# 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 | 23.57 | -5.82 | 15.60 | <=38.45 | Pass |
| | | | 2 | 23.54 | -5.82 | 15.57 | <=38.45 | Pass |
| | | | 5 | 24.09 | -5.82 | 16.12 | <=38.45 | Pass |
| | | 3 | 0 | 23.92 | -5.82 | 15.95 | <=38.45 | Pass |
| | | | 2 | 23.96 | -5.82 | 15.99 | <=38.45 | Pass |
| | | | 3 | 23.92 | -5.82 | 15.95 | <=38.45 | Pass |
| | | 6 | 0 | 23.53 | -5.82 | 15.56 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.31 | -5.82 | 15.34 | <=38.45 | Pass |
| | | | 2 | 23.49 | -5.82 | 15.52 | <=38.45 | Pass |
| | | | 5 | 24.10 | -5.82 | 16.13 | <=38.45 | Pass |
| | | 3 | 0 | 24.03 | -5.82 | 16.06 | <=38.45 | Pass |
| | | | 2 | 23.91 | -5.82 | 15.94 | <=38.45 | Pass |
| | | | 3 | 24.02 | -5.82 | 16.05 | <=38.45 | Pass |
| | | 6 | 0 | 23.40 | -5.82 | 15.43 | <=38.45 | Pass |
| | 848.3 | 1 | 0 | 23.49 | -5.82 | 15.52 | <=38.45 | Pass |
| | | | 2 | 23.50 | -5.82 | 15.53 | <=38.45 | Pass |
| | | | 5 | 23.97 | -5.82 | 16.00 | <=38.45 | Pass |
| | | 3 | 0 | 23.92 | -5.82 | 15.95 | <=38.45 | Pass |
| | | | 2 | 23.87 | -5.82 | 15.90 | <=38.45 | Pass |
| | | | 3 | 23.92 | -5.82 | 15.95 | <=38.45 | Pass |
| | | 6 | 0 | 23.37 | -5.82 | 15.40 | <=38.45 | Pass |
| 16QAM | 824.7 | 1 | 0 | 24.11 | -5.82 | 16.14 | <=38.45 | Pass |
| | | | 2 | 24.17 | -5.82 | 16.20 | <=38.45 | Pass |
| | | | 5 | 23.61 | -5.82 | 15.64 | <=38.45 | Pass |
| | | 3 | 0 | 23.54 | -5.82 | 15.57 | <=38.45 | Pass |
| | | | 2 | 23.37 | -5.82 | 15.40 | <=38.45 | Pass |
| | | | 3 | 23.44 | -5.82 | 15.47 | <=38.45 | Pass |
| | | 6 | 0 | 23.09 | -5.82 | 15.12 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.70 | -5.82 | 15.73 | <=38.45 | Pass |
| | | | 2 | 23.65 | -5.82 | 15.68 | <=38.45 | Pass |
| | | | 5 | 23.16 | -5.82 | 15.19 | <=38.45 | Pass |
| | | 3 | 0 | 23.61 | -5.82 | 15.64 | <=38.45 | Pass |
| | | | 2 | 23.59 | -5.82 | 15.62 | <=38.45 | Pass |
| | | | 3 | 23.65 | -5.82 | 15.68 | <=38.45 | Pass |
| | | 6 | 0 | 23.09 | -5.82 | 15.12 | <=38.45 | Pass |
| | 848.3 | 1 | 0 | 24.13 | -5.82 | 16.16 | <=38.45 | Pass |
| | | | 2 | 24.21 | -5.82 | 16.24 | <=38.45 | Pass |
| | | | 5 | 23.80 | -5.82 | 15.83 | <=38.45 | Pass |
| | | 3 | 0 | 23.46 | -5.82 | 15.49 | <=38.45 | Pass |
| | | | 2 | 23.40 | -5.82 | 15.43 | <=38.45 | Pass |
| | | | 3 | 23.42 | -5.82 | 15.45 | <=38.45 | Pass |
| | | 6 | 0 | 23.14 | -5.82 | 15.17 | <=38.45 | Pass |
| 64QAM | 824.7 | 1 | 0 | 23.79 | -5.82 | 15.82 | <=38.45 | Pass |
| | | | 2 | 23.49 | -5.82 | 15.52 | <=38.45 | Pass |
| | | | 5 | 23.34 | -5.82 | 15.37 | <=38.45 | Pass |
| | | 3 | 0 | 23.55 | -5.82 | 15.58 | <=38.45 | Pass |
| | | | 2 | 23.41 | -5.82 | 15.44 | <=38.45 | Pass |
| | | | 3 | 23.60 | -5.82 | 15.63 | <=38.45 | Pass |
| | | 6 | 0 | 22.85 | -5.82 | 14.88 | <=38.45 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 836.5 | 1 | 0 | 23.52 | -5.82 | 15.55 | <=38.45 | Pass |
| | | | 2 | 23.73 | -5.82 | 15.76 | <=38.45 | Pass |
| | | | 5 | 23.51 | -5.82 | 15.54 | <=38.45 | Pass |
| | | 3 | 0 | 23.32 | -5.82 | 15.35 | <=38.45 | Pass |
| | | | 2 | 23.39 | -5.82 | 15.42 | <=38.45 | Pass |
| | | | 3 | 23.44 | -5.82 | 15.47 | <=38.45 | Pass |
| | | 6 | 0 | 22.95 | -5.82 | 14.98 | <=38.45 | Pass |
| | 848.3 | 1 | 0 | 23.47 | -5.82 | 15.50 | <=38.45 | Pass |
| | | | 2 | 23.64 | -5.82 | 15.67 | <=38.45 | Pass |
| | | | 5 | 23.39 | -5.82 | 15.42 | <=38.45 | Pass |
| | | 3 | 0 | 23.63 | -5.82 | 15.66 | <=38.45 | Pass |
| | | | 2 | 23.50 | -5.82 | 15.53 | <=38.45 | Pass |
| | | | 3 | 23.55 | -5.82 | 15.58 | <=38.45 | Pass |
| | | 6 | 0 | 23.10 | -5.82 | 15.13 | <=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 | 23.89 | -5.82 | 15.92 | <=38.45 | Pass |
| | | | 7 | 24.34 | -5.82 | 16.37 | <=38.45 | Pass |
| | | | 14 | 23.45 | -5.82 | 15.48 | <=38.45 | Pass |
| | | 8 | 0 | 23.61 | -5.82 | 15.64 | <=38.45 | Pass |
| | | | 4 | 23.45 | -5.82 | 15.48 | <=38.45 | Pass |
| | | | 7 | 23.54 | -5.82 | 15.57 | <=38.45 | Pass |
| | | 15 | 0 | 23.60 | -5.82 | 15.63 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.76 | -5.82 | 15.79 | <=38.45 | Pass |
| | | | 7 | 24.15 | -5.82 | 16.18 | <=38.45 | Pass |
| | | | 14 | 23.91 | -5.82 | 15.94 | <=38.45 | Pass |
| | | 8 | 0 | 23.54 | -5.82 | 15.57 | <=38.45 | Pass |
| | | | 4 | 23.37 | -5.82 | 15.40 | <=38.45 | Pass |
| | | | 7 | 23.51 | -5.82 | 15.54 | <=38.45 | Pass |
| | | 15 | 0 | 23.33 | -5.82 | 15.36 | <=38.45 | Pass |
| | 847.5 | 1 | 0 | 23.39 | -5.82 | 15.42 | <=38.45 | Pass |
| | | | 7 | 24.03 | -5.82 | 16.06 | <=38.45 | Pass |
| | | | 14 | 23.90 | -5.82 | 15.93 | <=38.45 | Pass |
| | | 8 | 0 | 23.45 | -5.82 | 15.48 | <=38.45 | Pass |
| | | | 4 | 23.37 | -5.82 | 15.40 | <=38.45 | Pass |
| | | | 7 | 23.25 | -5.82 | 15.28 | <=38.45 | Pass |
| | | 15 | 0 | 23.43 | -5.82 | 15.46 | <=38.45 | Pass |
| 16QAM | 825.5 | 1 | 0 | 23.74 | -5.82 | 15.77 | <=38.45 | Pass |
| | | | 7 | 23.92 | -5.82 | 15.95 | <=38.45 | Pass |
| | | | 14 | 24.16 | -5.82 | 16.19 | <=38.45 | Pass |
| | | 8 | 0 | 23.14 | -5.82 | 15.17 | <=38.45 | Pass |
| | | | 4 | 23.14 | -5.82 | 15.17 | <=38.45 | Pass |
| | | | 7 | 23.17 | -5.82 | 15.20 | <=38.45 | Pass |
| | | 15 | 0 | 23.02 | -5.82 | 15.05 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.82 | -5.82 | 15.85 | <=38.45 | Pass |
| | | | 7 | 23.68 | -5.82 | 15.71 | <=38.45 | Pass |
| | | | 14 | 23.73 | -5.82 | 15.76 | <=38.45 | Pass |
| | | 8 | 0 | 23.21 | -5.82 | 15.24 | <=38.45 | Pass |
| | | | 4 | 23.23 | -5.82 | 15.26 | <=38.45 | Pass |
| | | | 7 | 23.11 | -5.82 | 15.14 | <=38.45 | Pass |
| | | 15 | 0 | 23.14 | -5.82 | 15.17 | <=38.45 | Pass |
| | 847.5 | 1 | 0 | 24.09 | -5.82 | 16.12 | <=38.45 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 7 | 23.90 | -5.82 | 15.93 | <=38.45 | Pass |
| | | | 14 | 23.67 | -5.82 | 15.70 | <=38.45 | Pass |
| | | 8 | 0 | 22.44 | -5.82 | 14.47 | <=38.45 | Pass |
| | | | 4 | 23.22 | -5.82 | 15.25 | <=38.45 | Pass |
| | | | 7 | 23.20 | -5.82 | 15.23 | <=38.45 | Pass |
| | | 15 | 0 | 23.03 | -5.82 | 15.06 | <=38.45 | Pass |
| 64QAM | 825.5 | 1 | 0 | 23.82 | -5.82 | 15.85 | <=38.45 | Pass |
| | | | 7 | 23.57 | -5.82 | 15.60 | <=38.45 | Pass |
| | | | 14 | 23.29 | -5.82 | 15.32 | <=38.45 | Pass |
| | | 8 | 0 | 23.12 | -5.82 | 15.15 | <=38.45 | Pass |
| | | | 4 | 23.14 | -5.82 | 15.17 | <=38.45 | Pass |
| | | | 7 | 23.17 | -5.82 | 15.20 | <=38.45 | Pass |
| | | 15 | 0 | 23.14 | -5.82 | 15.17 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 22.55 | -5.82 | 14.58 | <=38.45 | Pass |
| | | | 7 | 23.55 | -5.82 | 15.58 | <=38.45 | Pass |
| | | | 14 | 23.36 | -5.82 | 15.39 | <=38.45 | Pass |
| | | 8 | 0 | 23.10 | -5.82 | 15.13 | <=38.45 | Pass |
| | | | 4 | 23.10 | -5.82 | 15.13 | <=38.45 | Pass |
| | | | 7 | 23.20 | -5.82 | 15.23 | <=38.45 | Pass |
| | | 15 | 0 | 23.03 | -5.82 | 15.06 | <=38.45 | Pass |
| | 847.5 | 1 | 0 | 23.58 | -5.82 | 15.61 | <=38.45 | Pass |
| | | | 7 | 23.75 | -5.82 | 15.78 | <=38.45 | Pass |
| | | | 14 | 23.09 | -5.82 | 15.12 | <=38.45 | Pass |
| | | 8 | 0 | 23.14 | -5.82 | 15.17 | <=38.45 | Pass |
| | | | 4 | 23.11 | -5.82 | 15.14 | <=38.45 | Pass |
| | | | 7 | 23.00 | -5.82 | 15.03 | <=38.45 | Pass |
| | | 15 | 0 | 23.08 | -5.82 | 15.11 | <=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 | 24.03 | -5.82 | 16.06 | <=38.45 | Pass |
| | | | 13 | 24.12 | -5.82 | 16.15 | <=38.45 | Pass |
| | | | 24 | 24.03 | -5.82 | 16.06 | <=38.45 | Pass |
| | | 12 | 0 | 23.58 | -5.82 | 15.61 | <=38.45 | Pass |
| | | | 6 | 23.48 | -5.82 | 15.51 | <=38.45 | Pass |
| | | | 13 | 23.40 | -5.82 | 15.43 | <=38.45 | Pass |
| | | 25 | 0 | 23.56 | -5.82 | 15.59 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 24.01 | -5.82 | 16.04 | <=38.45 | Pass |
| | | | 13 | 24.10 | -5.82 | 16.13 | <=38.45 | Pass |
| | | | 24 | 24.00 | -5.82 | 16.03 | <=38.45 | Pass |
| | | 12 | 0 | 23.44 | -5.82 | 15.47 | <=38.45 | Pass |
| | | | 6 | 23.49 | -5.82 | 15.52 | <=38.45 | Pass |
| | | | 13 | 23.40 | -5.82 | 15.43 | <=38.45 | Pass |
| | | 25 | 0 | 23.52 | -5.82 | 15.55 | <=38.45 | Pass |
| | 846.5 | 1 | 0 | 24.01 | -5.82 | 16.04 | <=38.45 | Pass |
| | | | 13 | 24.05 | -5.82 | 16.08 | <=38.45 | Pass |
| | | | 24 | 23.95 | -5.82 | 15.98 | <=38.45 | Pass |
| | | 12 | 0 | 23.53 | -5.82 | 15.56 | <=38.45 | Pass |
| | | | 6 | 23.49 | -5.82 | 15.52 | <=38.45 | Pass |
| | | | 13 | 23.49 | -5.82 | 15.52 | <=38.45 | Pass |
| | | 25 | 0 | 23.55 | -5.82 | 15.58 | <=38.45 | Pass |
| 16QAM | 826.5 | 1 | 0 | 24.00 | -5.82 | 16.03 | <=38.45 | Pass |
| | | | 13 | 23.39 | -5.82 | 15.42 | <=38.45 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 24 | 23.66 | -5.82 | 15.69 | <=38.45 | Pass |
| | | 12 | 0 | 23.19 | -5.82 | 15.22 | <=38.45 | Pass |
| | | | 6 | 23.24 | -5.82 | 15.27 | <=38.45 | Pass |
| | | | 13 | 23.09 | -5.82 | 15.12 | <=38.45 | Pass |
| | | 25 | 0 | 23.13 | -5.82 | 15.16 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.86 | -5.82 | 15.89 | <=38.45 | Pass |
| | | | 13 | 23.78 | -5.82 | 15.81 | <=38.45 | Pass |
| | | | 24 | 23.65 | -5.82 | 15.68 | <=38.45 | Pass |
| | | 12 | 0 | 23.10 | -5.82 | 15.13 | <=38.45 | Pass |
| | | | 6 | 23.12 | -5.82 | 15.15 | <=38.45 | Pass |
| | | | 13 | 23.04 | -5.82 | 15.07 | <=38.45 | Pass |
| | | 25 | 0 | 23.12 | -5.82 | 15.15 | <=38.45 | Pass |
| | 846.5 | 1 | 0 | 23.74 | -5.82 | 15.77 | <=38.45 | Pass |
| | | | 13 | 23.63 | -5.82 | 15.66 | <=38.45 | Pass |
| | | | 24 | 23.71 | -5.82 | 15.74 | <=38.45 | Pass |
| | | 12 | 0 | 22.97 | -5.82 | 15.00 | <=38.45 | Pass |
| | | | 6 | 23.07 | -5.82 | 15.10 | <=38.45 | Pass |
| | | | 13 | 23.06 | -5.82 | 15.09 | <=38.45 | Pass |
| | | 25 | 0 | 23.03 | -5.82 | 15.06 | <=38.45 | Pass |
| 64QAM | 826.5 | 1 | 0 | 23.71 | -5.82 | 15.74 | <=38.45 | Pass |
| | | | 13 | 23.68 | -5.82 | 15.71 | <=38.45 | Pass |
| | | | 24 | 23.42 | -5.82 | 15.45 | <=38.45 | Pass |
| | | 12 | 0 | 23.15 | -5.82 | 15.18 | <=38.45 | Pass |
| | | | 6 | 23.13 | -5.82 | 15.16 | <=38.45 | Pass |
| | | | 13 | 23.10 | -5.82 | 15.13 | <=38.45 | Pass |
| | | 25 | 0 | 23.10 | -5.82 | 15.13 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.67 | -5.82 | 15.70 | <=38.45 | Pass |
| | | | 13 | 23.73 | -5.82 | 15.76 | <=38.45 | Pass |
| | | | 24 | 23.51 | -5.82 | 15.54 | <=38.45 | Pass |
| | | 12 | 0 | 23.16 | -5.82 | 15.19 | <=38.45 | Pass |
| | | | 6 | 23.12 | -5.82 | 15.15 | <=38.45 | Pass |
| | | | 13 | 23.13 | -5.82 | 15.16 | <=38.45 | Pass |
| | | 25 | 0 | 23.06 | -5.82 | 15.09 | <=38.45 | Pass |
| | 846.5 | 1 | 0 | 23.70 | -5.82 | 15.73 | <=38.45 | Pass |
| | | | 13 | 23.56 | -5.82 | 15.59 | <=38.45 | Pass |
| | | | 24 | 23.50 | -5.82 | 15.53 | <=38.45 | Pass |
| | | 12 | 0 | 23.00 | -5.82 | 15.03 | <=38.45 | Pass |
| | | | 6 | 23.01 | -5.82 | 15.04 | <=38.45 | Pass |
| | | | 13 | 23.11 | -5.82 | 15.14 | <=38.45 | Pass |
| | | 25 | 0 | 23.00 | -5.82 | 15.03 | <=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 | 23.97 | -5.82 | 16.00 | <=38.45 | Pass |
| | | | 25 | 24.03 | -5.82 | 16.06 | <=38.45 | Pass |
| | | | 49 | 23.81 | -5.82 | 15.84 | <=38.45 | Pass |
| | | 25 | 0 | 23.52 | -5.82 | 15.55 | <=38.45 | Pass |
| | | | 13 | 23.48 | -5.82 | 15.51 | <=38.45 | Pass |
| | | | 25 | 23.66 | -5.82 | 15.69 | <=38.45 | Pass |
| | | 50 | 0 | 23.61 | -5.82 | 15.64 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 24.02 | -5.82 | 16.05 | <=38.45 | Pass |
| | | | 25 | 24.11 | -5.82 | 16.14 | <=38.45 | Pass |
| | | | 49 | 24.01 | -5.82 | 16.04 | <=38.45 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 25 | 0 | 23.51 | -5.82 | 15.54 | <=38.45 | Pass |
| | | | 13 | 23.58 | -5.82 | 15.61 | <=38.45 | Pass |
| | | | 25 | 23.67 | -5.82 | 15.70 | <=38.45 | Pass |
| | | 50 | 0 | 23.44 | -5.82 | 15.47 | <=38.45 | Pass |
| | 844 | 1 | 0 | 24.10 | -5.82 | 16.13 | <=38.45 | Pass |
| | | | 25 | 24.03 | -5.82 | 16.06 | <=38.45 | Pass |
| | | | 49 | 24.04 | -5.82 | 16.07 | <=38.45 | Pass |
| | | 25 | 0 | 23.55 | -5.82 | 15.58 | <=38.45 | Pass |
| | | | 13 | 23.30 | -5.82 | 15.33 | <=38.45 | Pass |
| | | | 25 | 23.66 | -5.82 | 15.69 | <=38.45 | Pass |
| | | 50 | 0 | 23.47 | -5.82 | 15.50 | <=38.45 | Pass |
| 16QAM | 829 | 1 | 0 | 23.68 | -5.82 | 15.71 | <=38.45 | Pass |
| | | | 25 | 23.27 | -5.82 | 15.30 | <=38.45 | Pass |
| | | | 49 | 23.50 | -5.82 | 15.53 | <=38.45 | Pass |
| | | 25 | 0 | 23.07 | -5.82 | 15.10 | <=38.45 | Pass |
| | | | 13 | 23.15 | -5.82 | 15.18 | <=38.45 | Pass |
| | | | 25 | 23.11 | -5.82 | 15.14 | <=38.45 | Pass |
| | | 50 | 0 | 23.16 | -5.82 | 15.19 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.60 | -5.82 | 15.63 | <=38.45 | Pass |
| | | | 25 | 23.05 | -5.82 | 15.08 | <=38.45 | Pass |
| | | | 49 | 23.60 | -5.82 | 15.63 | <=38.45 | Pass |
| | | 25 | 0 | 23.14 | -5.82 | 15.17 | <=38.45 | Pass |
| | | | 13 | 23.11 | -5.82 | 15.14 | <=38.45 | Pass |
| | | | 25 | 23.18 | -5.82 | 15.21 | <=38.45 | Pass |
| | | 50 | 0 | 23.05 | -5.82 | 15.08 | <=38.45 | Pass |
| | 844 | 1 | 0 | 23.63 | -5.82 | 15.66 | <=38.45 | Pass |
| | | | 25 | 23.59 | -5.82 | 15.62 | <=38.45 | Pass |
| | | | 49 | 23.49 | -5.82 | 15.52 | <=38.45 | Pass |
| | | 25 | 0 | 23.16 | -5.82 | 15.19 | <=38.45 | Pass |
| | | | 13 | 23.06 | -5.82 | 15.09 | <=38.45 | Pass |
| | | | 25 | 23.07 | -5.82 | 15.10 | <=38.45 | Pass |
| | | 50 | 0 | 22.98 | -5.82 | 15.01 | <=38.45 | Pass |
| 64QAM | 829 | 1 | 0 | 23.74 | -5.82 | 15.77 | <=38.45 | Pass |
| | | | 25 | 23.51 | -5.82 | 15.54 | <=38.45 | Pass |
| | | | 49 | 23.27 | -5.82 | 15.30 | <=38.45 | Pass |
| | | 25 | 0 | 23.10 | -5.82 | 15.13 | <=38.45 | Pass |
| | | | 13 | 23.14 | -5.82 | 15.17 | <=38.45 | Pass |
| | | | 25 | 23.14 | -5.82 | 15.17 | <=38.45 | Pass |
| | | 50 | 0 | 23.13 | -5.82 | 15.16 | <=38.45 | Pass |
| | 836.5 | 1 | 0 | 23.53 | -5.82 | 15.56 | <=38.45 | Pass |
| | | | 25 | 23.51 | -5.82 | 15.54 | <=38.45 | Pass |
| | | | 49 | 23.41 | -5.82 | 15.44 | <=38.45 | Pass |
| | | 25 | 0 | 23.18 | -5.82 | 15.21 | <=38.45 | Pass |
| | | | 13 | 23.15 | -5.82 | 15.18 | <=38.45 | Pass |
| | | | 25 | 23.14 | -5.82 | 15.17 | <=38.45 | Pass |
| | | 50 | 0 | 23.14 | -5.82 | 15.17 | <=38.45 | Pass |
| | 844 | 1 | 0 | 23.31 | -5.82 | 15.34 | <=38.45 | Pass |
| | | | 25 | 23.59 | -5.82 | 15.62 | <=38.45 | Pass |
| | | | 49 | 23.61 | -5.82 | 15.64 | <=38.45 | Pass |
| | | 25 | 0 | 23.08 | -5.82 | 15.11 | <=38.45 | Pass |
| | | | 13 | 23.02 | -5.82 | 15.05 | <=38.45 | Pass |
| | | | 25 | 23.02 | -5.82 | 15.05 | <=38.45 | Pass |
| | | 50 | 0 | 23.02 | -5.82 | 15.05 | <=38.45 | Pass |
| Note1: ERP=Conducted Power+Antenna Gain-2.15 | | | | | | | | |

