# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B41_5MHz_EIRP

| Band: 41 / Bandwidth: 5MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 2498.5 | 1 | 0 | 22.70 | 0.84 | 23.54 | <=33.01 | Pass |
| | | | 13 | 22.96 | 0.84 | 23.80 | <=33.01 | Pass |
| | | | 24 | 22.41 | 0.84 | 23.25 | <=33.01 | Pass |
| | | 12 | 0 | 21.89 | 0.84 | 22.73 | <=33.01 | Pass |
| | | | 6 | 21.87 | 0.84 | 22.71 | <=33.01 | Pass |
| | | | 13 | 21.74 | 0.84 | 22.58 | <=33.01 | Pass |
| | | 25 | 0 | 21.80 | 0.84 | 22.64 | <=33.01 | Pass |
| | 2593 | 1 | 0 | 23.29 | 0.84 | 24.13 | <=33.01 | Pass |
| | | | 13 | 23.62 | 0.84 | 24.46 | <=33.01 | Pass |
| | | | 24 | 23.18 | 0.84 | 24.02 | <=33.01 | Pass |
| | | 12 | 0 | 22.54 | 0.84 | 23.38 | <=33.01 | Pass |
| | | | 6 | 22.60 | 0.84 | 23.44 | <=33.01 | Pass |
| | | | 13 | 22.51 | 0.84 | 23.35 | <=33.01 | Pass |
| | | 25 | 0 | 22.53 | 0.84 | 23.37 | <=33.01 | Pass |
| | 2687.5 | 1 | 0 | 23.18 | 0.84 | 24.02 | <=33.01 | Pass |
| | | | 13 | 23.65 | 0.84 | 24.49 | <=33.01 | Pass |
| | | | 24 | 23.11 | 0.84 | 23.95 | <=33.01 | Pass |
| | | 12 | 0 | 22.55 | 0.84 | 23.39 | <=33.01 | Pass |
| | | | 6 | 22.64 | 0.84 | 23.48 | <=33.01 | Pass |
| | | | 13 | 22.59 | 0.84 | 23.43 | <=33.01 | Pass |
| | | 25 | 0 | 22.39 | 0.84 | 23.23 | <=33.01 | Pass |
| 16QAM | 2498.5 | 1 | 0 | 21.67 | 0.84 | 22.51 | <=33.01 | Pass |
| | | | 13 | 21.98 | 0.84 | 22.82 | <=33.01 | Pass |
| | | | 24 | 21.38 | 0.84 | 22.22 | <=33.01 | Pass |
| | | 12 | 0 | 20.80 | 0.84 | 21.64 | <=33.01 | Pass |
| | | | 6 | 20.78 | 0.84 | 21.62 | <=33.01 | Pass |
| | | | 13 | 20.65 | 0.84 | 21.49 | <=33.01 | Pass |
| | | 25 | 0 | 20.78 | 0.84 | 21.62 | <=33.01 | Pass |
| | 2593 | 1 | 0 | 22.30 | 0.84 | 23.14 | <=33.01 | Pass |
| | | | 13 | 22.70 | 0.84 | 23.54 | <=33.01 | Pass |
| | | | 24 | 22.29 | 0.84 | 23.13 | <=33.01 | Pass |
| | | 12 | 0 | 21.49 | 0.84 | 22.33 | <=33.01 | Pass |
| | | | 6 | 21.54 | 0.84 | 22.38 | <=33.01 | Pass |
| | | | 13 | 21.46 | 0.84 | 22.30 | <=33.01 | Pass |
| | | 25 | 0 | 21.54 | 0.84 | 22.38 | <=33.01 | Pass |
| | 2687.5 | 1 | 0 | 22.23 | 0.84 | 23.07 | <=33.01 | Pass |
| | | | 13 | 22.76 | 0.84 | 23.60 | <=33.01 | Pass |
| | | | 24 | 22.23 | 0.84 | 23.07 | <=33.01 | Pass |
| | | 12 | 0 | 21.55 | 0.84 | 22.39 | <=33.01 | Pass |
| | | | 6 | 21.63 | 0.84 | 22.47 | <=33.01 | Pass |
| | | | 13 | 21.58 | 0.84 | 22.42 | <=33.01 | Pass |
| | | 25 | 0 | 21.59 | 0.84 | 22.43 | <=33.01 | Pass |
| 64QAM | 2498.5 | 1 | 0 | 21.12 | 0.84 | 21.96 | <=33.01 | Pass |
| | | | 13 | 21.48 | 0.84 | 22.32 | <=33.01 | Pass |
| | | | 24 | 21.12 | 0.84 | 21.96 | <=33.01 | Pass |
| | | 12 | 0 | 20.79 | 0.84 | 21.63 | <=33.01 | Pass |
| | | | 6 | 20.78 | 0.84 | 21.62 | <=33.01 | Pass |
| | | | 13 | 20.66 | 0.84 | 21.50 | <=33.01 | Pass |
| | | 25 | 0 | 20.71 | 0.84 | 21.55 | <=33.01 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 2593 | 1 | 0 | 22.05 | 0.84 | 22.89 | <=33.01 | Pass |
| | | | 13 | 22.43 | 0.84 | 23.27 | <=33.01 | Pass |
| | | | 24 | 21.91 | 0.84 | 22.75 | <=33.01 | Pass |
| | | 12 | 0 | 21.50 | 0.84 | 22.34 | <=33.01 | Pass |
| | | | 6 | 21.57 | 0.84 | 22.41 | <=33.01 | Pass |
| | | | 13 | 21.49 | 0.84 | 22.33 | <=33.01 | Pass |
| | | 25 | 0 | 21.41 | 0.84 | 22.25 | <=33.01 | Pass |
| | 2687.5 | 1 | 0 | 21.65 | 0.84 | 22.49 | <=33.01 | Pass |
| | | | 13 | 22.00 | 0.84 | 22.84 | <=33.01 | Pass |
| | | | 24 | 21.27 | 0.84 | 22.11 | <=33.01 | Pass |
| | | 12 | 0 | 21.56 | 0.84 | 22.40 | <=33.01 | Pass |
| | | | 6 | 21.66 | 0.84 | 22.50 | <=33.01 | Pass |
| | | | 13 | 21.61 | 0.84 | 22.45 | <=33.01 | Pass |
| | | 25 | 0 | 21.55 | 0.84 | 22.39 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.2 B41_10MHz_EIRP

| Band: 41 / Bandwidth: 10MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 2501 | 1 | 0 | 22.74 | 0.84 | 23.58 | <=33.01 | Pass |
| | | | 25 | 22.63 | 0.84 | 23.47 | <=33.01 | Pass |
| | | | 49 | 22.23 | 0.84 | 23.07 | <=33.01 | Pass |
| | | 25 | 0 | 21.79 | 0.84 | 22.63 | <=33.01 | Pass |
| | | | 13 | 21.59 | 0.84 | 22.43 | <=33.01 | Pass |
| | | | 25 | 21.30 | 0.84 | 22.14 | <=33.01 | Pass |
| | | 50 | 0 | 21.57 | 0.84 | 22.41 | <=33.01 | Pass |
| | 2593 | 1 | 0 | 23.21 | 0.84 | 24.05 | <=33.01 | Pass |
| | | | 25 | 23.53 | 0.84 | 24.37 | <=33.01 | Pass |
| | | | 49 | 23.20 | 0.84 | 24.04 | <=33.01 | Pass |
| | | 25 | 0 | 22.22 | 0.84 | 23.06 | <=33.01 | Pass |
| | | | 13 | 22.53 | 0.84 | 23.37 | <=33.01 | Pass |
| | | | 25 | 22.53 | 0.84 | 23.37 | <=33.01 | Pass |
| | | 50 | 0 | 22.53 | 0.84 | 23.37 | <=33.01 | Pass |
| | 2685 | 1 | 0 | 23.37 | 0.84 | 24.21 | <=33.01 | Pass |
| | | | 25 | 23.54 | 0.84 | 24.38 | <=33.01 | Pass |
| | | | 49 | 23.23 | 0.84 | 24.07 | <=33.01 | Pass |
| | | 25 | 0 | 22.55 | 0.84 | 23.39 | <=33.01 | Pass |
| | | | 13 | 22.63 | 0.84 | 23.47 | <=33.01 | Pass |
| | | | 25 | 22.56 | 0.84 | 23.40 | <=33.01 | Pass |
| | | 50 | 0 | 22.53 | 0.84 | 23.37 | <=33.01 | Pass |
| 16QAM | 2501 | 1 | 0 | 21.79 | 0.84 | 22.63 | <=33.01 | Pass |
| | | | 25 | 21.72 | 0.84 | 22.56 | <=33.01 | Pass |
| | | | 49 | 21.31 | 0.84 | 22.15 | <=33.01 | Pass |
| | | 25 | 0 | 20.77 | 0.84 | 21.61 | <=33.01 | Pass |
| | | | 13 | 20.58 | 0.84 | 21.42 | <=33.01 | Pass |
| | | | 25 | 20.29 | 0.84 | 21.13 | <=33.01 | Pass |
| | | 50 | 0 | 20.67 | 0.84 | 21.51 | <=33.01 | Pass |
| | 2593 | 1 | 0 | 21.85 | 0.84 | 22.69 | <=33.01 | Pass |
| | | | 25 | 22.64 | 0.84 | 23.48 | <=33.01 | Pass |
| | | | 49 | 21.98 | 0.84 | 22.82 | <=33.01 | Pass |
| | | 25 | 0 | 21.21 | 0.84 | 22.05 | <=33.01 | Pass |
| | | | 13 | 21.54 | 0.84 | 22.38 | <=33.01 | Pass |
| | | | 25 | 21.54 | 0.84 | 22.38 | <=33.01 | Pass |
| | | 50 | 0 | 21.59 | 0.84 | 22.43 | <=33.01 | Pass |
| | 2685 | 1 | 0 | 22.44 | 0.84 | 23.28 | <=33.01 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 25 | 22.66 | 0.84 | 23.50 | <=33.01 | Pass |
| | | | 49 | 22.36 | 0.84 | 23.20 | <=33.01 | Pass |
| | | 25 | 0 | 21.57 | 0.84 | 22.41 | <=33.01 | Pass |
| | | | 13 | 21.66 | 0.84 | 22.50 | <=33.01 | Pass |
| | | | 25 | 21.61 | 0.84 | 22.45 | <=33.01 | Pass |
| | | 50 | 0 | 21.25 | 0.84 | 22.09 | <=33.01 | Pass |
| 64QAM | 2501 | 1 | 0 | 21.45 | 0.84 | 22.29 | <=33.01 | Pass |
| | | | 25 | 21.35 | 0.84 | 22.19 | <=33.01 | Pass |
| | | | 49 | 20.96 | 0.84 | 21.80 | <=33.01 | Pass |
| | | 25 | 0 | 20.73 | 0.84 | 21.57 | <=33.01 | Pass |
| | | | 13 | 20.51 | 0.84 | 21.35 | <=33.01 | Pass |
| | | | 25 | 20.24 | 0.84 | 21.08 | <=33.01 | Pass |
| | | 50 | 0 | 20.62 | 0.84 | 21.46 | <=33.01 | Pass |
| | 2593 | 1 | 0 | 21.68 | 0.84 | 22.52 | <=33.01 | Pass |
| | | | 25 | 22.32 | 0.84 | 23.16 | <=33.01 | Pass |
| | | | 49 | 21.59 | 0.84 | 22.43 | <=33.01 | Pass |
| | | 25 | 0 | 21.16 | 0.84 | 22.00 | <=33.01 | Pass |
| | | | 13 | 21.48 | 0.84 | 22.32 | <=33.01 | Pass |
| | | | 25 | 21.49 | 0.84 | 22.33 | <=33.01 | Pass |
| | | 50 | 0 | 21.53 | 0.84 | 22.37 | <=33.01 | Pass |
| | 2685 | 1 | 0 | 22.08 | 0.84 | 22.92 | <=33.01 | Pass |
| | | | 25 | 22.25 | 0.84 | 23.09 | <=33.01 | Pass |
| | | | 49 | 21.89 | 0.84 | 22.73 | <=33.01 | Pass |
| | | 25 | 0 | 21.53 | 0.84 | 22.37 | <=33.01 | Pass |
| | | | 13 | 21.61 | 0.84 | 22.45 | <=33.01 | Pass |
| | | | 25 | 21.56 | 0.84 | 22.40 | <=33.01 | Pass |
| | | 50 | 0 | 21.53 | 0.84 | 22.37 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.3 B41_15MHz_EIRP

| Band: 41 / Bandwidth: 15MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 2503.5 | 1 | 0 | 22.47 | 0.84 | 23.31 | <=33.01 | Pass |
| | | | 38 | 22.52 | 0.84 | 23.36 | <=33.01 | Pass |
| | | | 74 | 21.81 | 0.84 | 22.65 | <=33.01 | Pass |
| | | 36 | 0 | 21.57 | 0.84 | 22.41 | <=33.01 | Pass |
| | | | 18 | 21.37 | 0.84 | 22.21 | <=33.01 | Pass |
| | | | 39 | 21.02 | 0.84 | 21.86 | <=33.01 | Pass |
| | | 75 | 0 | 21.19 | 0.84 | 22.03 | <=33.01 | Pass |
| | 2593 | 1 | 0 | 22.82 | 0.84 | 23.66 | <=33.01 | Pass |
| | | | 38 | 23.47 | 0.84 | 24.31 | <=33.01 | Pass |
| | | | 74 | 23.05 | 0.84 | 23.89 | <=33.01 | Pass |
| | | 36 | 0 | 22.11 | 0.84 | 22.95 | <=33.01 | Pass |
| | | | 18 | 22.52 | 0.84 | 23.36 | <=33.01 | Pass |
| | | | 39 | 22.17 | 0.84 | 23.01 | <=33.01 | Pass |
| | | 75 | 0 | 22.10 | 0.84 | 22.94 | <=33.01 | Pass |
| | 2682.5 | 1 | 0 | 23.17 | 0.84 | 24.01 | <=33.01 | Pass |
| | | | 38 | 23.48 | 0.84 | 24.32 | <=33.01 | Pass |
| | | | 74 | 23.10 | 0.84 | 23.94 | <=33.01 | Pass |
| | | 36 | 0 | 22.50 | 0.84 | 23.34 | <=33.01 | Pass |
| | | | 18 | 22.55 | 0.84 | 23.39 | <=33.01 | Pass |
| | | | 39 | 22.49 | 0.84 | 23.33 | <=33.01 | Pass |
| | | 75 | 0 | 22.47 | 0.84 | 23.31 | <=33.01 | Pass |
| 16QAM | 2503.5 | 1 | 0 | 21.48 | 0.84 | 22.32 | <=33.01 | Pass |
| | | | 38 | 21.62 | 0.84 | 22.46 | <=33.01 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 74 | 20.92 | 0.84 | 21.76 | <=33.01 | Pass |
| | | 36 | 0 | 20.53 | 0.84 | 21.37 | <=33.01 | Pass |
| | | | 18 | 20.33 | 0.84 | 21.17 | <=33.01 | Pass |
| | | | 39 | 19.98 | 0.84 | 20.82 | <=33.01 | Pass |
| | | 75 | 0 | 20.21 | 0.84 | 21.05 | <=33.01 | Pass |
| | 2593 | 1 | 0 | 21.98 | 0.84 | 22.82 | <=33.01 | Pass |
| | | | 38 | 22.57 | 0.84 | 23.41 | <=33.01 | Pass |
| | | | 74 | 21.72 | 0.84 | 22.56 | <=33.01 | Pass |
| | | 36 | 0 | 21.06 | 0.84 | 21.90 | <=33.01 | Pass |
| | | | 18 | 21.47 | 0.84 | 22.31 | <=33.01 | Pass |
| | | | 39 | 21.15 | 0.84 | 21.99 | <=33.01 | Pass |
| | | 75 | 0 | 21.13 | 0.84 | 21.97 | <=33.01 | Pass |
| | 2682.5 | 1 | 0 | 22.24 | 0.84 | 23.08 | <=33.01 | Pass |
| | | | 38 | 22.61 | 0.84 | 23.45 | <=33.01 | Pass |
| | | | 74 | 22.25 | 0.84 | 23.09 | <=33.01 | Pass |
| | | 36 | 0 | 21.35 | 0.84 | 22.19 | <=33.01 | Pass |
| | | | 18 | 21.30 | 0.84 | 22.14 | <=33.01 | Pass |
| | | | 39 | 21.50 | 0.84 | 22.34 | <=33.01 | Pass |
| | | 75 | 0 | 21.52 | 0.84 | 22.36 | <=33.01 | Pass |
| 64QAM | 2503.5 | 1 | 0 | 21.20 | 0.84 | 22.04 | <=33.01 | Pass |
| | | | 38 | 21.25 | 0.84 | 22.09 | <=33.01 | Pass |
| | | | 74 | 20.41 | 0.84 | 21.25 | <=33.01 | Pass |
| | | 36 | 0 | 20.57 | 0.84 | 21.41 | <=33.01 | Pass |
| | | | 18 | 20.35 | 0.84 | 21.19 | <=33.01 | Pass |
| | | | 39 | 20.01 | 0.84 | 20.85 | <=33.01 | Pass |
| | | 75 | 0 | 20.21 | 0.84 | 21.05 | <=33.01 | Pass |
| | 2593 | 1 | 0 | 21.51 | 0.84 | 22.35 | <=33.01 | Pass |
| | | | 38 | 22.28 | 0.84 | 23.12 | <=33.01 | Pass |
| | | | 74 | 21.54 | 0.84 | 22.38 | <=33.01 | Pass |
| | | 36 | 0 | 21.08 | 0.84 | 21.92 | <=33.01 | Pass |
| | | | 18 | 21.50 | 0.84 | 22.34 | <=33.01 | Pass |
| | | | 39 | 21.16 | 0.84 | 22.00 | <=33.01 | Pass |
| | | 75 | 0 | 21.12 | 0.84 | 21.96 | <=33.01 | Pass |
| | 2682.5 | 1 | 0 | 21.86 | 0.84 | 22.70 | <=33.01 | Pass |
| | | | 38 | 22.18 | 0.84 | 23.02 | <=33.01 | Pass |
| | | | 74 | 21.76 | 0.84 | 22.60 | <=33.01 | Pass |
| | | 36 | 0 | 21.50 | 0.84 | 22.34 | <=33.01 | Pass |
| | | | 18 | 21.45 | 0.84 | 22.29 | <=33.01 | Pass |
| | | | 39 | 21.51 | 0.84 | 22.35 | <=33.01 | Pass |
| | | 75 | 0 | 21.52 | 0.84 | 22.36 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.1.4 B41_20MHz_EIRP

| Band: 41 / Bandwidth: 20MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 2506 | 1 | 0 | 21.98 | 0.84 | 22.82 | <=33.01 | Pass |
| | | | 50 | 22.49 | 0.84 | 23.33 | <=33.01 | Pass |
| | | | 99 | 22.11 | 0.84 | 22.95 | <=33.01 | Pass |
| | | 50 | 0 | 21.33 | 0.84 | 22.17 | <=33.01 | Pass |
| | | | 25 | 21.27 | 0.84 | 22.11 | <=33.01 | Pass |
| | | | 50 | 20.78 | 0.84 | 21.62 | <=33.01 | Pass |
| | | 100 | 0 | 20.94 | 0.84 | 21.78 | <=33.01 | Pass |
| | 2593 | 1 | 0 | 22.48 | 0.84 | 23.32 | <=33.01 | Pass |
| | | | 50 | 23.60 | 0.84 | 24.44 | <=33.01 | Pass |
| | | | 99 | 23.13 | 0.84 | 23.97 | <=33.01 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 50 | 0 | 22.01 | 0.84 | 22.85 | <=33.01 | Pass |
| | | | 25 | 22.50 | 0.84 | 23.34 | <=33.01 | Pass |
| | | | 50 | 22.08 | 0.84 | 22.92 | <=33.01 | Pass |
| | | 100 | 0 | 22.00 | 0.84 | 22.84 | <=33.01 | Pass |
| | 2680 | 1 | 0 | 22.72 | 0.84 | 23.56 | <=33.01 | Pass |
| | | | 50 | 23.64 | 0.84 | 24.48 | <=33.01 | Pass |
| | | | 99 | 23.23 | 0.84 | 24.07 | <=33.01 | Pass |
| | | 50 | 0 | 22.36 | 0.84 | 23.20 | <=33.01 | Pass |
| | | | 25 | 22.57 | 0.84 | 23.41 | <=33.01 | Pass |
| | | | 50 | 22.36 | 0.84 | 23.20 | <=33.01 | Pass |
| | | 100 | 0 | 22.42 | 0.84 | 23.26 | <=33.01 | Pass |
| 16QAM | 2506 | 1 | 0 | 21.03 | 0.84 | 21.87 | <=33.01 | Pass |
| | | | 50 | 21.47 | 0.84 | 22.31 | <=33.01 | Pass |
| | | | 99 | 21.19 | 0.84 | 22.03 | <=33.01 | Pass |
| | | 50 | 0 | 20.35 | 0.84 | 21.19 | <=33.01 | Pass |
| | | | 25 | 20.29 | 0.84 | 21.13 | <=33.01 | Pass |
| | | | 50 | 19.79 | 0.84 | 20.63 | <=33.01 | Pass |
| | | 100 | 0 | 19.93 | 0.84 | 20.77 | <=33.01 | Pass |
| | 2593 | 1 | 0 | 21.52 | 0.84 | 22.36 | <=33.01 | Pass |
| | | | 50 | 22.70 | 0.84 | 23.54 | <=33.01 | Pass |
| | | | 99 | 22.23 | 0.84 | 23.07 | <=33.01 | Pass |
| | | 50 | 0 | 21.03 | 0.84 | 21.87 | <=33.01 | Pass |
| | | | 25 | 21.53 | 0.84 | 22.37 | <=33.01 | Pass |
| | | | 50 | 21.11 | 0.84 | 21.95 | <=33.01 | Pass |
| | | 100 | 0 | 21.03 | 0.84 | 21.87 | <=33.01 | Pass |
| | 2680 | 1 | 0 | 21.78 | 0.84 | 22.62 | <=33.01 | Pass |
| | | | 50 | 22.77 | 0.84 | 23.61 | <=33.01 | Pass |
| | | | 99 | 22.11 | 0.84 | 22.95 | <=33.01 | Pass |
| | | 50 | 0 | 21.41 | 0.84 | 22.25 | <=33.01 | Pass |
| | | | 25 | 21.63 | 0.84 | 22.47 | <=33.01 | Pass |
| | | | 50 | 21.41 | 0.84 | 22.25 | <=33.01 | Pass |
| | | 100 | 0 | 21.48 | 0.84 | 22.32 | <=33.01 | Pass |
| 64QAM | 2506 | 1 | 0 | 20.67 | 0.84 | 21.51 | <=33.01 | Pass |
| | | | 50 | 21.30 | 0.84 | 22.14 | <=33.01 | Pass |
| | | | 99 | 20.73 | 0.84 | 21.57 | <=33.01 | Pass |
| | | 50 | 0 | 20.30 | 0.84 | 21.14 | <=33.01 | Pass |
| | | | 25 | 20.24 | 0.84 | 21.08 | <=33.01 | Pass |
| | | | 50 | 19.74 | 0.84 | 20.58 | <=33.01 | Pass |
| | | 100 | 0 | 19.97 | 0.84 | 20.81 | <=33.01 | Pass |
| | 2593 | 1 | 0 | 20.81 | 0.84 | 21.65 | <=33.01 | Pass |
| | | | 50 | 22.40 | 0.84 | 23.24 | <=33.01 | Pass |
| | | | 99 | 21.63 | 0.84 | 22.47 | <=33.01 | Pass |
| | | 50 | 0 | 20.48 | 0.84 | 21.32 | <=33.01 | Pass |
| | | | 25 | 21.48 | 0.84 | 22.32 | <=33.01 | Pass |
| | | | 50 | 21.06 | 0.84 | 21.90 | <=33.01 | Pass |
| | | 100 | 0 | 21.06 | 0.84 | 21.90 | <=33.01 | Pass |
| | 2680 | 1 | 0 | 21.31 | 0.84 | 22.15 | <=33.01 | Pass |
| | | | 50 | 22.15 | 0.84 | 22.99 | <=33.01 | Pass |
| | | | 99 | 22.07 | 0.84 | 22.91 | <=33.01 | Pass |
| | | 50 | 0 | 21.36 | 0.84 | 22.20 | <=33.01 | Pass |
| | | | 25 | 21.57 | 0.84 | 22.41 | <=33.01 | Pass |
| | | | 50 | 21.36 | 0.84 | 22.20 | <=33.01 | Pass |
| | | 100 | 0 | 21.51 | 0.84 | 22.35 | <=33.01 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

# 2. Frequency Stability

## 2.1 Test Result

### 2.1.1 B41_5MHz

| Band: 41 / Bandwidth: 5MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 2498.5 | 25 | 0 | 20 | 20.4 | 5.800 | 0.0023 | -2.5 to 2.5 | Pass |
| | | | | | 24 | 0.900 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | | 27.6 | 9.100 | 0.0036 | -2.5 to 2.5 | Pass |
| | | | | -30 | 24 | 4.000 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | -20 | 24 | -2.900 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | -10 | 24 | 0.400 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 0 | 24 | 8.300 | 0.0033 | -2.5 to 2.5 | Pass |
| | | | | 10 | 24 | 6.000 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | 30 | 24 | 5.400 | 0.0022 | -2.5 to 2.5 | Pass |
| | | | | 40 | 24 | 7.000 | 0.0028 | -2.5 to 2.5 | Pass |
| | | | | 50 | 24 | -0.400 | -0.0002 | -2.5 to 2.5 | Pass |
| | 2593 | 25 | 0 | 20 | 20.4 | -5.600 | -0.0022 | -2.5 to 2.5 | Pass |
| | | | | | 24 | 1.700 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | | 27.6 | 3.700 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | -30 | 24 | 7.400 | 0.0029 | -2.5 to 2.5 | Pass |
| | | | | -20 | 24 | -0.300 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | -10 | 24 | 5.600 | 0.0022 | -2.5 to 2.5 | Pass |
| | | | | 0 | 24 | -0.300 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 10 | 24 | 0.100 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 30 | 24 | 5.700 | 0.0022 | -2.5 to 2.5 | Pass |
| | | | | 40 | 24 | 8.300 | 0.0032 | -2.5 to 2.5 | Pass |
| | | | | 50 | 24 | 2.800 | 0.0011 | -2.5 to 2.5 | Pass |
| | 2687.5 | 25 | 0 | 20 | 20.4 | -0.900 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | | 24 | 7.200 | 0.0027 | -2.5 to 2.5 | Pass |
| | | | | | 27.6 | -2.000 | -0.0007 | -2.5 to 2.5 | Pass |
| | | | | -30 | 24 | 1.600 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | -20 | 24 | -1.100 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | -10 | 24 | 0.600 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | 0 | 24 | 4.100 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | 10 | 24 | 5.100 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 30 | 24 | 9.300 | 0.0035 | -2.5 to 2.5 | Pass |
| | | | | 40 | 24 | 2.800 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 50 | 24 | 7.900 | 0.0029 | -2.5 to 2.5 | Pass |

### 2.1.2 B41_10MHz

| Band: 41 / Bandwidth: 10MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 2501 | 50 | 0 | 20 | 20.4 | 5.600 | 0.0022 | -2.5 to 2.5 | Pass |
| | | | | | 24 | 5.700 | 0.0023 | -2.5 to 2.5 | Pass |
| | | | | | 27.6 | 5.300 | 0.0021 | -2.5 to 2.5 | Pass |
| | | | | -30 | 24 | 3.700 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | -20 | 24 | 3.000 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | -10 | 24 | 6.100 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | 0 | 24 | 4.100 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | 10 | 24 | 7.700 | 0.0031 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | 30 | 24 | 7.600 | 0.0030 | -2.5 to 2.5 | Pass |
| | | | | 40 | 24 | 3.700 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | 50 | 24 | 12.300 | 0.0049 | -2.5 to 2.5 | Pass |
| | 2593 | 50 | 0 | 20 | 20.4 | 4.700 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | | 24 | 0.900 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | | 27.6 | -2.400 | -0.0009 | -2.5 to 2.5 | Pass |
| | | | | -30 | 24 | -0.500 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | -20 | 24 | 1.200 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | -10 | 24 | 3.600 | 0.0014 | -2.5 to 2.5 | Pass |
| | | | | 0 | 24 | 3.900 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | 10 | 24 | 1.600 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 30 | 24 | 1.500 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | 40 | 24 | 4.100 | 0.0016 | -2.5 to 2.5 | Pass |
| | | | | 50 | 24 | 4.300 | 0.0017 | -2.5 to 2.5 | Pass |
| | 2685 | 50 | 0 | 20 | 20.4 | -4.400 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | | 24 | -6.900 | -0.0026 | -2.5 to 2.5 | Pass |
| | | | | | 27.6 | 3.100 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | -30 | 24 | -3.300 | -0.0012 | -2.5 to 2.5 | Pass |
| | | | | -20 | 24 | 2.900 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | -10 | 24 | 1.000 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 0 | 24 | 1.800 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 10 | 24 | 3.100 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | 30 | 24 | -4.800 | -0.0018 | -2.5 to 2.5 | Pass |
| | | | | 40 | 24 | -1.100 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 50 | 24 | 0.900 | 0.0003 | -2.5 to 2.5 | Pass |

## 2.1.3 B41_15MHz

| Band: 41 / Bandwidth: 15MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 2503.5 | 75 | 0 | 20 | 20.4 | 3.200 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | | 24 | 1.000 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | | 27.6 | 8.700 | 0.0035 | -2.5 to 2.5 | Pass |
| | | | | -30 | 24 | -2.600 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | -20 | 24 | -4.000 | -0.0016 | -2.5 to 2.5 | Pass |
| | | | | -10 | 24 | -6.200 | -0.0025 | -2.5 to 2.5 | Pass |
| | | | | 0 | 24 | -1.100 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 10 | 24 | 1.700 | 0.0007 | -2.5 to 2.5 | Pass |
| | | | | 30 | 24 | -2.000 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | 40 | 24 | -5.100 | -0.0020 | -2.5 to 2.5 | Pass |
| | | | | 50 | 24 | -1.500 | -0.0006 | -2.5 to 2.5 | Pass |
| | 2593 | 75 | 0 | 20 | 20.4 | 0.500 | 0.0002 | -2.5 to 2.5 | Pass |
| | | | | | 24 | -1.400 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | | 27.6 | -1.000 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | -30 | 24 | -2.000 | -0.0008 | -2.5 to 2.5 | Pass |
| | | | | -20 | 24 | 5.700 | 0.0022 | -2.5 to 2.5 | Pass |
| | | | | -10 | 24 | -0.500 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | 0 | 24 | -2.600 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | 10 | 24 | 1.400 | 0.0005 | -2.5 to 2.5 | Pass |
| | | | | 30 | 24 | 2.500 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | 40 | 24 | -2.700 | -0.0010 | -2.5 to 2.5 | Pass |
| | | | | 50 | 24 | 1.800 | 0.0007 | -2.5 to 2.5 | Pass |
| | 2682.5 | 75 | 0 | 20 | 20.4 | 4.500 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | | 24 | 4.000 | 0.0015 | -2.5 to 2.5 | Pass |
| | | | | | 27.6 | 1.600 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | -30 | 24 | 4.400 | 0.0016 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -20 | 24 | 9.300 | 0.0035 | -2.5 to 2.5 | Pass |
| | | | | -10 | 24 | 4.500 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | 0 | 24 | 7.100 | 0.0026 | -2.5 to 2.5 | Pass |
| | | | | 10 | 24 | 6.700 | 0.0025 | -2.5 to 2.5 | Pass |
| | | | | 30 | 24 | -0.800 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | 40 | 24 | 9.900 | 0.0037 | -2.5 to 2.5 | Pass |
| | | | | 50 | 24 | 2.400 | 0.0009 | -2.5 to 2.5 | Pass |

## 2.1.4 B41_20MHz

| Band: 41 / Bandwidth: 20MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 2506 | 100 | 0 | 20 | 20.4 | -0.700 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | | 24 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | | 27.6 | -0.700 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | -30 | 24 | 6.600 | 0.0026 | -2.5 to 2.5 | Pass |
| | | | | -20 | 24 | -0.800 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | -10 | 24 | 0.000 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 0 | 24 | 1.100 | 0.0004 | -2.5 to 2.5 | Pass |
| | | | | 10 | 24 | 0.100 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | 30 | 24 | 0.700 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 40 | 24 | 4.600 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | 50 | 24 | -0.200 | -0.0001 | -2.5 to 2.5 | Pass |
| | 2593 | 100 | 0 | 20 | 20.4 | 2.300 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 24 | 2.300 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 27.6 | 1.600 | 0.0006 | -2.5 to 2.5 | Pass |
| | | | | -30 | 24 | 4.400 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | -20 | 24 | -5.000 | -0.0019 | -2.5 to 2.5 | Pass |
| | | | | -10 | 24 | 3.500 | 0.0013 | -2.5 to 2.5 | Pass |
| | | | | 0 | 24 | -1.600 | -0.0006 | -2.5 to 2.5 | Pass |
| | | | | 10 | 24 | -1.000 | -0.0004 | -2.5 to 2.5 | Pass |
| | | | | 30 | 24 | -0.900 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | 40 | 24 | -1.400 | -0.0005 | -2.5 to 2.5 | Pass |
| | | | | 50 | 24 | -4.000 | -0.0015 | -2.5 to 2.5 | Pass |
| | 2680 | 100 | 0 | 20 | 20.4 | 6.400 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | | 24 | 6.300 | 0.0024 | -2.5 to 2.5 | Pass |
| | | | | | 27.6 | 8.500 | 0.0032 | -2.5 to 2.5 | Pass |
| | | | | -30 | 24 | 2.800 | 0.0010 | -2.5 to 2.5 | Pass |
| | | | | -20 | 24 | -0.300 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | -10 | 24 | 5.400 | 0.0020 | -2.5 to 2.5 | Pass |
| | | | | 0 | 24 | 6.900 | 0.0026 | -2.5 to 2.5 | Pass |
| | | | | 10 | 24 | 0.400 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 30 | 24 | 2.400 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 40 | 24 | 4.800 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | 50 | 24 | 0.200 | 0.0001 | -2.5 to 2.5 | Pass |

# 3. 99% & 26dB Bandwidth

## 3.1 Test Result

### 3.1.1 Band41_OBW

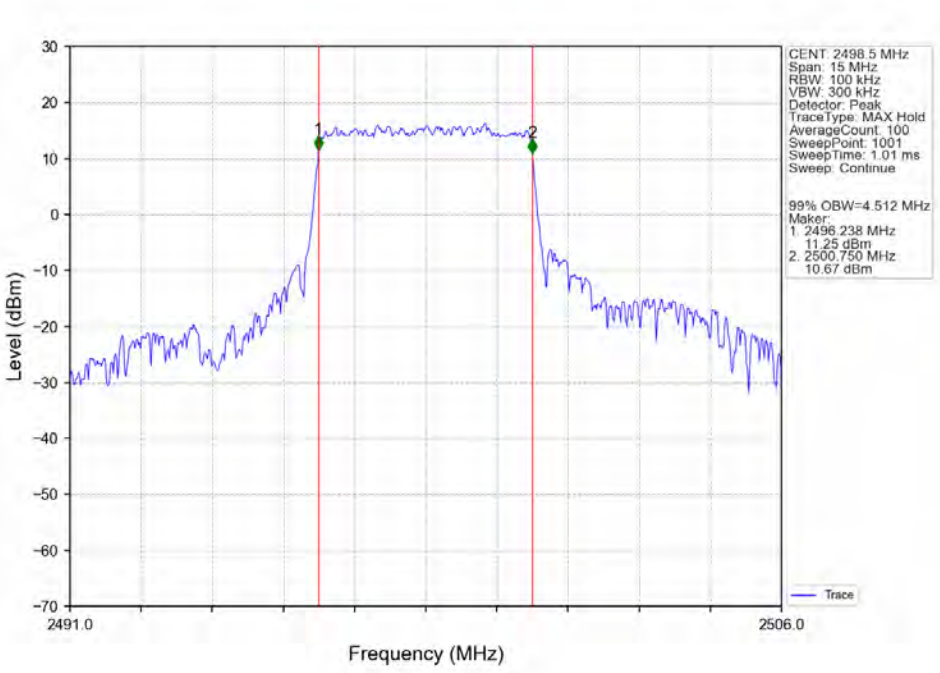
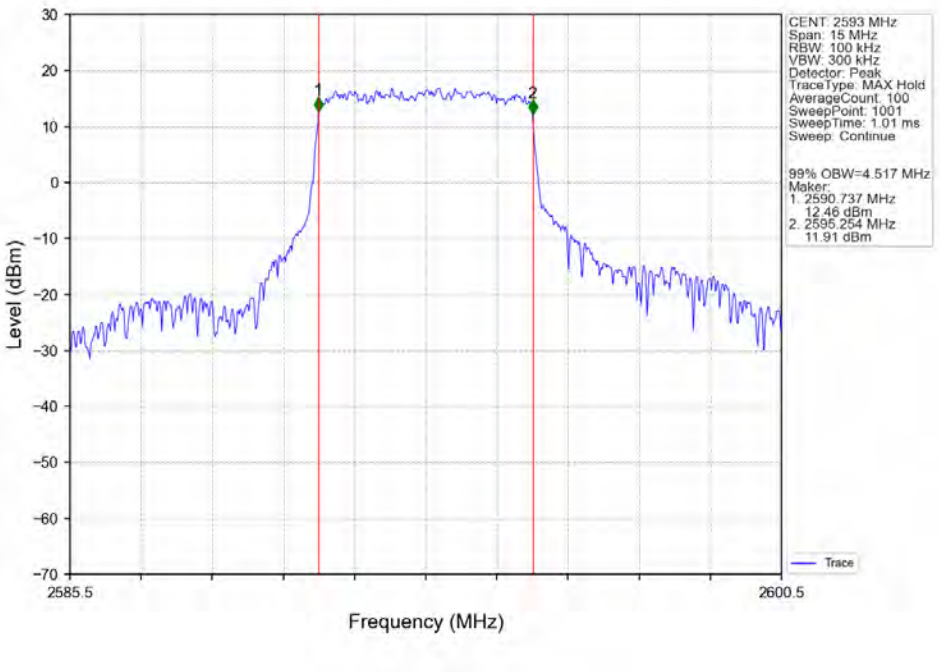
| Band: 41 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 5 | QPSK | 2498.5 | 25 | 0 | 4.512 | / | Pass |
| | | 2593 | 25 | 0 | 4.517 | / | Pass |
| | | 2687.5 | 25 | 0 | 4.504 | / | Pass |
| | 16QAM | 2498.5 | 25 | 0 | 4.512 | / | Pass |
| | | 2593 | 25 | 0 | 4.515 | / | Pass |
| | | 2687.5 | 25 | 0 | 4.510 | / | Pass |
| | 64QAM | 2498.5 | 25 | 0 | 4.507 | / | Pass |
| | | 2593 | 25 | 0 | 4.506 | / | Pass |
| | | 2687.5 | 25 | 0 | 4.504 | / | Pass |
| 10 | QPSK | 2501 | 50 | 0 | 8.999 | / | Pass |
| | | 2593 | 50 | 0 | 8.993 | / | Pass |
| | | 2685 | 50 | 0 | 8.996 | / | Pass |
| | 16QAM | 2501 | 50 | 0 | 8.957 | / | Pass |
| | | 2593 | 50 | 0 | 8.961 | / | Pass |
| | | 2685 | 50 | 0 | 8.957 | / | Pass |
| | 64QAM | 2501 | 50 | 0 | 8.984 | / | Pass |
| | | 2593 | 50 | 0 | 8.992 | / | Pass |
| | | 2685 | 50 | 0 | 8.990 | / | Pass |
| 15 | QPSK | 2503.5 | 75 | 0 | 13.497 | / | Pass |
| | | 2593 | 75 | 0 | 13.514 | / | Pass |
| | | 2682.5 | 75 | 0 | 13.479 | / | Pass |
| | 16QAM | 2503.5 | 75 | 0 | 13.480 | / | Pass |
| | | 2593 | 75 | 0 | 13.486 | / | Pass |
| | | 2682.5 | 75 | 0 | 13.483 | / | Pass |
| | 64QAM | 2503.5 | 75 | 0 | 13.463 | / | Pass |
| | | 2593 | 75 | 0 | 13.492 | / | Pass |
| | | 2682.5 | 75 | 0 | 13.467 | / | Pass |
| 20 | QPSK | 2506 | 100 | 0 | 18.007 | / | Pass |
| | | 2593 | 100 | 0 | 18.026 | / | Pass |
| | | 2680 | 100 | 0 | 17.988 | / | Pass |
| | 16QAM | 2506 | 100 | 0 | 17.989 | / | Pass |
| | | 2593 | 100 | 0 | 18.032 | / | Pass |
| | | 2680 | 100 | 0 | 17.991 | / | Pass |
| | 64QAM | 2506 | 100 | 0 | 17.986 | / | Pass |
| | | 2593 | 100 | 0 | 17.994 | / | Pass |
| | | 2680 | 100 | 0 | 18.004 | / | Pass |

## 3.1.2 Band41_XDB

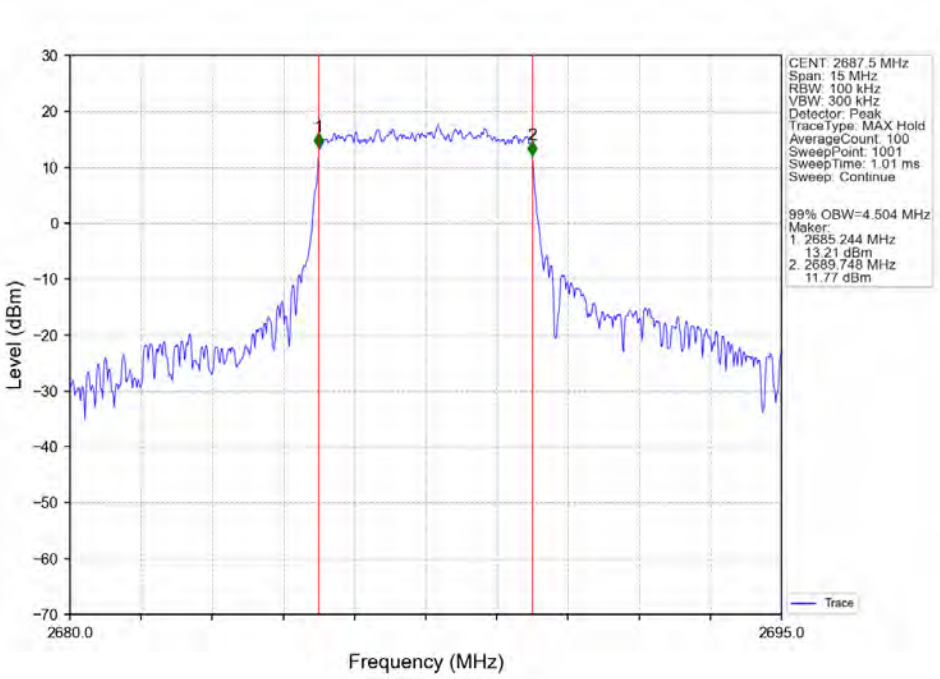
| Band: 41 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 5 | QPSK | 2498.5 | 25 | 0 | 5.747 | / | Pass |
| | | 2593 | 25 | 0 | 5.666 | / | Pass |
| | | 2687.5 | 25 | 0 | 5.267 | / | Pass |
| | 16QAM | 2498.5 | 25 | 0 | 5.339 | / | Pass |
| | | 2593 | 25 | 0 | 5.304 | / | Pass |
| | | 2687.5 | 25 | 0 | 5.224 | / | Pass |
| | 64QAM | 2498.5 | 25 | 0 | 5.186 | / | Pass |
| | | 2593 | 25 | 0 | 5.175 | / | Pass |
| | | 2687.5 | 25 | 0 | 5.006 | / | Pass |
| 10 | QPSK | 2501 | 50 | 0 | 9.892 | / | Pass |
| | | 2593 | 50 | 0 | 9.897 | / | Pass |
| | | 2685 | 50 | 0 | 9.884 | / | Pass |
| | 16QAM | 2501 | 50 | 0 | 9.759 | / | Pass |
| | | 2593 | 50 | 0 | 9.821 | / | Pass |
| | | 2685 | 50 | 0 | 9.822 | / | Pass |
| | 64QAM | 2501 | 50 | 0 | 9.990 | / | Pass |
| | | 2593 | 50 | 0 | 9.914 | / | Pass |
| | | 2685 | 50 | 0 | 9.934 | / | Pass |
| 15 | QPSK | 2503.5 | 75 | 0 | 15.543 | / | Pass |
| | | 2593 | 75 | 0 | 15.357 | / | Pass |
| | | 2682.5 | 75 | 0 | 15.277 | / | Pass |
| | 16QAM | 2503.5 | 75 | 0 | 15.359 | / | Pass |
| | | 2593 | 75 | 0 | 15.184 | / | Pass |
| | | 2682.5 | 75 | 0 | 15.477 | / | Pass |
| | 64QAM | 2503.5 | 75 | 0 | 15.048 | / | Pass |
| | | 2593 | 75 | 0 | 15.437 | / | Pass |
| | | 2682.5 | 75 | 0 | 14.859 | / | Pass |
| 20 | QPSK | 2506 | 100 | 0 | 21.073 | / | Pass |
| | | 2593 | 100 | 0 | 20.652 | / | Pass |
| | | 2680 | 100 | 0 | 20.719 | / | Pass |
| | 16QAM | 2506 | 100 | 0 | 19.754 | / | Pass |
| | | 2593 | 100 | 0 | 20.249 | / | Pass |
| | | 2680 | 100 | 0 | 19.630 | / | Pass |
| | 64QAM | 2506 | 100 | 0 | 20.025 | / | Pass |
| | | 2593 | 100 | 0 | 19.658 | / | Pass |
| | | 2680 | 100 | 0 | 19.902 | / | Pass |

