# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B48_5MHz_EIRP

| Band: 48 / Bandwidth: 5MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3552.5 | 1 | 0 | 19.02 | 0.12 | 19.14 | / | Pass |
| | | | 13 | 19.02 | 0.12 | 19.14 | / | Pass |
| | | | 24 | 18.92 | 0.12 | 19.04 | / | Pass |
| | | 12 | 0 | 20.09 | 0.12 | 20.21 | / | Pass |
| | | | 6 | 20.08 | 0.12 | 20.20 | / | Pass |
| | | | 13 | 20.05 | 0.12 | 20.17 | / | Pass |
| | | 25 | 0 | 20.04 | 0.12 | 20.16 | / | Pass |
| | 3625 | 1 | 0 | 19.76 | 0.12 | 19.88 | / | Pass |
| | | | 13 | 19.83 | 0.12 | 19.95 | / | Pass |
| | | | 24 | 19.74 | 0.12 | 19.86 | / | Pass |
| | | 12 | 0 | 20.78 | 0.12 | 20.90 | / | Pass |
| | | | 6 | 20.94 | 0.12 | 21.06 | / | Pass |
| | | | 13 | 20.87 | 0.12 | 20.99 | / | Pass |
| | | 25 | 0 | 20.80 | 0.12 | 20.92 | / | Pass |
| | 3697.5 | 1 | 0 | 19.98 | 0.12 | 20.10 | / | Pass |
| | | | 13 | 19.91 | 0.12 | 20.03 | / | Pass |
| | | | 24 | 19.99 | 0.12 | 20.11 | / | Pass |
| | | 12 | 0 | 21.15 | 0.12 | 21.27 | / | Pass |
| | | | 6 | 21.13 | 0.12 | 21.25 | / | Pass |
| | | | 13 | 21.18 | 0.12 | 21.30 | / | Pass |
| | | 25 | 0 | 21.11 | 0.12 | 21.23 | / | Pass |
| 16QAM | 3552.5 | 1 | 0 | 20.16 | 0.12 | 20.28 | / | Pass |
| | | | 13 | 20.04 | 0.12 | 20.16 | / | Pass |
| | | | 24 | 20.06 | 0.12 | 20.18 | / | Pass |
| | | 12 | 0 | 19.04 | 0.12 | 19.16 | / | Pass |
| | | | 6 | 19.10 | 0.12 | 19.22 | / | Pass |
| | | | 13 | 19.00 | 0.12 | 19.12 | / | Pass |
| | | 25 | 0 | 19.01 | 0.12 | 19.13 | / | Pass |
| | 3625 | 1 | 0 | 20.78 | 0.12 | 20.90 | / | Pass |
| | | | 13 | 20.90 | 0.12 | 21.02 | / | Pass |
| | | | 24 | 20.91 | 0.12 | 21.03 | / | Pass |
| | | 12 | 0 | 19.79 | 0.12 | 19.91 | / | Pass |
| | | | 6 | 19.82 | 0.12 | 19.94 | / | Pass |
| | | | 13 | 19.88 | 0.12 | 20.00 | / | Pass |
| | | 25 | 0 | 19.71 | 0.12 | 19.83 | / | Pass |
| | 3697.5 | 1 | 0 | 20.99 | 0.12 | 21.11 | / | Pass |
| | | | 13 | 21.02 | 0.12 | 21.14 | / | Pass |
| | | | 24 | 21.10 | 0.12 | 21.22 | / | Pass |
| | | 12 | 0 | 20.15 | 0.12 | 20.27 | / | Pass |
| | | | 6 | 20.10 | 0.12 | 20.22 | / | Pass |
| | | | 13 | 20.09 | 0.12 | 20.21 | / | Pass |
| | | 25 | 0 | 20.14 | 0.12 | 20.26 | / | Pass |
| 64QAM | 3552.5 | 1 | 0 | 19.84 | 0.12 | 19.96 | / | Pass |
| | | | 13 | 19.96 | 0.12 | 20.08 | / | Pass |
| | | | 24 | 19.86 | 0.12 | 19.98 | / | Pass |
| | | 12 | 0 | 19.13 | 0.12 | 19.25 | / | Pass |
| | | | 6 | 19.10 | 0.12 | 19.22 | / | Pass |
| | | | 13 | 18.99 | 0.12 | 19.11 | / | Pass |
| | | 25 | 0 | 19.07 | 0.12 | 19.19 | / | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 3625 | 1 | 0 | 20.55 | 0.12 | 20.67 | / | Pass |
| | | | 13 | 20.93 | 0.12 | 21.05 | / | Pass |
| | | | 24 | 20.76 | 0.12 | 20.88 | / | Pass |
| | | 12 | 0 | 19.66 | 0.12 | 19.78 | / | Pass |
| | | | 6 | 19.86 | 0.12 | 19.98 | / | Pass |
| | | | 13 | 19.78 | 0.12 | 19.90 | / | Pass |
| | | 25 | 0 | 19.82 | 0.12 | 19.94 | / | Pass |
| | 3697.5 | 1 | 0 | 20.76 | 0.12 | 20.88 | / | Pass |
| | | | 13 | 20.92 | 0.12 | 21.04 | / | Pass |
| | | | 24 | 20.93 | 0.12 | 21.05 | / | Pass |
| | | 12 | 0 | 20.15 | 0.12 | 20.27 | / | Pass |
| | | | 6 | 20.14 | 0.12 | 20.26 | / | Pass |
| | | | 13 | 20.17 | 0.12 | 20.29 | / | Pass |
| | | 25 | 0 | 20.13 | 0.12 | 20.25 | / | Pass |
| 256QAM | 3552.5 | 1 | 0 | 17.96 | 0.12 | 18.08 | / | Pass |
| | | | 13 | 17.94 | 0.12 | 18.06 | / | Pass |
| | | | 24 | 17.85 | 0.12 | 17.97 | / | Pass |
| | | 12 | 0 | 18.10 | 0.12 | 18.22 | / | Pass |
| | | | 6 | 18.12 | 0.12 | 18.24 | / | Pass |
| | | | 13 | 18.06 | 0.12 | 18.18 | / | Pass |
| | | 25 | 0 | 18.08 | 0.12 | 18.20 | / | Pass |
| | 3625 | 1 | 0 | 18.43 | 0.12 | 18.55 | / | Pass |
| | | | 13 | 18.76 | 0.12 | 18.88 | / | Pass |
| | | | 24 | 18.65 | 0.12 | 18.77 | / | Pass |
| | | 12 | 0 | 18.70 | 0.12 | 18.82 | / | Pass |
| | | | 6 | 18.88 | 0.12 | 19.00 | / | Pass |
| | | | 13 | 18.92 | 0.12 | 19.04 | / | Pass |
| | | 25 | 0 | 18.63 | 0.12 | 18.75 | / | Pass |
| | 3697.5 | 1 | 0 | 19.10 | 0.12 | 19.22 | / | Pass |
| | | | 13 | 18.98 | 0.12 | 19.10 | / | Pass |
| | | | 24 | 18.93 | 0.12 | 19.05 | / | Pass |
| | | 12 | 0 | 19.17 | 0.12 | 19.29 | / | Pass |
| | | | 6 | 19.18 | 0.12 | 19.30 | / | Pass |
| | | | 13 | 19.12 | 0.12 | 19.24 | / | Pass |
| | | 25 | 0 | 19.15 | 0.12 | 19.27 | / | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.2 B48_5MHz_EIRP/10MHz

| Band: 48 / Bandwidth: 5MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3552.5 | 1 | 0 | 19.51 | 0.12 | 19.63 | <=23 | Pass |
| | | | 13 | 19.56 | 0.12 | 19.68 | <=23 | Pass |
| | | | 24 | 19.54 | 0.12 | 19.66 | <=23 | Pass |
| | | 12 | 0 | 20.62 | 0.12 | 20.74 | <=23 | Pass |
| | | | 6 | 20.71 | 0.12 | 20.83 | <=23 | Pass |
| | | | 13 | 20.61 | 0.12 | 20.73 | <=23 | Pass |
| | | 25 | 0 | 20.62 | 0.12 | 20.74 | <=23 | Pass |
| | 3625 | 1 | 0 | 19.92 | 0.12 | 20.04 | <=23 | Pass |
| | | | 13 | 20.01 | 0.12 | 20.13 | <=23 | Pass |
| | | | 24 | 20.13 | 0.12 | 20.25 | <=23 | Pass |
| | | 12 | 0 | 21.03 | 0.12 | 21.15 | <=23 | Pass |
| | | | 6 | 21.15 | 0.12 | 21.27 | <=23 | Pass |
| | | | 13 | 21.14 | 0.12 | 21.26 | <=23 | Pass |
| | | 25 | 0 | 21.04 | 0.12 | 21.16 | <=23 | Pass |
| | 3697.5 | 1 | 0 | 19.96 | 0.12 | 20.08 | <=23 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 13 | 20.19 | 0.12 | 20.31 | <=23 | Pass |
| | | | 24 | 20.23 | 0.12 | 20.35 | <=23 | Pass |
| | | 12 | 0 | 21.22 | 0.12 | 21.34 | <=23 | Pass |
| | | | 6 | 21.35 | 0.12 | 21.47 | <=23 | Pass |
| | | | 13 | 21.33 | 0.12 | 21.45 | <=23 | Pass |
| | | 25 | 0 | 21.25 | 0.12 | 21.37 | <=23 | Pass |
| 16QAM | 3552.5 | 1 | 0 | 20.66 | 0.12 | 20.78 | <=23 | Pass |
| | | | 13 | 20.67 | 0.12 | 20.79 | <=23 | Pass |
| | | | 24 | 20.63 | 0.12 | 20.75 | <=23 | Pass |
| | | 12 | 0 | 19.73 | 0.12 | 19.85 | <=23 | Pass |
| | | | 6 | 19.68 | 0.12 | 19.80 | <=23 | Pass |
| | | | 13 | 19.65 | 0.12 | 19.77 | <=23 | Pass |
| | | 25 | 0 | 19.67 | 0.12 | 19.79 | <=23 | Pass |
| | 3625 | 1 | 0 | 20.94 | 0.12 | 21.06 | <=23 | Pass |
| | | | 13 | 21.06 | 0.12 | 21.18 | <=23 | Pass |
| | | | 24 | 21.18 | 0.12 | 21.30 | <=23 | Pass |
| | | 12 | 0 | 20.01 | 0.12 | 20.13 | <=23 | Pass |
| | | | 6 | 20.18 | 0.12 | 20.30 | <=23 | Pass |
| | | | 13 | 20.17 | 0.12 | 20.29 | <=23 | Pass |
| | | 25 | 0 | 20.06 | 0.12 | 20.18 | <=23 | Pass |
| | 3697.5 | 1 | 0 | 21.11 | 0.12 | 21.23 | <=23 | Pass |
| | | | 13 | 21.17 | 0.12 | 21.29 | <=23 | Pass |
| | | | 24 | 21.37 | 0.12 | 21.49 | <=23 | Pass |
| | | 12 | 0 | 20.18 | 0.12 | 20.30 | <=23 | Pass |
| | | | 6 | 20.32 | 0.12 | 20.44 | <=23 | Pass |
| | | | 13 | 20.31 | 0.12 | 20.43 | <=23 | Pass |
| | | 25 | 0 | 20.25 | 0.12 | 20.37 | <=23 | Pass |
| 64QAM | 3552.5 | 1 | 0 | 20.48 | 0.12 | 20.60 | <=23 | Pass |
| | | | 13 | 20.55 | 0.12 | 20.67 | <=23 | Pass |
| | | | 24 | 20.57 | 0.12 | 20.69 | <=23 | Pass |
| | | 12 | 0 | 19.68 | 0.12 | 19.80 | <=23 | Pass |
| | | | 6 | 19.74 | 0.12 | 19.86 | <=23 | Pass |
| | | | 13 | 19.66 | 0.12 | 19.78 | <=23 | Pass |
| | | 25 | 0 | 19.67 | 0.12 | 19.79 | <=23 | Pass |
| | 3625 | 1 | 0 | 21.07 | 0.12 | 21.19 | <=23 | Pass |
| | | | 13 | 21.06 | 0.12 | 21.18 | <=23 | Pass |
| | | | 24 | 21.29 | 0.12 | 21.41 | <=23 | Pass |
| | | 12 | 0 | 20.05 | 0.12 | 20.17 | <=23 | Pass |
| | | | 6 | 20.26 | 0.12 | 20.38 | <=23 | Pass |
| | | | 13 | 20.21 | 0.12 | 20.33 | <=23 | Pass |
| | | 25 | 0 | 20.06 | 0.12 | 20.18 | <=23 | Pass |
| | 3697.5 | 1 | 0 | 21.05 | 0.12 | 21.17 | <=23 | Pass |
| | | | 13 | 21.11 | 0.12 | 21.23 | <=23 | Pass |
| | | | 24 | 21.18 | 0.12 | 21.30 | <=23 | Pass |
| | | 12 | 0 | 20.24 | 0.12 | 20.36 | <=23 | Pass |
| | | | 6 | 20.34 | 0.12 | 20.46 | <=23 | Pass |
| | | | 13 | 20.32 | 0.12 | 20.44 | <=23 | Pass |
| | | 25 | 0 | 20.24 | 0.12 | 20.36 | <=23 | Pass |
| 256QAM | 3552.5 | 1 | 0 | 18.57 | 0.12 | 18.69 | <=23 | Pass |
| | | | 13 | 18.61 | 0.12 | 18.73 | <=23 | Pass |
| | | | 24 | 18.43 | 0.12 | 18.55 | <=23 | Pass |
| | | 12 | 0 | 18.68 | 0.12 | 18.80 | <=23 | Pass |
| | | | 6 | 18.69 | 0.12 | 18.81 | <=23 | Pass |
| | | | 13 | 18.66 | 0.12 | 18.78 | <=23 | Pass |
| | | 25 | 0 | 18.65 | 0.12 | 18.77 | <=23 | Pass |
| | 3625 | 1 | 0 | 18.83 | 0.12 | 18.95 | <=23 | Pass |
| | | | 13 | 19.20 | 0.12 | 19.32 | <=23 | Pass |
| | | | 24 | 19.23 | 0.12 | 19.35 | <=23 | Pass |
| | | 12 | 0 | 19.11 | 0.12 | 19.23 | <=23 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 6 | 19.27 | 0.12 | 19.39 | <=23 | Pass |
| | | | 13 | 19.19 | 0.12 | 19.31 | <=23 | Pass |
| | | 25 | 0 | 19.14 | 0.12 | 19.26 | <=23 | Pass |
| | 3697.5 | 1 | 0 | 19.10 | 0.12 | 19.22 | <=23 | Pass |
| | | | 13 | 19.27 | 0.12 | 19.39 | <=23 | Pass |
| | | | 24 | 19.33 | 0.12 | 19.45 | <=23 | Pass |
| | | 12 | 0 | 19.24 | 0.12 | 19.36 | <=23 | Pass |
| | | | 6 | 19.34 | 0.12 | 19.46 | <=23 | Pass |
| | | | 13 | 19.30 | 0.12 | 19.42 | <=23 | Pass |
| | | 25 | 0 | 19.31 | 0.12 | 19.43 | <=23 | Pass |
| Note1: EIRP/10MHz=Conducted Power+Antenna Gain | | | | | | | | |

### 1.1.3 B48_10MHz_EIRP

| Band: 48 / Bandwidth: 10MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3555 | 1 | 0 | 19.02 | 0.12 | 19.14 | / | Pass |
| | | | 25 | 18.84 | 0.12 | 18.96 | / | Pass |
| | | | 49 | 19.00 | 0.12 | 19.12 | / | Pass |
| | | 25 | 0 | 19.95 | 0.12 | 20.07 | / | Pass |
| | | | 13 | 19.97 | 0.12 | 20.09 | / | Pass |
| | | | 25 | 19.90 | 0.12 | 20.02 | / | Pass |
| | | 50 | 0 | 19.92 | 0.12 | 20.04 | / | Pass |
| | 3625 | 1 | 0 | 19.41 | 0.12 | 19.53 | / | Pass |
| | | | 25 | 19.49 | 0.12 | 19.61 | / | Pass |
| | | | 49 | 19.63 | 0.12 | 19.75 | / | Pass |
| | | 25 | 0 | 20.59 | 0.12 | 20.71 | / | Pass |
| | | | 13 | 20.65 | 0.12 | 20.77 | / | Pass |
| | | | 25 | 20.50 | 0.12 | 20.62 | / | Pass |
| | | 50 | 0 | 20.64 | 0.12 | 20.76 | / | Pass |
| | 3695 | 1 | 0 | 19.67 | 0.12 | 19.79 | / | Pass |
| | | | 25 | 19.75 | 0.12 | 19.87 | / | Pass |
| | | | 49 | 19.79 | 0.12 | 19.91 | / | Pass |
| | | 25 | 0 | 20.94 | 0.12 | 21.06 | / | Pass |
| | | | 13 | 21.04 | 0.12 | 21.16 | / | Pass |
| | | | 25 | 21.05 | 0.12 | 21.17 | / | Pass |
| | | 50 | 0 | 20.95 | 0.12 | 21.07 | / | Pass |
| 16QAM | 3555 | 1 | 0 | 19.99 | 0.12 | 20.11 | / | Pass |
| | | | 25 | 19.94 | 0.12 | 20.06 | / | Pass |
| | | | 49 | 19.92 | 0.12 | 20.04 | / | Pass |
| | | 25 | 0 | 18.94 | 0.12 | 19.06 | / | Pass |
| | | | 13 | 19.20 | 0.12 | 19.32 | / | Pass |
| | | | 25 | 19.16 | 0.12 | 19.28 | / | Pass |
| | | 50 | 0 | 19.16 | 0.12 | 19.28 | / | Pass |
| | 3625 | 1 | 0 | 20.54 | 0.12 | 20.66 | / | Pass |
| | | | 25 | 20.89 | 0.12 | 21.01 | / | Pass |
| | | | 49 | 20.73 | 0.12 | 20.85 | / | Pass |
| | | 25 | 0 | 19.60 | 0.12 | 19.72 | / | Pass |
| | | | 13 | 19.62 | 0.12 | 19.74 | / | Pass |
| | | | 25 | 19.71 | 0.12 | 19.83 | / | Pass |
| | | 50 | 0 | 19.59 | 0.12 | 19.71 | / | Pass |
| | 3695 | 1 | 0 | 20.88 | 0.12 | 21.00 | / | Pass |
| | | | 25 | 21.04 | 0.12 | 21.16 | / | Pass |
| | | | 49 | 21.12 | 0.12 | 21.24 | / | Pass |
| | | 25 | 0 | 19.89 | 0.12 | 20.01 | / | Pass |
| | | | 13 | 20.09 | 0.12 | 20.21 | / | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 25 | 19.99 | 0.12 | 20.11 | / | Pass |
| | | 50 | 0 | 19.99 | 0.12 | 20.11 | / | Pass |
| 64QAM | 3555 | 1 | 0 | 20.09 | 0.12 | 20.21 | / | Pass |
| | | | 25 | 20.10 | 0.12 | 20.22 | / | Pass |
| | | | 49 | 19.66 | 0.12 | 19.78 | / | Pass |
| | | 25 | 0 | 18.94 | 0.12 | 19.06 | / | Pass |
| | | | 13 | 18.99 | 0.12 | 19.11 | / | Pass |
| | | | 25 | 19.01 | 0.12 | 19.13 | / | Pass |
| | | 50 | 0 | 18.96 | 0.12 | 19.08 | / | Pass |
| | 3625 | 1 | 0 | 19.46 | 0.12 | 19.58 | / | Pass |
| | | | 25 | 19.60 | 0.12 | 19.72 | / | Pass |
| | | | 49 | 19.44 | 0.12 | 19.56 | / | Pass |
| | | 25 | 0 | 18.67 | 0.12 | 18.79 | / | Pass |
| | | | 13 | 18.72 | 0.12 | 18.84 | / | Pass |
| | | | 25 | 18.68 | 0.12 | 18.80 | / | Pass |
| | | 50 | 0 | 18.73 | 0.12 | 18.85 | / | Pass |
| | 3695 | 1 | 0 | 19.67 | 0.12 | 19.79 | / | Pass |
| | | | 25 | 19.96 | 0.12 | 20.08 | / | Pass |
| | | | 49 | 19.94 | 0.12 | 20.06 | / | Pass |
| | | 25 | 0 | 18.92 | 0.12 | 19.04 | / | Pass |
| | | | 13 | 19.06 | 0.12 | 19.18 | / | Pass |
| | | | 25 | 19.08 | 0.12 | 19.20 | / | Pass |
| | | 50 | 0 | 18.99 | 0.12 | 19.11 | / | Pass |
| 256QAM | 3555 | 1 | 0 | 18.07 | 0.12 | 18.19 | / | Pass |
| | | | 25 | 17.98 | 0.12 | 18.10 | / | Pass |
| | | | 49 | 17.78 | 0.12 | 17.90 | / | Pass |
| | | 25 | 0 | 18.14 | 0.12 | 18.26 | / | Pass |
| | | | 13 | 17.97 | 0.12 | 18.09 | / | Pass |
| | | | 25 | 18.02 | 0.12 | 18.14 | / | Pass |
| | | 50 | 0 | 18.02 | 0.12 | 18.14 | / | Pass |
| | 3625 | 1 | 0 | 18.47 | 0.12 | 18.59 | / | Pass |
| | | | 25 | 18.83 | 0.12 | 18.95 | / | Pass |
| | | | 49 | 18.66 | 0.12 | 18.78 | / | Pass |
| | | 25 | 0 | 18.53 | 0.12 | 18.65 | / | Pass |
| | | | 13 | 18.68 | 0.12 | 18.80 | / | Pass |
| | | | 25 | 18.71 | 0.12 | 18.83 | / | Pass |
| | | 50 | 0 | 18.47 | 0.12 | 18.59 | / | Pass |
| | 3695 | 1 | 0 | 18.92 | 0.12 | 19.04 | / | Pass |
| | | | 25 | 18.87 | 0.12 | 18.99 | / | Pass |
| | | | 49 | 18.81 | 0.12 | 18.93 | / | Pass |
| | | 25 | 0 | 18.93 | 0.12 | 19.05 | / | Pass |
| | | | 13 | 19.09 | 0.12 | 19.21 | / | Pass |
| | | | 25 | 19.10 | 0.12 | 19.22 | / | Pass |
| | | 50 | 0 | 19.07 | 0.12 | 19.19 | / | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.4 B48_10MHz_EIRP/10MHz

