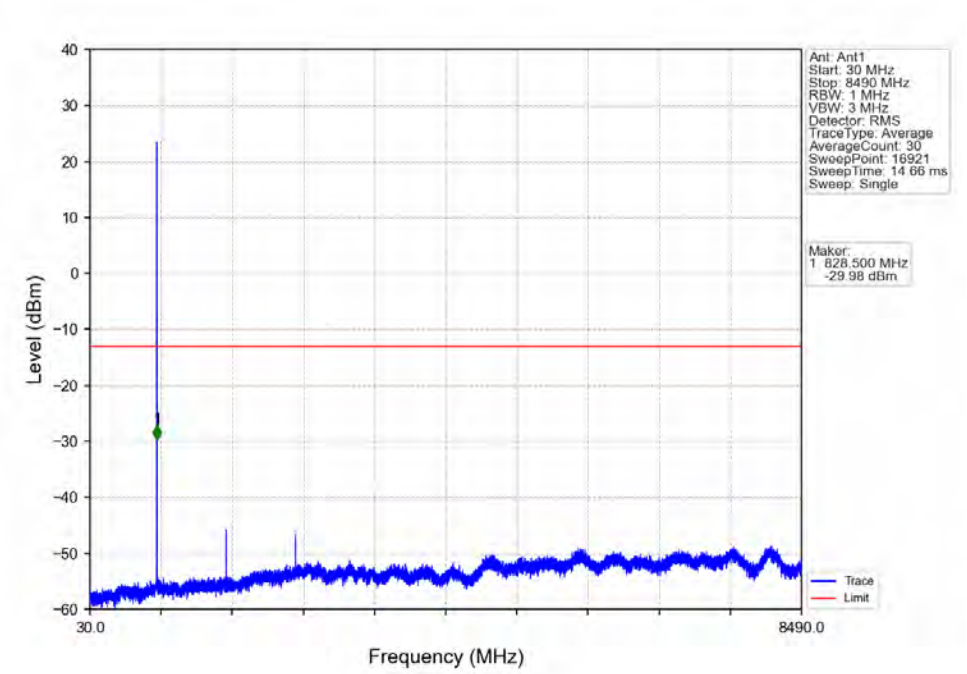

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 847.5 | 849 | 0.015 | / | / | / | / | / | / |
| 849 | 850 | 0.015 | / | 1 | 849.000 | -24.62 | -13 | Pass |
| 850 | 850.5 | 0.1 | CHP | 2 | 850.002 | -37.91 | -13 | Pass |

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

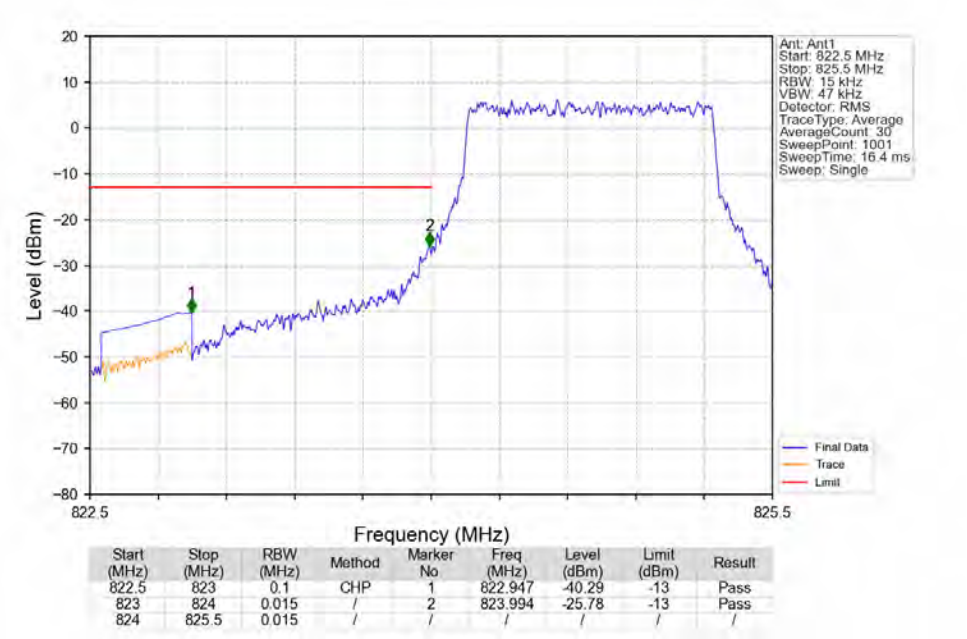



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 823 | 0.1 | CHP | 1 | 822.639 | -52.67 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.992 | -26.72 | -13 | Pass |
| 824 | 825.5 | 0.003 | / | / | / | / | / | / |

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

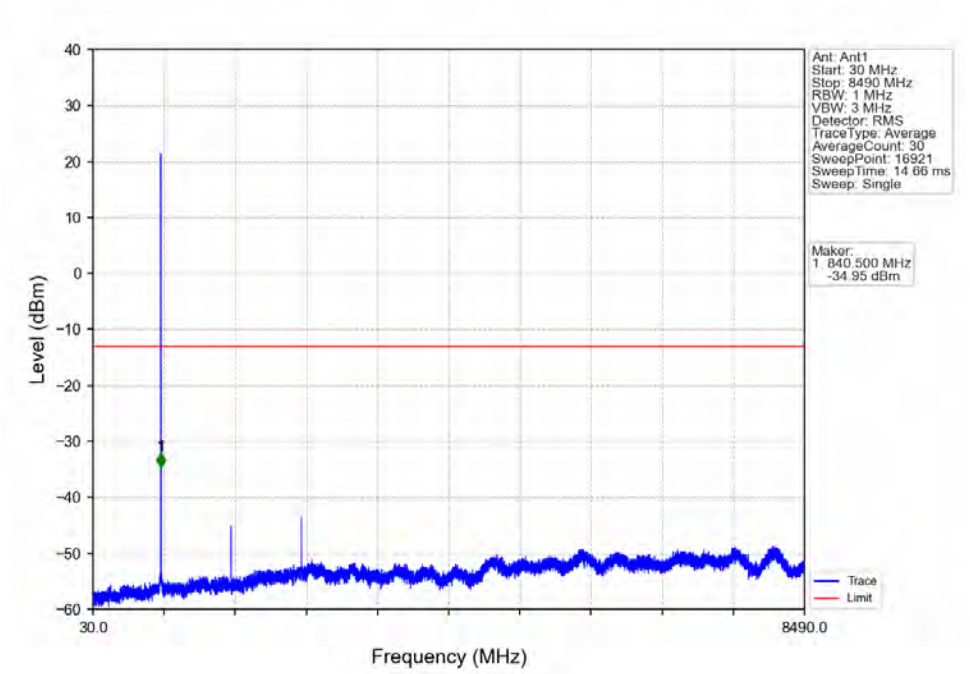



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

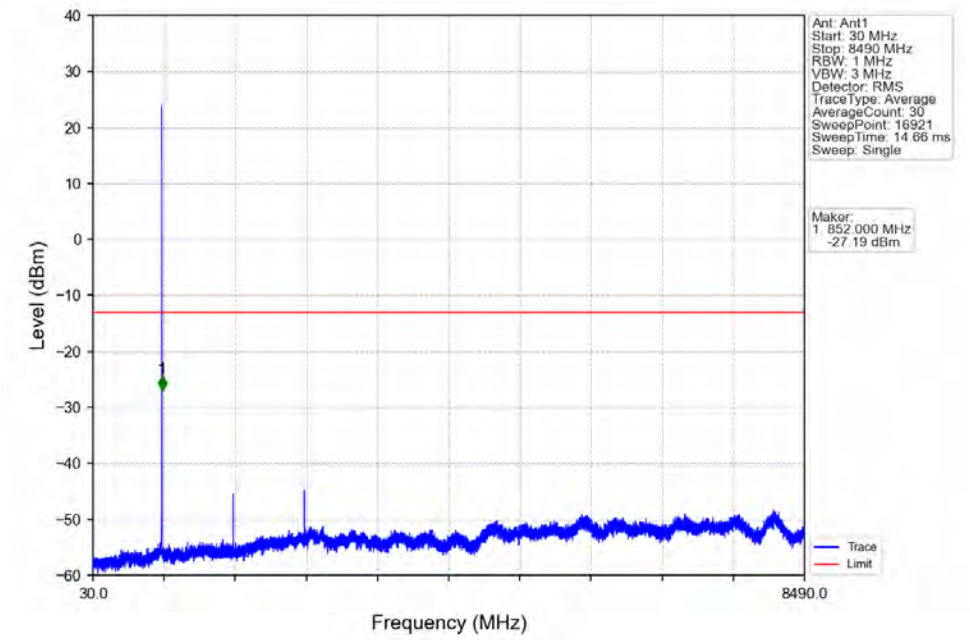



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 823 | 0.1 | CHP | 1 | 822.947 | -40.29 | -13 | Pass |
| 823 | 824 | 0.015 | / | 2 | 823.994 | -25.78 | -13 | Pass |
| 824 | 825.5 | 0.015 | / | / | / | / | / | / |

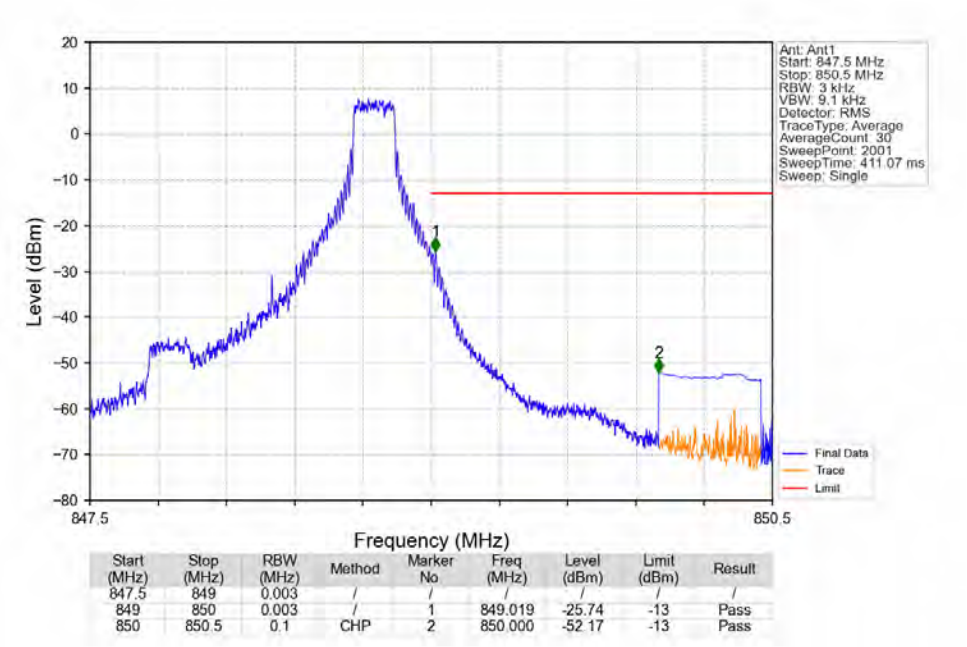
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV




Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

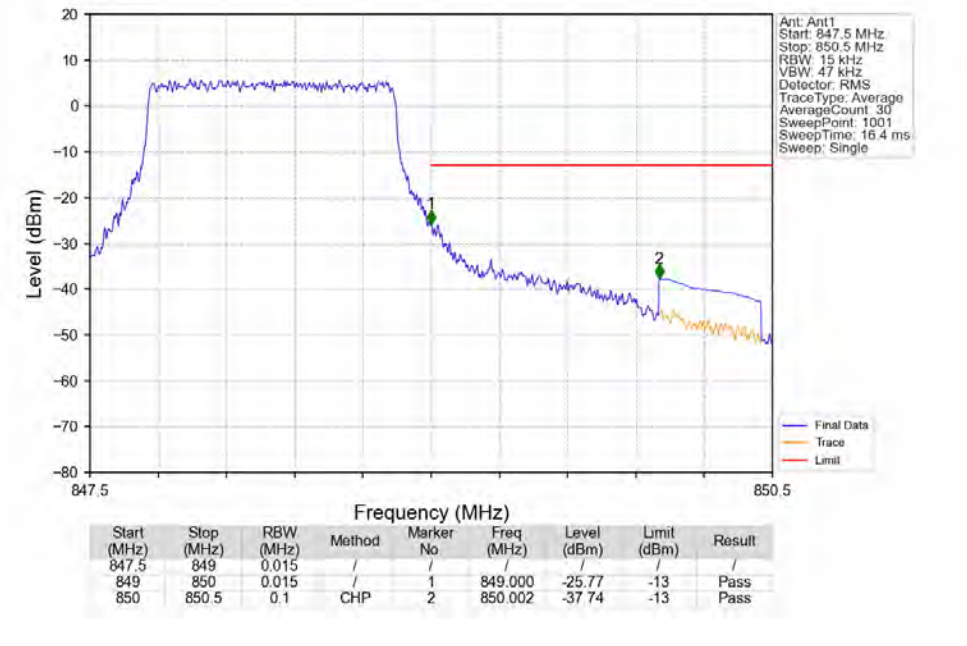


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



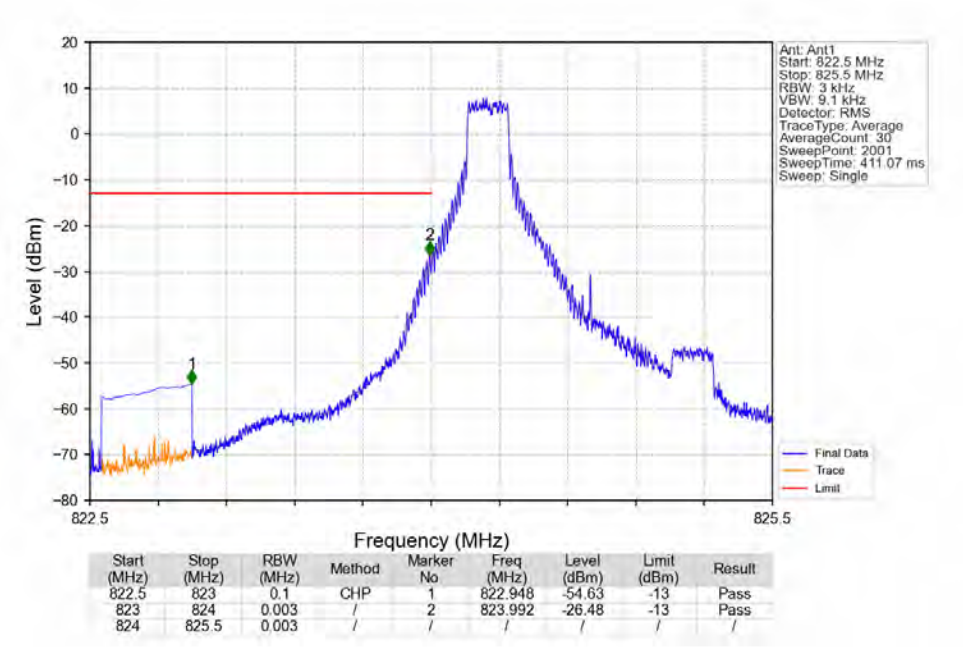

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 847.5 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.019 | -25.74 | -13 | Pass |
| 850 | 850.5 | 0.1 | CHP | 2 | 850.000 | -52.17 | -13 | Pass |

Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



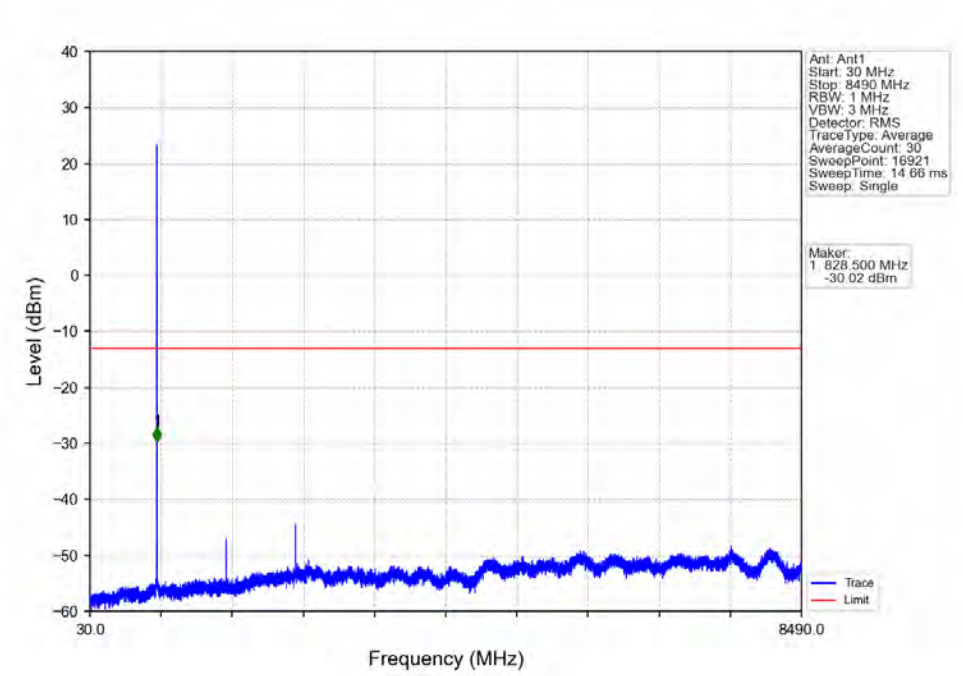

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 847.5 | 849 | 0.015 | / | / | / | / | / | / |
| 849 | 850 | 0.015 | / | 1 | 849.000 | -25.77 | -13 | Pass |
| 850 | 850.5 | 0.1 | CHP | 2 | 850.002 | -37.74 | -13 | Pass |

Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_1_0_NTNV

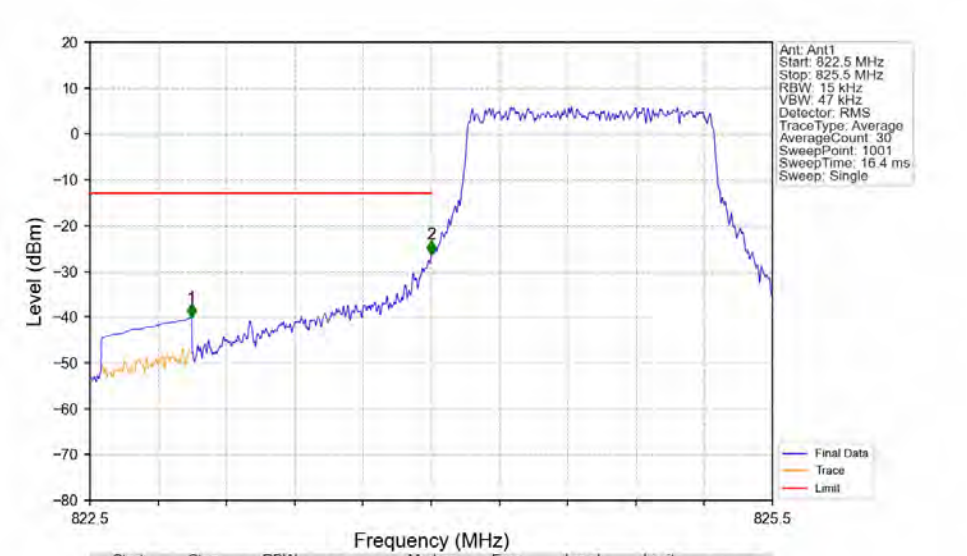



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 823 | 0.1 | CHP | 1 | 822.948 | -54.63 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.992 | -26.48 | -13 | Pass |
| 824 | 825.5 | 0.003 | / | / | / | / | / | / |

Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_1_0_NTNV

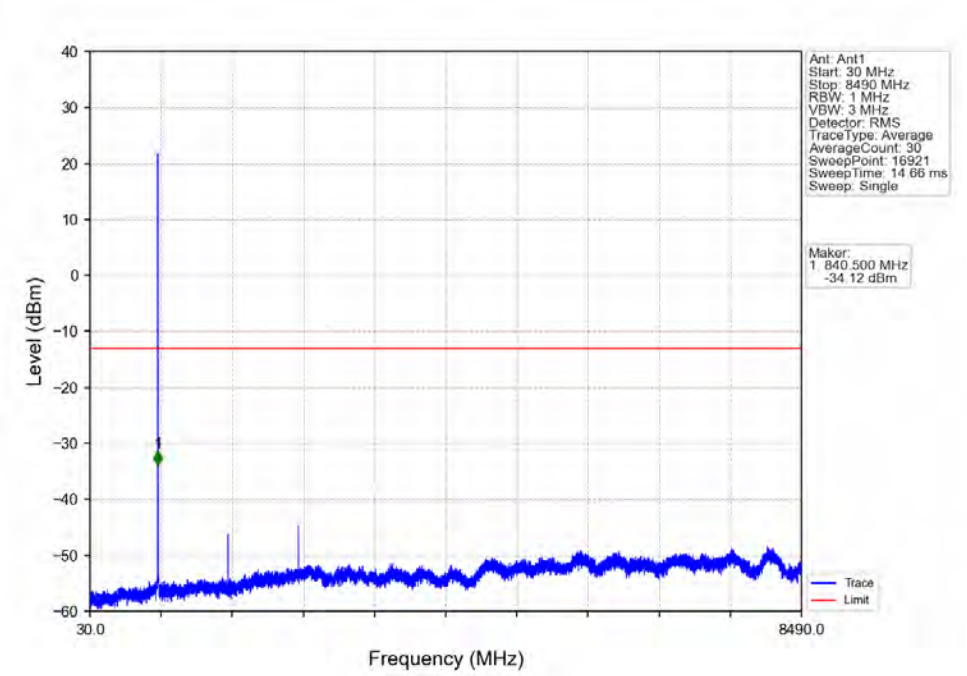


Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV

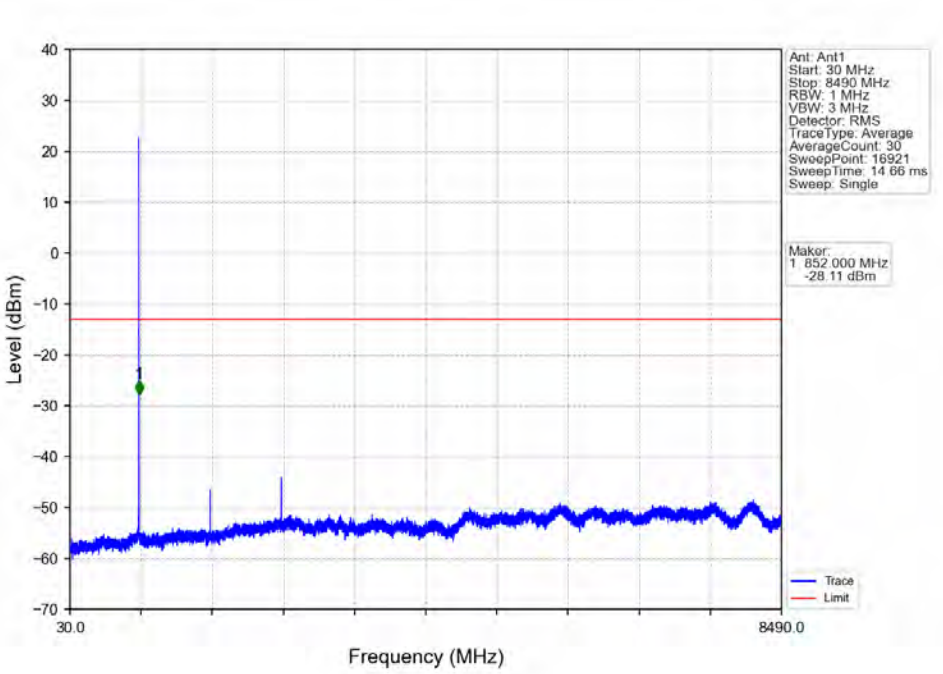



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 822.5 | 823 | 0.1 | CHP | 1 | 822.947 | -40.09 | -13 | Pass |
| 823 | 824 | 0.015 | / | 2 | 824.000 | -26.31 | -13 | Pass |
| 824 | 825.5 | 0.015 | / | / | / | / | / | / |

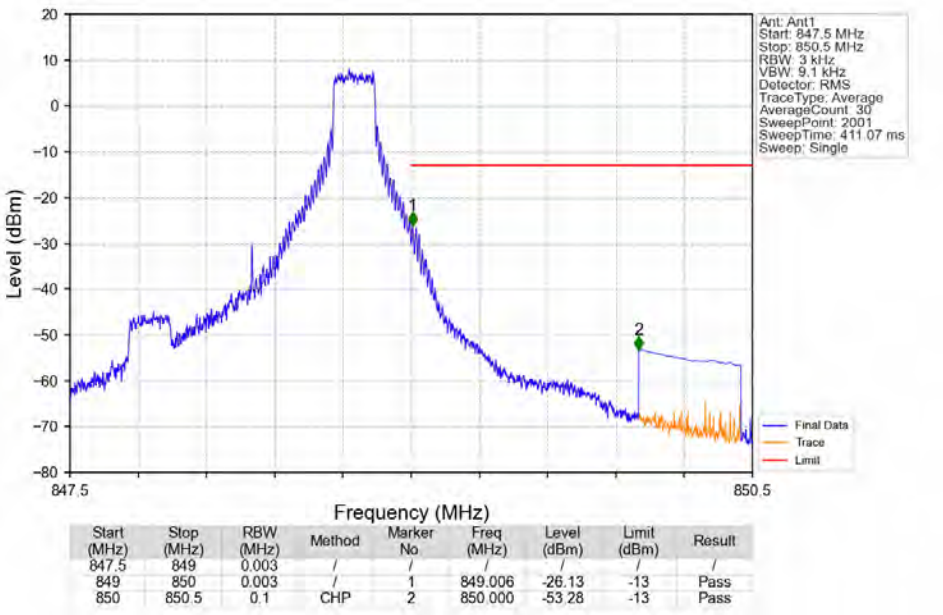
Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_1_0_NTNV

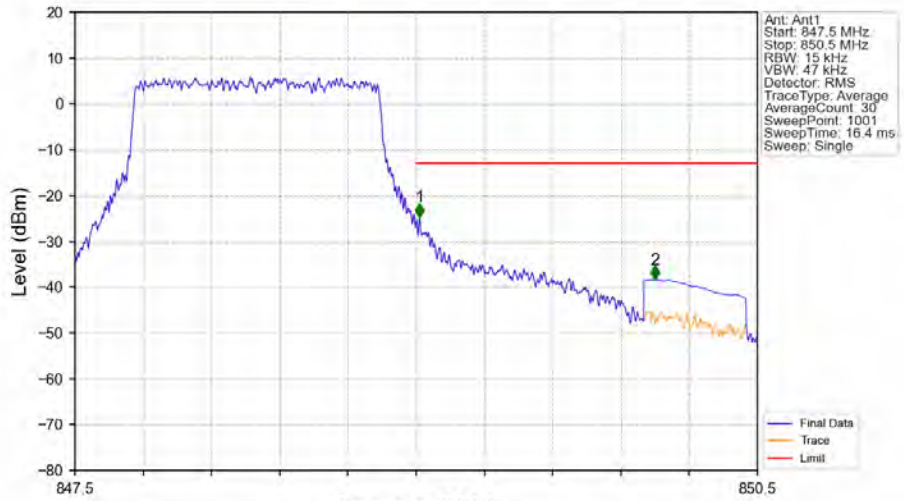



Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_1_5_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 847.5 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.006 | -26.13 | -13 | Pass |
| 850 | 850.5 | 0.1 | CHP | 2 | 850.000 | -53.28 | -13 | Pass |

Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 847.5 | 849 | 0.015 | / | / | / | / | / | / |
| 849 | 850 | 0.015 | / | 1 | 849.015 | -24.72 | -13 | Pass |
| 850 | 850.5 | 0.1 | CHP | 2 | 850.050 | -38.38 | -13 | Pass |

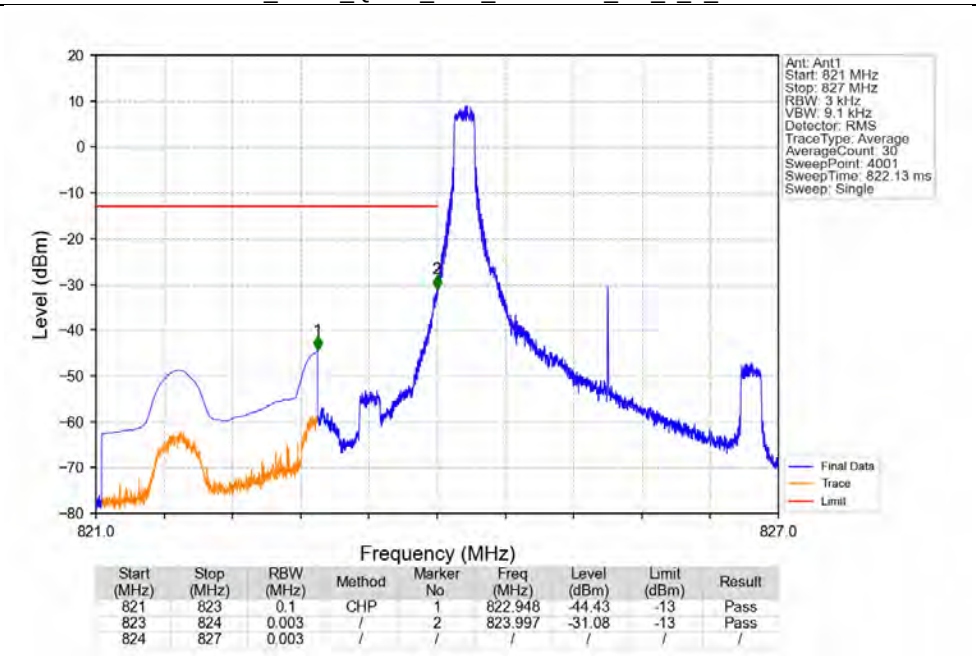
## 5.2 B5_3MHz

### 5.2.1 Test Result

| Band: 5 / 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 |
| 64QAM | 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 |

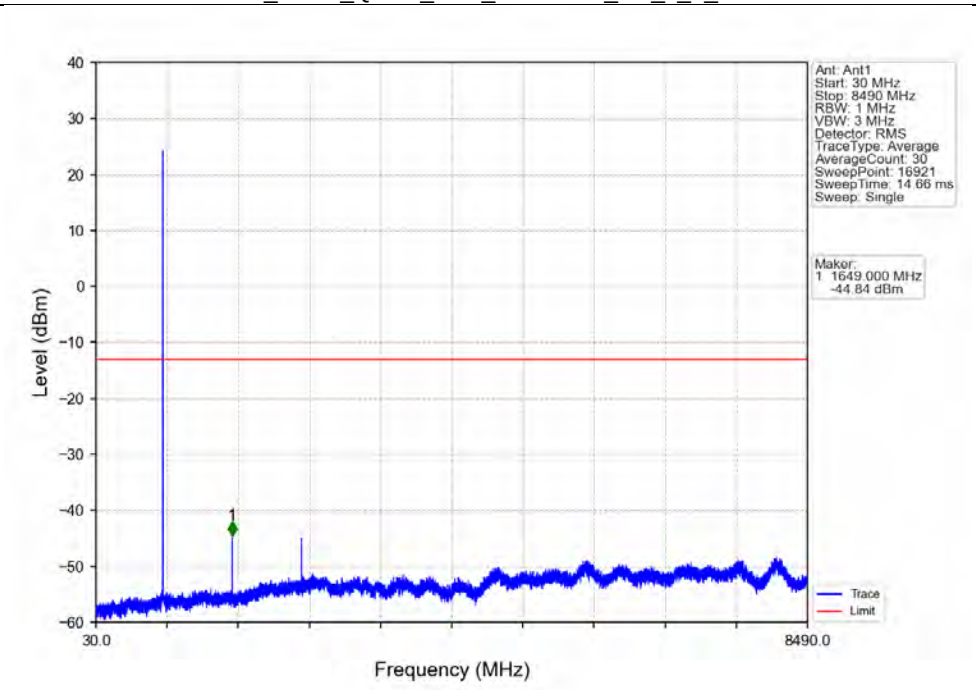
5.2.2 Test Graph

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

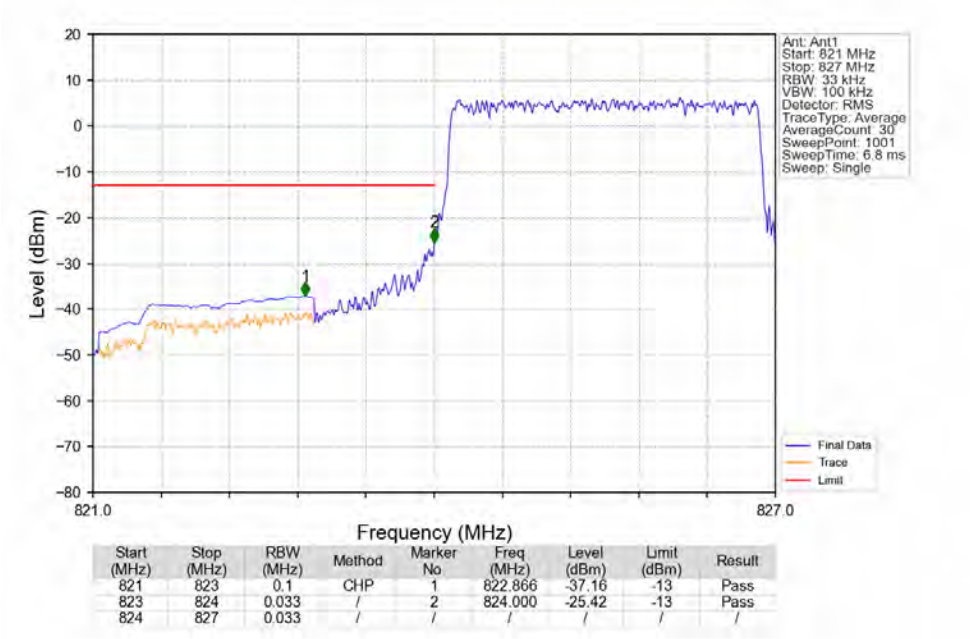



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | CHP | 1 | 822.948 | -44.43 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.997 | -31.08 | -13 | Pass |
| 824 | 827 | 0.003 | / | / | / | / | / | / |

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

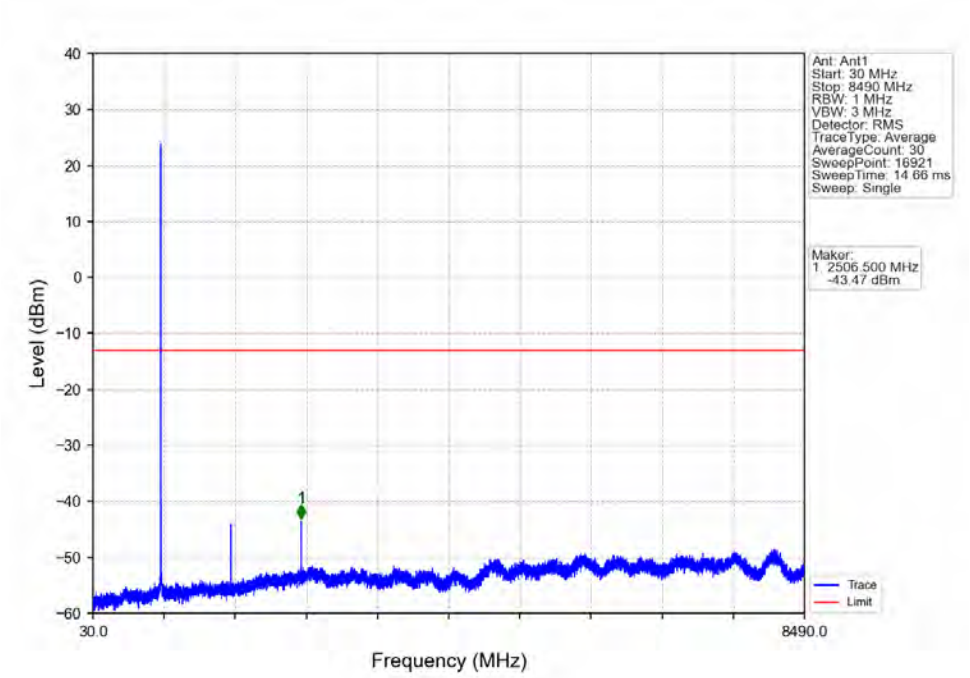


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

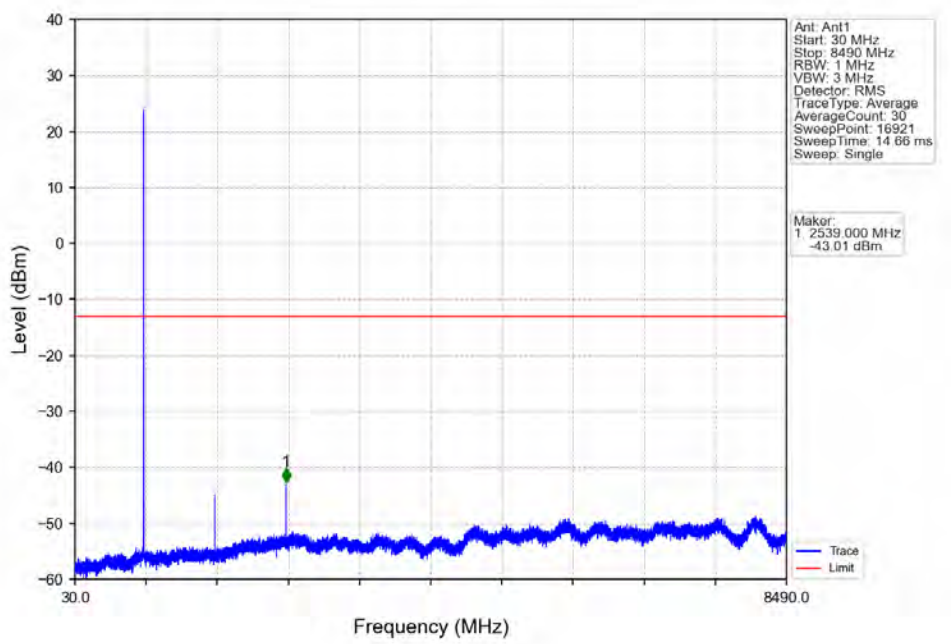



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | CHP | 1 | 822.866 | -37.16 | -13 | Pass |
| 823 | 824 | 0.033 | / | 2 | 824.000 | -25.42 | -13 | Pass |
| 824 | 827 | 0.033 | / | / | / | / | / | / |

