# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 B66_1.4MHz_EIRP

### 1.1.1 Test Result

| Band: 66 / Bandwidth: 1.4MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 1710.7 | 1 | 0 | 22.59 | 6.00 | 28.59 | <=30 | Pass |
| | | | 2 | 22.47 | 6.00 | 28.47 | <=30 | Pass |
| | | | 5 | 22.44 | 6.00 | 28.44 | <=30 | Pass |
| | | 3 | 0 | 22.47 | 6.00 | 28.47 | <=30 | Pass |
| | | | 2 | 22.51 | 6.00 | 28.51 | <=30 | Pass |
| | | | 3 | 22.48 | 6.00 | 28.48 | <=30 | Pass |
| | | 6 | 0 | 21.56 | 6.00 | 27.56 | <=30 | Pass |
| | 1745 | 1 | 0 | 23.65 | 6.00 | 29.65 | <=30 | Pass |
| | | | 2 | 23.54 | 6.00 | 29.54 | <=30 | Pass |
| | | | 5 | 23.53 | 6.00 | 29.53 | <=30 | Pass |
| | | 3 | 0 | 23.65 | 6.00 | 29.65 | <=30 | Pass |
| | | | 2 | 23.54 | 6.00 | 29.54 | <=30 | Pass |
| | | | 3 | 23.49 | 6.00 | 29.49 | <=30 | Pass |
| | | 6 | 0 | 22.66 | 6.00 | 28.66 | <=30 | Pass |
| | 1779.3 | 1 | 0 | 23.15 | 6.00 | 29.15 | <=30 | Pass |
| | | | 2 | 23.28 | 6.00 | 29.28 | <=30 | Pass |
| | | | 5 | 23.61 | 6.00 | 29.61 | <=30 | Pass |
| | | 3 | 0 | 23.49 | 6.00 | 29.49 | <=30 | Pass |
| | | | 2 | 23.63 | 6.00 | 29.63 | <=30 | Pass |
| | | | 3 | 23.79 | 6.00 | 29.79 | <=30 | Pass |
| | | 6 | 0 | 22.75 | 6.00 | 28.75 | <=30 | Pass |
| 16QAM | 1710.7 | 1 | 0 | 21.63 | 6.00 | 27.63 | <=30 | Pass |
| | | | 2 | 21.53 | 6.00 | 27.53 | <=30 | Pass |
| | | | 5 | 21.58 | 6.00 | 27.58 | <=30 | Pass |
| | | 3 | 0 | 21.73 | 6.00 | 27.73 | <=30 | Pass |
| | | | 2 | 21.76 | 6.00 | 27.76 | <=30 | Pass |
| | | | 3 | 21.70 | 6.00 | 27.70 | <=30 | Pass |
| | | 6 | 0 | 20.55 | 6.00 | 26.55 | <=30 | Pass |
| | 1745 | 1 | 0 | 22.84 | 6.00 | 28.84 | <=30 | Pass |
| | | | 2 | 22.76 | 6.00 | 28.76 | <=30 | Pass |
| | | | 5 | 22.74 | 6.00 | 28.74 | <=30 | Pass |
| | | 3 | 0 | 22.73 | 6.00 | 28.73 | <=30 | Pass |
| | | | 2 | 22.65 | 6.00 | 28.65 | <=30 | Pass |
| | | | 3 | 22.65 | 6.00 | 28.65 | <=30 | Pass |
| | | 6 | 0 | 21.65 | 6.00 | 27.65 | <=30 | Pass |
| | 1779.3 | 1 | 0 | 22.84 | 6.00 | 28.84 | <=30 | Pass |
| | | | 2 | 22.84 | 6.00 | 28.84 | <=30 | Pass |
| | | | 5 | 23.02 | 6.00 | 29.02 | <=30 | Pass |
| | | 3 | 0 | 23.07 | 6.00 | 29.07 | <=30 | Pass |
| | | | 2 | 23.11 | 6.00 | 29.11 | <=30 | Pass |
| | | | 3 | 23.20 | 6.00 | 29.20 | <=30 | Pass |
| | | 6 | 0 | 22.00 | 6.00 | 28.00 | <=30 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.2 B66_3MHz_EIRP

### 1.2.1 Test Result

| Band: 66 / Bandwidth: 3MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 1711.5 | 1 | 0 | 22.30 | 6.00 | 28.30 | <=30 | Pass |
| | | | 7 | 22.30 | 6.00 | 28.30 | <=30 | Pass |
| | | | 14 | 22.14 | 6.00 | 28.14 | <=30 | Pass |
| | | 8 | 0 | 21.39 | 6.00 | 27.39 | <=30 | Pass |
| | | | 4 | 21.36 | 6.00 | 27.36 | <=30 | Pass |
| | | | 7 | 21.35 | 6.00 | 27.35 | <=30 | Pass |
| | | 15 | 0 | 21.32 | 6.00 | 27.32 | <=30 | Pass |
| | 1745 | 1 | 0 | 23.52 | 6.00 | 29.52 | <=30 | Pass |
| | | | 7 | 23.60 | 6.00 | 29.60 | <=30 | Pass |
| | | | 14 | 23.14 | 6.00 | 29.14 | <=30 | Pass |
| | | 8 | 0 | 22.64 | 6.00 | 28.64 | <=30 | Pass |
| | | | 4 | 22.63 | 6.00 | 28.63 | <=30 | Pass |
| | | | 7 | 22.54 | 6.00 | 28.54 | <=30 | Pass |
| | | 15 | 0 | 22.58 | 6.00 | 28.58 | <=30 | Pass |
| | 1778.5 | 1 | 0 | 23.38 | 6.00 | 29.38 | <=30 | Pass |
| | | | 7 | 23.81 | 6.00 | 29.81 | <=30 | Pass |
| | | | 14 | 23.79 | 6.00 | 29.79 | <=30 | Pass |
| | | 8 | 0 | 22.59 | 6.00 | 28.59 | <=30 | Pass |
| | | | 4 | 22.76 | 6.00 | 28.76 | <=30 | Pass |
| | | | 7 | 22.87 | 6.00 | 28.87 | <=30 | Pass |
| | | 15 | 0 | 22.68 | 6.00 | 28.68 | <=30 | Pass |
| 16QAM | 1711.5 | 1 | 0 | 21.96 | 6.00 | 27.96 | <=30 | Pass |
| | | | 7 | 22.04 | 6.00 | 28.04 | <=30 | Pass |
| | | | 14 | 21.92 | 6.00 | 27.92 | <=30 | Pass |
| | | 8 | 0 | 20.53 | 6.00 | 26.53 | <=30 | Pass |
| | | | 4 | 20.55 | 6.00 | 26.55 | <=30 | Pass |
| | | | 7 | 20.58 | 6.00 | 26.58 | <=30 | Pass |
| | | 15 | 0 | 20.47 | 6.00 | 26.47 | <=30 | Pass |
| | 1745 | 1 | 0 | 22.83 | 6.00 | 28.83 | <=30 | Pass |
| | | | 7 | 22.81 | 6.00 | 28.81 | <=30 | Pass |
| | | | 14 | 22.46 | 6.00 | 28.46 | <=30 | Pass |
| | | 8 | 0 | 21.58 | 6.00 | 27.58 | <=30 | Pass |
| | | | 4 | 21.54 | 6.00 | 27.54 | <=30 | Pass |
| | | | 7 | 21.52 | 6.00 | 27.52 | <=30 | Pass |
| | | 15 | 0 | 21.55 | 6.00 | 27.55 | <=30 | Pass |
| | 1778.5 | 1 | 0 | 22.44 | 6.00 | 28.44 | <=30 | Pass |
| | | | 7 | 22.82 | 6.00 | 28.82 | <=30 | Pass |
| | | | 14 | 22.82 | 6.00 | 28.82 | <=30 | Pass |
| | | 8 | 0 | 21.67 | 6.00 | 27.67 | <=30 | Pass |
| | | | 4 | 21.87 | 6.00 | 27.87 | <=30 | Pass |
| | | | 7 | 21.99 | 6.00 | 27.99 | <=30 | Pass |
| | | 15 | 0 | 21.81 | 6.00 | 27.81 | <=30 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.3 B66_5MHz_EIRP