| Band: 48 / Bandwidth: 10MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3555 | 1 | 0 | 19.69 | 0.12 | 19.81 | <=23 | Pass |
| | | | 25 | 19.56 | 0.12 | 19.68 | <=23 | Pass |
| | | | 49 | 19.56 | 0.12 | 19.68 | <=23 | Pass |
| | | 25 | 0 | 20.59 | 0.12 | 20.71 | <=23 | Pass |
| | | | 13 | 20.67 | 0.12 | 20.79 | <=23 | Pass |
| | | | 25 | 20.66 | 0.12 | 20.78 | <=23 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 50 | 0 | 20.63 | 0.12 | 20.75 | <=23 | Pass |
| | 3625 | 1 | 0 | 20.22 | 0.12 | 20.34 | <=23 | Pass |
| | | | 25 | 20.43 | 0.12 | 20.55 | <=23 | Pass |
| | | | 49 | 20.49 | 0.12 | 20.61 | <=23 | Pass |
| | | 25 | 0 | 21.36 | 0.12 | 21.48 | <=23 | Pass |
| | | | 13 | 21.44 | 0.12 | 21.56 | <=23 | Pass |
| | | | 25 | 21.56 | 0.12 | 21.68 | <=23 | Pass |
| | | 50 | 0 | 21.42 | 0.12 | 21.54 | <=23 | Pass |
| | 3695 | 1 | 0 | 20.13 | 0.12 | 20.25 | <=23 | Pass |
| | | | 25 | 20.15 | 0.12 | 20.27 | <=23 | Pass |
| | | | 49 | 20.31 | 0.12 | 20.43 | <=23 | Pass |
| | | 25 | 0 | 21.17 | 0.12 | 21.29 | <=23 | Pass |
| | | | 13 | 21.34 | 0.12 | 21.46 | <=23 | Pass |
| | | | 25 | 21.40 | 0.12 | 21.52 | <=23 | Pass |
| | | 50 | 0 | 21.26 | 0.12 | 21.38 | <=23 | Pass |
| 16QAM | 3555 | 1 | 0 | 20.60 | 0.12 | 20.72 | <=23 | Pass |
| | | | 25 | 20.67 | 0.12 | 20.79 | <=23 | Pass |
| | | | 49 | 20.68 | 0.12 | 20.80 | <=23 | Pass |
| | | 25 | 0 | 19.68 | 0.12 | 19.80 | <=23 | Pass |
| | | | 13 | 19.78 | 0.12 | 19.90 | <=23 | Pass |
| | | | 25 | 19.76 | 0.12 | 19.88 | <=23 | Pass |
| | | 50 | 0 | 19.73 | 0.12 | 19.85 | <=23 | Pass |
| | 3625 | 1 | 0 | 21.19 | 0.12 | 21.31 | <=23 | Pass |
| | | | 25 | 21.58 | 0.12 | 21.70 | <=23 | Pass |
| | | | 49 | 21.63 | 0.12 | 21.75 | <=23 | Pass |
| | | 25 | 0 | 20.35 | 0.12 | 20.47 | <=23 | Pass |
| | | | 13 | 20.46 | 0.12 | 20.58 | <=23 | Pass |
| | | | 25 | 20.64 | 0.12 | 20.76 | <=23 | Pass |
| | | 50 | 0 | 20.42 | 0.12 | 20.54 | <=23 | Pass |
| | 3695 | 1 | 0 | 21.35 | 0.12 | 21.47 | <=23 | Pass |
| | | | 25 | 21.33 | 0.12 | 21.45 | <=23 | Pass |
| | | | 49 | 21.56 | 0.12 | 21.68 | <=23 | Pass |
| | | 25 | 0 | 20.22 | 0.12 | 20.34 | <=23 | Pass |
| | | | 13 | 20.36 | 0.12 | 20.48 | <=23 | Pass |
| | | | 25 | 20.39 | 0.12 | 20.51 | <=23 | Pass |
| | | 50 | 0 | 20.26 | 0.12 | 20.38 | <=23 | Pass |
| 64QAM | 3555 | 1 | 0 | 20.61 | 0.12 | 20.73 | <=23 | Pass |
| | | | 25 | 20.73 | 0.12 | 20.85 | <=23 | Pass |
| | | | 49 | 20.54 | 0.12 | 20.66 | <=23 | Pass |
| | | 25 | 0 | 19.68 | 0.12 | 19.80 | <=23 | Pass |
| | | | 13 | 19.72 | 0.12 | 19.84 | <=23 | Pass |
| | | | 25 | 19.72 | 0.12 | 19.84 | <=23 | Pass |
| | | 50 | 0 | 19.66 | 0.12 | 19.78 | <=23 | Pass |
| | 3625 | 1 | 0 | 20.25 | 0.12 | 20.37 | <=23 | Pass |
| | | | 25 | 20.53 | 0.12 | 20.65 | <=23 | Pass |
| | | | 49 | 20.58 | 0.12 | 20.70 | <=23 | Pass |
| | | 25 | 0 | 19.40 | 0.12 | 19.52 | <=23 | Pass |
| | | | 13 | 19.56 | 0.12 | 19.68 | <=23 | Pass |
| | | | 25 | 19.67 | 0.12 | 19.79 | <=23 | Pass |
| | | 50 | 0 | 19.51 | 0.12 | 19.63 | <=23 | Pass |
| | 3695 | 1 | 0 | 20.21 | 0.12 | 20.33 | <=23 | Pass |
| | | | 25 | 20.35 | 0.12 | 20.47 | <=23 | Pass |
| | | | 49 | 20.47 | 0.12 | 20.59 | <=23 | Pass |
| | | 25 | 0 | 19.27 | 0.12 | 19.39 | <=23 | Pass |
| | | | 13 | 19.40 | 0.12 | 19.52 | <=23 | Pass |
| | | | 25 | 19.43 | 0.12 | 19.55 | <=23 | Pass |
| | | 50 | 0 | 19.30 | 0.12 | 19.42 | <=23 | Pass |
| 256QAM | 3555 | 1 | 0 | 18.60 | 0.12 | 18.72 | <=23 | Pass |
| | | | 25 | 18.74 | 0.12 | 18.86 | <=23 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 49 | 18.54 | 0.12 | 18.66 | <=23 | Pass |
| | | 25 | 0 | 18.73 | 0.12 | 18.85 | <=23 | Pass |
| | | | 13 | 18.72 | 0.12 | 18.84 | <=23 | Pass |
| | | | 25 | 18.71 | 0.12 | 18.83 | <=23 | Pass |
| | | 50 | 0 | 18.72 | 0.12 | 18.84 | <=23 | Pass |
| | 3625 | 1 | 0 | 19.31 | 0.12 | 19.43 | <=23 | Pass |
| | | | 25 | 19.56 | 0.12 | 19.68 | <=23 | Pass |
| | | | 49 | 19.54 | 0.12 | 19.66 | <=23 | Pass |
| | | 25 | 0 | 19.42 | 0.12 | 19.54 | <=23 | Pass |
| | | | 13 | 19.53 | 0.12 | 19.65 | <=23 | Pass |
| | | | 25 | 19.70 | 0.12 | 19.82 | <=23 | Pass |
| | | 50 | 0 | 19.49 | 0.12 | 19.61 | <=23 | Pass |
| | 3695 | 1 | 0 | 19.10 | 0.12 | 19.22 | <=23 | Pass |
| | | | 25 | 19.46 | 0.12 | 19.58 | <=23 | Pass |
| | | | 49 | 19.36 | 0.12 | 19.48 | <=23 | Pass |
| | | 25 | 0 | 19.25 | 0.12 | 19.37 | <=23 | Pass |
| | | | 13 | 19.39 | 0.12 | 19.51 | <=23 | Pass |
| | | | 25 | 19.42 | 0.12 | 19.54 | <=23 | Pass |
| | | 50 | 0 | 19.31 | 0.12 | 19.43 | <=23 | Pass |
| Note1: EIRP/10MHz=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.5 B48_15MHz_EIRP

| Band: 48 / Bandwidth: 15MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3557.5 | 1 | 0 | 16.74 | 0.12 | 16.86 | / | Pass |
| | | | 38 | 18.81 | 0.12 | 18.93 | / | Pass |
| | | | 74 | 16.80 | 0.12 | 16.92 | / | Pass |
| | | 36 | 0 | 19.94 | 0.12 | 20.06 | / | Pass |
| | | | 18 | 19.98 | 0.12 | 20.10 | / | Pass |
| | | | 39 | 19.82 | 0.12 | 19.94 | / | Pass |
| | | 75 | 0 | 19.88 | 0.12 | 20.00 | / | Pass |
| | 3625 | 1 | 0 | 17.43 | 0.12 | 17.55 | / | Pass |
| | | | 38 | 19.55 | 0.12 | 19.67 | / | Pass |
| | | | 74 | 17.58 | 0.12 | 17.70 | / | Pass |
| | | 36 | 0 | 20.58 | 0.12 | 20.70 | / | Pass |
| | | | 18 | 20.65 | 0.12 | 20.77 | / | Pass |
| | | | 39 | 20.72 | 0.12 | 20.84 | / | Pass |
| | | 75 | 0 | 20.64 | 0.12 | 20.76 | / | Pass |
| | 3692.5 | 1 | 0 | 17.73 | 0.12 | 17.85 | / | Pass |
| | | | 38 | 19.80 | 0.12 | 19.92 | / | Pass |
| | | | 74 | 17.87 | 0.12 | 17.99 | / | Pass |
| | | 36 | 0 | 20.93 | 0.12 | 21.05 | / | Pass |
| | | | 18 | 20.98 | 0.12 | 21.10 | / | Pass |
| | | | 39 | 21.00 | 0.12 | 21.12 | / | Pass |
| | | 75 | 0 | 20.94 | 0.12 | 21.06 | / | Pass |
| 16QAM | 3557.5 | 1 | 0 | 17.80 | 0.12 | 17.92 | / | Pass |
| | | | 38 | 19.92 | 0.12 | 20.04 | / | Pass |
| | | | 74 | 17.81 | 0.12 | 17.93 | / | Pass |
| | | 36 | 0 | 18.98 | 0.12 | 19.10 | / | Pass |
| | | | 18 | 18.98 | 0.12 | 19.10 | / | Pass |
| | | | 39 | 18.99 | 0.12 | 19.11 | / | Pass |
| | | 75 | 0 | 18.96 | 0.12 | 19.08 | / | Pass |
| | 3625 | 1 | 0 | 18.45 | 0.12 | 18.57 | / | Pass |
| | | | 38 | 20.59 | 0.12 | 20.71 | / | Pass |
| | | | 74 | 18.70 | 0.12 | 18.82 | / | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 36 | 0 | 19.57 | 0.12 | 19.69 | / | Pass |
| | | | 18 | 19.49 | 0.12 | 19.61 | / | Pass |
| | | | 39 | 19.64 | 0.12 | 19.76 | / | Pass |
| | | 75 | 0 | 19.49 | 0.12 | 19.61 | / | Pass |
| | 3692.5 | 1 | 0 | 18.88 | 0.12 | 19.00 | / | Pass |
| | | | 38 | 20.96 | 0.12 | 21.08 | / | Pass |
| | | | 74 | 19.14 | 0.12 | 19.26 | / | Pass |
| | | 36 | 0 | 19.99 | 0.12 | 20.11 | / | Pass |
| | | | 18 | 19.96 | 0.12 | 20.08 | / | Pass |
| | | | 39 | 19.99 | 0.12 | 20.11 | / | Pass |
| | | 75 | 0 | 19.97 | 0.12 | 20.09 | / | Pass |
| 64QAM | 3557.5 | 1 | 0 | 16.77 | 0.12 | 16.89 | / | Pass |
| | | | 38 | 18.89 | 0.12 | 19.01 | / | Pass |
| | | | 74 | 16.79 | 0.12 | 16.91 | / | Pass |
| | | 36 | 0 | 18.00 | 0.12 | 18.12 | / | Pass |
| | | | 18 | 17.99 | 0.12 | 18.11 | / | Pass |
| | | | 39 | 18.01 | 0.12 | 18.13 | / | Pass |
| | | 75 | 0 | 17.94 | 0.12 | 18.06 | / | Pass |
| | 3625 | 1 | 0 | 17.59 | 0.12 | 17.71 | / | Pass |
| | | | 38 | 19.62 | 0.12 | 19.74 | / | Pass |
| | | | 74 | 17.54 | 0.12 | 17.66 | / | Pass |
| | | 36 | 0 | 18.63 | 0.12 | 18.75 | / | Pass |
| | | | 18 | 18.61 | 0.12 | 18.73 | / | Pass |
| | | | 39 | 18.78 | 0.12 | 18.90 | / | Pass |
| | | 75 | 0 | 18.50 | 0.12 | 18.62 | / | Pass |
| | 3692.5 | 1 | 0 | 17.82 | 0.12 | 17.94 | / | Pass |
| | | | 38 | 20.05 | 0.12 | 20.17 | / | Pass |
| | | | 74 | 17.79 | 0.12 | 17.91 | / | Pass |
| | | 36 | 0 | 19.02 | 0.12 | 19.14 | / | Pass |
| | | | 18 | 18.99 | 0.12 | 19.11 | / | Pass |
| | | | 39 | 19.04 | 0.12 | 19.16 | / | Pass |
| | | 75 | 0 | 19.05 | 0.12 | 19.17 | / | Pass |
| 256QAM | 3557.5 | 1 | 0 | 13.72 | 0.12 | 13.84 | / | Pass |
| | | | 38 | 17.88 | 0.12 | 18.00 | / | Pass |
| | | | 74 | 13.98 | 0.12 | 14.10 | / | Pass |
| | | 36 | 0 | 17.98 | 0.12 | 18.10 | / | Pass |
| | | | 18 | 17.99 | 0.12 | 18.11 | / | Pass |
| | | | 39 | 17.99 | 0.12 | 18.11 | / | Pass |
| | | 75 | 0 | 15.96 | 0.12 | 16.08 | / | Pass |
| | 3625 | 1 | 0 | 14.48 | 0.12 | 14.60 | / | Pass |
| | | | 38 | 18.58 | 0.12 | 18.70 | / | Pass |
| | | | 74 | 14.57 | 0.12 | 14.69 | / | Pass |
| | | 36 | 0 | 18.53 | 0.12 | 18.65 | / | Pass |
| | | | 18 | 18.50 | 0.12 | 18.62 | / | Pass |
| | | | 39 | 18.74 | 0.12 | 18.86 | / | Pass |
| | | 75 | 0 | 16.71 | 0.12 | 16.83 | / | Pass |
| | 3692.5 | 1 | 0 | 14.88 | 0.12 | 15.00 | / | Pass |
| | | | 38 | 18.96 | 0.12 | 19.08 | / | Pass |
| | | | 74 | 15.00 | 0.12 | 15.12 | / | Pass |
| | | 36 | 0 | 18.92 | 0.12 | 19.04 | / | Pass |
| | | | 18 | 18.96 | 0.12 | 19.08 | / | Pass |
| | | | 39 | 19.00 | 0.12 | 19.12 | / | Pass |
| | | 75 | 0 | 17.00 | 0.12 | 17.12 | / | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

### 1.1.6 B48_15MHz_EIRP/10MHz

| Band: 48 / Bandwidth: 15MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3557.5 | 1 | 0 | 17.53 | 0.12 | 17.65 | <=23 | Pass |
| | | | 38 | 19.52 | 0.12 | 19.64 | <=23 | Pass |
| | | | 74 | 17.46 | 0.12 | 17.58 | <=23 | Pass |
| | | 36 | 0 | 20.67 | 0.12 | 20.79 | <=23 | Pass |
| | | | 18 | 20.65 | 0.12 | 20.77 | <=23 | Pass |
| | | | 39 | 20.58 | 0.12 | 20.70 | <=23 | Pass |
| | | 75 | 0 | 19.35 | 0.12 | 19.47 | <=23 | Pass |
| | 3625 | 1 | 0 | 18.24 | 0.12 | 18.36 | <=23 | Pass |
| | | | 38 | 20.38 | 0.12 | 20.50 | <=23 | Pass |
| | | | 74 | 18.49 | 0.12 | 18.61 | <=23 | Pass |
| | | 36 | 0 | 21.34 | 0.12 | 21.46 | <=23 | Pass |
| | | | 18 | 21.45 | 0.12 | 21.57 | <=23 | Pass |
| | | | 39 | 21.58 | 0.12 | 21.70 | <=23 | Pass |
| | | 75 | 0 | 20.15 | 0.12 | 20.27 | <=23 | Pass |
| | 3692.5 | 1 | 0 | 18.20 | 0.12 | 18.32 | <=23 | Pass |
| | | | 38 | 20.22 | 0.12 | 20.34 | <=23 | Pass |
| | | | 74 | 18.29 | 0.12 | 18.41 | <=23 | Pass |
| | | 36 | 0 | 21.32 | 0.12 | 21.44 | <=23 | Pass |
| | | | 18 | 21.28 | 0.12 | 21.40 | <=23 | Pass |
| | | | 39 | 21.35 | 0.12 | 21.47 | <=23 | Pass |
| | | 75 | 0 | 19.97 | 0.12 | 20.09 | <=23 | Pass |
| 16QAM | 3557.5 | 1 | 0 | 18.59 | 0.12 | 18.71 | <=23 | Pass |
| | | | 38 | 20.58 | 0.12 | 20.70 | <=23 | Pass |
| | | | 74 | 18.37 | 0.12 | 18.49 | <=23 | Pass |
| | | 36 | 0 | 19.70 | 0.12 | 19.82 | <=23 | Pass |
| | | | 18 | 19.71 | 0.12 | 19.83 | <=23 | Pass |
| | | | 39 | 19.61 | 0.12 | 19.73 | <=23 | Pass |
| | | 75 | 0 | 18.36 | 0.12 | 18.48 | <=23 | Pass |
| | 3625 | 1 | 0 | 19.28 | 0.12 | 19.40 | <=23 | Pass |
| | | | 38 | 21.62 | 0.12 | 21.74 | <=23 | Pass |
| | | | 74 | 19.69 | 0.12 | 19.81 | <=23 | Pass |
| | | 36 | 0 | 20.37 | 0.12 | 20.49 | <=23 | Pass |
| | | | 18 | 20.43 | 0.12 | 20.55 | <=23 | Pass |
| | | | 39 | 20.55 | 0.12 | 20.67 | <=23 | Pass |
| | | 75 | 0 | 19.16 | 0.12 | 19.28 | <=23 | Pass |
| | 3692.5 | 1 | 0 | 19.30 | 0.12 | 19.42 | <=23 | Pass |
| | | | 38 | 21.22 | 0.12 | 21.34 | <=23 | Pass |
| | | | 74 | 19.31 | 0.12 | 19.43 | <=23 | Pass |
| | | 36 | 0 | 20.27 | 0.12 | 20.39 | <=23 | Pass |
| | | | 18 | 20.27 | 0.12 | 20.39 | <=23 | Pass |
| | | | 39 | 20.32 | 0.12 | 20.44 | <=23 | Pass |
| | | 75 | 0 | 18.96 | 0.12 | 19.08 | <=23 | Pass |
| 64QAM | 3557.5 | 1 | 0 | 17.61 | 0.12 | 17.73 | <=23 | Pass |
| | | | 38 | 19.64 | 0.12 | 19.76 | <=23 | Pass |
| | | | 74 | 17.52 | 0.12 | 17.64 | <=23 | Pass |
| | | 36 | 0 | 18.72 | 0.12 | 18.84 | <=23 | Pass |
| | | | 18 | 18.71 | 0.12 | 18.83 | <=23 | Pass |
| | | | 39 | 18.66 | 0.12 | 18.78 | <=23 | Pass |
| | | 75 | 0 | 17.35 | 0.12 | 17.47 | <=23 | Pass |
| | 3625 | 1 | 0 | 18.32 | 0.12 | 18.44 | <=23 | Pass |
| | | | 38 | 20.64 | 0.12 | 20.76 | <=23 | Pass |
| | | | 74 | 18.60 | 0.12 | 18.72 | <=23 | Pass |
| | | 36 | 0 | 19.42 | 0.12 | 19.54 | <=23 | Pass |
| | | | 18 | 19.53 | 0.12 | 19.65 | <=23 | Pass |
| | | | 39 | 19.60 | 0.12 | 19.72 | <=23 | Pass |
| | | 75 | 0 | 18.20 | 0.12 | 18.32 | <=23 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 3692.5 | 1 | 0 | 18.36 | 0.12 | 18.48 | <=23 | Pass |
| | | | 38 | 20.23 | 0.12 | 20.35 | <=23 | Pass |
| | | | 74 | 18.39 | 0.12 | 18.51 | <=23 | Pass |
| | | 36 | 0 | 19.33 | 0.12 | 19.45 | <=23 | Pass |
| | | | 18 | 19.33 | 0.12 | 19.45 | <=23 | Pass |
| | | | 39 | 19.34 | 0.12 | 19.46 | <=23 | Pass |
| | | 75 | 0 | 18.02 | 0.12 | 18.14 | <=23 | Pass |
| 256QAM | 3557.5 | 1 | 0 | 14.59 | 0.12 | 14.71 | <=23 | Pass |
| | | | 38 | 18.57 | 0.12 | 18.69 | <=23 | Pass |
| | | | 74 | 14.52 | 0.12 | 14.64 | <=23 | Pass |
| | | 36 | 0 | 18.70 | 0.12 | 18.82 | <=23 | Pass |
| | | | 18 | 18.73 | 0.12 | 18.85 | <=23 | Pass |
| | | | 39 | 18.64 | 0.12 | 18.76 | <=23 | Pass |
| | | 75 | 0 | 15.42 | 0.12 | 15.54 | <=23 | Pass |
| | 3625 | 1 | 0 | 15.30 | 0.12 | 15.42 | <=23 | Pass |
| | | | 38 | 19.67 | 0.12 | 19.79 | <=23 | Pass |
| | | | 74 | 15.81 | 0.12 | 15.93 | <=23 | Pass |
| | | 36 | 0 | 19.41 | 0.12 | 19.53 | <=23 | Pass |
| | | | 18 | 19.51 | 0.12 | 19.63 | <=23 | Pass |
| | | | 39 | 19.66 | 0.12 | 19.78 | <=23 | Pass |
| | | 75 | 0 | 16.21 | 0.12 | 16.33 | <=23 | Pass |
| | 3692.5 | 1 | 0 | 15.34 | 0.12 | 15.46 | <=23 | Pass |
| | | | 38 | 19.24 | 0.12 | 19.36 | <=23 | Pass |
| | | | 74 | 15.42 | 0.12 | 15.54 | <=23 | Pass |
| | | 36 | 0 | 19.34 | 0.12 | 19.46 | <=23 | Pass |
| | | | 18 | 19.33 | 0.12 | 19.45 | <=23 | Pass |
| | | | 39 | 19.37 | 0.12 | 19.49 | <=23 | Pass |
| | | 75 | 0 | 16.04 | 0.12 | 16.16 | <=23 | Pass |
| Note1: EIRP/10MHz=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.7 B48_20MHz_EIRP