## 3.2 Test Graph

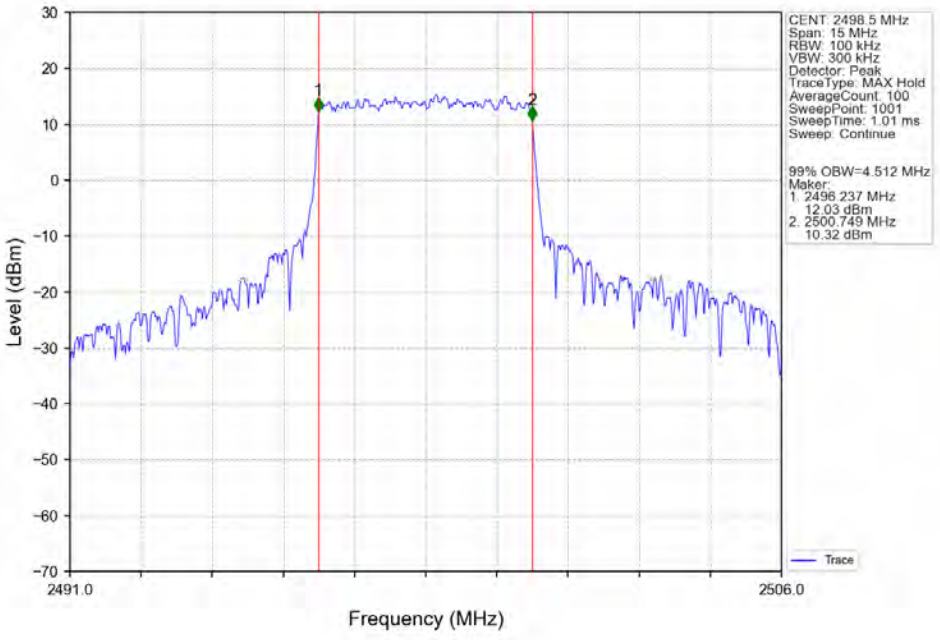
### 3.2.1 Band41_OBW

| Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV |
| --- |
|  |
| Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV |
|  |

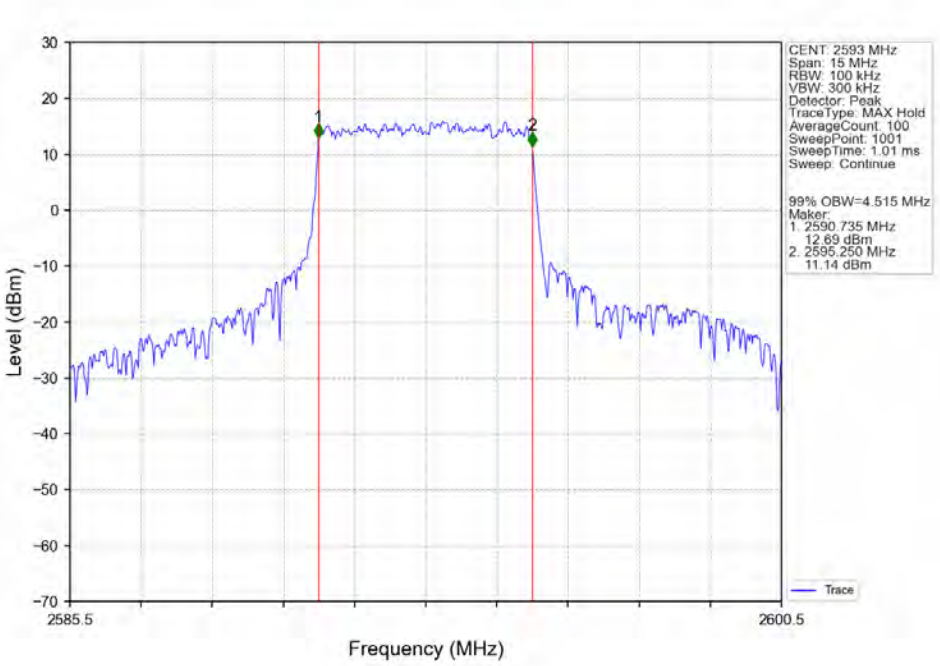
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



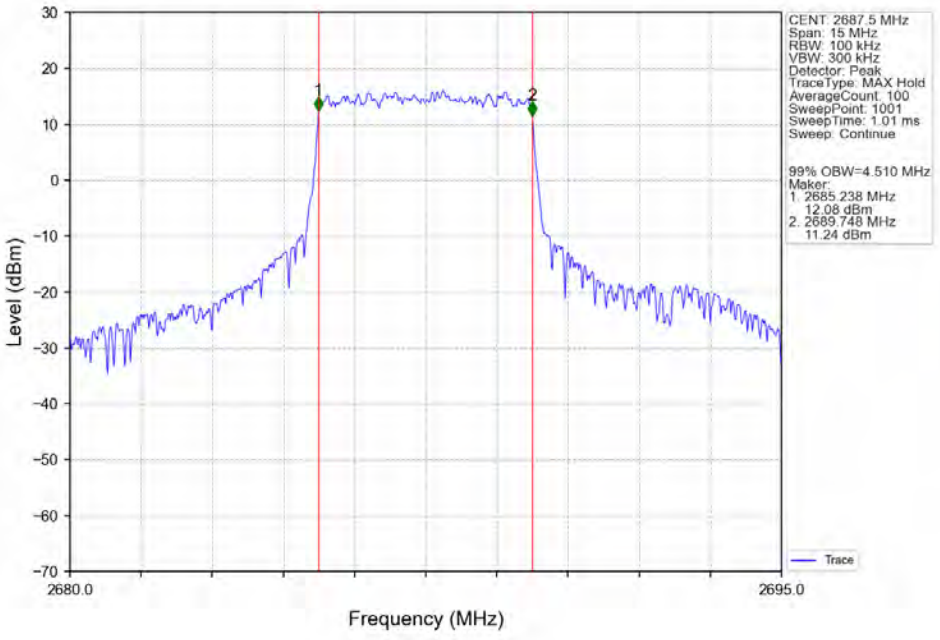

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



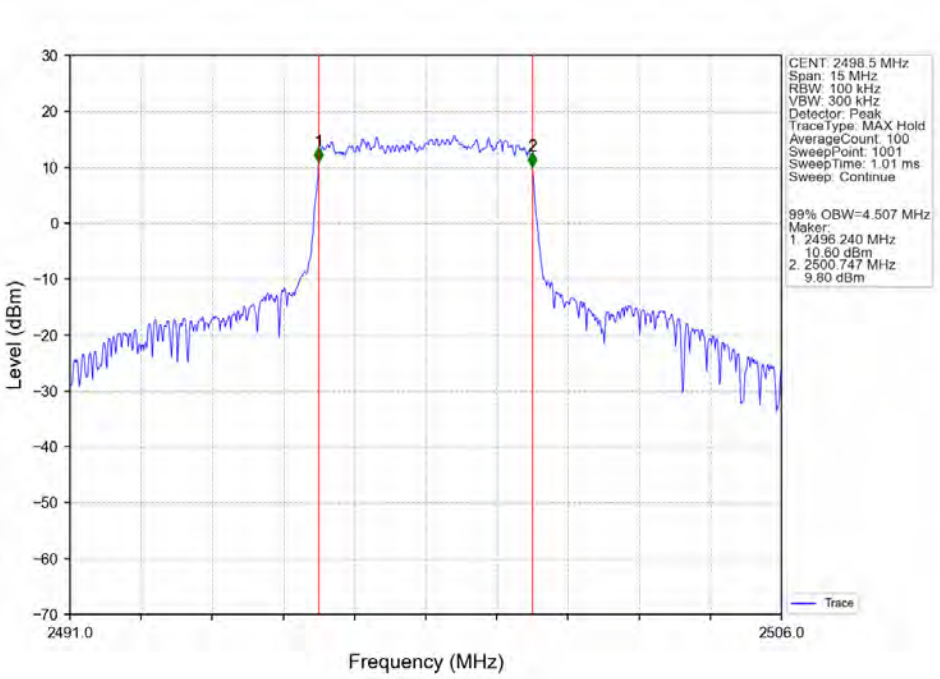
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



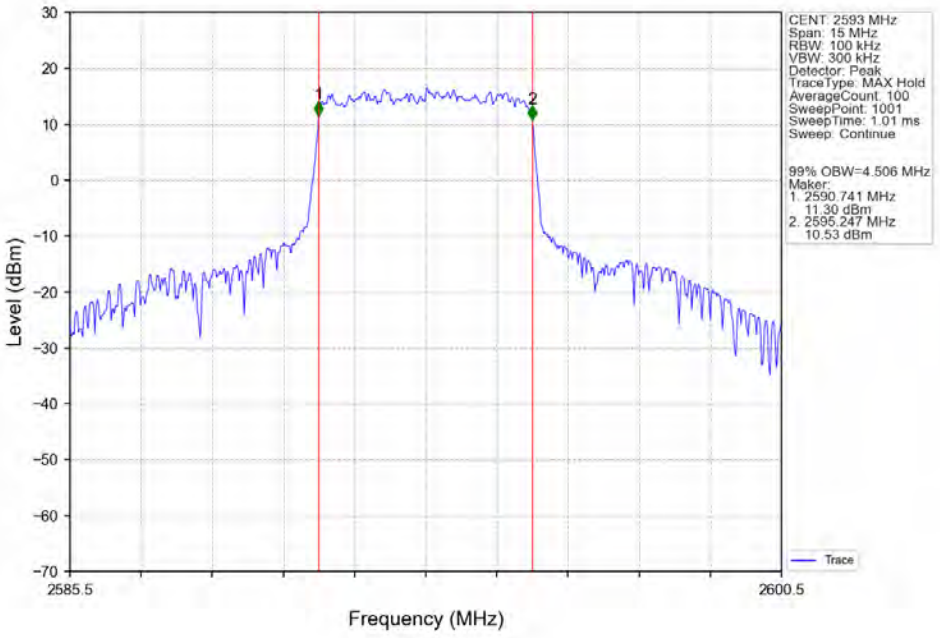

Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



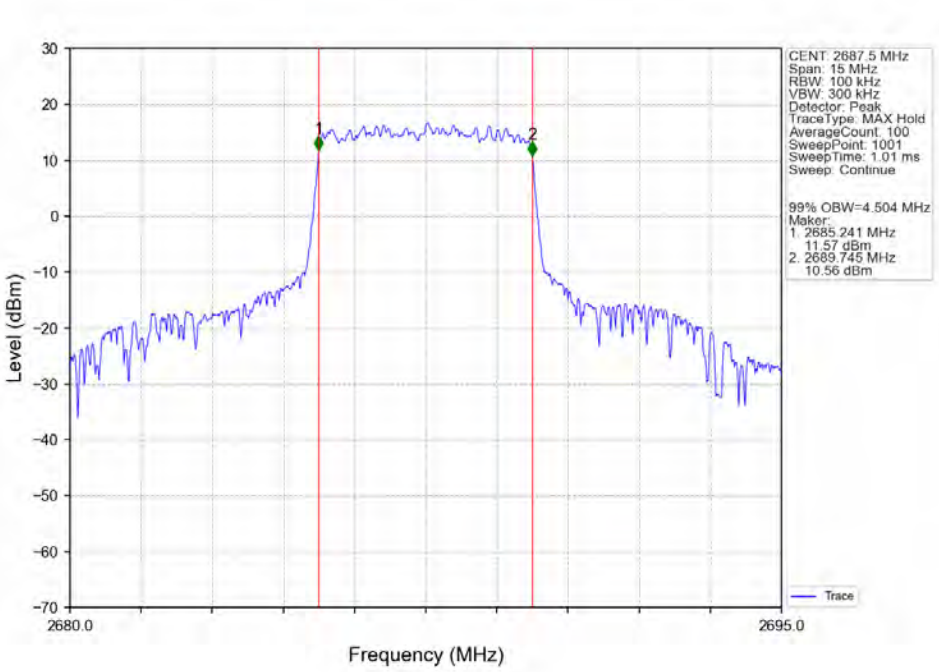
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



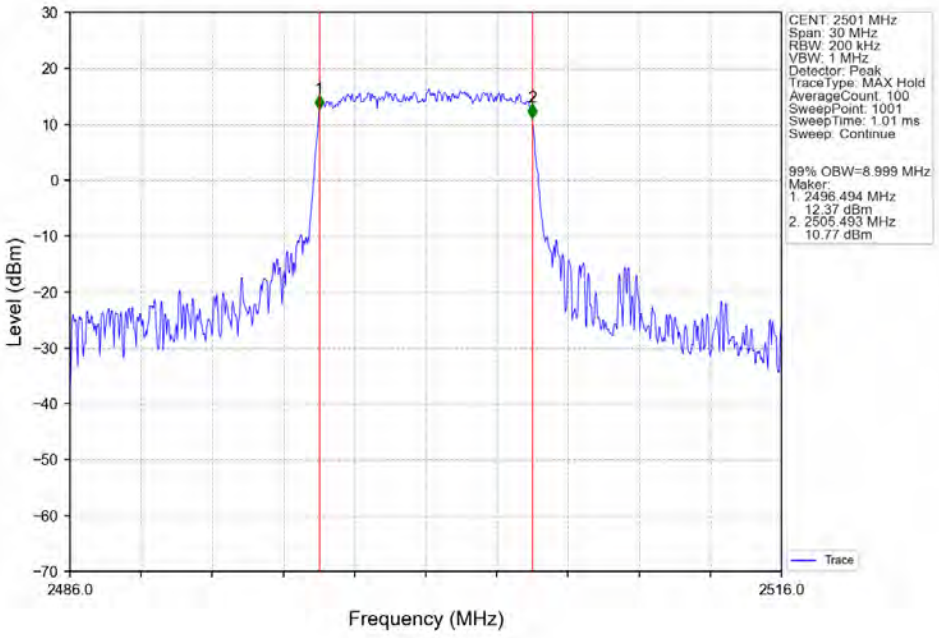

Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



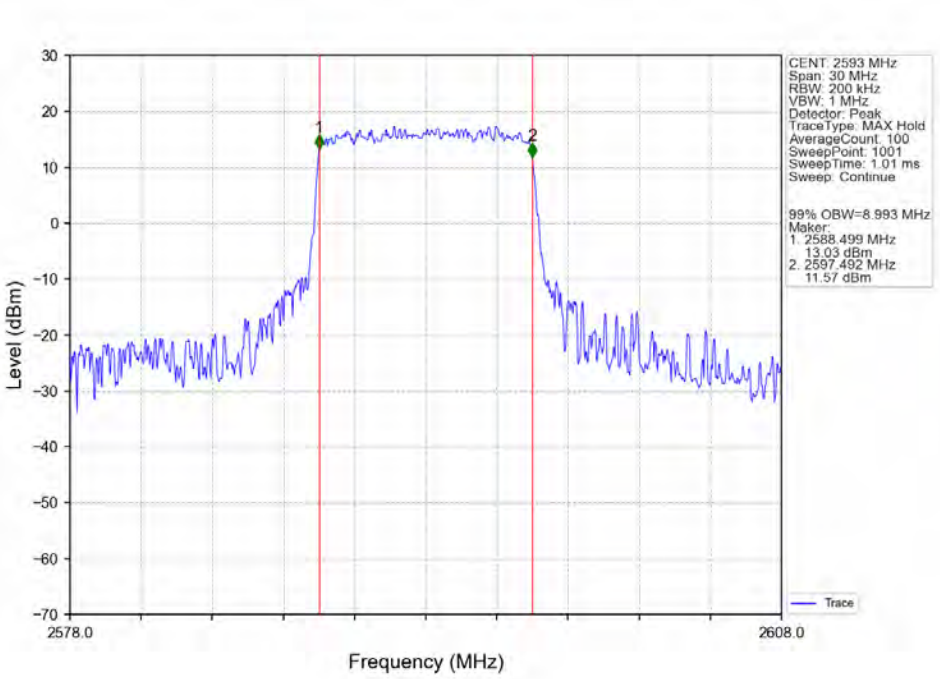
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



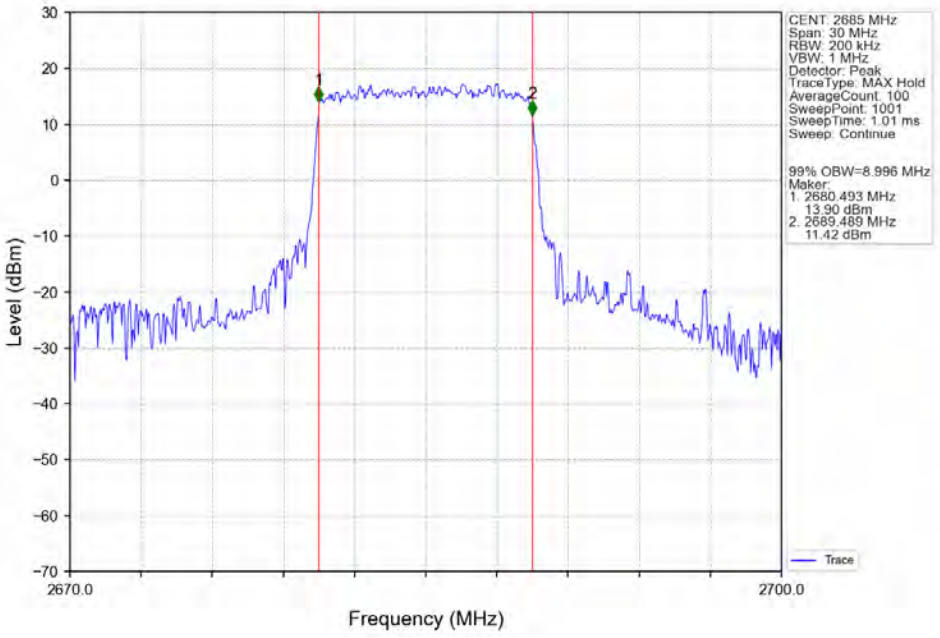

Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



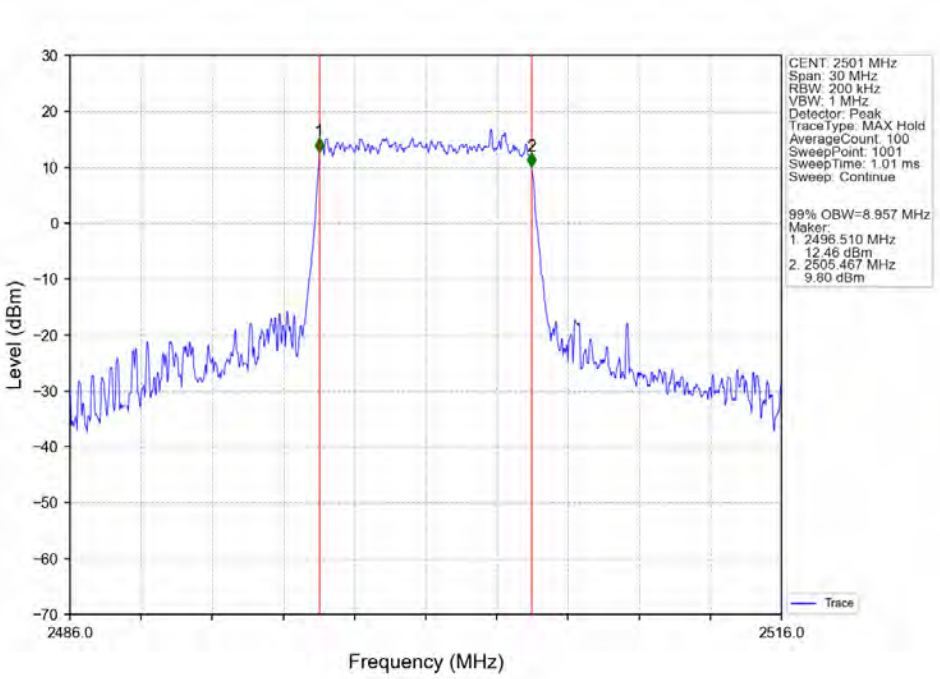
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



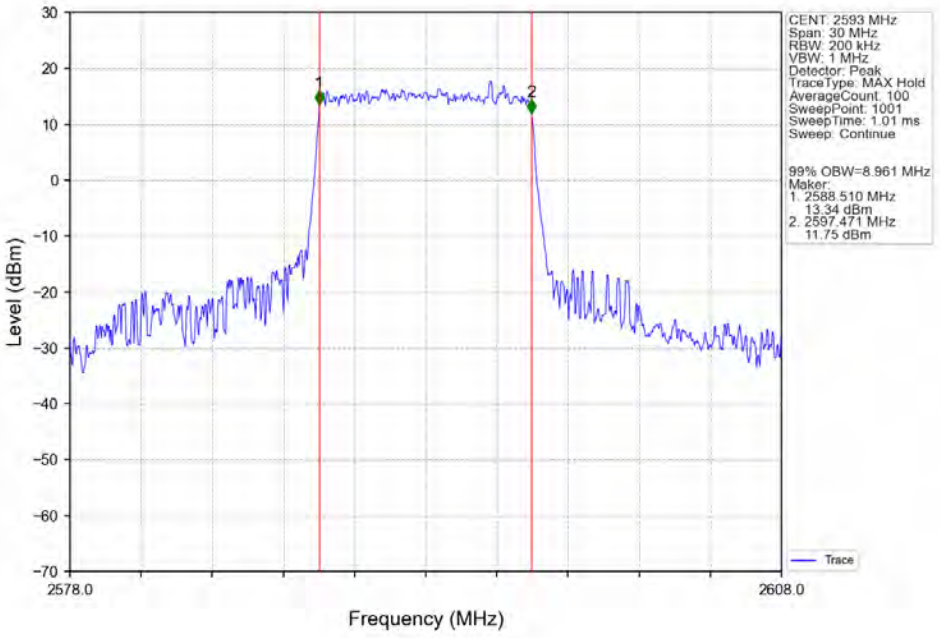

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



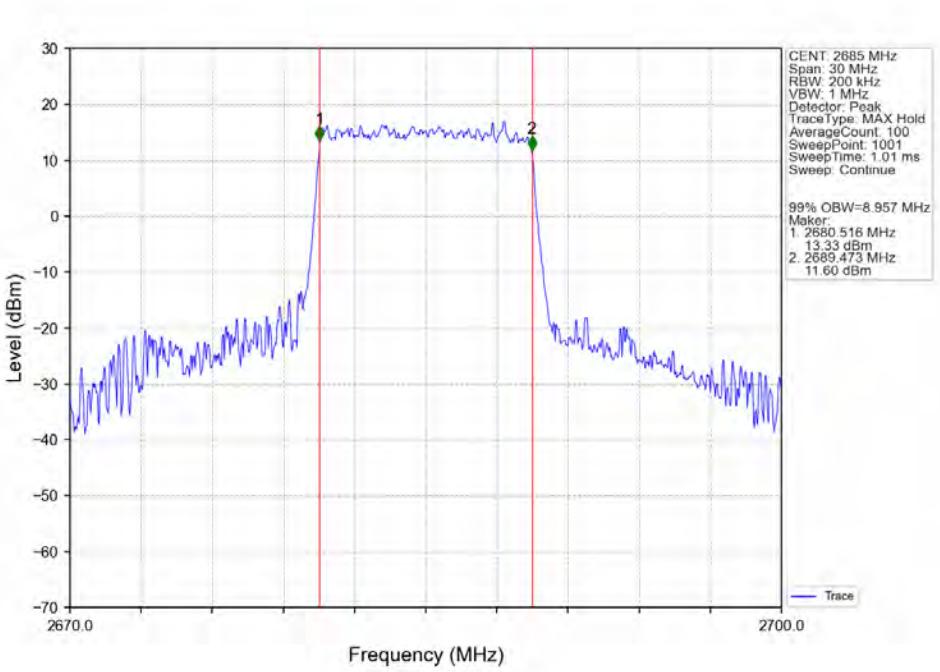
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV




Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

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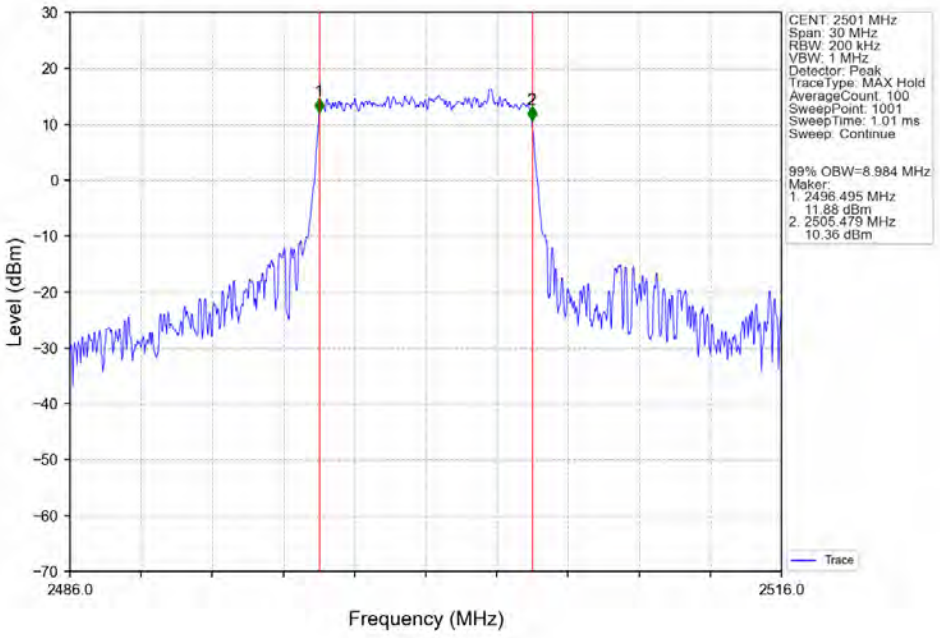

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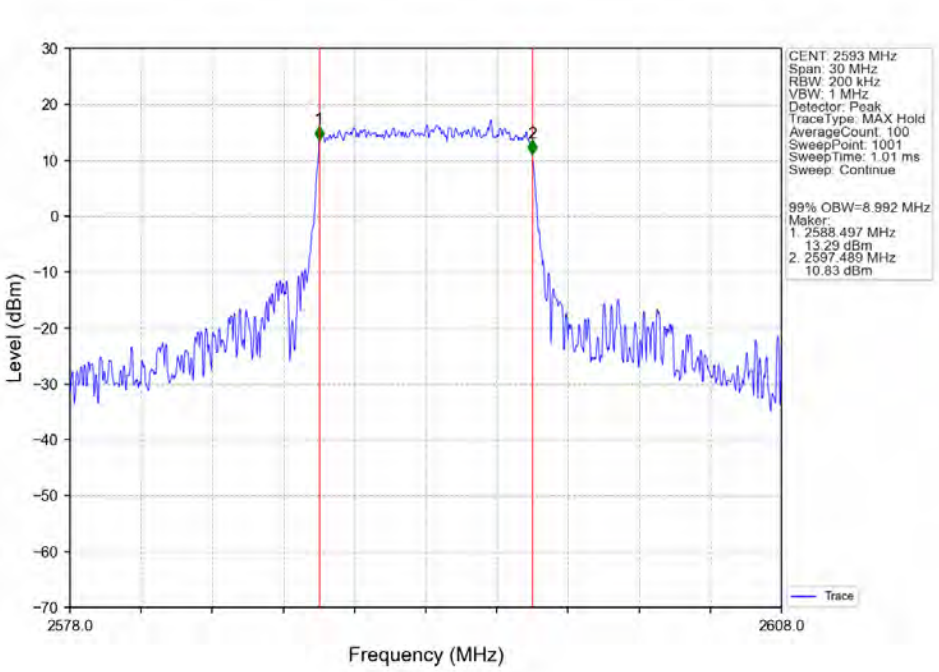


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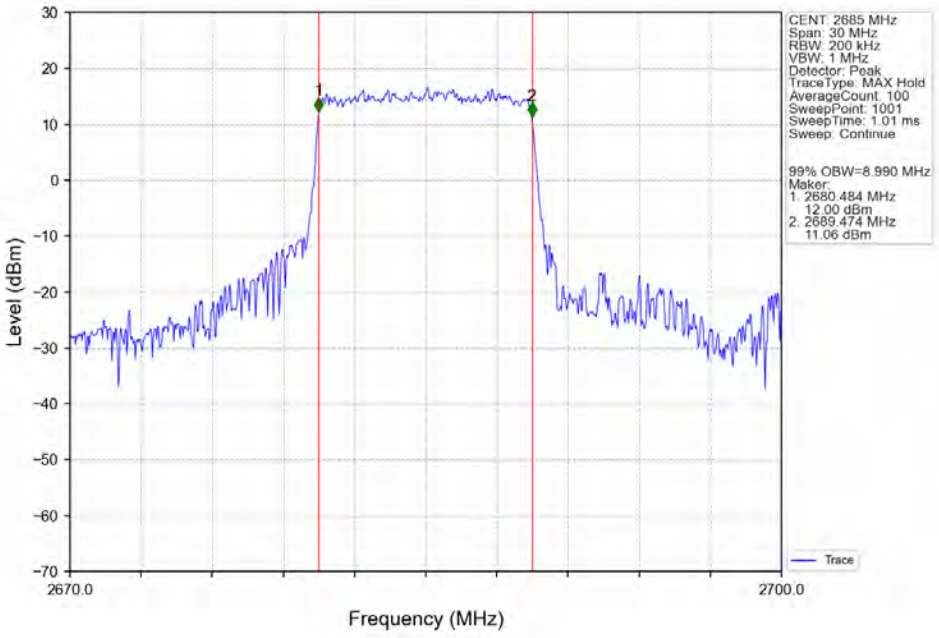
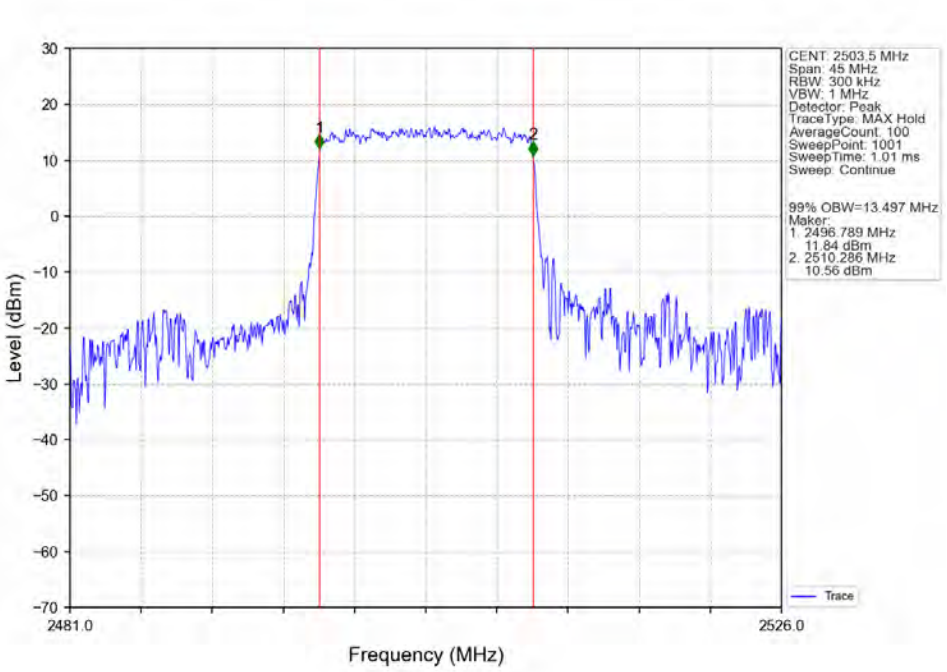
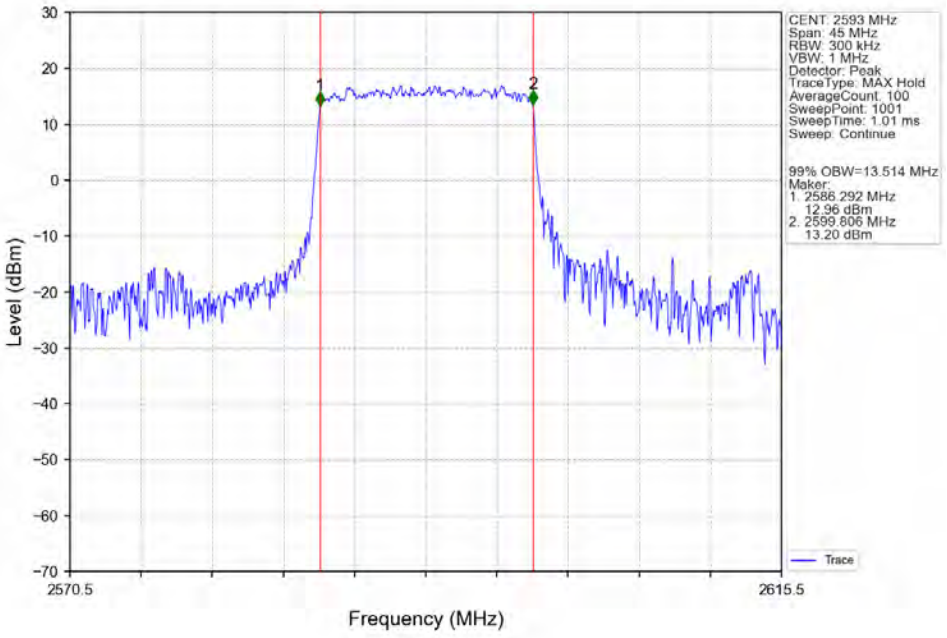


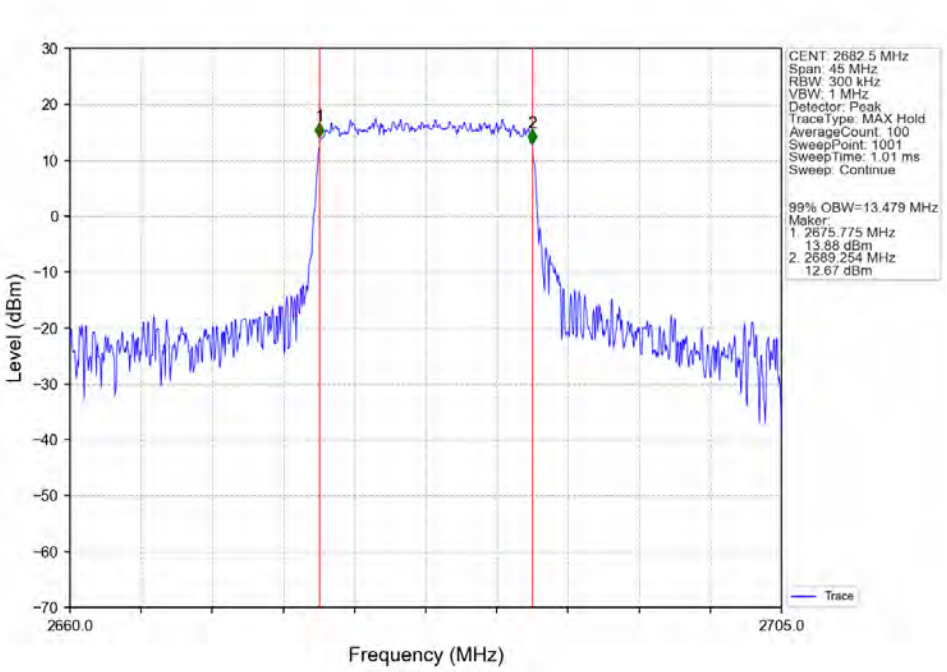
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



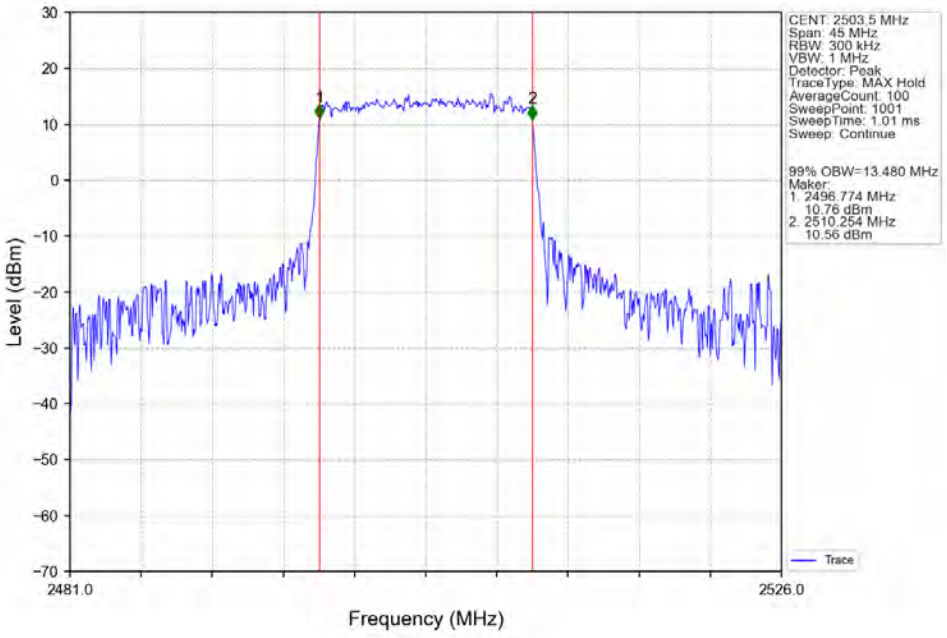

Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



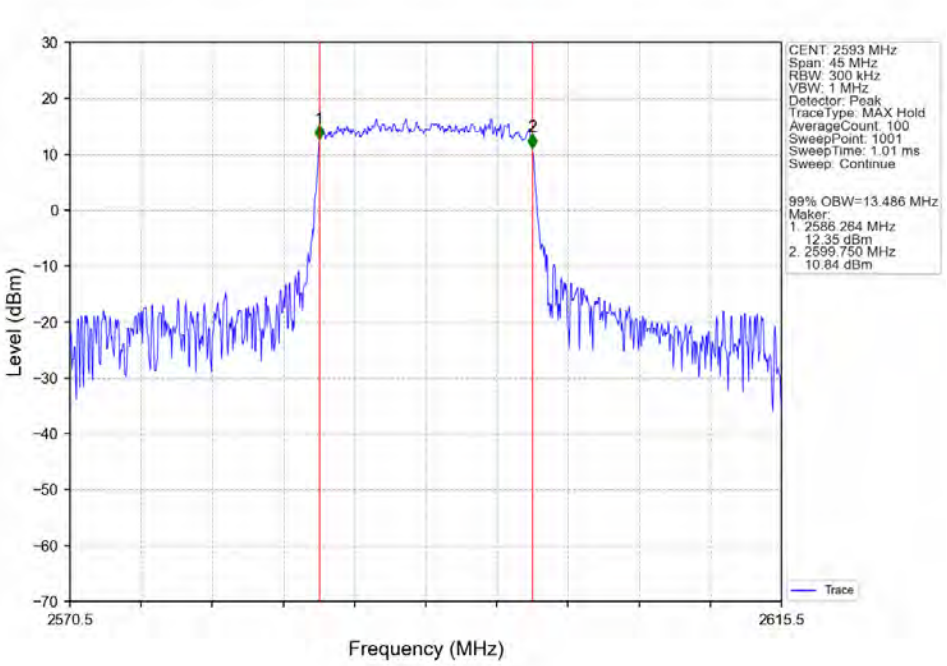
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



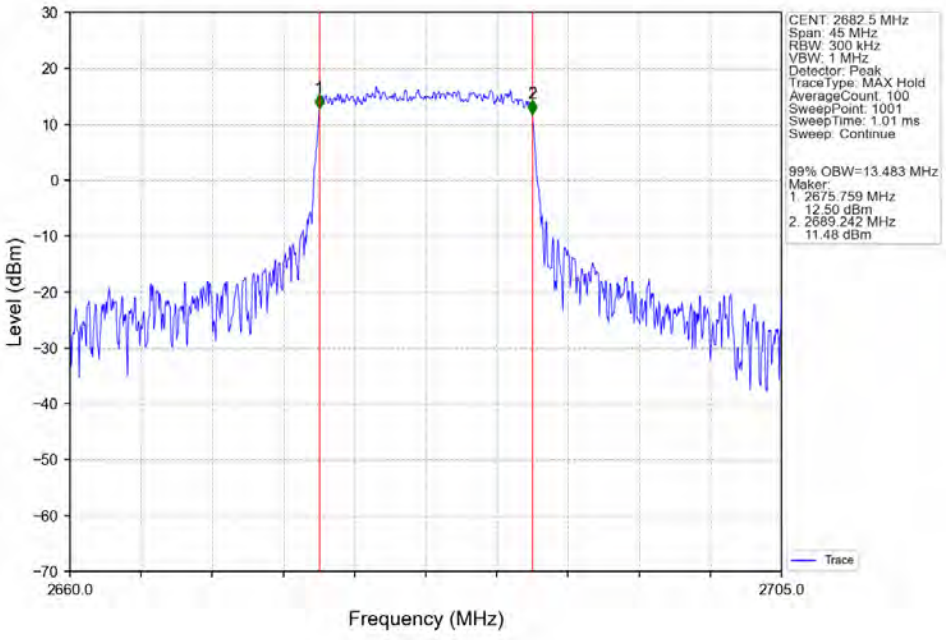

Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



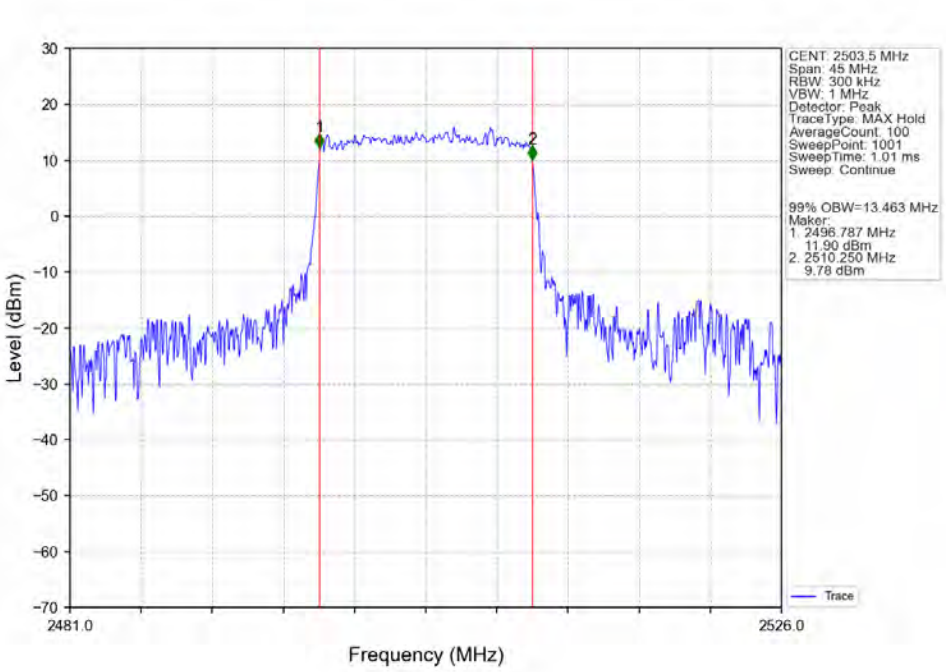
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



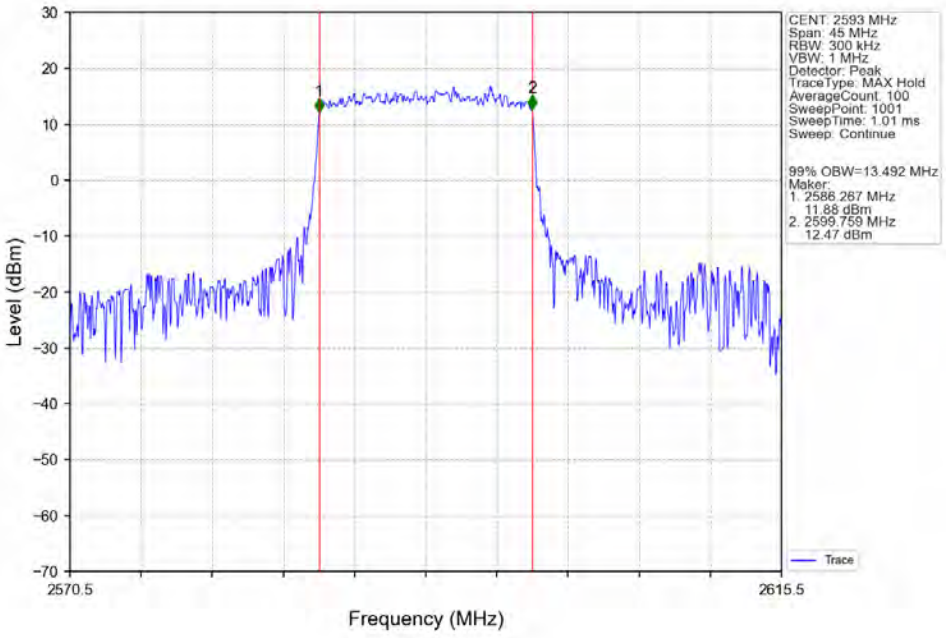

Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



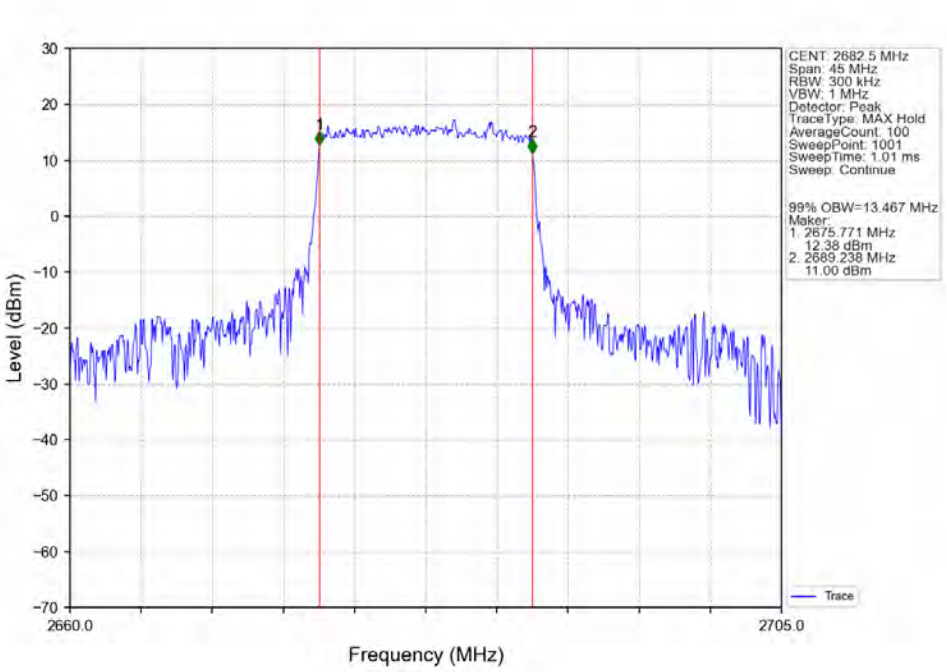
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