### 1.3.1 Test Result

| Band: 66 / Bandwidth: 5MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 1712.5 | 1 | 0 | 22.26 | 6.00 | 28.26 | <=30 | Pass |
| | | | 13 | 22.17 | 6.00 | 28.17 | <=30 | Pass |
| | | | 24 | 22.03 | 6.00 | 28.03 | <=30 | Pass |
| | | 12 | 0 | 21.11 | 6.00 | 27.11 | <=30 | Pass |
| | | | 6 | 21.16 | 6.00 | 27.16 | <=30 | Pass |
| | | | 13 | 21.09 | 6.00 | 27.09 | <=30 | Pass |
| | | 25 | 0 | 21.09 | 6.00 | 27.09 | <=30 | Pass |
| | 1745 | 1 | 0 | 23.60 | 6.00 | 29.60 | <=30 | Pass |
| | | | 13 | 23.53 | 6.00 | 29.53 | <=30 | Pass |
| | | | 24 | 23.03 | 6.00 | 29.03 | <=30 | Pass |
| | | 12 | 0 | 22.57 | 6.00 | 28.57 | <=30 | Pass |
| | | | 6 | 22.56 | 6.00 | 28.56 | <=30 | Pass |
| | | | 13 | 22.23 | 6.00 | 28.23 | <=30 | Pass |
| | | 25 | 0 | 22.43 | 6.00 | 28.43 | <=30 | Pass |
| | 1777.5 | 1 | 0 | 23.10 | 6.00 | 29.10 | <=30 | Pass |
| | | | 13 | 23.66 | 6.00 | 29.66 | <=30 | Pass |
| | | | 24 | 23.77 | 6.00 | 29.77 | <=30 | Pass |
| | | 12 | 0 | 22.22 | 6.00 | 28.22 | <=30 | Pass |
| | | | 6 | 22.48 | 6.00 | 28.48 | <=30 | Pass |
| | | | 13 | 22.65 | 6.00 | 28.65 | <=30 | Pass |
| | | 25 | 0 | 22.43 | 6.00 | 28.43 | <=30 | Pass |
| 16QAM | 1712.5 | 1 | 0 | 21.16 | 6.00 | 27.16 | <=30 | Pass |
| | | | 13 | 21.16 | 6.00 | 27.16 | <=30 | Pass |
| | | | 24 | 21.09 | 6.00 | 27.09 | <=30 | Pass |
| | | 12 | 0 | 20.13 | 6.00 | 26.13 | <=30 | Pass |
| | | | 6 | 20.33 | 6.00 | 26.33 | <=30 | Pass |
| | | | 13 | 20.25 | 6.00 | 26.25 | <=30 | Pass |
| | | 25 | 0 | 20.29 | 6.00 | 26.29 | <=30 | Pass |
| | 1745 | 1 | 0 | 22.91 | 6.00 | 28.91 | <=30 | Pass |
| | | | 13 | 22.94 | 6.00 | 28.94 | <=30 | Pass |
| | | | 24 | 22.45 | 6.00 | 28.45 | <=30 | Pass |
| | | 12 | 0 | 21.59 | 6.00 | 27.59 | <=30 | Pass |
| | | | 6 | 21.71 | 6.00 | 27.71 | <=30 | Pass |
| | | | 13 | 21.42 | 6.00 | 27.42 | <=30 | Pass |
| | | 25 | 0 | 21.51 | 6.00 | 27.51 | <=30 | Pass |
| | 1777.5 | 1 | 0 | 22.21 | 6.00 | 28.21 | <=30 | Pass |
| | | | 13 | 22.75 | 6.00 | 28.75 | <=30 | Pass |
| | | | 24 | 22.89 | 6.00 | 28.89 | <=30 | Pass |
| | | 12 | 0 | 21.26 | 6.00 | 27.26 | <=30 | Pass |
| | | | 6 | 21.58 | 6.00 | 27.58 | <=30 | Pass |
| | | | 13 | 21.71 | 6.00 | 27.71 | <=30 | Pass |
| | | 25 | 0 | 21.59 | 6.00 | 27.59 | <=30 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.4 B66_10MHz_EIRP