| Band: 48 / Bandwidth: 20MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3560 | 1 | 0 | 16.93 | 0.12 | 17.05 | / | Pass |
| | | | 50 | 18.89 | 0.12 | 19.01 | / | Pass |
| | | | 99 | 17.04 | 0.12 | 17.16 | / | Pass |
| | | 50 | 0 | 20.09 | 0.12 | 20.21 | / | Pass |
| | | | 25 | 20.12 | 0.12 | 20.24 | / | Pass |
| | | | 50 | 20.14 | 0.12 | 20.26 | / | Pass |
| | | 100 | 0 | 19.09 | 0.12 | 19.21 | / | Pass |
| | 3625 | 1 | 0 | 17.49 | 0.12 | 17.61 | / | Pass |
| | | | 50 | 19.59 | 0.12 | 19.71 | / | Pass |
| | | | 99 | 17.68 | 0.12 | 17.80 | / | Pass |
| | | 50 | 0 | 20.62 | 0.12 | 20.74 | / | Pass |
| | | | 25 | 20.67 | 0.12 | 20.79 | / | Pass |
| | | | 50 | 20.79 | 0.12 | 20.91 | / | Pass |
| | | 100 | 0 | 19.64 | 0.12 | 19.76 | / | Pass |
| | 3690 | 1 | 0 | 17.81 | 0.12 | 17.93 | / | Pass |
| | | | 50 | 19.76 | 0.12 | 19.88 | / | Pass |
| | | | 99 | 17.89 | 0.12 | 18.01 | / | Pass |
| | | 50 | 0 | 20.96 | 0.12 | 21.08 | / | Pass |
| | | | 25 | 21.09 | 0.12 | 21.21 | / | Pass |
| | | | 50 | 21.06 | 0.12 | 21.18 | / | Pass |
| | | 100 | 0 | 20.01 | 0.12 | 20.13 | / | Pass |
| 16QAM | 3560 | 1 | 0 | 18.06 | 0.12 | 18.18 | / | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 50 | 19.95 | 0.12 | 20.07 | / | Pass |
| | | | 99 | 18.10 | 0.12 | 18.22 | / | Pass |
| | | 50 | 0 | 19.13 | 0.12 | 19.25 | / | Pass |
| | | | 25 | 19.18 | 0.12 | 19.30 | / | Pass |
| | | | 50 | 19.14 | 0.12 | 19.26 | / | Pass |
| | | 100 | 0 | 18.12 | 0.12 | 18.24 | / | Pass |
| | 3625 | 1 | 0 | 18.52 | 0.12 | 18.64 | / | Pass |
| | | | 50 | 20.62 | 0.12 | 20.74 | / | Pass |
| | | | 99 | 18.68 | 0.12 | 18.80 | / | Pass |
| | | 50 | 0 | 19.55 | 0.12 | 19.67 | / | Pass |
| | | | 25 | 19.70 | 0.12 | 19.82 | / | Pass |
| | | | 50 | 19.68 | 0.12 | 19.80 | / | Pass |
| | | 100 | 0 | 18.65 | 0.12 | 18.77 | / | Pass |
| | 3690 | 1 | 0 | 18.92 | 0.12 | 19.04 | / | Pass |
| | | | 50 | 20.95 | 0.12 | 21.07 | / | Pass |
| | | | 99 | 18.98 | 0.12 | 19.10 | / | Pass |
| | | 50 | 0 | 19.99 | 0.12 | 20.11 | / | Pass |
| | | | 25 | 20.09 | 0.12 | 20.21 | / | Pass |
| | | | 50 | 20.08 | 0.12 | 20.20 | / | Pass |
| | | 100 | 0 | 19.04 | 0.12 | 19.16 | / | Pass |
| 64QAM | 3560 | 1 | 0 | 17.05 | 0.12 | 17.17 | / | Pass |
| | | | 50 | 19.14 | 0.12 | 19.26 | / | Pass |
| | | | 99 | 17.12 | 0.12 | 17.24 | / | Pass |
| | | 50 | 0 | 18.13 | 0.12 | 18.25 | / | Pass |
| | | | 25 | 18.13 | 0.12 | 18.25 | / | Pass |
| | | | 50 | 18.16 | 0.12 | 18.28 | / | Pass |
| | | 100 | 0 | 17.13 | 0.12 | 17.25 | / | Pass |
| | 3625 | 1 | 0 | 17.48 | 0.12 | 17.60 | / | Pass |
| | | | 50 | 19.58 | 0.12 | 19.70 | / | Pass |
| | | | 99 | 17.62 | 0.12 | 17.74 | / | Pass |
| | | 50 | 0 | 18.59 | 0.12 | 18.71 | / | Pass |
| | | | 25 | 18.73 | 0.12 | 18.85 | / | Pass |
| | | | 50 | 18.83 | 0.12 | 18.95 | / | Pass |
| | | 100 | 0 | 17.68 | 0.12 | 17.80 | / | Pass |
| | 3690 | 1 | 0 | 17.91 | 0.12 | 18.03 | / | Pass |
| | | | 50 | 19.88 | 0.12 | 20.00 | / | Pass |
| | | | 99 | 17.95 | 0.12 | 18.07 | / | Pass |
| | | 50 | 0 | 19.00 | 0.12 | 19.12 | / | Pass |
| | | | 25 | 19.11 | 0.12 | 19.23 | / | Pass |
| | | | 50 | 19.06 | 0.12 | 19.18 | / | Pass |
| | | 100 | 0 | 18.15 | 0.12 | 18.27 | / | Pass |
| 256QAM | 3560 | 1 | 0 | 13.90 | 0.12 | 14.02 | / | Pass |
| | | | 50 | 17.98 | 0.12 | 18.10 | / | Pass |
| | | | 99 | 14.14 | 0.12 | 14.26 | / | Pass |
| | | 50 | 0 | 18.14 | 0.12 | 18.26 | / | Pass |
| | | | 25 | 18.17 | 0.12 | 18.29 | / | Pass |
| | | | 50 | 18.15 | 0.12 | 18.27 | / | Pass |
| | | 100 | 0 | 15.18 | 0.12 | 15.30 | / | Pass |
| | 3625 | 1 | 0 | 14.47 | 0.12 | 14.59 | / | Pass |
| | | | 50 | 18.69 | 0.12 | 18.81 | / | Pass |
| | | | 99 | 14.72 | 0.12 | 14.84 | / | Pass |
| | | 50 | 0 | 18.59 | 0.12 | 18.71 | / | Pass |
| | | | 25 | 18.69 | 0.12 | 18.81 | / | Pass |
| | | | 50 | 18.67 | 0.12 | 18.79 | / | Pass |
| | | 100 | 0 | 15.66 | 0.12 | 15.78 | / | Pass |
| | 3690 | 1 | 0 | 14.92 | 0.12 | 15.04 | / | Pass |
| | | | 50 | 18.97 | 0.12 | 19.09 | / | Pass |
| | | | 99 | 14.86 | 0.12 | 14.98 | / | Pass |
| | | 50 | 0 | 18.97 | 0.12 | 19.09 | / | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 25 | 19.13 | 0.12 | 19.25 | / | Pass |
| | | | 50 | 19.05 | 0.12 | 19.17 | / | Pass |
| | | 100 | 0 | 16.05 | 0.12 | 16.17 | / | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.8 B48_20MHz_EIRP/10MHz

| Band: 48 / Bandwidth: 20MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm/10MHz) | Gain (dBi) | EIRP/10MHz (dBm/10MHz) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3560 | 1 | 0 | 17.55 | 0.12 | 17.67 | <=23 | Pass |
| | | | 50 | 19.54 | 0.12 | 19.66 | <=23 | Pass |
| | | | 99 | 17.45 | 0.12 | 17.57 | <=23 | Pass |
| | | 50 | 0 | 20.65 | 0.12 | 20.77 | <=23 | Pass |
| | | | 25 | 20.65 | 0.12 | 20.77 | <=23 | Pass |
| | | | 50 | 20.57 | 0.12 | 20.69 | <=23 | Pass |
| | | 100 | 0 | 17.14 | 0.12 | 17.26 | <=23 | Pass |
| | 3625 | 1 | 0 | 18.30 | 0.12 | 18.42 | <=23 | Pass |
| | | | 50 | 20.32 | 0.12 | 20.44 | <=23 | Pass |
| | | | 99 | 18.59 | 0.12 | 18.71 | <=23 | Pass |
| | | 50 | 0 | 21.43 | 0.12 | 21.55 | <=23 | Pass |
| | | | 25 | 21.50 | 0.12 | 21.62 | <=23 | Pass |
| | | | 50 | 21.66 | 0.12 | 21.78 | <=23 | Pass |
| | | 100 | 0 | 17.91 | 0.12 | 18.03 | <=23 | Pass |
| | 3690 | 1 | 0 | 18.34 | 0.12 | 18.46 | <=23 | Pass |
| | | | 50 | 20.19 | 0.12 | 20.31 | <=23 | Pass |
| | | | 99 | 18.36 | 0.12 | 18.48 | <=23 | Pass |
| | | 50 | 0 | 21.38 | 0.12 | 21.50 | <=23 | Pass |
| | | | 25 | 21.39 | 0.12 | 21.51 | <=23 | Pass |
| | | | 50 | 21.37 | 0.12 | 21.49 | <=23 | Pass |
| | | 100 | 0 | 17.84 | 0.12 | 17.96 | <=23 | Pass |
| 16QAM | 3560 | 1 | 0 | 18.56 | 0.12 | 18.68 | <=23 | Pass |
| | | | 50 | 20.70 | 0.12 | 20.82 | <=23 | Pass |
| | | | 99 | 18.71 | 0.12 | 18.83 | <=23 | Pass |
| | | 50 | 0 | 19.71 | 0.12 | 19.83 | <=23 | Pass |
| | | | 25 | 19.72 | 0.12 | 19.84 | <=23 | Pass |
| | | | 50 | 19.62 | 0.12 | 19.74 | <=23 | Pass |
| | | 100 | 0 | 16.15 | 0.12 | 16.27 | <=23 | Pass |
| | 3625 | 1 | 0 | 19.34 | 0.12 | 19.46 | <=23 | Pass |
| | | | 50 | 21.54 | 0.12 | 21.66 | <=23 | Pass |
| | | | 99 | 19.63 | 0.12 | 19.75 | <=23 | Pass |
| | | 50 | 0 | 20.40 | 0.12 | 20.52 | <=23 | Pass |
| | | | 25 | 20.51 | 0.12 | 20.63 | <=23 | Pass |
| | | | 50 | 20.67 | 0.12 | 20.79 | <=23 | Pass |
| | | 100 | 0 | 16.97 | 0.12 | 17.09 | <=23 | Pass |
| | 3690 | 1 | 0 | 19.43 | 0.12 | 19.55 | <=23 | Pass |
| | | | 50 | 21.37 | 0.12 | 21.49 | <=23 | Pass |
| | | | 99 | 19.40 | 0.12 | 19.52 | <=23 | Pass |
| | | 50 | 0 | 20.38 | 0.12 | 20.50 | <=23 | Pass |
| | | | 25 | 20.42 | 0.12 | 20.54 | <=23 | Pass |
| | | | 50 | 20.35 | 0.12 | 20.47 | <=23 | Pass |
| | | 100 | 0 | 16.93 | 0.12 | 17.05 | <=23 | Pass |
| 64QAM | 3560 | 1 | 0 | 17.61 | 0.12 | 17.73 | <=23 | Pass |
| | | | 50 | 19.71 | 0.12 | 19.83 | <=23 | Pass |
| | | | 99 | 17.44 | 0.12 | 17.56 | <=23 | Pass |
| | | 50 | 0 | 18.74 | 0.12 | 18.86 | <=23 | Pass |
| | | | 25 | 18.72 | 0.12 | 18.84 | <=23 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 50 | 18.63 | 0.12 | 18.75 | <=23 | Pass |
| | | 100 | 0 | 15.17 | 0.12 | 15.29 | <=23 | Pass |
| | 3625 | 1 | 0 | 18.39 | 0.12 | 18.51 | <=23 | Pass |
| | | | 50 | 20.65 | 0.12 | 20.77 | <=23 | Pass |
| | | | 99 | 18.76 | 0.12 | 18.88 | <=23 | Pass |
| | | 50 | 0 | 19.43 | 0.12 | 19.55 | <=23 | Pass |
| | | | 25 | 19.53 | 0.12 | 19.65 | <=23 | Pass |
| | | | 50 | 19.62 | 0.12 | 19.74 | <=23 | Pass |
| | | 100 | 0 | 15.95 | 0.12 | 16.07 | <=23 | Pass |
| | 3690 | 1 | 0 | 18.43 | 0.12 | 18.55 | <=23 | Pass |
| | | | 50 | 20.40 | 0.12 | 20.52 | <=23 | Pass |
| | | | 99 | 18.43 | 0.12 | 18.55 | <=23 | Pass |
| | | 50 | 0 | 19.39 | 0.12 | 19.51 | <=23 | Pass |
| | | | 25 | 19.44 | 0.12 | 19.56 | <=23 | Pass |
| | | | 50 | 19.40 | 0.12 | 19.52 | <=23 | Pass |
| | | 100 | 0 | 15.88 | 0.12 | 16.00 | <=23 | Pass |
| 256QAM | 3560 | 1 | 0 | 14.63 | 0.12 | 14.75 | <=23 | Pass |
| | | | 50 | 18.60 | 0.12 | 18.72 | <=23 | Pass |
| | | | 99 | 14.60 | 0.12 | 14.72 | <=23 | Pass |
| | | 50 | 0 | 18.73 | 0.12 | 18.85 | <=23 | Pass |
| | | | 25 | 18.73 | 0.12 | 18.85 | <=23 | Pass |
| | | | 50 | 18.61 | 0.12 | 18.73 | <=23 | Pass |
| | | 100 | 0 | 13.15 | 0.12 | 13.27 | <=23 | Pass |
| | 3625 | 1 | 0 | 15.23 | 0.12 | 15.35 | <=23 | Pass |
| | | | 50 | 19.55 | 0.12 | 19.67 | <=23 | Pass |
| | | | 99 | 15.79 | 0.12 | 15.91 | <=23 | Pass |
| | | 50 | 0 | 19.43 | 0.12 | 19.55 | <=23 | Pass |
| | | | 25 | 19.52 | 0.12 | 19.64 | <=23 | Pass |
| | | | 50 | 19.66 | 0.12 | 19.78 | <=23 | Pass |
| | | 100 | 0 | 13.99 | 0.12 | 14.11 | <=23 | Pass |
| | 3690 | 1 | 0 | 15.34 | 0.12 | 15.46 | <=23 | Pass |
| | | | 50 | 19.29 | 0.12 | 19.41 | <=23 | Pass |
| | | | 99 | 15.47 | 0.12 | 15.59 | <=23 | Pass |
| | | 50 | 0 | 19.40 | 0.12 | 19.52 | <=23 | Pass |
| | | | 25 | 19.43 | 0.12 | 19.55 | <=23 | Pass |
| | | | 50 | 19.41 | 0.12 | 19.53 | <=23 | Pass |
| | | 100 | 0 | 13.87 | 0.12 | 13.99 | <=23 | Pass |
| Note1: EIRP/10MHz=Conducted Power+Antenna Gain | | | | | | | | |

# 2. Frequency Stability

## 2.1 Test Result

### 2.1.1 B48_10MHz

| Band: 48 / Bandwidth: 10MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 3625 | 50 | 0 | 20 | LV | -0.300 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | | HV | 3.500 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | | NV | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | -30 | NV | 3.000 | 0.0008 | -2.5 to 2.5 | Pass |
| | | | | -20 | NV | -0.400 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | -10 | NV | -1.500 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 0 | NV | -1.400 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 10 | NV | -0.300 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 30 | NV | 2.400 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 40 | NV | 5.200 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | 50 | NV | 3.100 | 0.0009 | -2.5 to 2.5 | Pass |

# 3. 99% & 26dB Bandwidth

## 3.1 Test Result

### 3.1.1 Band48_OBW

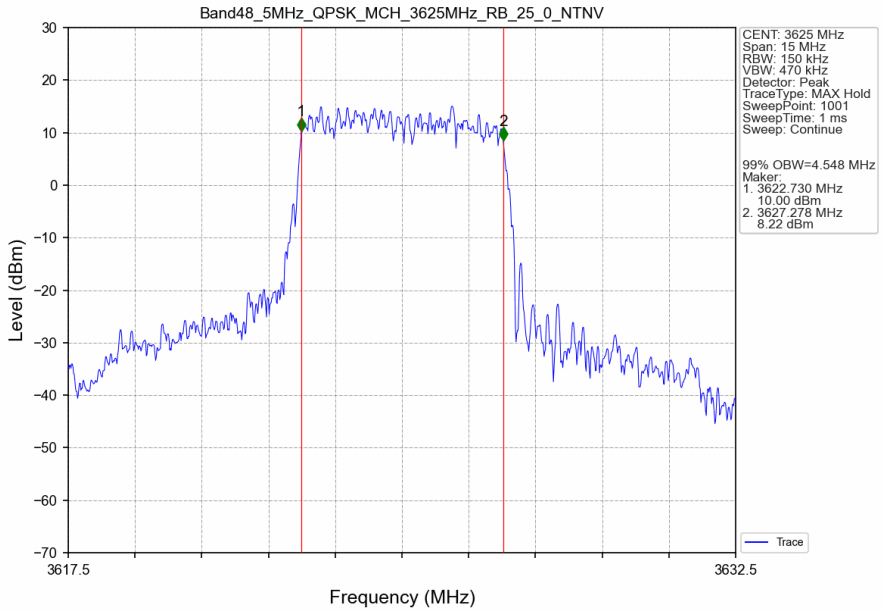
| Band: 48 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 5 | QPSK | 3625 | 25 | 0 | 4.548 | / | Pass |
| | 16QAM | 3625 | 25 | 0 | 4.523 | / | Pass |
| 10 | QPSK | 3625 | 50 | 0 | 9.060 | / | Pass |
| | 16QAM | 3625 | 50 | 0 | 9.004 | / | Pass |
| 15 | QPSK | 3625 | 75 | 0 | 13.653 | / | Pass |
| | 16QAM | 3625 | 75 | 0 | 13.498 | / | Pass |
| 20 | QPSK | 3625 | 100 | 0 | 17.976 | / | Pass |
| | 16QAM | 3625 | 100 | 0 | 18.043 | / | Pass |

### 3.1.2 Band48_XDB

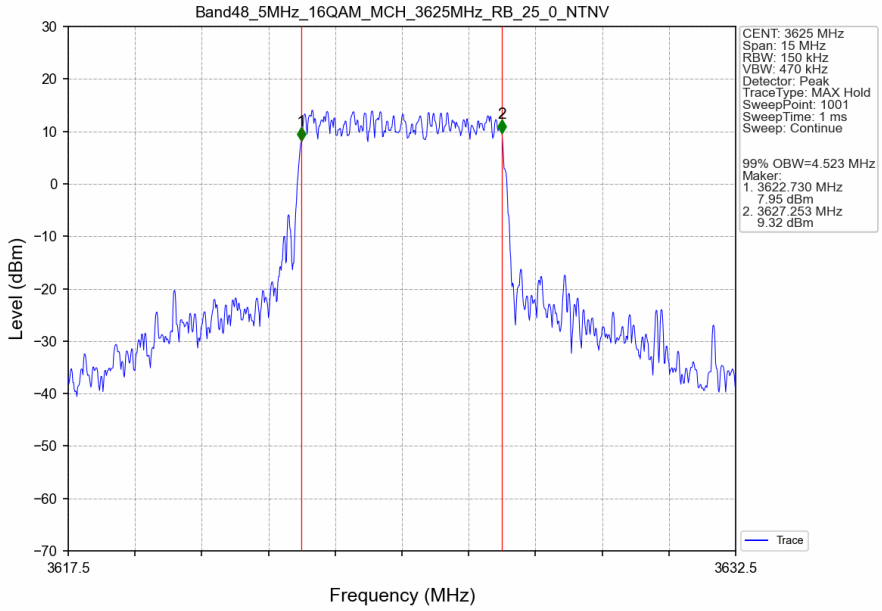
| Band: 48 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 5 | QPSK | 3625 | 25 | 0 | 5.067 | / | Pass |
| | 16QAM | 3625 | 25 | 0 | 5.102 | / | Pass |
| 10 | QPSK | 3625 | 50 | 0 | 9.971 | / | Pass |
| | 16QAM | 3625 | 50 | 0 | 9.653 | / | Pass |
| 15 | QPSK | 3625 | 75 | 0 | 14.544 | / | Pass |
| | 16QAM | 3625 | 75 | 0 | 14.513 | / | Pass |
| 20 | QPSK | 3625 | 100 | 0 | 19.360 | / | Pass |
| | 16QAM | 3625 | 100 | 0 | 19.234 | / | Pass |

## 3.2 Test Graph

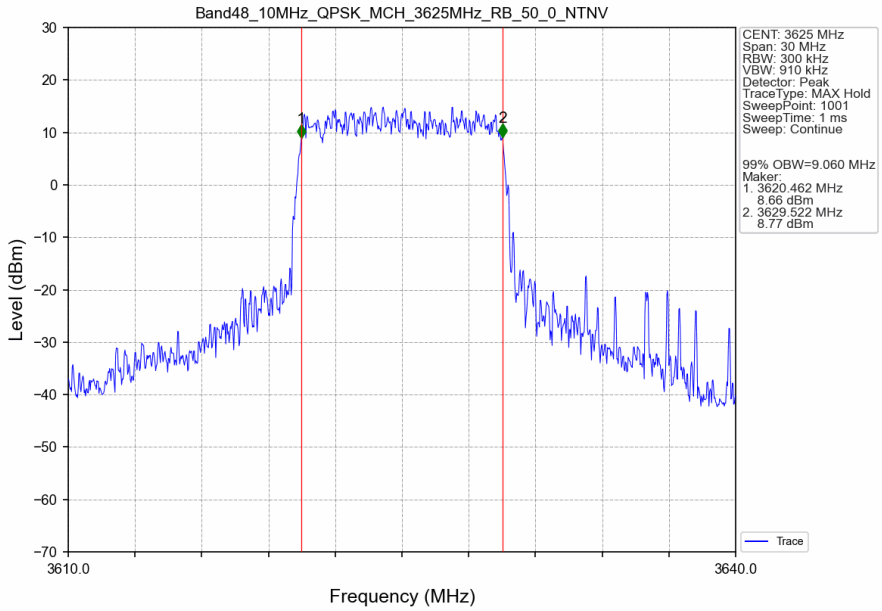
### 3.2.1 Band48_OBW

| Band48_5MHz_QPSK_MCH_3625MHz_RB_25_0_NTNV |
|---|
|  |

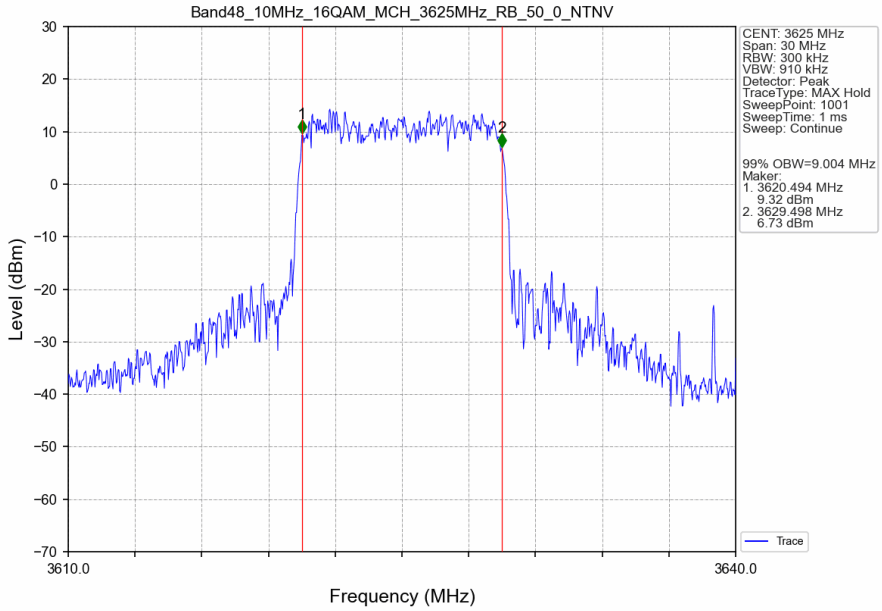


| Band48_5MHz_16QAM_MCH_3625MHz_RB_25_0_NTNV |
|---|
|  |

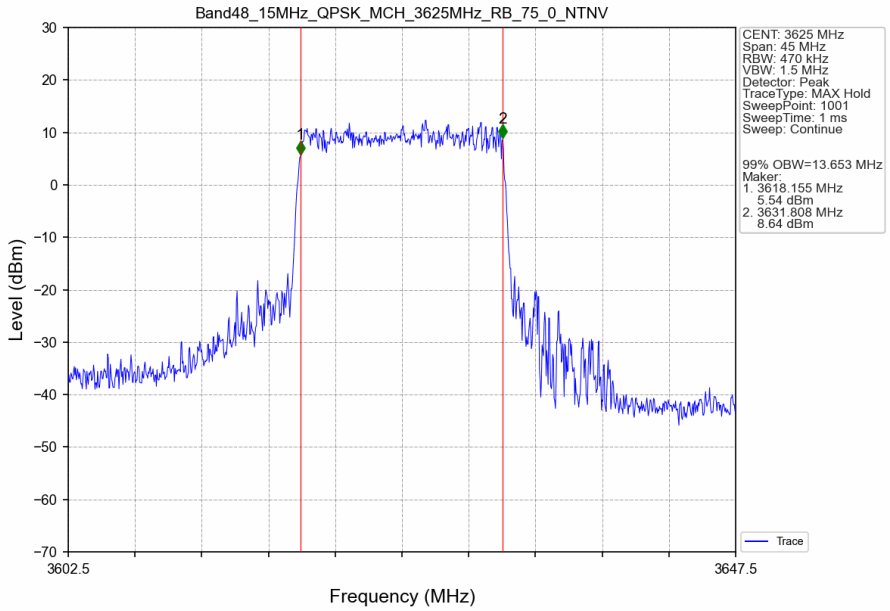
Band48_10MHz_QPSK_MCH_3625MHz_RB_50_0_NTNV