# 2. Frequency Stability

## 2.1 Test Result

### 2.1.1 B5_10MHz

| Band: 5 / Bandwidth: 10MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 836.5 | 50 | 0 | 20 | LV | 0.500 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | | NV | 1.500 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | | HV | -1.000 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | -30 | NV | -1.900 | -0.0023 | -2.5 to 2.5 | Pass |
| | | | | -20 | NV | -2.600 | -0.0031 | -2.5 to 2.5 | Pass |
| | | | | -10 | NV | -1.000 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | 0 | NV | 0.100 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 10 | NV | -0.400 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | 30 | NV | 0.600 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 40 | NV | 0.800 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 50 | NV | -0.500 | -0.0006 | -2.5 to 2.5 | Pass |

# 3. 99% & 26dB Bandwidth

## 3.1 Test Result

### 3.1.1 Band5_OBW

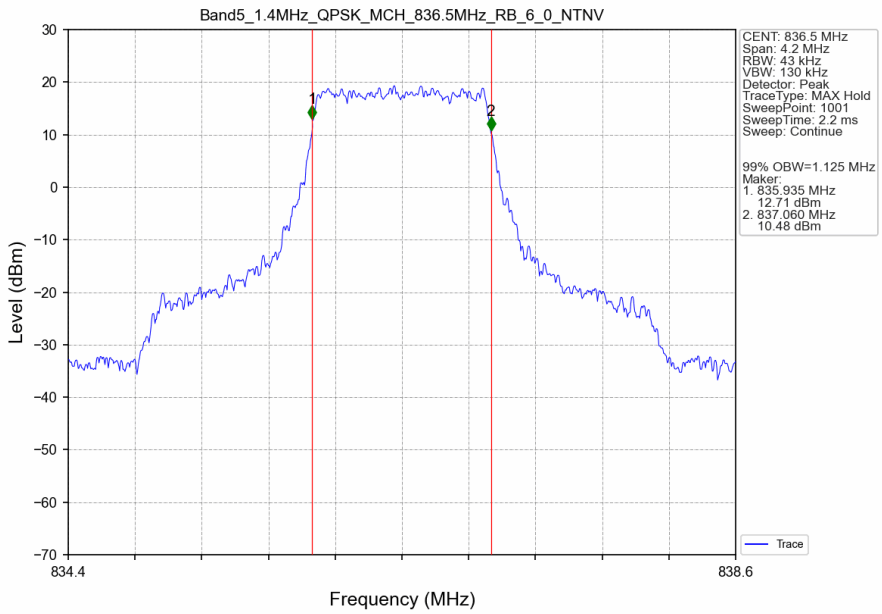
| Band: 5 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 1.4 | QPSK | 836.5 | 6 | 0 | 1.125 | / | Pass |
| | 16QAM | 836.5 | 6 | 0 | 1.128 | / | Pass |
| 3 | QPSK | 836.5 | 15 | 0 | 2.745 | / | Pass |
| | 16QAM | 836.5 | 15 | 0 | 2.738 | / | Pass |
| 5 | QPSK | 836.5 | 25 | 0 | 4.550 | / | Pass |
| | 16QAM | 836.5 | 25 | 0 | 4.552 | / | Pass |
| 10 | QPSK | 836.5 | 50 | 0 | 9.109 | / | Pass |
| | 16QAM | 836.5 | 50 | 0 | 9.078 | / | Pass |