### 1.4.1 Test Result

| Band: 66 / Bandwidth: 10MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 1715 | 1 | 0 | 21.92 | 6.00 | 27.92 | <=30 | Pass |
| | | | 25 | 21.90 | 6.00 | 27.90 | <=30 | Pass |
| | | | 49 | 21.97 | 6.00 | 27.97 | <=30 | Pass |
| | | 25 | 0 | 20.73 | 6.00 | 26.73 | <=30 | Pass |
| | | | 13 | 20.93 | 6.00 | 26.93 | <=30 | Pass |
| | | | 25 | 20.83 | 6.00 | 26.83 | <=30 | Pass |
| | | 50 | 0 | 20.82 | 6.00 | 26.82 | <=30 | Pass |
| | 1745 | 1 | 0 | 23.34 | 6.00 | 29.34 | <=30 | Pass |
| | | | 25 | 23.27 | 6.00 | 29.27 | <=30 | Pass |
| | | | 49 | 22.50 | 6.00 | 28.50 | <=30 | Pass |
| | | 25 | 0 | 22.23 | 6.00 | 28.23 | <=30 | Pass |
| | | | 13 | 22.26 | 6.00 | 28.26 | <=30 | Pass |
| | | | 25 | 21.85 | 6.00 | 27.85 | <=30 | Pass |
| | | 50 | 0 | 22.09 | 6.00 | 28.09 | <=30 | Pass |
| | 1775 | 1 | 0 | 22.50 | 6.00 | 28.50 | <=30 | Pass |
| | | | 25 | 22.85 | 6.00 | 28.85 | <=30 | Pass |
| | | | 49 | 23.51 | 6.00 | 29.51 | <=30 | Pass |
| | | 25 | 0 | 21.41 | 6.00 | 27.41 | <=30 | Pass |
| | | | 13 | 21.82 | 6.00 | 27.82 | <=30 | Pass |
| | | | 25 | 22.09 | 6.00 | 28.09 | <=30 | Pass |
| | | 50 | 0 | 21.75 | 6.00 | 27.75 | <=30 | Pass |
| 16QAM | 1715 | 1 | 0 | 21.54 | 6.00 | 27.54 | <=30 | Pass |
| | | | 25 | 21.63 | 6.00 | 27.63 | <=30 | Pass |
| | | | 49 | 21.70 | 6.00 | 27.70 | <=30 | Pass |
| | | 12 | 0 | 21.04 | 6.00 | 27.04 | <=30 | Pass |
| | | | 19 | 21.10 | 6.00 | 27.10 | <=30 | Pass |
| | | | 38 | 21.13 | 6.00 | 27.13 | <=30 | Pass |
| | | 27 | 0 | 19.82 | 6.00 | 25.82 | <=30 | Pass |
| | 1745 | 1 | 0 | 22.65 | 6.00 | 28.65 | <=30 | Pass |
| | | | 25 | 22.68 | 6.00 | 28.68 | <=30 | Pass |
| | | | 49 | 21.91 | 6.00 | 27.91 | <=30 | Pass |
| | | 12 | 0 | 22.51 | 6.00 | 28.51 | <=30 | Pass |
| | | | 19 | 22.51 | 6.00 | 28.51 | <=30 | Pass |
| | | | 38 | 21.91 | 6.00 | 27.91 | <=30 | Pass |
| | | 27 | 0 | 21.45 | 6.00 | 27.45 | <=30 | Pass |
| | 1775 | 1 | 0 | 21.49 | 6.00 | 27.49 | <=30 | Pass |
| | | | 25 | 21.89 | 6.00 | 27.89 | <=30 | Pass |
| | | | 49 | 22.52 | 6.00 | 28.52 | <=30 | Pass |
| | | 12 | 0 | 21.53 | 6.00 | 27.53 | <=30 | Pass |
| | | | 19 | 21.88 | 6.00 | 27.88 | <=30 | Pass |
| | | | 38 | 22.42 | 6.00 | 28.42 | <=30 | Pass |
| | | 27 | 23 | 21.16 | 6.00 | 27.16 | <=30 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.5 B66_15MHz_EIRP

### 1.5.1 Test Result

| Band: 66 / Bandwidth: 15MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 1717.5 | 1 | 0 | 22.50 | 6.00 | 28.50 | <=30 | Pass |
| | | | 38 | 22.37 | 6.00 | 28.37 | <=30 | Pass |
| | | | 74 | 22.45 | 6.00 | 28.45 | <=30 | Pass |
| | | 36 | 0 | 21.68 | 6.00 | 27.68 | <=30 | Pass |
| | | | 18 | 21.65 | 6.00 | 27.65 | <=30 | Pass |
| | | | 39 | 21.66 | 6.00 | 27.66 | <=30 | Pass |
| | | 75 | 0 | 21.59 | 6.00 | 27.59 | <=30 | Pass |
| | 1745 | 1 | 0 | 23.00 | 6.00 | 29.00 | <=30 | Pass |
| | | | 38 | 23.48 | 6.00 | 29.48 | <=30 | Pass |
| | | | 74 | 22.68 | 6.00 | 28.68 | <=30 | Pass |
| | | 36 | 0 | 22.38 | 6.00 | 28.38 | <=30 | Pass |
| | | | 18 | 22.44 | 6.00 | 28.44 | <=30 | Pass |
| | | | 39 | 21.98 | 6.00 | 27.98 | <=30 | Pass |
| | | 75 | 0 | 22.18 | 6.00 | 28.18 | <=30 | Pass |
| | 1772.5 | 1 | 0 | 22.63 | 6.00 | 28.63 | <=30 | Pass |
| | | | 38 | 22.43 | 6.00 | 28.43 | <=30 | Pass |
| | | | 74 | 23.08 | 6.00 | 29.08 | <=30 | Pass |
| | | 36 | 0 | 21.91 | 6.00 | 27.91 | <=30 | Pass |
| | | | 18 | 21.71 | 6.00 | 27.71 | <=30 | Pass |
| | | | 39 | 21.69 | 6.00 | 27.69 | <=30 | Pass |
| | | 75 | 0 | 21.77 | 6.00 | 27.77 | <=30 | Pass |
| 16QAM | 1717.5 | 1 | 0 | 21.72 | 6.00 | 27.72 | <=30 | Pass |
| | | | 38 | 21.73 | 6.00 | 27.73 | <=30 | Pass |
| | | | 74 | 21.77 | 6.00 | 27.77 | <=30 | Pass |
| | | 12 | 0 | 21.33 | 6.00 | 27.33 | <=30 | Pass |
| | | | 31 | 21.52 | 6.00 | 27.52 | <=30 | Pass |
| | | | 63 | 21.52 | 6.00 | 27.52 | <=30 | Pass |
| | | 27 | 0 | 20.45 | 6.00 | 26.45 | <=30 | Pass |
| | 1745 | 1 | 0 | 22.54 | 6.00 | 28.54 | <=30 | Pass |
| | | | 38 | 22.84 | 6.00 | 28.84 | <=30 | Pass |
| | | | 74 | 21.89 | 6.00 | 27.89 | <=30 | Pass |
| | | 12 | 0 | 22.35 | 6.00 | 28.35 | <=30 | Pass |
| | | | 31 | 22.62 | 6.00 | 28.62 | <=30 | Pass |
| | | | 63 | 21.67 | 6.00 | 27.67 | <=30 | Pass |
| | | 27 | 0 | 21.41 | 6.00 | 27.41 | <=30 | Pass |
| | 1772.5 | 1 | 0 | 21.73 | 6.00 | 27.73 | <=30 | Pass |
| | | | 38 | 21.76 | 6.00 | 27.76 | <=30 | Pass |
| | | | 74 | 22.60 | 6.00 | 28.60 | <=30 | Pass |
| | | 12 | 0 | 21.39 | 6.00 | 27.39 | <=30 | Pass |
| | | | 31 | 21.71 | 6.00 | 27.71 | <=30 | Pass |
| | | | 63 | 22.28 | 6.00 | 28.28 | <=30 | Pass |
| | | 27 | 48 | 21.27 | 6.00 | 27.27 | <=30 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.6 B66_20MHz_EIRP