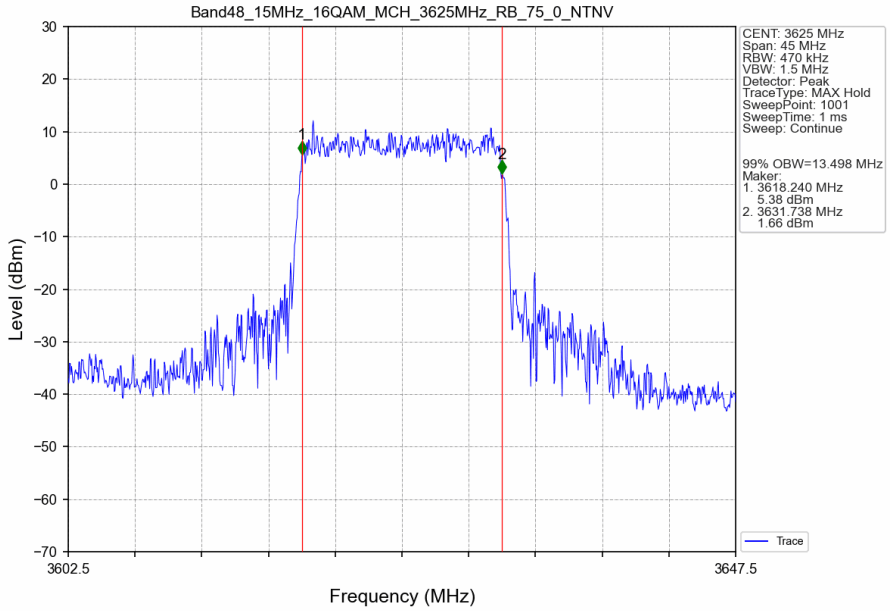

Band48_10MHz_16QAM_MCH_3625MHz_RB_50_0_NTNV



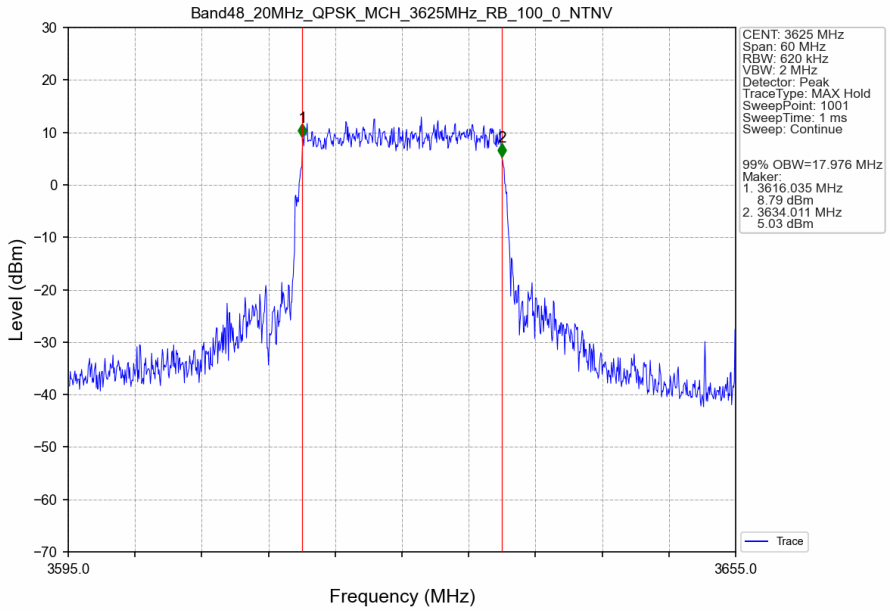
Band48_15MHz_QPSK_MCH_3625MHz_RB_75_0_NTNV



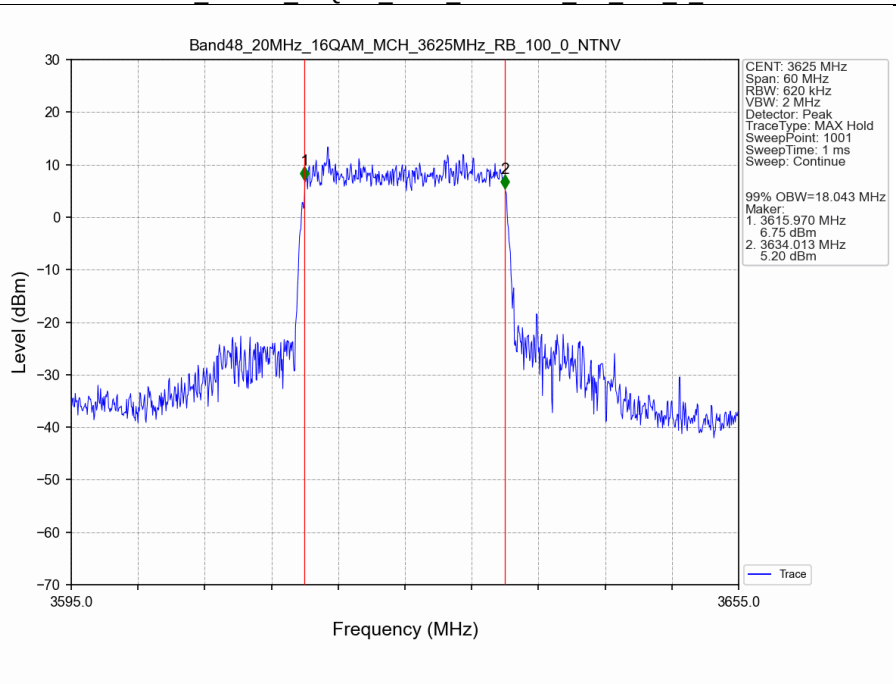

Band48_15MHz_16QAM_MCH_3625MHz_RB_75_0_NTNV



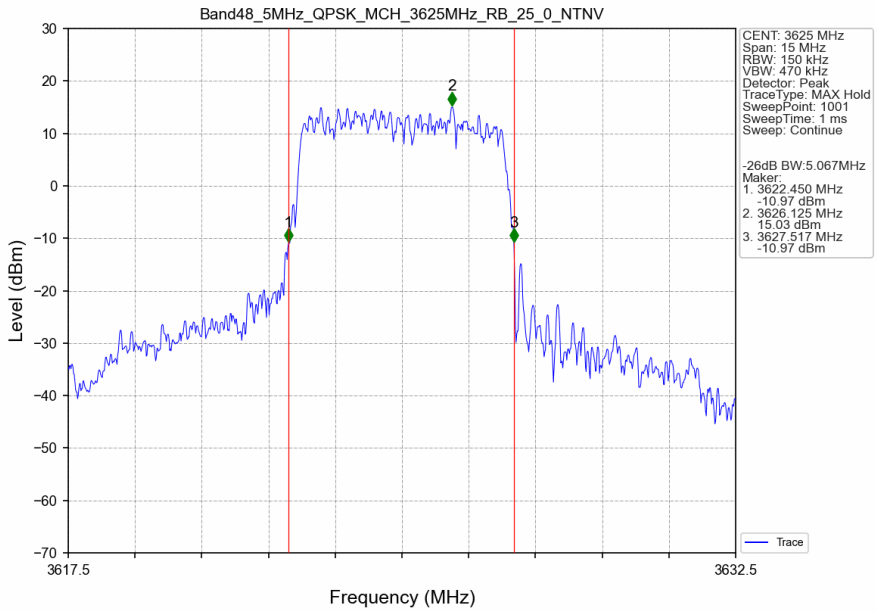
Band48_20MHz_QPSK_MCH_3625MHz_RB_100_0_NTNV



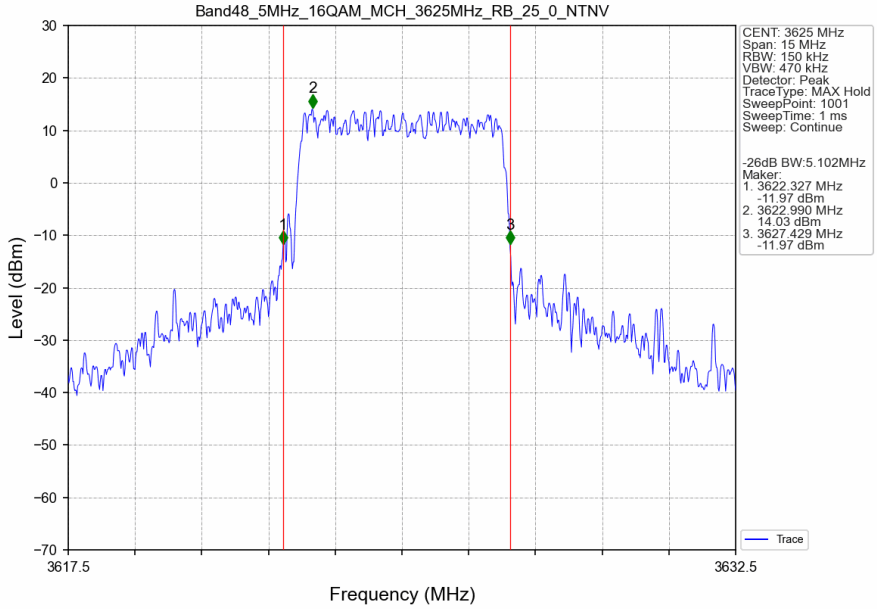

Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



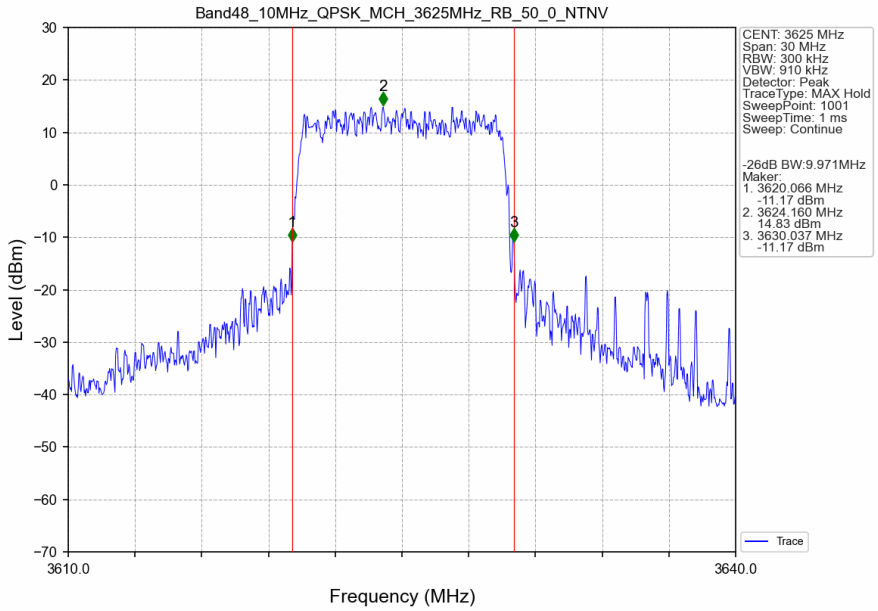
## 3.2.2 Band48_XDB

| Band48_5MHz_QPSK_MCH_3625MHz_RB_25_0_NTNV |
|---|
|  |

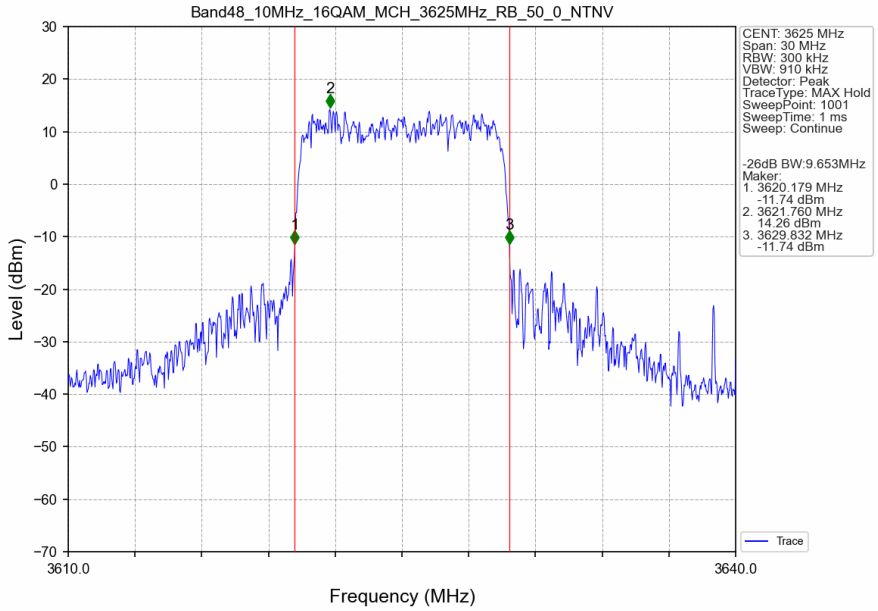


| Band48_5MHz_16QAM_MCH_3625MHz_RB_25_0_NTNV |
|---|
|  |

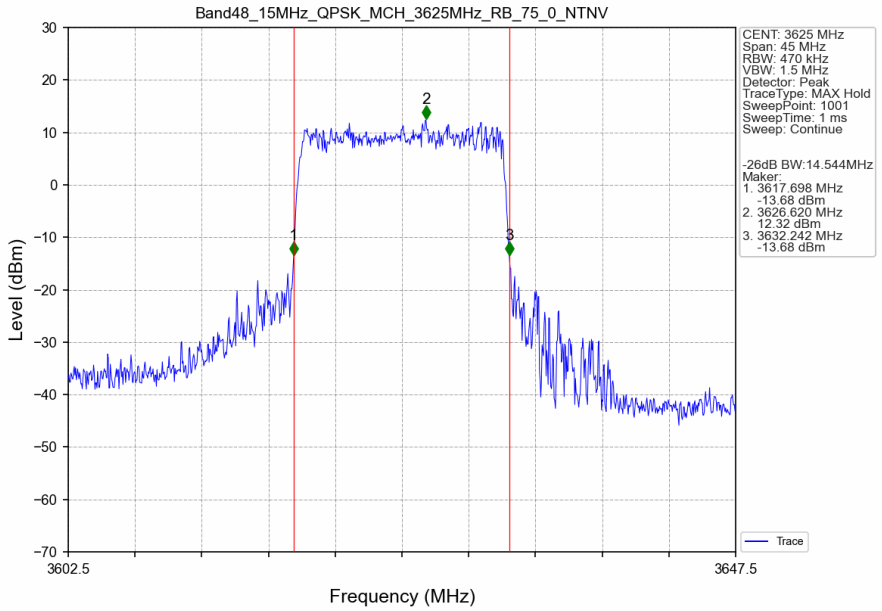
Band48_10MHz_QPSK_MCH_3625MHz_RB_50_0_NTNV



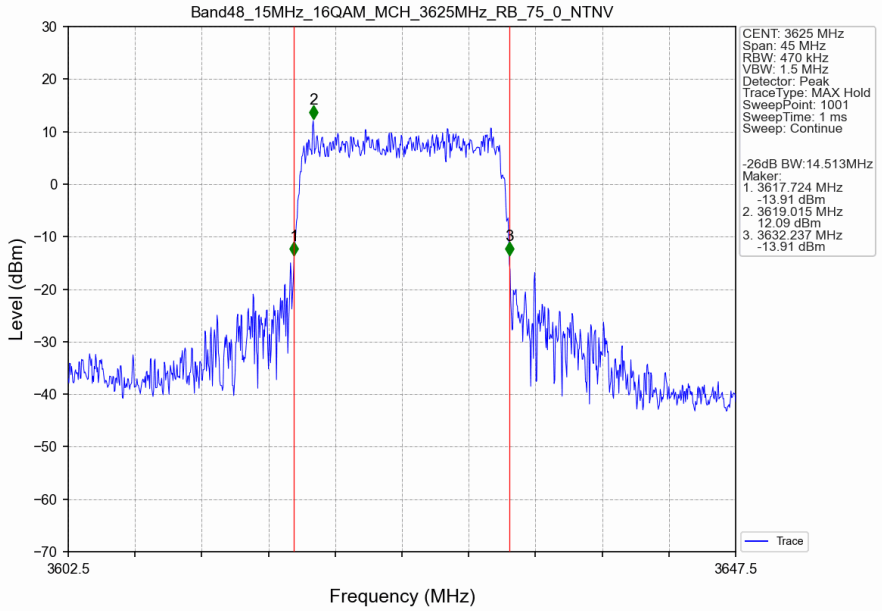

Band48_10MHz_16QAM_MCH_3625MHz_RB_50_0_NTNV



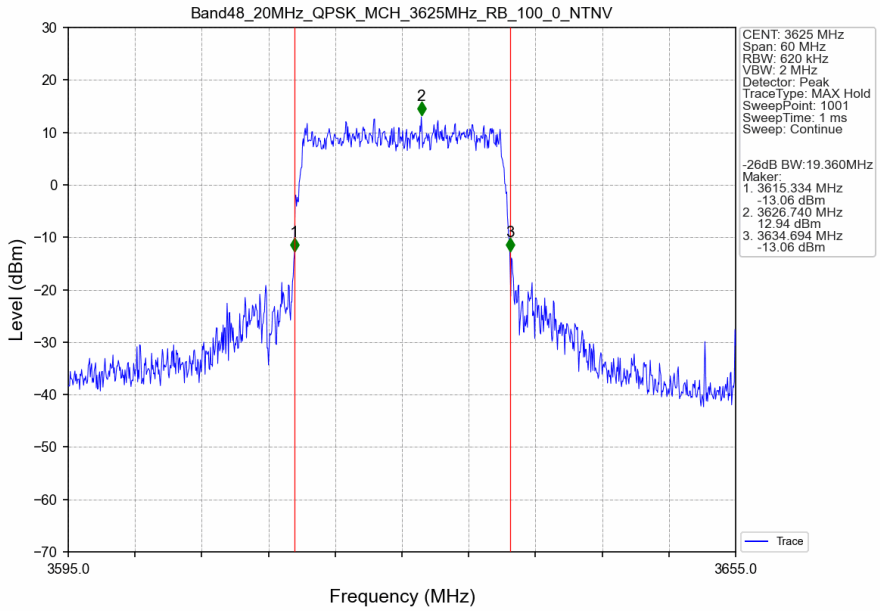
Band48_15MHz_QPSK_MCH_3625MHz_RB_75_0_NTNV



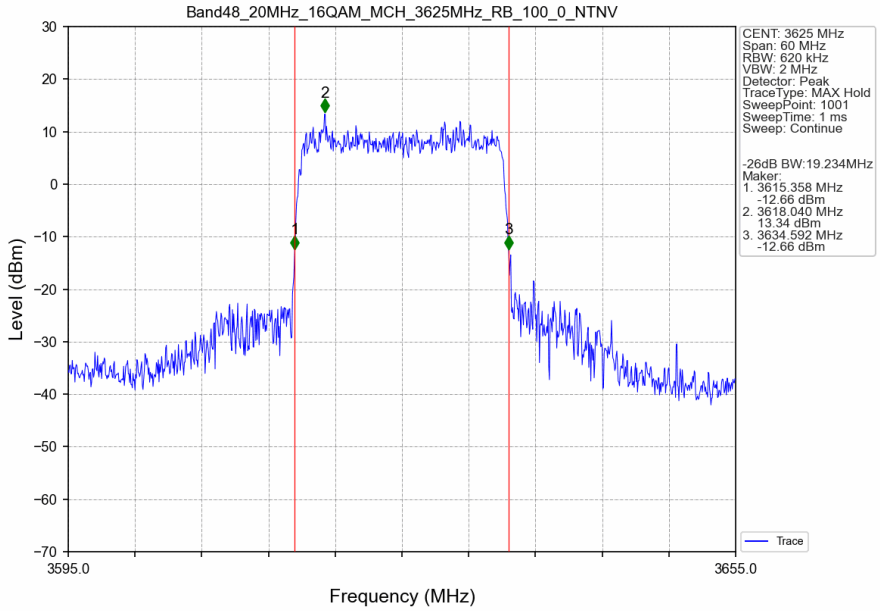

Band48_15MHz_16QAM_MCH_3625MHz_RB_75_0_NTNV



Band48_20MHz_QPSK_MCH_3625MHz_RB_100_0_NTNV




Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



# 4. Peak-Average Ratio

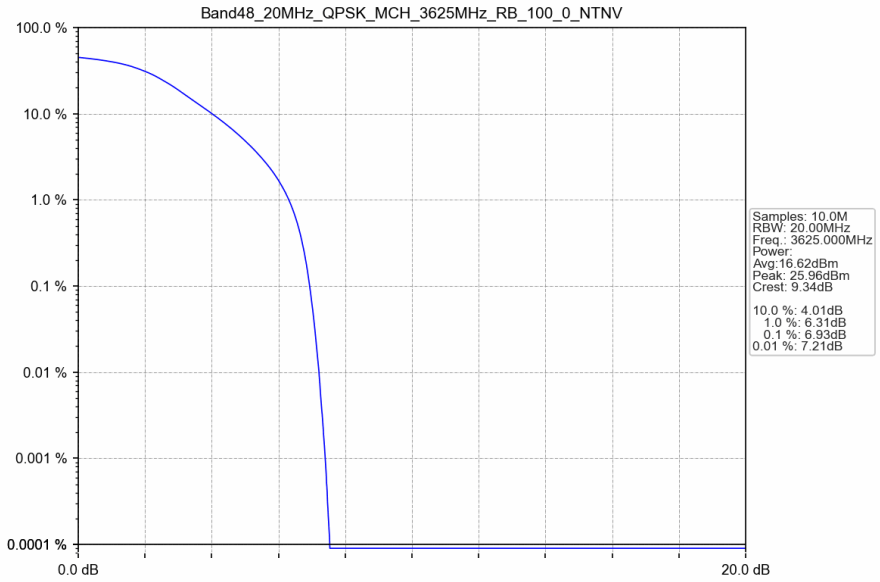
## 4.1 Test Result

### 4.1.1 B48_20MHz

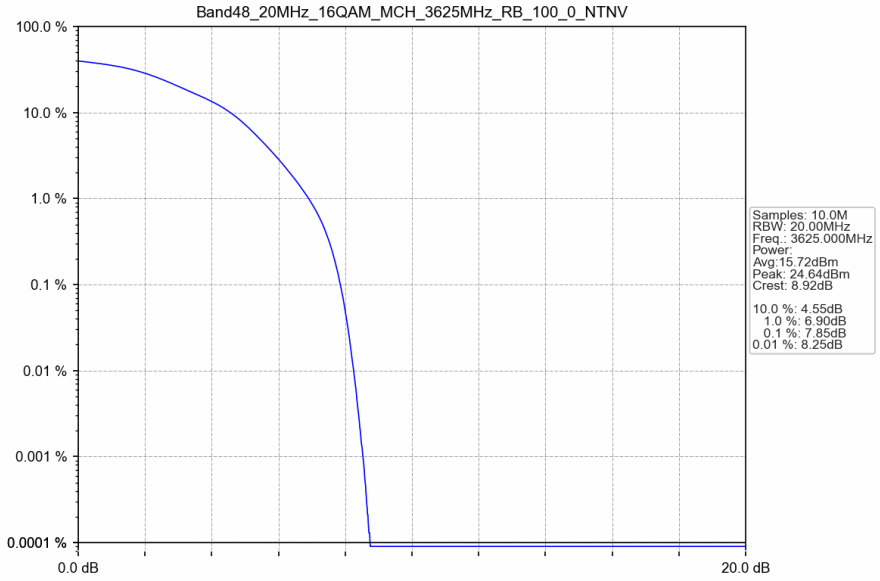
| Band: 48 / Bandwidth: 20MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 3625 | 100 | 0 | 6.93 | <=13 | Pass |
| 16QAM | 3625 | 100 | 0 | 7.85 | <=13 | Pass |
| 64QAM | 3625 | 100 | 0 | 7.87 | <=13 | Pass |
| 256QAM | 3625 | 100 | 0 | 8.71 | <=13 | Pass |