### 3.1.2 Band5_XDB

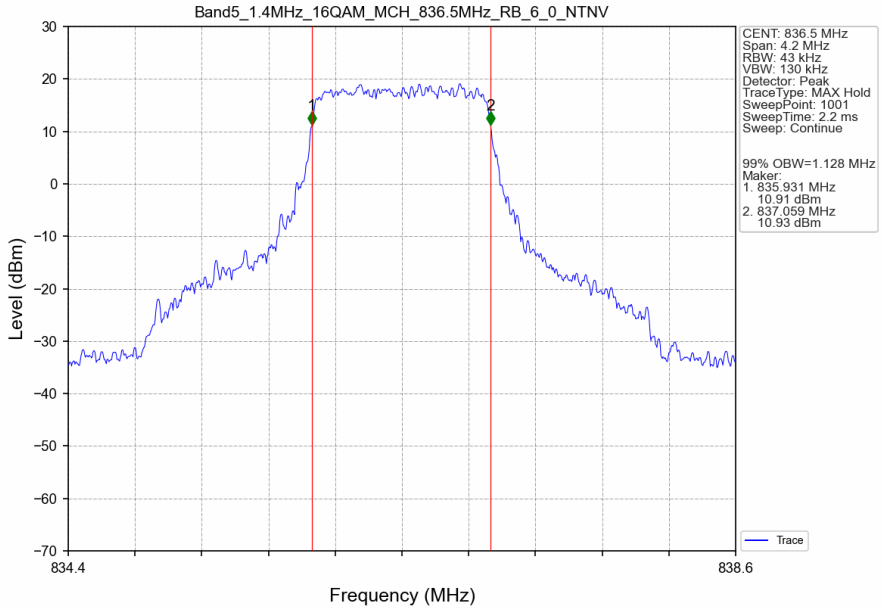
| Band: 5 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 1.4 | QPSK | 836.5 | 6 | 0 | 1.409 | / | Pass |
| | 16QAM | 836.5 | 6 | 0 | 1.502 | / | Pass |
| 3 | QPSK | 836.5 | 15 | 0 | 3.145 | / | Pass |
| | 16QAM | 836.5 | 15 | 0 | 3.130 | / | Pass |
| 5 | QPSK | 836.5 | 25 | 0 | 5.255 | / | Pass |
| | 16QAM | 836.5 | 25 | 0 | 5.195 | / | Pass |
| 10 | QPSK | 836.5 | 50 | 0 | 10.244 | / | Pass |
| | 16QAM | 836.5 | 50 | 0 | 10.188 | / | Pass |

## 3.2 Test Graph

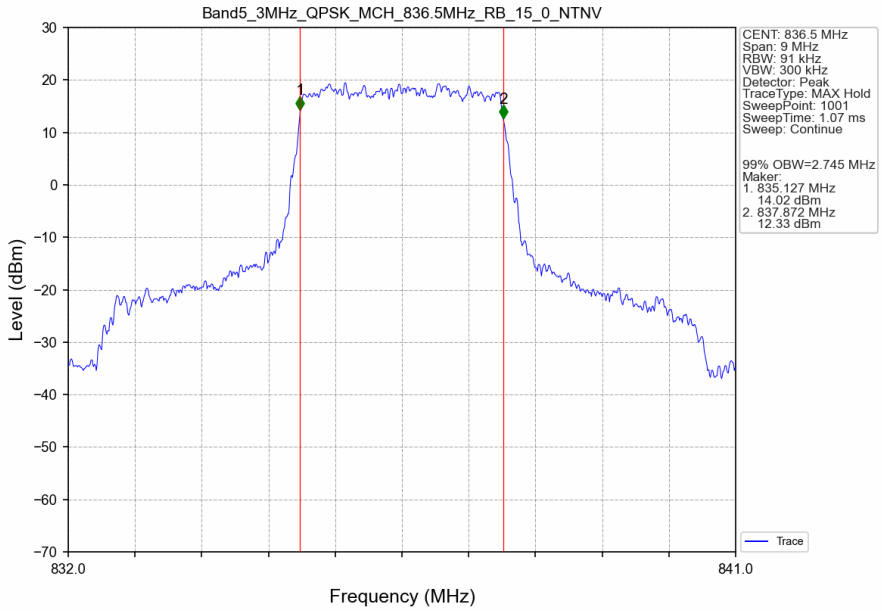
### 3.2.1 Band5_OBW

| Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV |
|---|
|  |

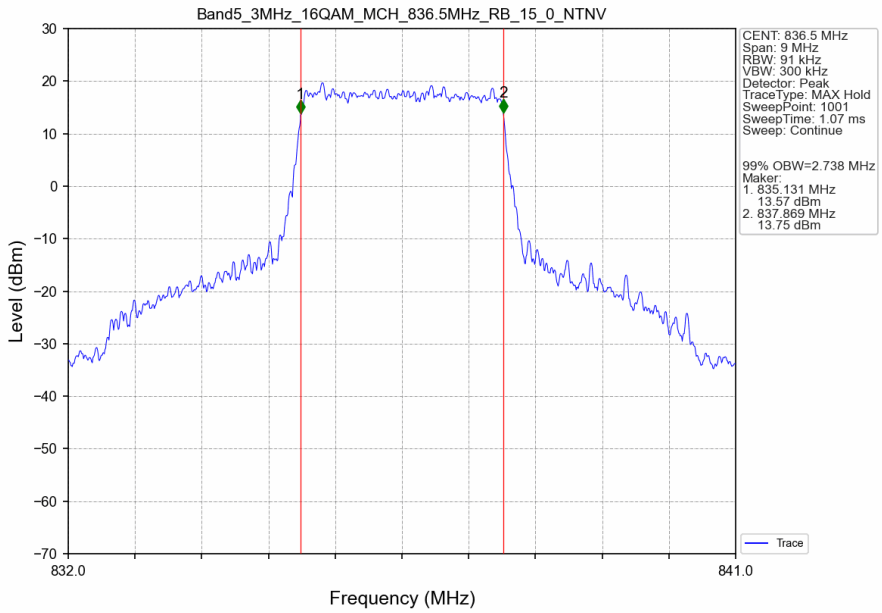


| Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV |
|---|
|  |

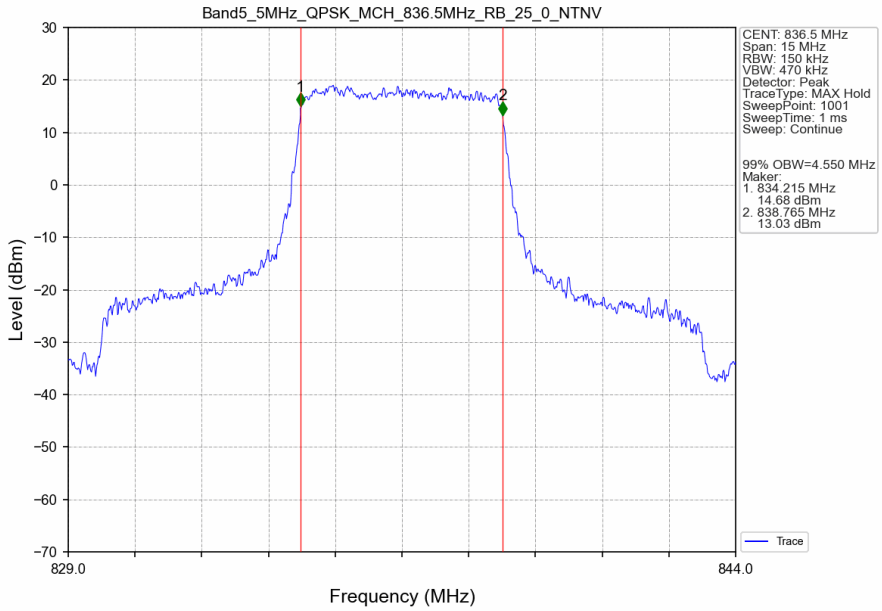
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



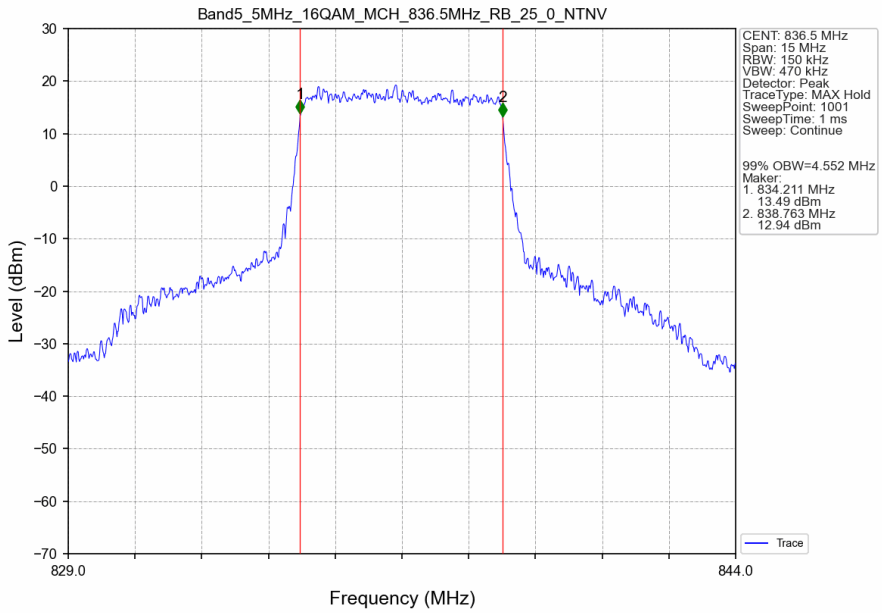

Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



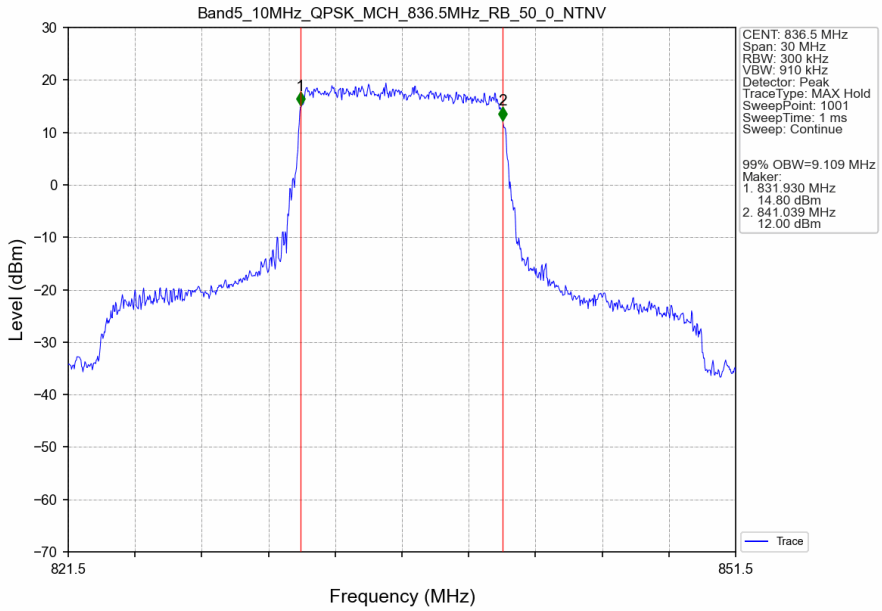
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



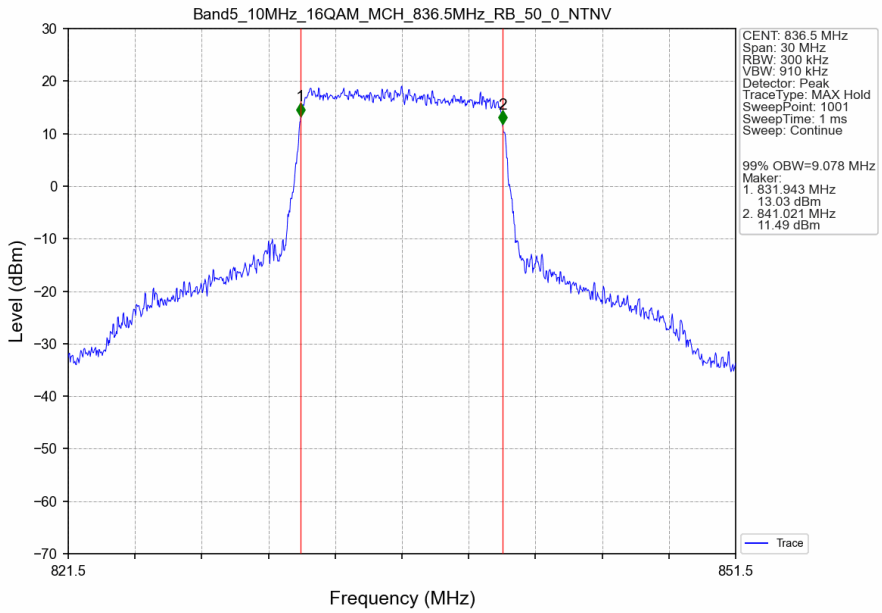

Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



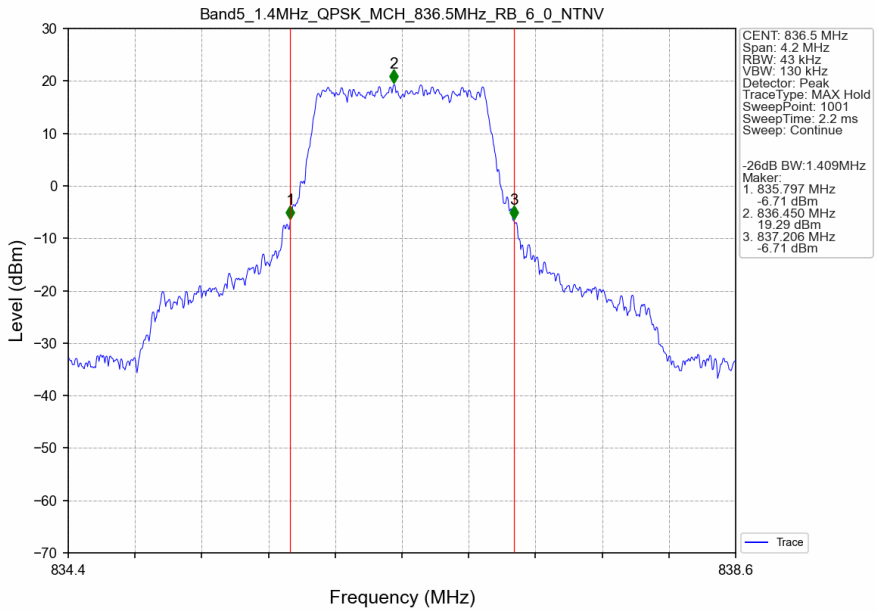
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