### 1.6.1 Test Result

| Band: 66 / Bandwidth: 20MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 1720 | 1 | 0 | 22.48 | 6.00 | 28.48 | <=30 | Pass |
| | | | 50 | 22.59 | 6.00 | 28.59 | <=30 | Pass |
| | | | 99 | 22.66 | 6.00 | 28.66 | <=30 | Pass |
| | | 50 | 0 | 21.21 | 6.00 | 27.21 | <=30 | Pass |
| | | | 25 | 21.57 | 6.00 | 27.57 | <=30 | Pass |
| | | | 50 | 21.54 | 6.00 | 27.54 | <=30 | Pass |
| | | 100 | 0 | 21.53 | 6.00 | 27.53 | <=30 | Pass |
| | 1745 | 1 | 0 | 22.94 | 6.00 | 28.94 | <=30 | Pass |
| | | | 50 | 23.57 | 6.00 | 29.57 | <=30 | Pass |
| | | | 99 | 22.44 | 6.00 | 28.44 | <=30 | Pass |
| | | 50 | 0 | 22.29 | 6.00 | 28.29 | <=30 | Pass |
| | | | 25 | 22.39 | 6.00 | 28.39 | <=30 | Pass |
| | | | 50 | 21.63 | 6.00 | 27.63 | <=30 | Pass |
| | | 100 | 0 | 22.04 | 6.00 | 28.04 | <=30 | Pass |
| | 1770 | 1 | 0 | 22.45 | 6.00 | 28.45 | <=30 | Pass |
| | | | 50 | 22.66 | 6.00 | 28.66 | <=30 | Pass |
| | | | 99 | 22.97 | 6.00 | 28.97 | <=30 | Pass |
| | | 50 | 0 | 21.79 | 6.00 | 27.79 | <=30 | Pass |
| | | | 25 | 21.93 | 6.00 | 27.93 | <=30 | Pass |
| | | | 50 | 21.45 | 6.00 | 27.45 | <=30 | Pass |
| | | 100 | 0 | 22.04 | 6.00 | 28.04 | <=30 | Pass |
| 16QAM | 1720 | 1 | 0 | 21.56 | 6.00 | 27.56 | <=30 | Pass |
| | | | 50 | 21.90 | 6.00 | 27.90 | <=30 | Pass |
| | | | 99 | 22.22 | 6.00 | 28.22 | <=30 | Pass |
| | | 12 | 0 | 21.09 | 6.00 | 27.09 | <=30 | Pass |
| | | | 44 | 21.58 | 6.00 | 27.58 | <=30 | Pass |
| | | | 88 | 21.65 | 6.00 | 27.65 | <=30 | Pass |
| | | 27 | 0 | 20.12 | 6.00 | 26.12 | <=30 | Pass |
| | 1745 | 1 | 0 | 22.39 | 6.00 | 28.39 | <=30 | Pass |
| | | | 50 | 22.90 | 6.00 | 28.90 | <=30 | Pass |
| | | | 99 | 21.65 | 6.00 | 27.65 | <=30 | Pass |
| | | 12 | 0 | 22.11 | 6.00 | 28.11 | <=30 | Pass |
| | | | 44 | 22.61 | 6.00 | 28.61 | <=30 | Pass |
| | | | 88 | 21.34 | 6.00 | 27.34 | <=30 | Pass |
| | | 27 | 0 | 21.25 | 6.00 | 27.25 | <=30 | Pass |
| | 1770 | 1 | 0 | 21.61 | 6.00 | 27.61 | <=30 | Pass |
| | | | 50 | 22.03 | 6.00 | 28.03 | <=30 | Pass |
| | | | 99 | 22.42 | 6.00 | 28.42 | <=30 | Pass |
| | | 12 | 0 | 21.17 | 6.00 | 27.17 | <=30 | Pass |
| | | | 44 | 21.82 | 6.00 | 27.82 | <=30 | Pass |
| | | | 88 | 22.00 | 6.00 | 28.00 | <=30 | Pass |
| | | 27 | 73 | 20.94 | 6.00 | 26.94 | <=30 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

# 2. Frequency Stability

## 2.1 B66_1.4MHz

### 2.1.1 Test Result

| Band: 66 / Bandwidth: 1.4MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 1710.7 | 6 | 0 | 20 | 3.27 | 17.418 | 0.0102 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 19.074 | 0.0111 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 8.432 | 0.0049 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 12.340 | 0.0072 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 8.720 | 0.0051 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 13.441 | 0.0079 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -3.478 | -0.0020 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 12.874 | 0.0075 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 18.767 | 0.0110 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -3.403 | -0.0020 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 20.351 | 0.0119 | -2.5 to 2.5 | Pass |
| | 1745 | 6 | 0 | 20 | 3.27 | 16.888 | 0.0097 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 8.207 | 0.0047 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -18.861 | -0.0108 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -13.478 | -0.0077 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -5.521 | -0.0032 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 6.124 | 0.0035 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -0.105 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 14.471 | 0.0083 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 10.922 | 0.0063 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 18.496 | 0.0106 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -12.190 | -0.0070 | -2.5 to 2.5 | Pass |
| | 1779.3 | 6 | 0 | 20 | 3.27 | 14.962 | 0.0084 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 10.770 | 0.0061 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 10.565 | 0.0059 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 17.903 | 0.0101 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 11.935 | 0.0067 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 11.169 | 0.0063 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 18.467 | 0.0104 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -6.620 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -15.420 | -0.0087 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 10.930 | 0.0061 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -11.002 | -0.0062 | -2.5 to 2.5 | Pass |
| 16QAM | 1710.7 | 6 | 0 | 20 | 3.27 | -6.330 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -16.178 | -0.0095 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 16.249 | 0.0095 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -16.814 | -0.0098 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 3.082 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 0.132 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 7.319 | 0.0043 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -16.644 | -0.0097 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 6.562 | 0.0038 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 15.405 | 0.0090 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -6.106 | -0.0036 | -2.5 to 2.5 | Pass |
| | 1745 | 6 | 0 | 20 | 3.27 | -14.424 | -0.0083 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -17.144 | -0.0098 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 4.43 | -10.026 | -0.0057 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -13.216 | -0.0076 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 20.229 | 0.0116 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 18.285 | 0.0105 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 13.158 | 0.0075 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 20.314 | 0.0116 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -15.665 | -0.0090 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -0.103 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 15.805 | 0.0091 | -2.5 to 2.5 | Pass |
| | 1779.3 | 6 | 0 | 20 | 3.27 | -15.787 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -4.980 | -0.0028 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 3.793 | 0.0021 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -12.337 | -0.0069 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 9.049 | 0.0051 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -12.827 | -0.0072 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 17.139 | 0.0096 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 2.169 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 18.130 | 0.0102 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -16.444 | -0.0092 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 9.998 | 0.0056 | -2.5 to 2.5 | Pass |