## 4.2 Test Graph

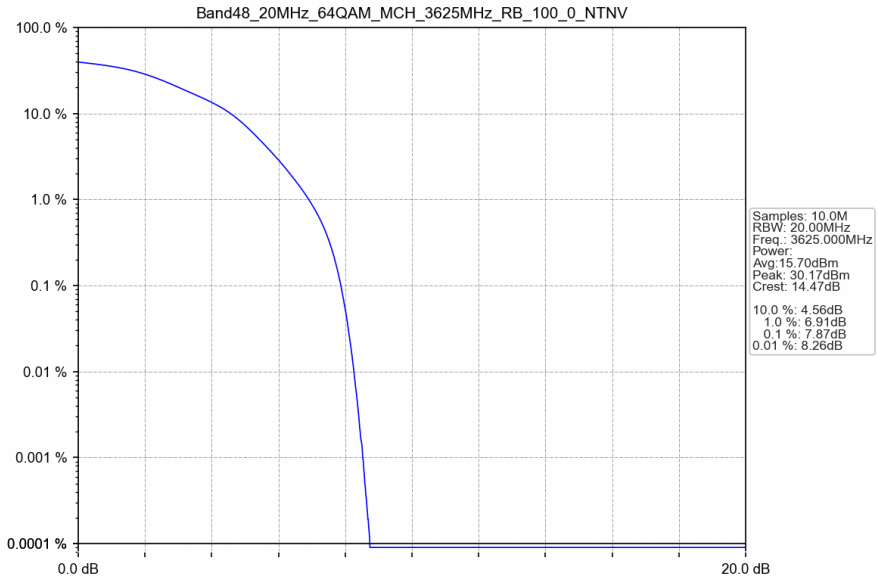
### 4.2.1 B48_20MHz

| Band48_20MHz_QPSK_MCH_3625MHz_RB_100_0_NTNV |
|---|
|  |

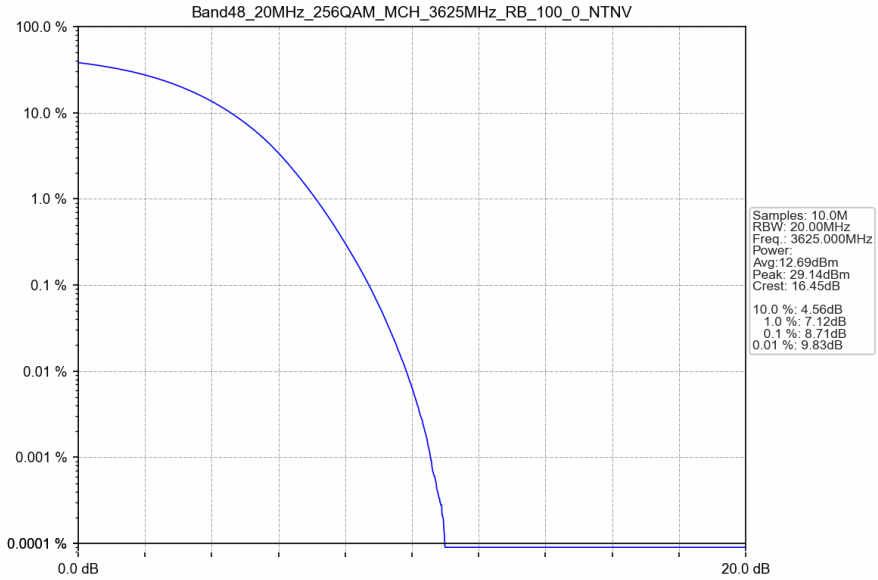


| Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV |
|---|
|  |

Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV




Band48_20MHz_256QAM_MCH_3625MHz_RB_100_0_NTNV



# 5. Spurious Emission

## 5.1 Test Result

### 5.1.1 B48_5MHz

| Band: 48 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 3552.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 3625 | 1 | 0 | Refer To Test Graph | | Pass |
| | 3697.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |

### 5.1.2 B48_10MHz

| Band: 48 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 3555 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 3625 | 1 | 0 | Refer To Test Graph | | Pass |
| | 3695 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |

### 5.1.3 B48_15MHz

| Band: 48 / Bandwidth: 15MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 3557.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |
| | 3625 | 1 | 0 | Refer To Test Graph | | Pass |
| | 3692.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 74 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |

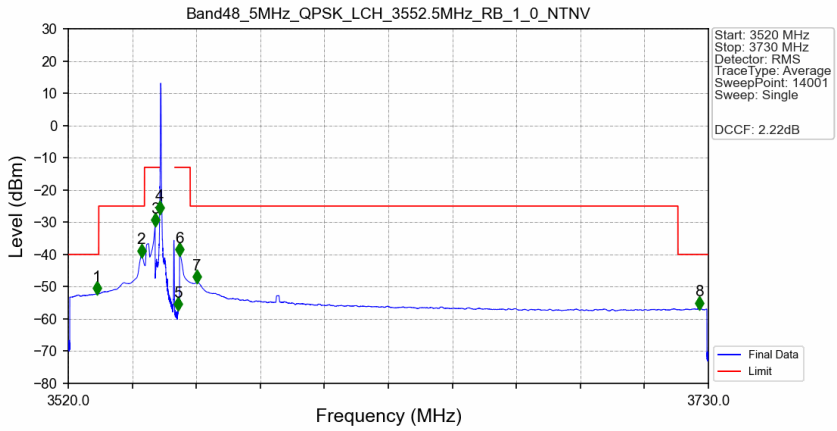
### 5.1.4 B48_20MHz

| Band: 48 / Bandwidth: 20MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 3560 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass |
| | 3625 | 1 | 0 | Refer To Test Graph | | Pass |
| | 3690 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 99 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass |

## 5.2 Test Graph

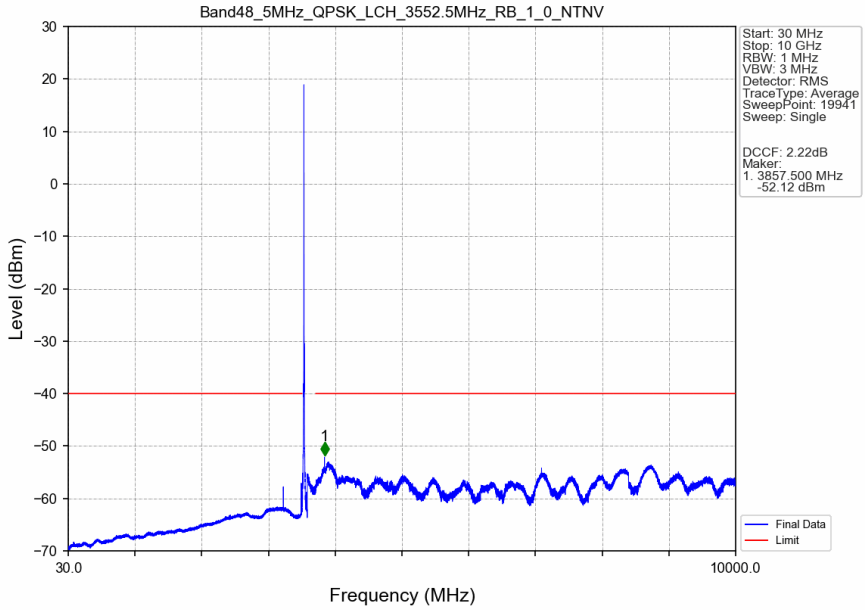
### 5.2.1 B48_5MHz

Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV

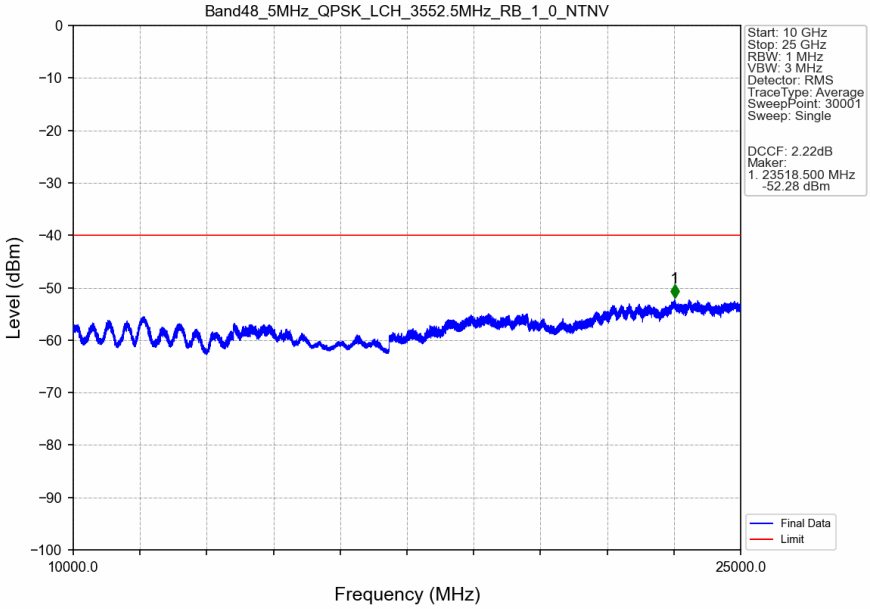



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3529.390 | -52.19 | -40 | Pass |
| 3530 | 3545 | 1 | CHP | 2 | 3544.000 | -40.49 | -25 | Pass |
| 3545 | 3549 | 1 | CHP | 3 | 3548.500 | -30.98 | -13 | Pass |
| 3549 | 3550 | 0.03 | / | 4 | 3549.985 | -27.11 | -13 | Pass |
| 3550 | 3555 | 0.03 | / | / | / | / | / | / |
| 3555 | 3556 | 0.03 | / | 5 | 3555.880 | -57.11 | -13 | Pass |
| 3556 | 3560 | 1 | CHP | 6 | 3556.600 | -40.25 | -13 | Pass |
| 3560 | 3720 | 1 | CHP | 7 | 3562.270 | -48.67 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3726.970 | -56.76 | -40 | Pass |

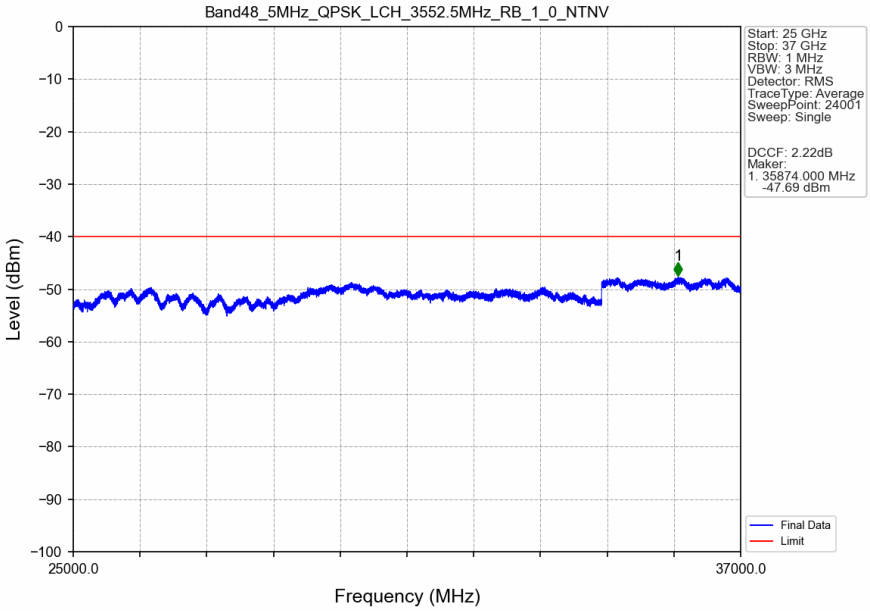
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV



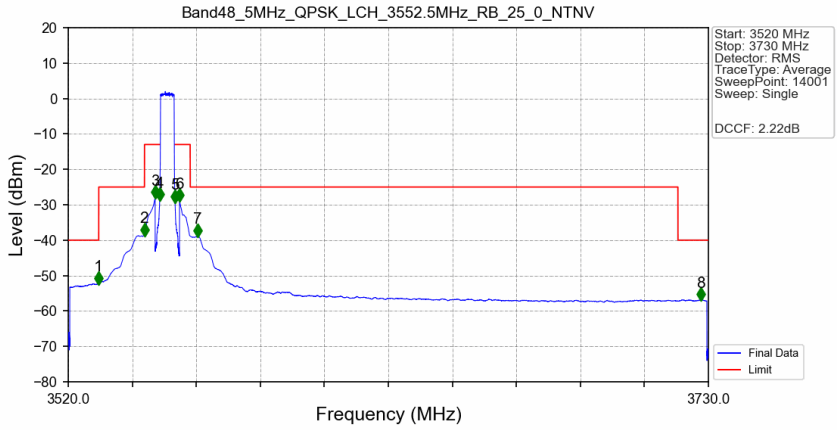
Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV




Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV

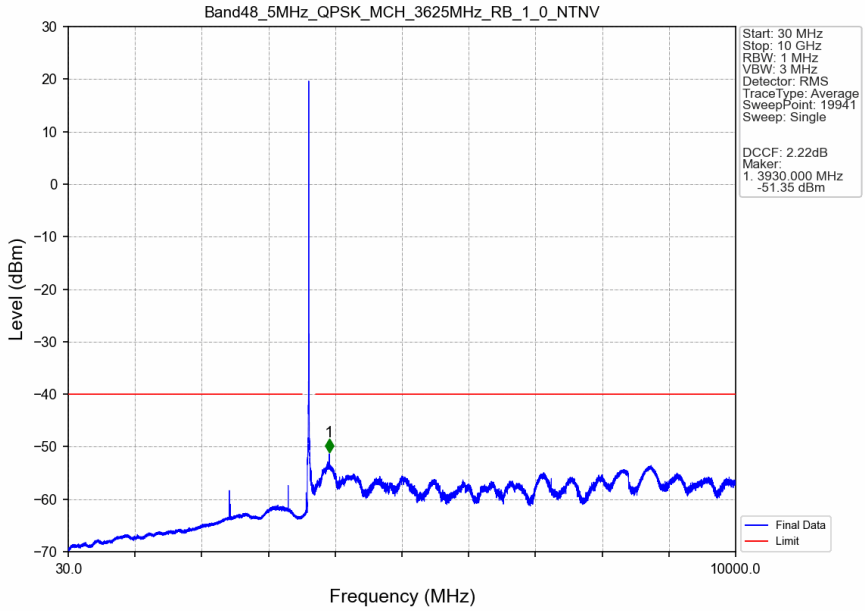


## Band48_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV

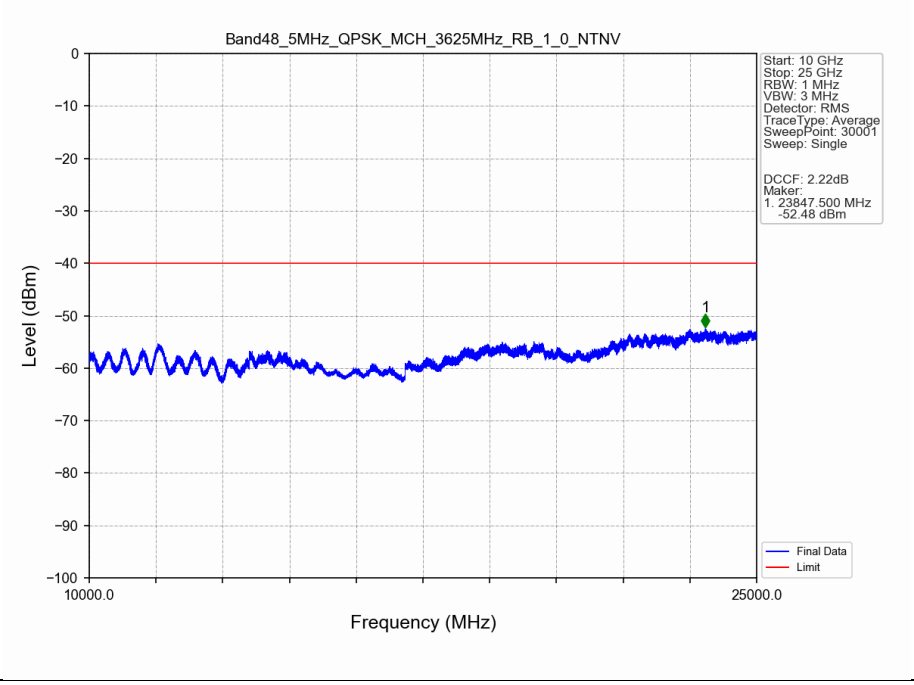



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3529.930 | -52.22 | -40 | Pass |
| 3530 | 3545 | 1 | CHP | 2 | 3544.960 | -38.56 | -25 | Pass |
| 3545 | 3549 | 1 | CHP | 3 | 3548.500 | -27.93 | -13 | Pass |
| 3549 | 3550 | 0.051 | CHP | 4 | 3549.985 | -28.63 | -13 | Pass |
| 3550 | 3555 | 0.051 | CHP | / | / | / | / | / |
| 3555 | 3556 | 0.051 | CHP | 5 | 3555.010 | -29.17 | -13 | Pass |
| 3556 | 3560 | 1 | CHP | 6 | 3556.510 | -28.83 | -13 | Pass |
| 3560 | 3720 | 1 | CHP | 7 | 3562.510 | -38.76 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3727.555 | -56.80 | -40 | Pass |

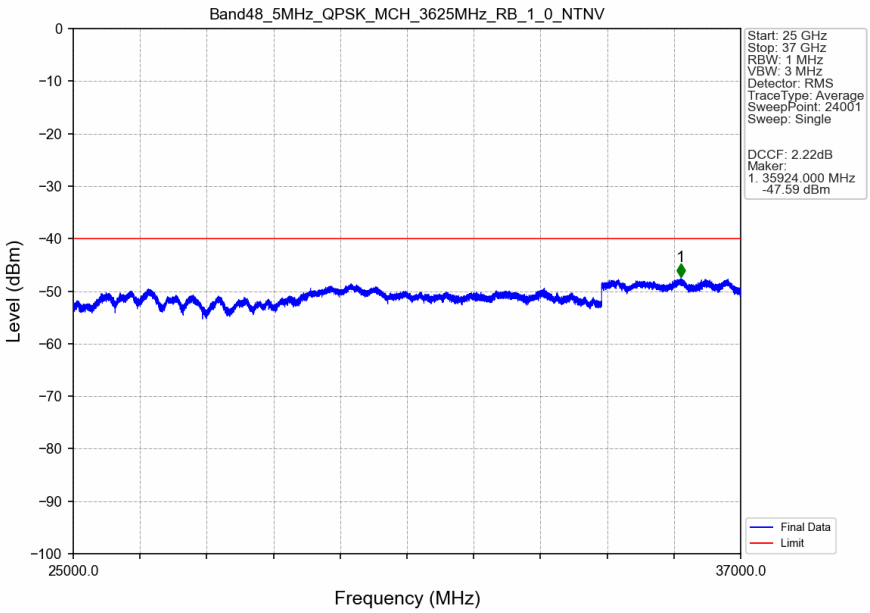
## Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



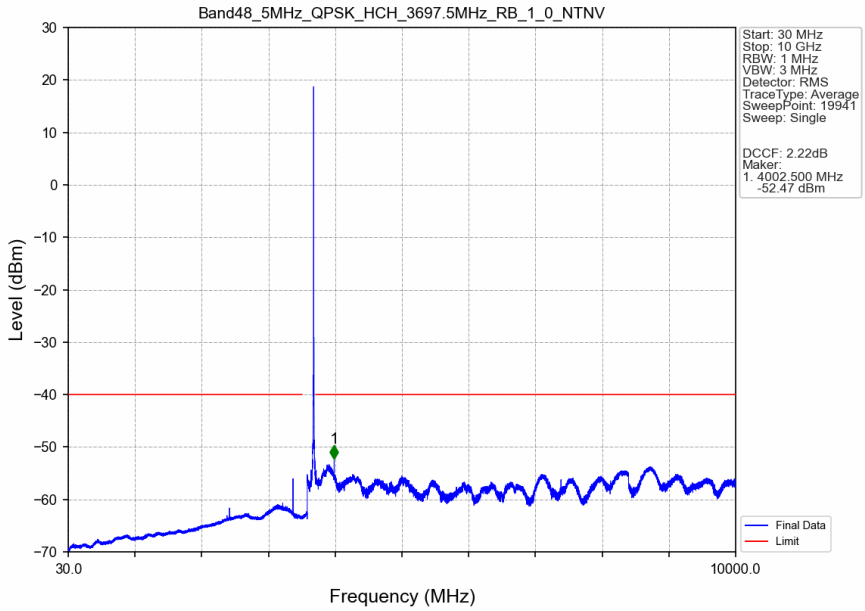
Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



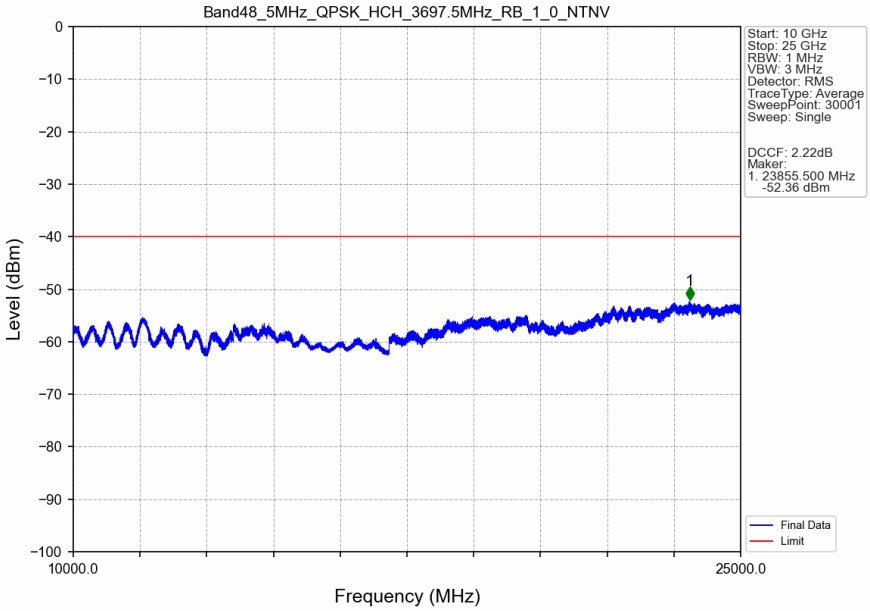

Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



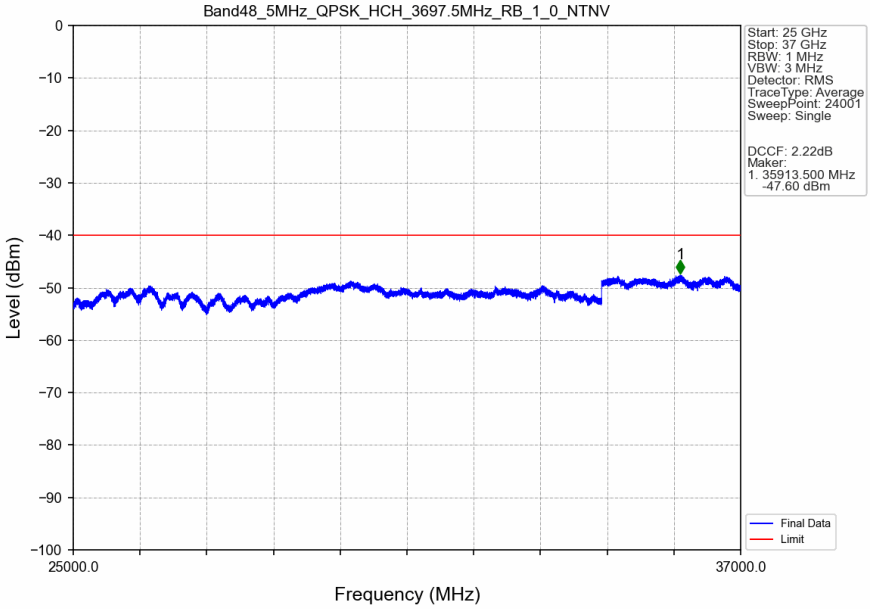
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_0_NTNV