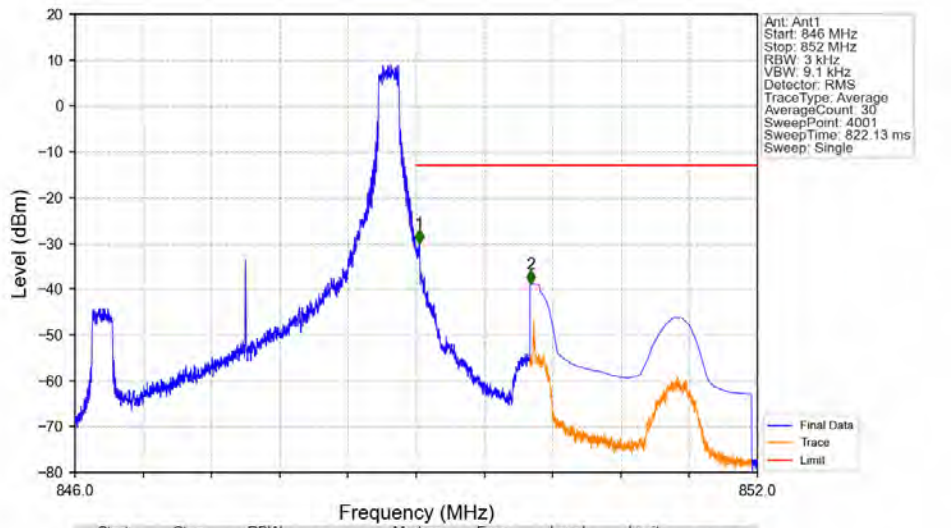
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

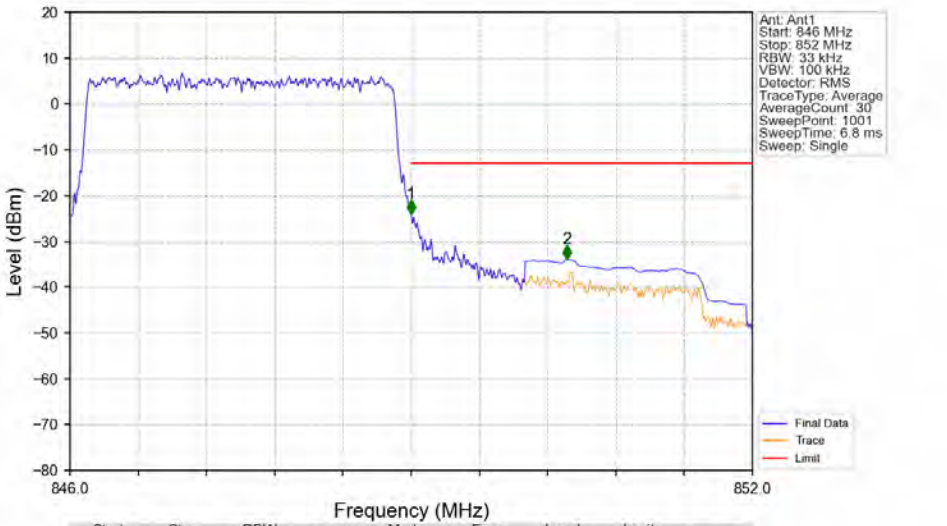



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



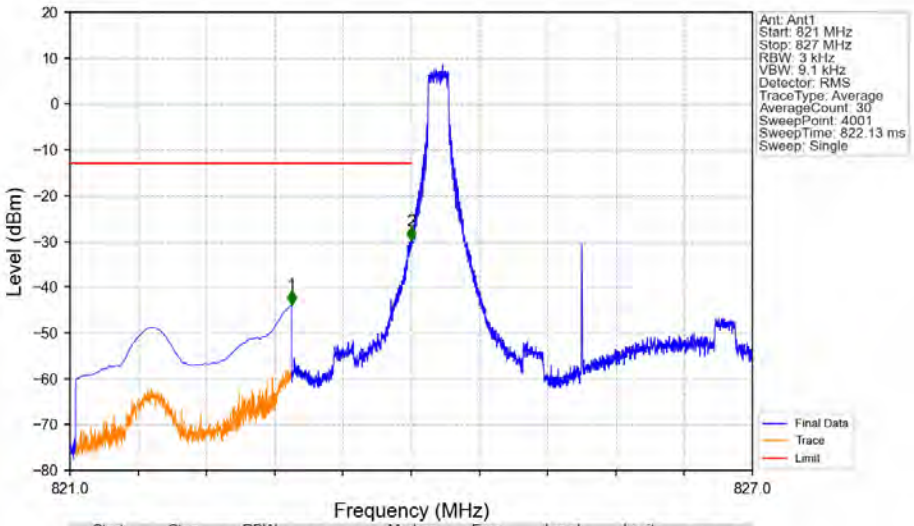

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.029 | -30.10 | -13 | Pass |
| 850 | 852 | 0.1 | CHP | 2 | 850.006 | -38.94 | -13 | Pass |

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



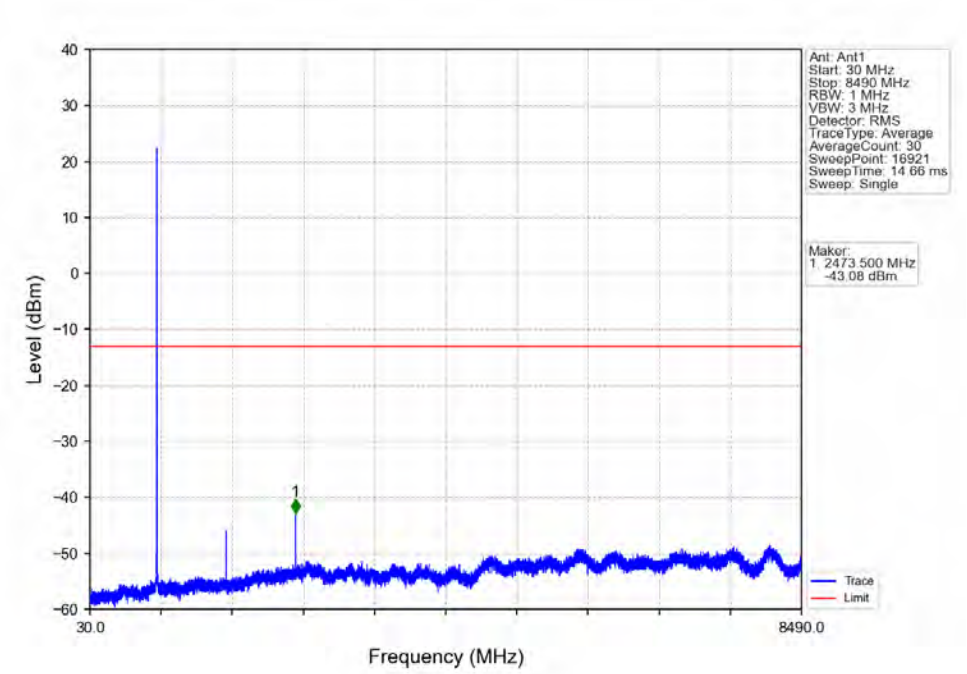

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.033 | / | / | / | / | / | / |
| 849 | 850 | 0.033 | / | 1 | 849.000 | -24.00 | -13 | Pass |
| 850 | 852 | 0.1 | CHP | 2 | 850.368 | -33.90 | -13 | Pass |

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

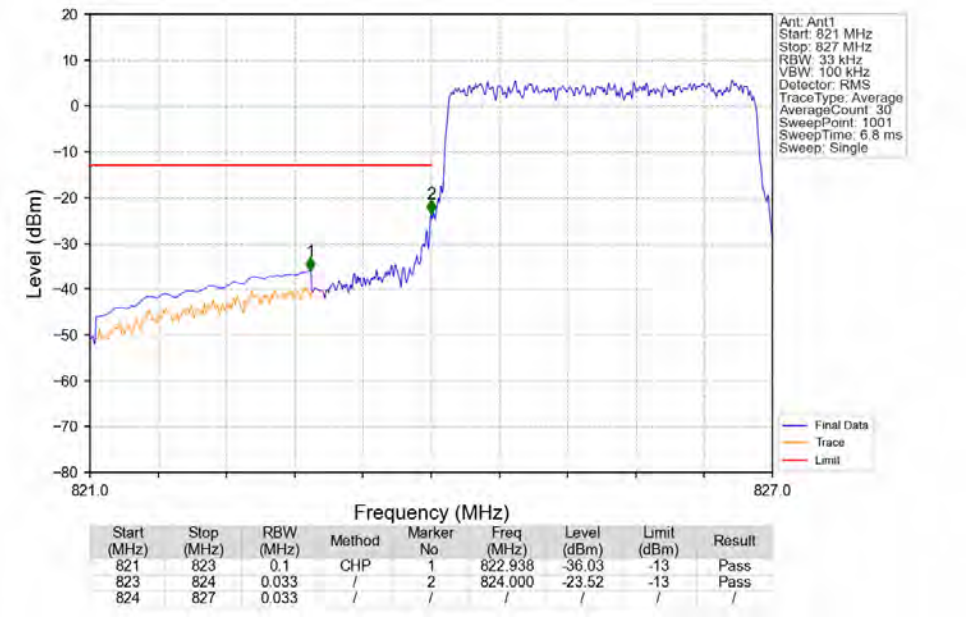



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | CHP | 1 | 822.948 | -43.89 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 824.000 | -29.91 | -13 | Pass |
| 824 | 827 | 0.003 | / | / | / | / | / | / |

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

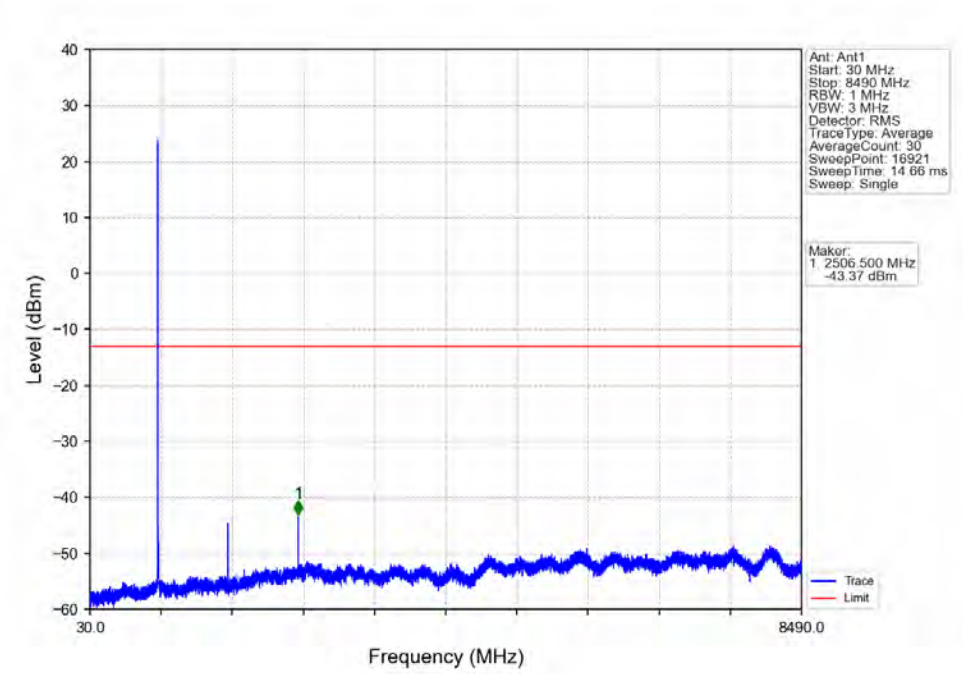



Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

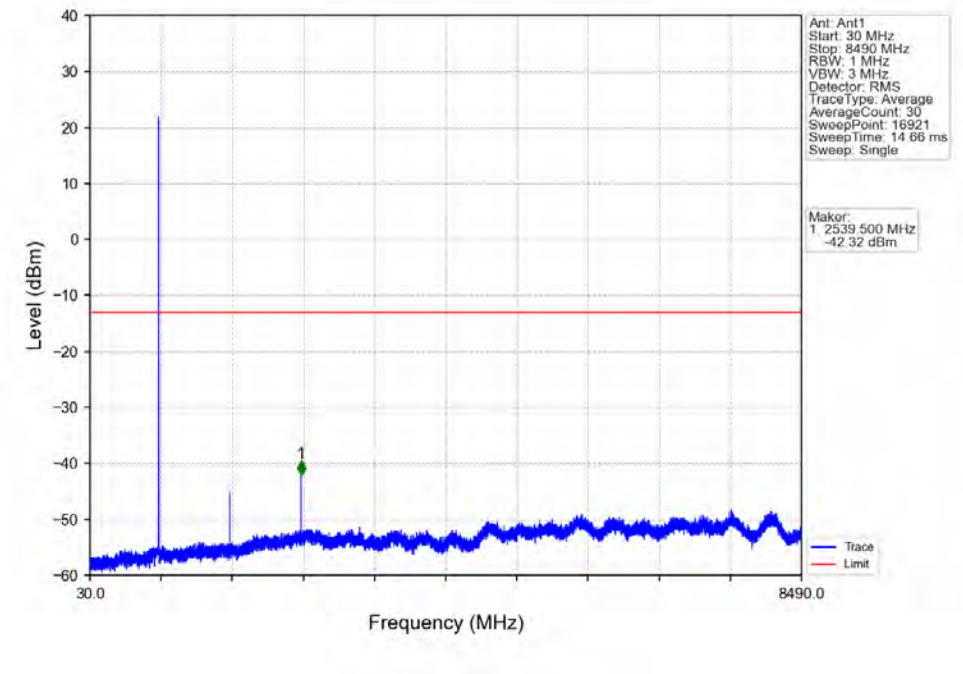



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | CHP | 1 | 822.938 | -36.03 | -13 | Pass |
| 823 | 824 | 0.033 | / | 2 | 824.000 | -23.52 | -13 | Pass |
| 824 | 827 | 0.033 | / | / | / | / | / | / |

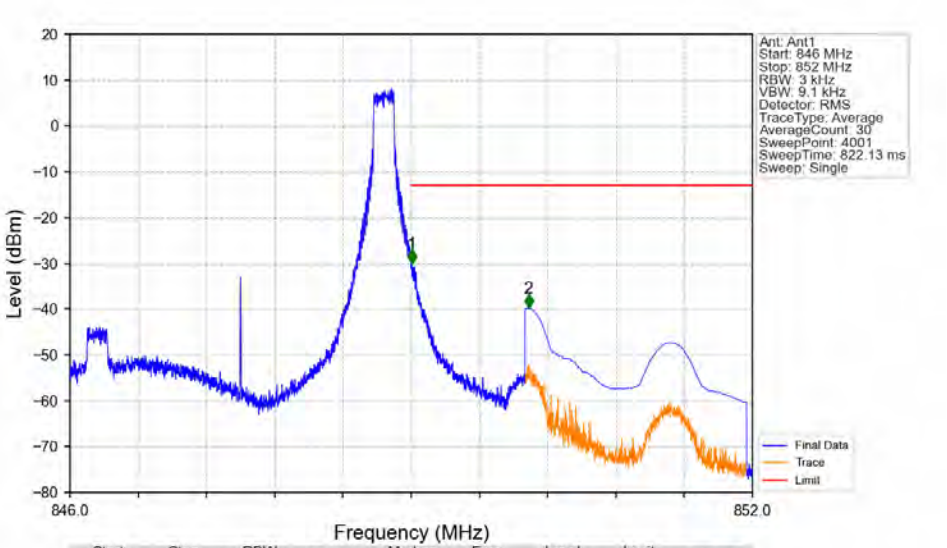
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV




Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

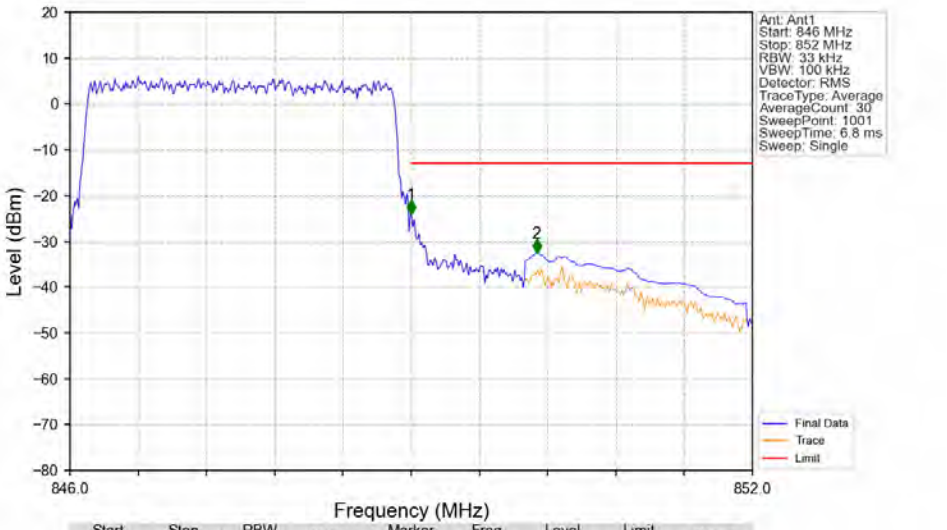


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



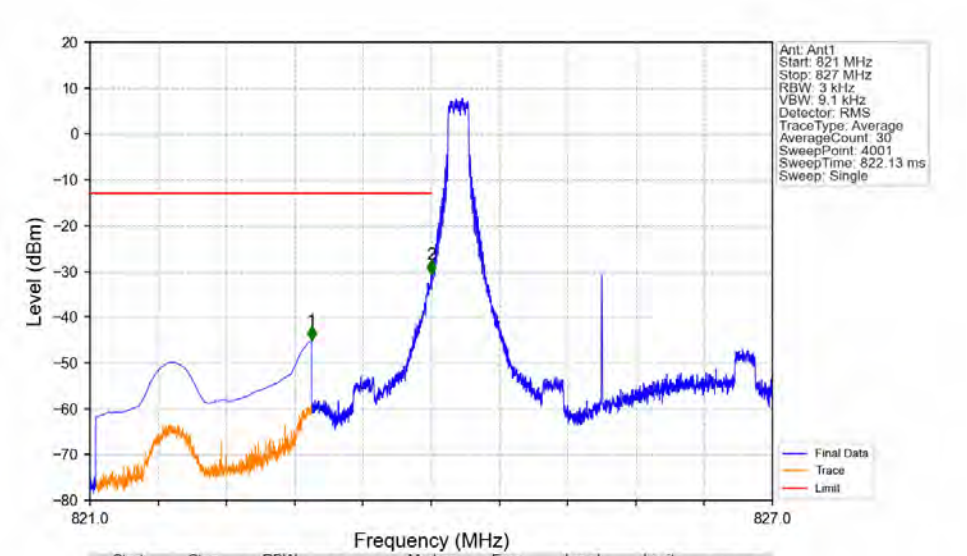

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.005 | -30.08 | -13 | Pass |
| 850 | 852 | 0.1 | CHP | 2 | 850.032 | -39.84 | -13 | Pass |

Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



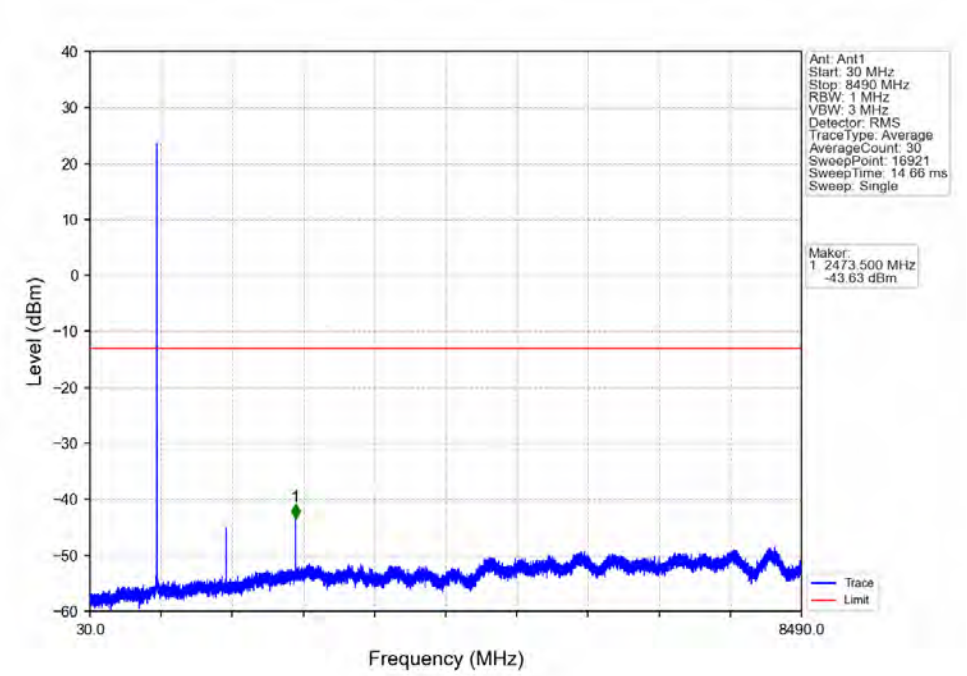

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.033 | / | / | / | / | / | / |
| 849 | 850 | 0.033 | / | 1 | 849.000 | -24.17 | -13 | Pass |
| 850 | 852 | 0.1 | CHP | 2 | 850.104 | -32.57 | -13 | Pass |

Band5_3MHz_64QAM_LCH_825.5MHz_RB_1_0_NTNV

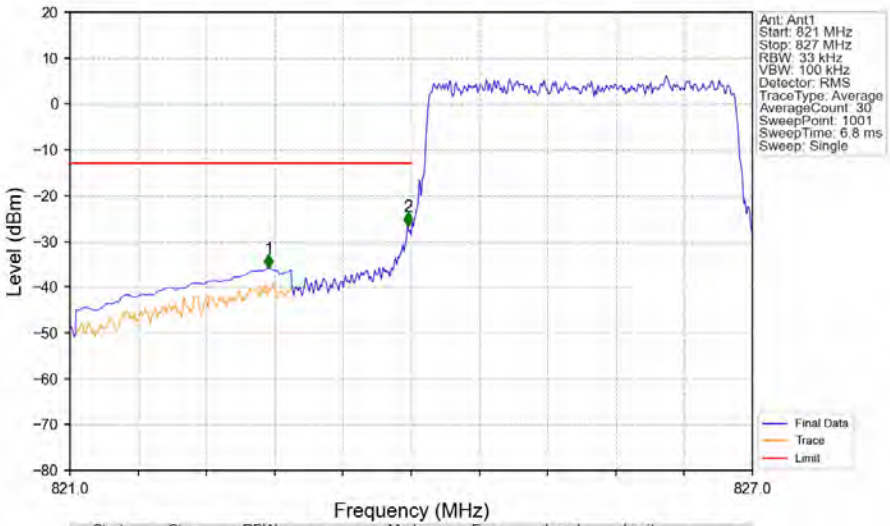



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | CHP | 1 | 822.948 | -45.14 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.999 | -30.62 | -13 | Pass |
| 824 | 827 | 0.003 | / | / | / | / | / | / |

Band5_3MHz_64QAM_LCH_825.5MHz_RB_1_0_NTNV

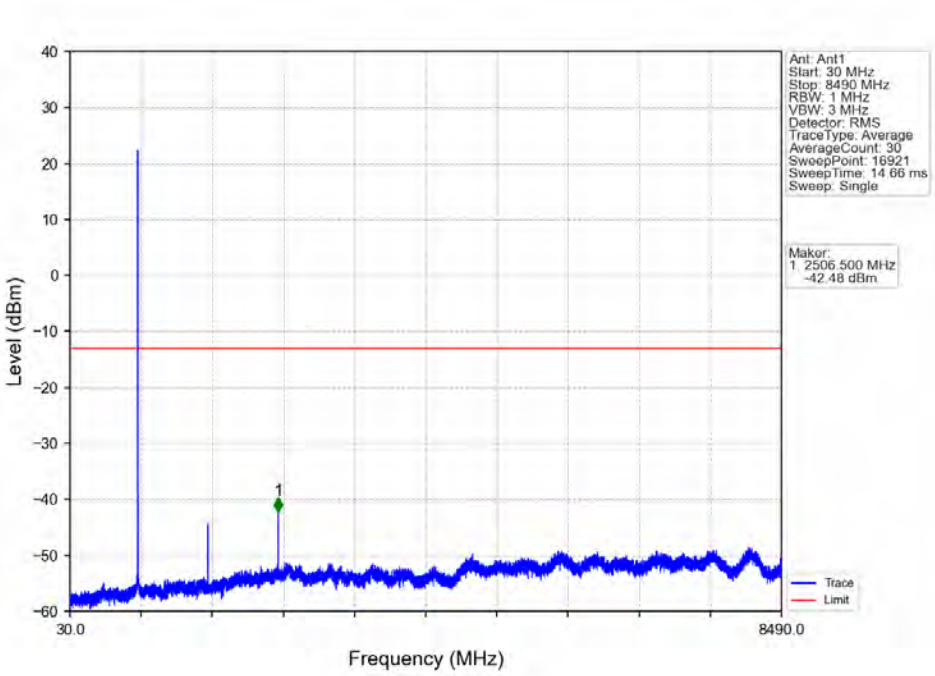


Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV

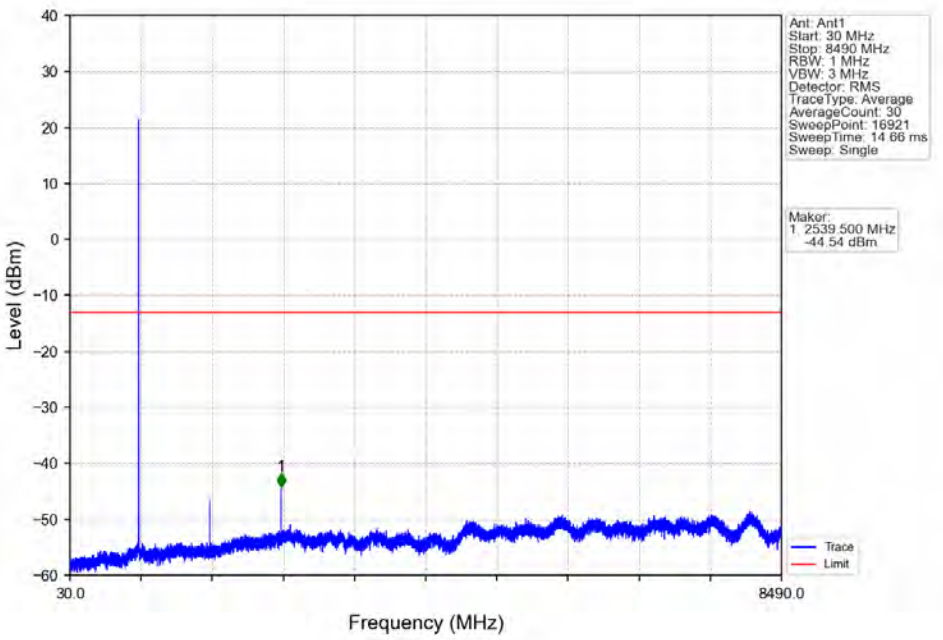



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | CHP | 1 | 822.746 | -35.86 | -13 | Pass |
| 823 | 824 | 0.033 | / | 2 | 823.970 | -26.68 | -13 | Pass |
| 824 | 827 | 0.033 | / | / | / | / | / | / |

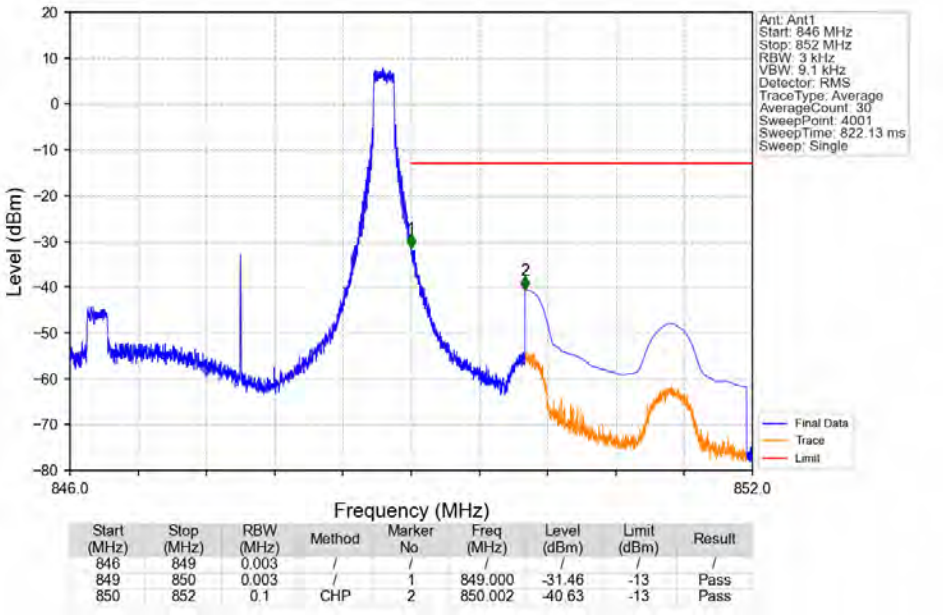
Band5_3MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_3MHz_64QAM_HCH_847.5MHz_RB_1_0_NTNV

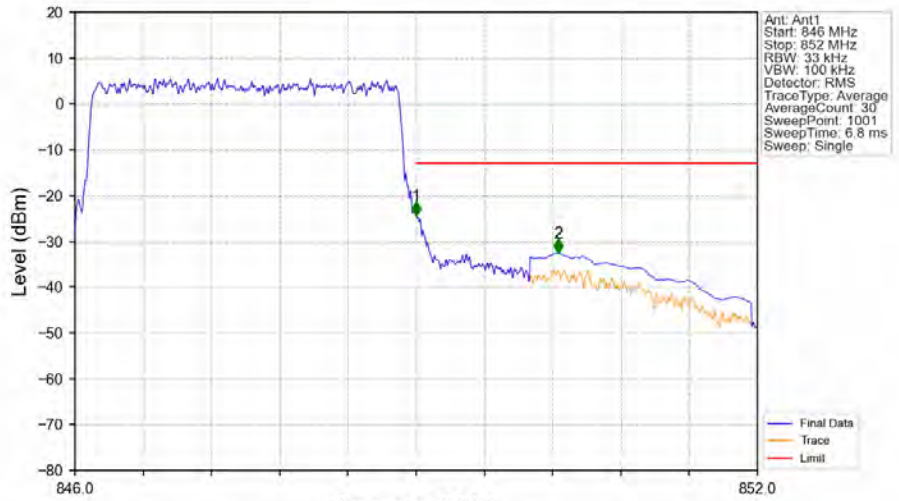



Band5_3MHz_64QAM_HCH_847.5MHz_RB_1_14_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.000 | -31.46 | -13 | Pass |
| 850 | 852 | 0.1 | CHP | 2 | 850.002 | -40.63 | -13 | Pass |

Band5_3MHz_64QAM_HCH_847.5MHz_RB_15_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.033 | / | / | / | / | / | / |
| 849 | 850 | 0.033 | / | 1 | 849.000 | -24.42 | -13 | Pass |
| 850 | 852 | 0.1 | CHP | 2 | 850.248 | -32.63 | -13 | Pass |

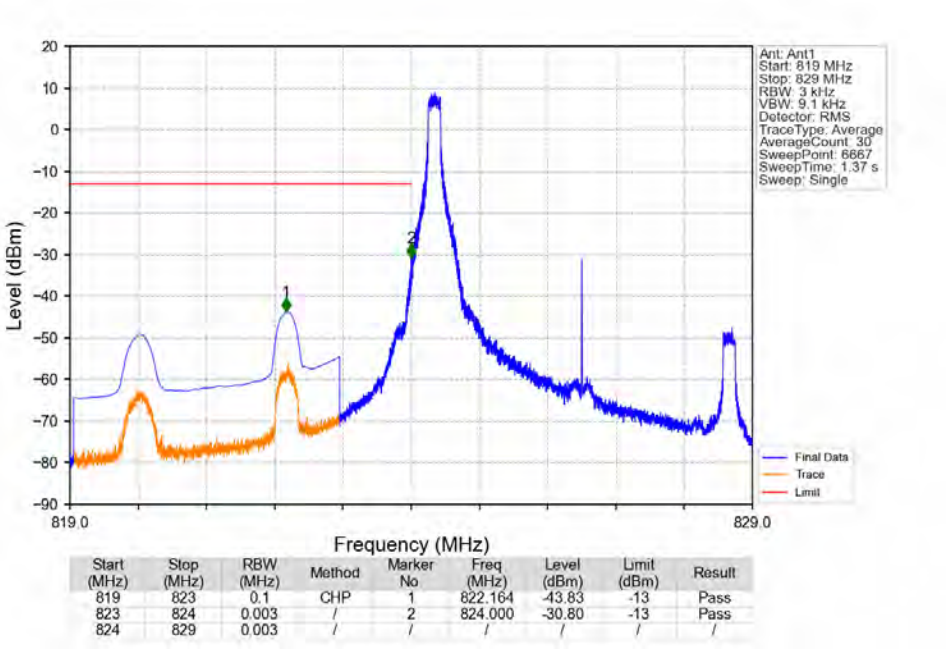
## 5.3 B5_5MHz

### 5.3.1 Test Result

| Band: 5 / 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 |
| 64QAM | 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 |

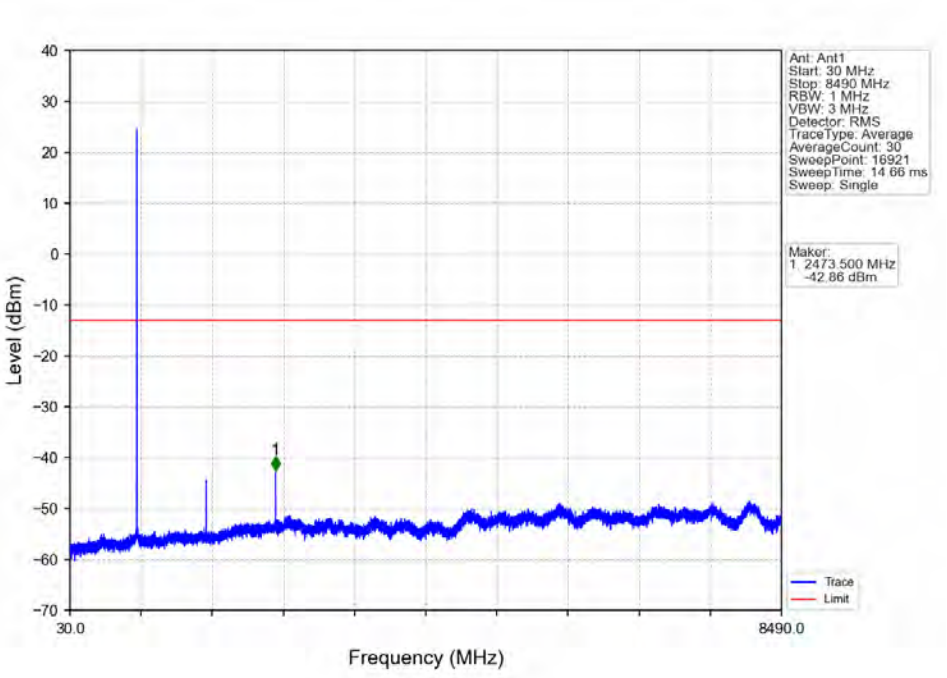
5.3.2 Test Graph

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

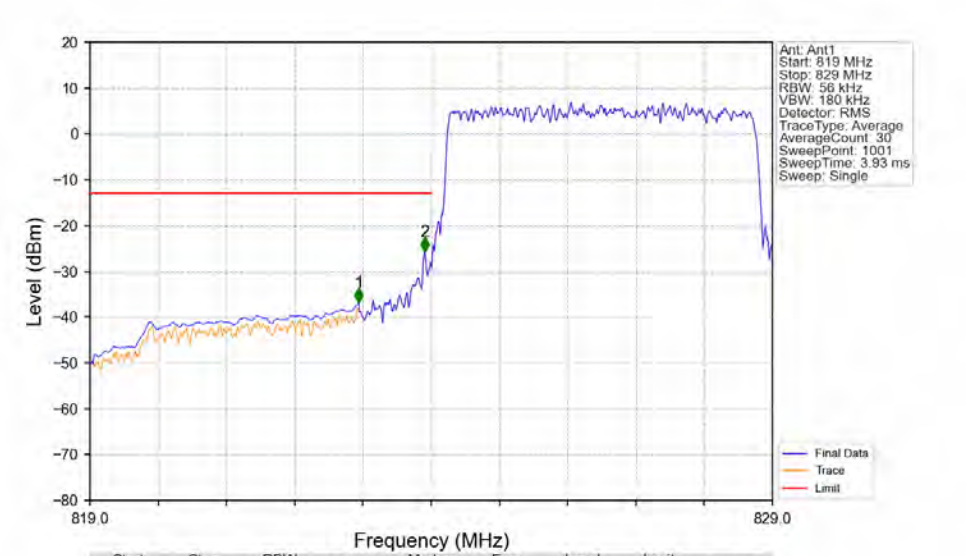



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 823 | 0.1 | CHP | 1 | 822.164 | -43.83 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 824.000 | -30.80 | -13 | Pass |
| 824 | 829 | 0.003 | / | / | / | / | / | / |