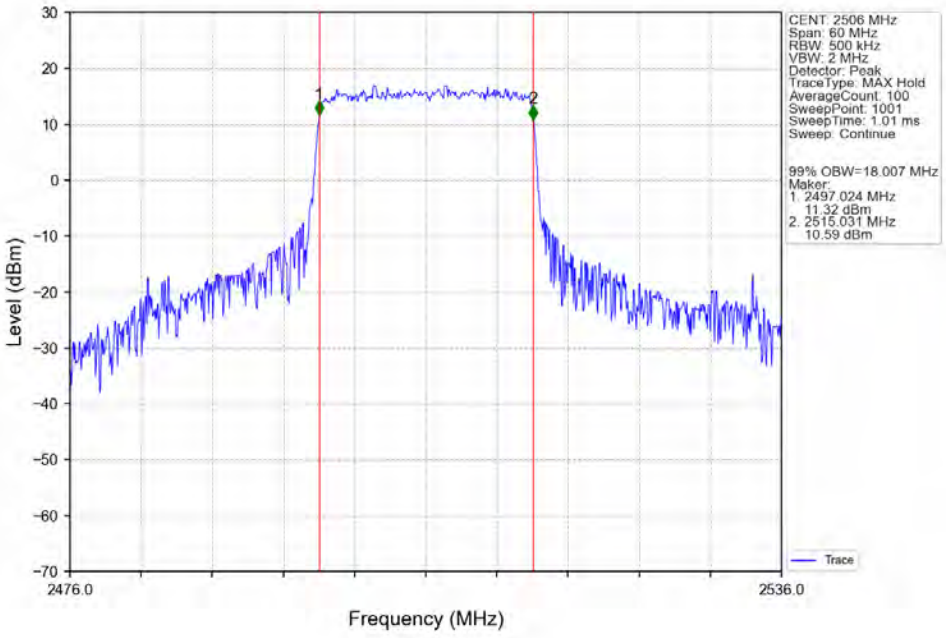

Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



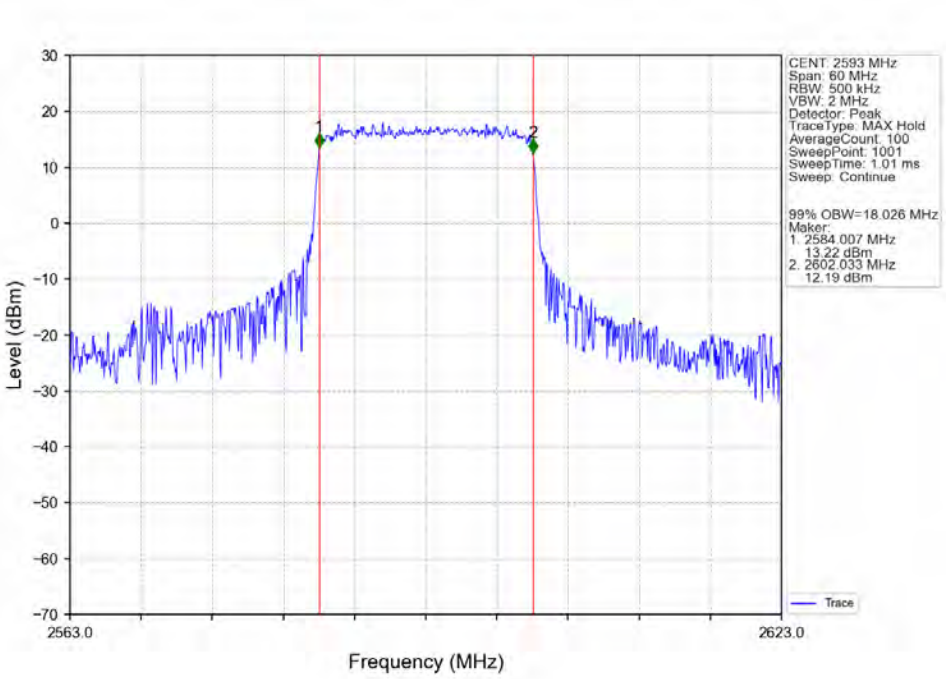
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



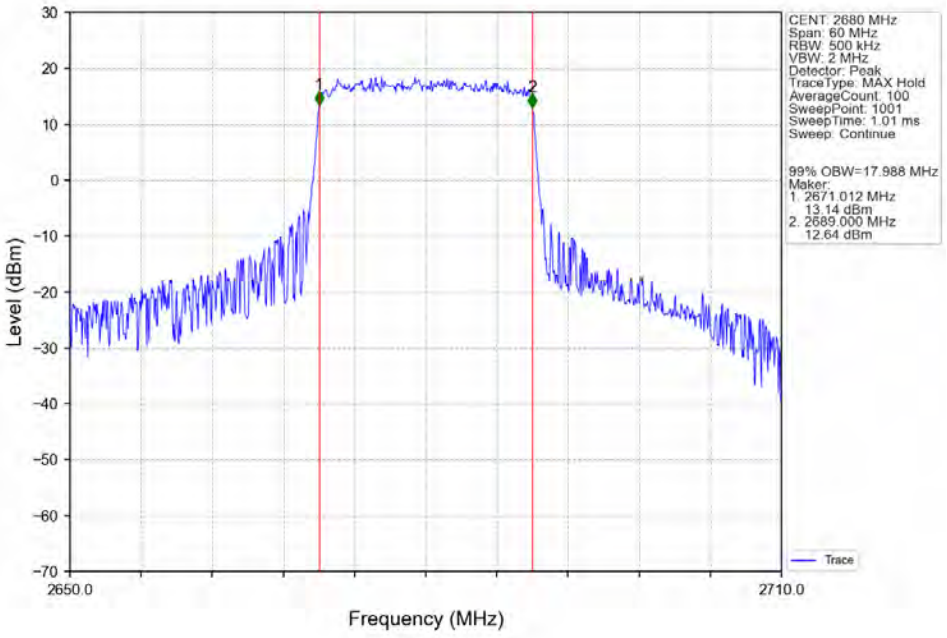

Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



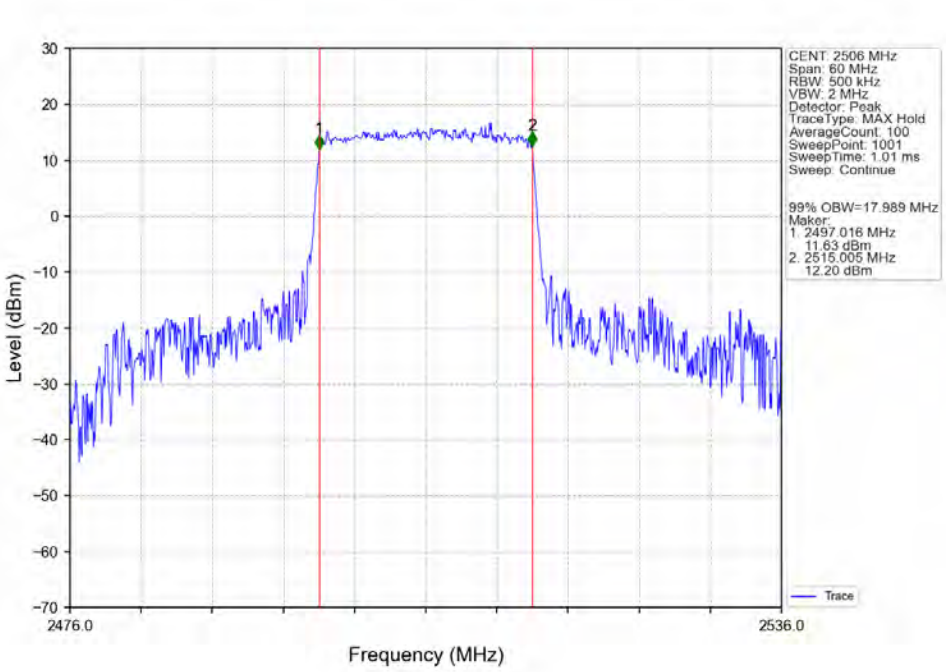
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



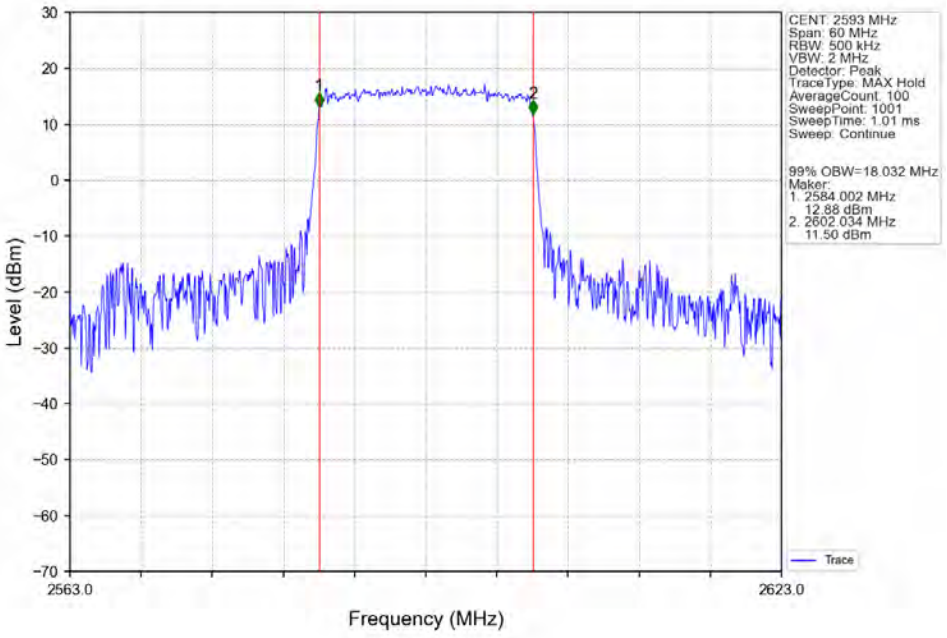

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



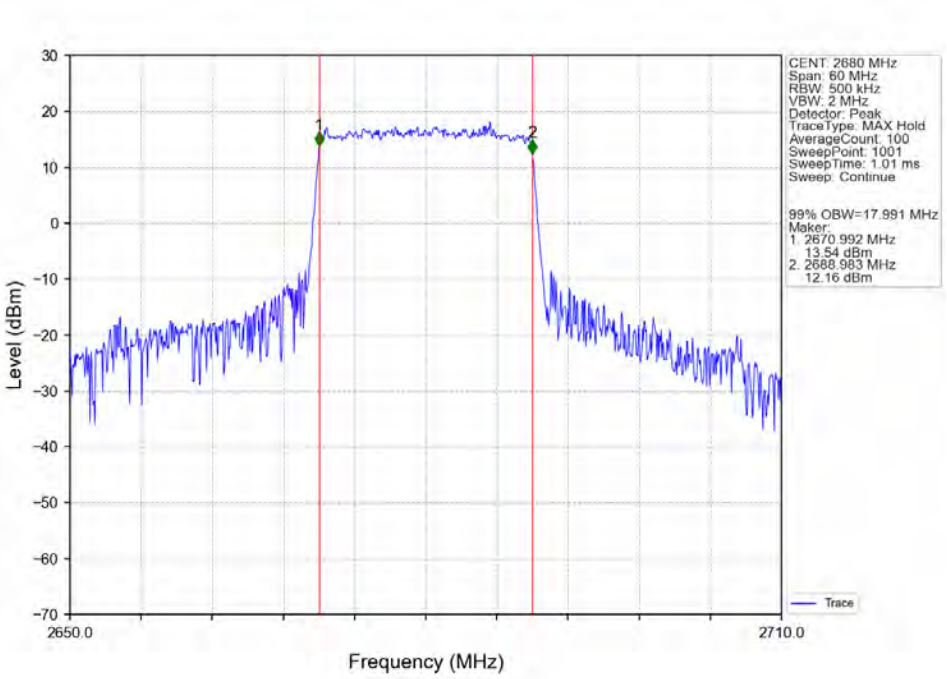
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



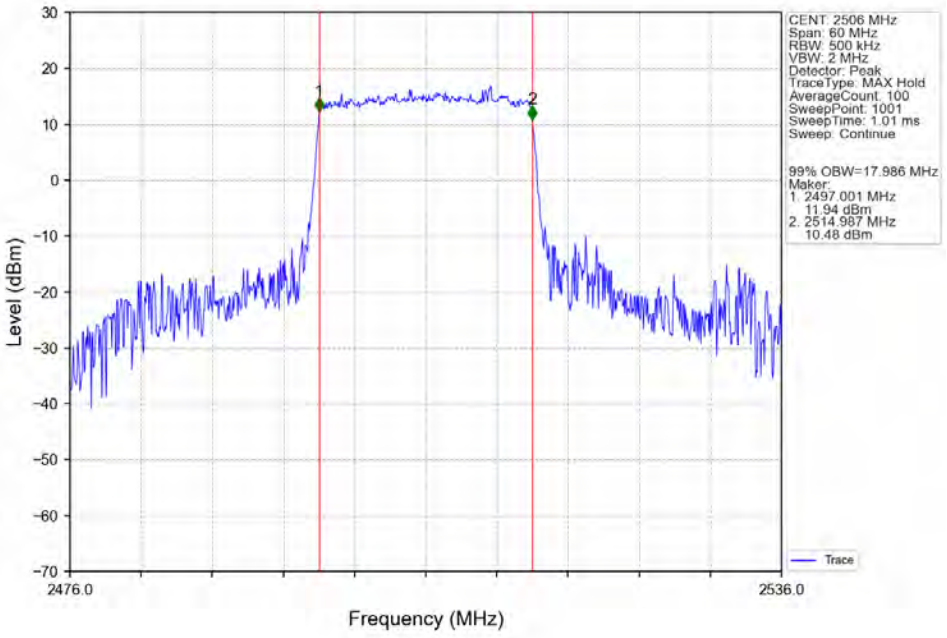

Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



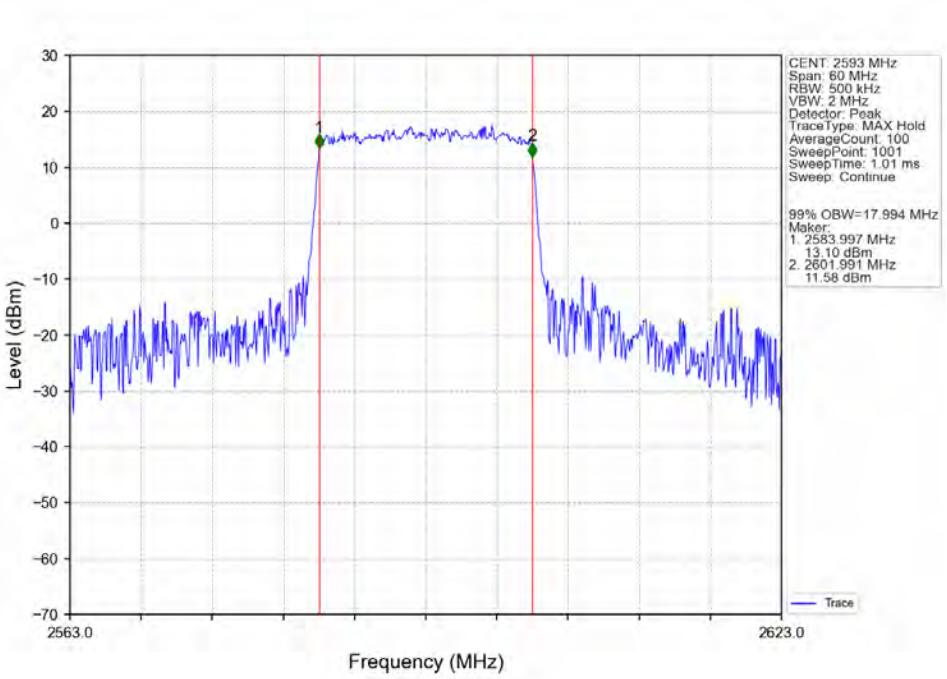
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



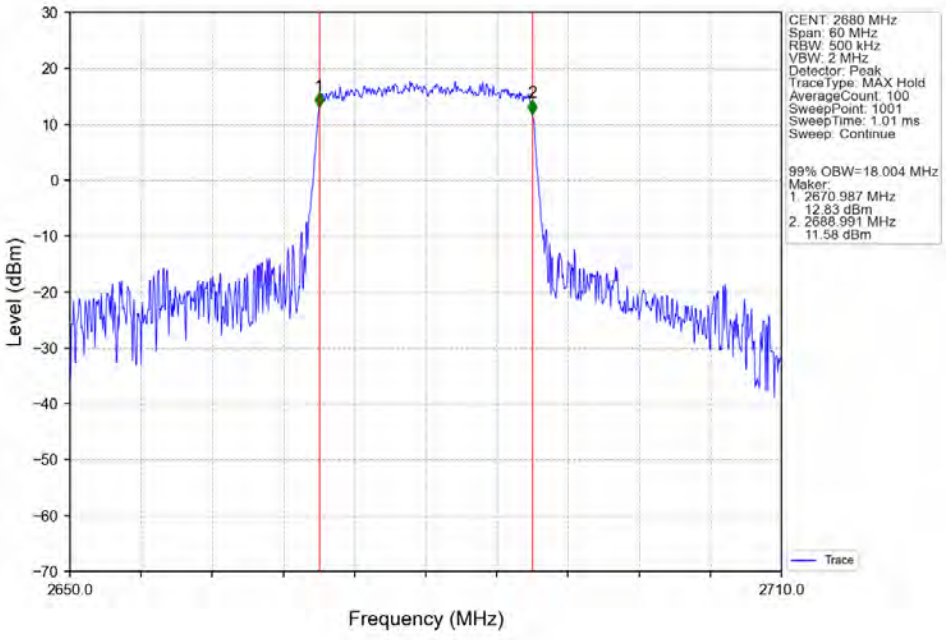

Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV




Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



## 3.2.2 Band41_XDB

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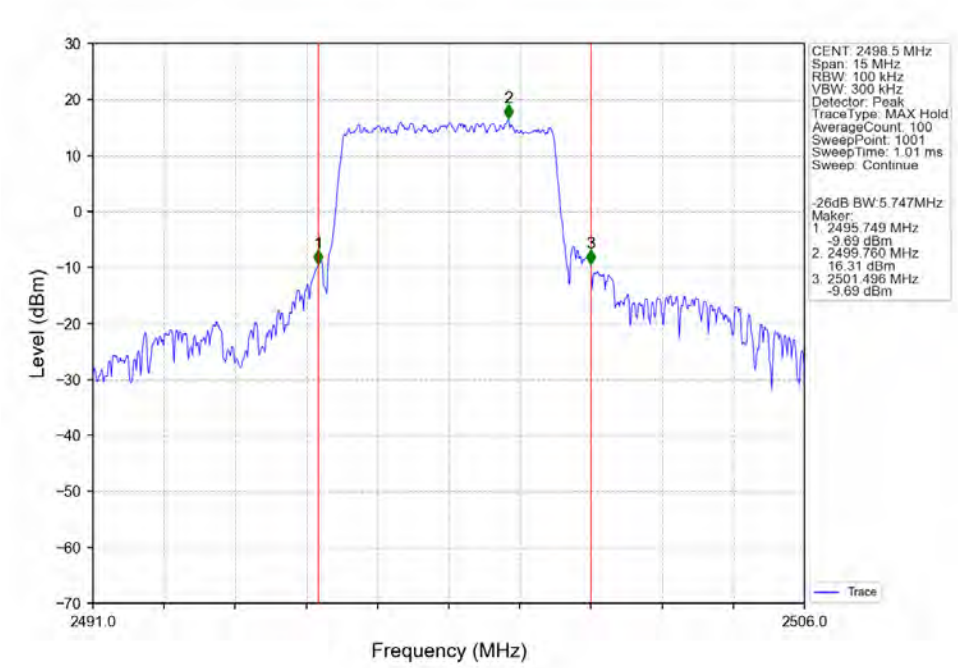
|  |
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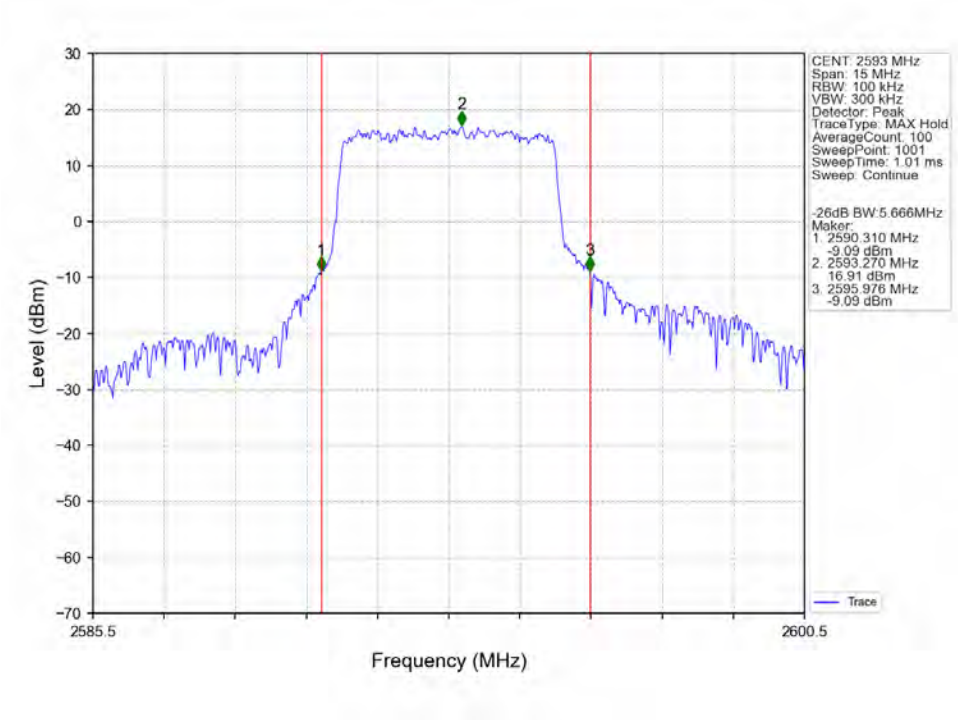
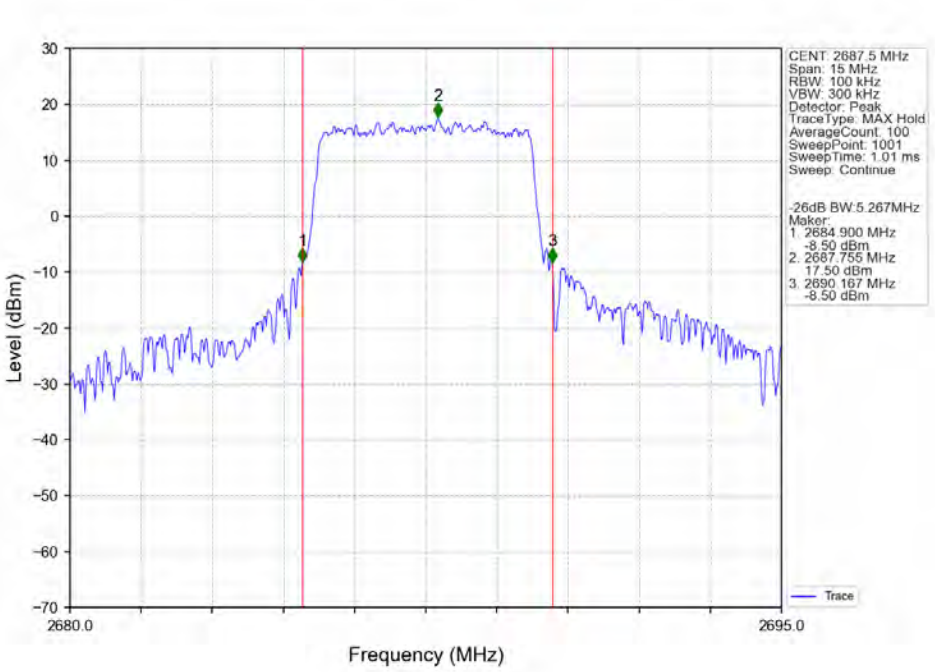
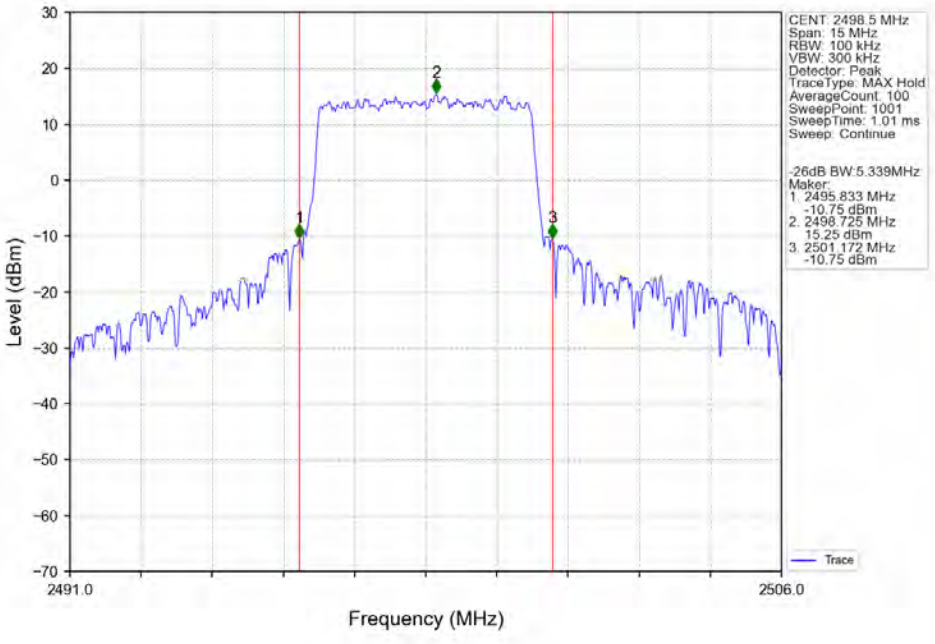
|  |

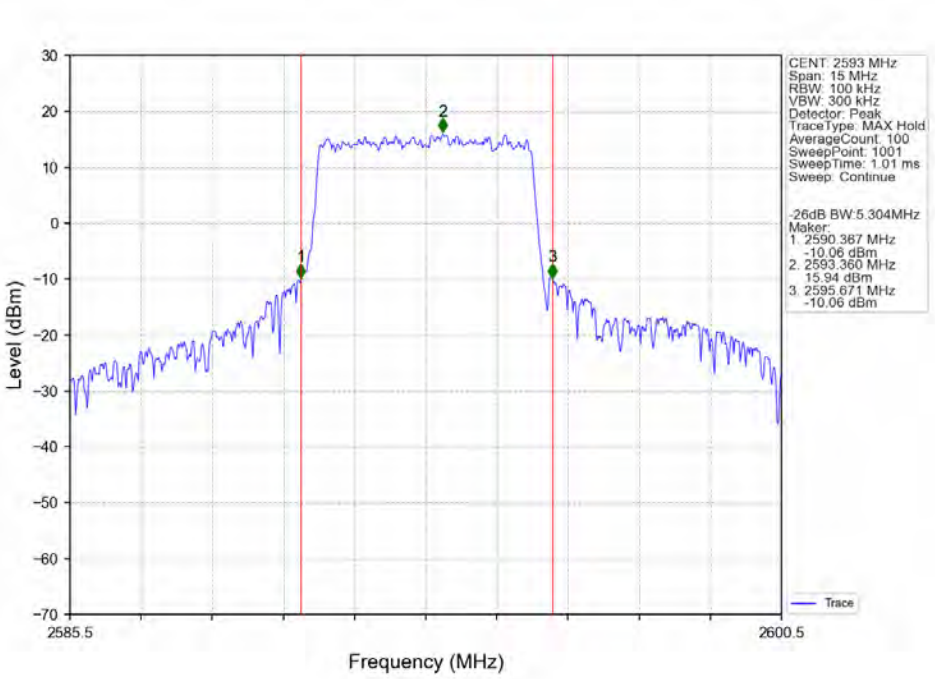
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



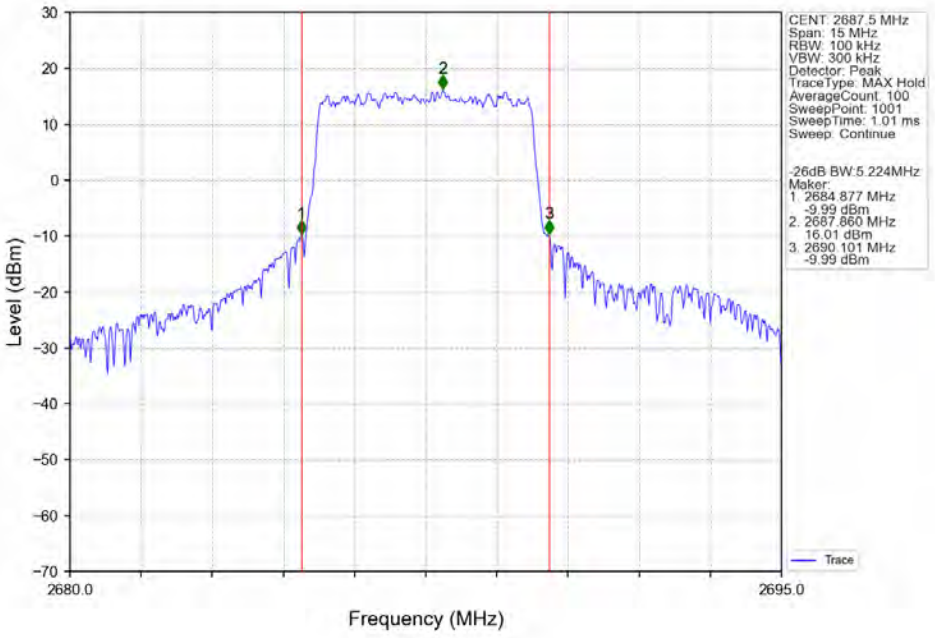

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



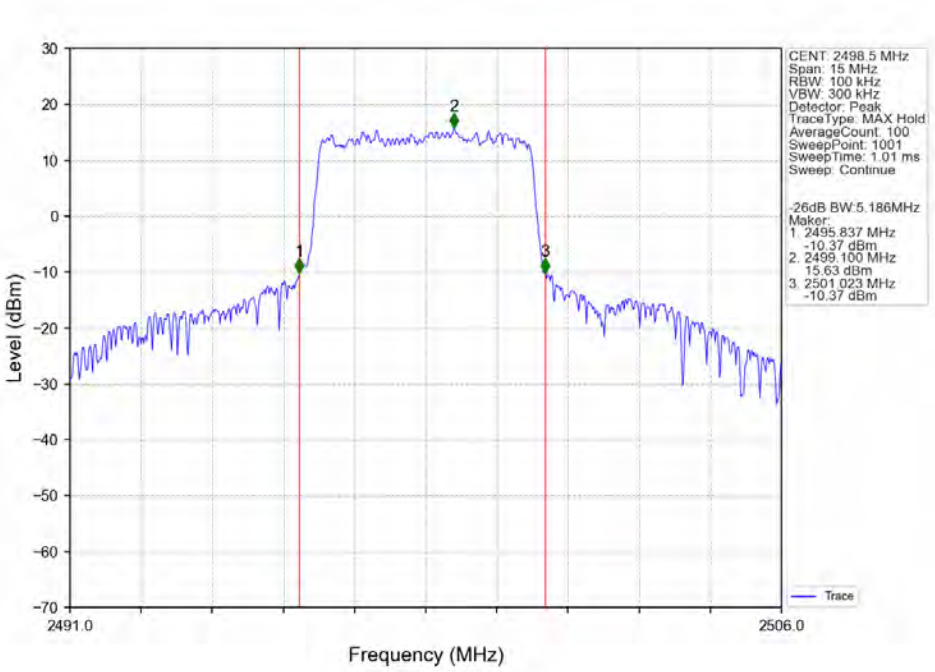
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



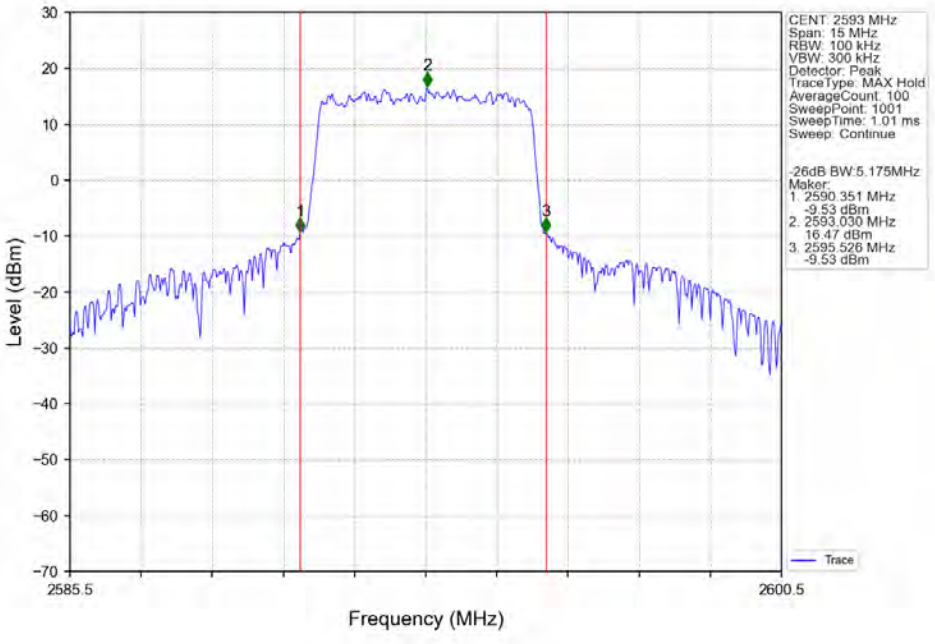

Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



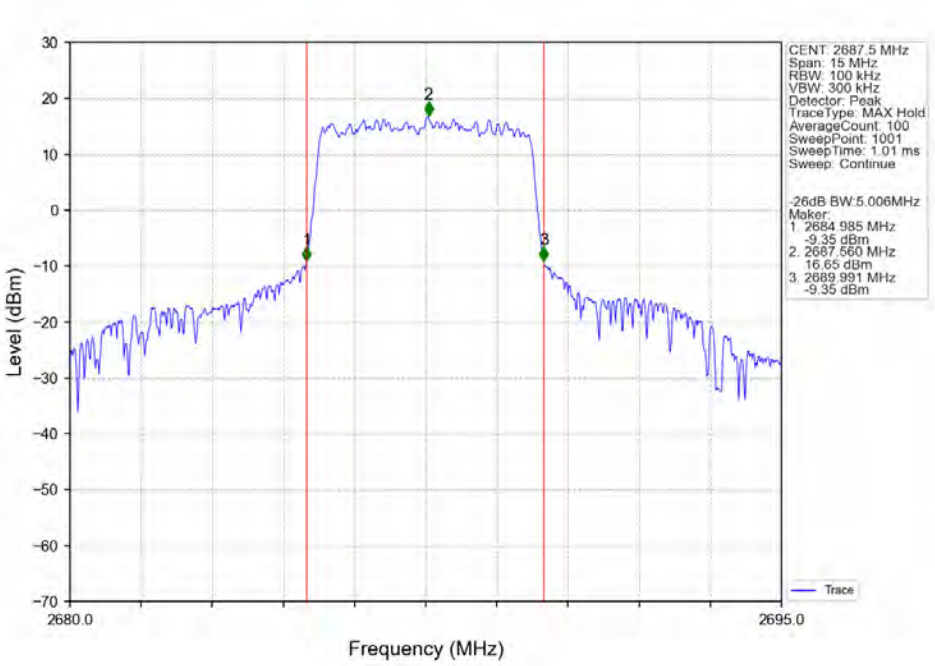
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV




Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV

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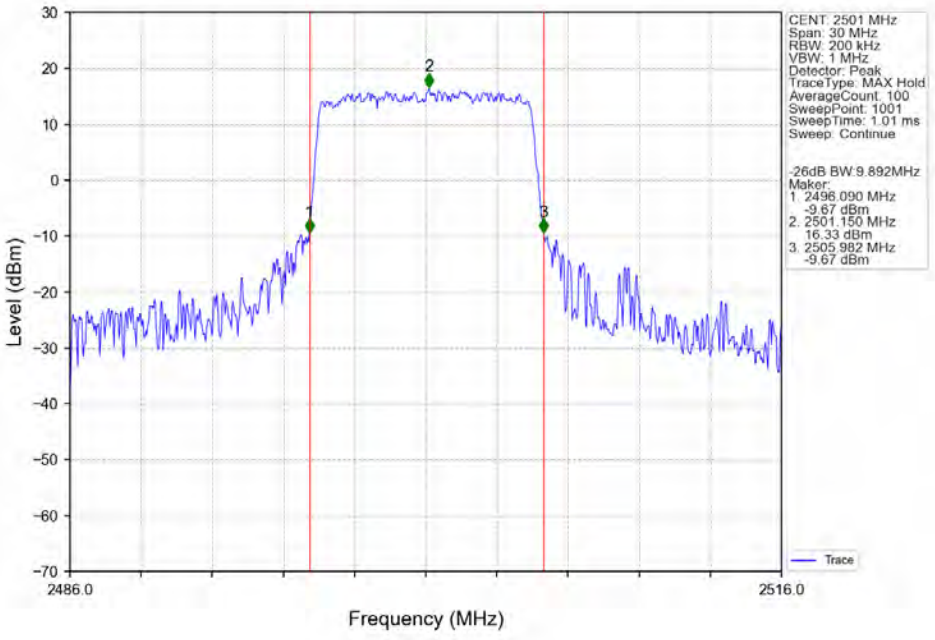
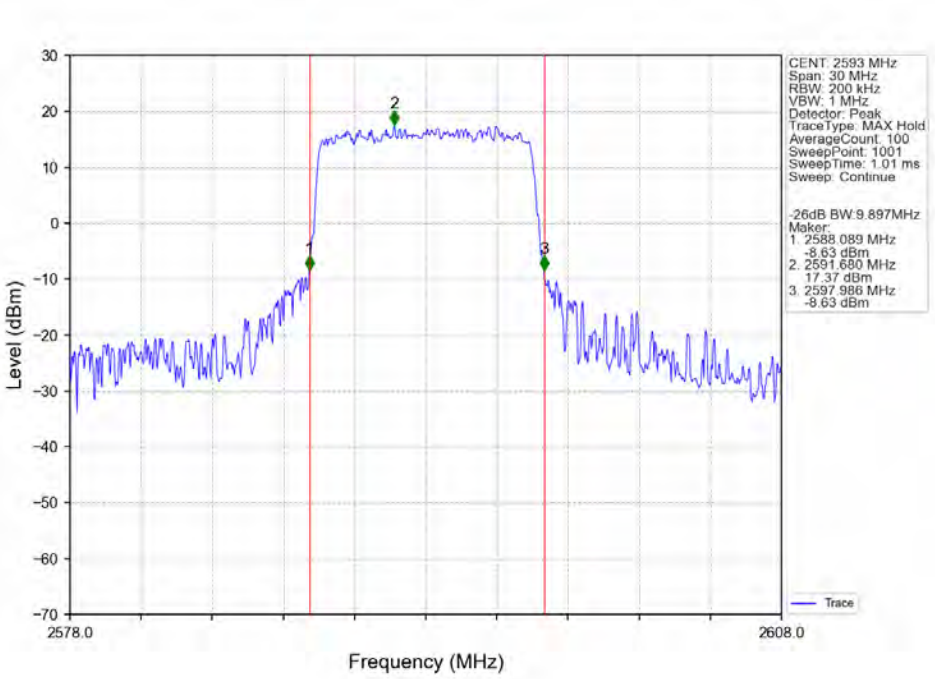


Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV

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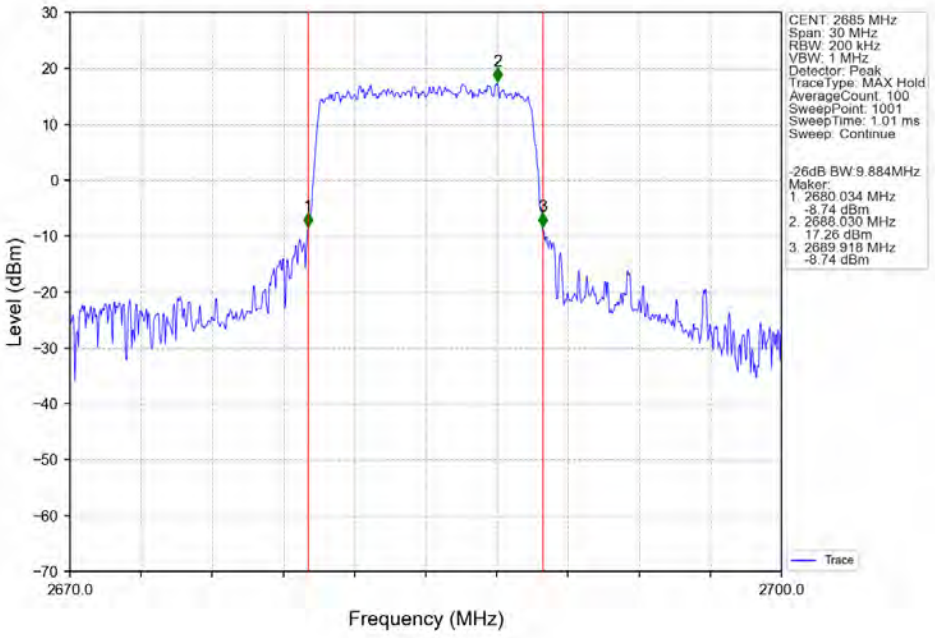
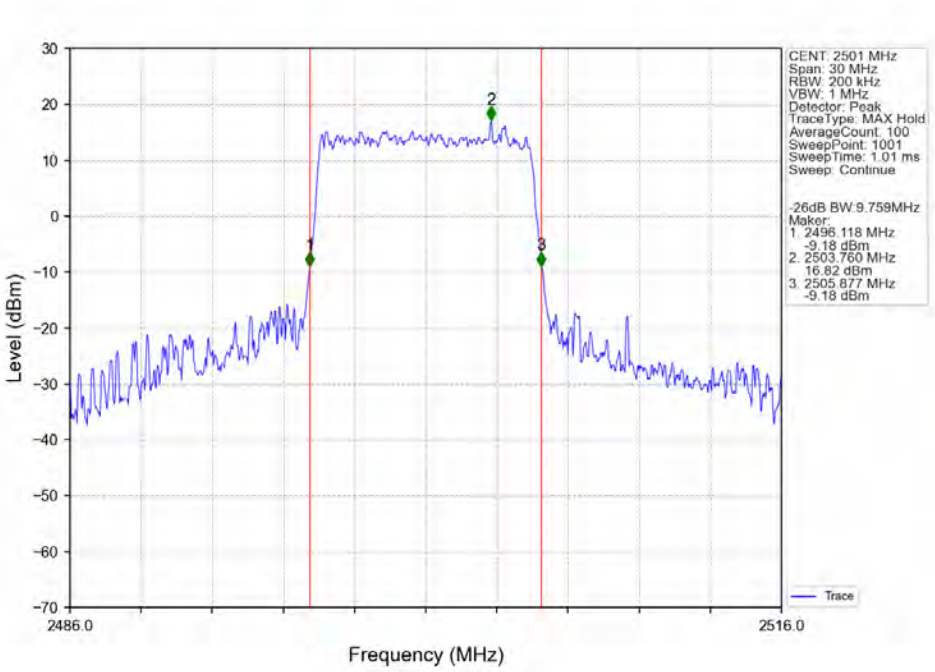
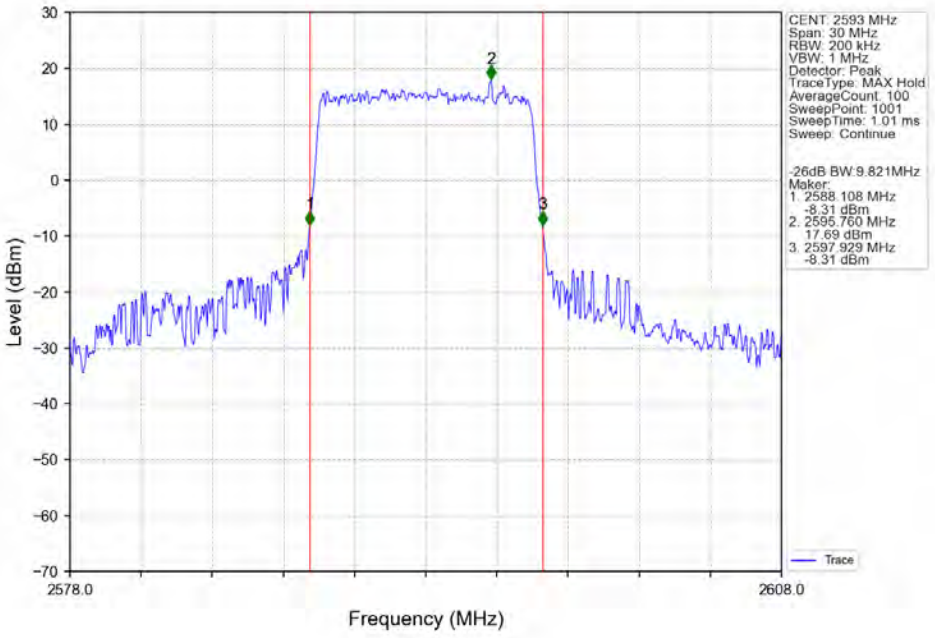