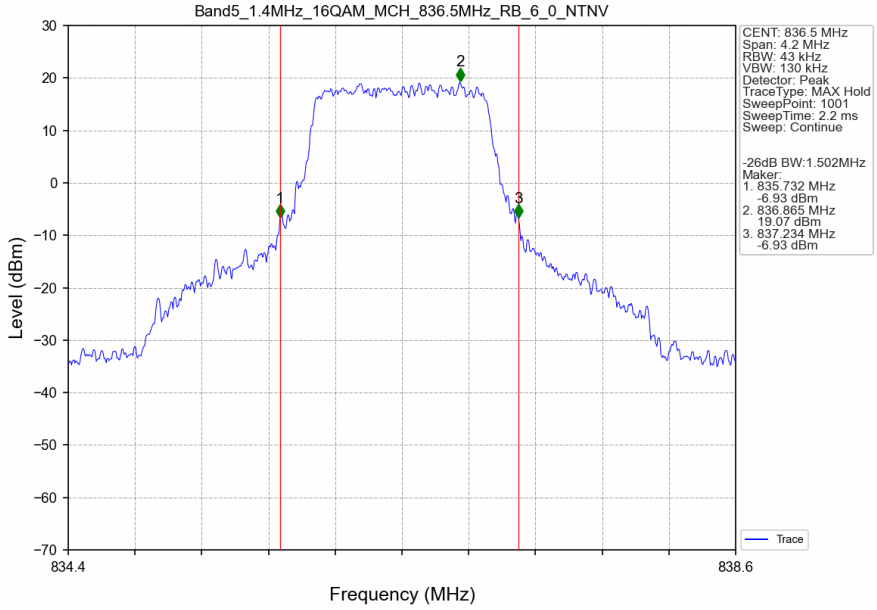

Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



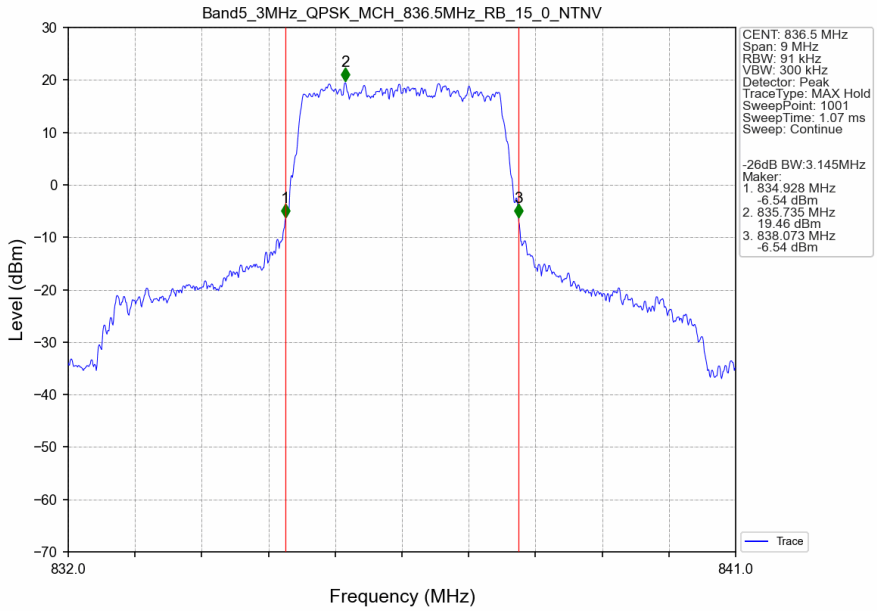
## 3.2.2 Band5_XDB

| Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV |
|---|
|  |

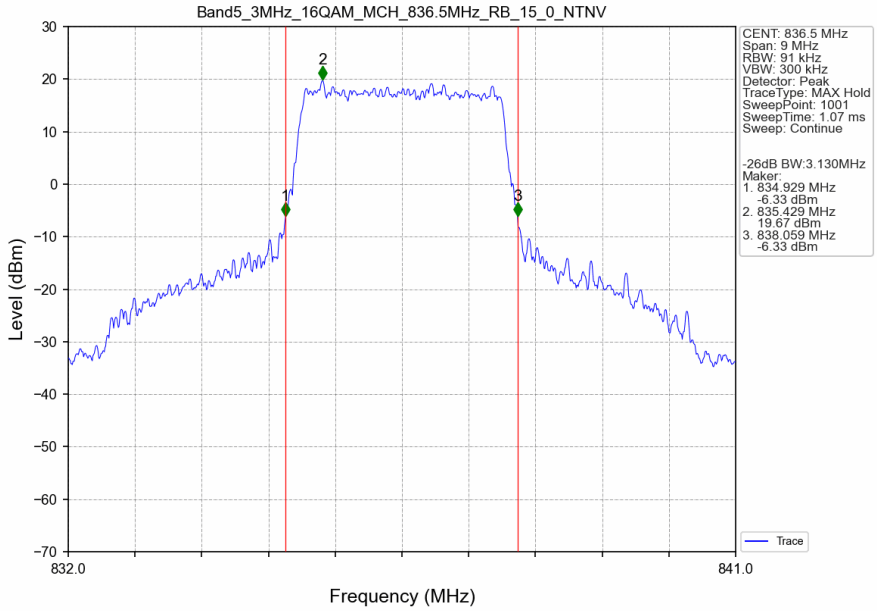


| Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV |
|---|
|  |

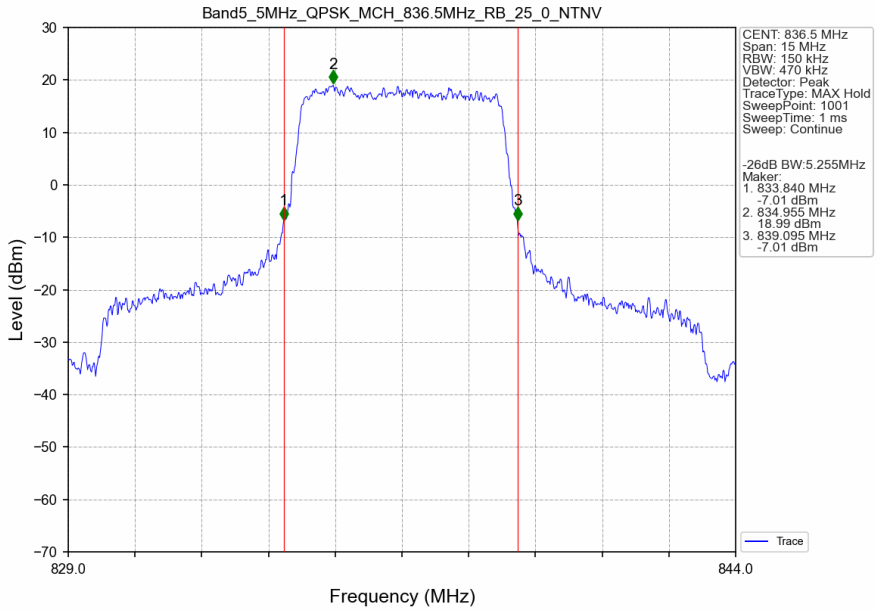
## Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



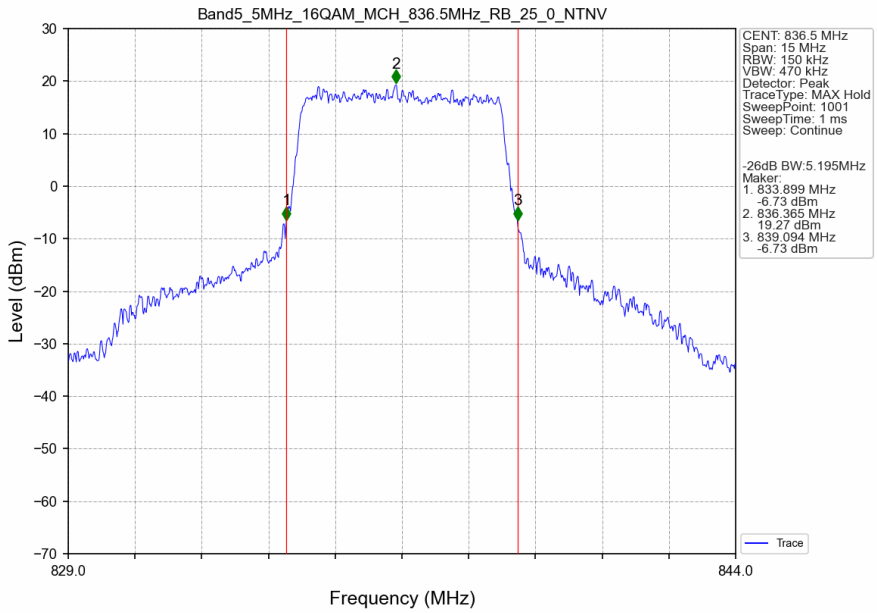

## Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



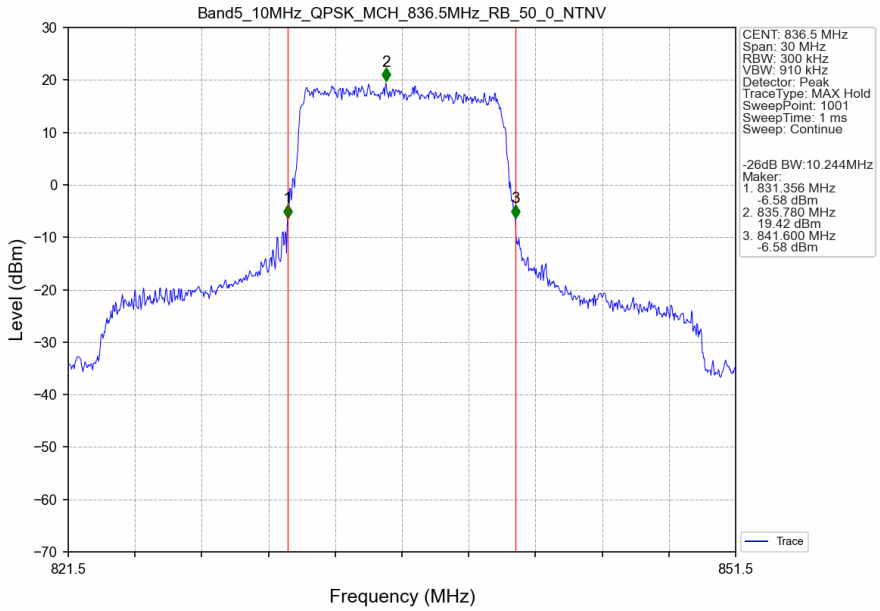
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



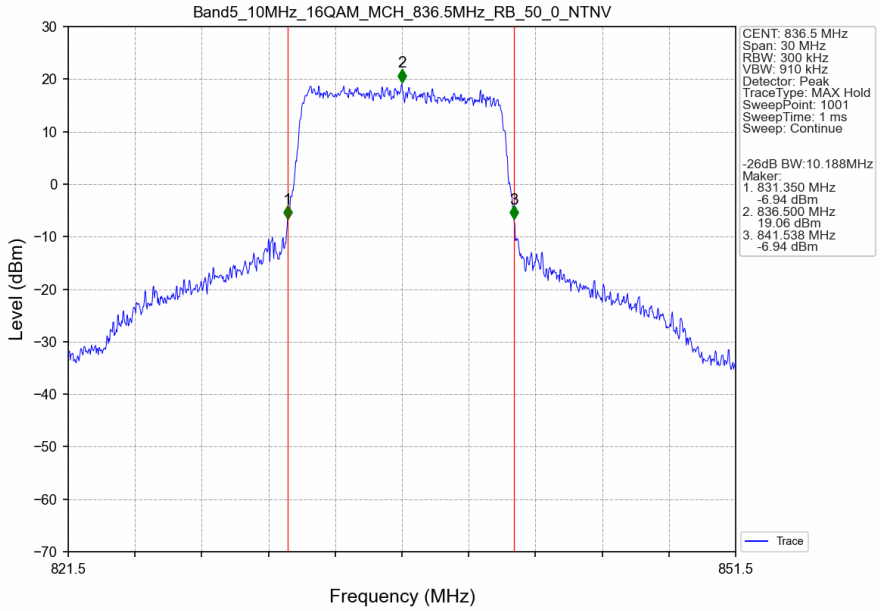

Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV




Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



# 4. Peak-Average Ratio

## 4.1 Test Result

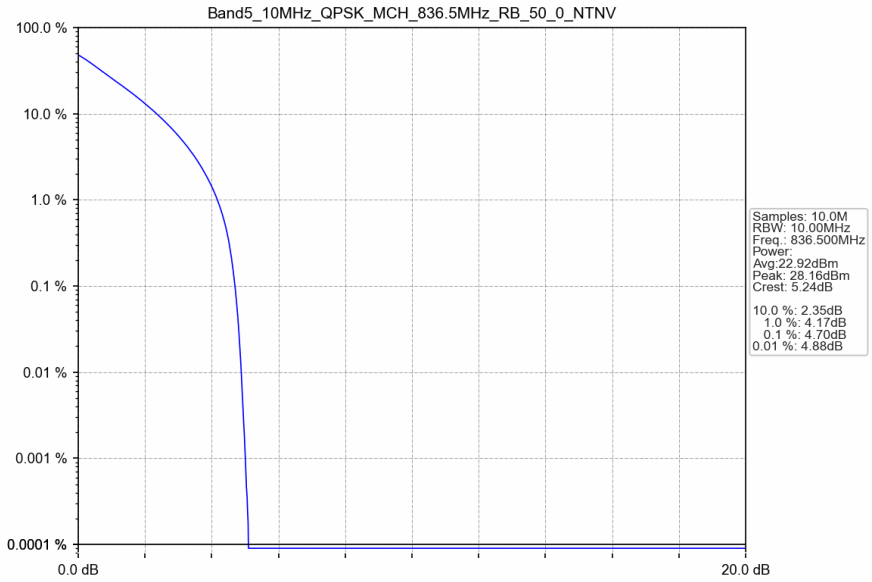
### 4.1.1 B5_10MHz

| Band: 5 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 836.5 | 50 | 0 | 4.70 | <=13 | Pass |
| 16QAM | 836.5 | 50 | 0 | 5.55 | <=13 | Pass |
| 64QAM | 836.5 | 50 | 0 | 5.54 | <=13 | Pass |