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

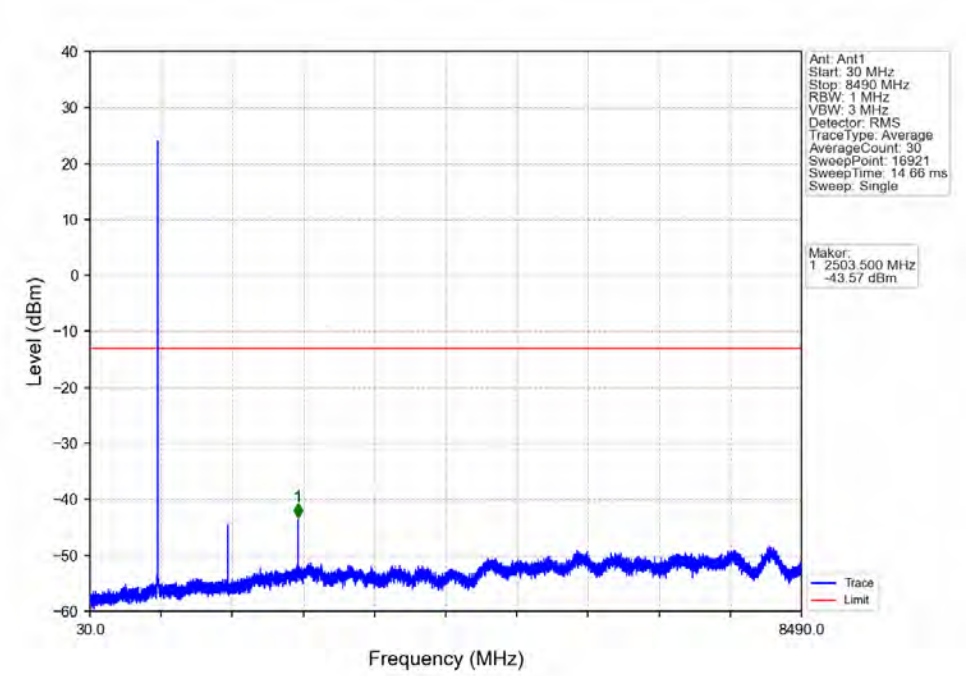


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

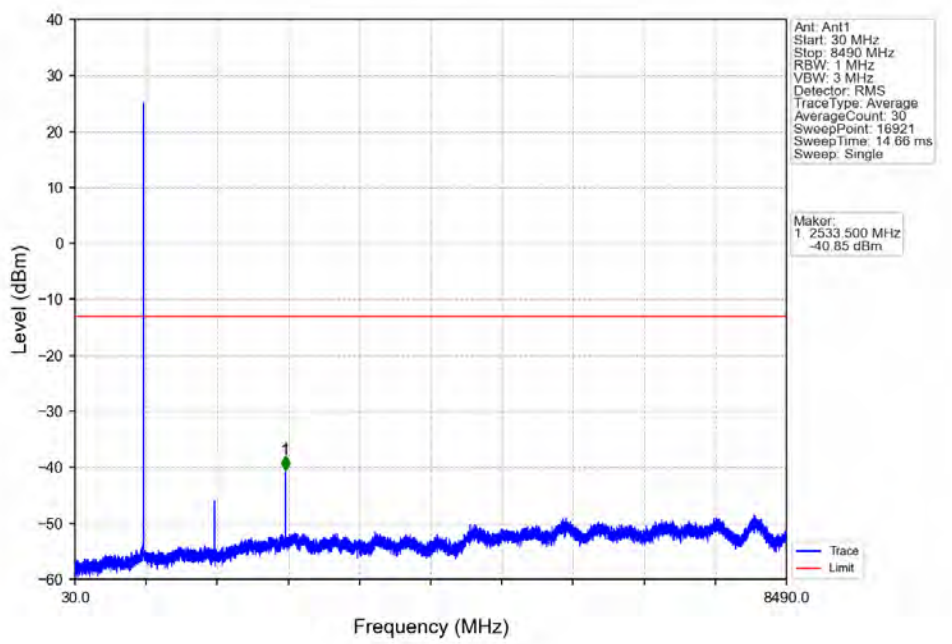



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 823 | 0.1 | CHP | 1 | 822.940 | -36.87 | -13 | Pass |
| 823 | 824 | 0.056 | / | 2 | 823.910 | -25.75 | -13 | Pass |
| 824 | 829 | 0.056 | / | / | / | / | / | / |

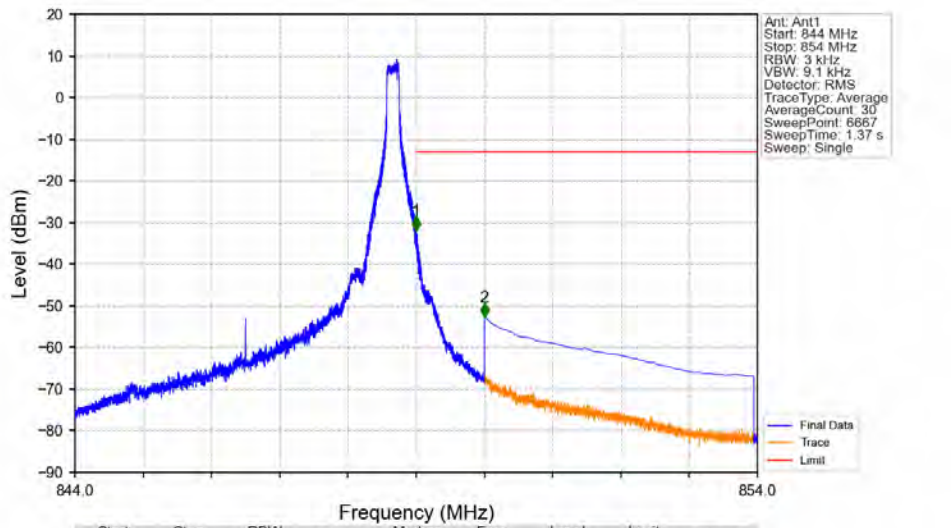
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

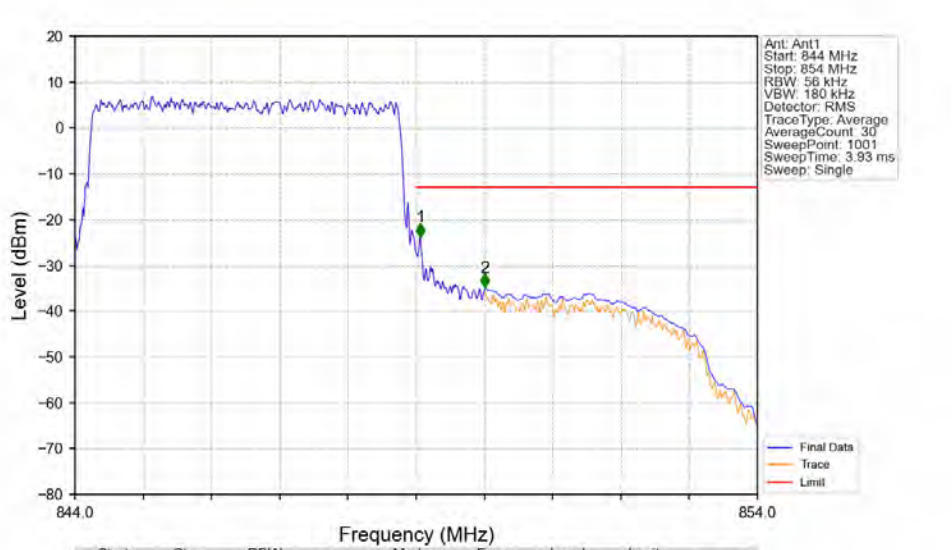



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



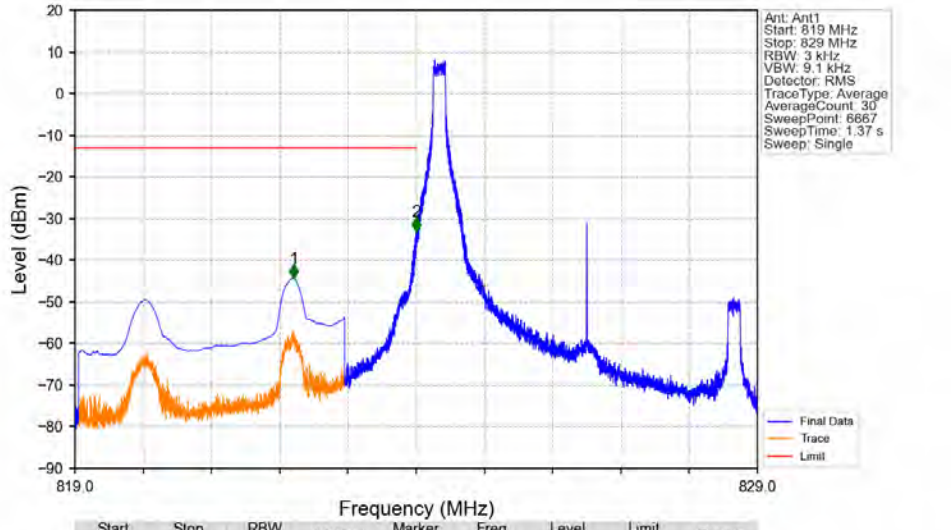

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 844 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.000 | -31.97 | -13 | Pass |
| 850 | 854 | 0.1 | CHP | 2 | 850.001 | -52.79 | -13 | Pass |

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



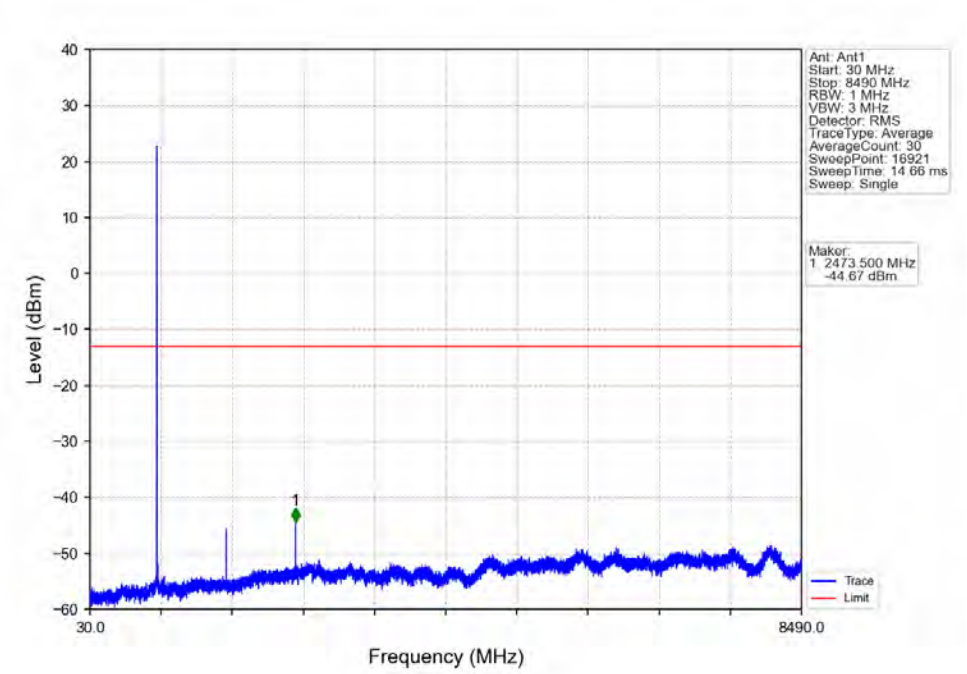

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 844 | 849 | 0.056 | / | / | / | / | / | / |
| 849 | 850 | 0.056 | / | 1 | 849.060 | -23.83 | -13 | Pass |
| 850 | 854 | 0.1 | CHP | 2 | 850.010 | -34.81 | -13 | Pass |

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

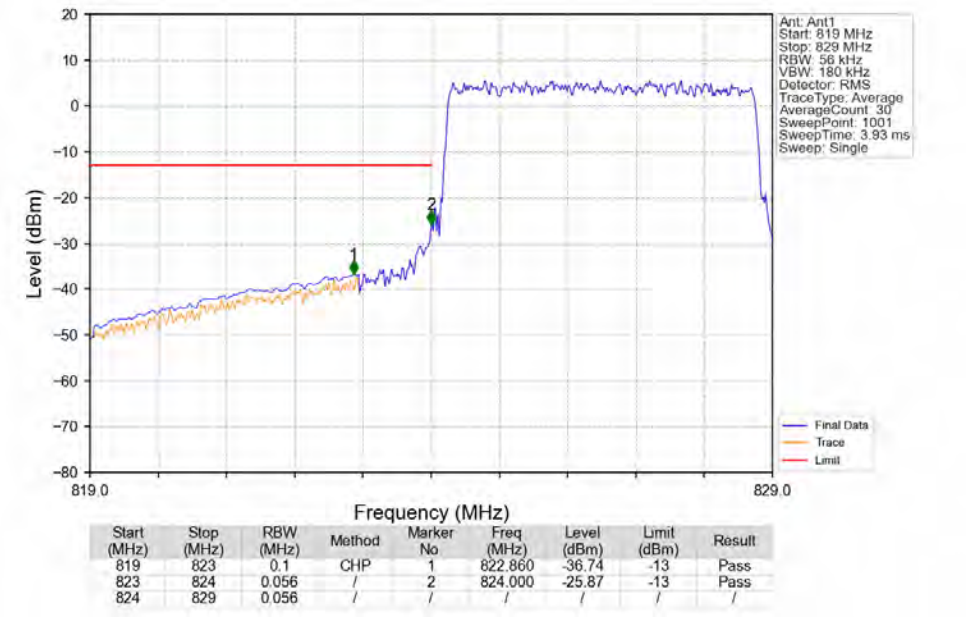



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 823 | 0.1 | CHP | 1 | 822.206 | -44.39 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 824.000 | -33.11 | -13 | Pass |
| 824 | 829 | 0.003 | / | / | / | / | / | / |

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

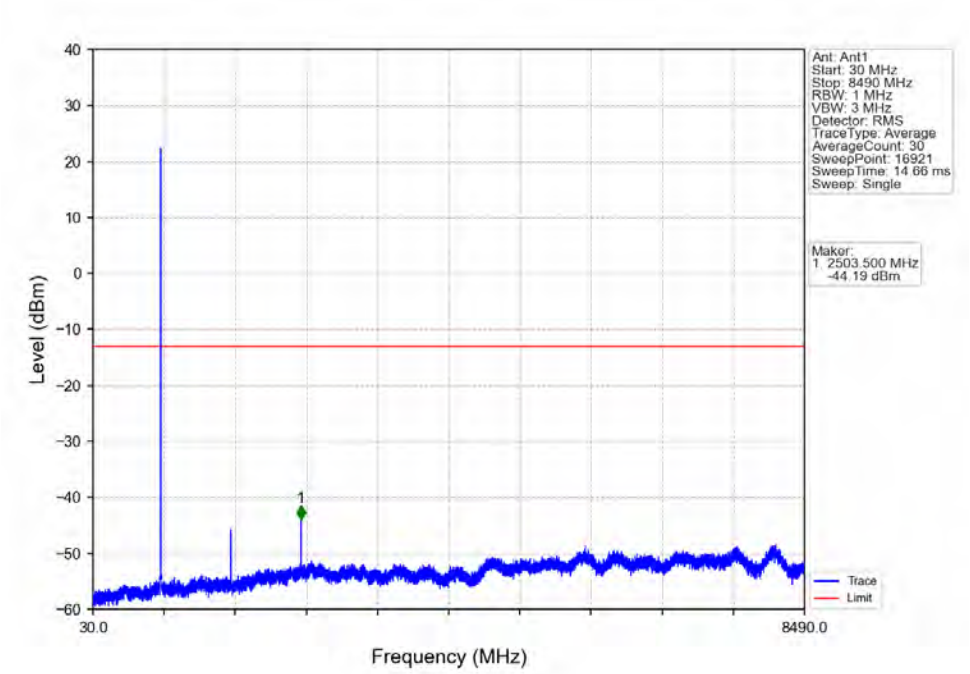



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

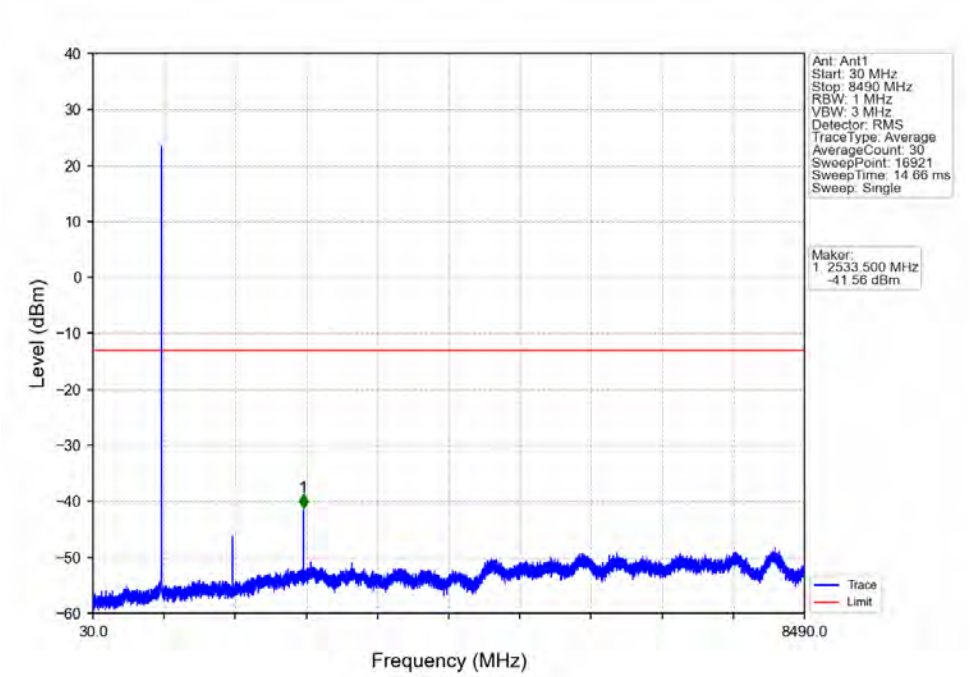



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 823 | 0.1 | CHP | 1 | 822.860 | -36.74 | -13 | Pass |
| 823 | 824 | 0.056 | / | 2 | 824.000 | -25.87 | -13 | Pass |
| 824 | 829 | 0.056 | / | / | / | / | / | / |

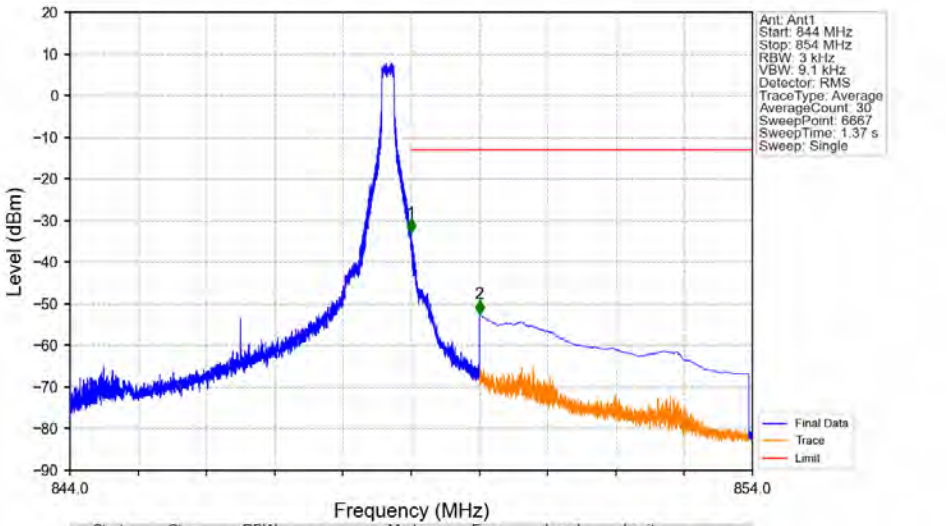
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV




Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

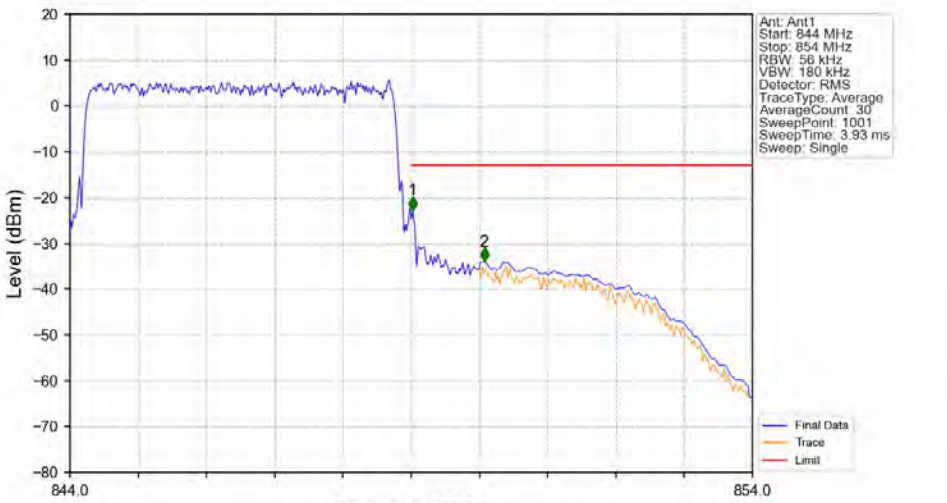


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



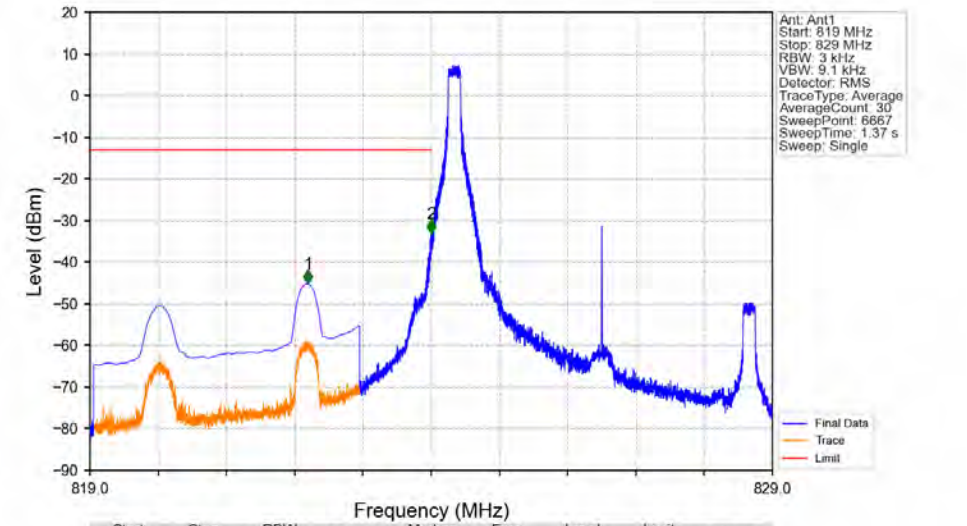

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 844 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.000 | -33.00 | -13 | Pass |
| 850 | 854 | 0.1 | CHP | 2 | 850.001 | -52.48 | -13 | Pass |

Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



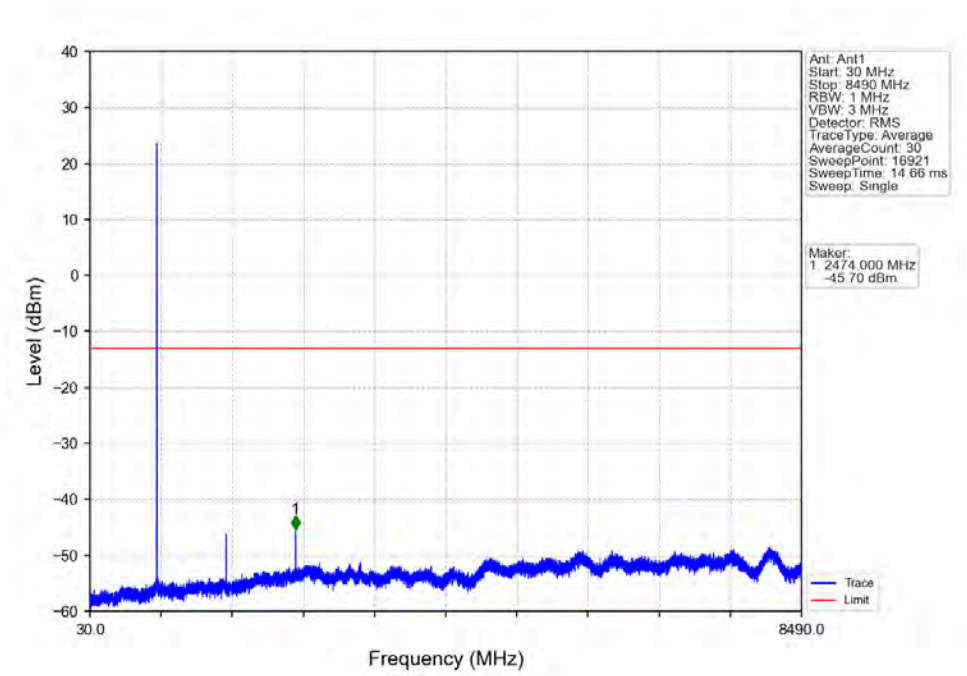

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 844 | 849 | 0.056 | / | / | / | / | / | / |
| 849 | 850 | 0.056 | / | 1 | 849.020 | -22.78 | -13 | Pass |
| 850 | 854 | 0.1 | CHP | 2 | 850.070 | -33.95 | -13 | Pass |

Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV

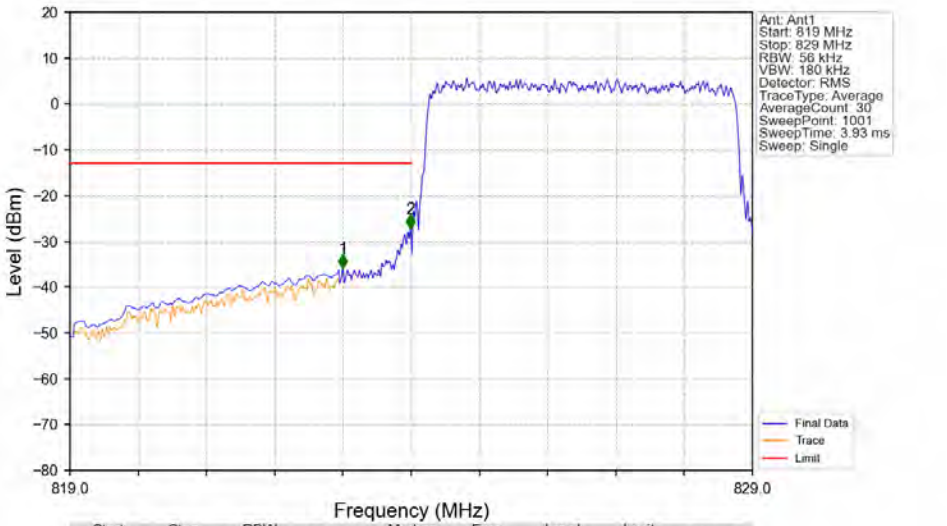



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 823 | 0.1 | CHP | 1 | 822.195 | -45.22 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.999 | -33.22 | -13 | Pass |
| 824 | 829 | 0.003 | / | / | / | / | / | / |

Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV

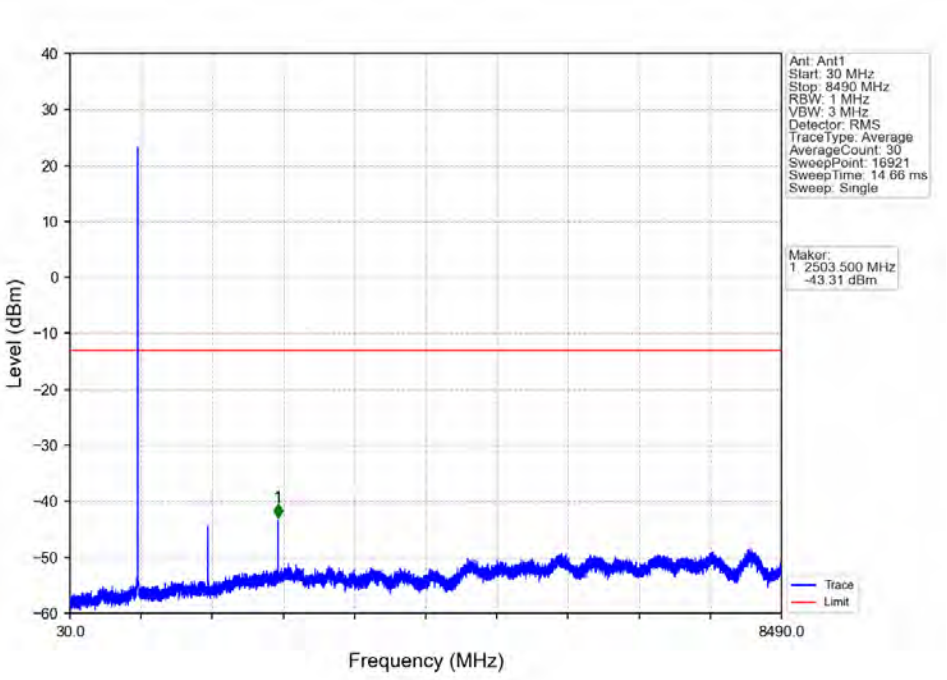


Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV

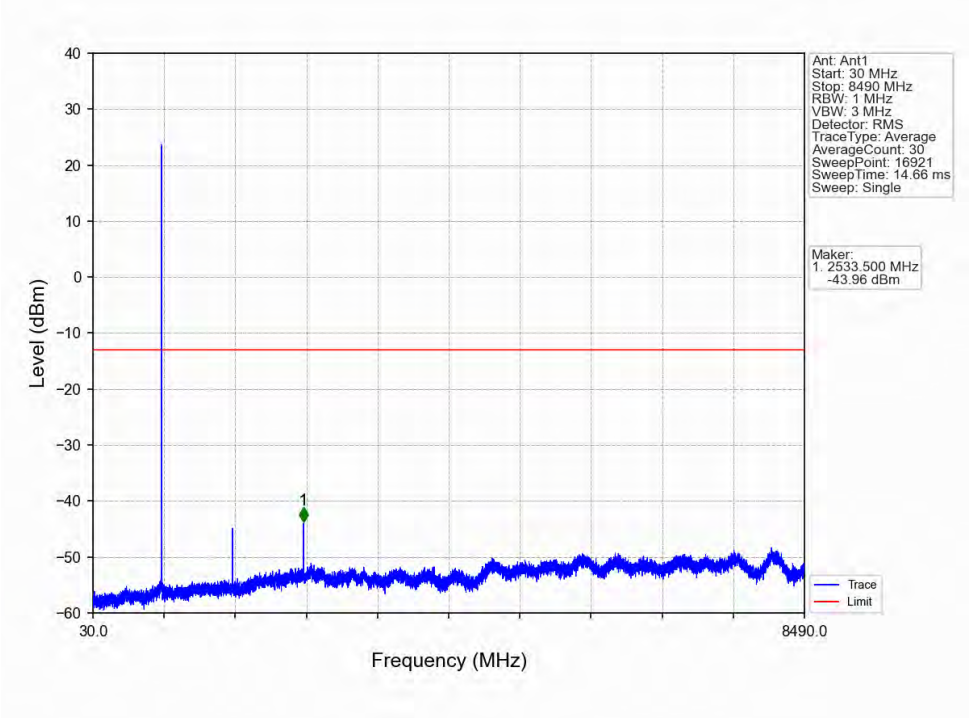



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 823 | 0.1 | CHP | 1 | 823.000 | -35.89 | -13 | Pass |
| 823 | 824 | 0.056 | / | 2 | 823.990 | -27.31 | -13 | Pass |
| 824 | 829 | 0.056 | / | / | / | / | / | / |

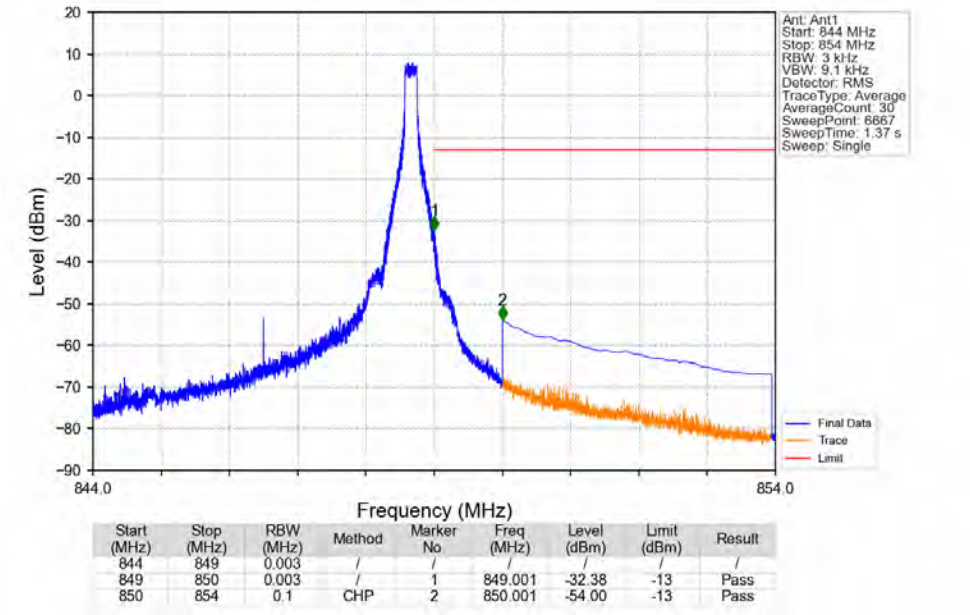
Band5_5MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_0_NTNV

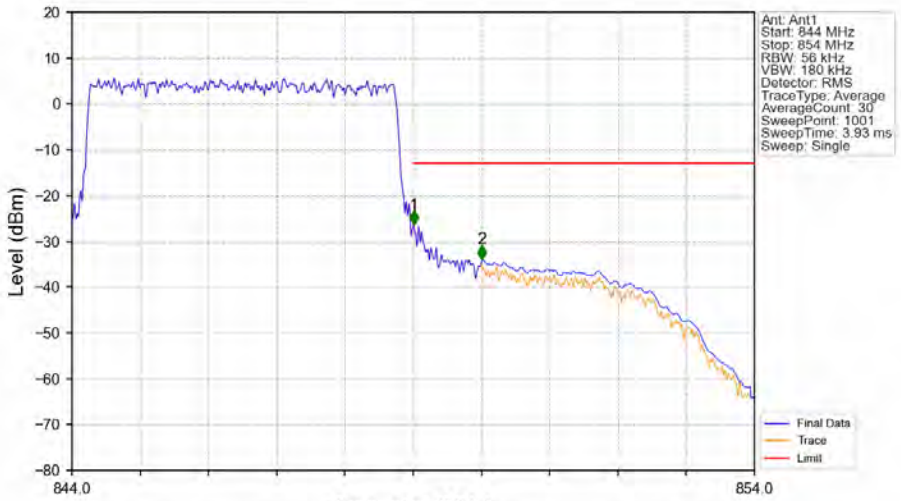



Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_24_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 844 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.001 | -32.38 | -13 | Pass |
| 850 | 854 | 0.1 | CHP | 2 | 850.001 | -54.00 | -13 | Pass |

Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 844 | 849 | 0.056 | / | / | / | / | / | / |
| 849 | 850 | 0.056 | / | 1 | 849.010 | -26.42 | -13 | Pass |
| 850 | 854 | 0.1 | CHP | 2 | 850.010 | -33.89 | -13 | Pass |

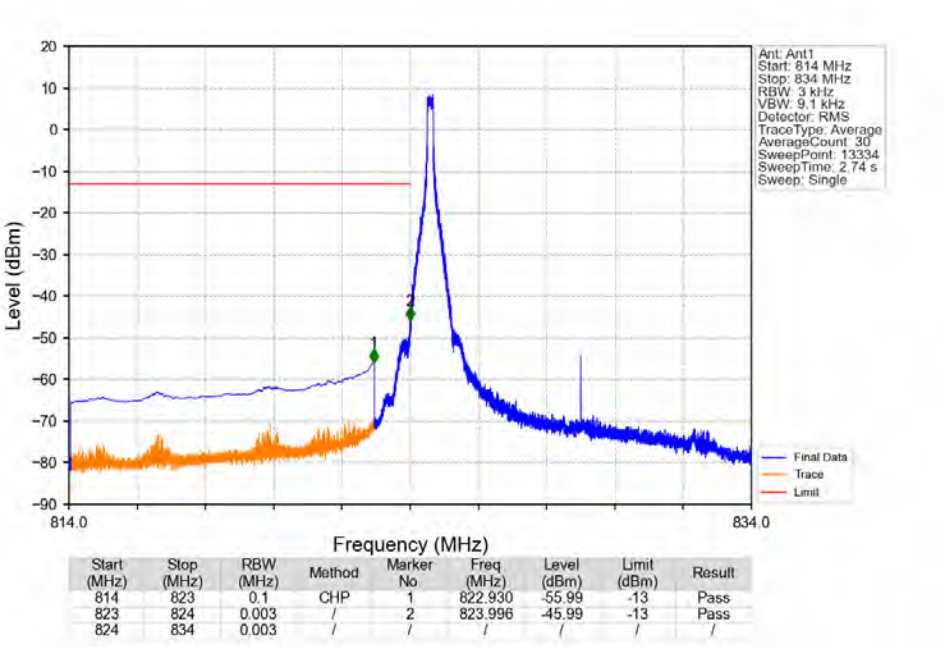
## 5.4 B5_10MHz

### 5.4.1 Test Result

| Band: 5 / 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 |
| 64QAM | 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 |

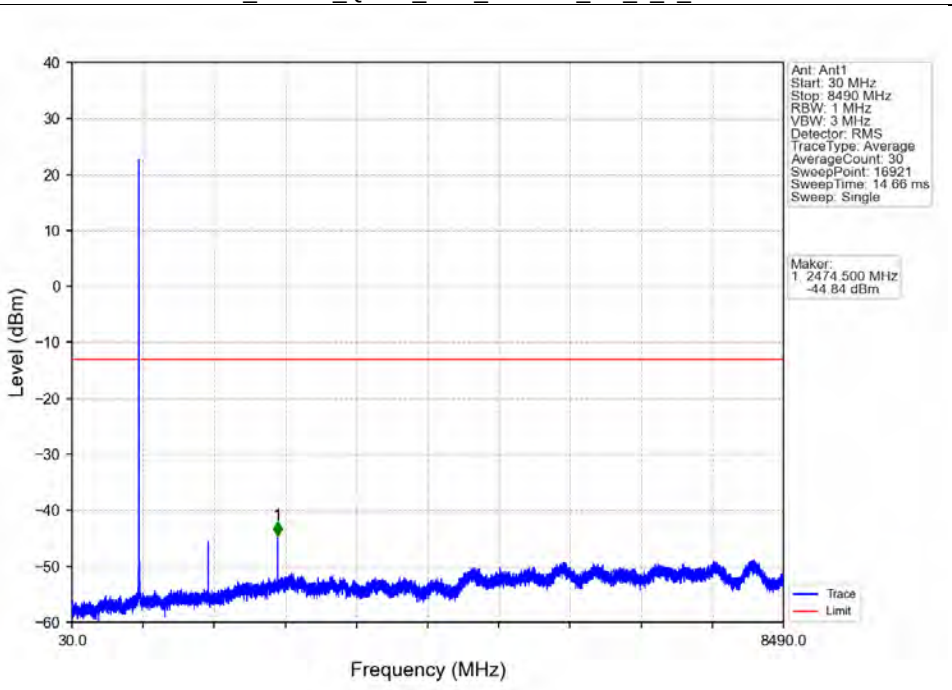
5.4.2 Test Graph

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

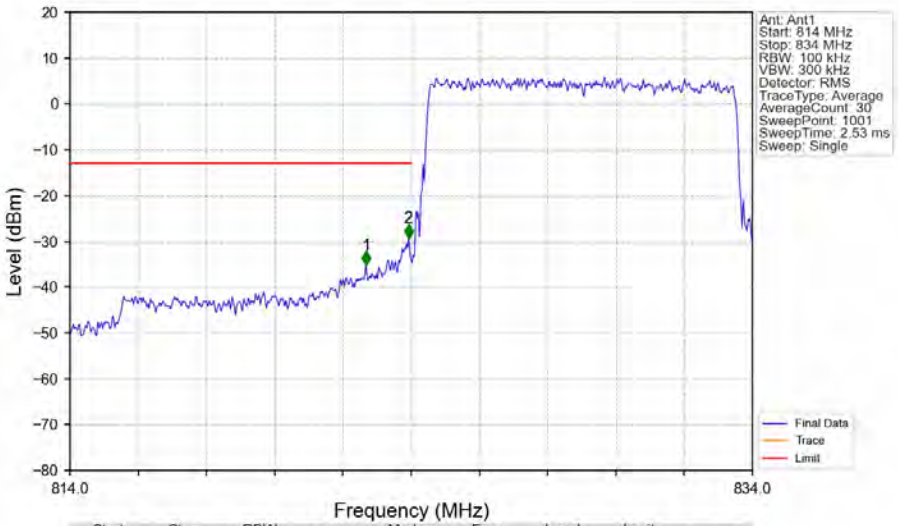



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 823 | 0.1 | CHP | 1 | 822.930 | -55.99 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.996 | -45.99 | -13 | Pass |
| 824 | 834 | 0.003 | / | / | / | / | / | / |