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV




Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



| Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV |
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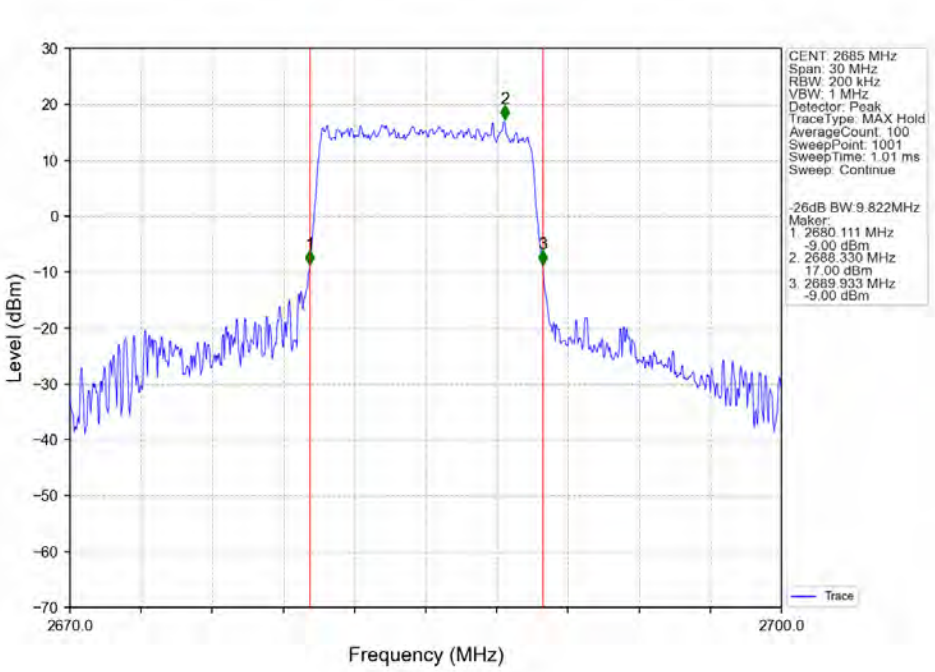
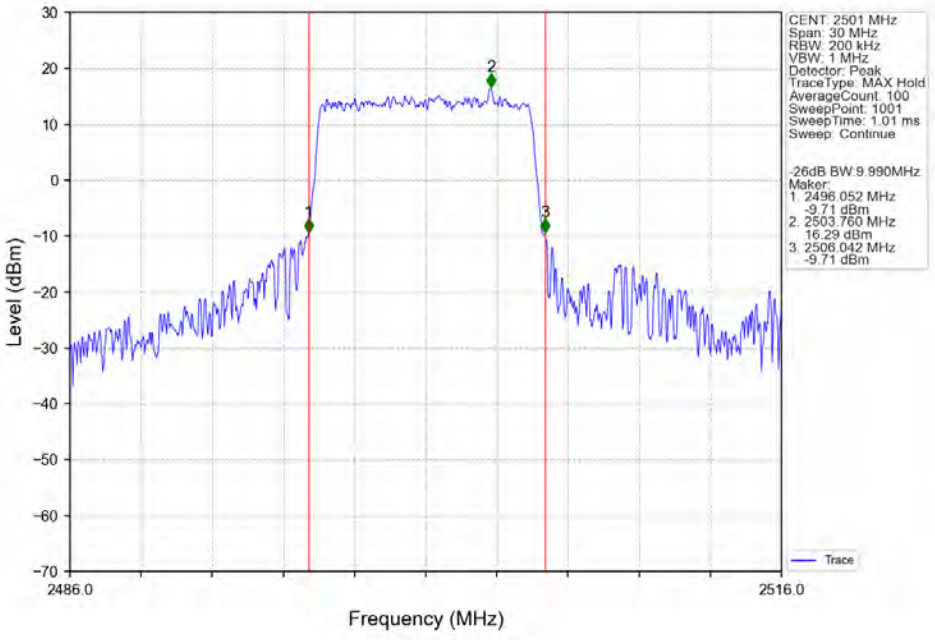
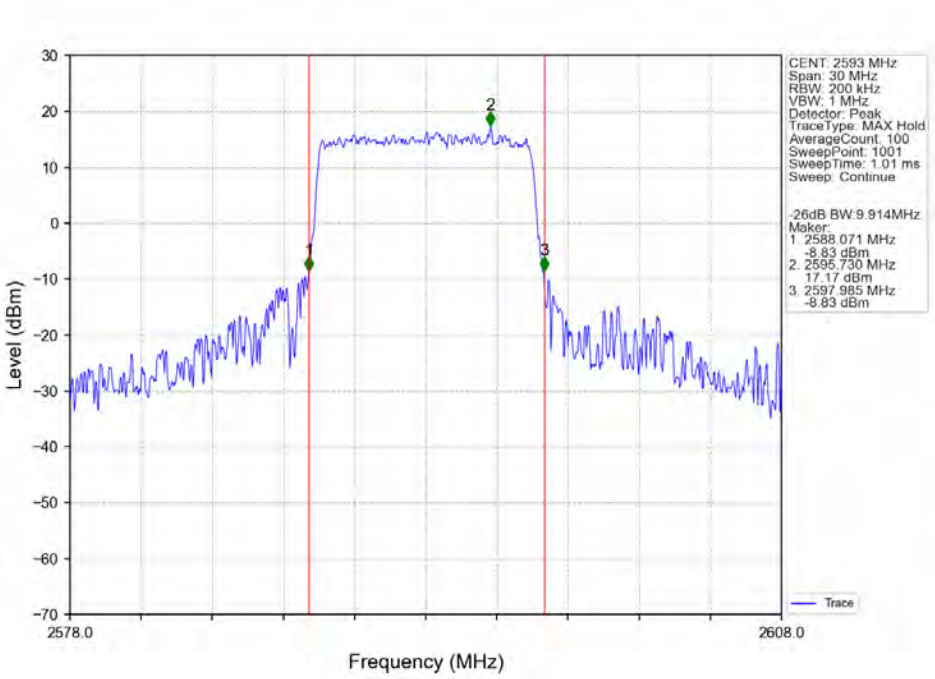
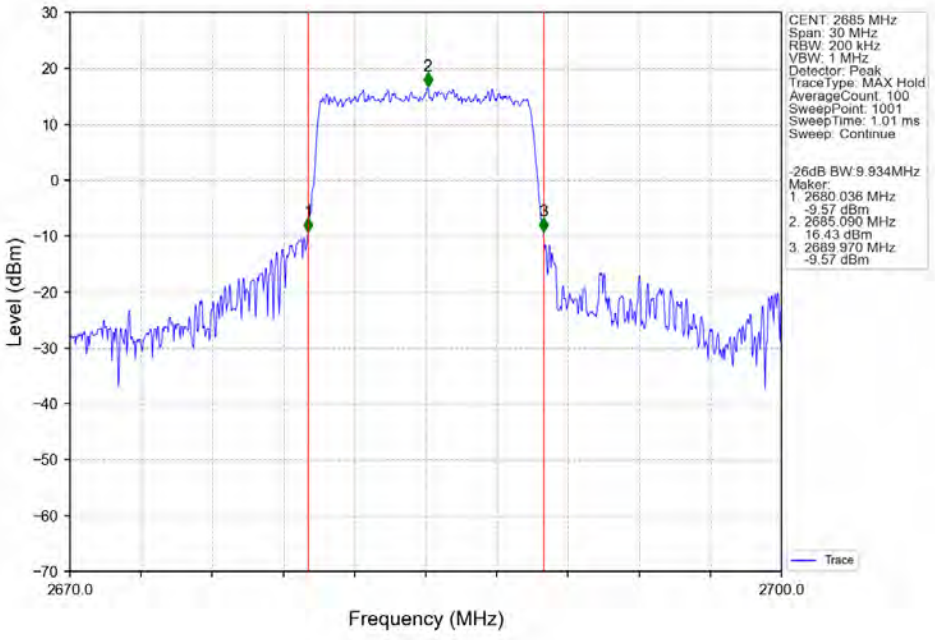
|  |
| Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV |
|  |

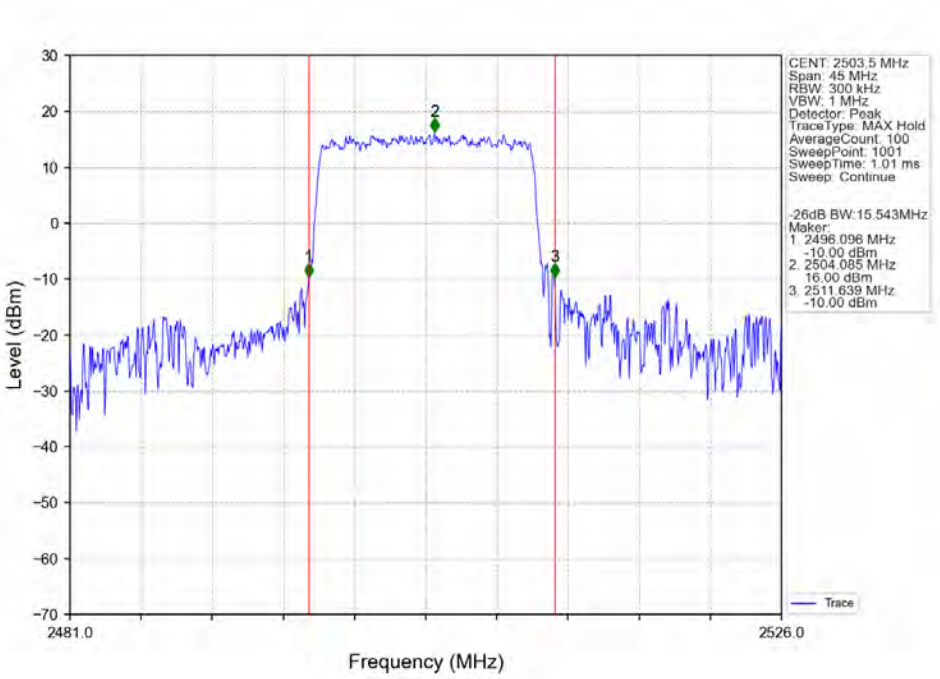
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



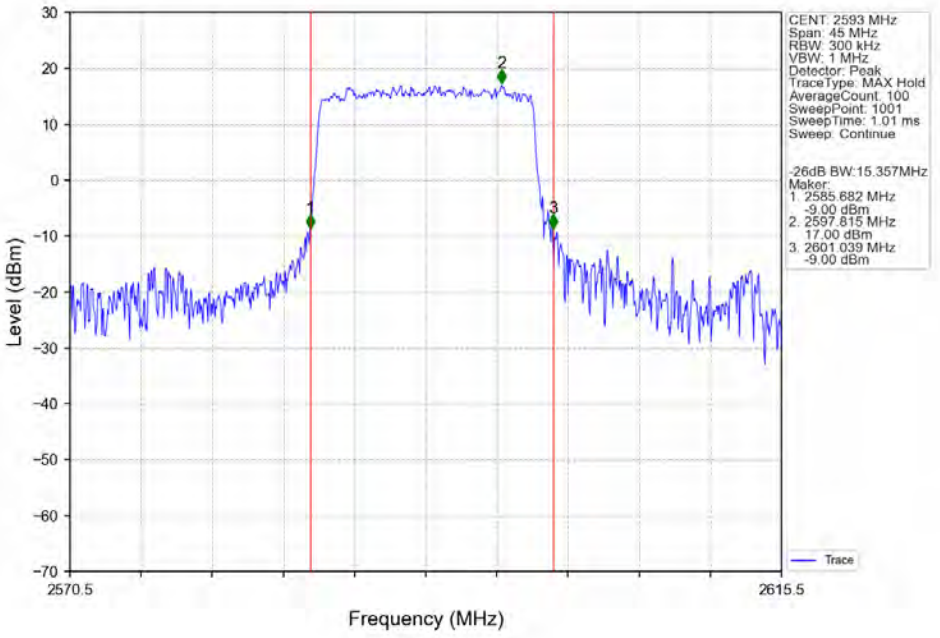

Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



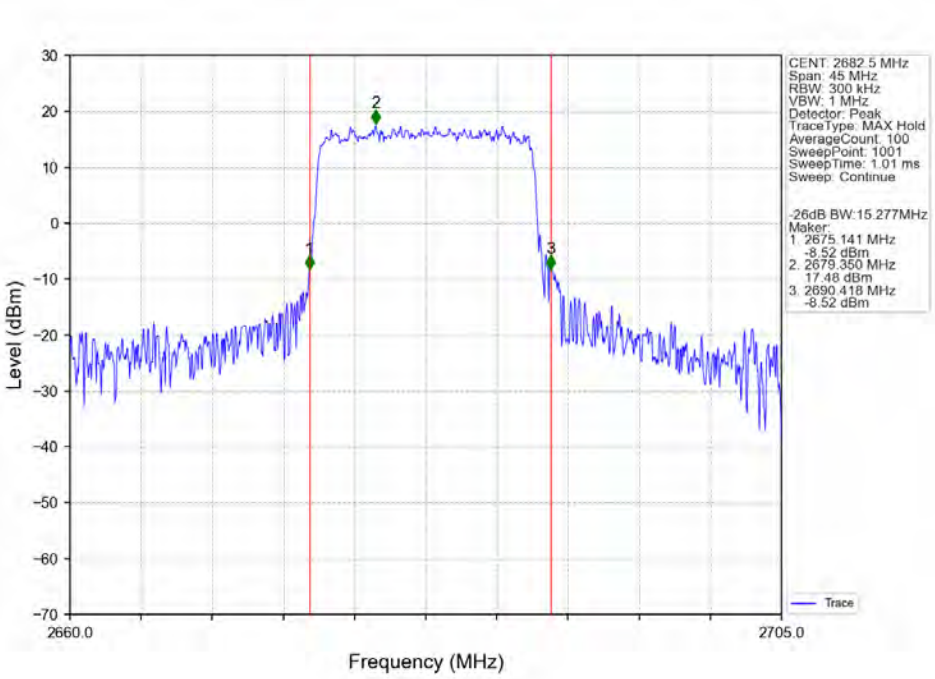
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



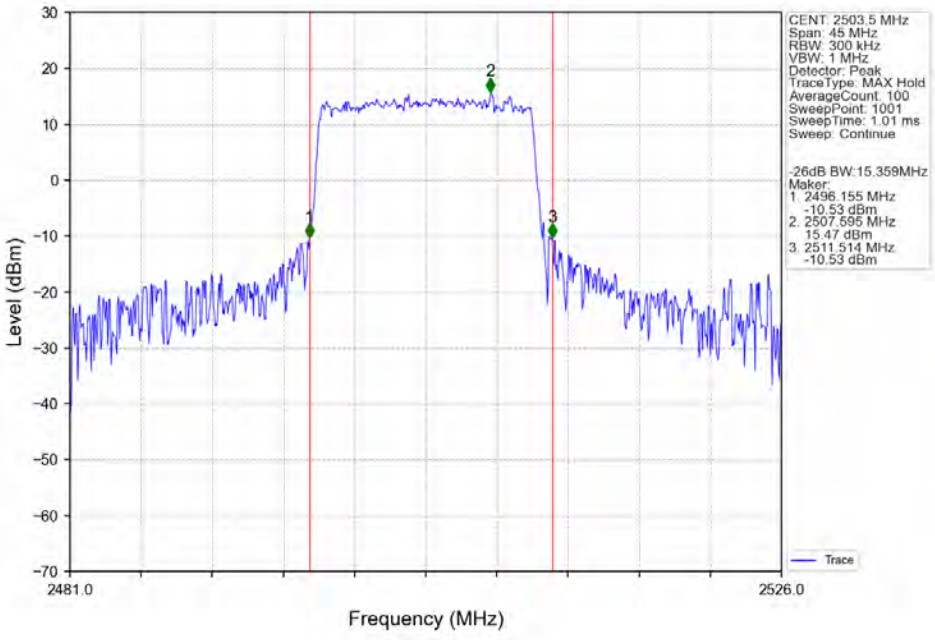

Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



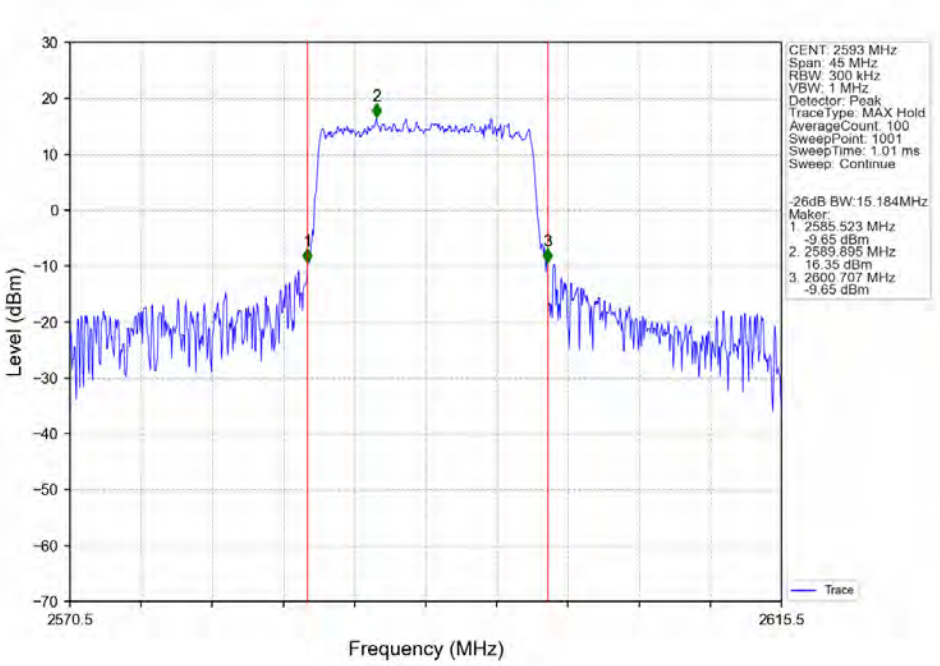
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



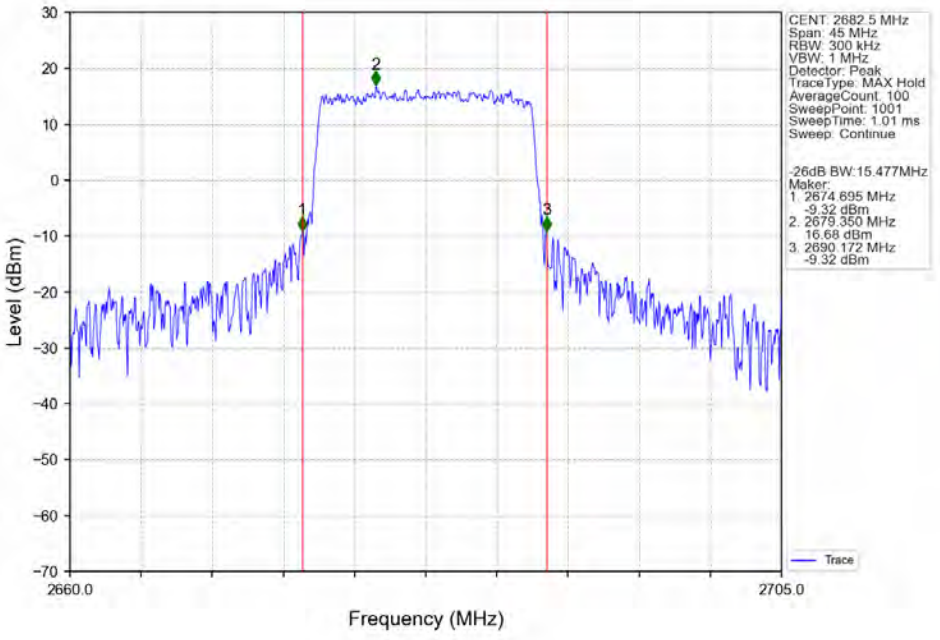

Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



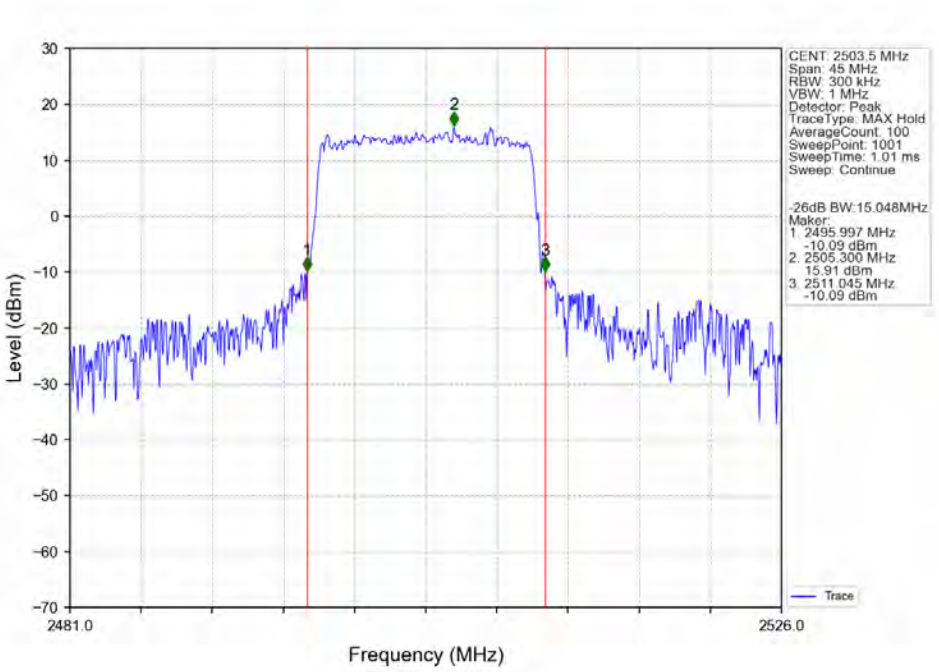
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



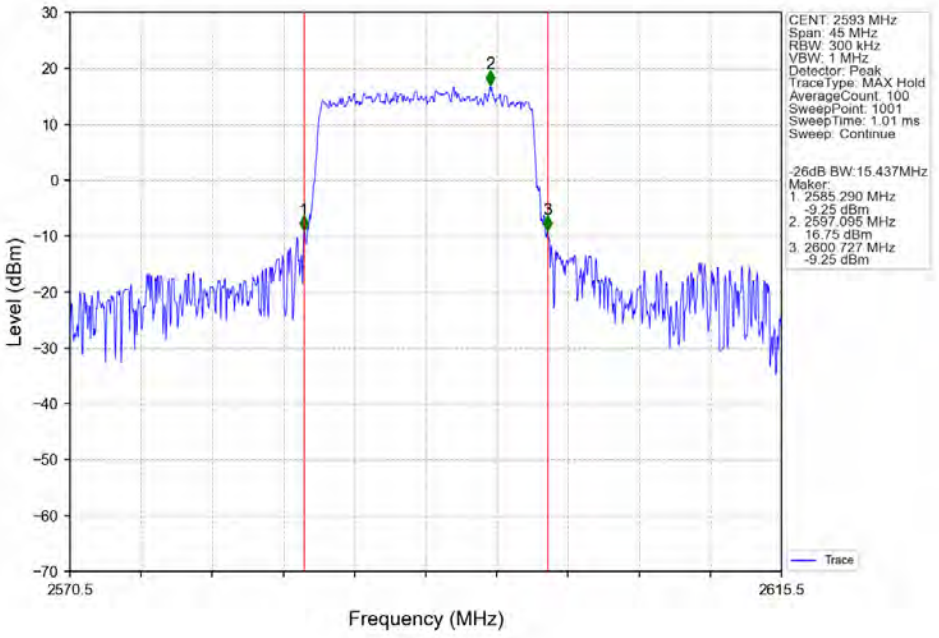

Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV




Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



| Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV |
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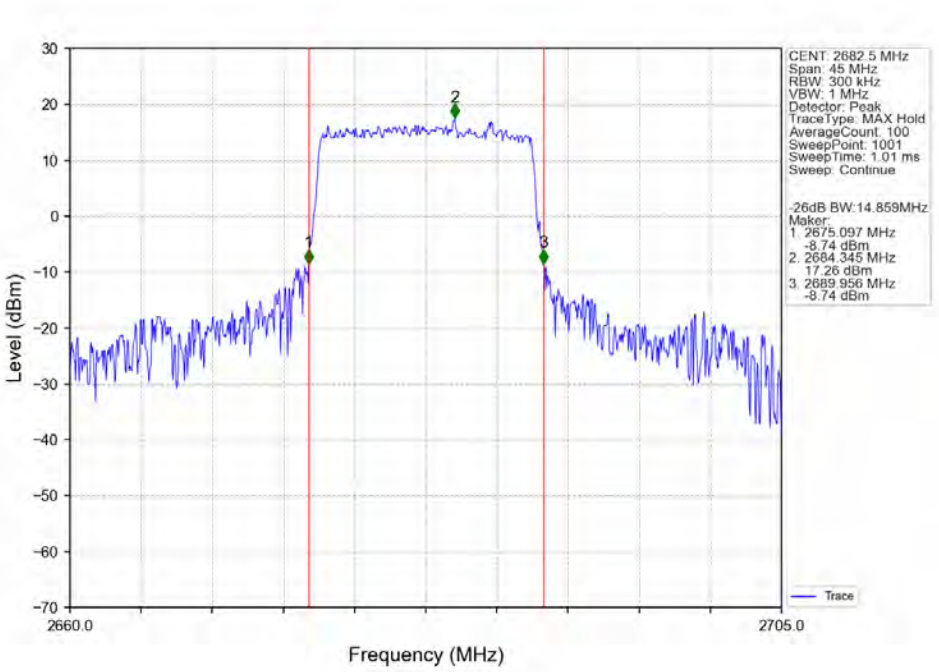
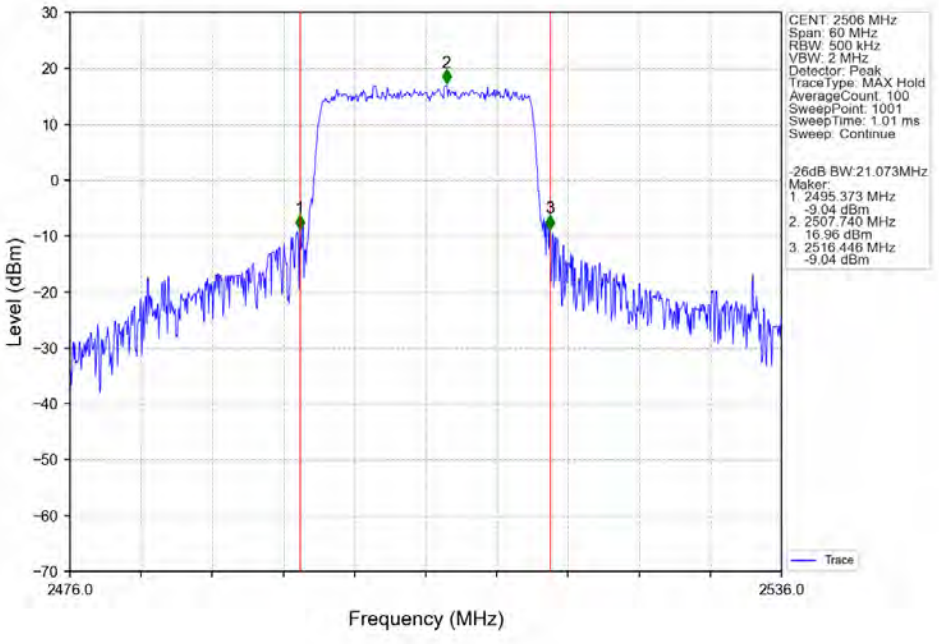
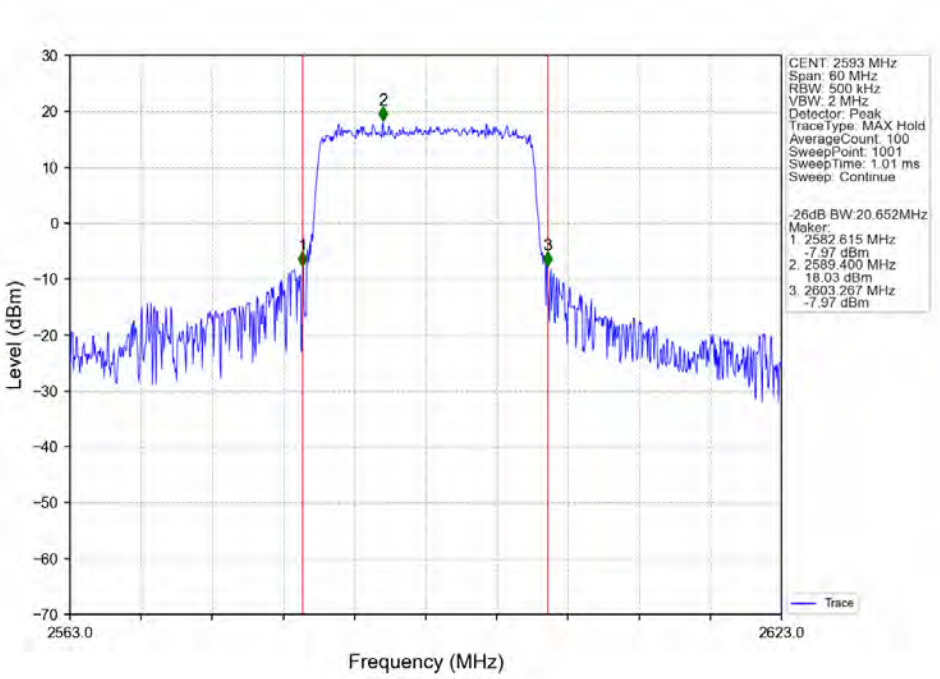
|  |

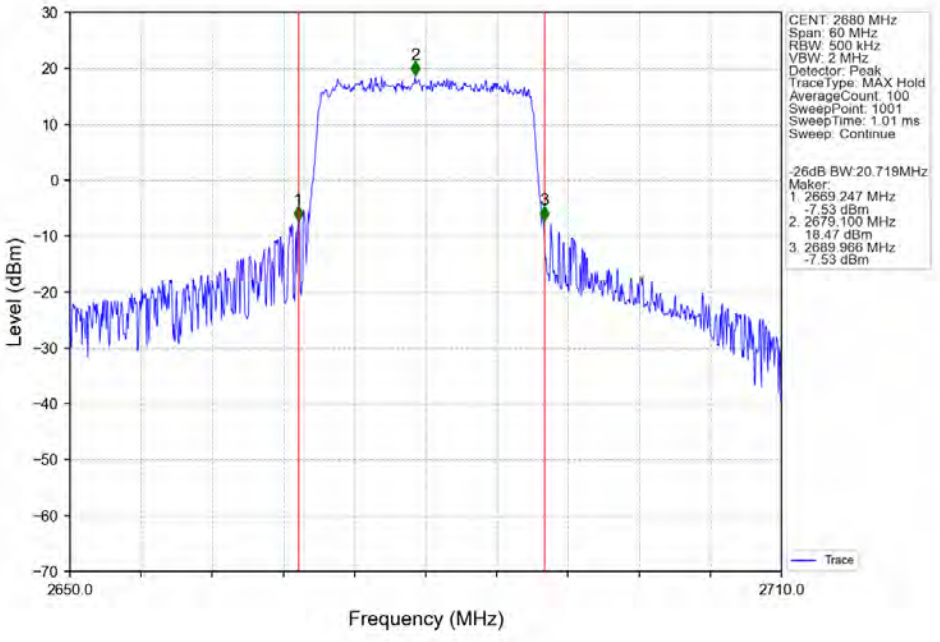


| Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV |
| --- |
|  |

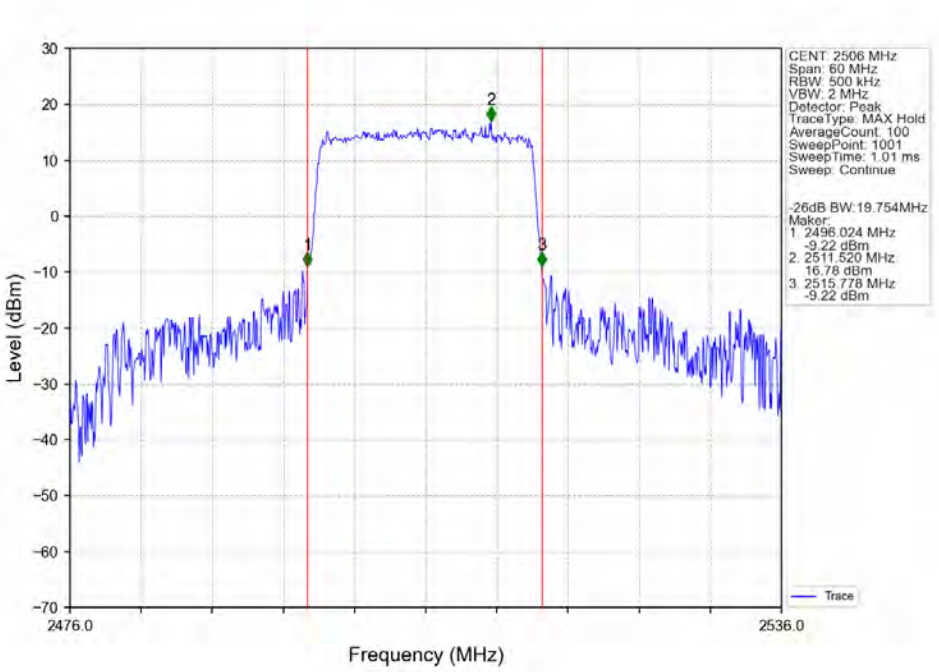
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



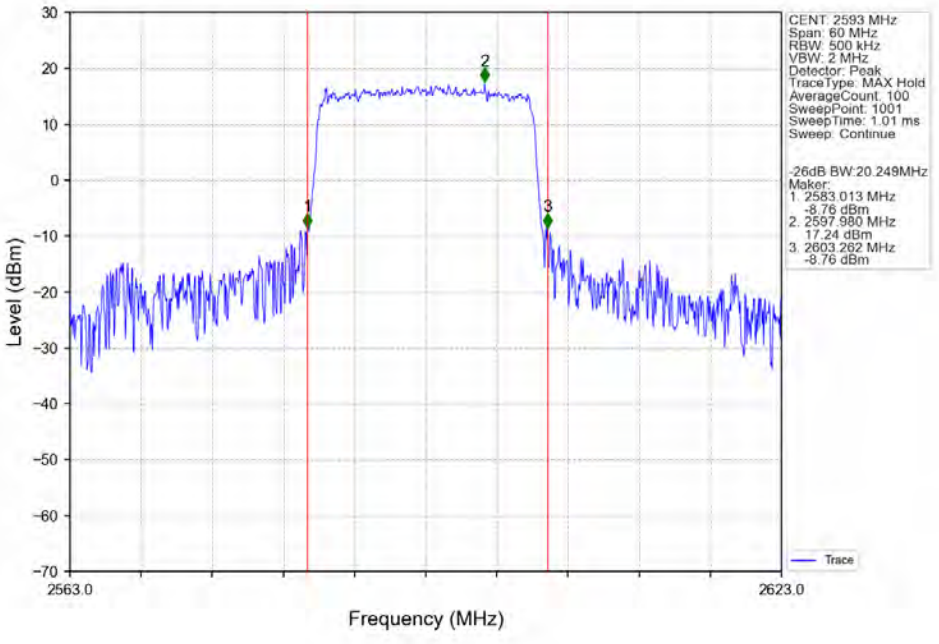

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV

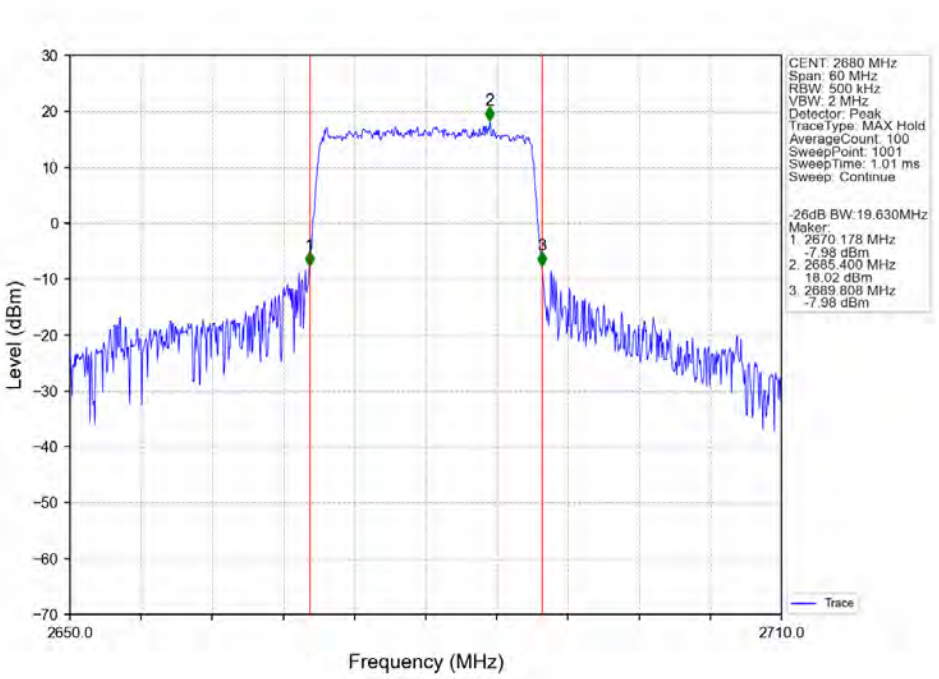


Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV

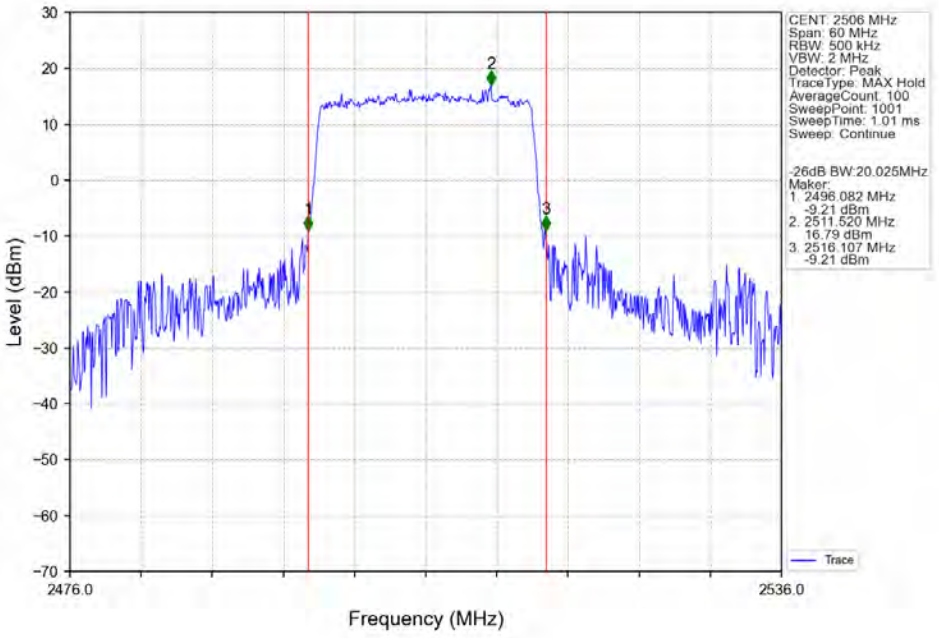



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV

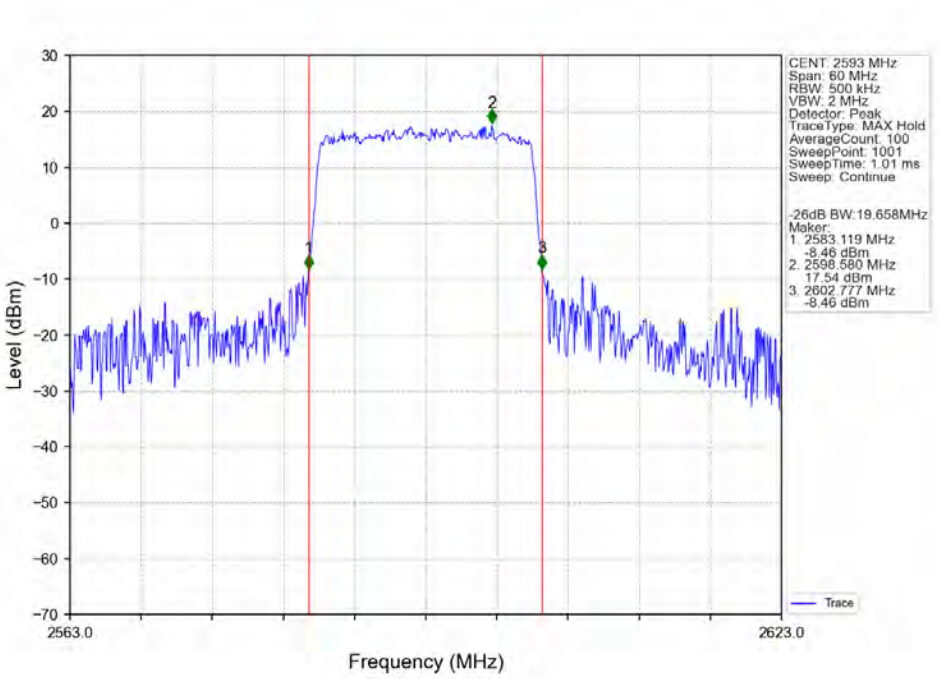


| Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV |
| --- |
|  |

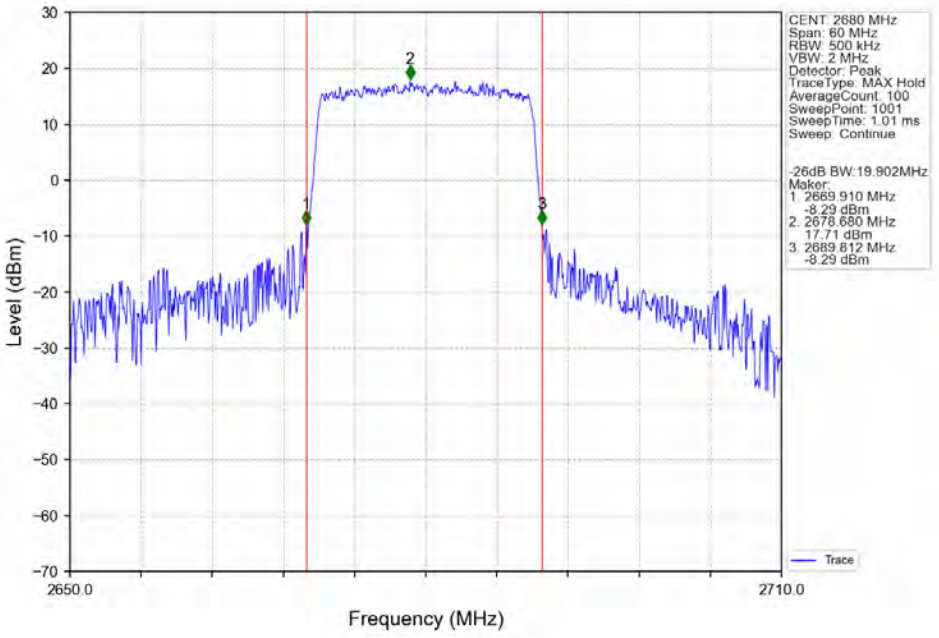


| Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV |
| --- |
|  |

Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV




Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



# 4. Peak-Average Ratio

## 4.1 Test Result

### 4.1.1 B41_5MHz

| Band: 41 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2498.5 | 25 | 0 | 7.28 | <=13 | Pass |
| | 2593 | 25 | 0 | 7.14 | <=13 | Pass |
| | 2687.5 | 25 | 0 | 7.04 | <=13 | Pass |
| 16QAM | 2498.5 | 25 | 0 | 8.08 | <=13 | Pass |
| | 2593 | 25 | 0 | 7.98 | <=13 | Pass |
| | 2687.5 | 25 | 0 | 7.82 | <=13 | Pass |
| 64QAM | 2498.5 | 25 | 0 | 8.04 | <=13 | Pass |
| | 2593 | 25 | 0 | 7.92 | <=13 | Pass |
| | 2687.5 | 25 | 0 | 7.82 | <=13 | Pass |

### 4.1.2 B41_10MHz

| Band: 41 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2501 | 50 | 0 | 7.36 | <=13 | Pass |
| | 2593 | 50 | 0 | 7.20 | <=13 | Pass |
| | 2685 | 50 | 0 | 7.16 | <=13 | Pass |
| 16QAM | 2501 | 50 | 0 | 8.08 | <=13 | Pass |
| | 2593 | 50 | 0 | 8.00 | <=13 | Pass |
| | 2685 | 50 | 0 | 7.90 | <=13 | Pass |
| 64QAM | 2501 | 50 | 0 | 8.14 | <=13 | Pass |
| | 2593 | 50 | 0 | 8.02 | <=13 | Pass |
| | 2685 | 50 | 0 | 7.88 | <=13 | Pass |

### 4.1.3 B41_15MHz

| Band: 41 / Bandwidth: 15MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2503.5 | 75 | 0 | 7.24 | <=13 | Pass |
| | 2593 | 75 | 0 | 7.14 | <=13 | Pass |
| | 2682.5 | 75 | 0 | 7.04 | <=13 | Pass |
| 16QAM | 2503.5 | 75 | 0 | 8.26 | <=13 | Pass |
| | 2593 | 75 | 0 | 7.90 | <=13 | Pass |
| | 2682.5 | 75 | 0 | 7.60 | <=13 | Pass |
| 64QAM | 2503.5 | 75 | 0 | 8.36 | <=13 | Pass |
| | 2593 | 75 | 0 | 7.88 | <=13 | Pass |
| | 2682.5 | 75 | 0 | 7.60 | <=13 | Pass |