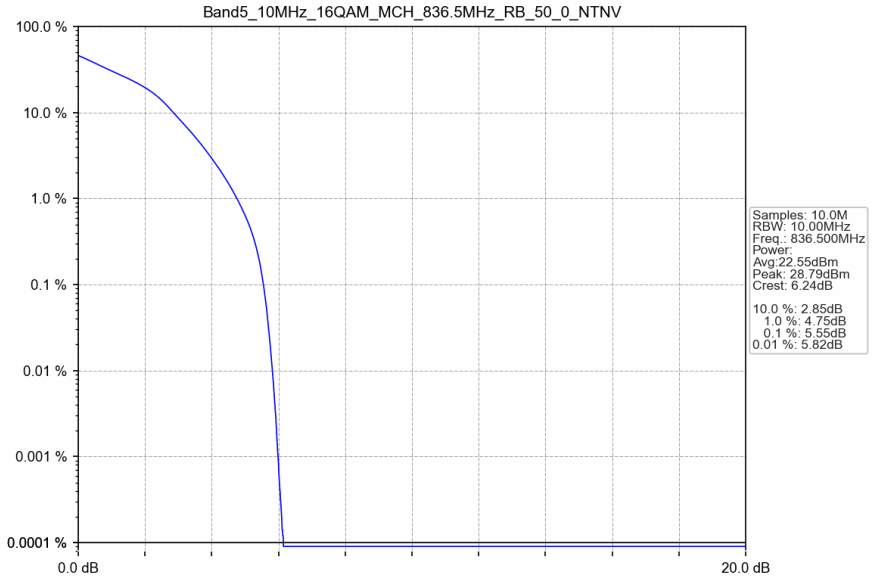
## 4.2 Test Graph

### 4.2.1 B5_10MHz

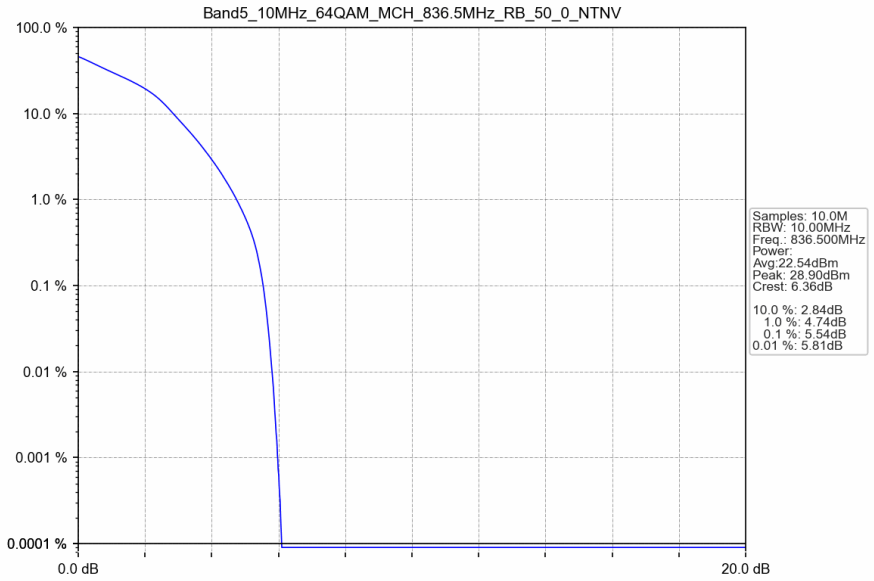
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV




Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



# 5. Spurious Emission

## 5.1 Test Result

### 5.1.1 B5_1.4MHz

| 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 |

### 5.1.2 B5_3MHz

| 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 |

### 5.1.3 B5_5MHz

| 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 |

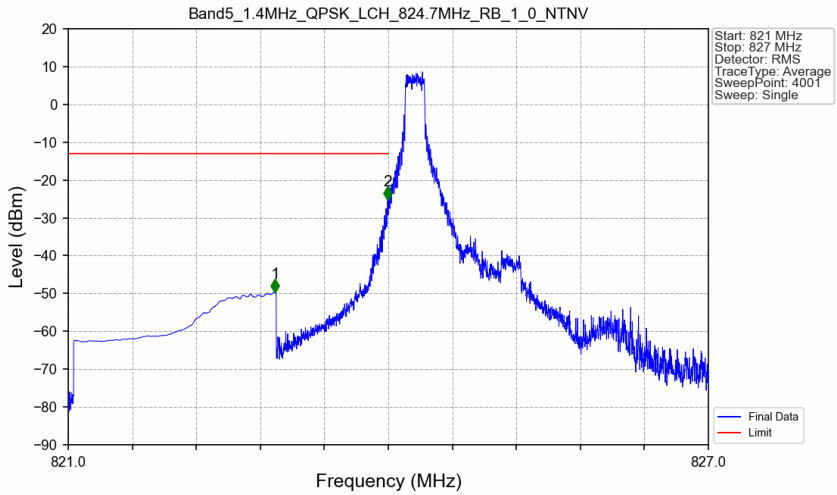
### 5.1.4 B5_10MHz

| 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 |

## 5.2 Test Graph

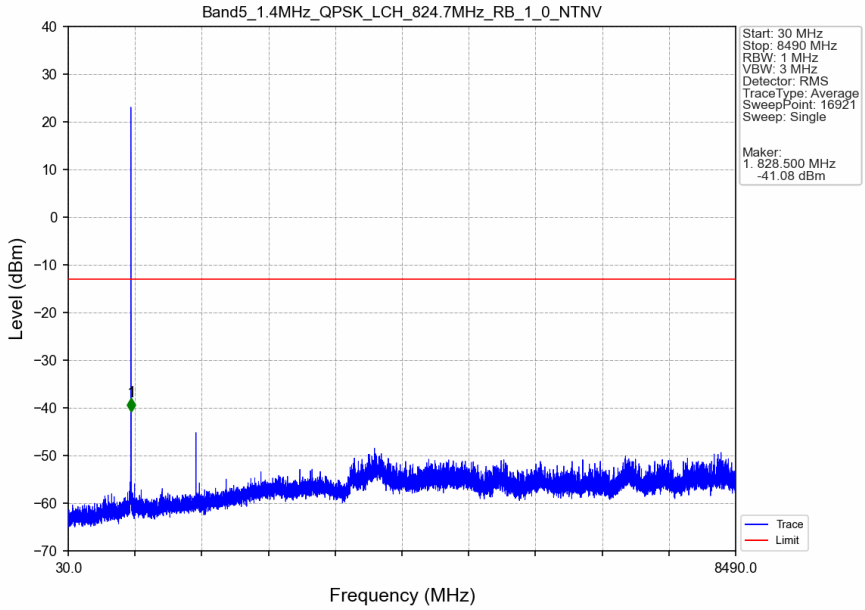
### 5.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

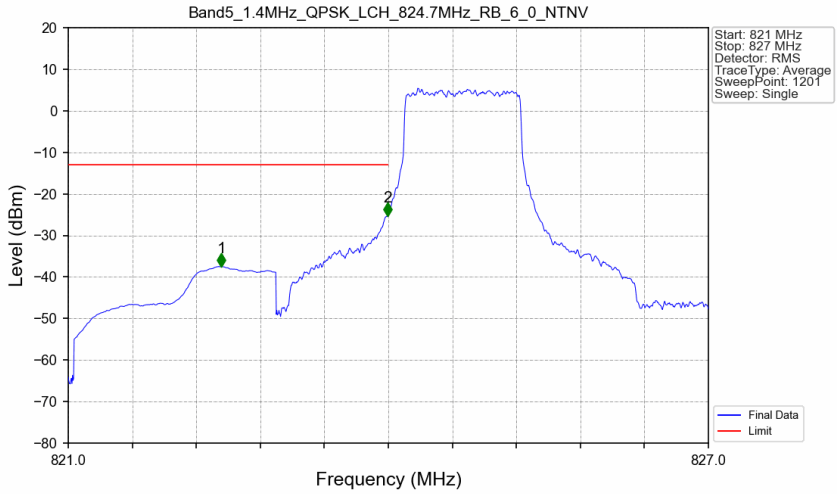



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | CHP | 1 | 822.938 | -49.59 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.994 | -25.30 | -13 | Pass |
| 824 | 827 | 0.003 | / | / | / | / | / | / |

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

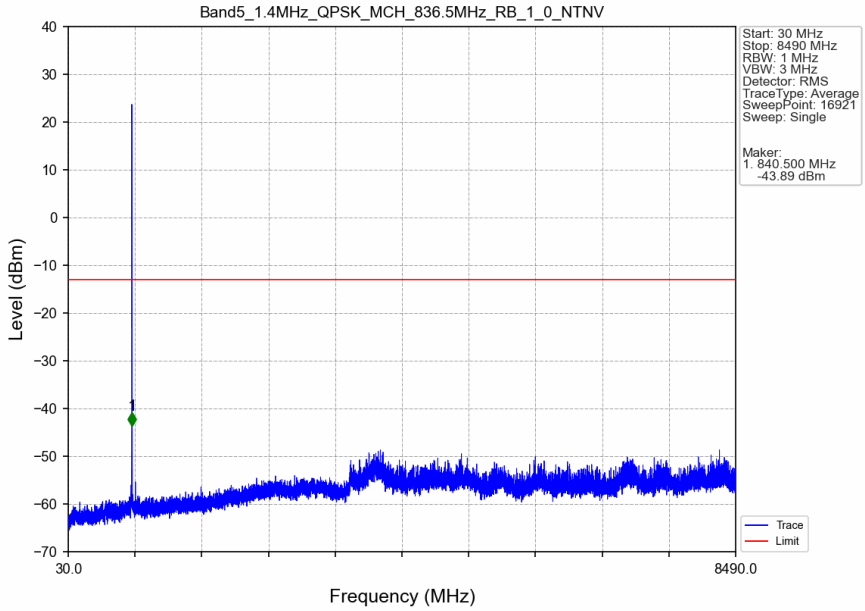


## Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

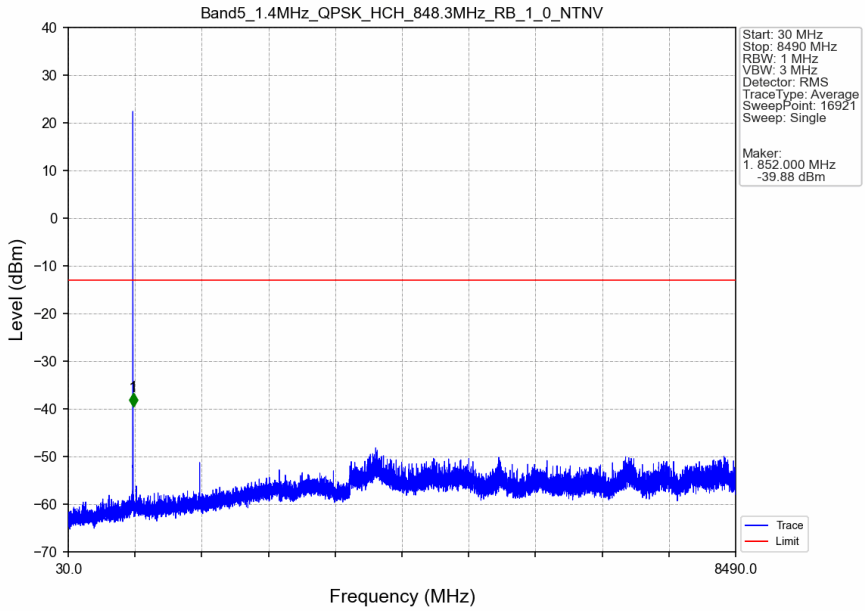



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | CHP | 1 | 822.435 | -37.49 | -13 | Pass |
| 823 | 824 | 0.014 | CHP | 2 | 823.995 | -25.36 | -13 | Pass |
| 824 | 827 | 0.014 | CHP | / | / | / | / | / |

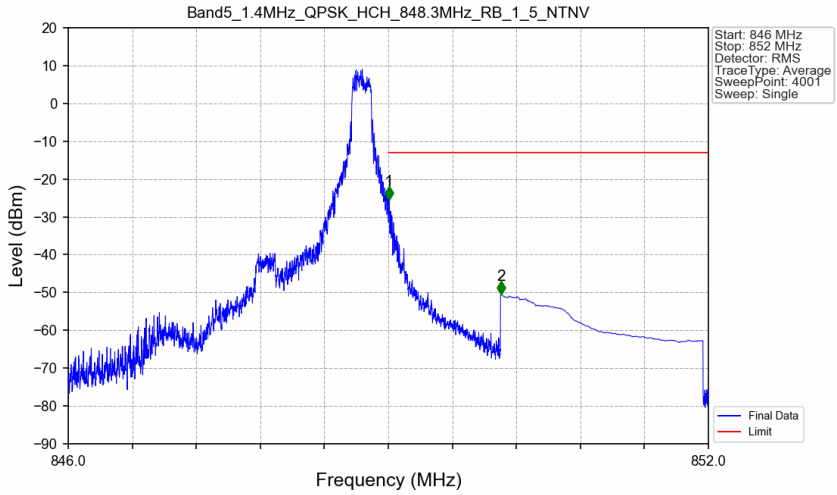
## Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



## Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

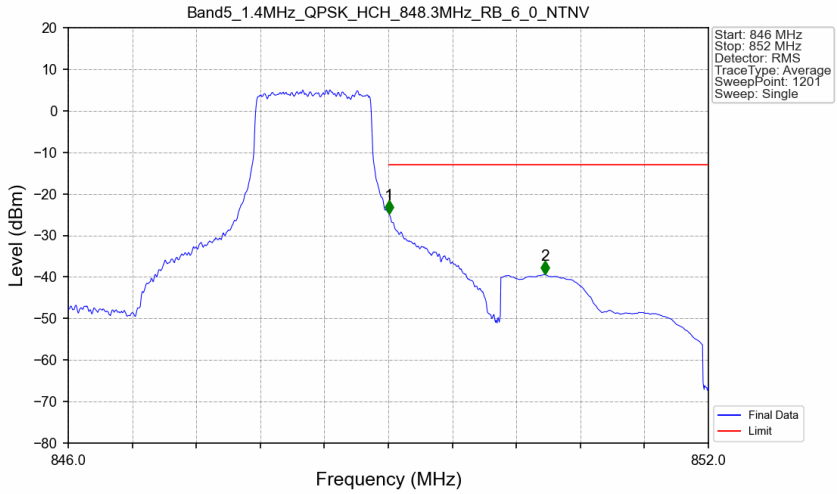



## Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.003 | / | / | / | / | / | / |
| 849 | 850 | 0.003 | / | 1 | 849.008 | -25.36 | -13 | Pass |
| 850 | 852 | 0.1 | CHP | 2 | 850.059 | -50.46 | -13 | Pass |