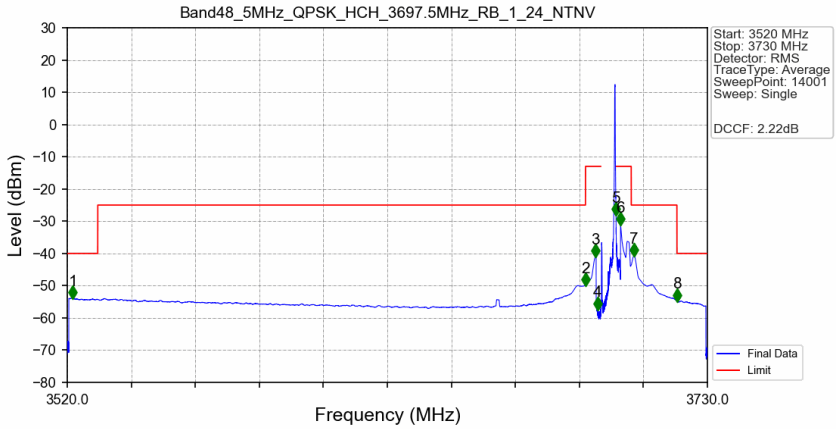

Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_0_NTNV



## Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_0_NTNV

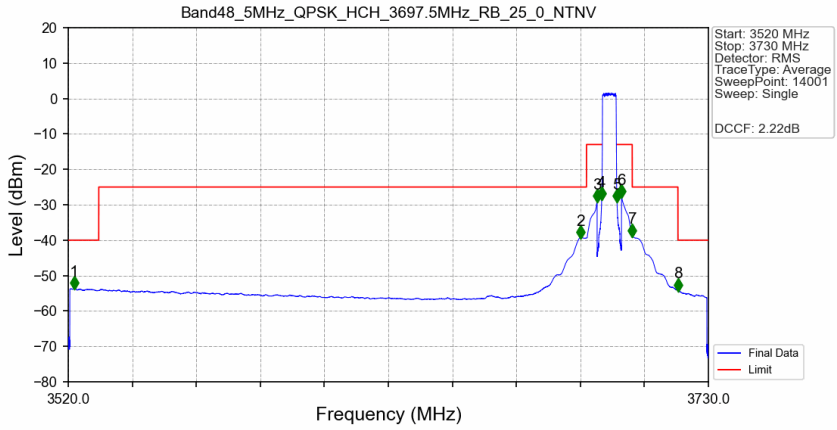



## Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_24_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3521.860 | -53.84 | -40 | Pass |
| 3530 | 3690 | 1 | CHP | 2 | 3689.995 | -49.78 | -25 | Pass |
| 3690 | 3694 | 1 | CHP | 3 | 3693.325 | -40.93 | -13 | Pass |
| 3694 | 3695 | 0.03 | / | 4 | 3694.015 | -57.19 | -13 | Pass |
| 3695 | 3700 | 0.03 | / | / | / | / | / | / |
| 3700 | 3701 | 0.03 | / | 5 | 3700.015 | -27.88 | -13 | Pass |
| 3701 | 3705 | 1 | CHP | 6 | 3701.500 | -30.94 | -13 | Pass |
| 3705 | 3720 | 1 | CHP | 7 | 3705.985 | -40.68 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3720.010 | -54.66 | -40 | Pass |

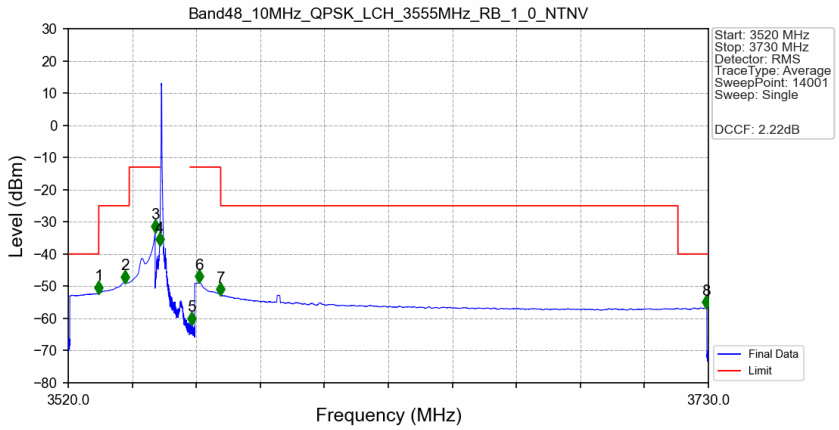
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_25_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3521.950 | -53.66 | -40 | Pass |
| 3530 | 3690 | 1 | CHP | 2 | 3688.045 | -39.24 | -25 | Pass |
| 3690 | 3694 | 1 | CHP | 3 | 3693.490 | -29.04 | -13 | Pass |
| 3694 | 3695 | 0.051 | CHP | 4 | 3694.990 | -28.47 | -13 | Pass |
| 3695 | 3700 | 0.051 | CHP | / | / | / | / | / |
| 3700 | 3701 | 0.051 | CHP | 5 | 3700.015 | -28.98 | -13 | Pass |
| 3701 | 3705 | 1 | CHP | 6 | 3701.500 | -27.72 | -13 | Pass |
| 3705 | 3720 | 1 | CHP | 7 | 3705.010 | -38.79 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3720.010 | -54.15 | -40 | Pass |

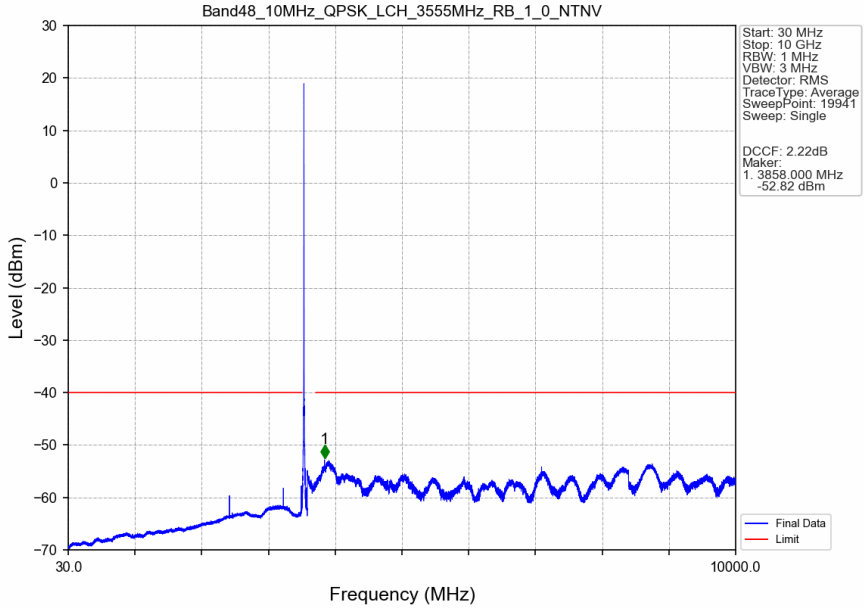
## 5.2.2 B48_10MHz

Band48_10MHz_QPSK_LCH_3555MHz_RB_1_0_NTNV

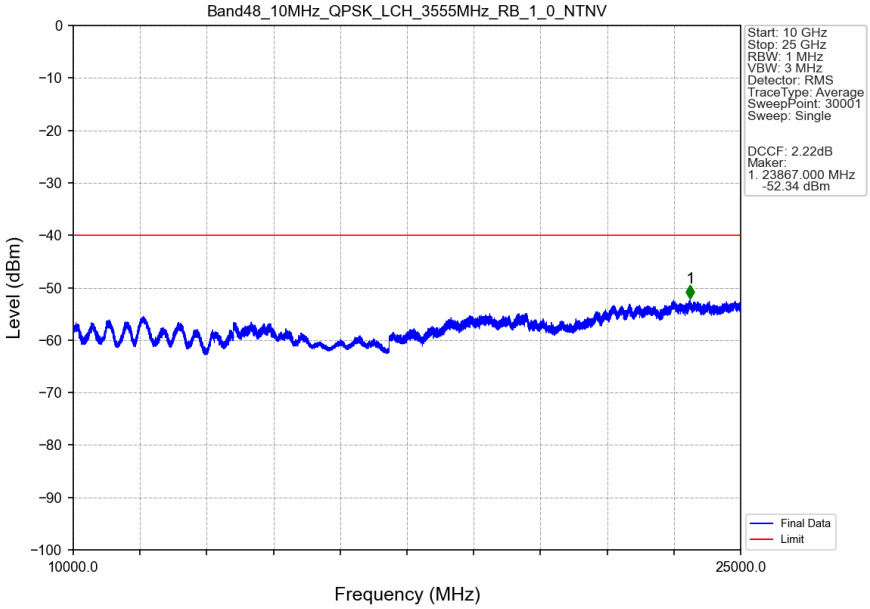



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3529.990 | -52.03 | -40 | Pass |
| 3530 | 3540 | 1 | CHP | 2 | 3538.570 | -48.75 | -25 | Pass |
| 3540 | 3549 | 1 | CHP | 3 | 3548.500 | -33.03 | -13 | Pass |
| 3549 | 3550 | 0.03 | / | 4 | 3549.985 | -37.07 | -13 | Pass |
| 3550 | 3560 | 0.03 | / | / | / | / | / | / |
| 3560 | 3561 | 0.03 | / | 5 | 3560.440 | -61.65 | -13 | Pass |
| 3561 | 3570 | 1 | CHP | 6 | 3562.990 | -48.69 | -13 | Pass |
| 3570 | 3720 | 1 | CHP | 7 | 3570.010 | -52.57 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3729.310 | -56.68 | -40 | Pass |

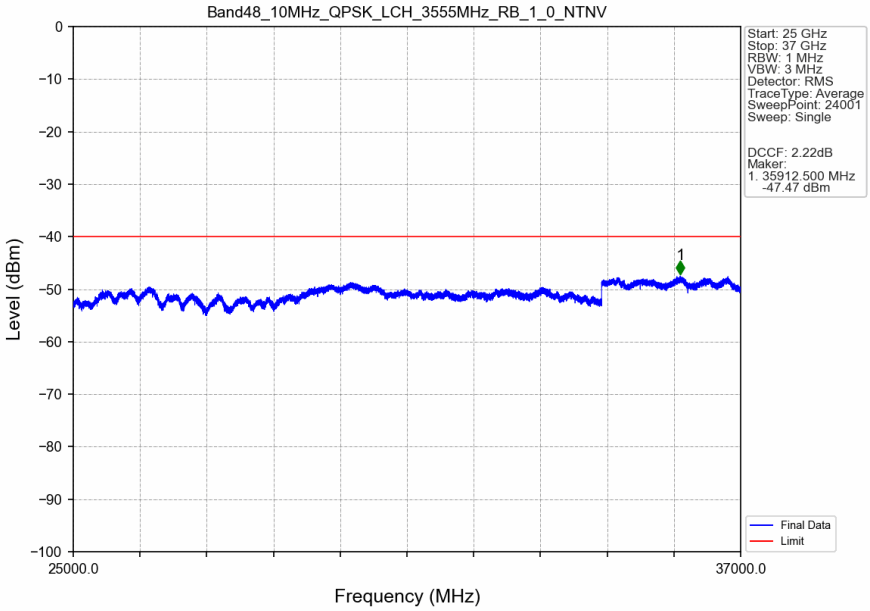
Band48_10MHz_QPSK_LCH_3555MHz_RB_1_0_NTNV



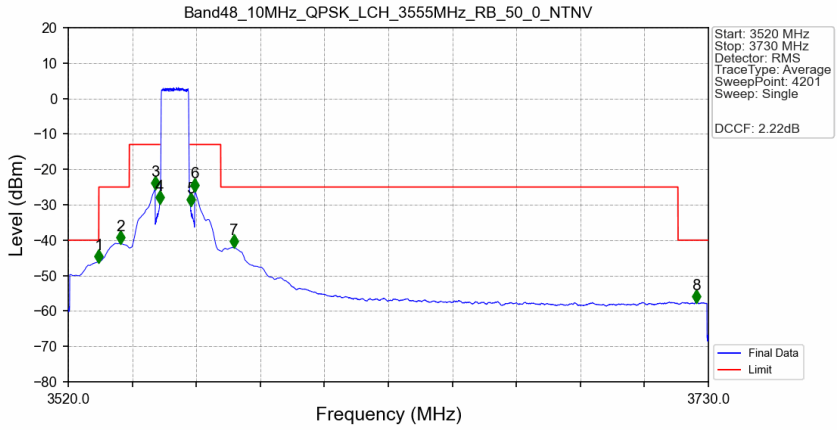
Band48_10MHz_QPSK_LCH_3555MHz_RB_1_0_NTNV




Band48_10MHz_QPSK_LCH_3555MHz_RB_1_0_NTNV

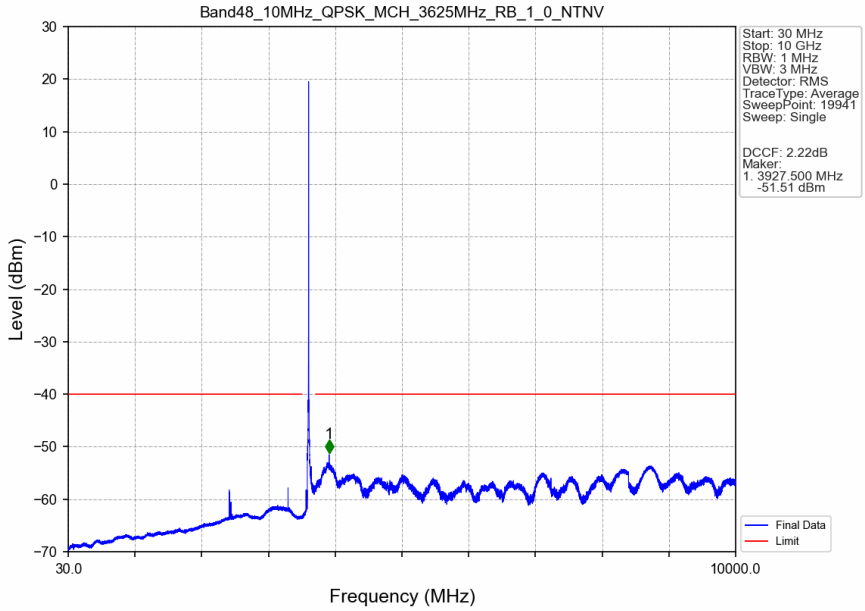


## Band48_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV

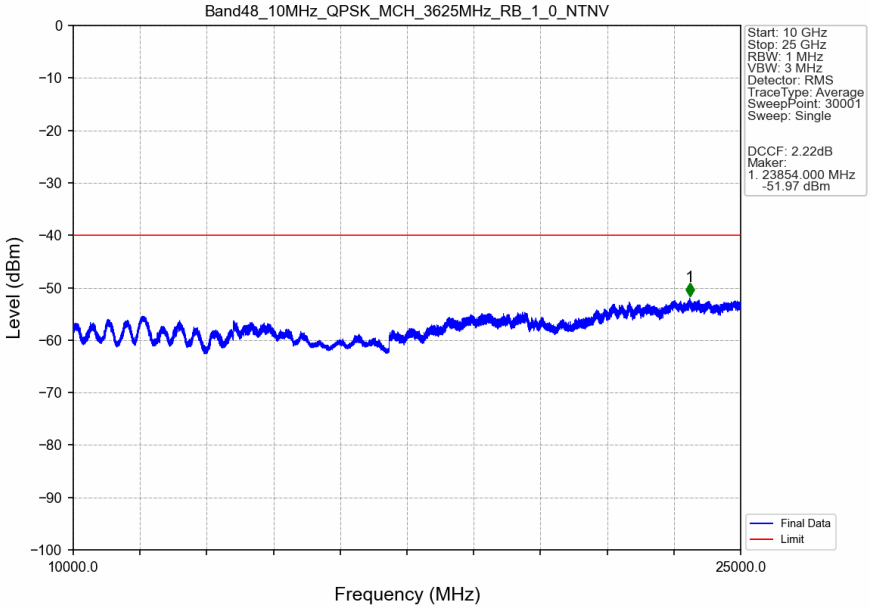



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3530.000 | -46.08 | -40 | Pass |
| 3530 | 3540 | 1 | CHP | 2 | 3537.100 | -40.79 | -25 | Pass |
| 3540 | 3549 | 1 | CHP | 3 | 3548.500 | -25.41 | -13 | Pass |
| 3549 | 3550 | 0.1 | / | 4 | 3549.950 | -29.49 | -13 | Pass |
| 3550 | 3560 | 0.1 | / | / | / | / | / | / |
| 3560 | 3561 | 0.1 | / | 5 | 3560.100 | -30.15 | -13 | Pass |
| 3561 | 3570 | 1 | CHP | 6 | 3561.500 | -25.95 | -13 | Pass |
| 3570 | 3720 | 1 | CHP | 7 | 3574.250 | -41.92 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3725.950 | -57.50 | -40 | Pass |

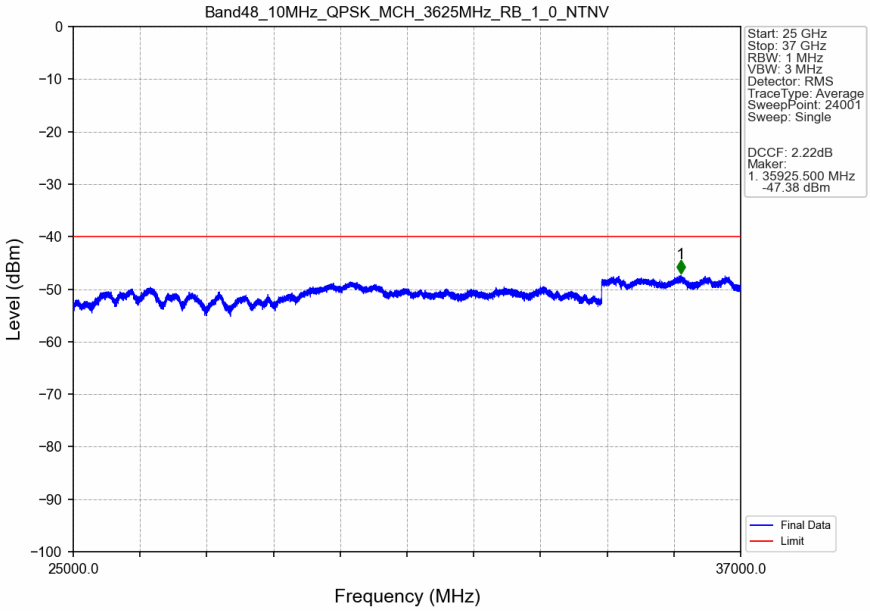
## Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



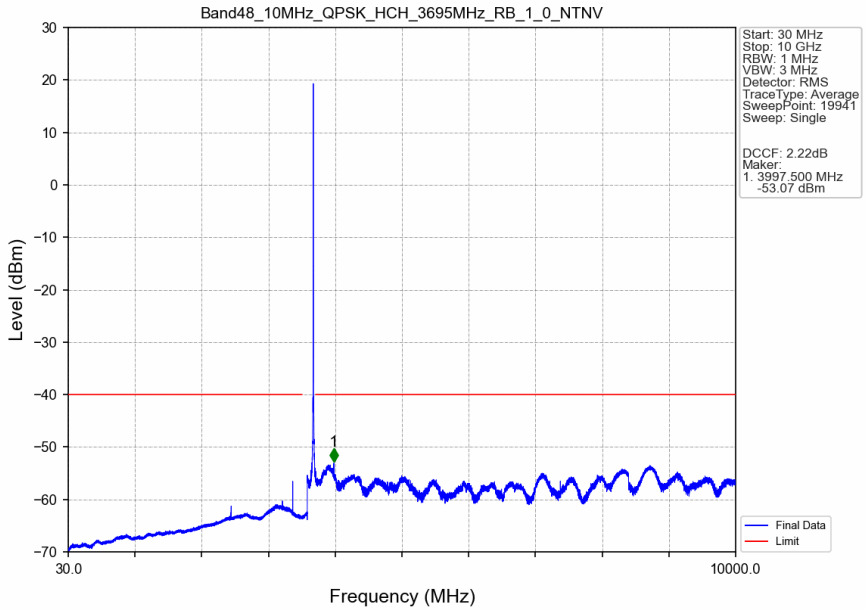
Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



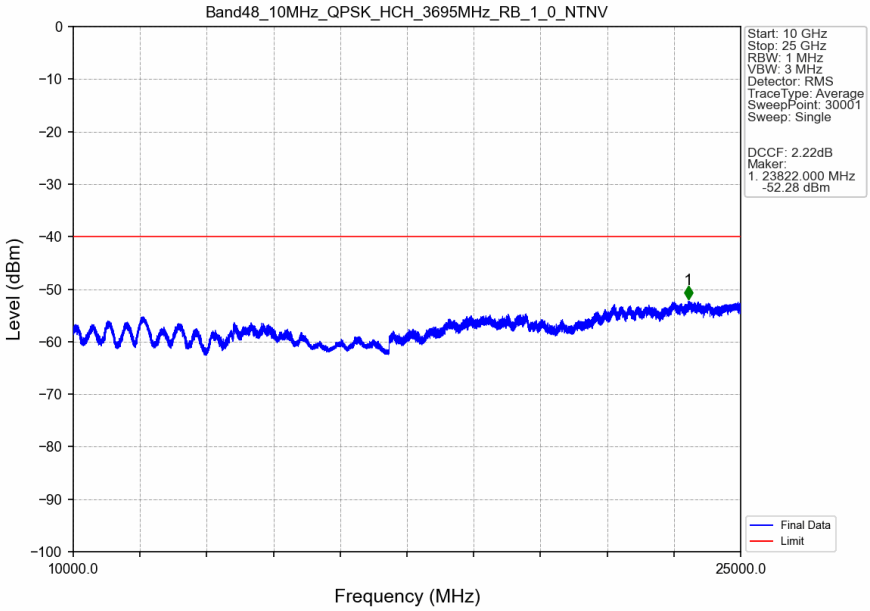

Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



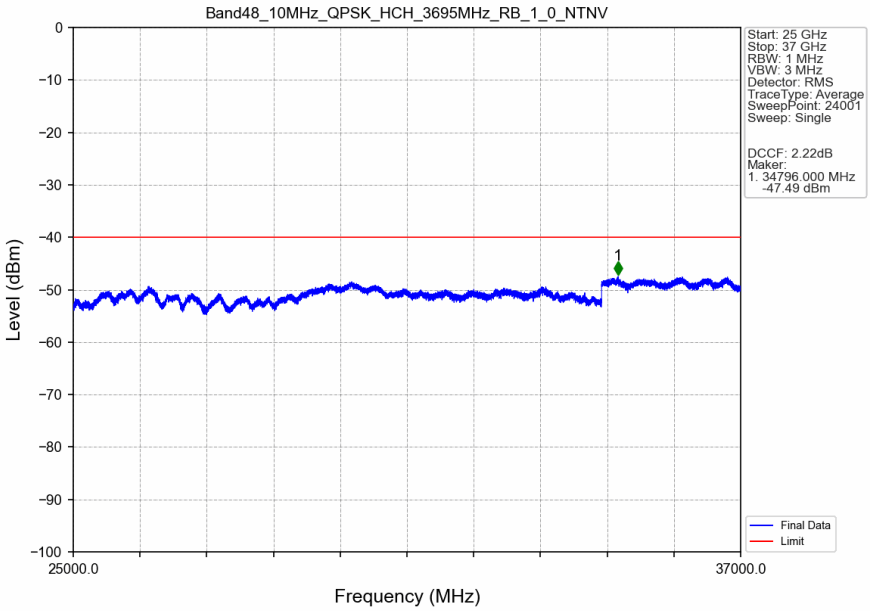
Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV