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

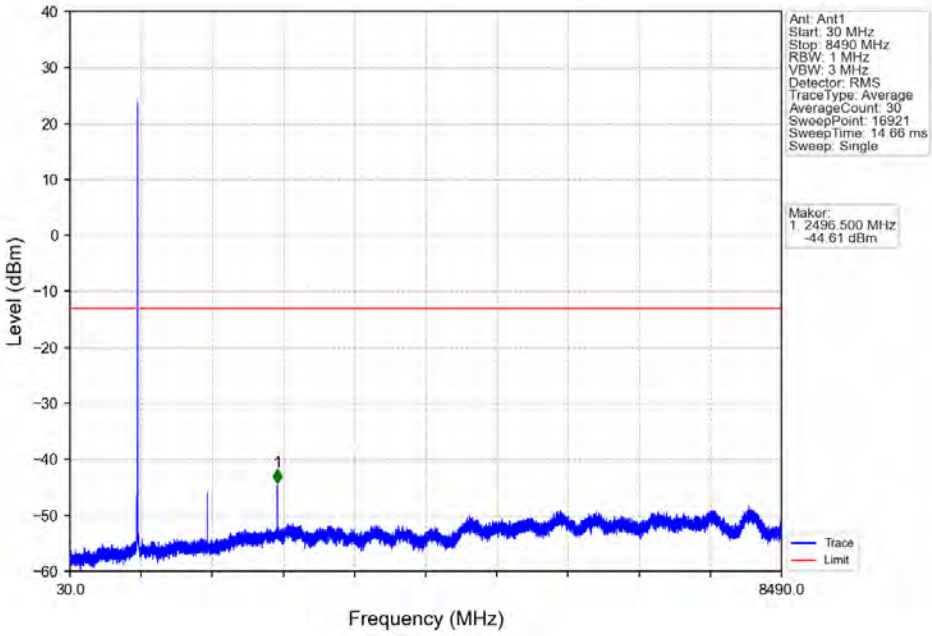


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

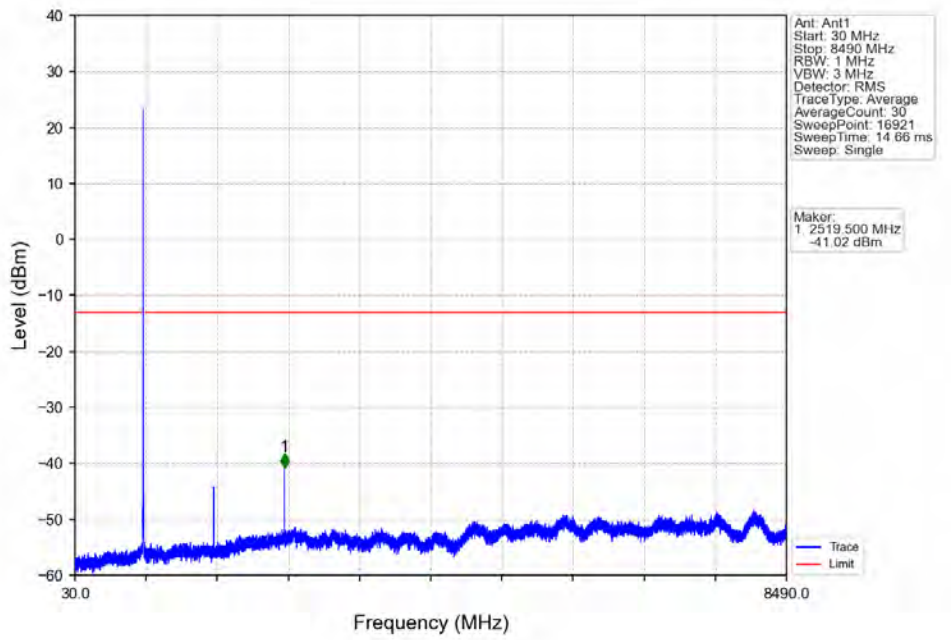



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 823 | 0.1 | / | 1 | 822.680 | -35.19 | -13 | Pass |
| 823 | 824 | 0.102 | / | 2 | 823.920 | -29.32 | -13 | Pass |
| 824 | 834 | 0.102 | / | / | / | / | / | / |

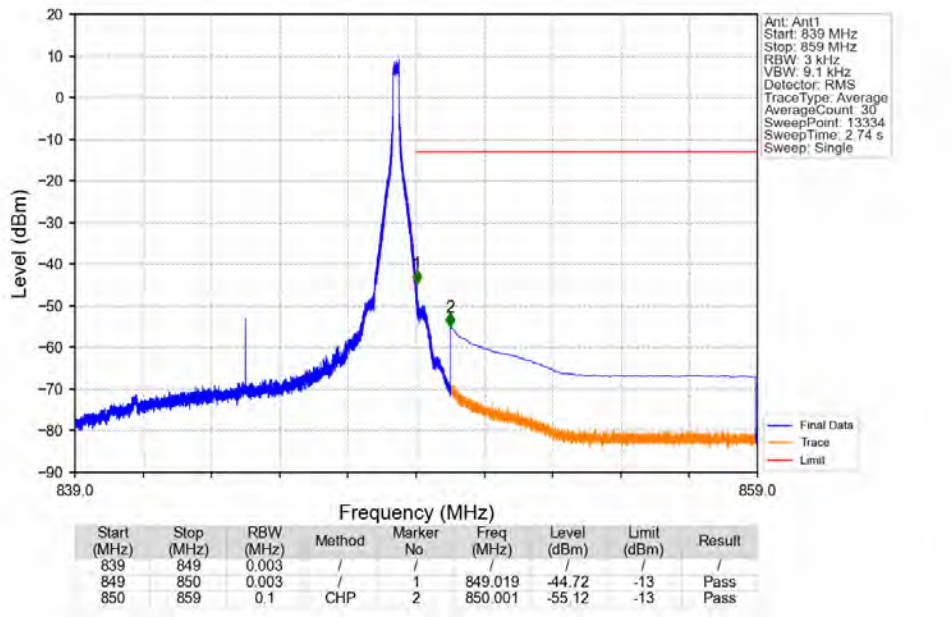
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

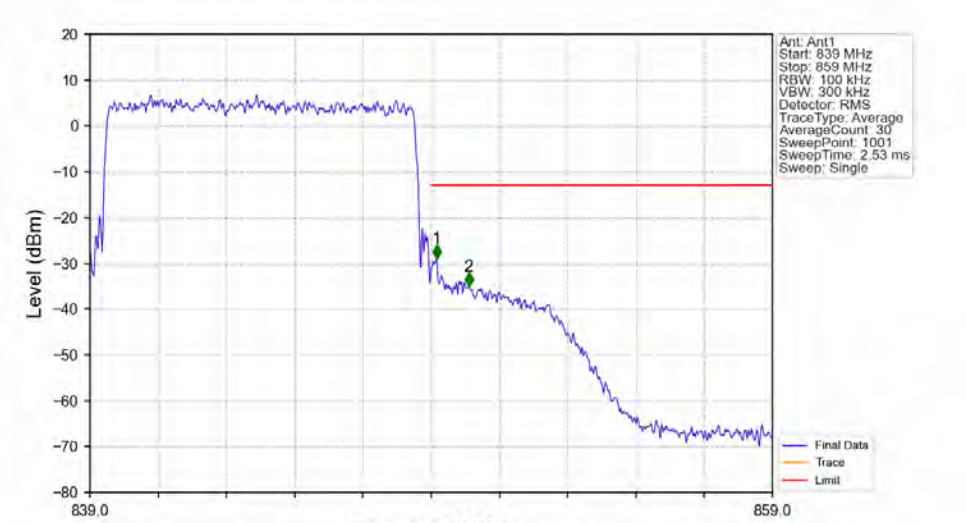



Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



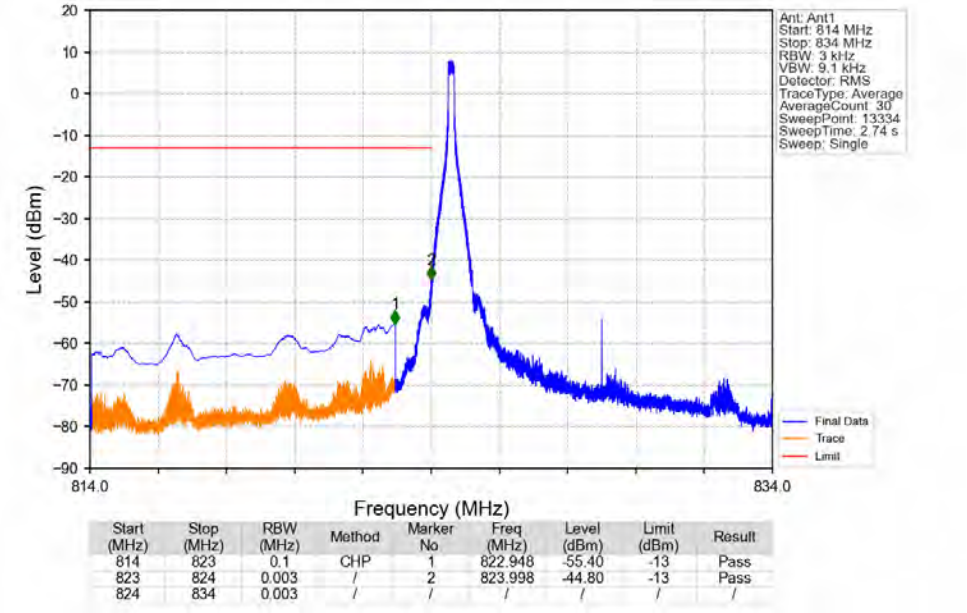

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 839 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.019 | -44.72 | -13 | Pass |
| 850 | 859 | 0.1 | CHP | 2 | 850.001 | -55.12 | -13 | Pass |

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



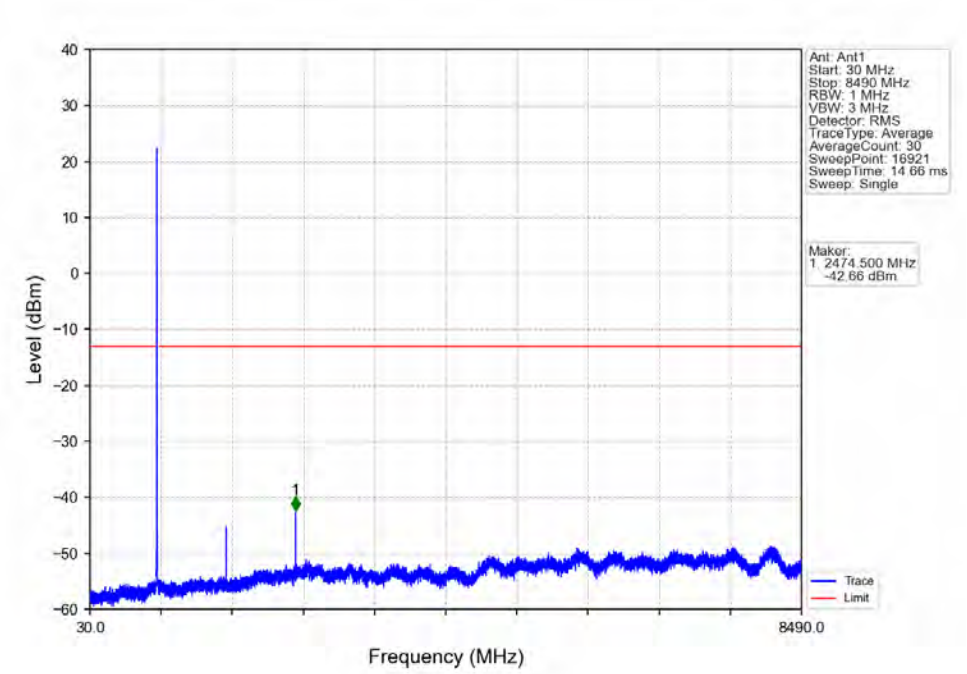

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 839 | 849 | 0.102 | / | / | / | / | / | / |
| 849 | 850 | 0.102 | / | 1 | 849.160 | -28.95 | -13 | Pass |
| 850 | 859 | 0.1 | / | 2 | 850.100 | -35.10 | -13 | Pass |

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

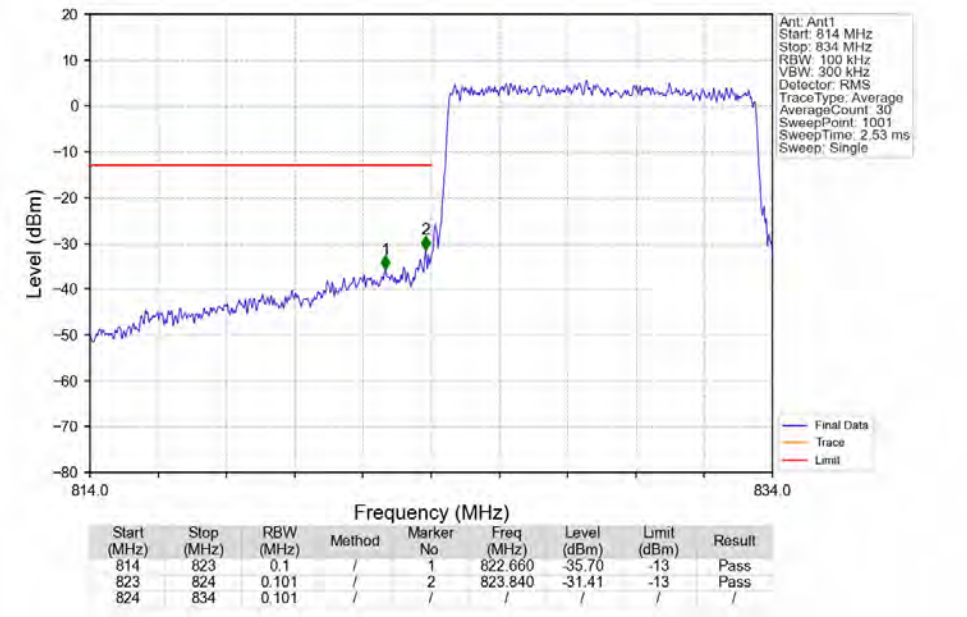



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 823 | 0.1 | CHP | 1 | 822.948 | -55.40 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.998 | -44.80 | -13 | Pass |
| 824 | 834 | 0.003 | / | / | / | / | / | / |

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

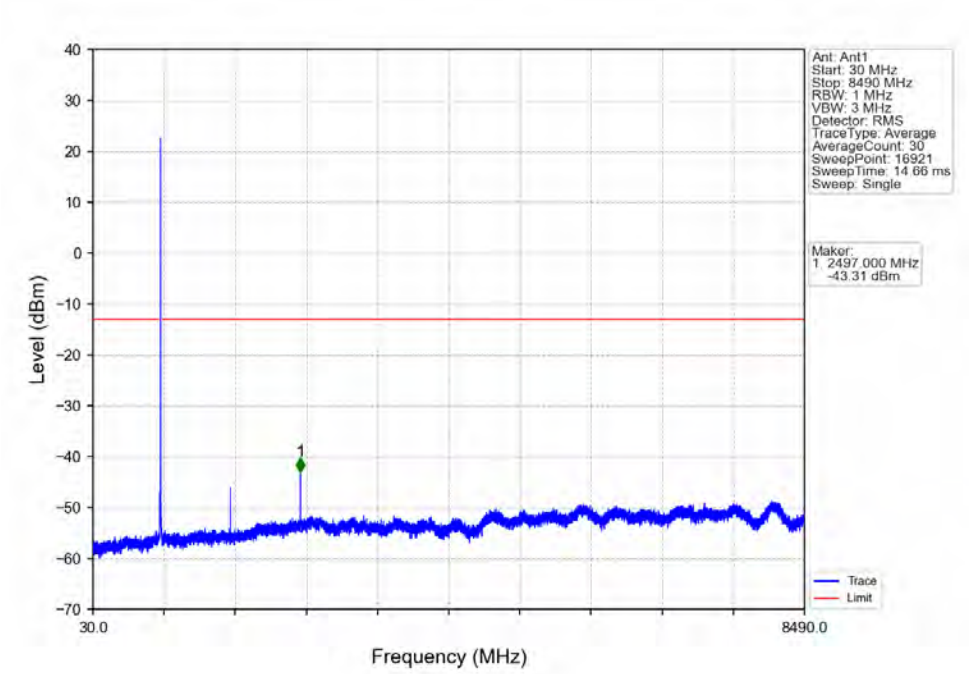



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

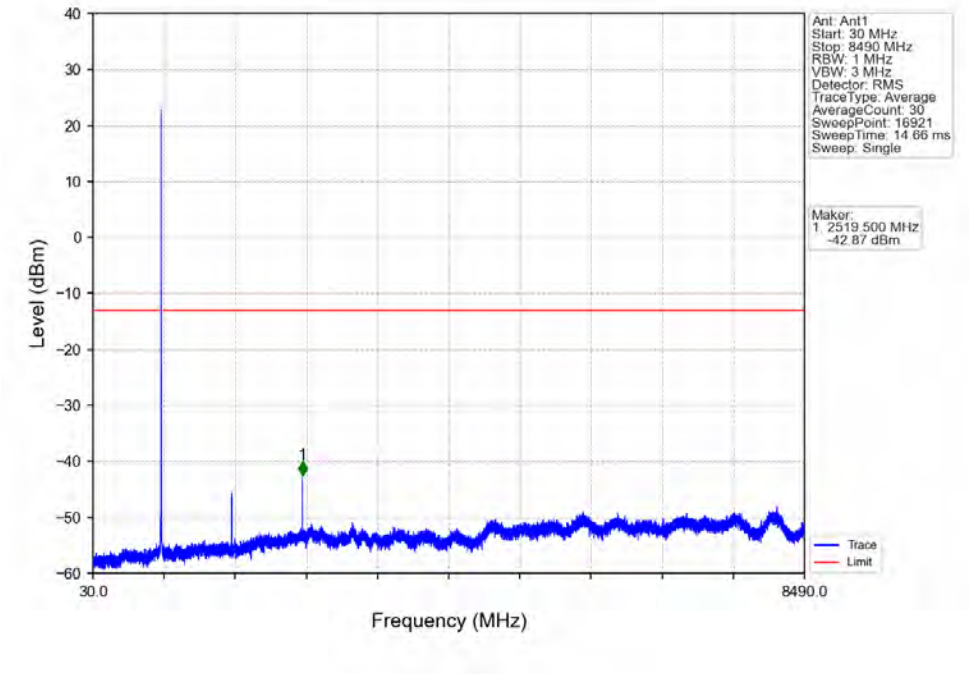



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 823 | 0.1 | / | 1 | 822.660 | -35.70 | -13 | Pass |
| 823 | 824 | 0.101 | / | 2 | 823.840 | -31.41 | -13 | Pass |
| 824 | 834 | 0.101 | / | / | / | / | / | / |