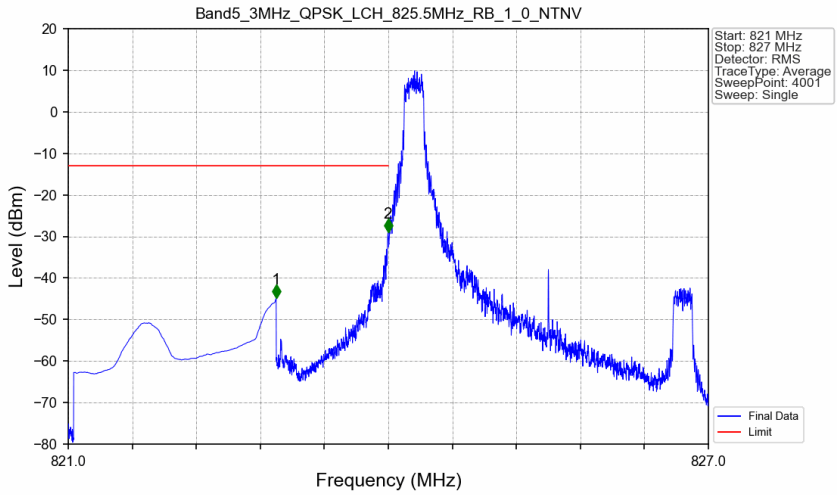
## Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.014 | CHP | / | / | / | / | / |
| 849 | 850 | 0.014 | CHP | 1 | 849.005 | -24.77 | -13 | Pass |
| 850 | 852 | 0.1 | CHP | 2 | 850.470 | -39.40 | -13 | Pass |

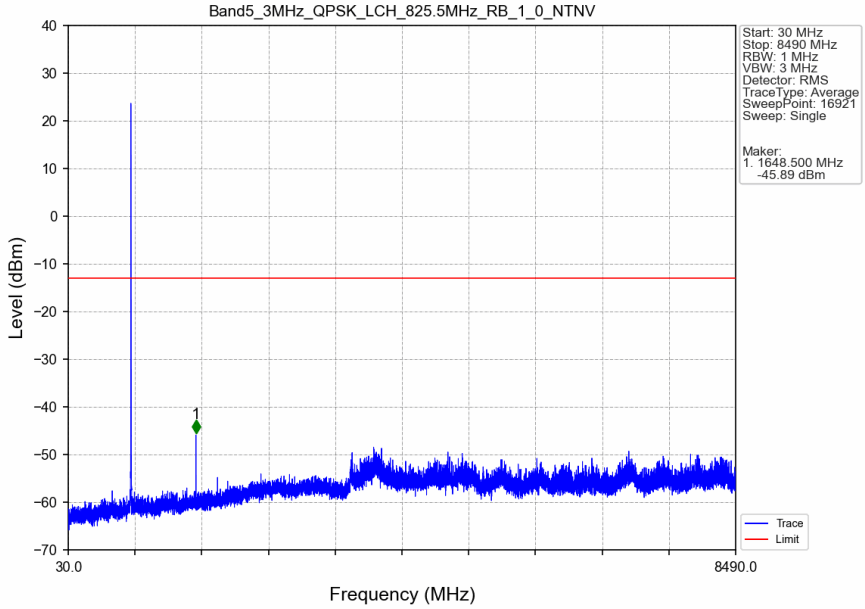
## 5.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

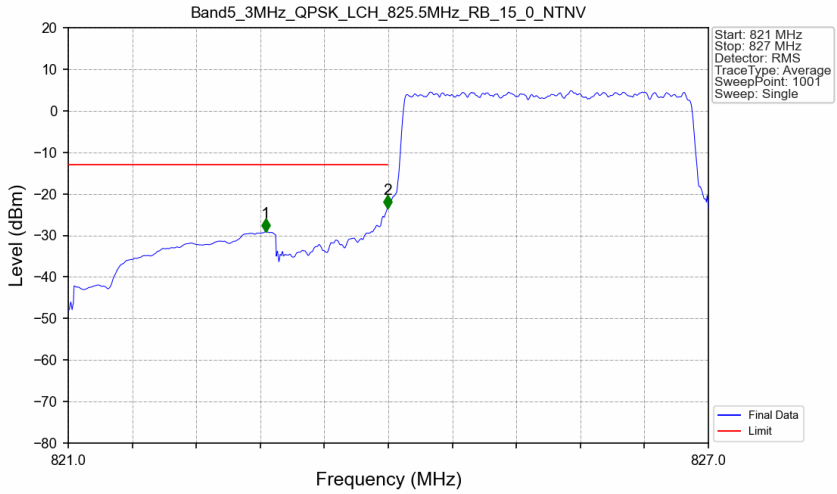



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | CHP | 1 | 822.948 | -44.81 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.997 | -29.03 | -13 | Pass |
| 824 | 827 | 0.003 | / | / | / | / | / | / |

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

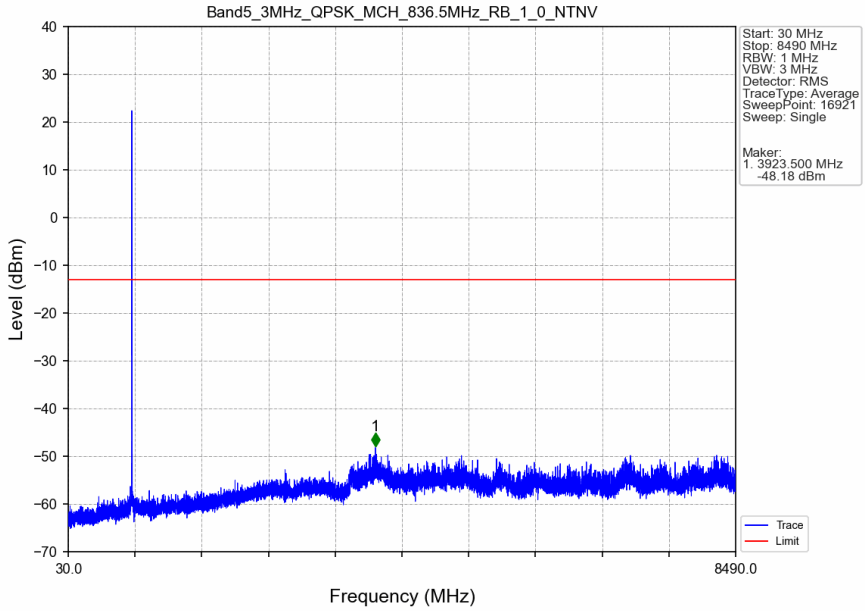


## Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

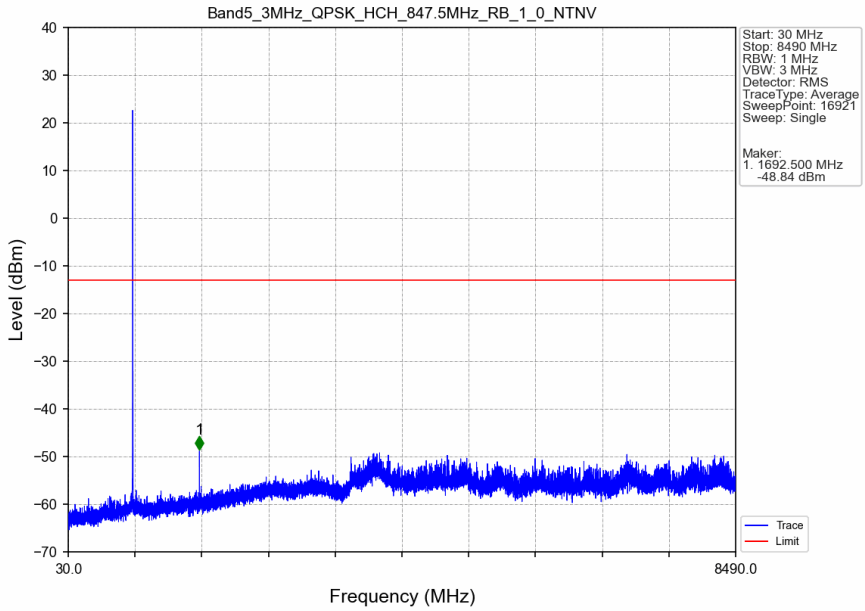



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 821 | 823 | 0.1 | CHP | 1 | 822.848 | -29.09 | -13 | Pass |
| 823 | 824 | 0.031 | CHP | 2 | 823.994 | -23.43 | -13 | Pass |
| 824 | 827 | 0.031 | CHP | / | / | / | / | / |

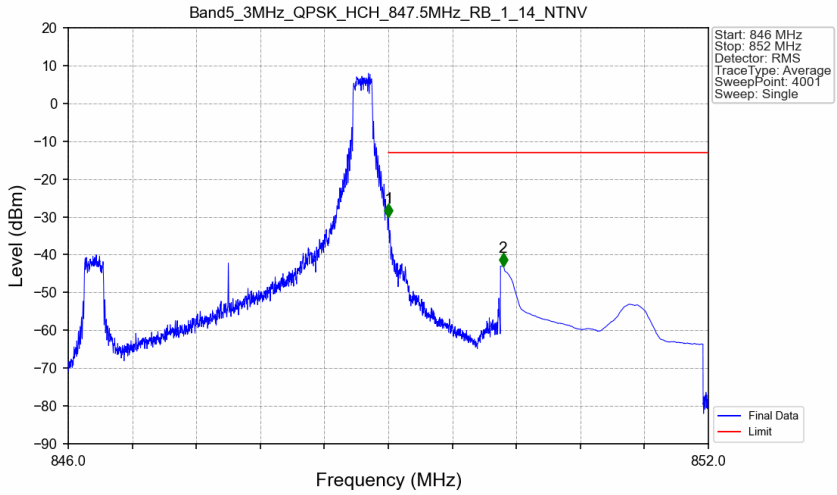
## Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



## Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

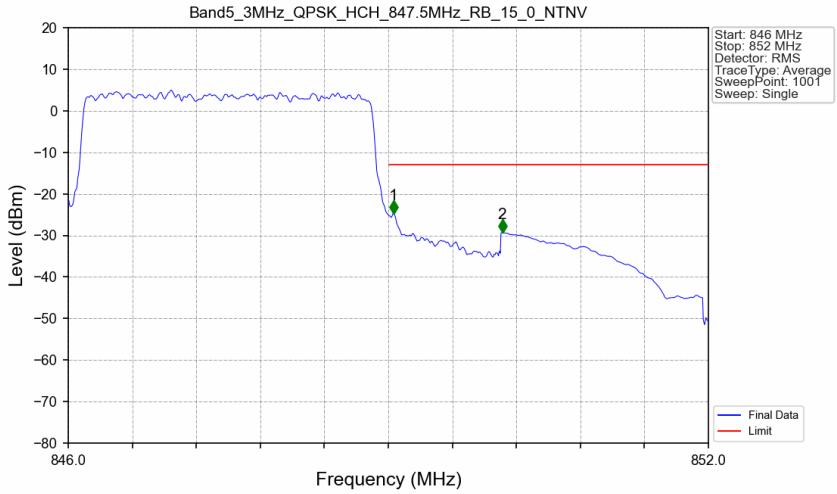



## Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV




| 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 | 849.001 | -30.00 | -13 | Pass |
| 850 | 852 | 0.1 | CHP | 2 | 850.076 | -42.99 | -13 | Pass |

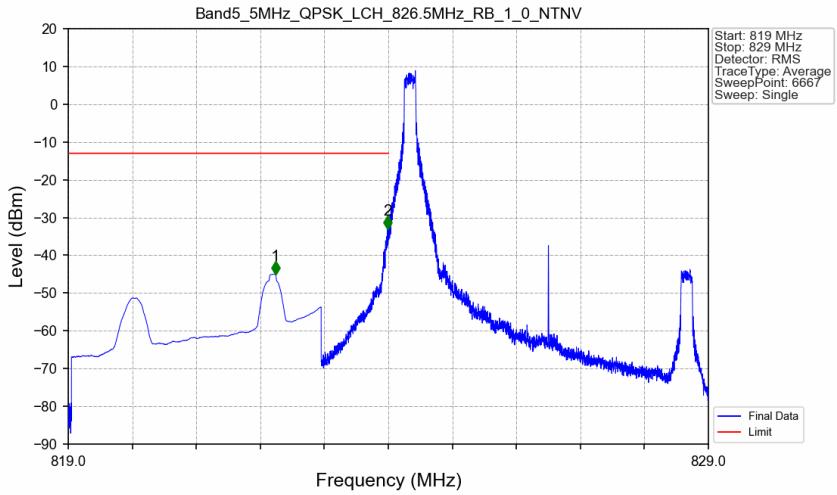
## Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 846 | 849 | 0.031 | CHP | / | / | / | / | / |
| 849 | 850 | 0.031 | CHP | 1 | 849.048 | -24.69 | -13 | Pass |
| 850 | 852 | 0.1 | CHP | 2 | 850.068 | -29.36 | -13 | Pass |

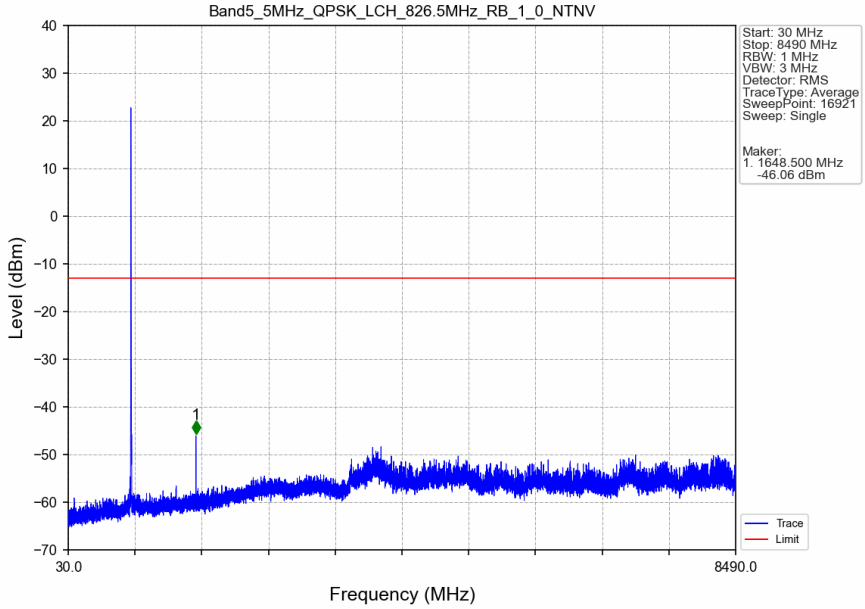
## 5.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