## 2.2 B66_3MHz

### 2.2.1 Test Result

| Band: 66 / Bandwidth: 3MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 1711.5 | 15 | 0 | 20 | 3.27 | 16.204 | 0.0095 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 17.188 | 0.0100 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 15.293 | 0.0089 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 10.669 | 0.0062 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -8.906 | -0.0052 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 2.921 | 0.0017 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -0.461 | -0.0003 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -10.131 | -0.0059 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 15.874 | 0.0093 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 13.202 | 0.0077 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -16.721 | -0.0098 | -2.5 to 2.5 | Pass |
| | 1745 | 15 | 0 | 20 | 3.27 | -21.306 | -0.0122 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -15.056 | -0.0086 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 3.626 | 0.0021 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -9.480 | -0.0054 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -8.823 | -0.0051 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 11.181 | 0.0064 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -16.080 | -0.0092 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -9.236 | -0.0053 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -4.504 | -0.0026 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -20.857 | -0.0120 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -20.885 | -0.0120 | -2.5 to 2.5 | Pass |
| | 1778.5 | 15 | 0 | 20 | 3.27 | 17.031 | 0.0096 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 7.267 | 0.0041 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 17.521 | 0.0099 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 14.010 | 0.0079 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 10.517 | 0.0059 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 11.166 | 0.0063 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 9.923 | 0.0056 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -13.877 | -0.0078 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 16.949 | 0.0095 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 18.262 | 0.0103 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -7.092 | -0.0040 | -2.5 to 2.5 | Pass |
| 16QAM | 1711.5 | 15 | 0 | 20 | 3.27 | -19.502 | -0.0114 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 7.731 | 0.0045 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -3.955 | -0.0023 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -4.202 | -0.0025 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 13.931 | 0.0081 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -19.854 | -0.0116 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -17.311 | -0.0101 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -14.978 | -0.0088 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 10.366 | 0.0061 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -20.967 | -0.0123 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 15.425 | 0.0090 | -2.5 to 2.5 | Pass |
| | 1745 | 15 | 0 | 20 | 3.27 | -15.868 | -0.0091 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 0.255 | 0.0001 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -12.520 | -0.0072 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -10.393 | -0.0060 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -19.751 | -0.0113 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -10 | 3.85 | -19.601 | -0.0112 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -21.490 | -0.0123 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -13.916 | -0.0080 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -19.101 | -0.0109 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -6.755 | -0.0039 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 1.533 | 0.0009 | -2.5 to 2.5 | Pass |
| | 1778.5 | 15 | 0 | 20 | 3.27 | -18.711 | -0.0105 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -20.070 | -0.0113 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -21.024 | -0.0118 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -12.376 | -0.0070 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -16.424 | -0.0092 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -19.713 | -0.0111 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 8.646 | 0.0049 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -0.248 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 8.728 | 0.0049 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -15.515 | -0.0087 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -16.553 | -0.0093 | -2.5 to 2.5 | Pass |

## 2.3 B66_5MHz

### 2.3.1 Test Result

| Band: 66 / Bandwidth: 5MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 1712.5 | 25 | 0 | 20 | 3.27 | 15.177 | 0.0089 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -17.192 | -0.0100 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 18.100 | 0.0106 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 12.162 | 0.0071 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -16.030 | -0.0094 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 20.402 | 0.0119 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 11.727 | 0.0068 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -6.307 | -0.0037 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -13.407 | -0.0078 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 0.440 | 0.0003 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 10.756 | 0.0063 | -2.5 to 2.5 | Pass |
| | 1745 | 25 | 0 | 20 | 3.27 | 17.158 | 0.0098 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -10.538 | -0.0060 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -13.071 | -0.0075 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 14.736 | 0.0084 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -19.378 | -0.0111 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 16.102 | 0.0092 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -14.310 | -0.0082 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -22.213 | -0.0127 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 10.812 | 0.0062 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 8.451 | 0.0048 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -7.989 | -0.0046 | -2.5 to 2.5 | Pass |
| | 1777.5 | 25 | 0 | 20 | 3.27 | 16.399 | 0.0092 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 13.985 | 0.0079 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 16.904 | 0.0095 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 16.453 | 0.0093 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 18.275 | 0.0103 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 18.048 | 0.0102 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 14.248 | 0.0080 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -16.595 | -0.0093 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 18.496 | 0.0104 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 18.619 | 0.0105 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 7.033 | 0.0040 | -2.5 to 2.5 | Pass |
| 16QAM | 1712.5 | 25 | 0 | 20 | 3.27 | -17.620 | -0.0103 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -18.496 | -0.0108 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 8.450 | 0.0049 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -20.035 | -0.0117 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -12.691 | -0.0074 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -2.603 | -0.0015 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 15.516 | 0.0091 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 19.944 | 0.0116 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 7.333 | 0.0043 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 7.905 | 0.0046 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 0.346 | 0.0002 | -2.5 to 2.5 | Pass |
| | 1745 | 25 | 0 | 20 | 3.27 | 3.174 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -18.962 | -0.0109 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -20.407 | -0.0117 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -11.228 | -0.0064 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 9.506 | 0.0054 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -10 | 3.85 | -20.170 | -0.0116 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 10.114 | 0.0058 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -15.520 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -21.059 | -0.0121 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -17.585 | -0.0101 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -16.668 | -0.0096 | -2.5 to 2.5 | Pass |
| | 1777.5 | 25 | 0 | 20 | 3.27 | -13.192 | -0.0074 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -14.213 | -0.0080 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -6.127 | -0.0034 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -11.824 | -0.0067 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -15.605 | -0.0088 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -23.487 | -0.0132 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -16.599 | -0.0093 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -19.213 | -0.0108 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 12.893 | 0.0073 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.453 | 0.0019 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 3.605 | 0.0020 | -2.5 to 2.5 | Pass |

## 2.4 B66_10MHz

### 2.4.1 Test Result

| Band: 66 / Bandwidth: 10MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 1715 | 50 | 0 | 20 | 3.27 | 15.924 | 0.0093 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 15.065 | 0.0088 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 1.878 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 10.362 | 0.0060 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -7.897 | -0.0046 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 10.406 | 0.0061 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 12.812 | 0.0075 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 1.575 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 12.131 | 0.0071 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.049 | 0.0018 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 8.992 | 0.0052 | -2.5 to 2.5 | Pass |
| | 1745 | 50 | 0 | 20 | 3.27 | -16.234 | -0.0093 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -11.139 | -0.0064 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -9.838 | -0.0056 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -19.661 | -0.0113 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 14.451 | 0.0083 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -5.130 | -0.0029 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 16.460 | 0.0094 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -0.333 | -0.0002 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -9.384 | -0.0054 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 18.402 | 0.0105 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 13.920 | 0.0080 | -2.5 to 2.5 | Pass |
| | 1775 | 50 | 0 | 20 | 3.27 | 17.832 | 0.0100 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 11.209 | 0.0063 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 13.400 | 0.0075 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 16.795 | 0.0095 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 18.107 | 0.0102 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 9.581 | 0.0054 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 19.749 | 0.0111 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 11.741 | 0.0066 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 17.426 | 0.0098 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 20.892 | 0.0118 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 15.585 | 0.0088 | -2.5 to 2.5 | Pass |
| 16QAM | 1715 | 27 | 0 | 20 | 3.27 | -12.201 | -0.0071 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -17.424 | -0.0102 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -13.424 | -0.0078 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 17.766 | 0.0104 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -20.064 | -0.0117 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -19.092 | -0.0111 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -12.295 | -0.0072 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 16.343 | 0.0095 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -9.976 | -0.0058 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -4.938 | -0.0029 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 15.426 | 0.0090 | -2.5 to 2.5 | Pass |
| | 1745 | 27 | 0 | 20 | 3.27 | -15.933 | -0.0091 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -12.317 | -0.0071 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -14.195 | -0.0081 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 3.761 | 0.0022 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -9.271 | -0.0053 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -10 | 3.85 | 17.295 | 0.0099 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 14.732 | 0.0084 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -13.996 | -0.0080 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -18.169 | -0.0104 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -11.202 | -0.0064 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 16.931 | 0.0097 | -2.5 to 2.5 | Pass |
| | 1775 | 27 | 23 | 20 | 3.27 | -17.746 | -0.0100 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -18.013 | -0.0101 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -10.481 | -0.0059 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -3.897 | -0.0022 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -13.965 | -0.0079 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -18.258 | -0.0103 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -18.388 | -0.0104 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -20.720 | -0.0117 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 12.510 | 0.0070 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 3.784 | 0.0021 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 18.932 | 0.0107 | -2.5 to 2.5 | Pass |