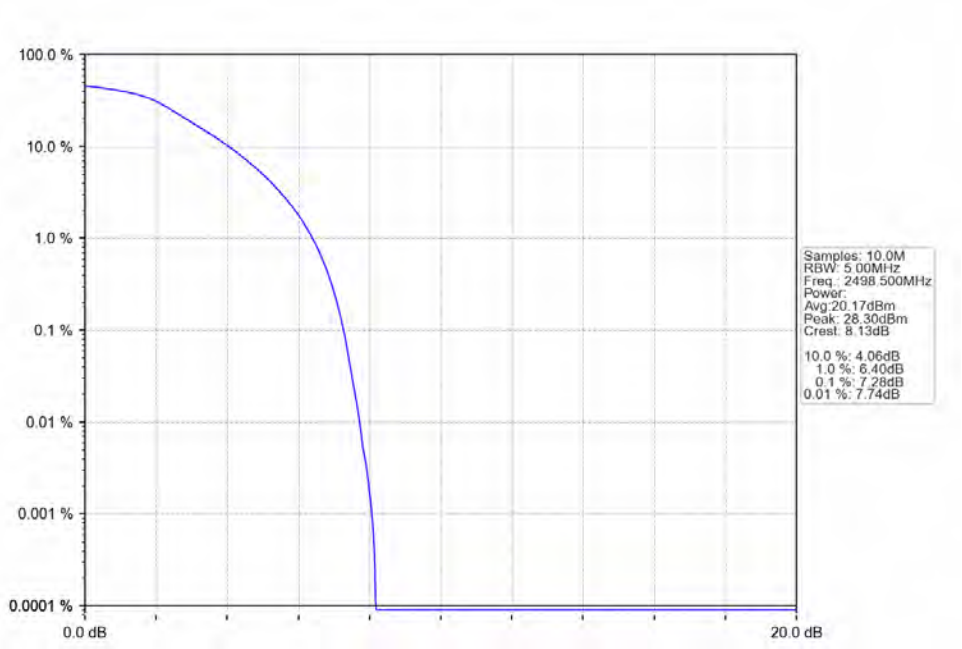
### 4.1.4 B41_20MHz

| Band: 41 / Bandwidth: 20MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2506 | 100 | 0 | 7.32 | <=13 | Pass |
| | 2593 | 100 | 0 | 7.10 | <=13 | Pass |
| | 2680 | 100 | 0 | 6.92 | <=13 | Pass |
| 16QAM | 2506 | 100 | 0 | 8.14 | <=13 | Pass |
| | 2593 | 100 | 0 | 7.92 | <=13 | Pass |
| | 2680 | 100 | 0 | 7.62 | <=13 | Pass |
| 64QAM | 2506 | 100 | 0 | 8.12 | <=13 | Pass |
| | 2593 | 100 | 0 | 8.10 | <=13 | Pass |
| | 2680 | 100 | 0 | 7.72 | <=13 | Pass |

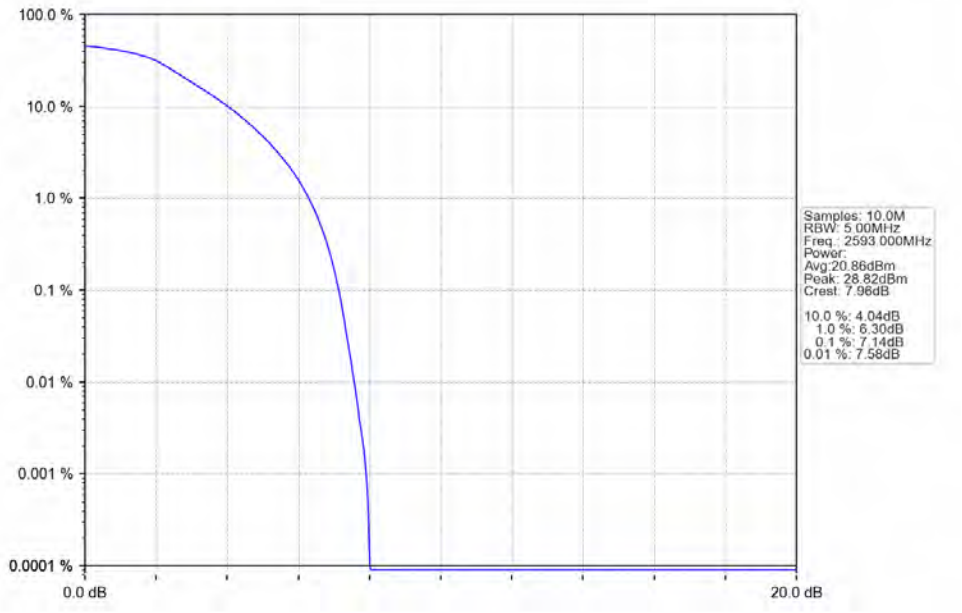
## 4.2 Test Graph

### 4.2.1 B41_5MHz

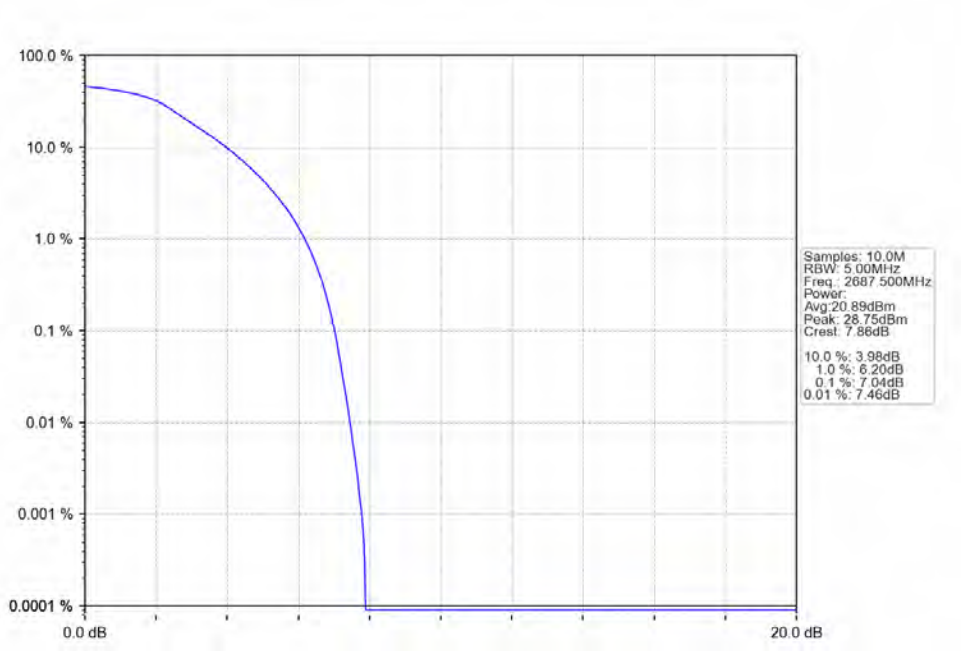
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



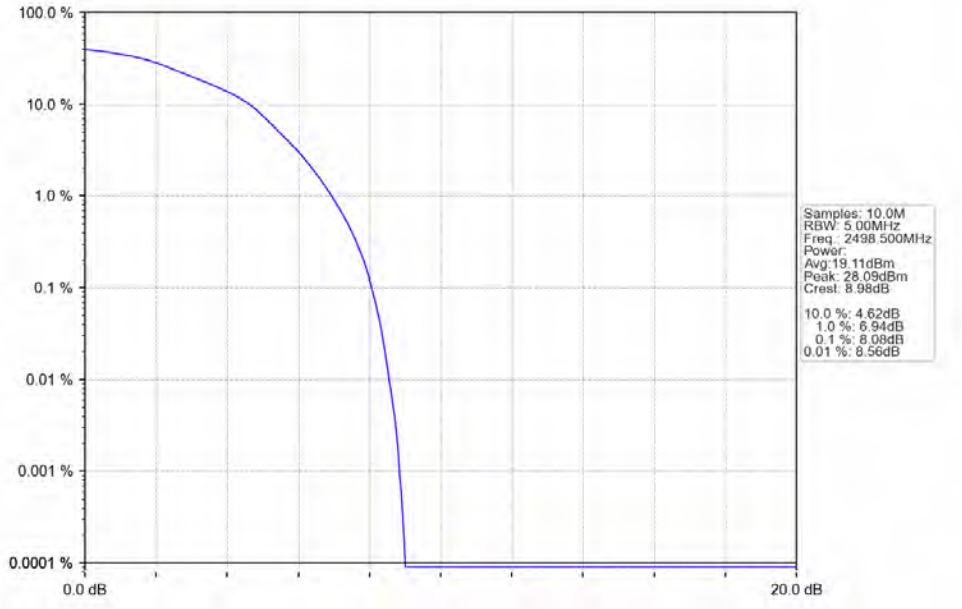

Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



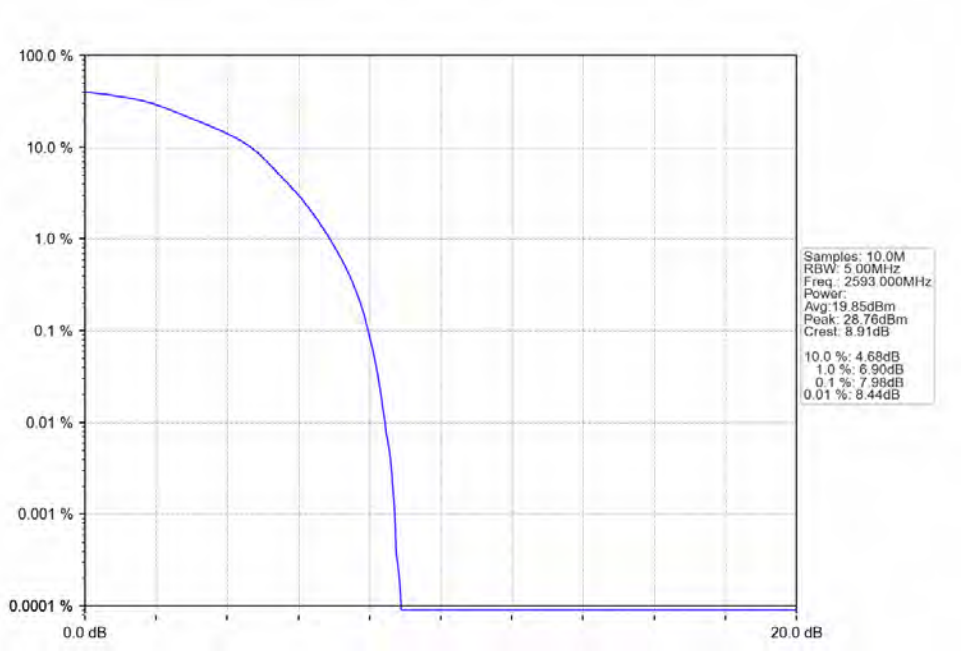
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



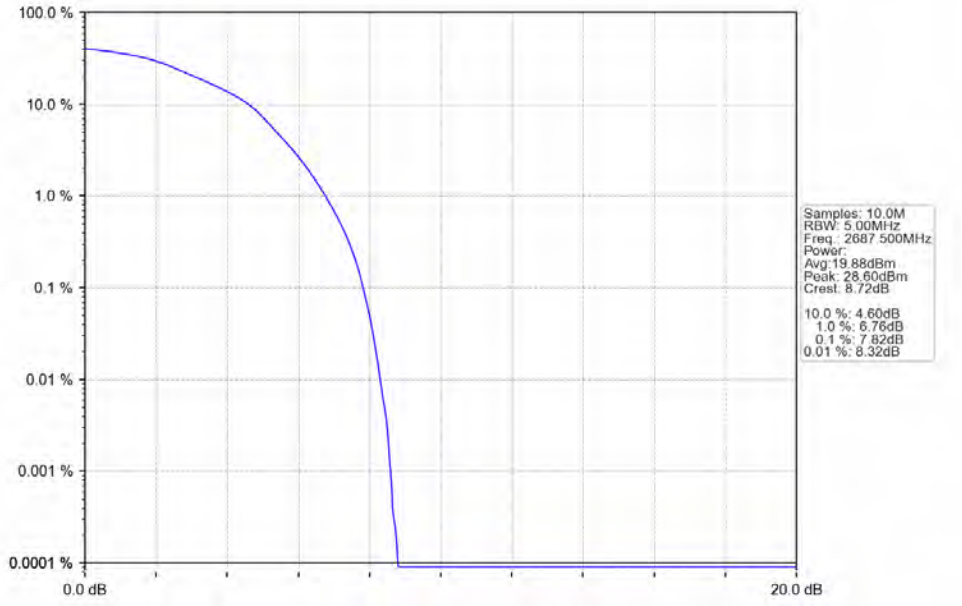

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



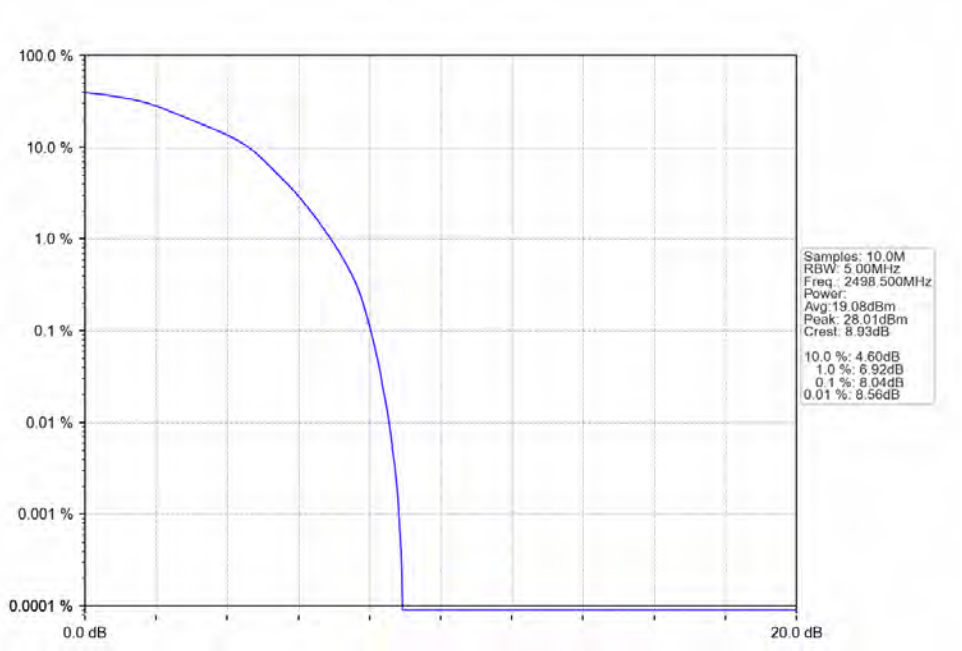
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



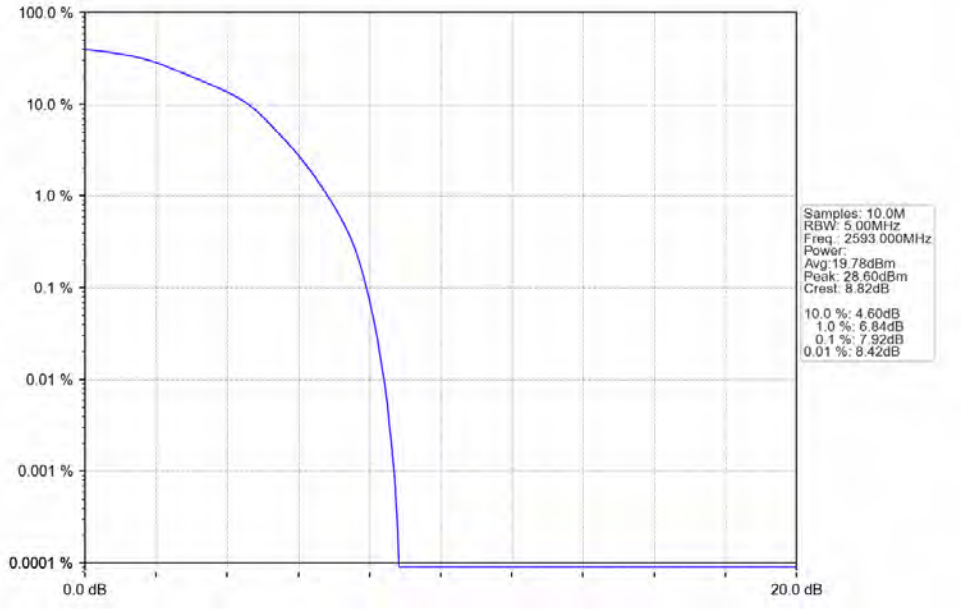

Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



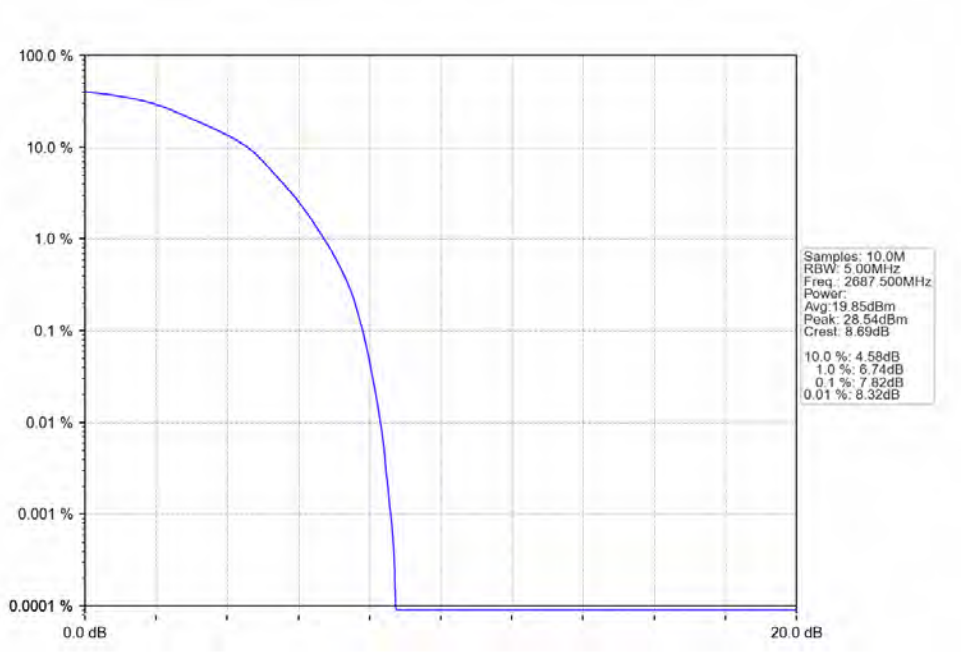
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



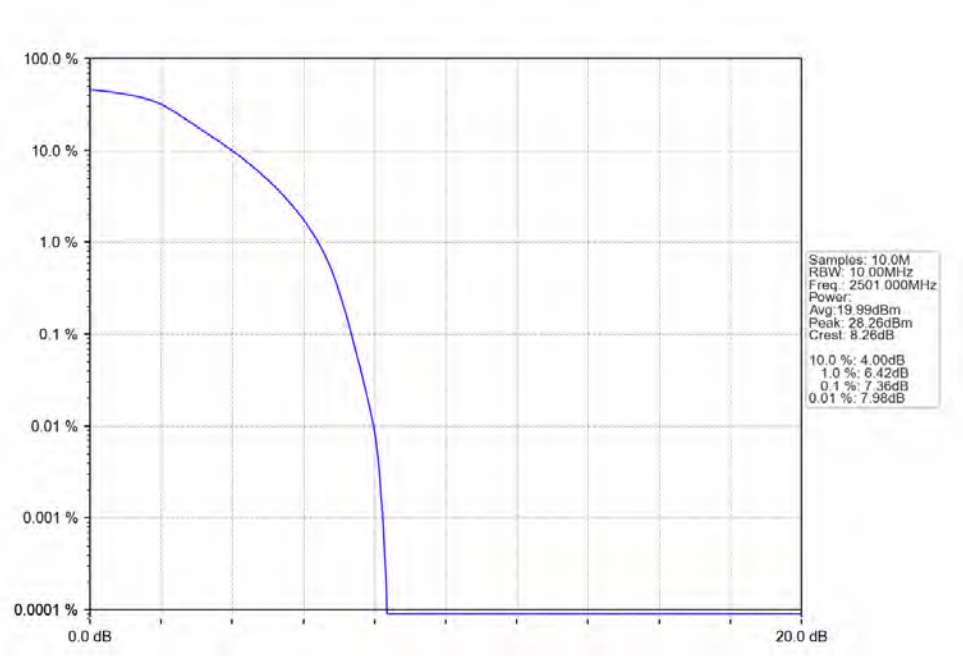
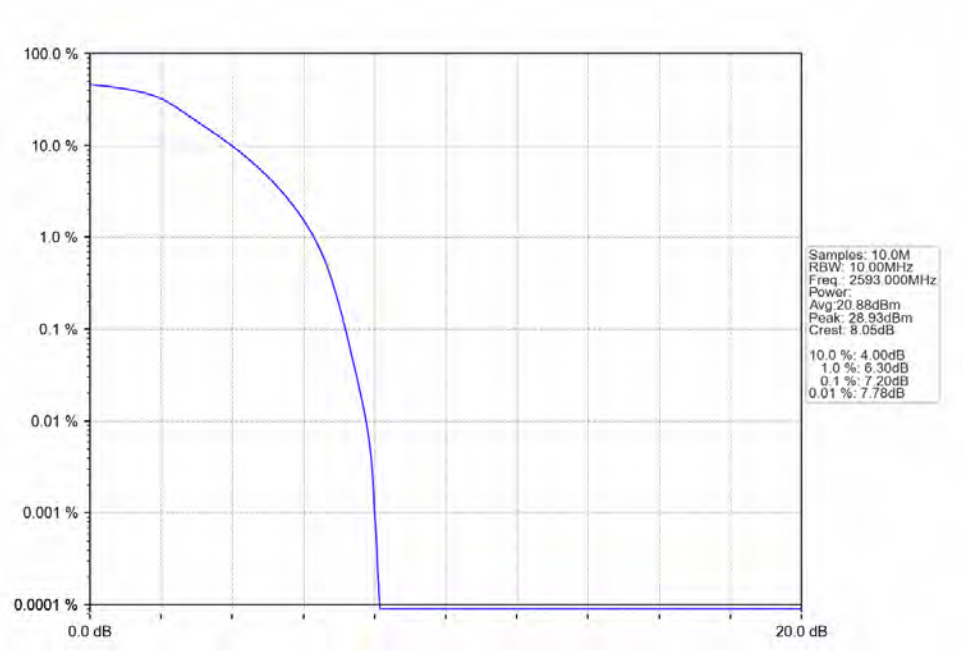

Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



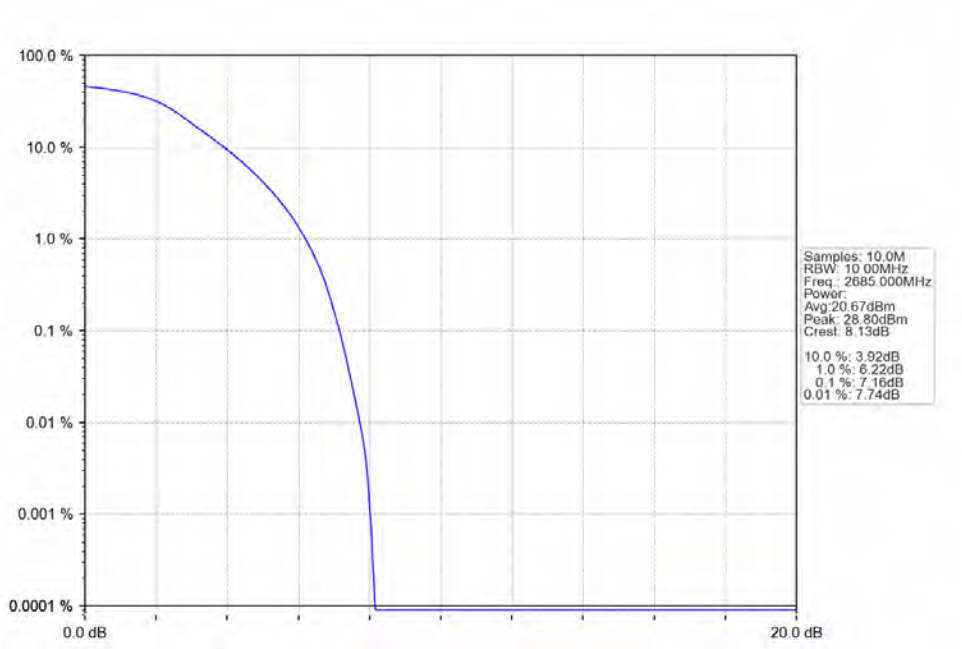
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



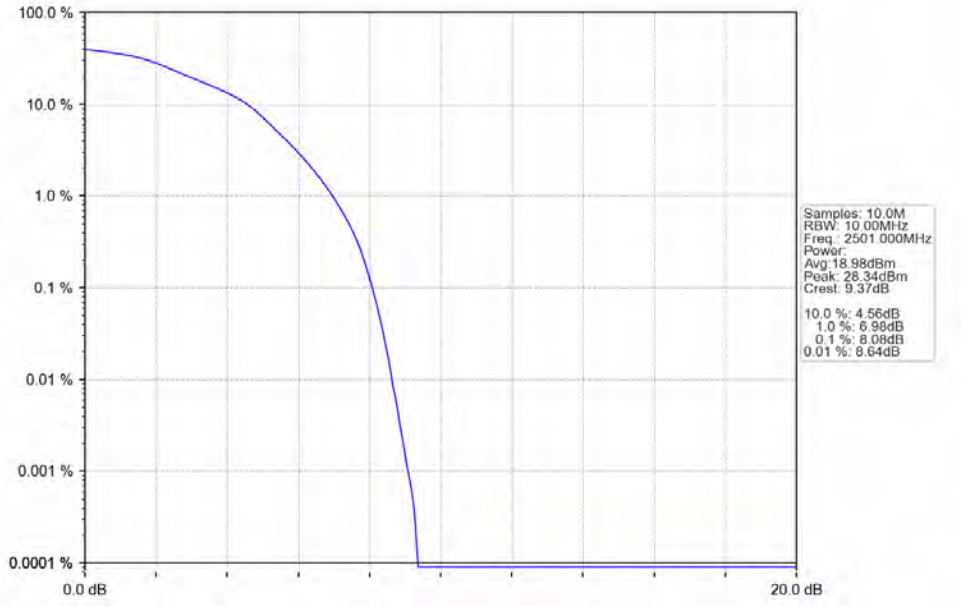
## 4.2.2 B41_10MHz

| Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV |
| --- |
|  |
| Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV |
|  |

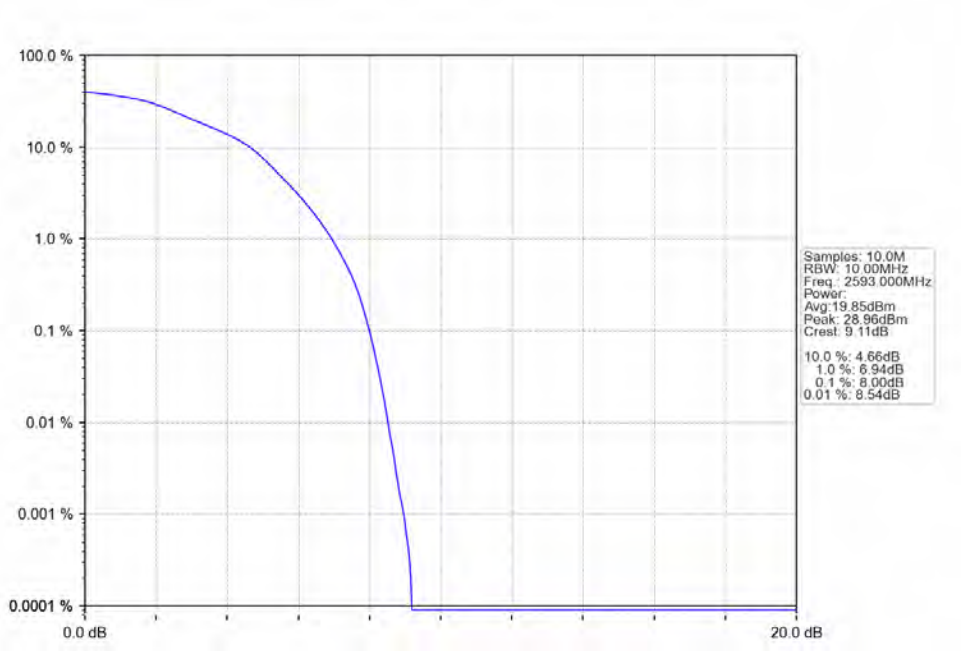
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



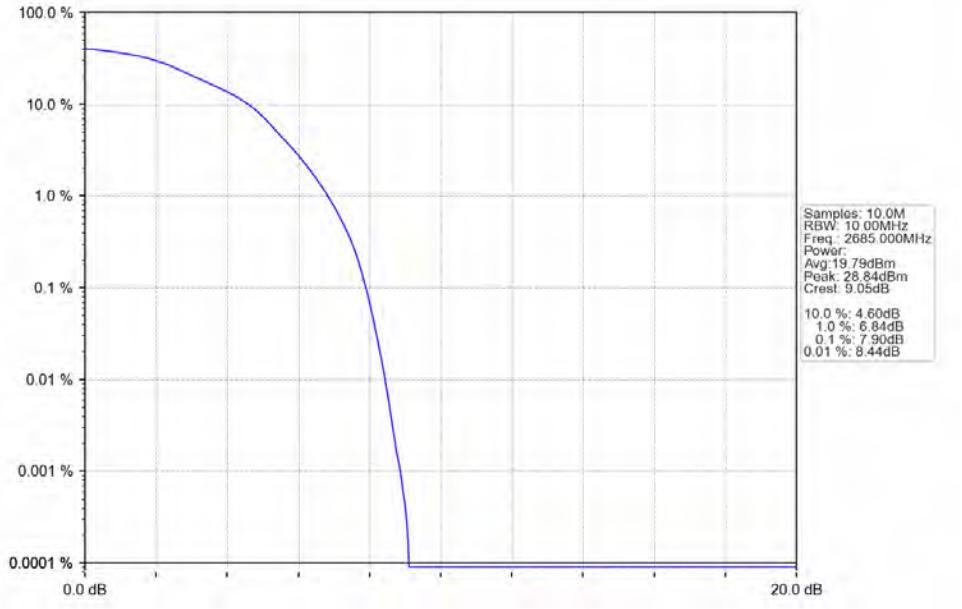

Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



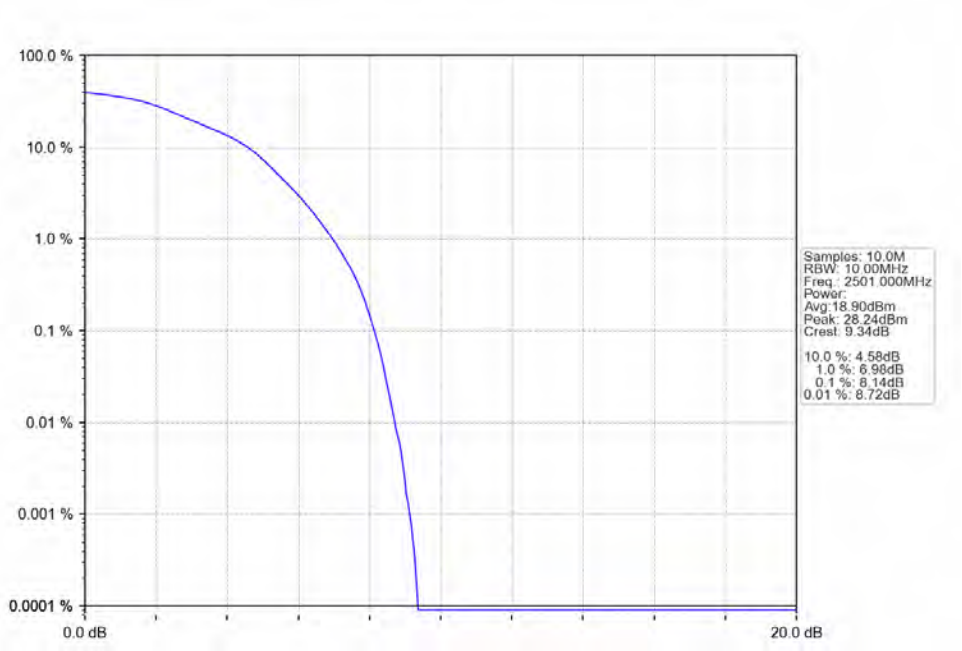
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



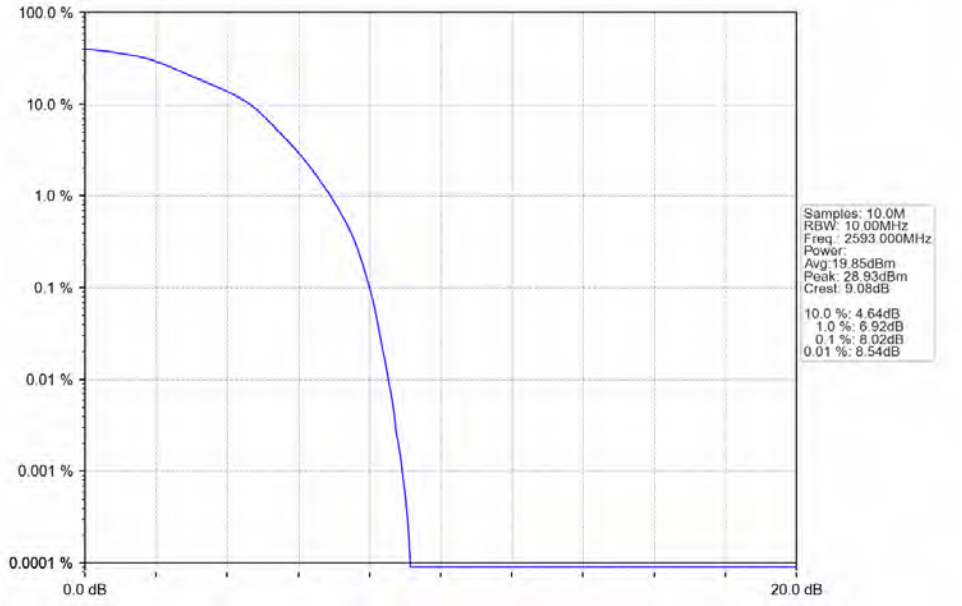

Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



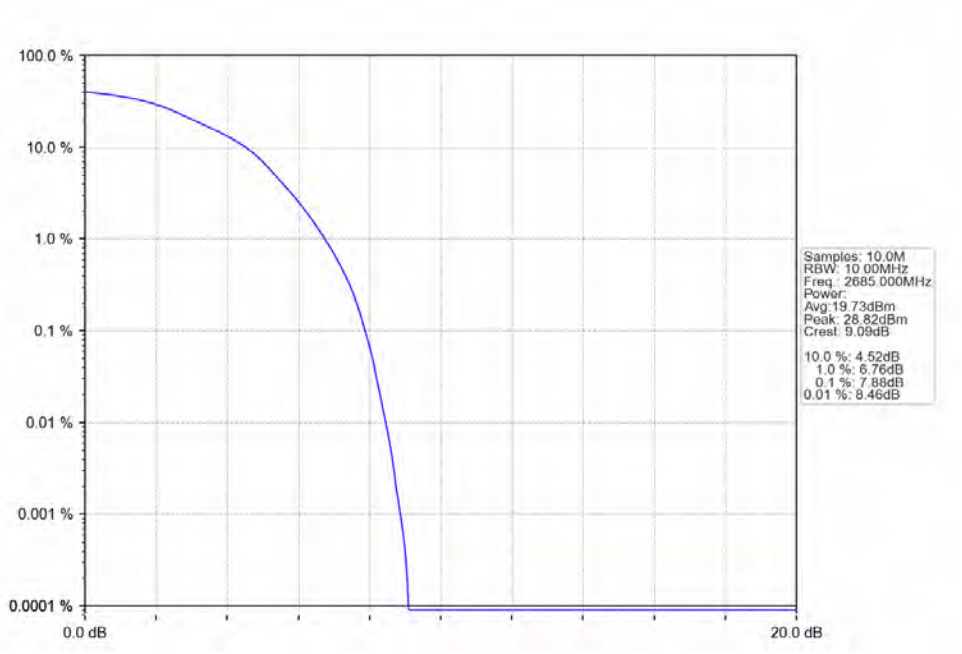
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



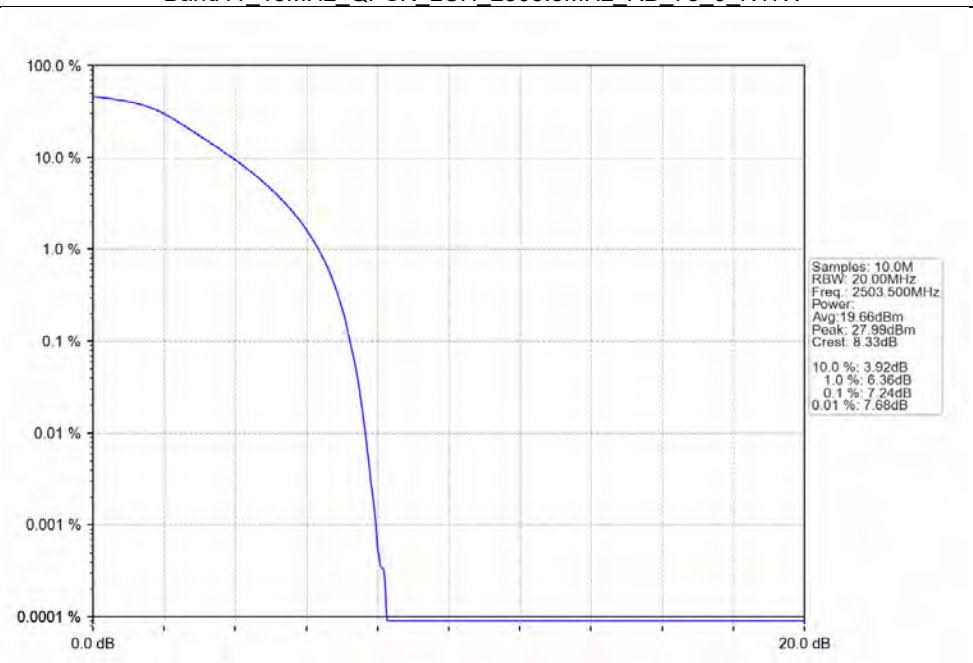
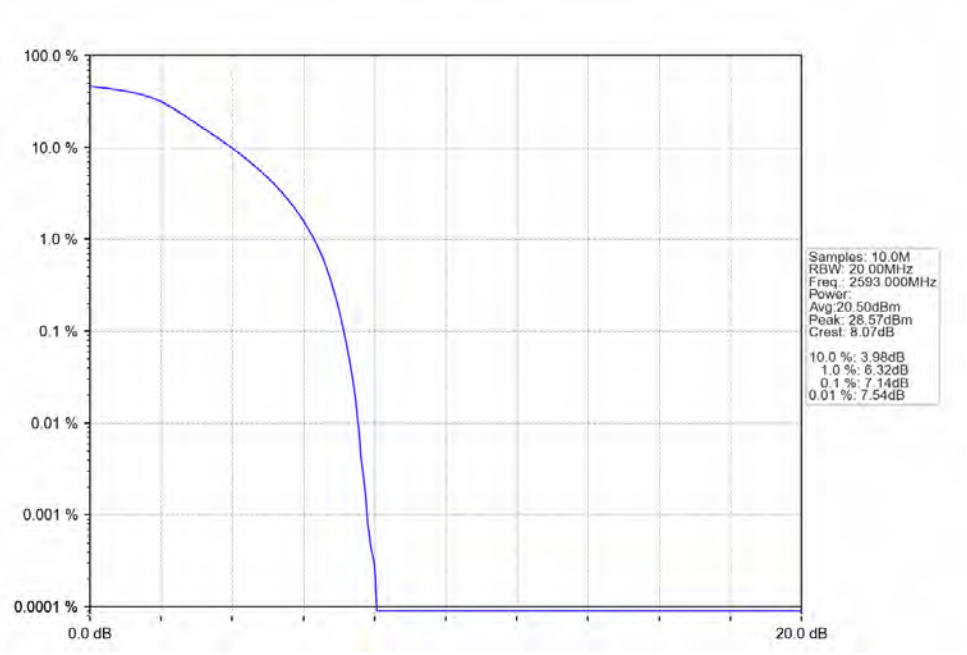

Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



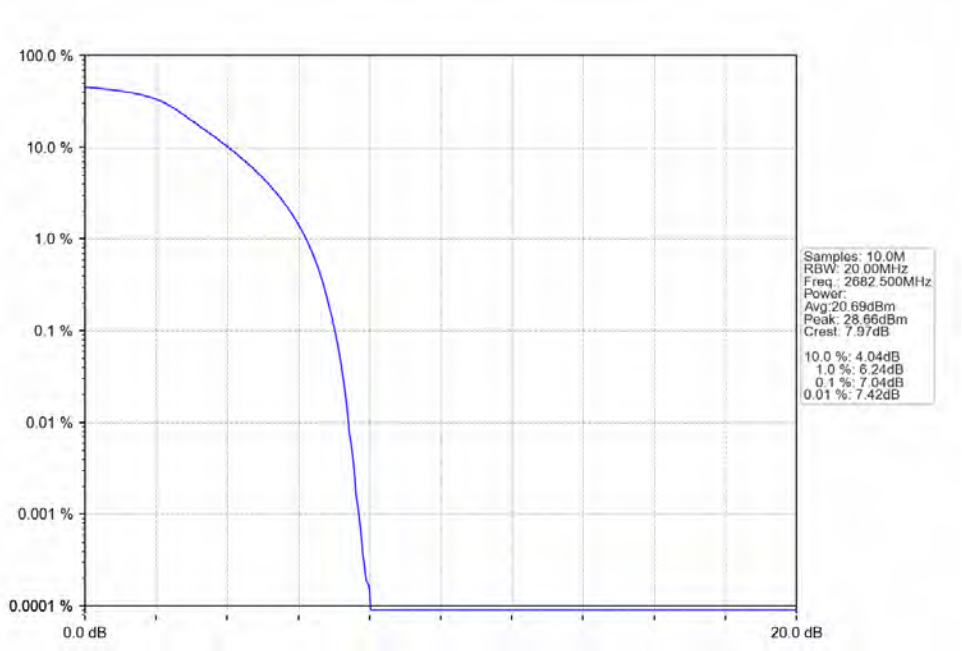
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



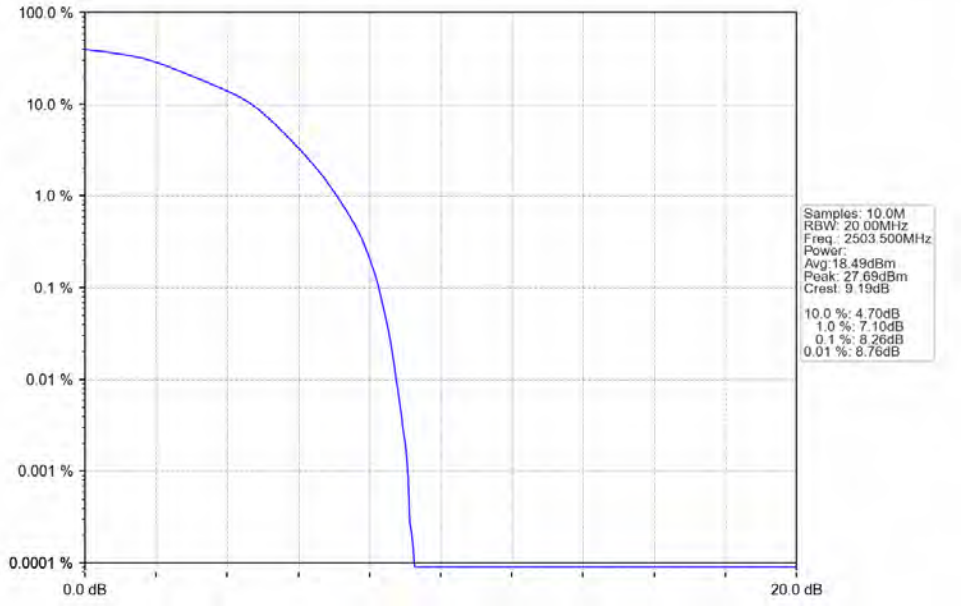
## 4.2.3 B41_15MHz

| Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV |
| --- |
|  |
| Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV |
|  |

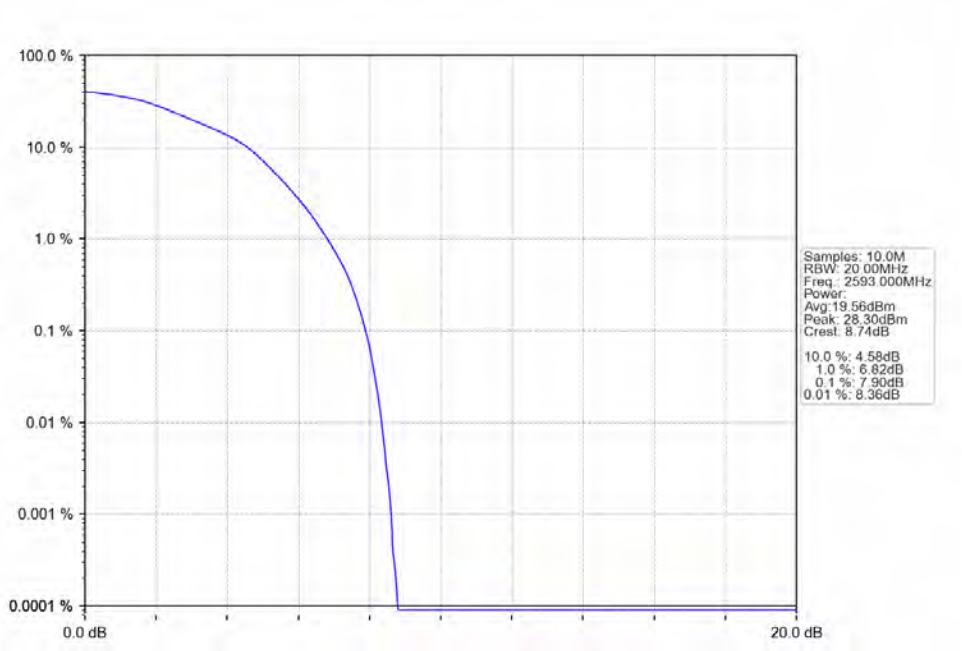
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