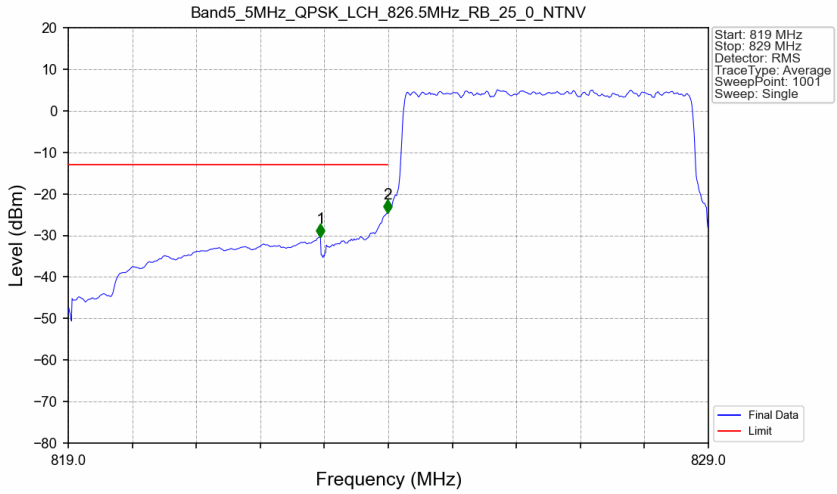



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 823 | 0.1 | CHP | 1 | 822.234 | -45.01 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.985 | -32.98 | -13 | Pass |
| 824 | 829 | 0.003 | / | / | / | / | / | / |

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

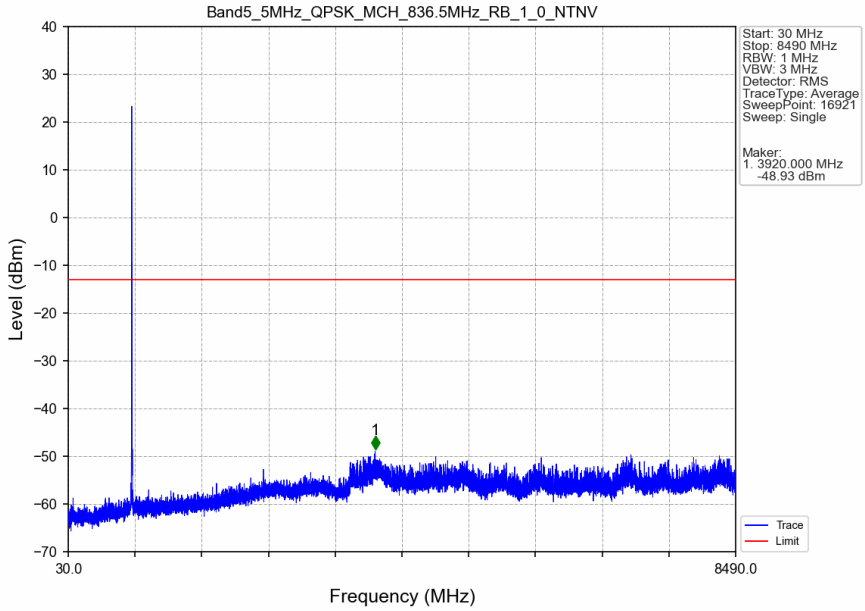


## Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

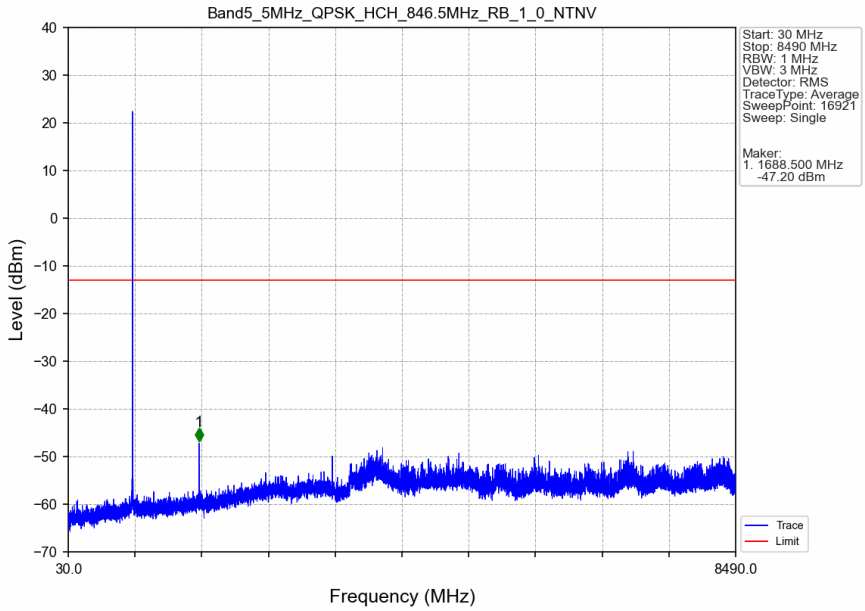



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 819 | 823 | 0.1 | CHP | 1 | 822.940 | -30.33 | -13 | Pass |
| 823 | 824 | 0.053 | CHP | 2 | 823.990 | -24.62 | -13 | Pass |
| 824 | 829 | 0.053 | CHP | / | / | / | / | / |

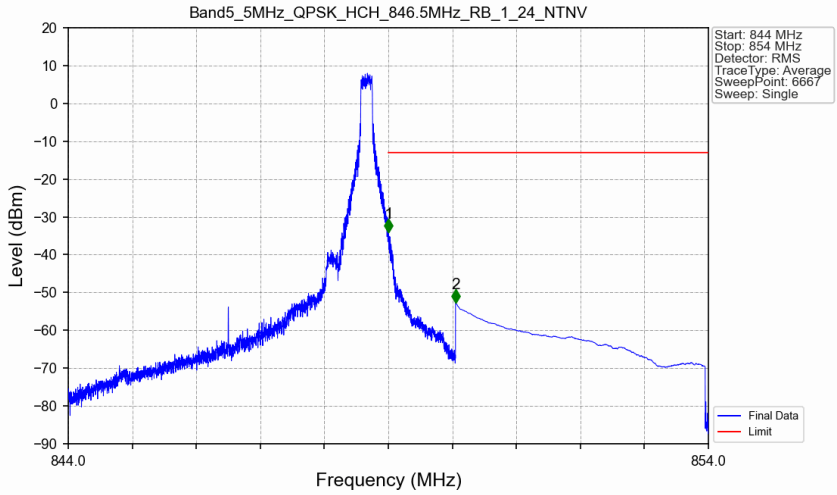
## Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



## Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

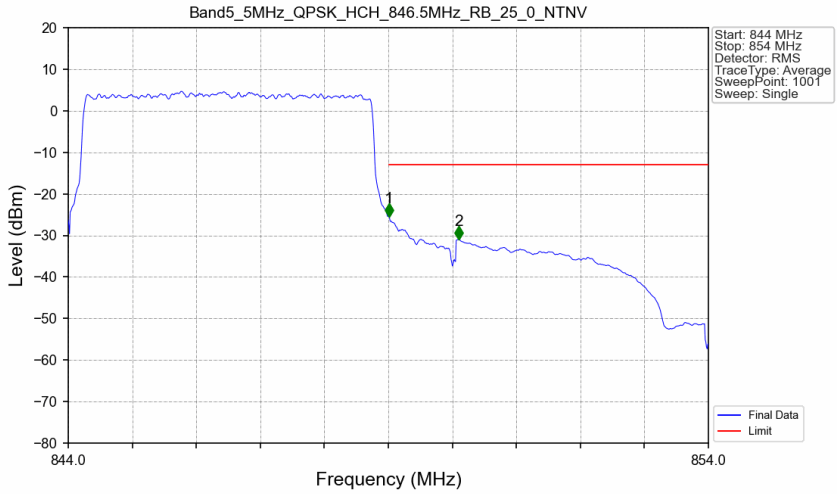



## Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV




| 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 | 849.001 | -34.06 | -13 | Pass |
| 850 | 854 | 0.1 | CHP | 2 | 850.050 | -52.74 | -13 | Pass |

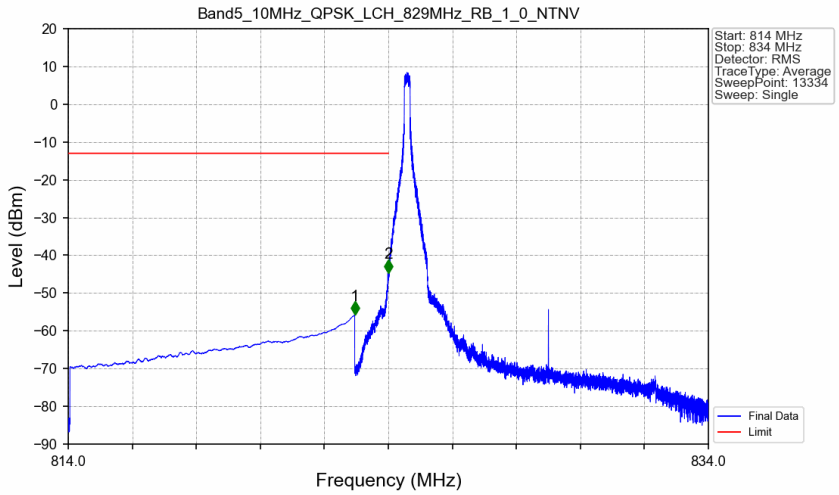
## Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 844 | 849 | 0.052 | CHP | / | / | / | / | / |
| 849 | 850 | 0.052 | CHP | 1 | 849.010 | -25.45 | -13 | Pass |
| 850 | 854 | 0.1 | CHP | 2 | 850.100 | -30.94 | -13 | Pass |

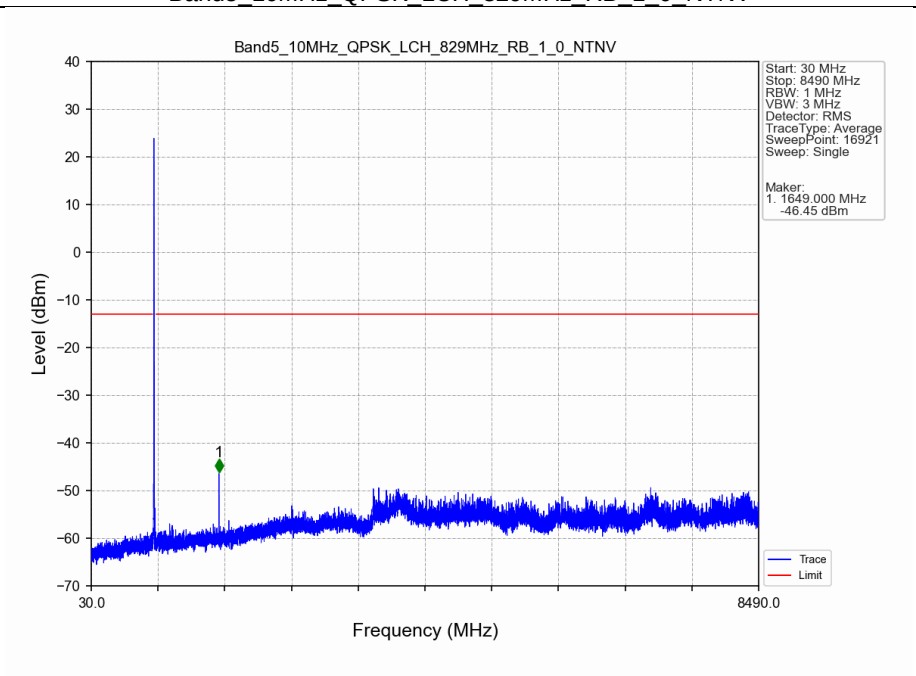
## 5.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

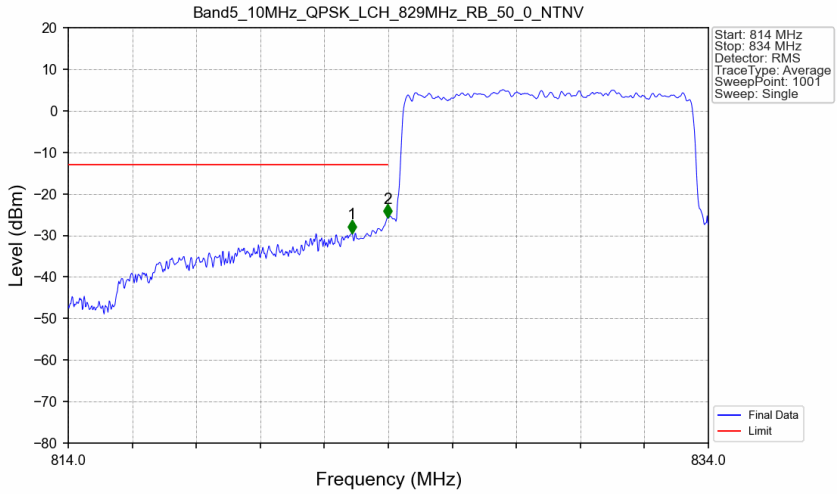



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 823 | 0.1 | CHP | 1 | 822.949 | -55.76 | -13 | Pass |
| 823 | 824 | 0.003 | / | 2 | 823.998 | -44.56 | -13 | Pass |
| 824 | 834 | 0.003 | / | / | / | / | / | / |