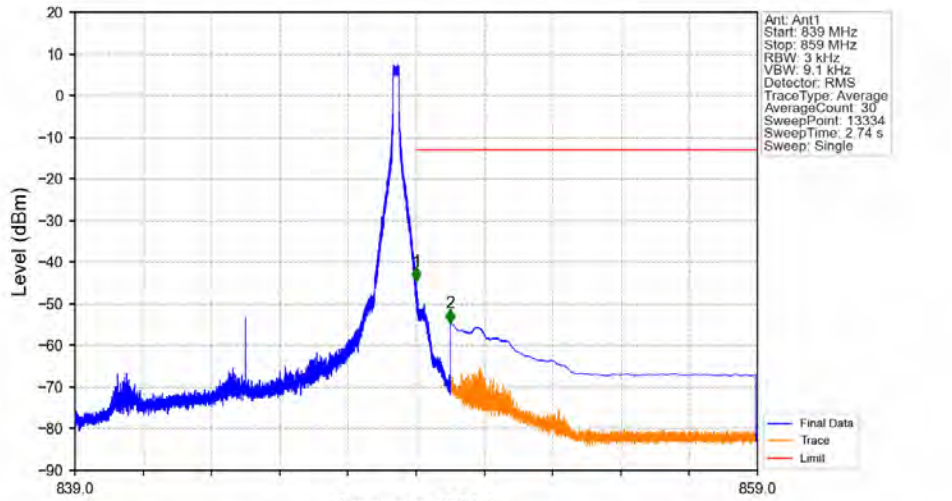
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV




Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

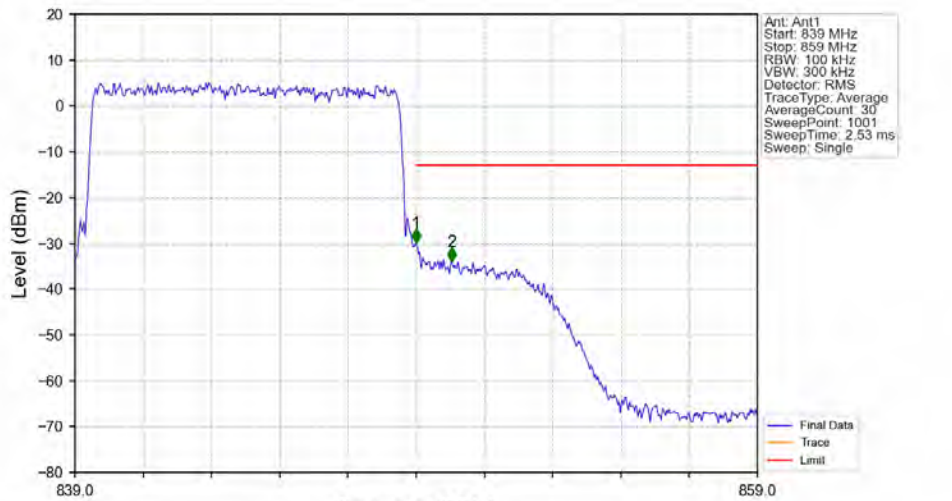


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



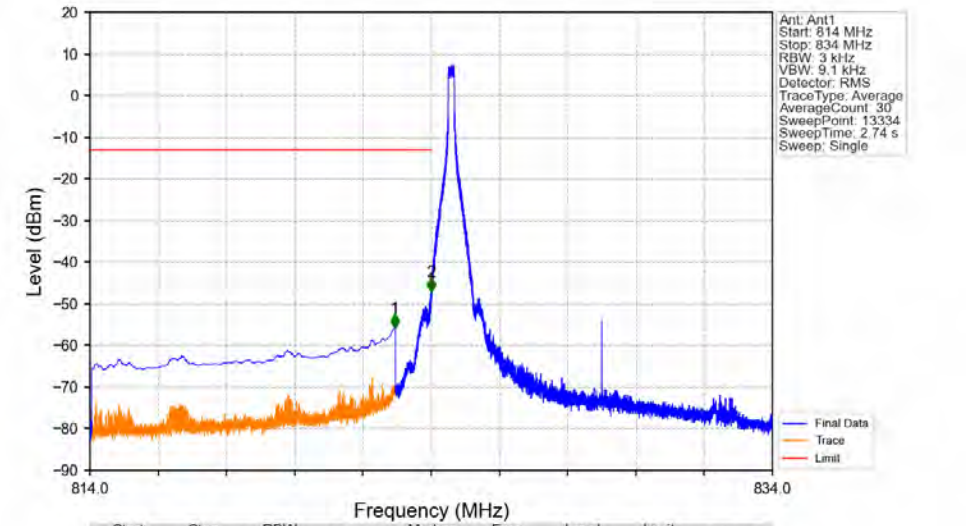

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 839 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.002 | -44.59 | -13 | Pass |
| 850 | 859 | 0.1 | CHP | 2 | 850.001 | -54.62 | -13 | Pass |

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



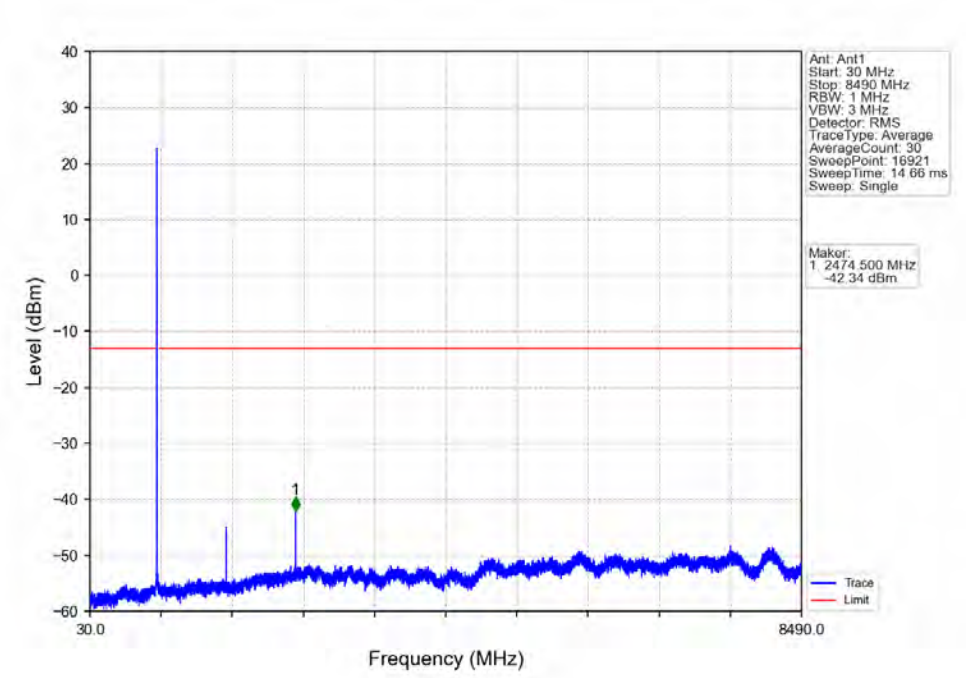

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 839 | 849 | 0.103 | / | / | / | / | / | / |
| 849 | 850 | 0.103 | / | 1 | 849.000 | -29.94 | -13 | Pass |
| 850 | 859 | 0.1 | / | 2 | 850.040 | -33.99 | -13 | Pass |

Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV

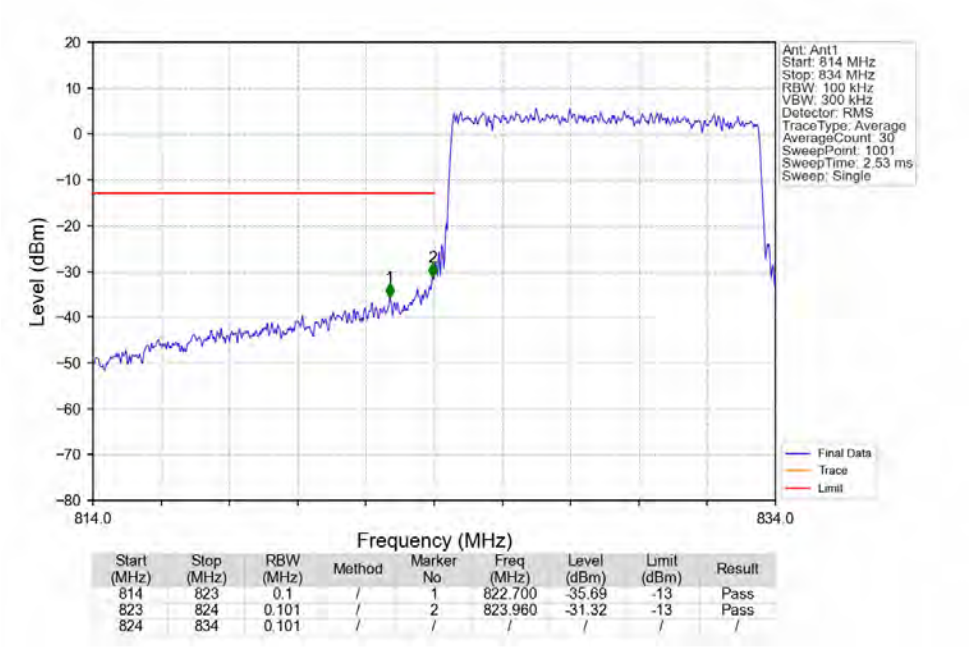



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 823 | 0.1 | CHP | 1 | 822.936 | -55.93 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.995 | -47.09 | -13 | Pass |
| 824 | 834 | 0.003 | / | / | / | / | / | / |

Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV

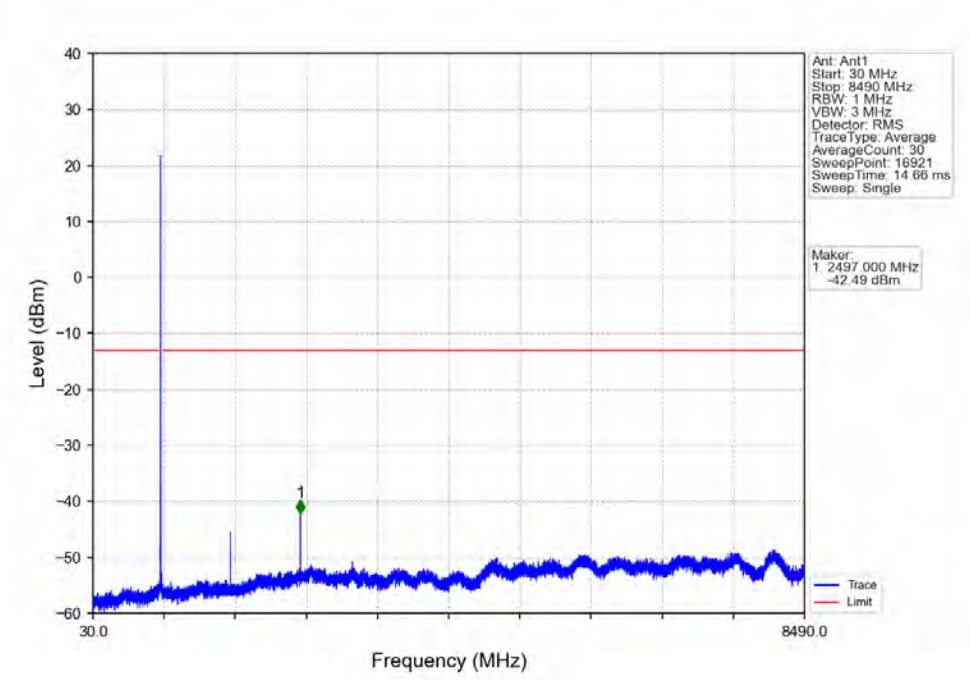


Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV

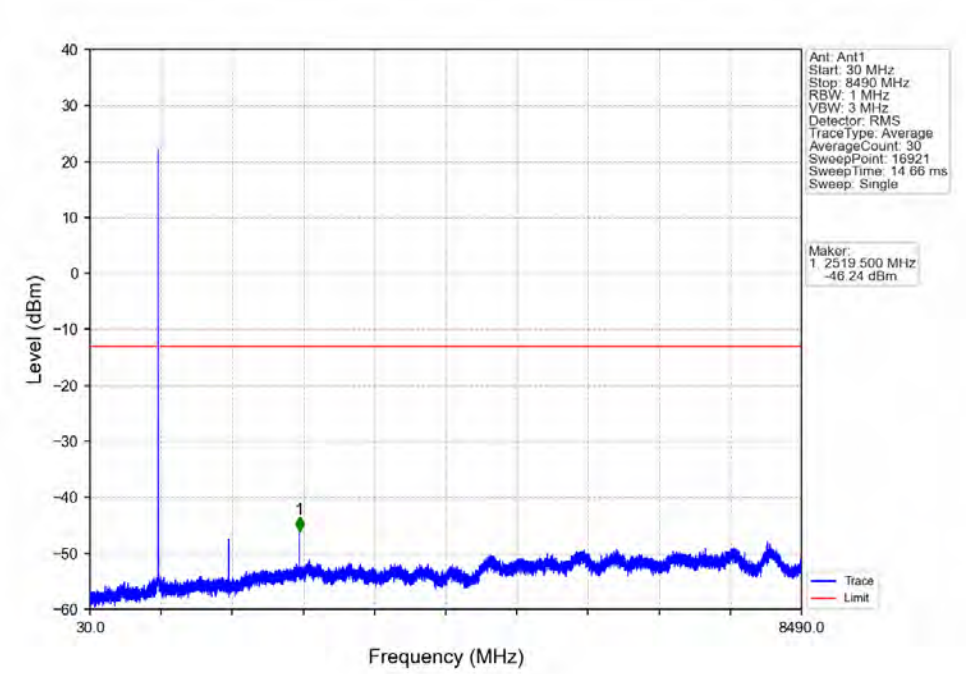



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 823 | 0.1 | / | 1 | 822.700 | -35.69 | -13 | Pass |
| 823 | 824 | 0.101 | / | 2 | 823.960 | -31.32 | -13 | Pass |
| 824 | 834 | 0.101 | / | / | / | / | / | / |

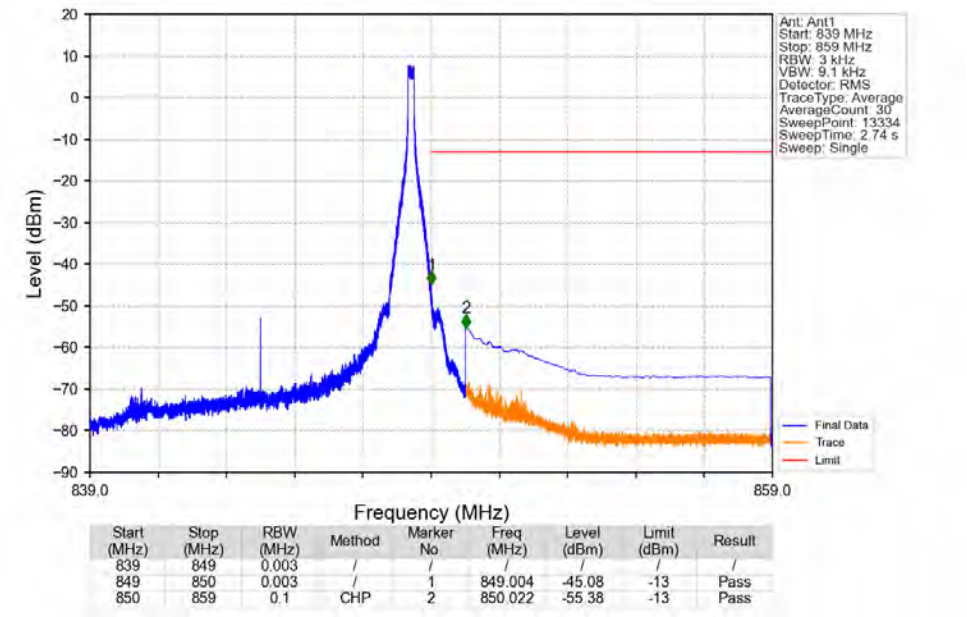
Band5_10MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



Band5_10MHz_64QAM_HCH_844MHz_RB_1_0_NTNV

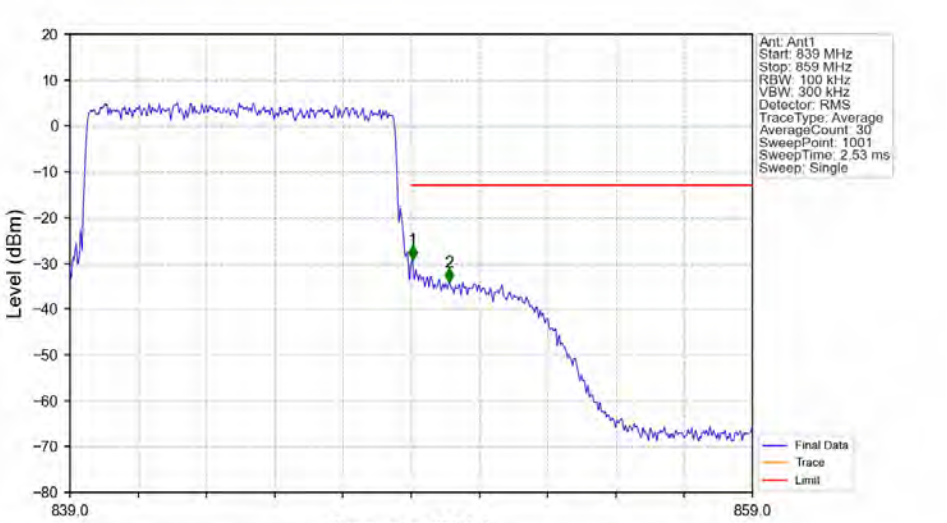



Band5_10MHz_64QAM_HCH_844MHz_RB_1_49_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 839 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.004 | -45.08 | -13 | Pass |
| 850 | 859 | 0.1 | CHP | 2 | 850.022 | -55.38 | -13 | Pass |

Band5_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 839 | 849 | 0.102 | / | / | / | / | / | / |
| 849 | 850 | 0.102 | / | 1 | 849.040 | -29.19 | -13 | Pass |
| 850 | 859 | 0.1 | / | 2 | 850.120 | -34.15 | -13 | Pass |