## 2.5 B66_15MHz

### 2.5.1 Test Result

| Band: 66 / Bandwidth: 15MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 1717.5 | 75 | 0 | 20 | 3.27 | 6.577 | 0.0038 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 16.861 | 0.0098 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 11.792 | 0.0069 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 18.511 | 0.0108 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 14.486 | 0.0084 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 11.218 | 0.0065 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 20.452 | 0.0119 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 12.048 | 0.0070 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 20.841 | 0.0121 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 20.557 | 0.0120 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 11.566 | 0.0067 | -2.5 to 2.5 | Pass |
| | 1745 | 75 | 0 | 20 | 3.27 | 17.514 | 0.0100 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 7.850 | 0.0045 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 15.672 | 0.0090 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 14.412 | 0.0083 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 11.093 | 0.0064 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 19.582 | 0.0112 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 10.450 | 0.0060 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 16.111 | 0.0092 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 2.044 | 0.0012 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 14.680 | 0.0084 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 17.283 | 0.0099 | -2.5 to 2.5 | Pass |
| | 1772.5 | 75 | 0 | 20 | 3.27 | -19.284 | -0.0109 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -16.125 | -0.0091 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -14.443 | -0.0081 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 19.549 | 0.0110 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 16.124 | 0.0091 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 16.289 | 0.0092 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 19.701 | 0.0111 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 16.684 | 0.0094 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 18.178 | 0.0103 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 16.284 | 0.0092 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 14.526 | 0.0082 | -2.5 to 2.5 | Pass |
| 16QAM | 1717.5 | 27 | 0 | 20 | 3.27 | -16.225 | -0.0094 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -17.731 | -0.0103 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -19.175 | -0.0112 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 11.660 | 0.0068 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -3.015 | -0.0018 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | -15.214 | -0.0089 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 11.055 | 0.0064 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -13.064 | -0.0076 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -22.499 | -0.0131 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -17.537 | -0.0102 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 17.257 | 0.0100 | -2.5 to 2.5 | Pass |
| | 1745 | 27 | 0 | 20 | 3.27 | 12.064 | 0.0069 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 14.778 | 0.0085 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 14.660 | 0.0084 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | -9.171 | -0.0053 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -7.760 | -0.0044 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -10 | 3.85 | 16.583 | 0.0095 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 11.533 | 0.0066 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 16.046 | 0.0092 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 15.479 | 0.0089 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 6.071 | 0.0035 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -12.087 | -0.0069 | -2.5 to 2.5 | Pass |
| | 1772.5 | 27 | 48 | 20 | 3.27 | -18.293 | -0.0103 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -4.891 | -0.0028 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 18.116 | 0.0102 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 12.262 | 0.0069 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 15.718 | 0.0089 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 22.424 | 0.0127 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 17.544 | 0.0099 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 16.617 | 0.0094 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | -0.116 | -0.0001 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | -17.171 | -0.0097 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -2.702 | -0.0015 | -2.5 to 2.5 | Pass |

## 2.6 B66_20MHz

### 2.6.1 Test Result

| Band: 66 / Bandwidth: 20MHz | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Temp. (°C) | Voltage (VDC) | Freq. Error (Hz) | Freq. vs. Rated (ppm) | | Verdict |
| | | Size | Offset | | | | Result | Limit | |
| QPSK | 1720 | 100 | 0 | 20 | 3.27 | -17.431 | -0.0101 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -17.365 | -0.0101 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -13.448 | -0.0078 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 17.154 | 0.0100 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 11.031 | 0.0064 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 10.669 | 0.0062 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 14.753 | 0.0086 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 19.414 | 0.0113 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 12.396 | 0.0072 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 18.831 | 0.0109 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 4.816 | 0.0028 | -2.5 to 2.5 | Pass |
| | 1745 | 100 | 0 | 20 | 3.27 | 16.090 | 0.0092 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 17.392 | 0.0100 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 19.552 | 0.0112 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 9.671 | 0.0055 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 21.346 | 0.0122 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 8.505 | 0.0049 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 20.893 | 0.0120 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 11.765 | 0.0067 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 19.106 | 0.0109 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 14.554 | 0.0083 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 21.415 | 0.0123 | -2.5 to 2.5 | Pass |
| | 1770 | 100 | 0 | 20 | 3.27 | -20.856 | -0.0118 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -17.928 | -0.0101 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -20.208 | -0.0114 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 15.166 | 0.0086 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 14.944 | 0.0084 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 18.286 | 0.0103 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 15.393 | 0.0087 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 18.182 | 0.0103 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 21.794 | 0.0123 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 14.794 | 0.0084 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 13.408 | 0.0076 | -2.5 to 2.5 | Pass |
| 16QAM | 1720 | 27 | 0 | 20 | 3.27 | -6.038 | -0.0035 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | -13.692 | -0.0080 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -15.194 | -0.0088 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 19.908 | 0.0116 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -19.228 | -0.0112 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 15.787 | 0.0092 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 9.839 | 0.0057 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | -13.605 | -0.0079 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 21.911 | 0.0127 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 21.024 | 0.0122 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 19.530 | 0.0114 | -2.5 to 2.5 | Pass |
| | 1745 | 27 | 0 | 20 | 3.27 | 19.664 | 0.0113 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 12.505 | 0.0072 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | -0.059 | 0.0000 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 1.897 | 0.0011 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | 15.311 | 0.0088 | -2.5 to 2.5 | Pass |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | -10 | 3.85 | 8.440 | 0.0048 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | 20.105 | 0.0115 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 10.780 | 0.0062 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 7.613 | 0.0044 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 6.907 | 0.0040 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | 20.649 | 0.0118 | -2.5 to 2.5 | Pass |
| | 1770 | 27 | 73 | 20 | 3.27 | -19.153 | -0.0108 | -2.5 to 2.5 | Pass |
| | | | | | 3.85 | 1.607 | 0.0009 | -2.5 to 2.5 | Pass |
| | | | | | 4.43 | 15.950 | 0.0090 | -2.5 to 2.5 | Pass |
| | | | | -30 | 3.85 | 3.645 | 0.0021 | -2.5 to 2.5 | Pass |
| | | | | -20 | 3.85 | -21.967 | -0.0124 | -2.5 to 2.5 | Pass |
| | | | | -10 | 3.85 | 12.864 | 0.0073 | -2.5 to 2.5 | Pass |
| | | | | 0 | 3.85 | -13.194 | -0.0075 | -2.5 to 2.5 | Pass |
| | | | | 10 | 3.85 | 17.474 | 0.0099 | -2.5 to 2.5 | Pass |
| | | | | 30 | 3.85 | 15.073 | 0.0085 | -2.5 to 2.5 | Pass |
| | | | | 40 | 3.85 | 15.724 | 0.0089 | -2.5 to 2.5 | Pass |
| | | | | 50 | 3.85 | -20.263 | -0.0114 | -2.5 to 2.5 | Pass |