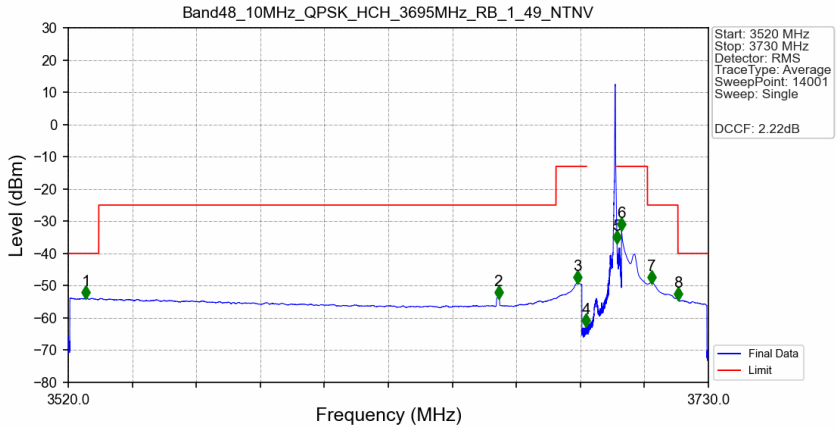

Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV



## Band48_10MHz_QPSK_HCH_3695MHz_RB_1_0_NTNV

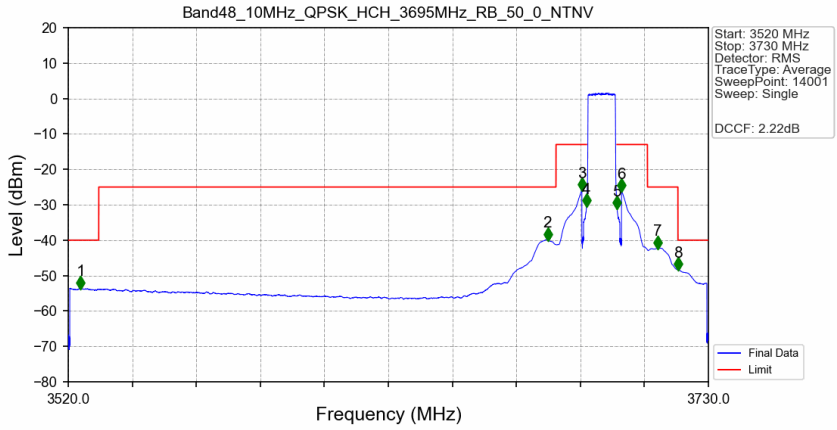



## Band48_10MHz_QPSK_HCH_3695MHz_RB_1_49_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3525.745 | -53.83 | -40 | Pass |
| 3530 | 3680 | 1 | CHP | 2 | 3661.135 | -53.74 | -25 | Pass |
| 3680 | 3689 | 1 | CHP | 3 | 3687.010 | -49.11 | -13 | Pass |
| 3689 | 3690 | 0.03 | / | 4 | 3689.860 | -62.45 | -13 | Pass |
| 3690 | 3700 | 0.03 | / | / | / | / | / | / |
| 3700 | 3701 | 0.03 | / | 5 | 3700.015 | -36.62 | -13 | Pass |
| 3701 | 3710 | 1 | CHP | 6 | 3701.500 | -32.71 | -13 | Pass |
| 3710 | 3720 | 1 | CHP | 7 | 3711.280 | -49.03 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3720.010 | -54.32 | -40 | Pass |

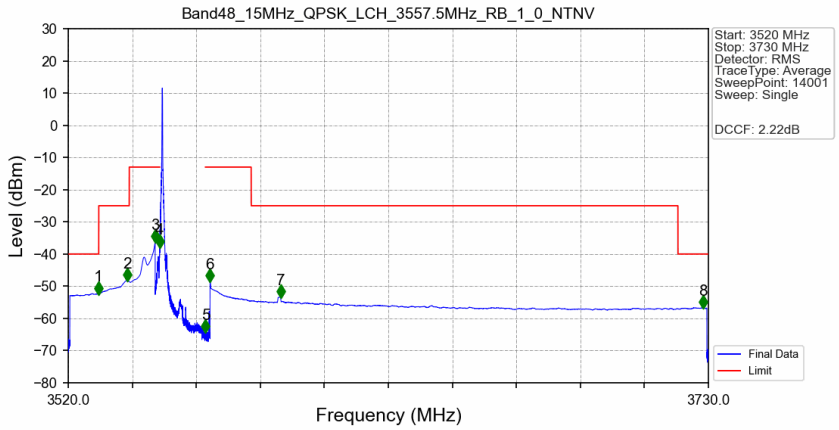
Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3524.080 | -53.54 | -40 | Pass |
| 3530 | 3680 | 1 | CHP | 2 | 3677.275 | -39.82 | -25 | Pass |
| 3680 | 3689 | 1 | CHP | 3 | 3688.495 | -25.86 | -13 | Pass |
| 3689 | 3690 | 0.097 | CHP | 4 | 3689.995 | -30.32 | -13 | Pass |
| 3690 | 3700 | 0.097 | CHP | / | / | / | / | / |
| 3700 | 3701 | 0.097 | CHP | 5 | 3700.015 | -31.01 | -13 | Pass |
| 3701 | 3710 | 1 | CHP | 6 | 3701.500 | -26.02 | -13 | Pass |
| 3710 | 3720 | 1 | CHP | 7 | 3713.380 | -42.22 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3720.010 | -48.30 | -40 | Pass |

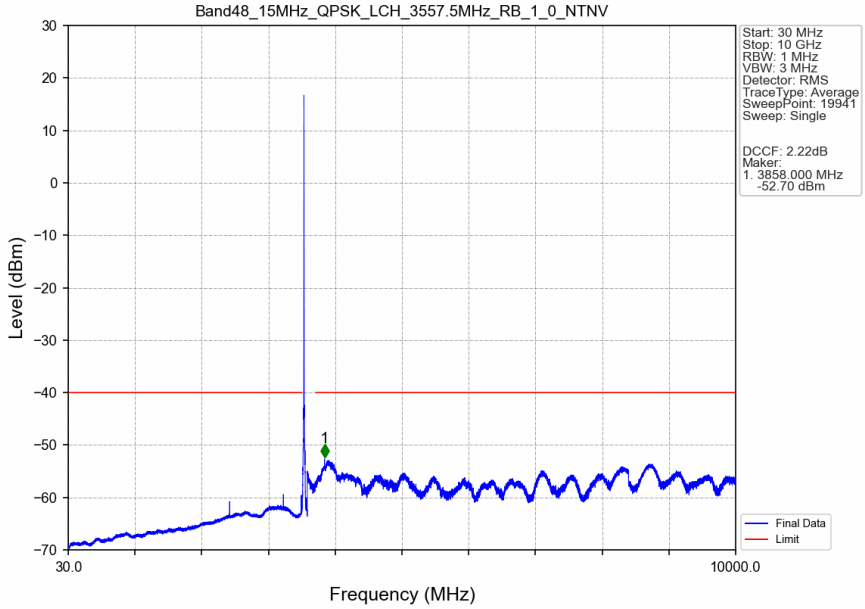
## 5.2.3 B48_15MHz

Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_0_NTNV

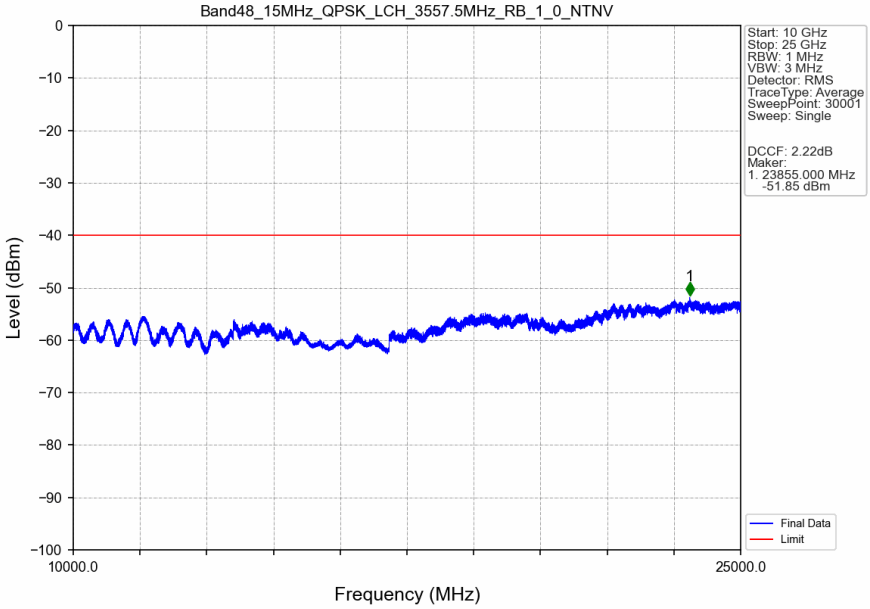



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3529.840 | -52.25 | -40 | Pass |
| 3530 | 3540 | 1 | CHP | 2 | 3539.380 | -48.14 | -25 | Pass |
| 3540 | 3549 | 1 | CHP | 3 | 3548.500 | -36.24 | -13 | Pass |
| 3549 | 3550 | 0.03 | / | 4 | 3549.985 | -37.72 | -13 | Pass |
| 3550 | 3565 | 0.03 | / | / | / | / | / | / |
| 3565 | 3566 | 0.03 | / | 5 | 3565.045 | -64.13 | -13 | Pass |
| 3566 | 3580 | 1 | CHP | 6 | 3566.500 | -48.48 | -13 | Pass |
| 3580 | 3720 | 1 | CHP | 7 | 3589.630 | -53.27 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3728.140 | -56.61 | -40 | Pass |

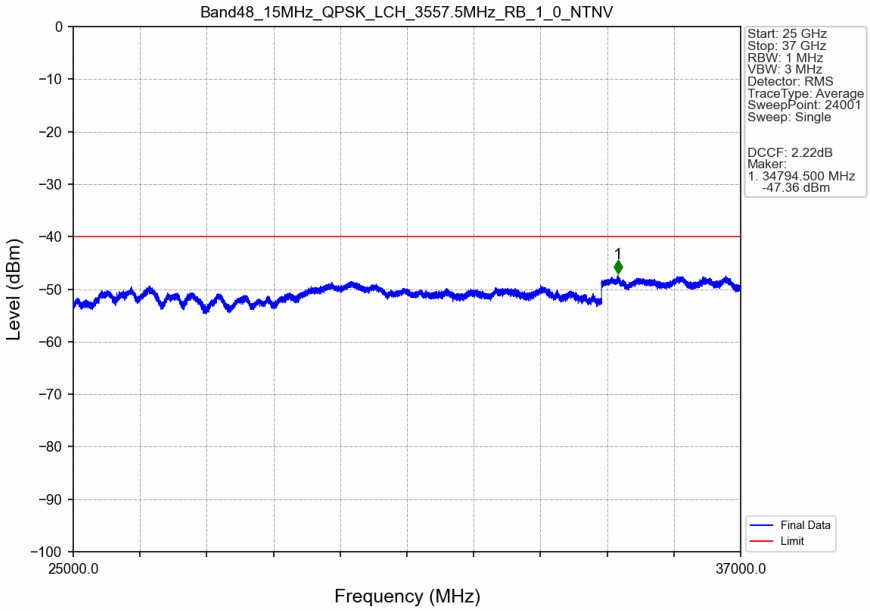
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_0_NTNV



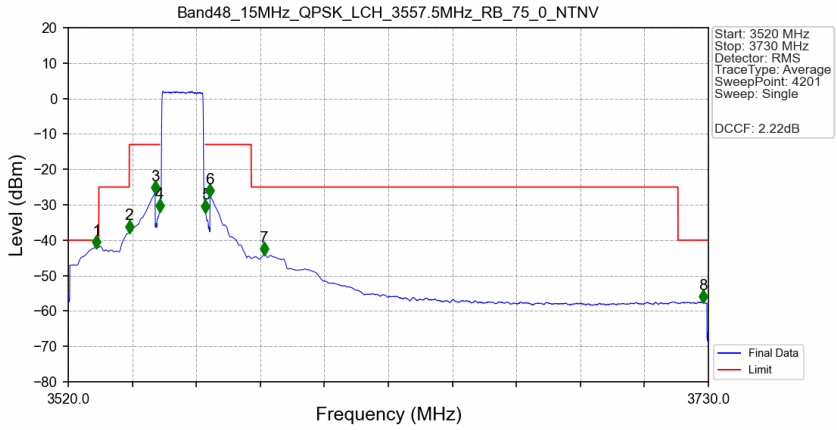
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_0_NTNV




Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_0_NTNV

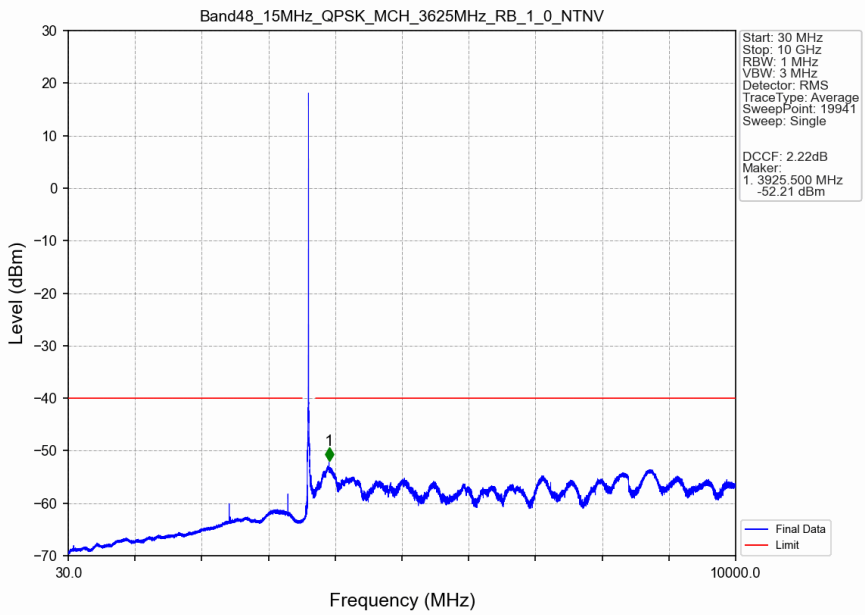


## Band48_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV

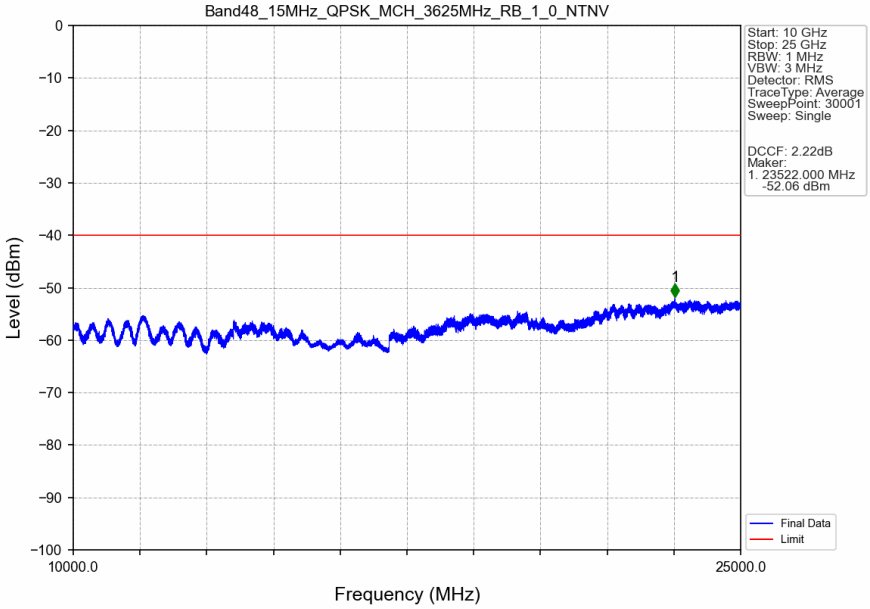



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3529.250 | -42.02 | -40 | Pass |
| 3530 | 3540 | 1 | CHP | 2 | 3540.000 | -37.68 | -25 | Pass |
| 3540 | 3549 | 1 | CHP | 3 | 3548.500 | -26.70 | -13 | Pass |
| 3549 | 3550 | 0.145 | CHP | 4 | 3549.950 | -31.73 | -13 | Pass |
| 3550 | 3565 | 0.145 | CHP | / | / | / | / | / |
| 3565 | 3566 | 0.145 | CHP | 5 | 3565.050 | -31.95 | -13 | Pass |
| 3566 | 3580 | 1 | CHP | 6 | 3566.500 | -27.52 | -13 | Pass |
| 3580 | 3720 | 1 | CHP | 7 | 3584.350 | -44.03 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3728.250 | -57.42 | -40 | Pass |

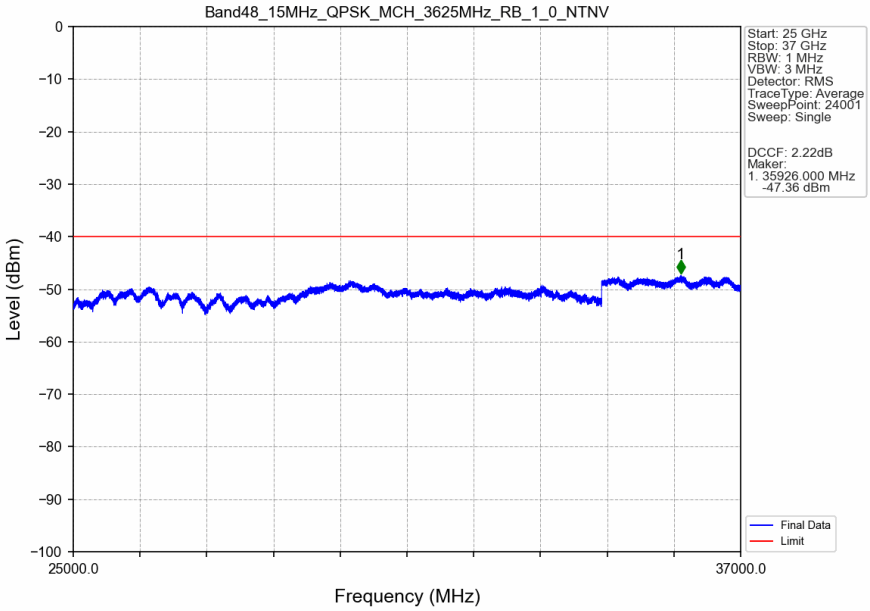
## Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



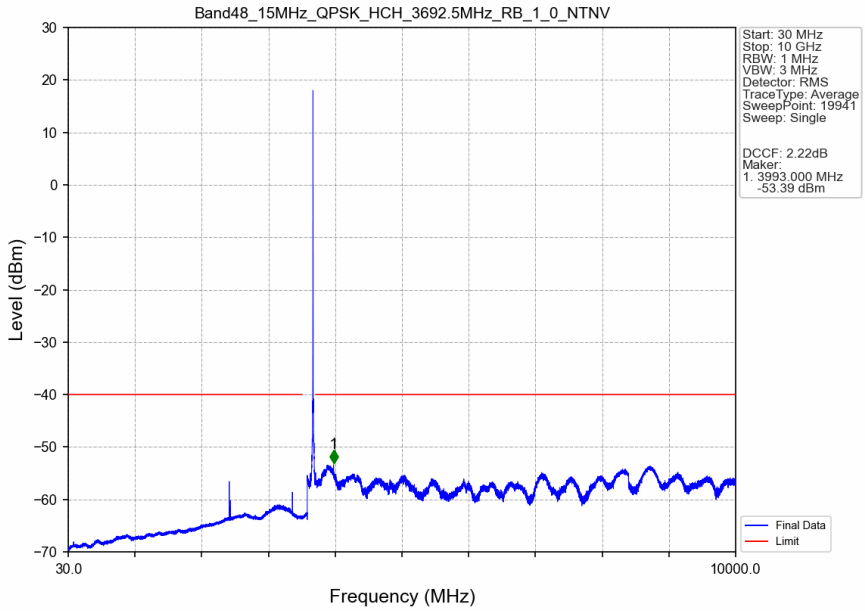
Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



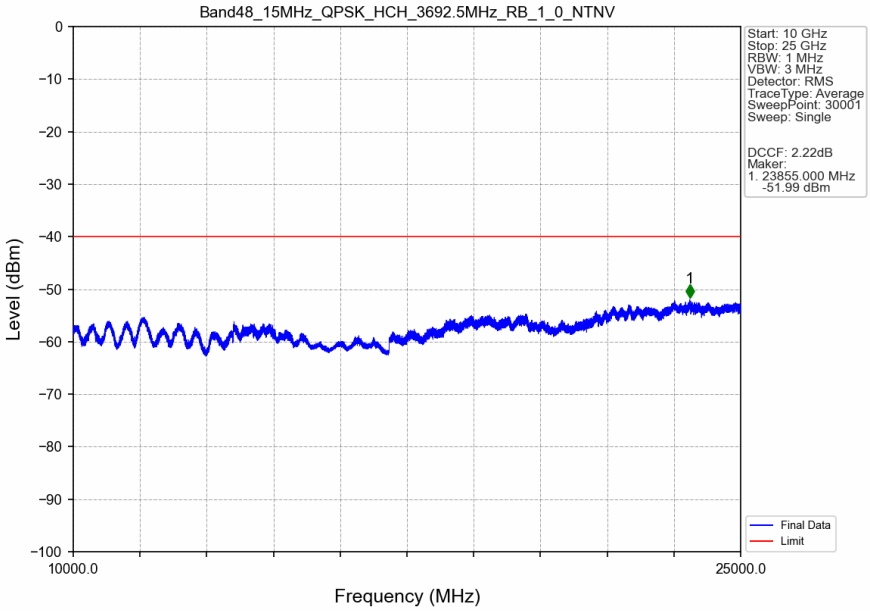

Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



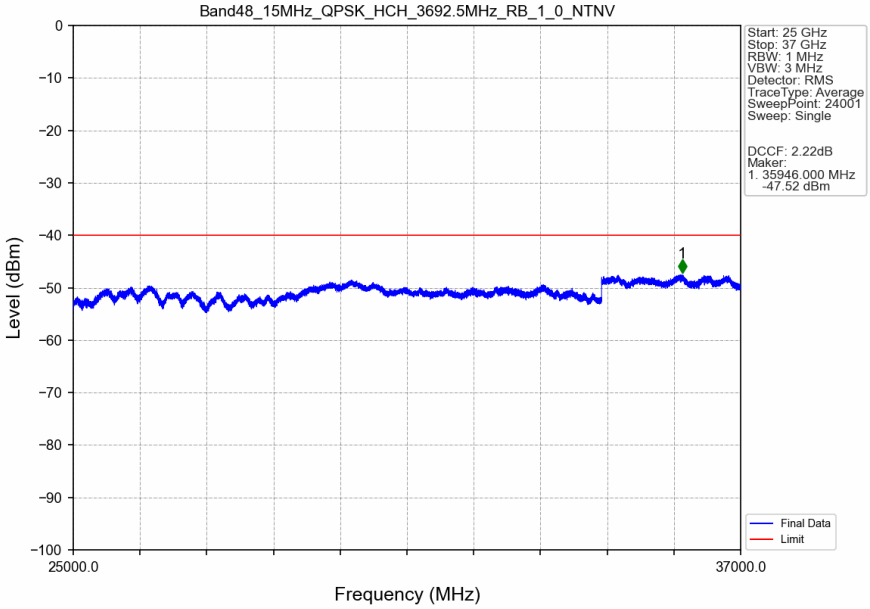
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV