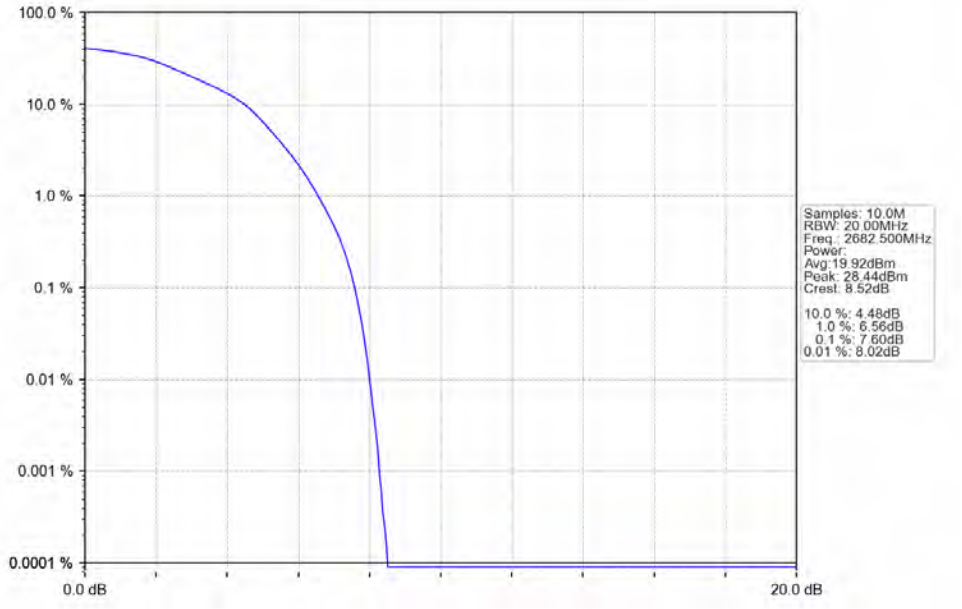

Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



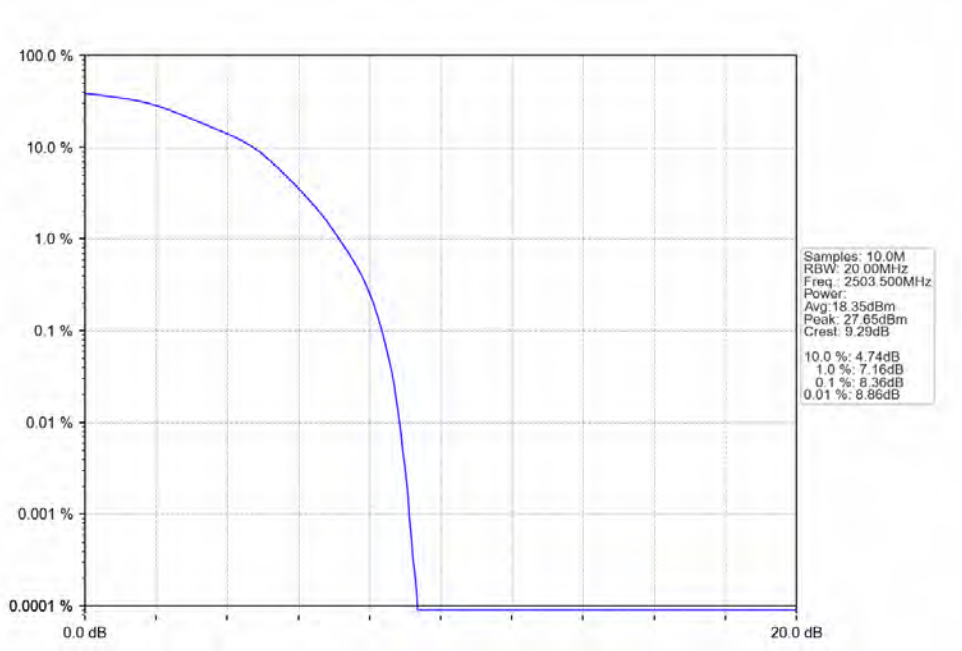
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



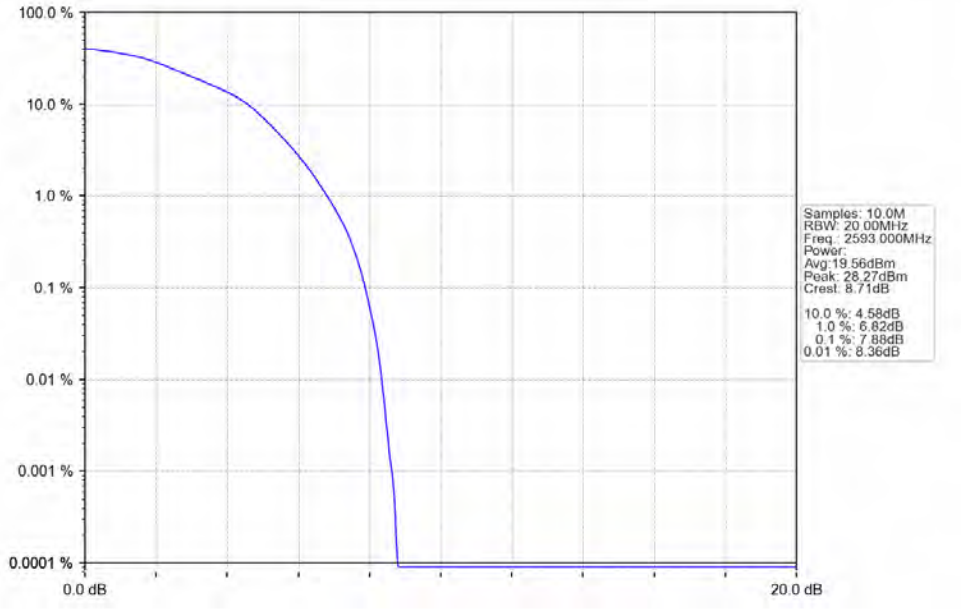

Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



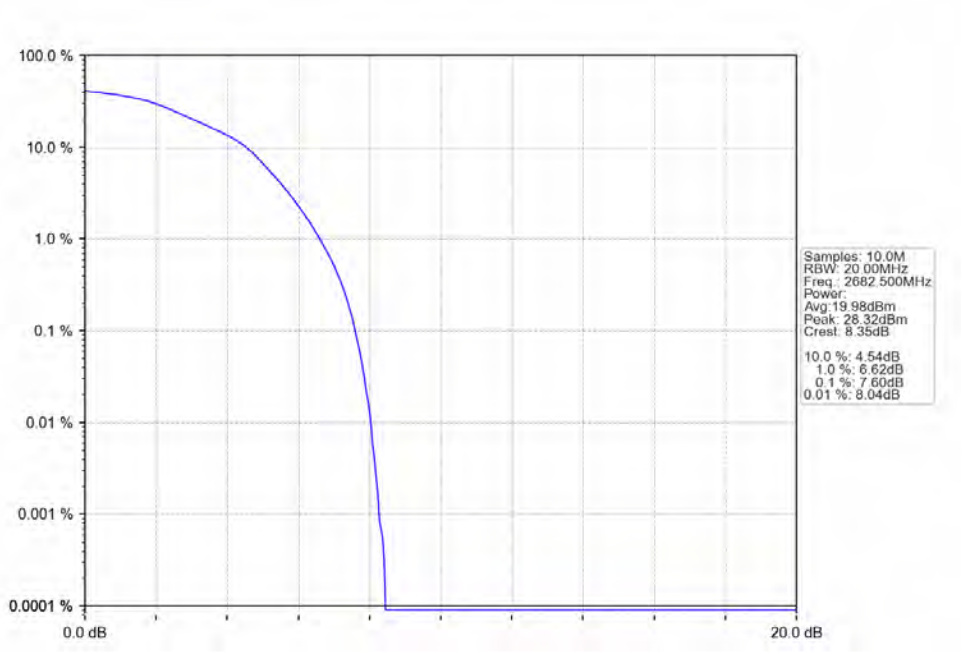
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



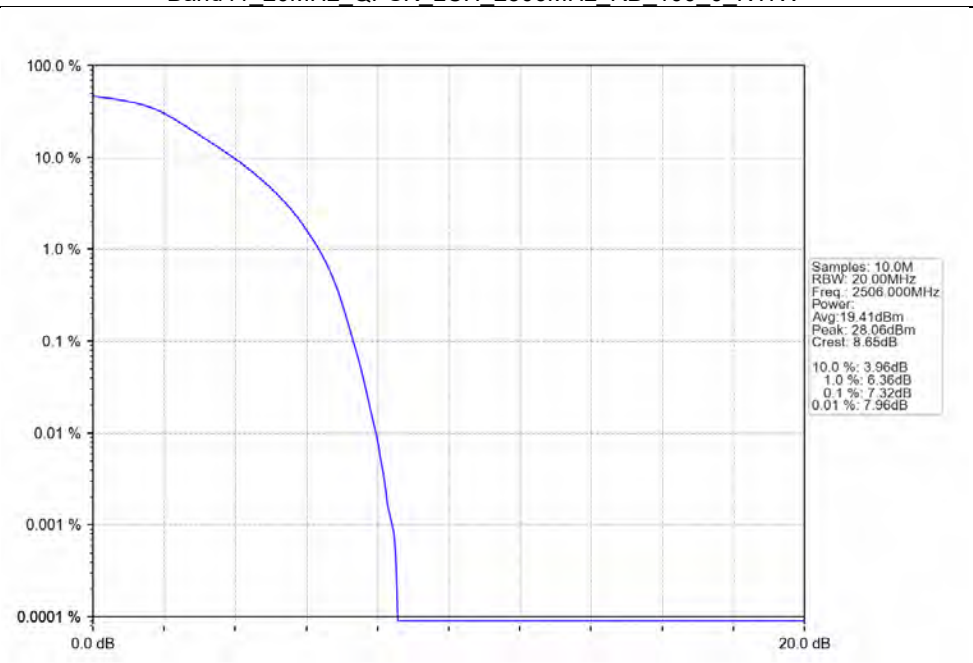
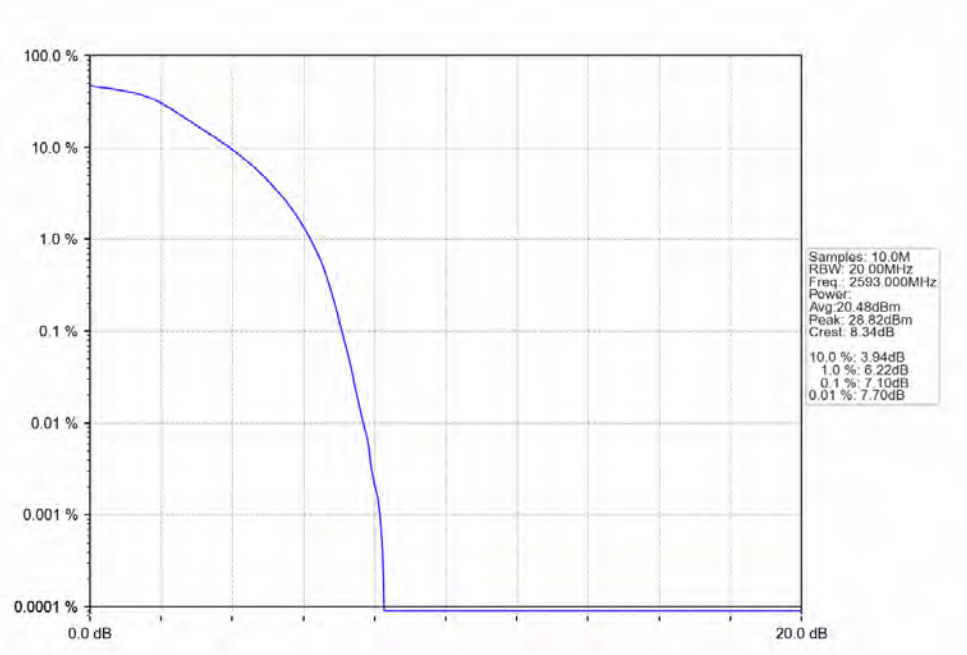

Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



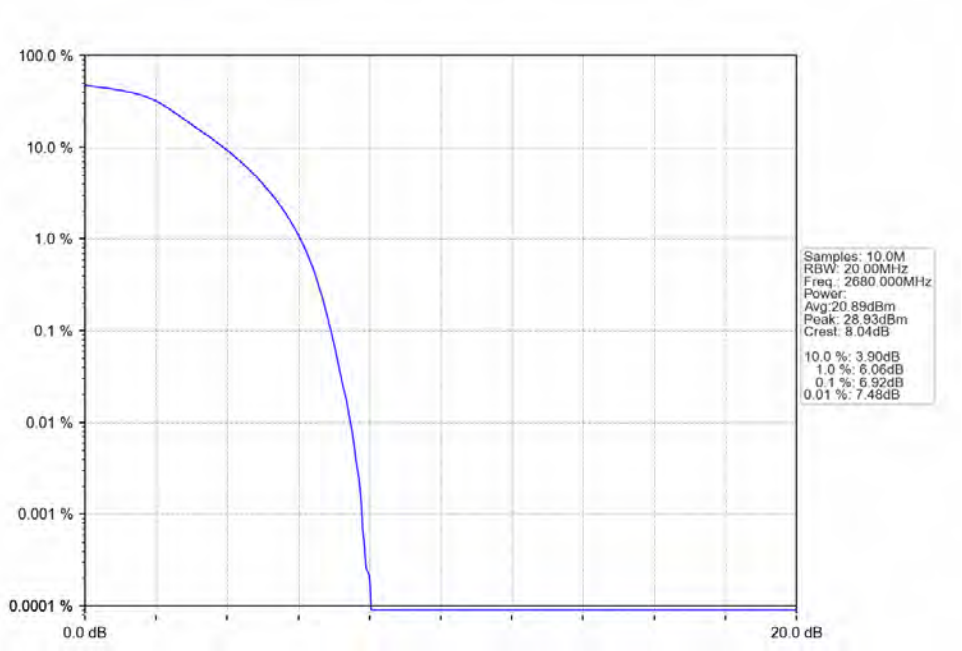
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



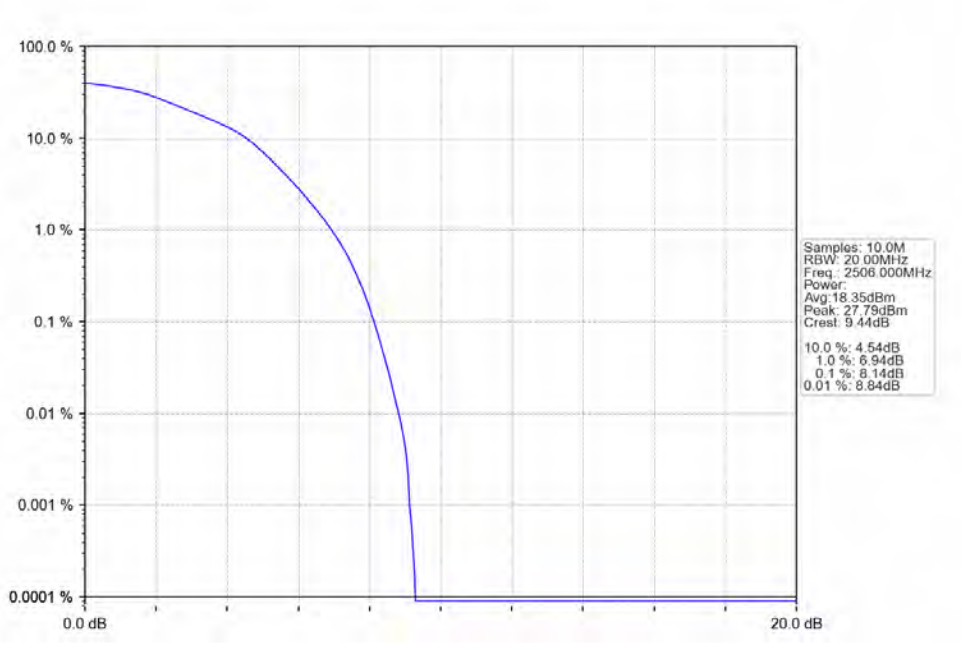
## 4.2.4 B41_20MHz

| Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV |
| --- |
|  |
| Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV |
|  |

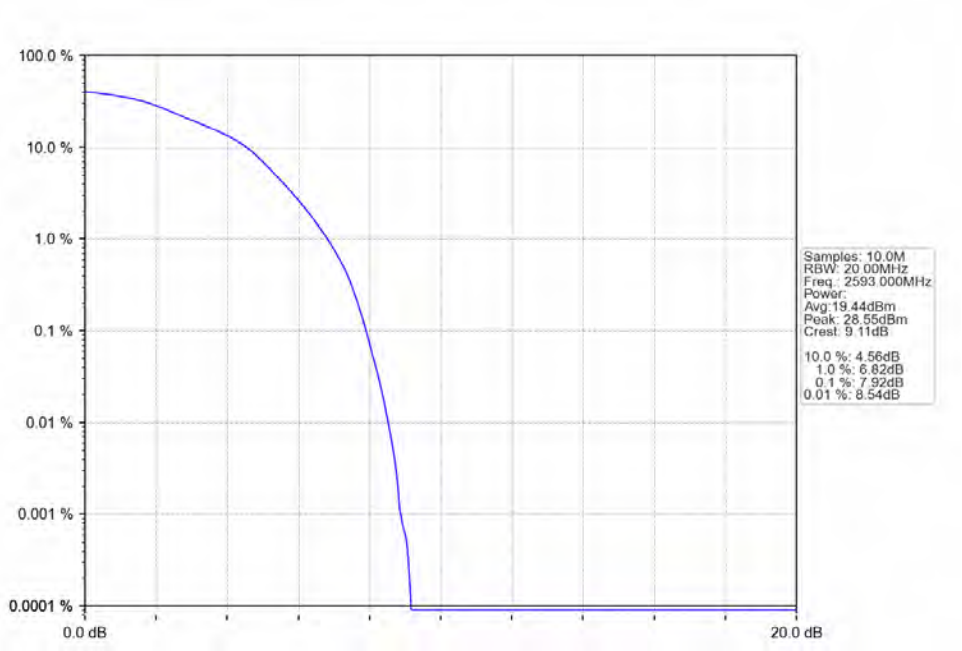
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



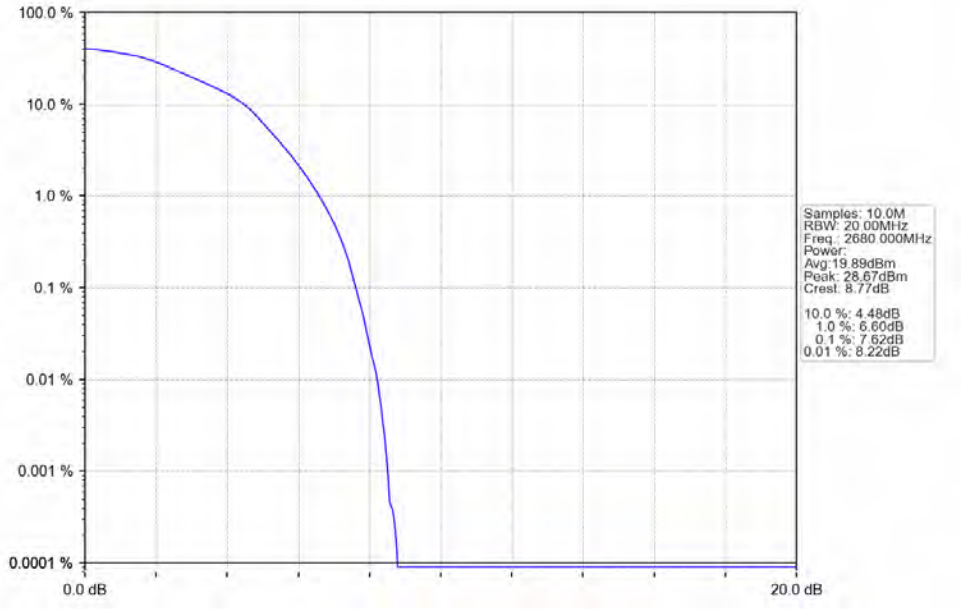

Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



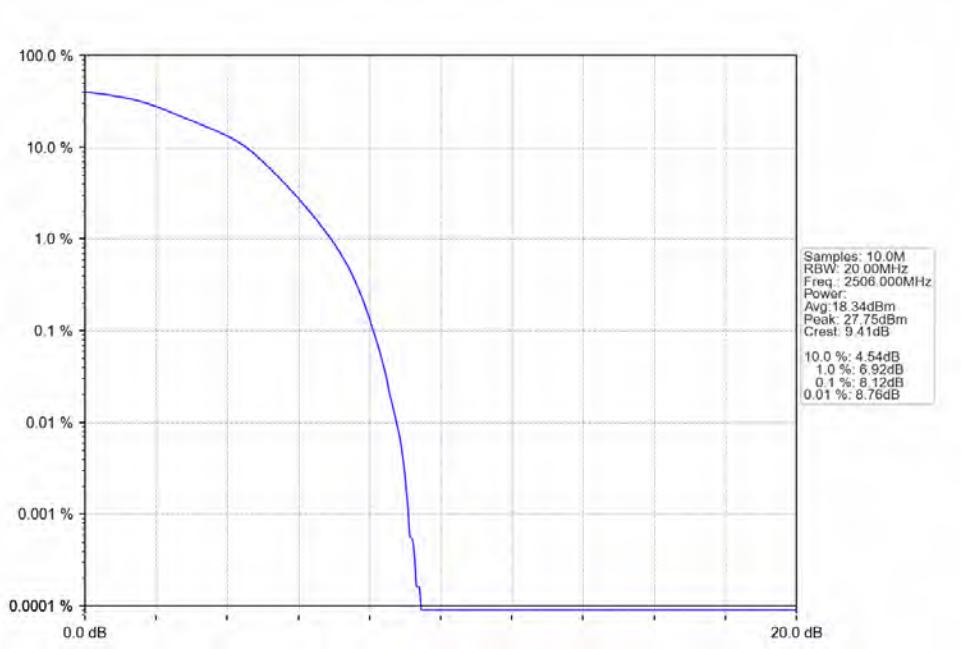
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



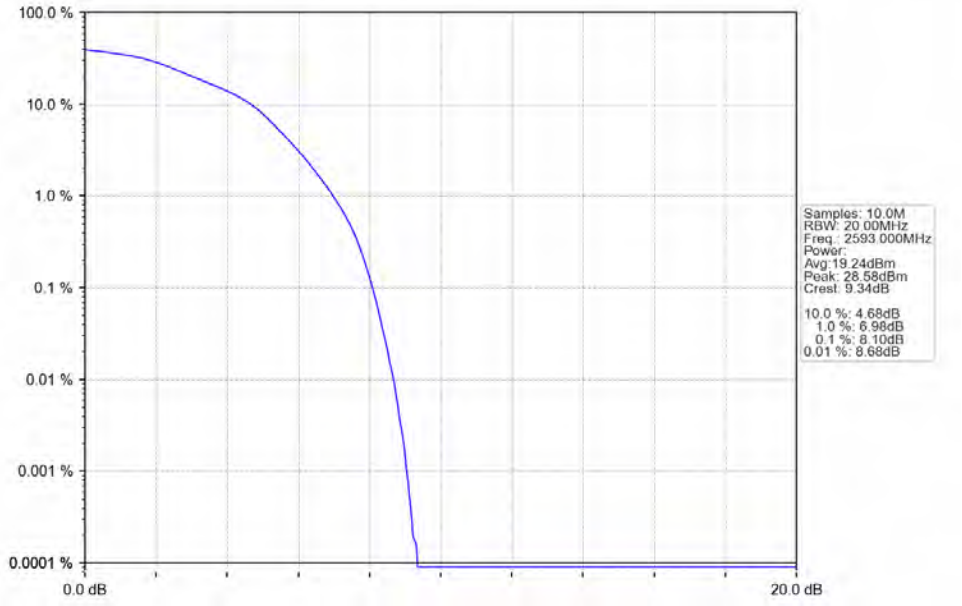

Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



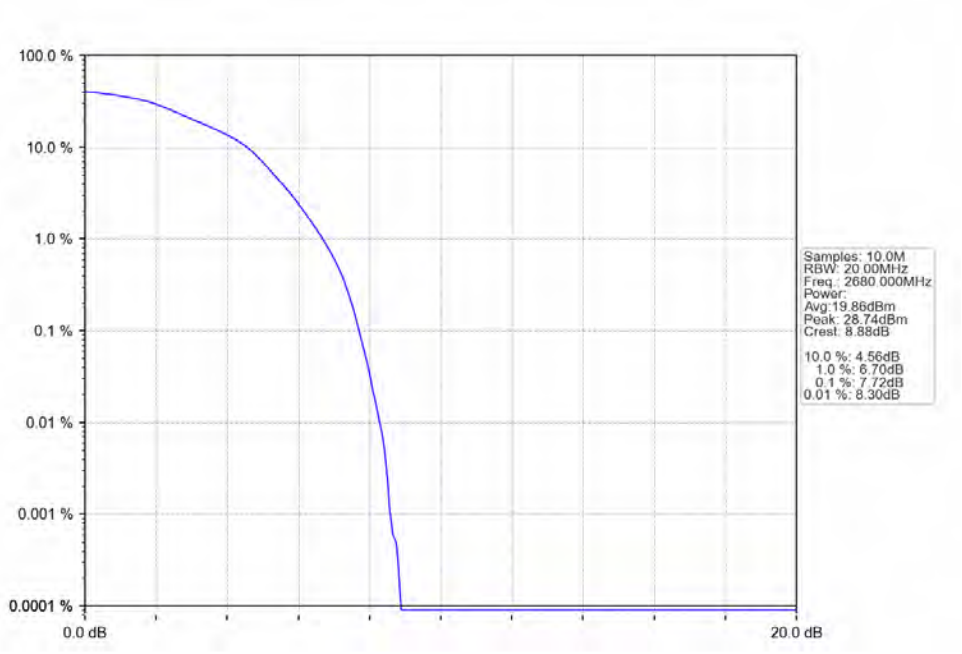
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV




Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



# 5. Spurious Emission

## 5.1 Test Result

### 5.1.1 B41_5MHz

| Band: 41 / Bandwidth: 5MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2498.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |
| | 2593 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2687.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 24 | Refer To Test Graph | | Pass |
| | | 25 | 0 | Refer To Test Graph | | Pass |

### 5.1.2 B41_10MHz

| Band: 41 / Bandwidth: 10MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2501 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |
| | 2593 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2685 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 49 | Refer To Test Graph | | Pass |
| | | 50 | 0 | Refer To Test Graph | | Pass |

### 5.1.3 B41_15MHz

| Band: 41 / Bandwidth: 15MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2503.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |
| | 2593 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2682.5 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 74 | Refer To Test Graph | | Pass |
| | | 75 | 0 | Refer To Test Graph | | Pass |

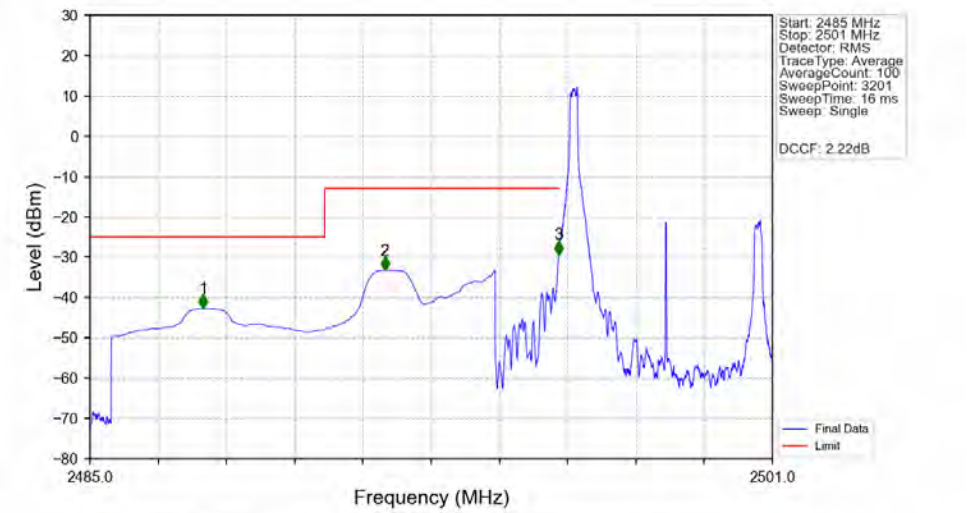
### 5.1.4 B41_20MHz

| Band: 41 / Bandwidth: 20MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Spurious Emission | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 2506 | 1 | 0 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass |
| | 2593 | 1 | 0 | Refer To Test Graph | | Pass |
| | 2680 | 1 | 0 | Refer To Test Graph | | Pass |
| | | | 99 | Refer To Test Graph | | Pass |
| | | 100 | 0 | Refer To Test Graph | | Pass |

## 5.2 Test Graph

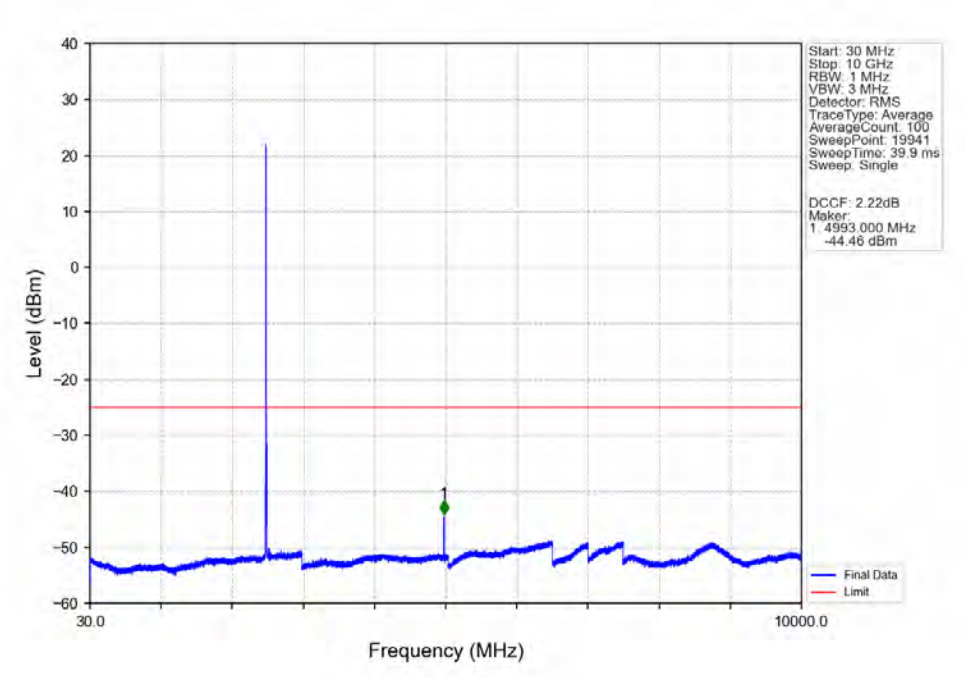
### 5.2.1 B41_5MHz

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

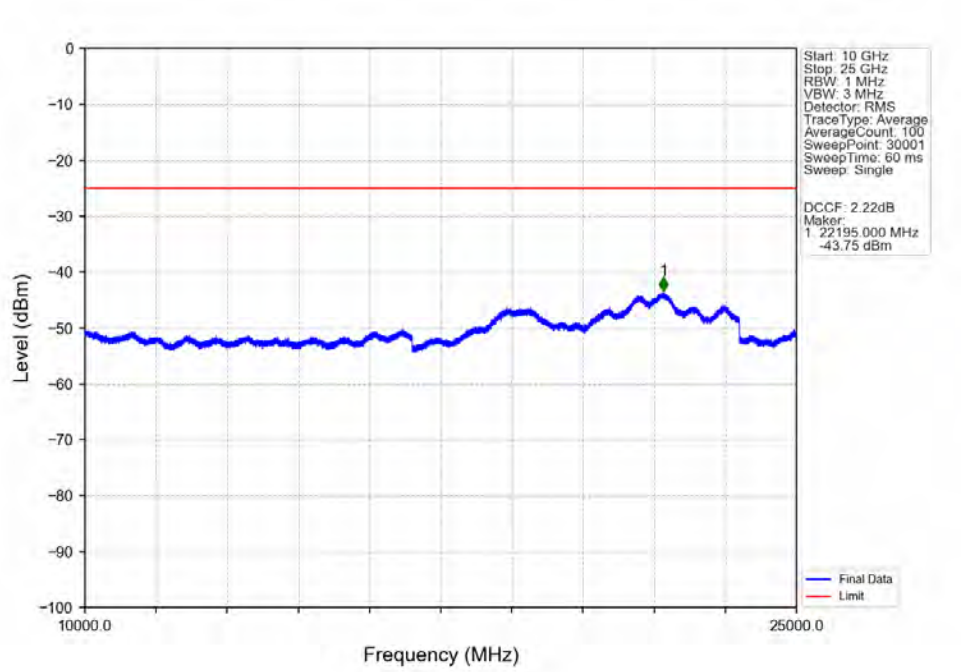



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2487.655 | -42.69 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2491.915 | -33.27 | -13 | Pass |
| 2495 | 2496 | 0.01 | / | 3 | 2495.995 | -29.35 | -13 | Pass |
| 2496 | 2501 | 0.01 | / | / | / | / | / | / |

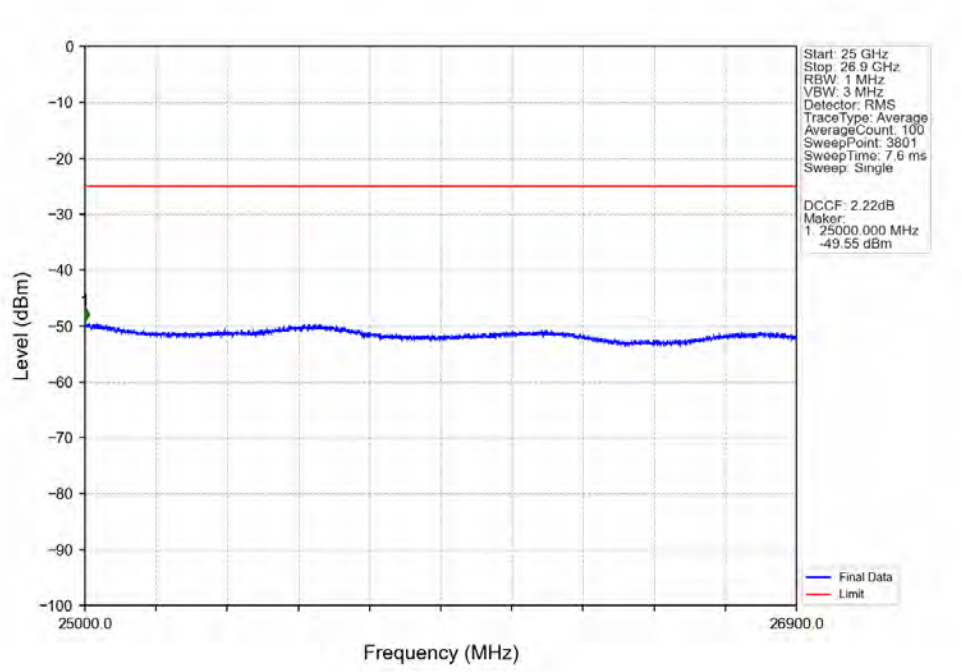
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



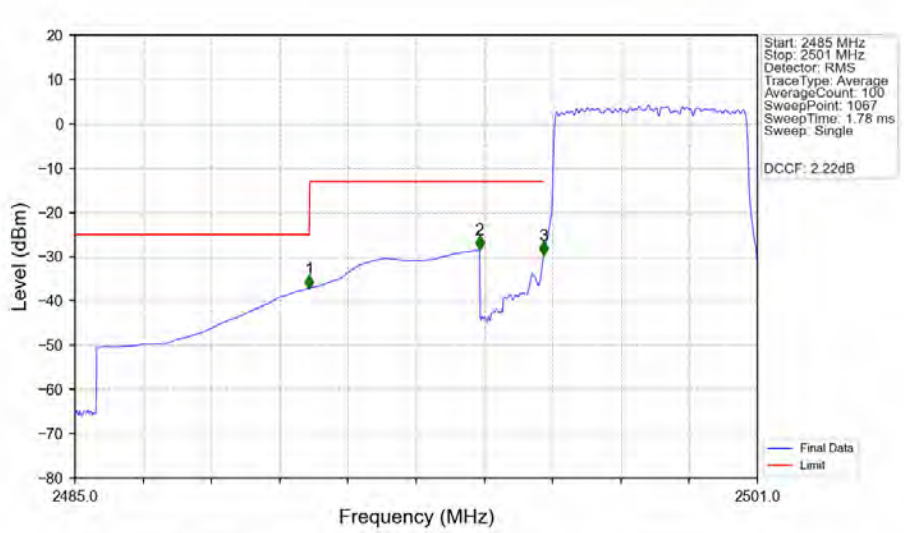
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV




Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

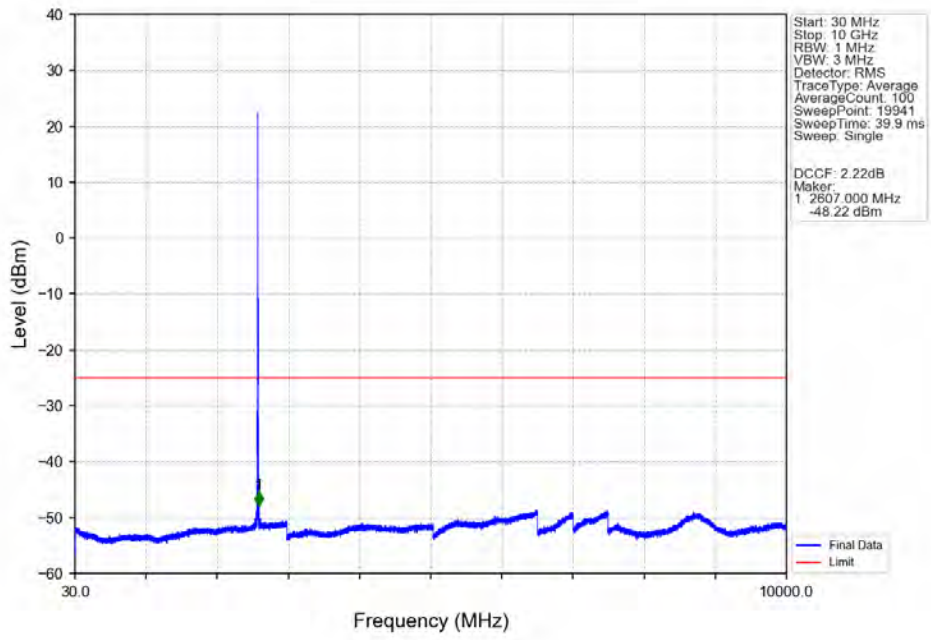


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

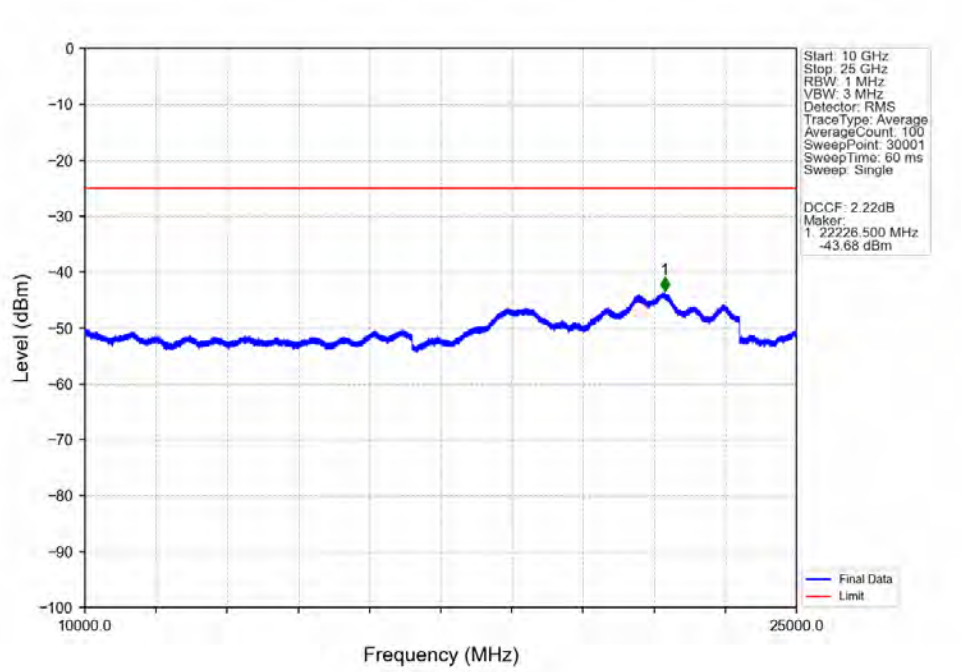



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.493 | -37.23 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.486 | -28.33 | -13 | Pass |
| 2495 | 2496 | 0.057 | CHP | 3 | 2495.987 | -29.62 | -13 | Pass |
| 2496 | 2501 | 0.057 | CHP | / | / | / | / | / |

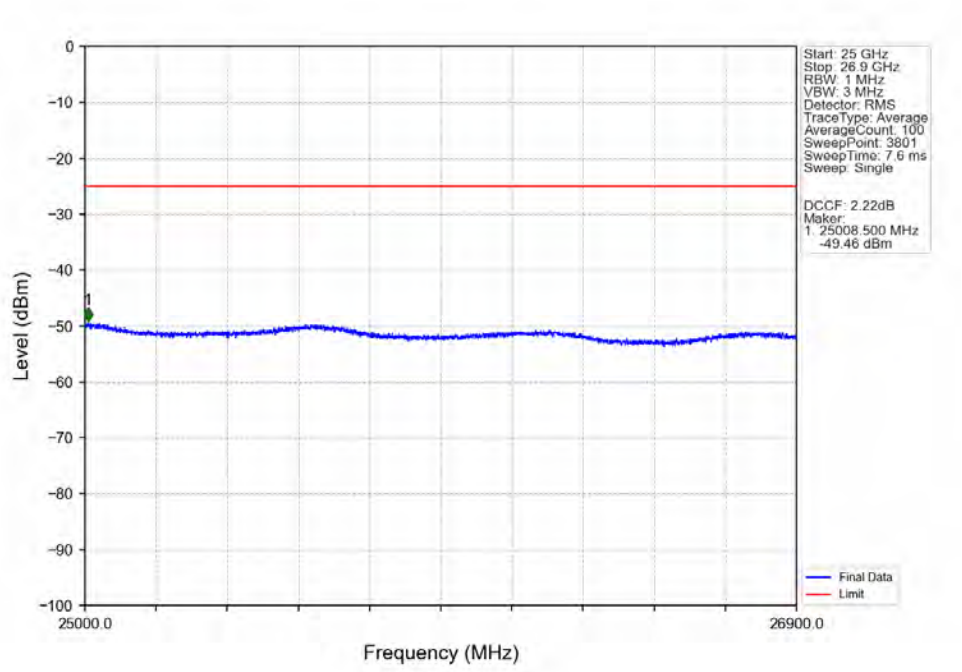
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



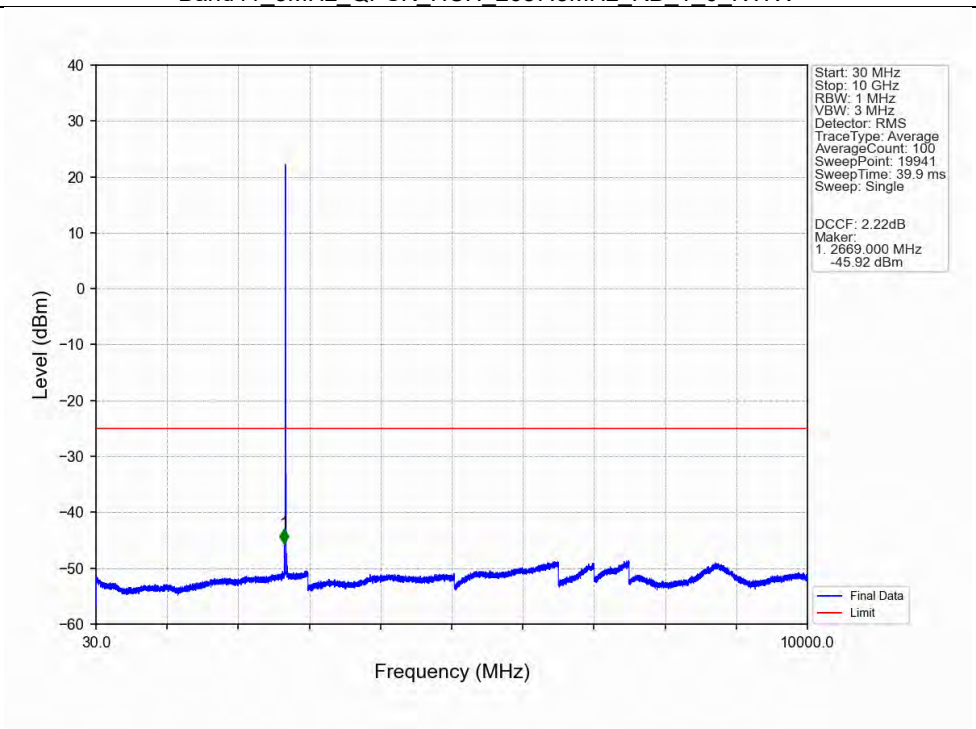
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