# 3. 99% & 26dB Bandwidth

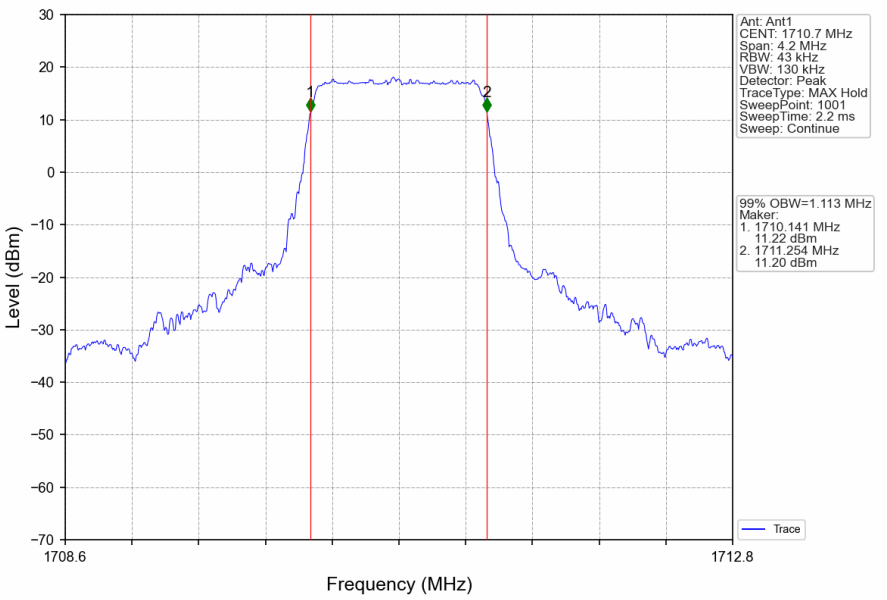
## 3.1 Band66_OBW

### 3.1.1 Test Result

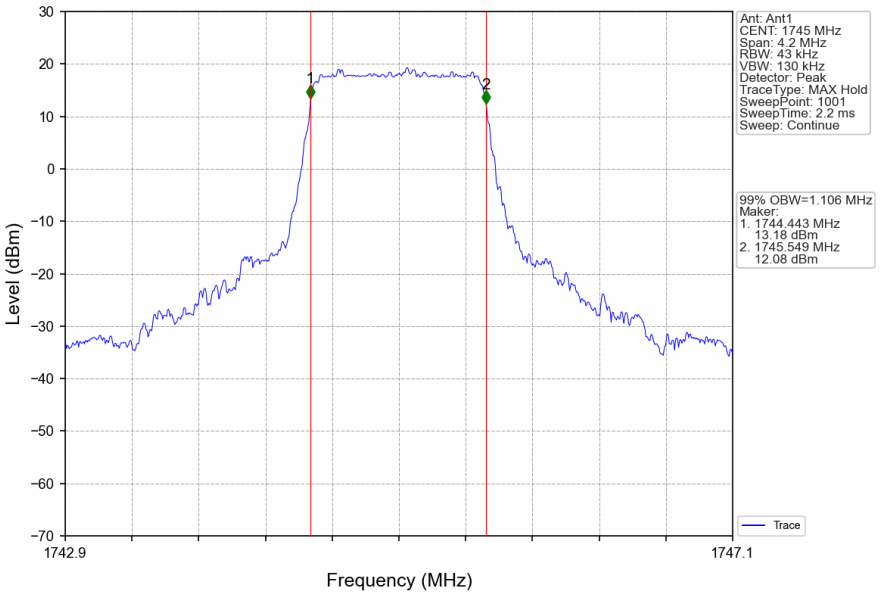
| Band: 66 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 99% Occupied Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 1.4 | QPSK | 1710.7 | 6 | 0 | 1.113 | / | Pass |
| | | 1745 | 6 | 0 | 1.106 | / | Pass |
| | | 1779.3 | 6 | 0 | 1.114 | / | Pass |
| | 16QAM | 1710.7 | 6 | 0 | 1.103 | / | Pass |
| | | 1745 | 6 | 0 | 1.112 | / | Pass |
| | | 1779.3 | 6 | 0 | 1.106 | / | Pass |
| 3 | QPSK | 1711.5 | 15 | 0 | 2.734 | / | Pass |
| | | 1745 | 15 | 0 | 2.732 | / | Pass |
| | | 1778.5 | 15 | 0 | 2.732 | / | Pass |
| | 16QAM | 1711.5 | 15 | 0 | 2.744 | / | Pass |
| | | 1745 | 15 | 0 | 2.727 | / | Pass |
| | | 1778.5 | 15 | 0 | 2.728 | / | Pass |
| 5 | QPSK | 1712.5 | 25 | 0 | 4.556 | / | Pass |
| | | 1745 | 25 | 0 | 4.545 | / | Pass |
| | | 1777.5 | 25 | 0 | 4.536 | / | Pass |
| | 16QAM | 1712.5 | 25 | 0 | 4.543 | / | Pass |
| | | 1745 | 25 | 0 | 4.550 | / | Pass |
| | | 1777.5 | 25 | 0 | 4.540 | / | Pass |
| 10 | QPSK | 1715 | 50 | 0 | 9.049 | / | Pass |
| | | 1745 | 50 | 0 | 9.043 | / | Pass |
| | | 1775 | 50 | 0 | 9.032 | / | Pass |
| | 16QAM | 1715 | 27 | 0 | 5.045 | / | Pass |
| | | 1745 | 27 | 0 | 5.044 | / | Pass |
| | | 1775 | 27 | 23 | 5.065 | / | Pass |
| 15 | QPSK | 1717.5 | 75 | 0 | 13.539 | / | Pass |
| | | 1745 | 75 | 0 | 13.519 | / | Pass |
| | | 1772.5 | 75 | 0 | 13.569 | / | Pass |
| | 16QAM | 1717.5 | 27 | 0 | 5.260 | / | Pass |
| | | 1745 | 27 | 0 | 5.259 | / | Pass |
| | | 1772.5 | 27 | 48 | 5.259 | / | Pass |
| 20 | QPSK | 1720 | 100 | 0 | 18.049 | / | Pass |
| | | 1745 | 100 | 0 | 17.978 | / | Pass |
| | | 1770 | 100 | 0 | 18.142 | / | Pass |
| | 16QAM | 1720 | 27 | 0 | 5.429 | / | Pass |
| | | 1745 | 27 | 0 | 5.421 | / | Pass |
| | | 1770 | 27 | 73 | 5.398 | / | Pass |