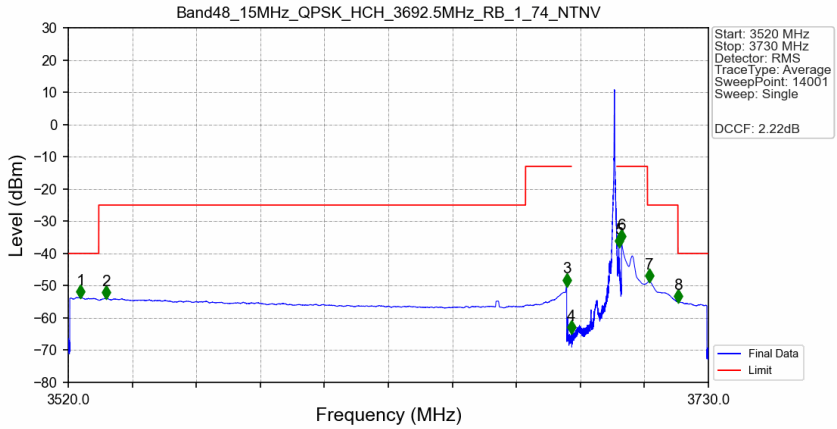

Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV



## Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV

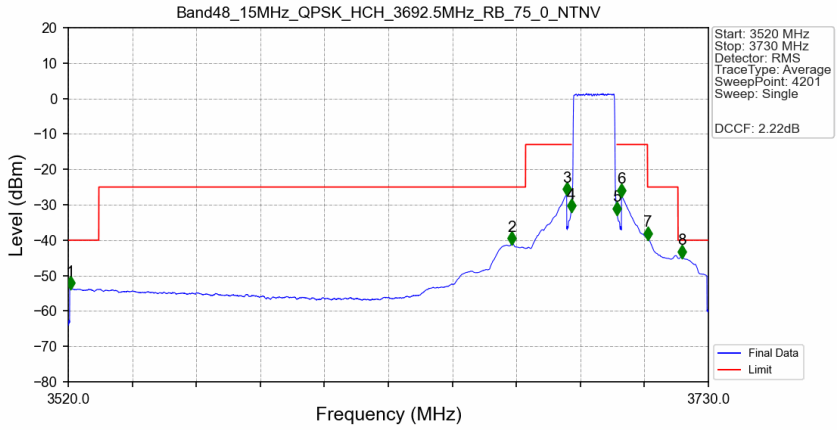



## Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_74_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3524.020 | -53.54 | -40 | Pass |
| 3530 | 3670 | 1 | CHP | 2 | 3532.405 | -53.87 | -25 | Pass |
| 3670 | 3684 | 1 | CHP | 3 | 3683.500 | -49.92 | -13 | Pass |
| 3684 | 3685 | 0.03 | / | 4 | 3684.955 | -64.69 | -13 | Pass |
| 3685 | 3700 | 0.03 | / | / | / | / | / | / |
| 3700 | 3701 | 0.03 | / | 5 | 3700.615 | -37.89 | -13 | Pass |
| 3701 | 3710 | 1 | CHP | 6 | 3701.500 | -36.34 | -13 | Pass |
| 3710 | 3720 | 1 | CHP | 7 | 3710.530 | -48.69 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3720.085 | -55.01 | -40 | Pass |

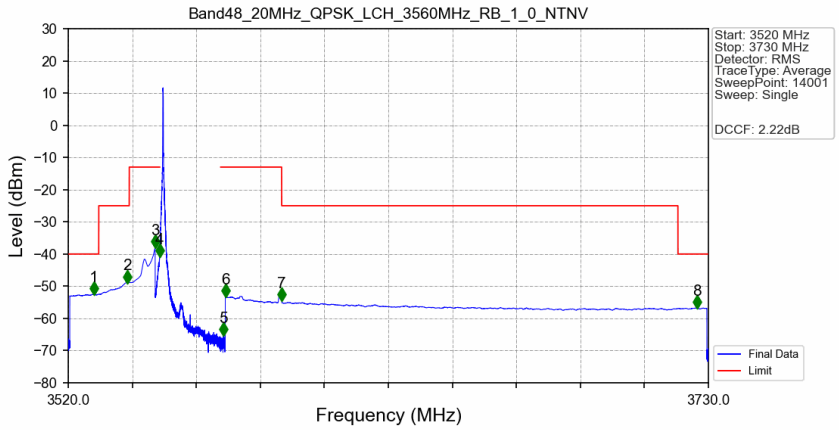
## Band48_15MHz_QPSK_HCH_3692.5MHz_RB_75_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3520.700 | -53.60 | -40 | Pass |
| 3530 | 3670 | 1 | CHP | 2 | 3665.500 | -40.95 | -25 | Pass |
| 3670 | 3684 | 1 | CHP | 3 | 3683.500 | -27.12 | -13 | Pass |
| 3684 | 3685 | 0.145 | CHP | 4 | 3684.950 | -31.83 | -13 | Pass |
| 3685 | 3700 | 0.145 | CHP | / | / | / | / | / |
| 3700 | 3701 | 0.145 | CHP | 5 | 3700.050 | -32.59 | -13 | Pass |
| 3701 | 3710 | 1 | CHP | 6 | 3701.500 | -27.44 | -13 | Pass |
| 3710 | 3720 | 1 | CHP | 7 | 3710.050 | -39.61 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3721.200 | -44.73 | -40 | Pass |

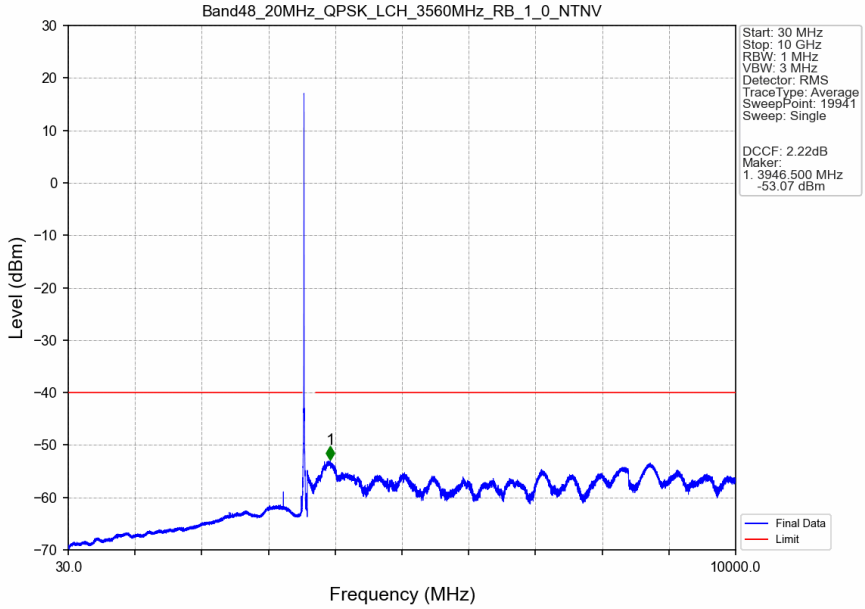
## 5.2.4 B48_20MHz

Band48_20MHz_QPSK_LCH_3560MHz_RB_1_0_NTNV

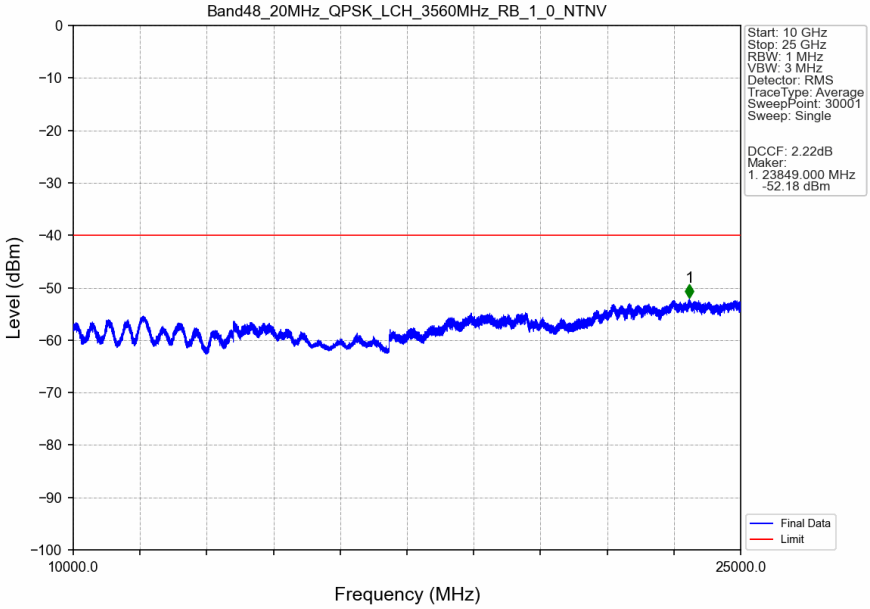



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3528.415 | -52.47 | -40 | Pass |
| 3530 | 3540 | 1 | CHP | 2 | 3539.290 | -48.73 | -25 | Pass |
| 3540 | 3549 | 1 | CHP | 3 | 3548.500 | -37.87 | -13 | Pass |
| 3549 | 3550 | 0.03 | / | 4 | 3549.985 | -40.68 | -13 | Pass |
| 3550 | 3570 | 0.03 | / | / | / | / | / | / |
| 3570 | 3571 | 0.03 | / | 5 | 3570.880 | -65.06 | -13 | Pass |
| 3571 | 3590 | 1 | CHP | 6 | 3571.600 | -53.06 | -13 | Pass |
| 3590 | 3720 | 1 | CHP | 7 | 3590.005 | -54.34 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3726.355 | -56.64 | -40 | Pass |

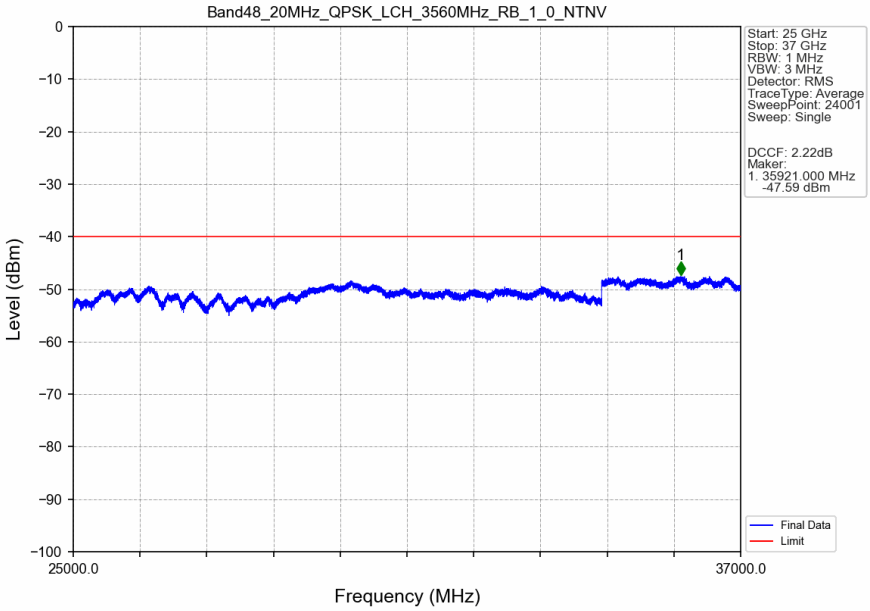
Band48_20MHz_QPSK_LCH_3560MHz_RB_1_0_NTNV



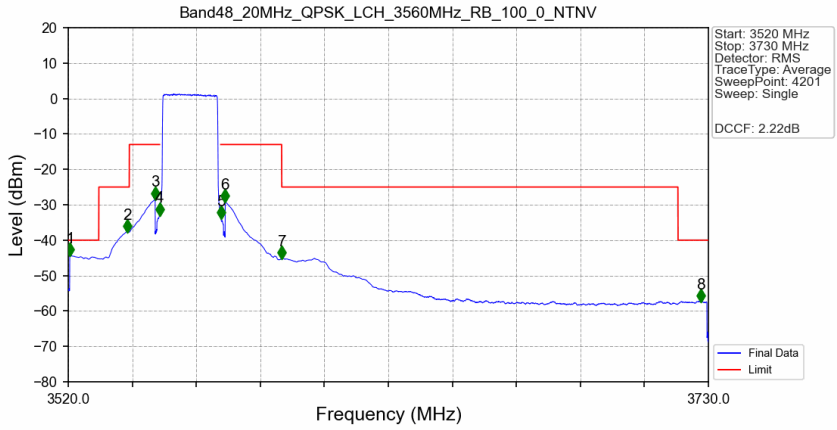
Band48_20MHz_QPSK_LCH_3560MHz_RB_1_0_NTNV




Band48_20MHz_QPSK_LCH_3560MHz_RB_1_0_NTNV

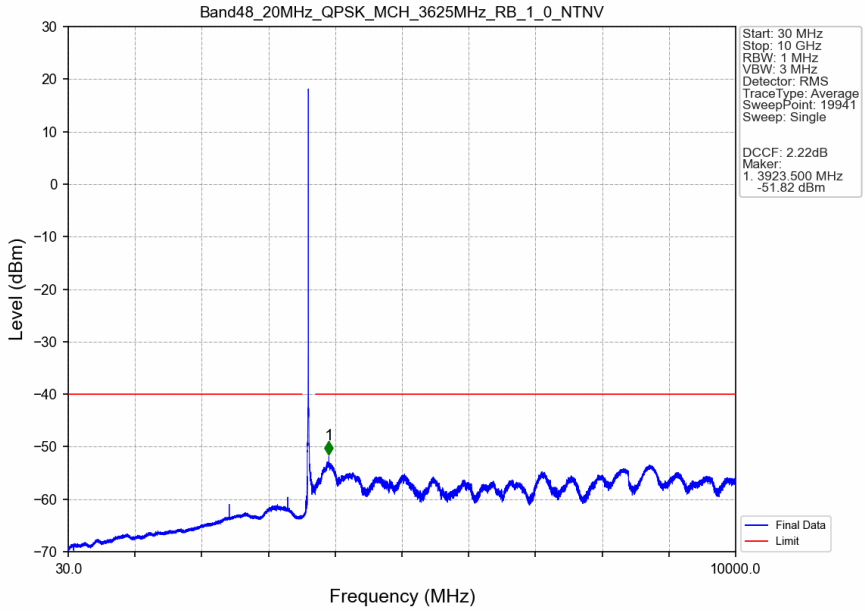


## Band48_20MHz_QPSK_LCH_3560MHz_RB_100_0_NTNV

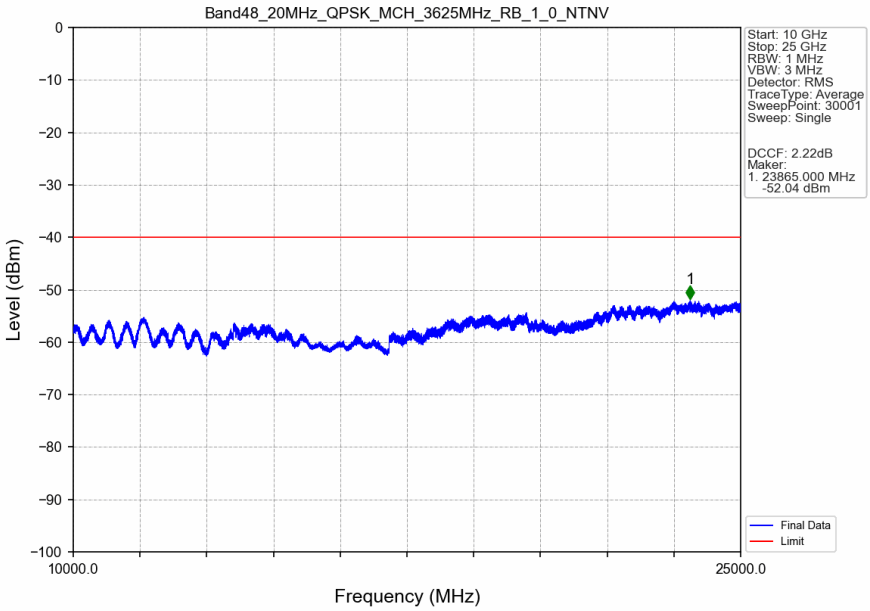



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 3520 | 3530 | 1 | CHP | 1 | 3520.600 | -44.27 | -40 | Pass |
| 3530 | 3540 | 1 | CHP | 2 | 3539.450 | -37.59 | -25 | Pass |
| 3540 | 3549 | 1 | CHP | 3 | 3548.500 | -28.28 | -13 | Pass |
| 3549 | 3550 | 0.194 | CHP | 4 | 3549.950 | -32.82 | -13 | Pass |
| 3550 | 3570 | 0.194 | CHP | / | / | / | / | / |
| 3570 | 3571 | 0.194 | CHP | 5 | 3570.050 | -33.73 | -13 | Pass |
| 3571 | 3590 | 1 | CHP | 6 | 3571.500 | -29.03 | -13 | Pass |
| 3590 | 3720 | 1 | CHP | 7 | 3590.100 | -45.13 | -25 | Pass |
| 3720 | 3730 | 1 | CHP | 8 | 3727.600 | -57.20 | -40 | Pass |

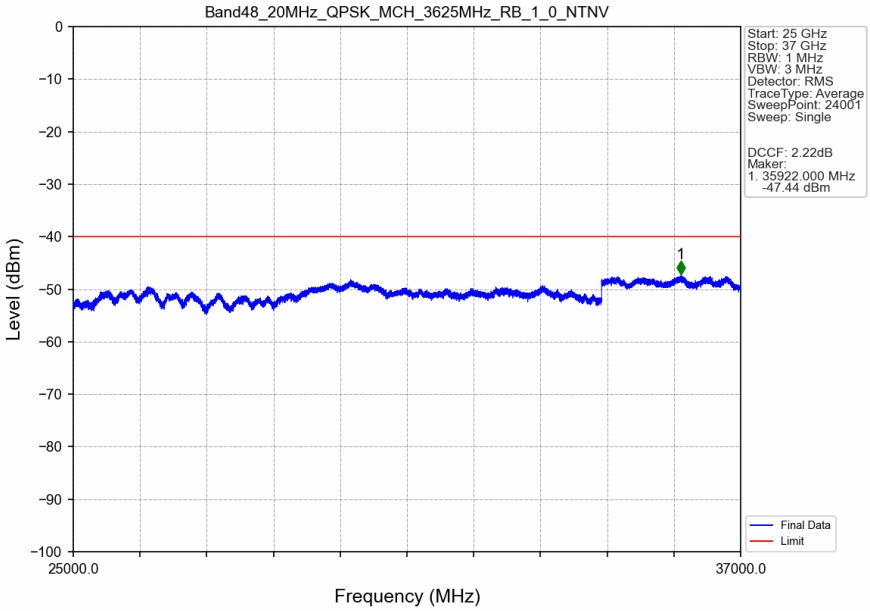
## Band48_20MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



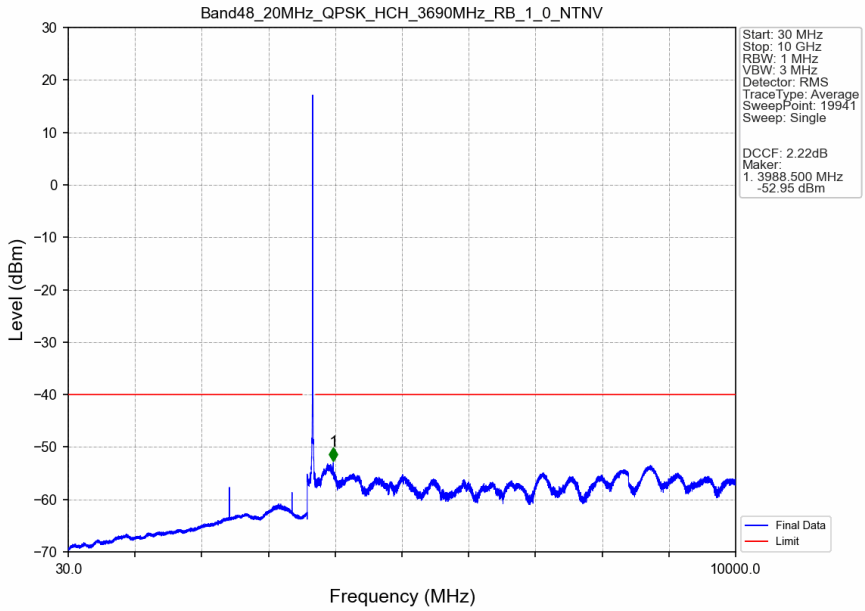
Band48_20MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV

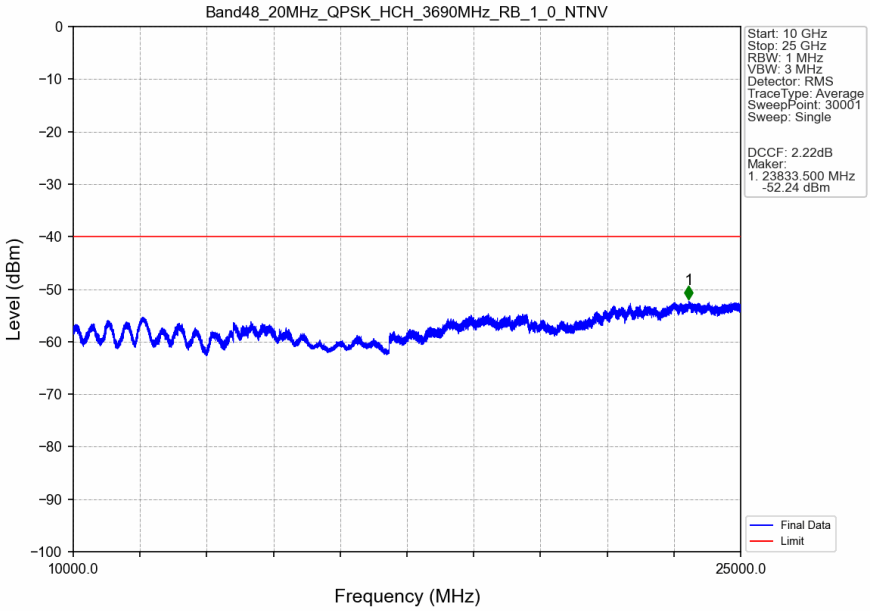



Band48_20MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



Band48_20MHz_QPSK_HCH_3690MHz_RB_1_0_NTNV




Band48_20MHz_QPSK_HCH_3690MHz_RB_1_0_NTNV