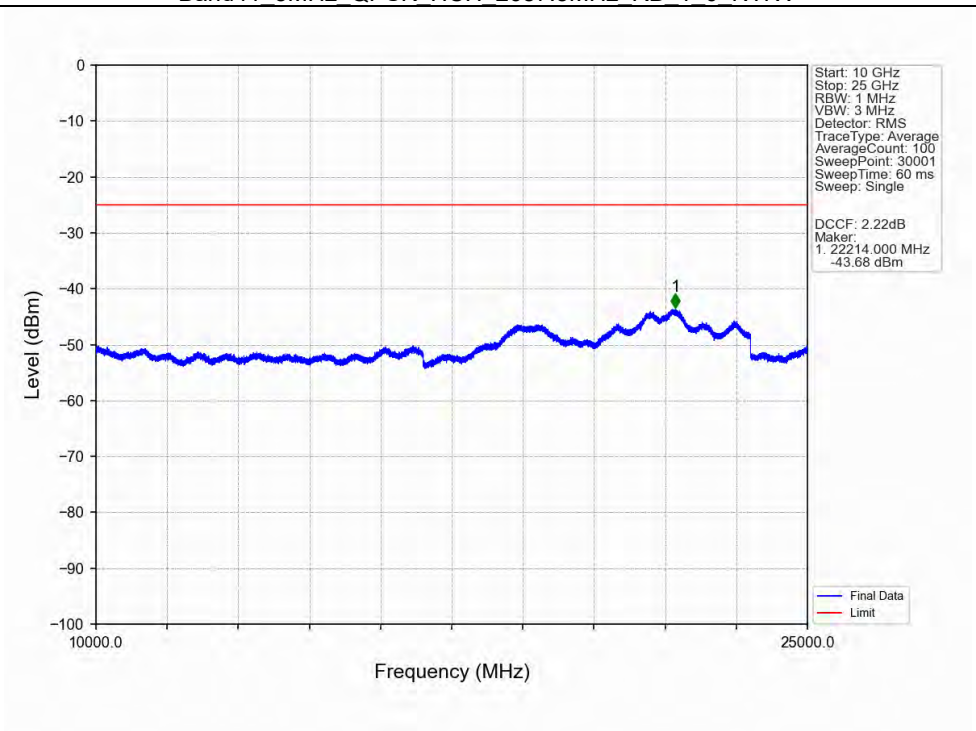

Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



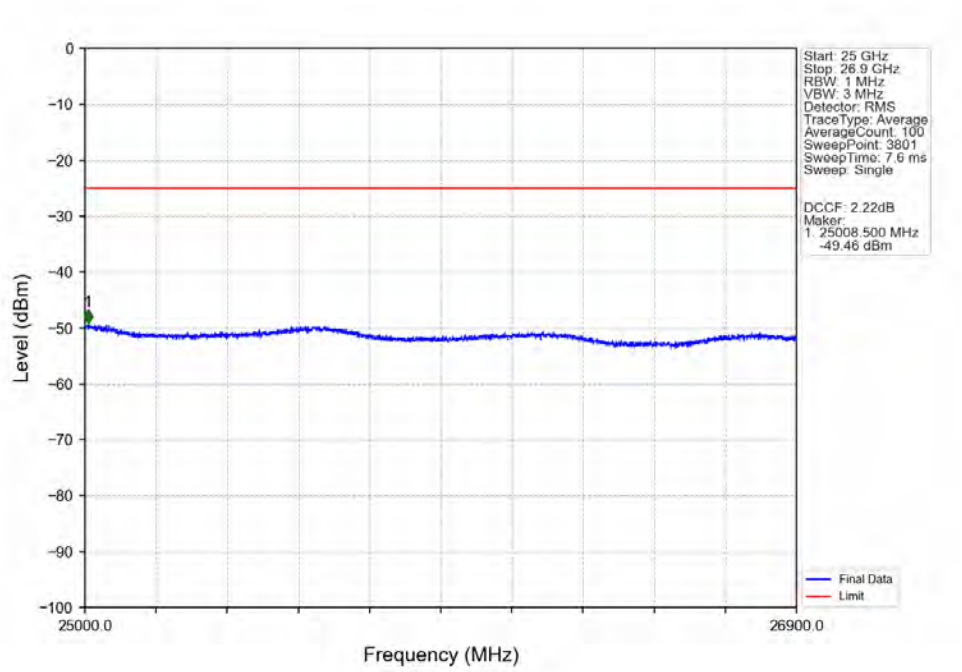
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



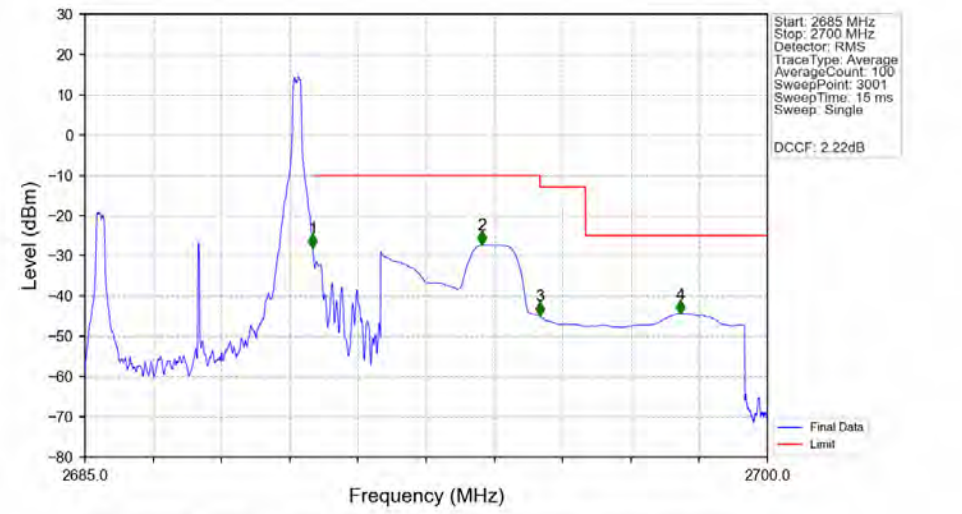

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

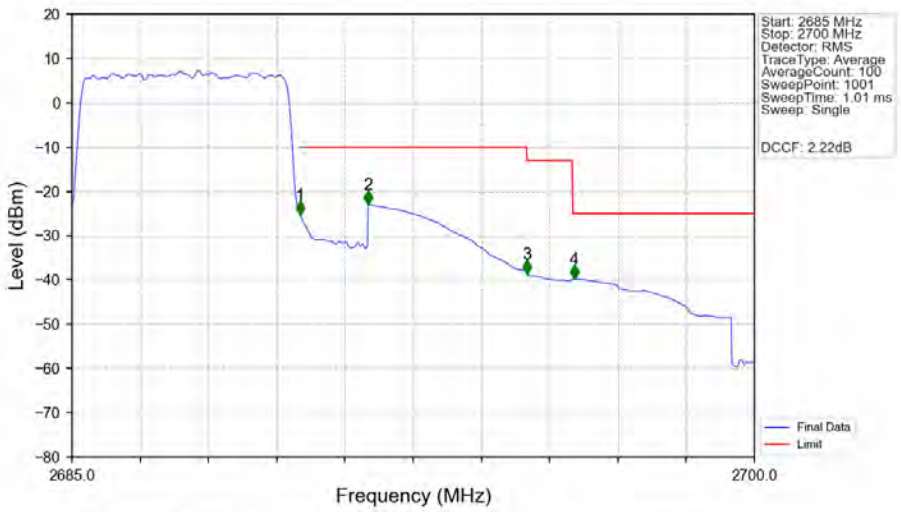



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2685 | 2690 | 0.02 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.02 | CHP | 1 | 2690.005 | -28.07 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2693.720 | -27.34 | -10 | Pass |
| 2695 | 2696 | 1 | CHP | 3 | 2695.005 | -44.95 | -13 | Pass |
| 2696 | 2700 | 1 | CHP | 4 | 2698.090 | -44.44 | -25 | Pass |

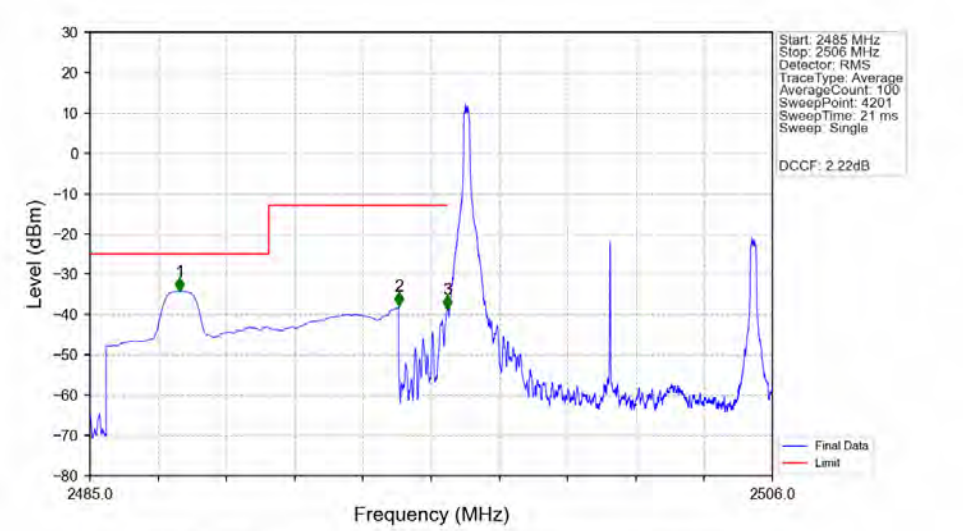
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2685 | 2690 | 0.105 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.105 | CHP | 1 | 2690.010 | -25.30 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.510 | -22.99 | -10 | Pass |
| 2695 | 2696 | 1 | CHP | 3 | 2695.005 | -38.59 | -13 | Pass |
| 2696 | 2700 | 1 | CHP | 4 | 2696.040 | -39.77 | -25 | Pass |

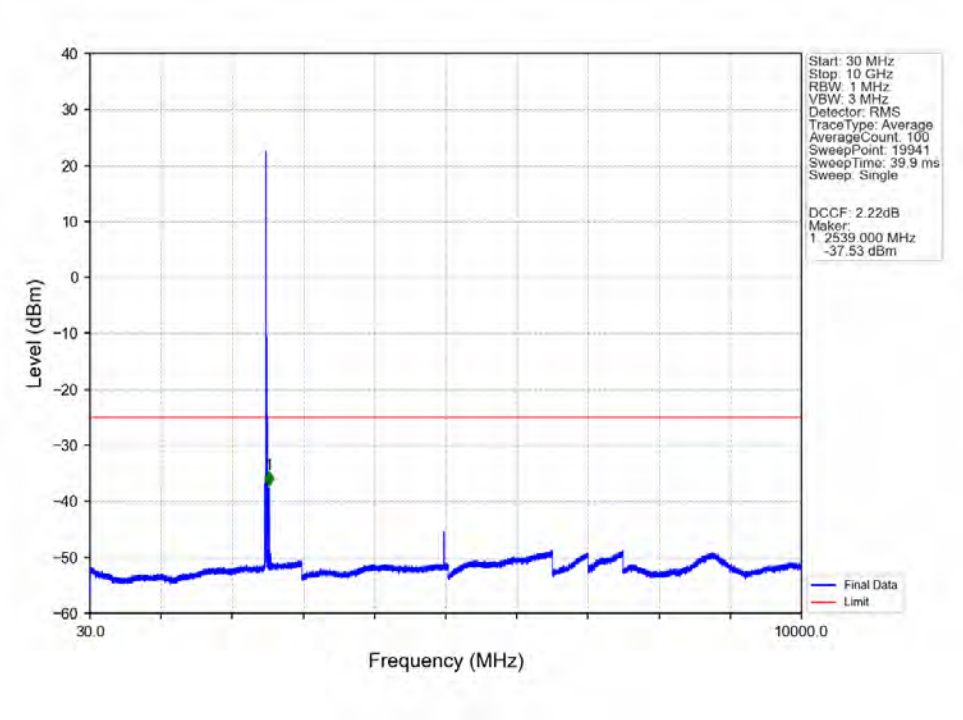
## 5.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

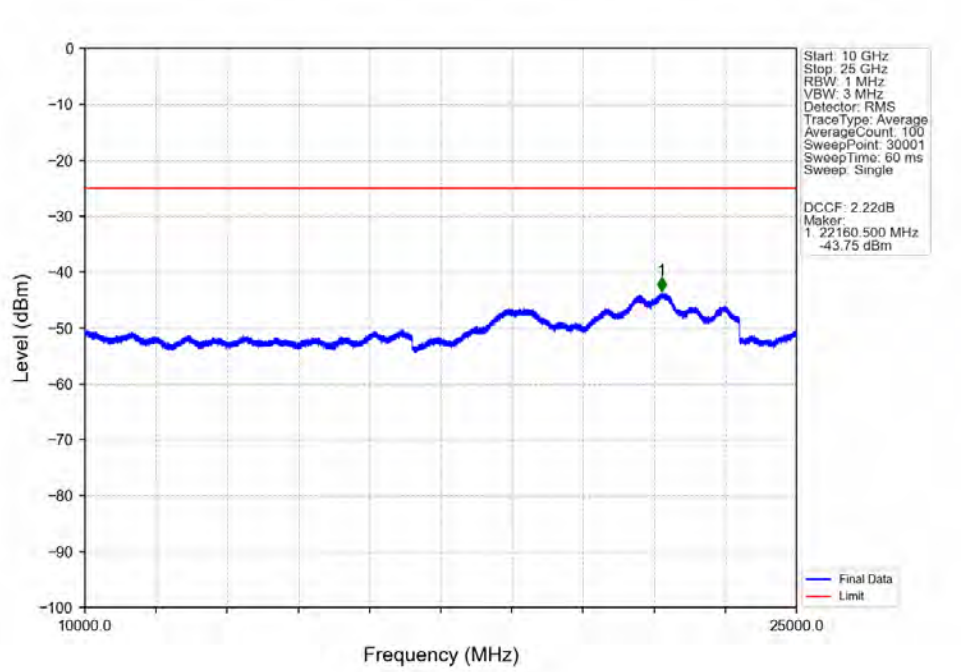



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2487.765 | -34.29 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.500 | -37.87 | -13 | Pass |
| 2495 | 2496 | 0.01 | / | 3 | 2495.995 | -38.73 | -13 | Pass |
| 2496 | 2506 | 0.01 | / | / | / | / | / | / |

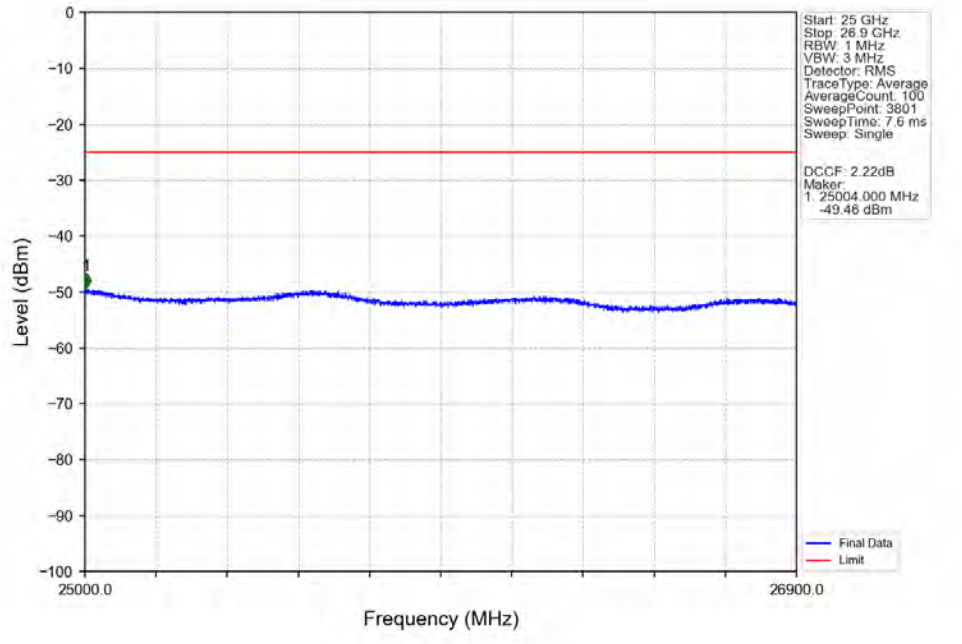
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



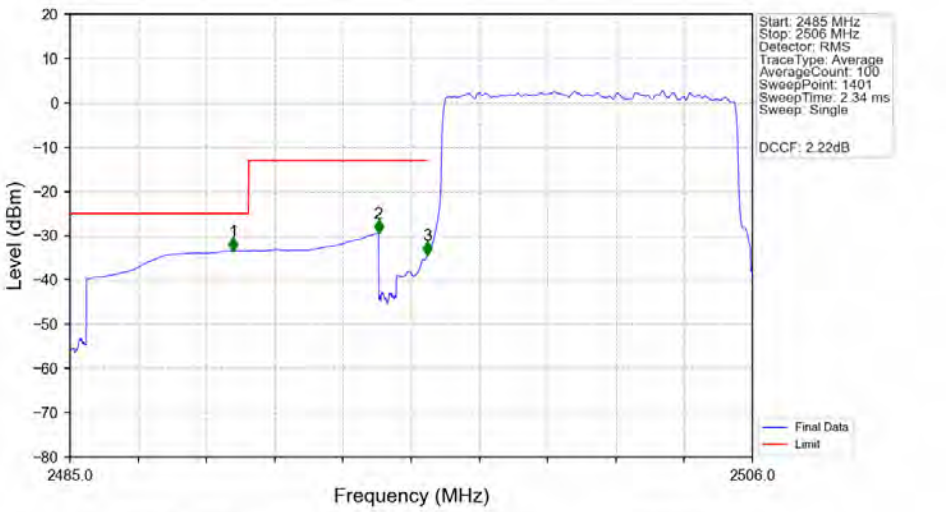
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV




Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

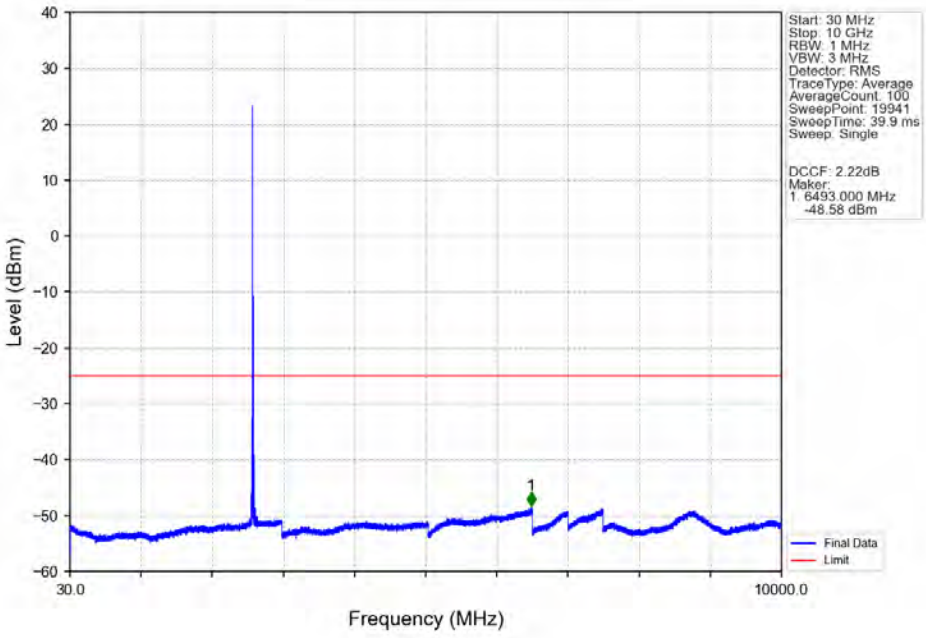


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

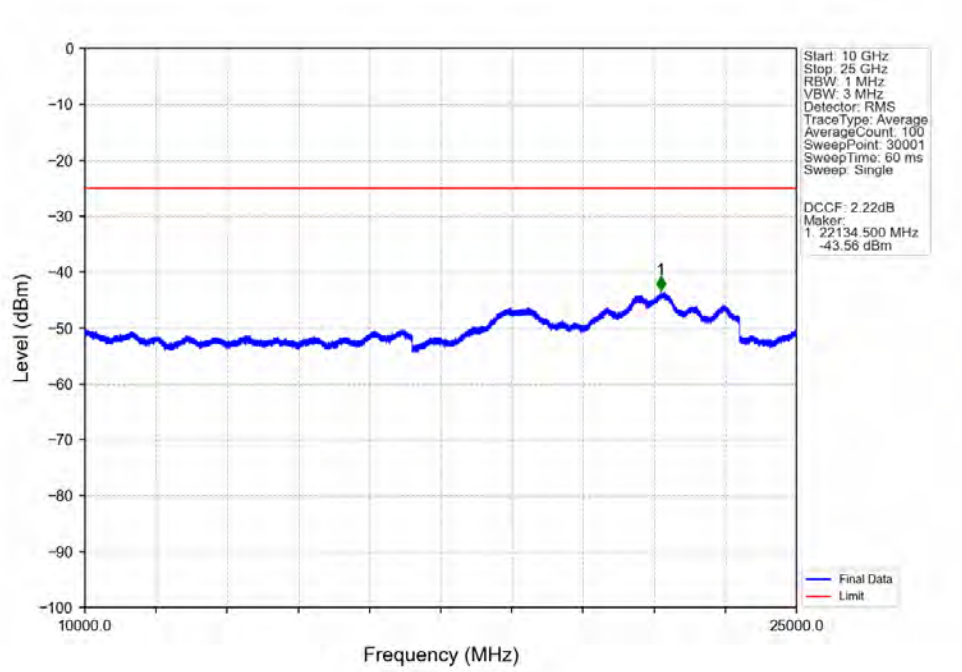



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.025 | -33.44 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.495 | -29.46 | -13 | Pass |
| 2495 | 2496 | 0.099 | CHP | 3 | 2495.995 | -34.38 | -13 | Pass |
| 2496 | 2506 | 0.099 | CHP | / | / | / | / | / |

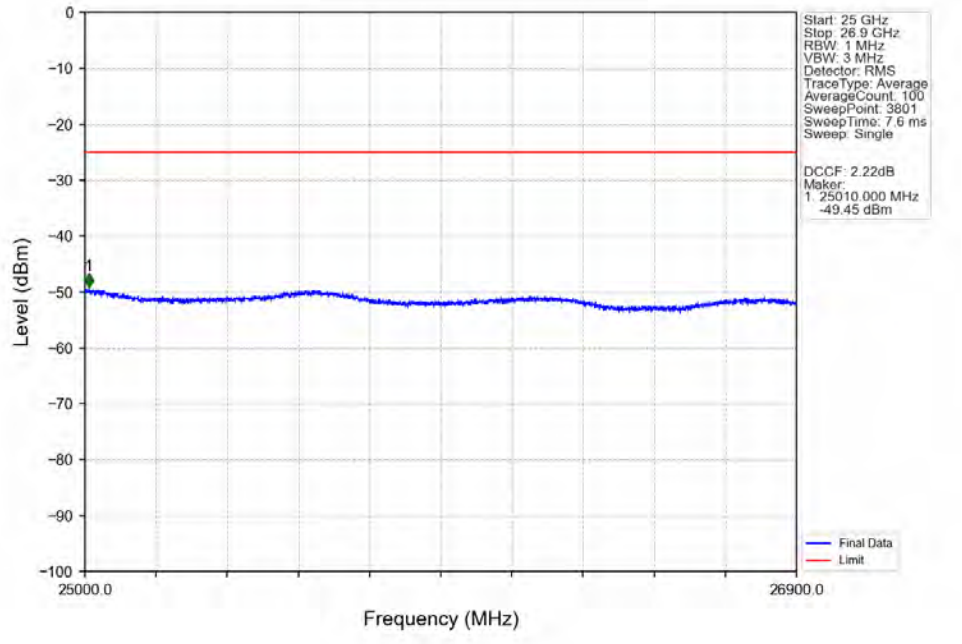
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



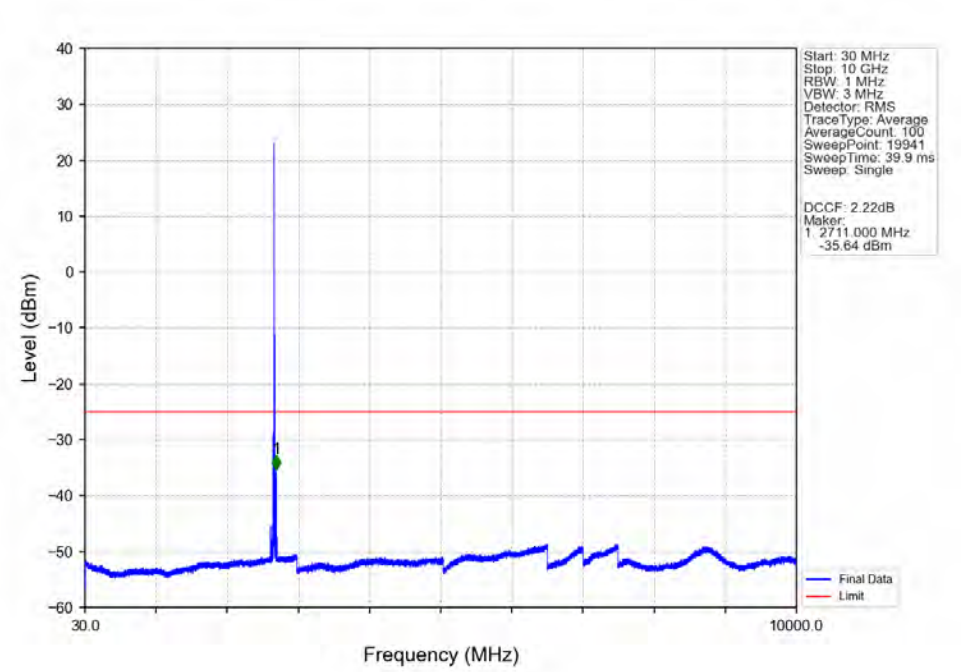
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



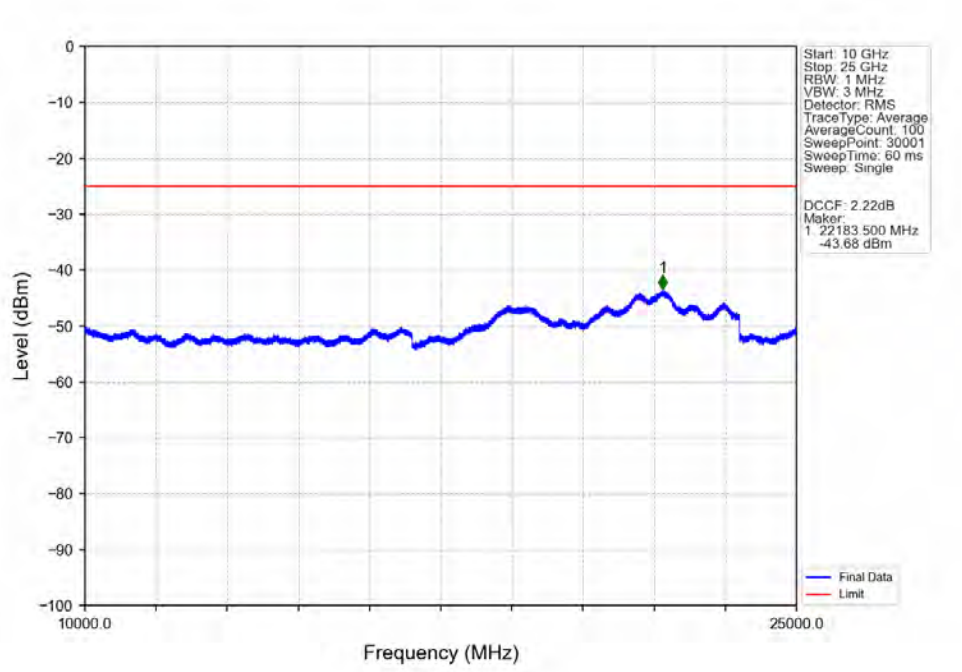

Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



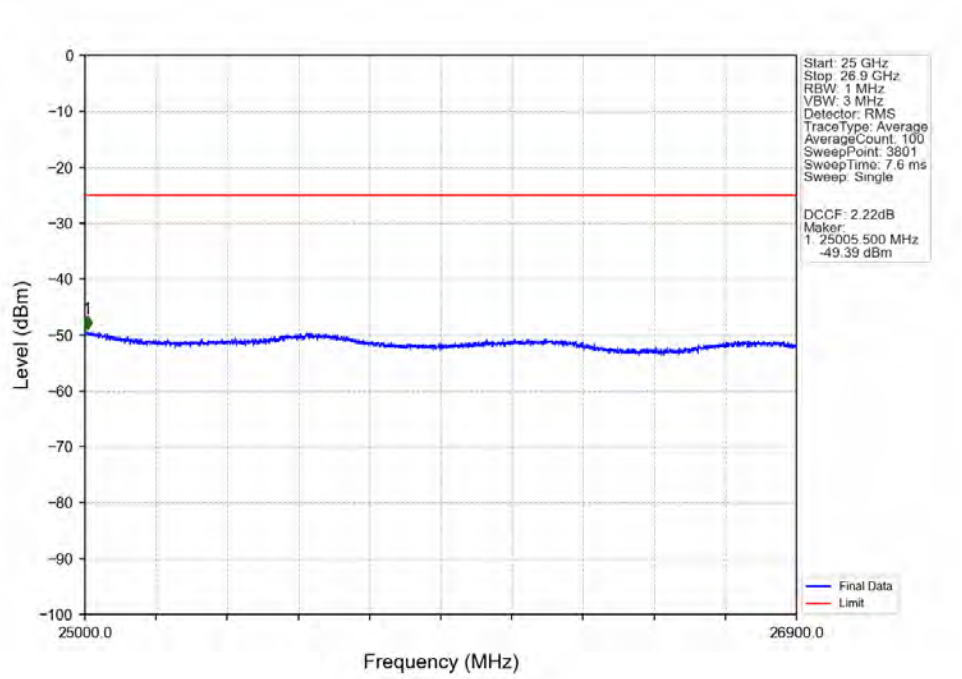
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



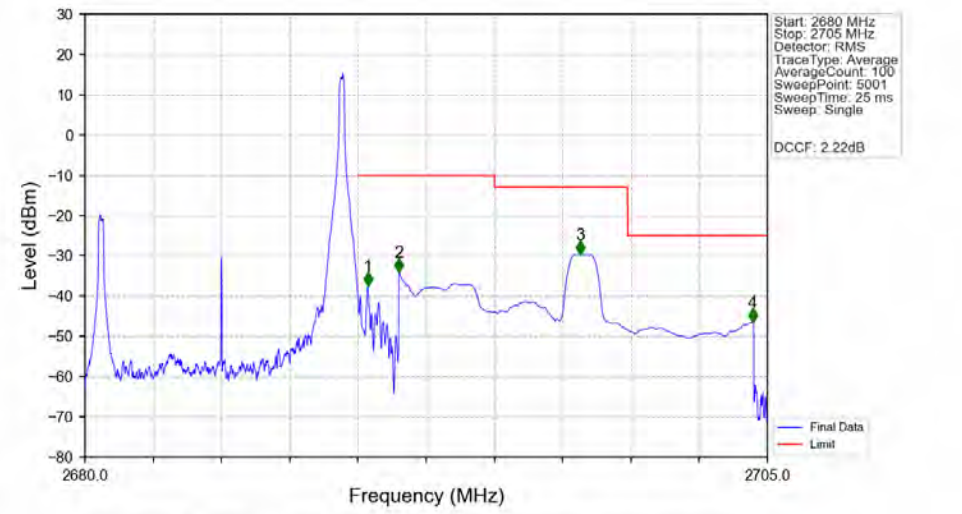

Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

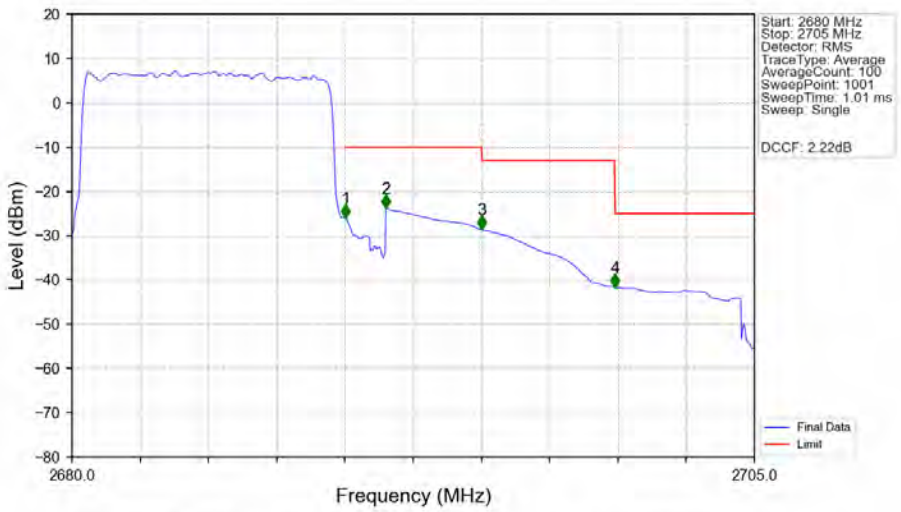



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2680 | 2690 | 0.02 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.02 | CHP | 1 | 2690.360 | -37.52 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.500 | -34.15 | -10 | Pass |
| 2695 | 2699.884 | 1 | CHP | 3 | 2698.140 | -29.57 | -13 | Pass |
| 2699.884 | 2705 | 1 | CHP | 4 | 2704.465 | -46.45 | -25 | Pass |

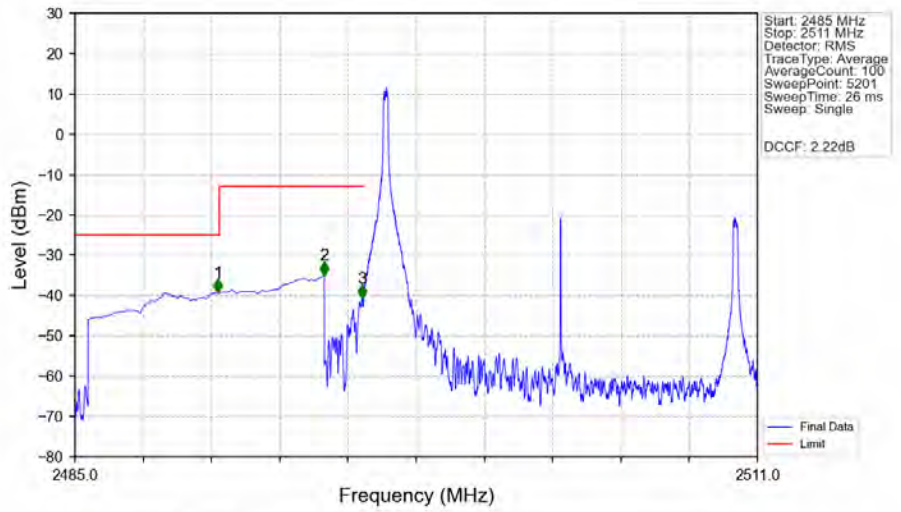
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2680 | 2690 | 0.198 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.198 | CHP | 1 | 2690.025 | -26.00 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.500 | -23.92 | -10 | Pass |
| 2695 | 2699.884 | 1 | CHP | 3 | 2695.025 | -28.64 | -13 | Pass |
| 2699.884 | 2705 | 1 | CHP | 4 | 2699.900 | -41.69 | -25 | Pass |

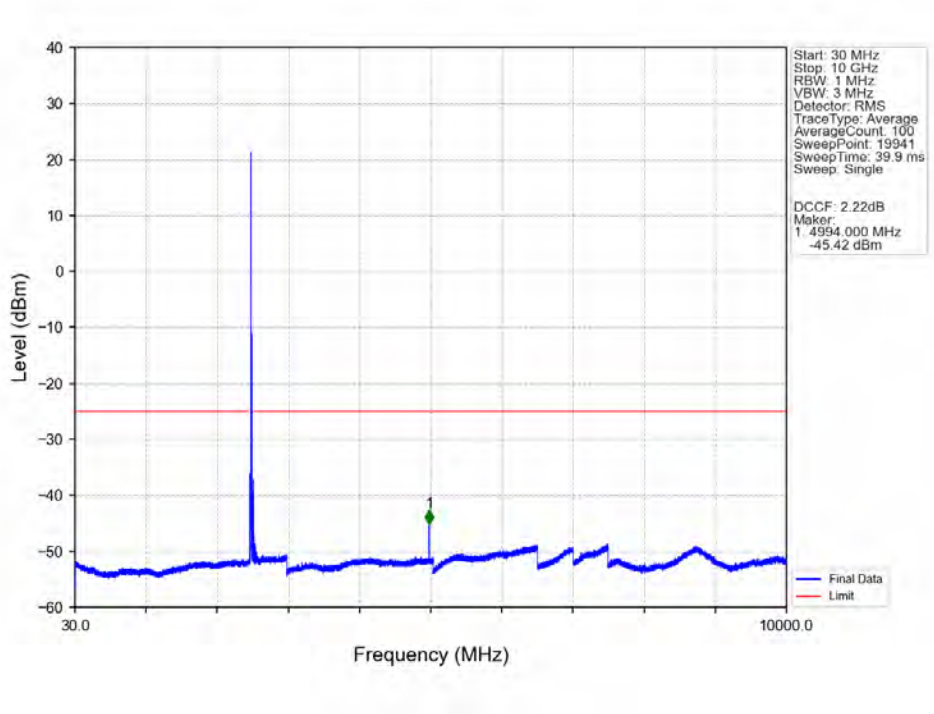
## 5.2.3 B41_15MHz

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

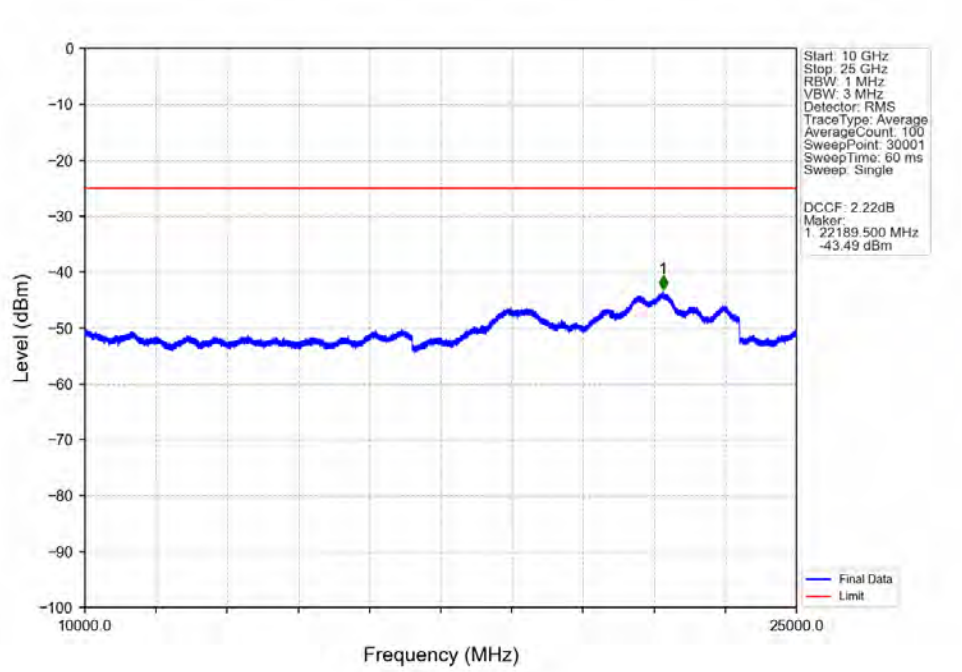



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.445 | -39.31 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.500 | -34.96 | -13 | Pass |
| 2495 | 2496 | 0.01 | / | 3 | 2495.940 | -40.63 | -13 | Pass |
| 2496 | 2511 | 0.01 | / | / | / | / | / | / |

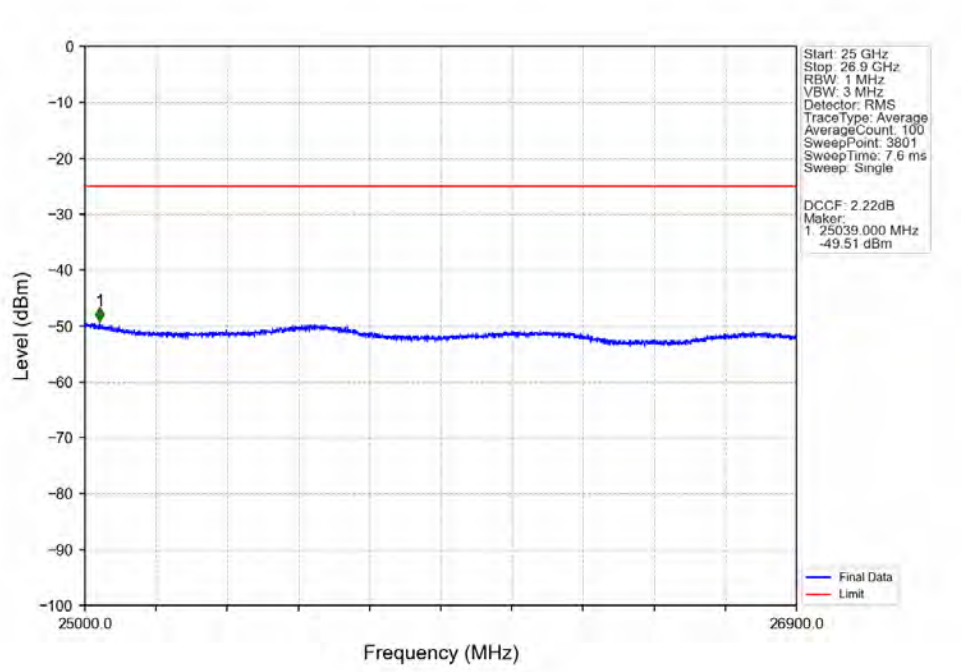
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



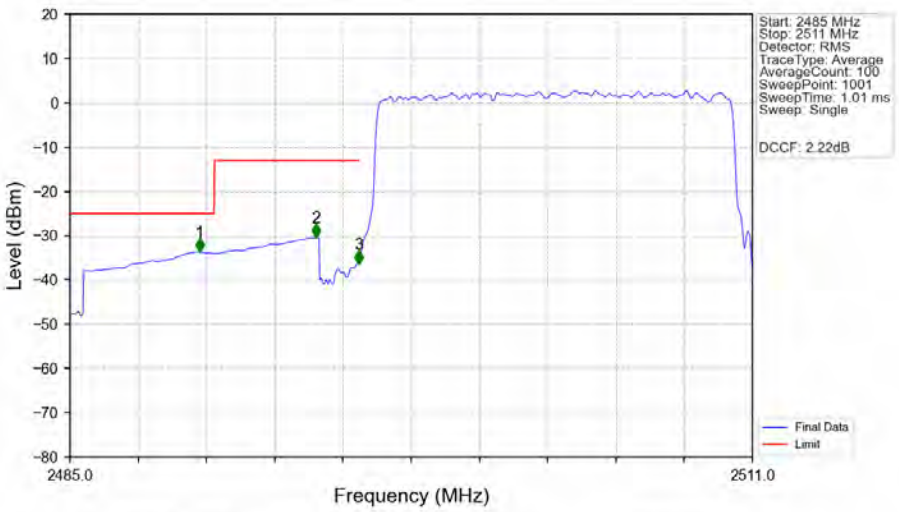
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV




Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

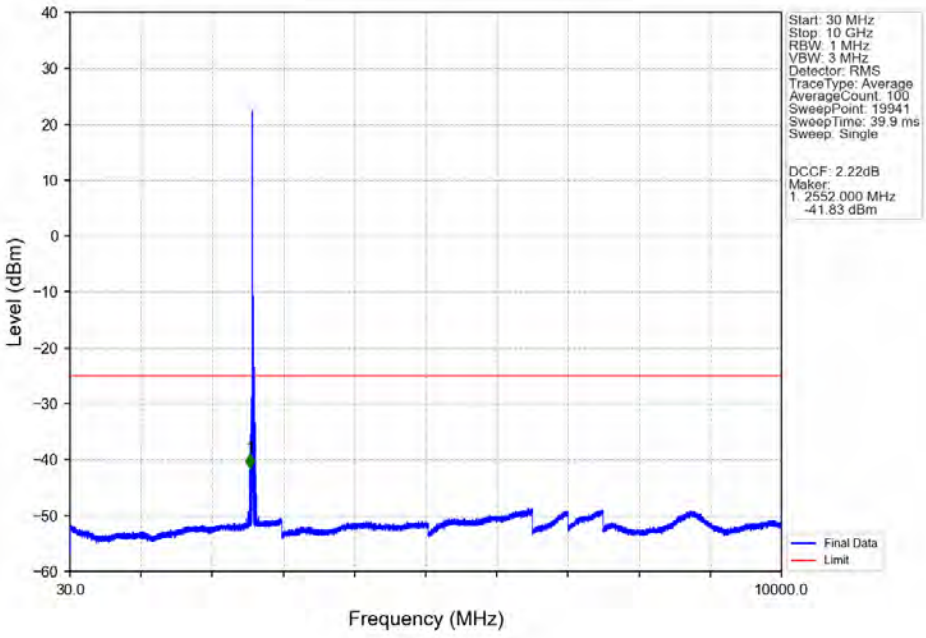


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

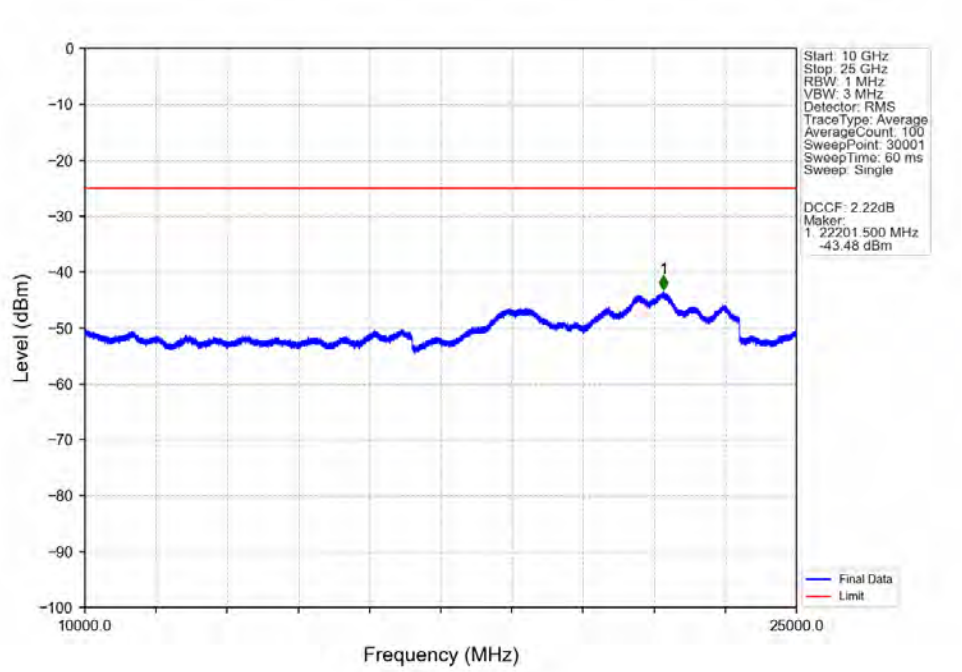



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2489.940 | -33.64 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.386 | -30.45 | -13 | Pass |
| 2495 | 2496 | 0.155 | CHP | 3 | 2495.998 | -36.33 | -13 | Pass |
| 2496 | 2511 | 0.155 | CHP | / | / | / | / | / |

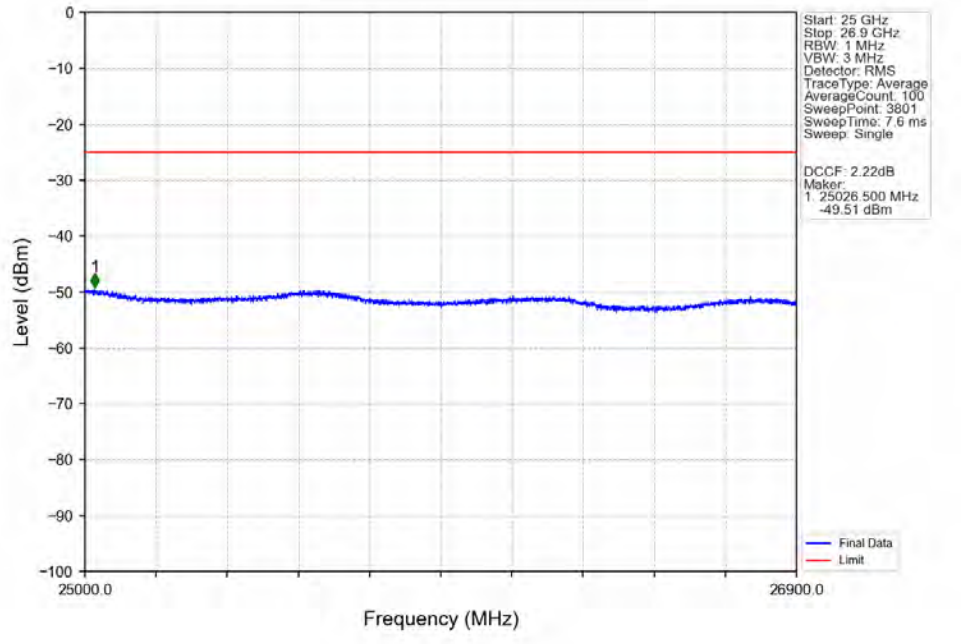
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



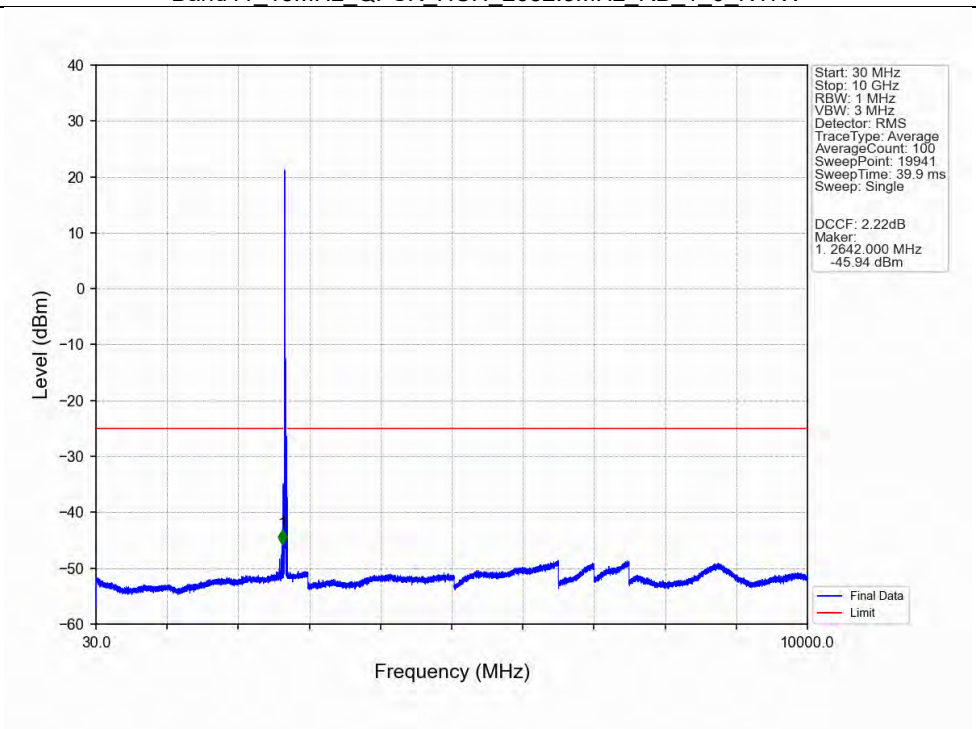
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



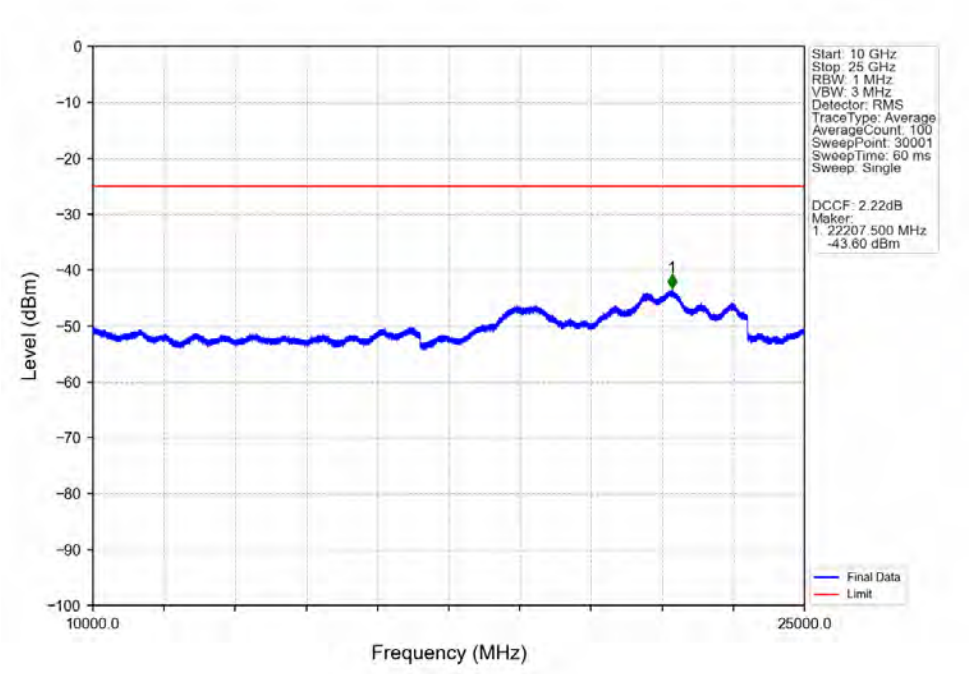

Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



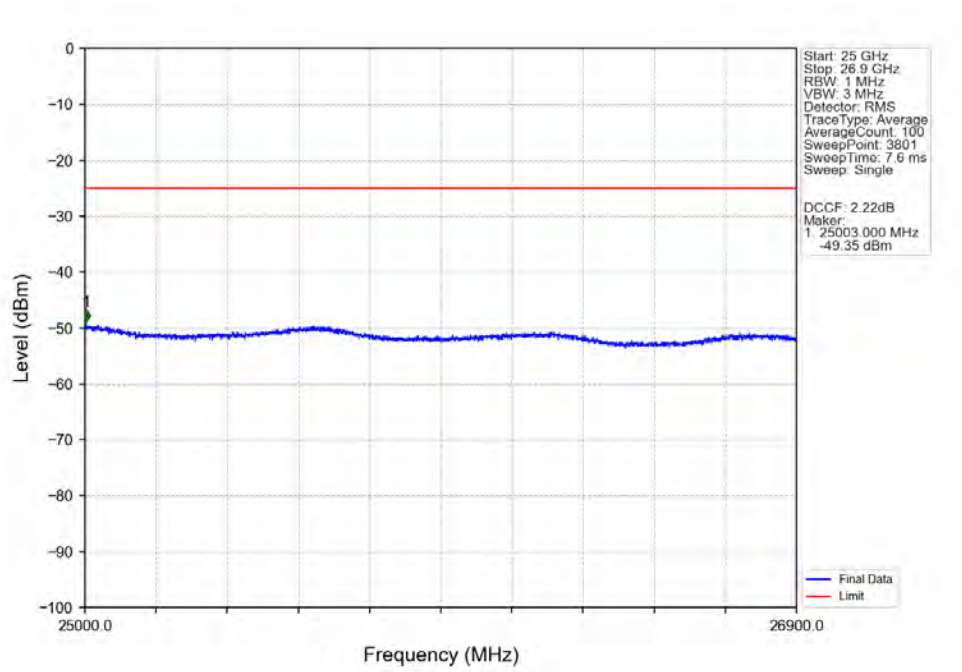
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



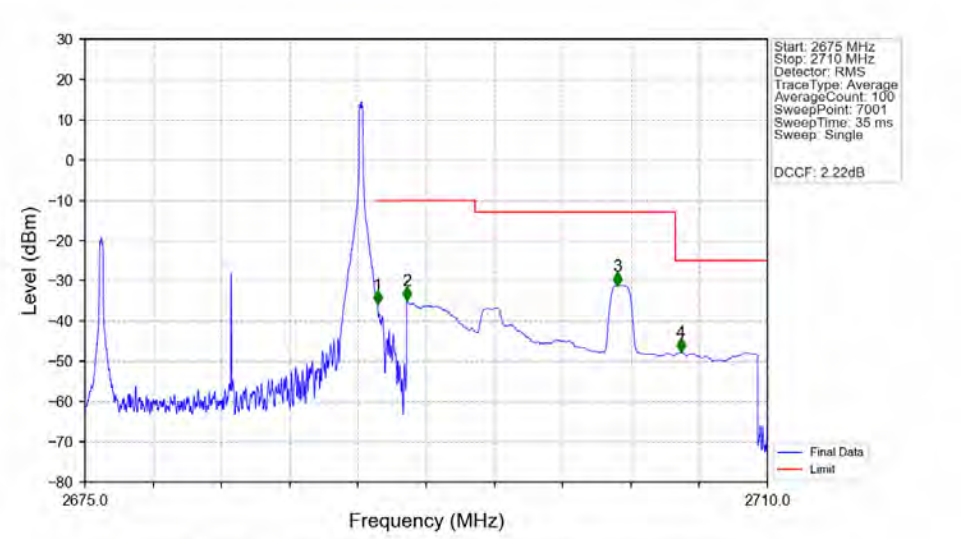

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

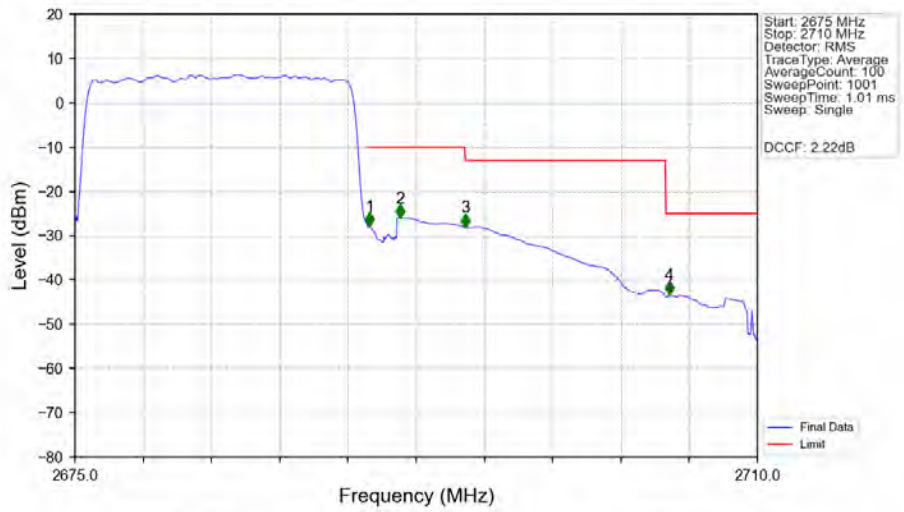



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2675 | 2690 | 0.02 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.02 | CHP | 1 | 2690.005 | -35.80 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.500 | -34.87 | -10 | Pass |
| 2695 | 2705.277 | 1 | CHP | 3 | 2702.320 | -31.18 | -13 | Pass |
| 2705.277 | 2710 | 1 | CHP | 4 | 2705.570 | -47.76 | -25 | Pass |

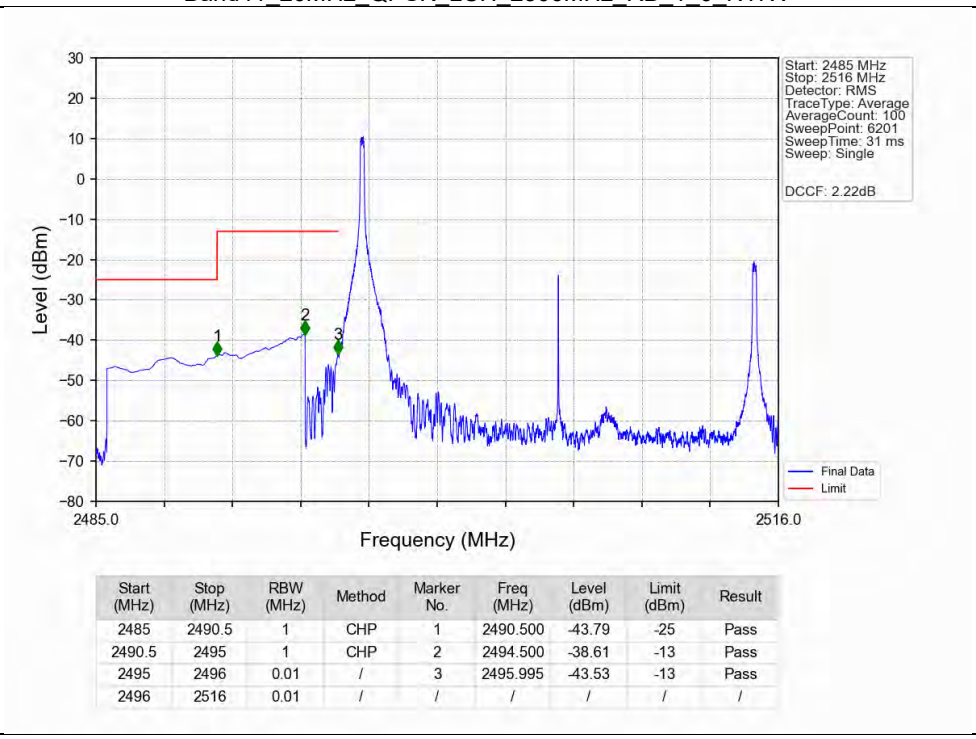
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2675 | 2690 | 0.306 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.306 | CHP | 1 | 2690.120 | -27.81 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.660 | -26.02 | -10 | Pass |
| 2695 | 2705.277 | 1 | CHP | 3 | 2695.020 | -28.12 | -13 | Pass |
| 2705.277 | 2710 | 1 | CHP | 4 | 2705.485 | -43.41 | -25 | Pass |

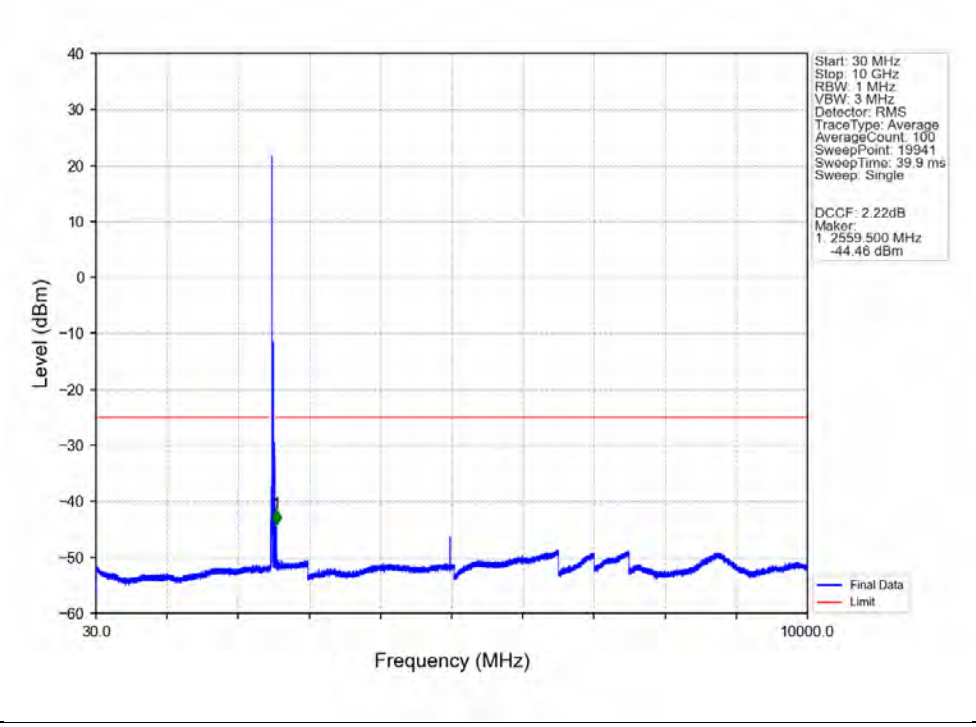
## 5.2.4 B41_20MHz

Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

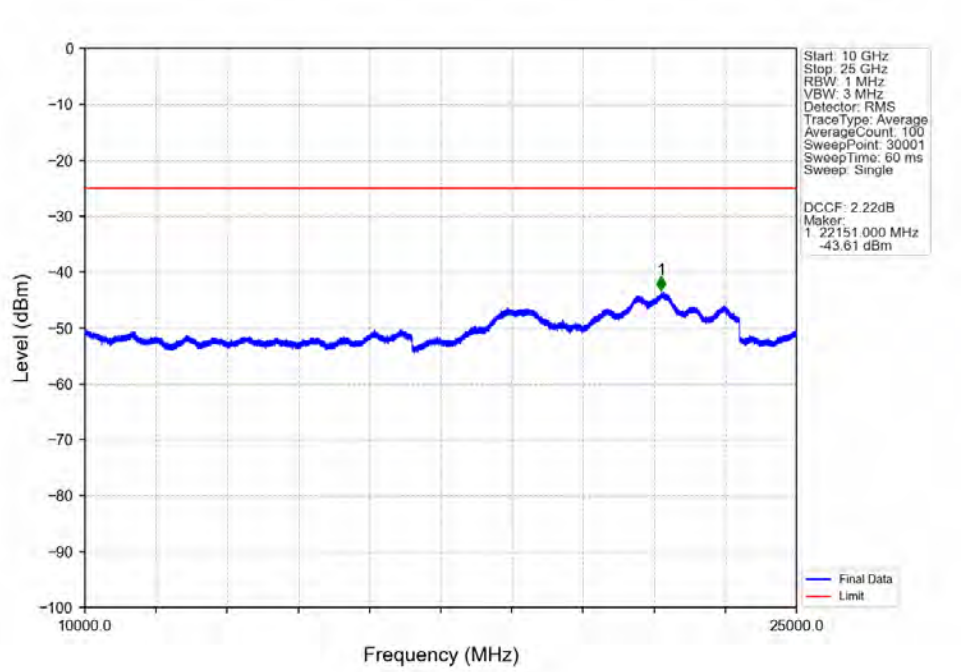



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.500 | -43.79 | -25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.500 | -38.61 | -13 | Pass |
| 2495 | 2496 | 0.01 | / | 3 | 2495.995 | -43.53 | -13 | Pass |
| 2496 | 2516 | 0.01 | / | / | / | / | / | / |

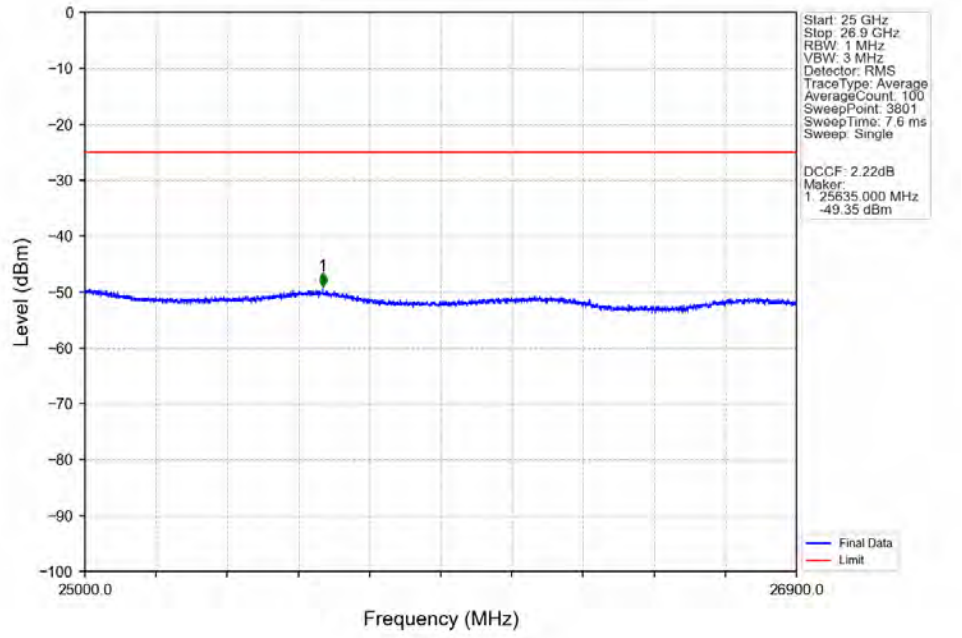
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



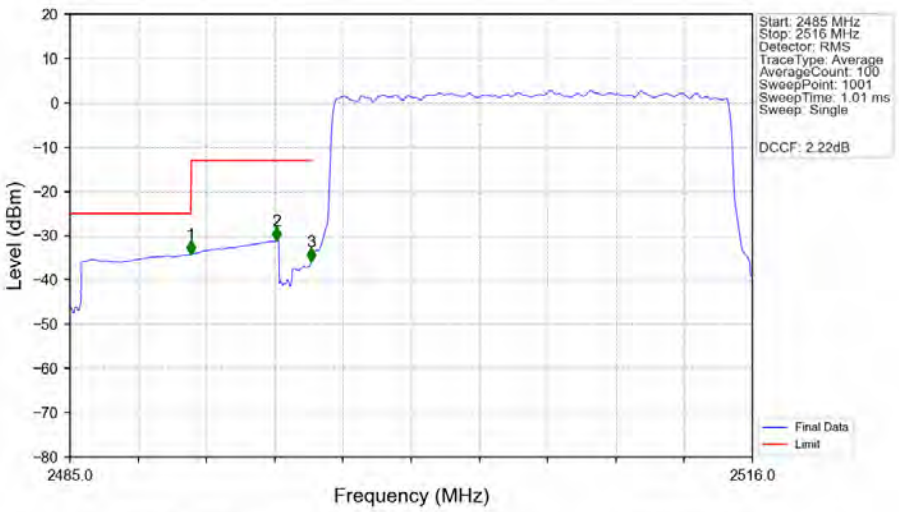
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV




Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

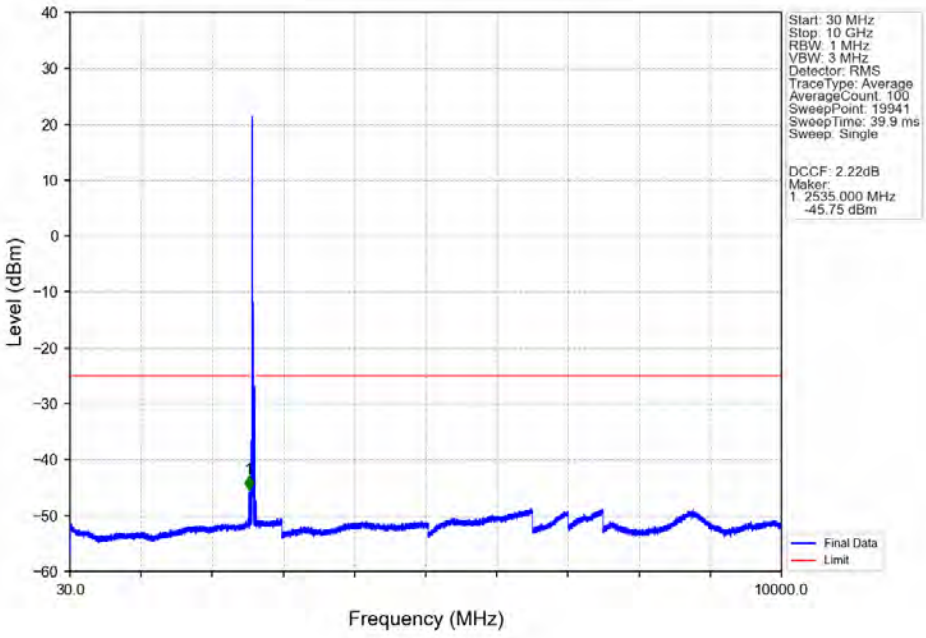


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

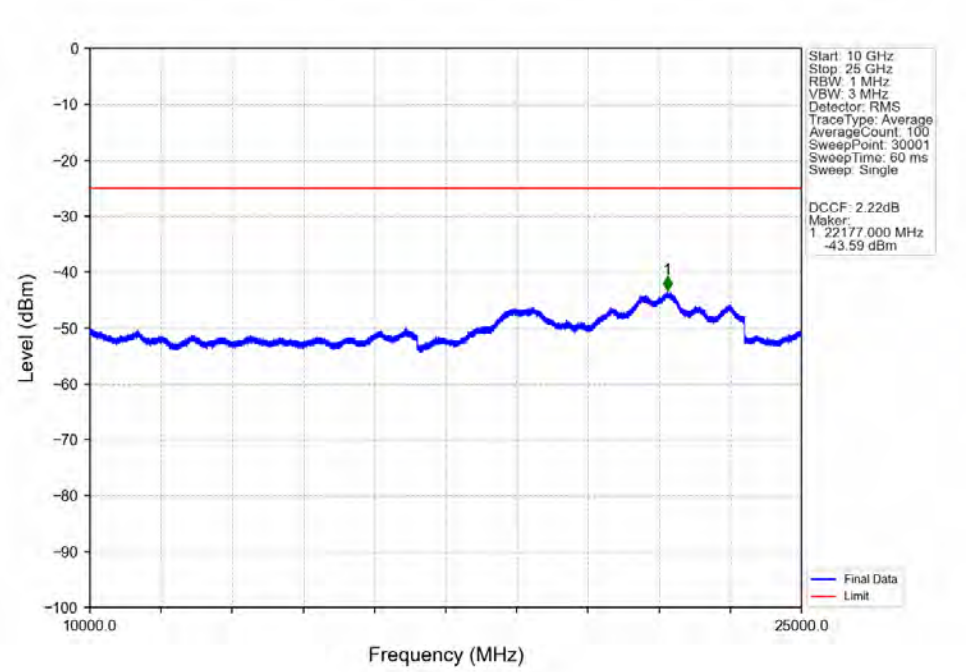



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.487 | -34.25 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.393 | -31.20 | -13 | Pass |
| 2495 | 2496 | 0.211 | CHP | 3 | 2495.974 | -35.85 | -13 | Pass |
| 2496 | 2516 | 0.211 | CHP | / | / | / | / | / |

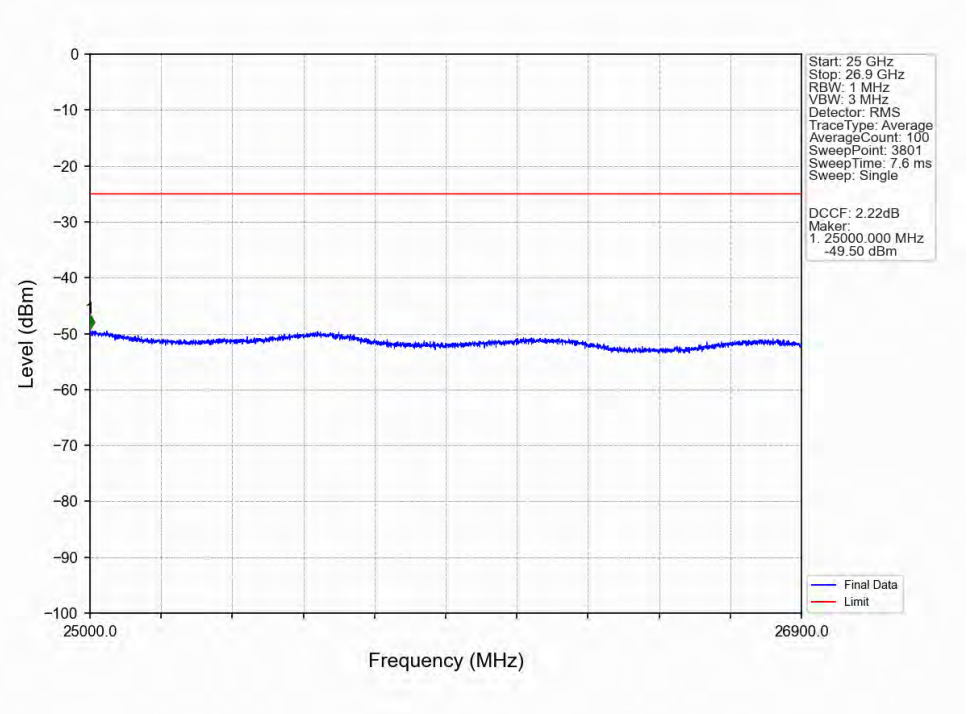
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



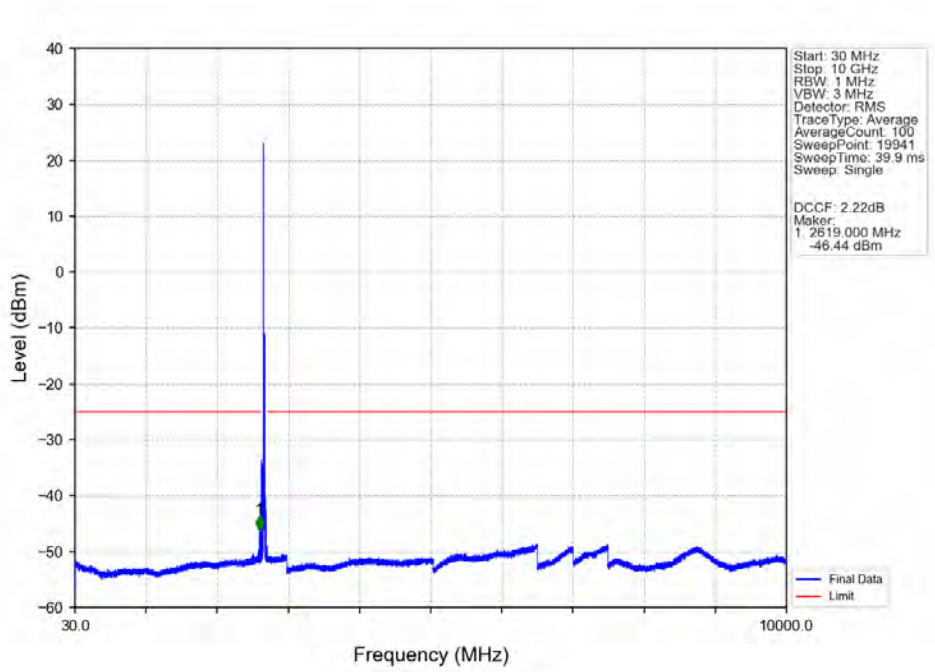
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



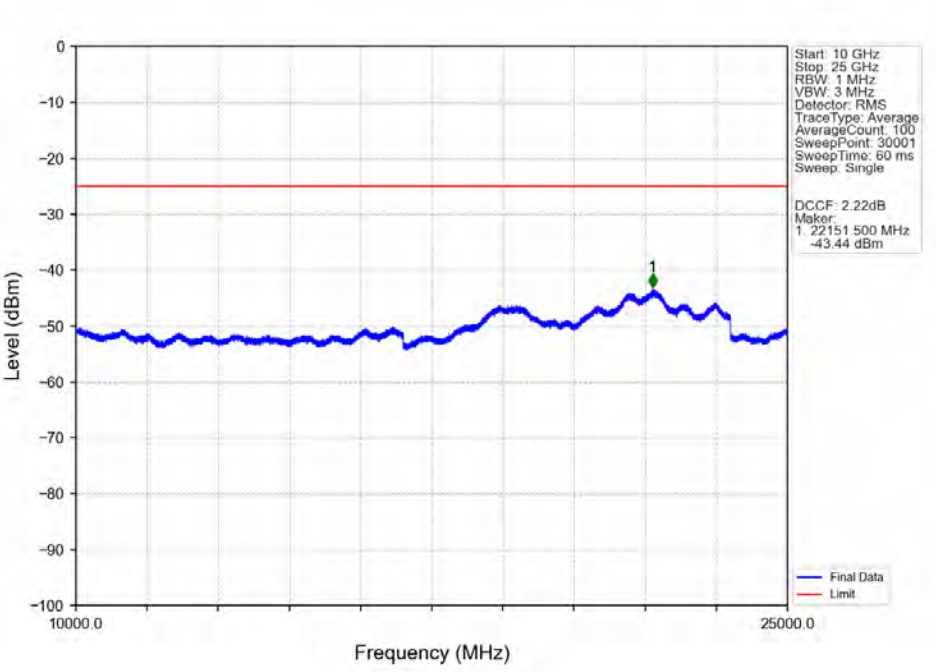

Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



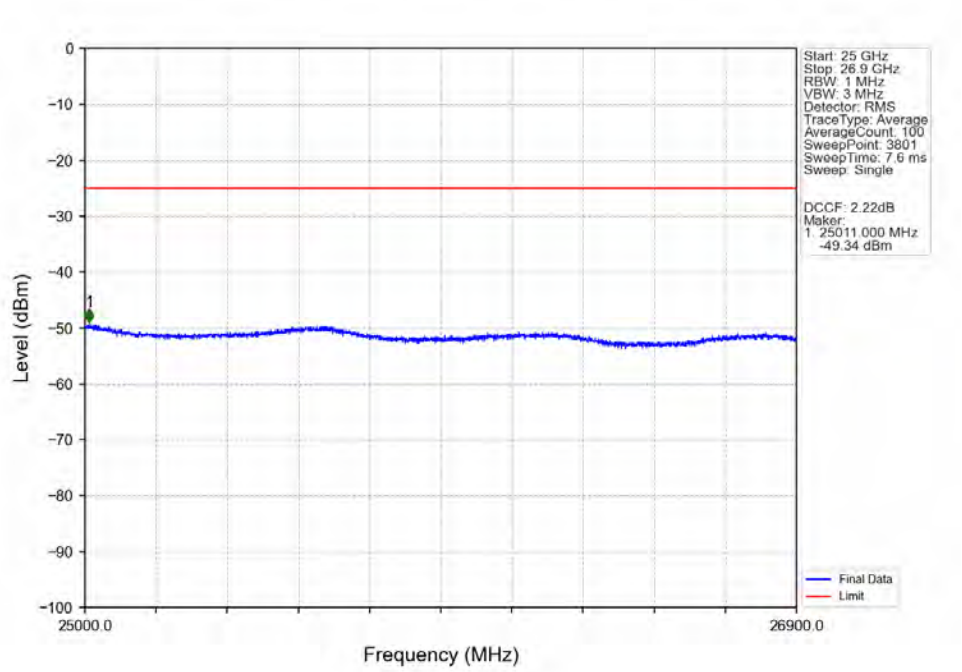
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



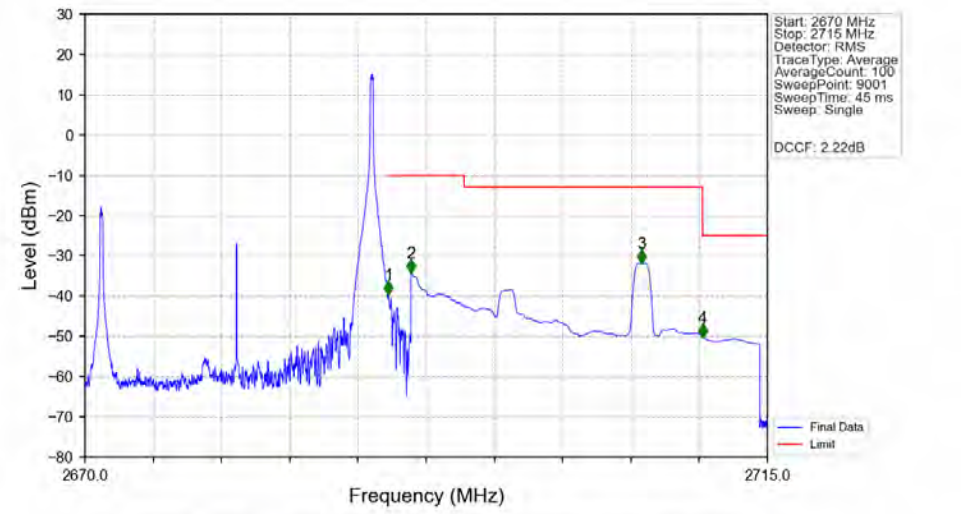

Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

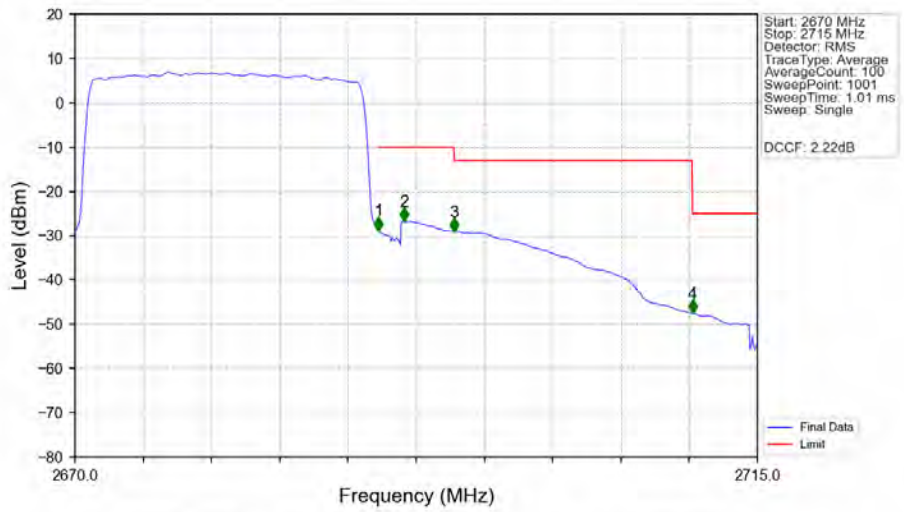



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2670 | 2690 | 0.02 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.02 | CHP | 1 | 2690.005 | -39.74 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.500 | -34.30 | -10 | Pass |
| 2695 | 2710.719 | 1 | CHP | 3 | 2706.705 | -31.94 | -13 | Pass |
| 2710.719 | 2715 | 1 | CHP | 4 | 2710.720 | -50.37 | -25 | Pass |

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2670 | 2690 | 0.414 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.414 | CHP | 1 | 2690.025 | -28.85 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.690 | -26.79 | -10 | Pass |
| 2695 | 2710.719 | 1 | CHP | 3 | 2695.020 | -29.08 | -13 | Pass |
| 2710.719 | 2715 | 1 | CHP | 4 | 2710.725 | -47.56 | -25 | Pass |

## 6. Field Strength of Spurious Radiation

**Test Band = LTE Band 41_ TM1**
**Test Channel = Low Channel**

| Final Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 4994.18 | 72.51 | -48.01 | 31.19 | -39.57 | -25.00 | 14.57 | Horizontal |
| 2 | 7491.27 | 60.25 | -46.17 | 36.38 | -44.80 | -25.00 | 19.80 | Horizontal |
| 3 | 9988.36 | 50.46 | -41.75 | 38.78 | -47.76 | -25.00 | 22.76 | Horizontal |
| 4 | 12485.45 | 50.48 | -39.84 | 39.11 | -45.51 | -25.00 | 20.51 | Horizontal |
| 5 | 14982.54 | 49.57 | -37.89 | 40.20 | -43.38 | -25.00 | 18.38 | Horizontal |
| 6 | 17479.63 | 50.61 | -36.93 | 41.68 | -39.90 | -25.00 | 14.90 | Horizontal |

| Final Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 4994 | 80.92 | -48.01 | 31.19 | -31.16 | -25.00 | 6.16 | Vertical |
| 2 | 7491 | 63.48 | -46.17 | 36.38 | -41.57 | -25.00 | 16.57 | Vertical |
| 3 | 9988.36 | 50.46 | -41.75 | 38.78 | -47.76 | -25.00 | 22.76 | Vertical |
| 4 | 12485.45 | 50.22 | -39.84 | 39.11 | -45.77 | -25.00 | 20.77 | Vertical |
| 5 | 14982.54 | 50.27 | -37.89 | 40.20 | -42.68 | -25.00 | 17.68 | Vertical |
| 6 | 17479.63 | 50.19 | -36.93 | 41.68 | -40.32 | -25.00 | 15.32 | Vertical |

**Test Band = LTE Band 41_ TM1**
**Test Channel = Mid Channel**

| Final Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 5168.18 | 75.45 | -47.87 | 31.67 | -36.01 | -25.00 | 11.01 | Horizontal |
| 2 | 7752.27 | 60.61 | -45.05 | 36.35 | -43.35 | -25.00 | 18.35 | Horizontal |
| 3 | 10336.36 | 48.80 | -41.18 | 39.04 | -48.61 | -25.00 | 23.61 | Horizontal |
| 4 | 12920.45 | 49.59 | -39.42 | 38.85 | -46.24 | -25.00 | 21.24 | Horizontal |
| 5 | 15504.54 | 51.38 | -38.05 | 39.29 | -42.64 | -25.00 | 17.64 | Horizontal |

| Final Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 5168 | 83.03 | -47.87 | 31.67 | -28.43 | -25.00 | 3.43 | Vertical |
| 2 | 7752.27 | 60.41 | -45.05 | 36.35 | -43.55 | -25.00 | 18.55 | Vertical |
| 3 | 10336.36 | 53.71 | -41.18 | 39.04 | -43.70 | -25.00 | 18.70 | Vertical |
| 4 | 12920.45 | 49.10 | -39.42 | 38.85 | -46.73 | -25.00 | 21.73 | Vertical |
| 5 | 15504.54 | 51.65 | -38.05 | 39.29 | -42.37 | -25.00 | 17.37 | Vertical |

**Test Band = LTE Band 41_ TM1**
**Test Channel = High  Channel**

| Final Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 17900 | 52.01 | -36.44 | 44.20 | -35.49 | -25.00 | 10.49 | Horizontal |
| 2 | 5255.18 | 50.50 | -47.83 | 31.92 | -60.67 | -25.00 | 35.67 | Horizontal |
| 3 | 7882.77 | 48.15 | -45.36 | 36.32 | -56.14 | -25.00 | 31.14 | Horizontal |
| 4 | 10510.36 | 48.94 | -40.71 | 39.16 | -47.88 | -25.00 | 22.88 | Horizontal |
| 5 | 13137.95 | 49.22 | -38.51 | 39.01 | -45.55 | -25.00 | 20.55 | Horizontal |
| 6 | 15765.54 | 51.34 | -38.22 | 38.82 | -43.32 | -25.00 | 18.32 | Horizontal |

| Final Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 17943 | 52.33 | -36.51 | 44.46 | -34.98 | -25.00 | 9.98 | Vertical |
| 2 | 5255.18 | 50.23 | -47.83 | 31.92 | -60.94 | -25.00 | 35.94 | Vertical |
| 3 | 7882.77 | 48.85 | -45.36 | 36.32 | -55.44 | -25.00 | 30.44 | Vertical |
| 4 | 10510.36 | 47.48 | -40.71 | 39.16 | -49.34 | -25.00 | 24.34 | Vertical |
| 5 | 13137.95 | 48.58 | -38.51 | 39.01 | -46.19 | -25.00 | 21.19 | Vertical |
| 6 | 15765.54 | 51.85 | -38.22 | 38.82 | -42.81 | -25.00 | 17.81 | Vertical |