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

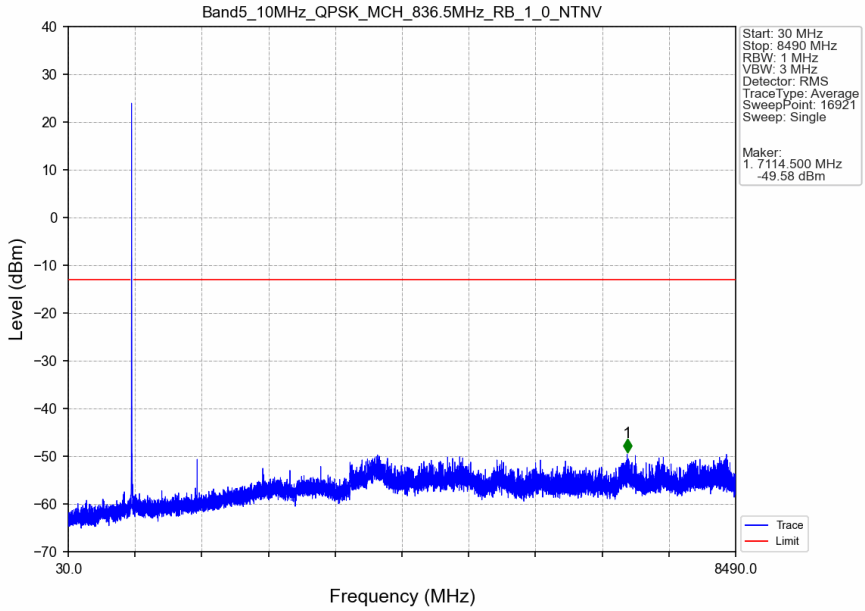


## Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

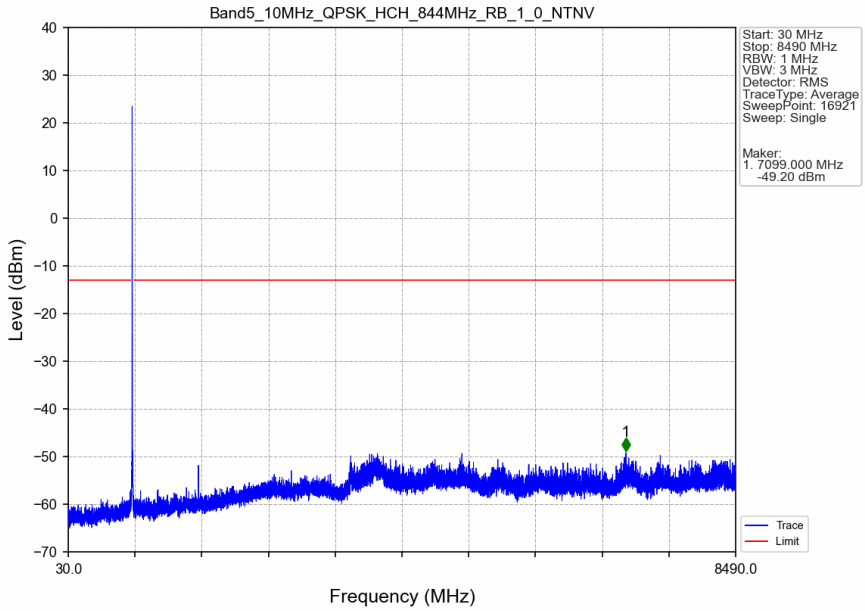



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 814 | 823 | 0.1 | / | 1 | 822.860 | -29.40 | -13 | Pass |
| 823 | 824 | 0.102 | CHP | 2 | 823.980 | -25.73 | -13 | Pass |
| 824 | 834 | 0.102 | CHP | / | / | / | / | / |

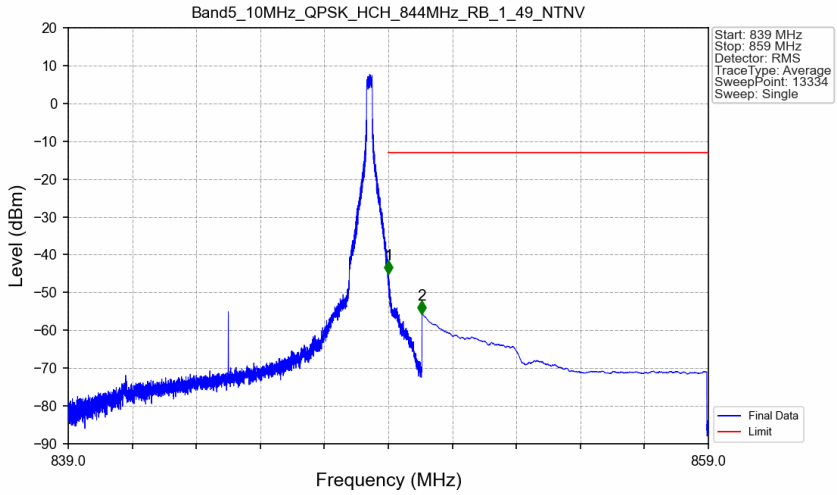
## Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



## Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

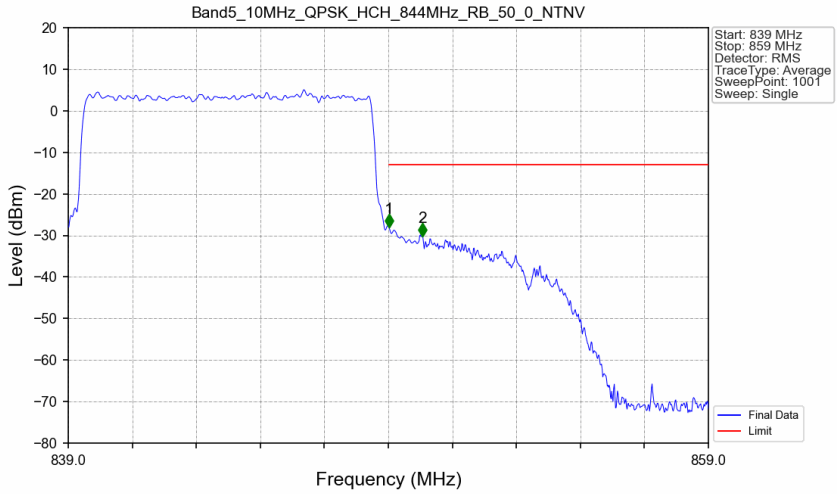



## Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV




| 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 | 849.002 | -45.05 | -13 | Pass |
| 850 | 859 | 0.1 | CHP | 2 | 850.051 | -55.65 | -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 | CHP | / | / | / | / | / |
| 849 | 850 | 0.102 | CHP | 1 | 849.020 | -28.09 | -13 | Pass |
| 850 | 859 | 0.1 | / | 2 | 850.060 | -30.19 | -13 | Pass |

## 6. Field Strength of Spurious Radiation

| LTE Band 5 ANT0-Low channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Over Limit (dB)** | **S.G. Power (dBm)** | **Cable Loss (dB)** | **Antenna Gain (dBi)** | **Polarization (H/V)** | **Result** |
| 1649.0 | -70.56 | -13 | -57.56 | -73.44 | 2.62 | 5.5 | Horizontal | Pass |
| 2473.5 | -69.48 | -13 | -56.48 | -72.18 | 3.06 | 5.76 | Horizontal | Pass |
| 3298.0 | -63.61 | -13 | -50.61 | -67.97 | 3.3 | 7.66 | Horizontal | Pass |
| 1649.0 | -71.42 | -13 | -58.42 | -74.3 | 2.62 | 5.5 | Vertical | Pass |
| 2473.5 | -69.08 | -13 | -56.08 | -71.78 | 3.06 | 5.76 | Vertical | Pass |
| 3298.0 | -66.62 | -13 | -53.62 | -70.98 | 3.3 | 7.66 | Vertical | Pass |

| LTE Band 5 ANT0-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Over Limit (dB)** | **S.G. Power (dBm)** | **Cable Loss (dB)** | **Antenna Gain (dBi)** | **Polarization (H/V)** | **Result** |
| 1664.0 | -71.55 | -13 | -58.55 | -74.39 | 2.63 | 5.47 | Horizontal | Pass |
| 2496.0 | -69.14 | -13 | -56.14 | -71.87 | 3.08 | 5.81 | Horizontal | Pass |
| 3328.0 | -66.64 | -13 | -53.64 | -71.07 | 3.31 | 7.74 | Horizontal | Pass |
| 1664.0 | -71.54 | -13 | -58.54 | -74.38 | 2.63 | 5.47 | Vertical | Pass |
| 2496.0 | -68.69 | -13 | -55.69 | -71.42 | 3.08 | 5.81 | Vertical | Pass |
| 3328.0 | -67.22 | -13 | -54.22 | -71.65 | 3.31 | 7.74 | Vertical | Pass |

| LTE Band 5 ANT0-High channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Frequency (MHz)** | **EIRP (dBm)** | **Limit (dBm)** | **Over Limit (dB)** | **S.G. Power (dBm)** | **Cable Loss (dB)** | **Antenna Gain (dBi)** | **Polarization (H/V)** | **Result** |
| 1679.0 | -71.52 | -13 | -58.52 | -74.32 | 2.63 | 5.43 | Horizontal | Pass |
| 2518.5 | -69.2 | -13 | -56.2 | -71.98 | 3.08 | 5.86 | Horizontal | Pass |
| 3358.0 | -62.58 | -13 | -49.58 | -67.07 | 3.33 | 7.82 | Horizontal | Pass |
| 1679.0 | -71.82 | -13 | -58.82 | -74.62 | 2.63 | 5.43 | Vertical | Pass |
| 2518.5 | -69.15 | -13 | -56.15 | -71.93 | 3.08 | 5.86 | Vertical | Pass |
| 3358.0 | -63.6 | -13 | -50.6 | -68.09 | 3.33 | 7.82 | Vertical | Pass |

| CA_5A_66A-Low channel | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3422.0 | -66.45 | -13 | -53.45 | -71.07 | 3.36 | 7.98 | Horizontal | Pass |
| 5133.0 | -63.17 | -13 | -50.17 | -68.78 | 4.61 | 10.22 | Horizontal | Pass |
| 6844.0 | -61.12 | -13 | -48.12 | -67.15 | 4.9 | 10.93 | Horizontal | Pass |
| 3422.0 | -66.79 | -13 | -53.79 | -71.41 | 3.36 | 7.98 | Vertical | Pass |
| 5133.0 | -62.98 | -13 | -49.98 | -68.59 | 4.61 | 10.22 | Vertical | Pass |
| 6844.0 | -61.47 | -13 | -48.47 | -67.5 | 4.9 | 10.93 | Vertical | Pass |

| CA_5A_66A-Middle channel | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3472.0 | -67.01 | -13 | -54.01 | -71.72 | 3.39 | 8.1 | Horizontal | Pass |
| 5208.0 | -63.35 | -13 | -50.35 | -68.98 | 4.64 | 10.27 | Horizontal | Pass |
| 6944.0 | -61.66 | -13 | -48.66 | -67.81 | 4.91 | 11.06 | Horizontal | Pass |
| 3472.0 | -67.38 | -13 | -54.38 | -72.09 | 3.39 | 8.1 | Vertical | Pass |
| 5208.0 | -63.58 | -13 | -50.58 | -69.21 | 4.64 | 10.27 | Vertical | Pass |
| 6944.0 | -61.66 | -13 | -48.66 | -67.81 | 4.91 | 11.06 | Vertical | Pass |

| CA_5A_66A-High channel | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 3522.0 | -67.04 | -13 | -54.04 | -71.82 | 3.42 | 8.2 | Horizontal | Pass |
| 5283.0 | -62.31 | -13 | -49.31 | -67.97 | 4.66 | 10.32 | Horizontal | Pass |
| 7044.0 | -61.61 | -13 | -48.61 | -67.87 | 4.92 | 11.18 | Horizontal | Pass |
| 3522.0 | -67.07 | -13 | -54.07 | -71.85 | 3.42 | 8.2 | Vertical | Pass |
| 5283.0 | -63.4 | -13 | -50.4 | -69.06 | 4.66 | 10.32 | Vertical | Pass |
| 7044.0 | -61.26 | -13 | -48.26 | -67.52 | 4.92 | 11.18 | Vertical | Pass |

| CA_5A_7A-Low channel | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5002.0 | -62.72 | -25 | -37.72 | -68.29 | 4.57 | 10.14 | Horizontal | Pass |
| 7503.0 | -59.9 | -25 | -34.9 | -66.7 | 4.94 | 11.74 | Horizontal | Pass |
| 10004.0 | -57.12 | -25 | -32.12 | -64.69 | 5.46 | 13.03 | Horizontal | Pass |
| 5002.0 | -62.39 | -25 | -37.39 | -67.96 | 4.57 | 10.14 | Vertical | Pass |
| 7503.0 | -59.96 | -25 | -34.96 | -66.76 | 4.94 | 11.74 | Vertical | Pass |
| 10004.0 | -56.59 | -25 | -31.59 | -64.16 | 5.46 | 13.03 | Vertical | Pass |

| CA_5A_7A-Middle channel | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5052.0 | -63.78 | -25 | -38.78 | -69.36 | 4.59 | 10.17 | Horizontal | Pass |
| 7578.0 | -60.57 | -25 | -35.57 | -67.45 | 4.95 | 11.83 | Horizontal | Pass |
| 10104.0 | -57.22 | -25 | -32.22 | -64.79 | 5.48 | 13.05 | Horizontal | Pass |
| 5052.0 | -63.6 | -25 | -38.6 | -69.18 | 4.59 | 10.17 | Vertical | Pass |
| 7578.0 | -60.8 | -25 | -35.8 | -67.68 | 4.95 | 11.83 | Vertical | Pass |
| 10104.0 | -57.51 | -25 | -32.51 | -65.08 | 5.48 | 13.05 | Vertical | Pass |

| CA_5A_7A-High channel | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5102.0 | -63.9 | -25 | -38.9 | -69.5 | 4.6 | 10.2 | Horizontal | Pass |
| 7653.0 | -60.36 | -25 | -35.36 | -67.33 | 4.95 | 11.92 | Horizontal | Pass |
| 10204.0 | -57.68 | -25 | -32.68 | -65.26 | 5.49 | 13.07 | Horizontal | Pass |
| 5102.0 | -63.91 | -25 | -38.91 | -69.51 | 4.6 | 10.2 | Vertical | Pass |
| 7653.0 | -60.18 | -25 | -35.18 | -67.15 | 4.95 | 11.92 | Vertical | Pass |
| 10204.0 | -57.61 | -25 | -32.61 | -65.19 | 5.49 | 13.07 | Vertical | Pass |