## 3.1.2 Test Graph

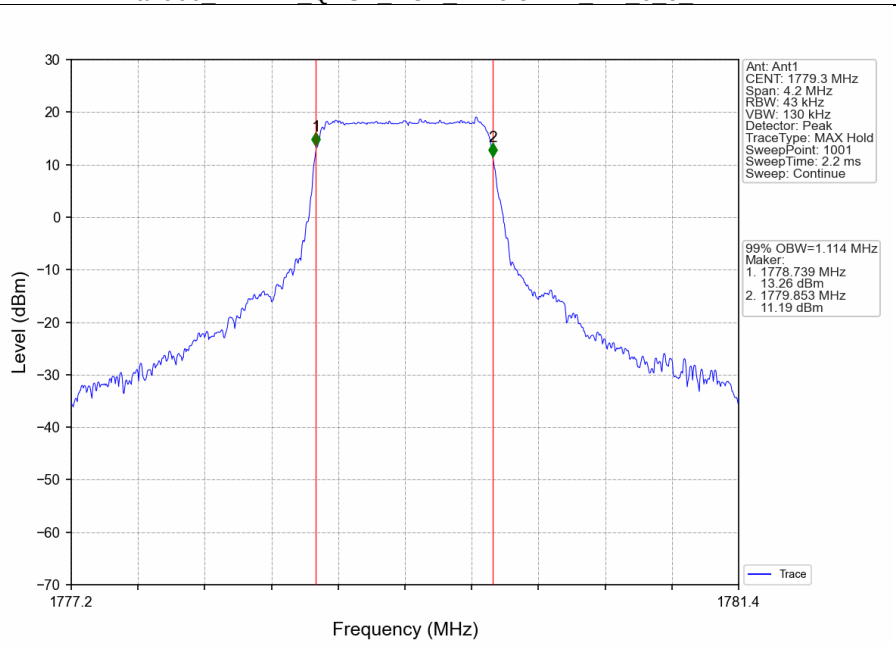
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



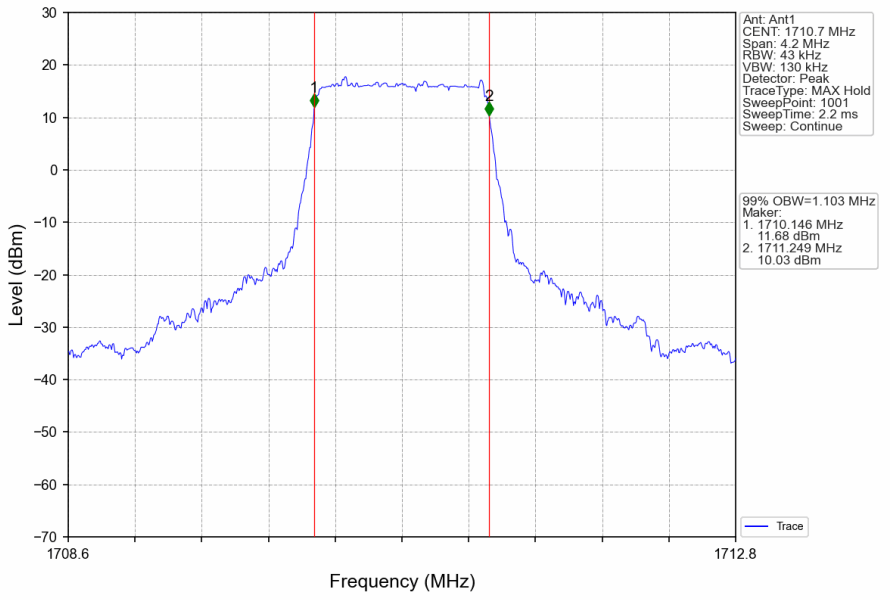

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



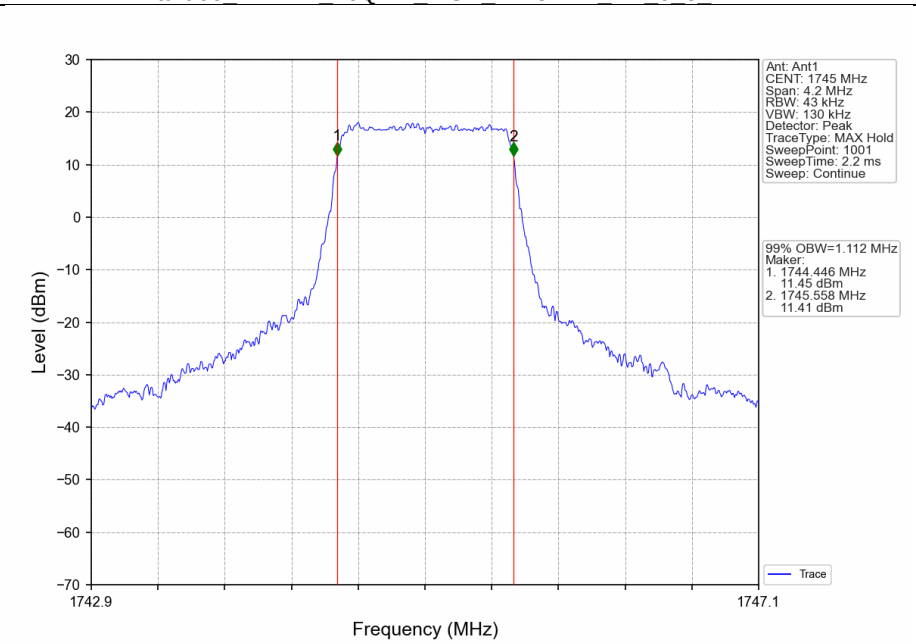
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



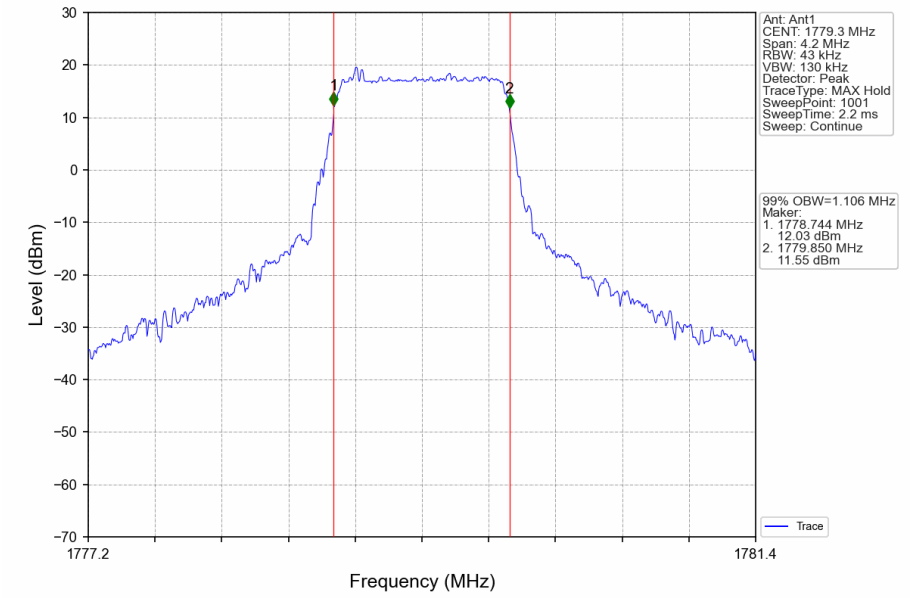

Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



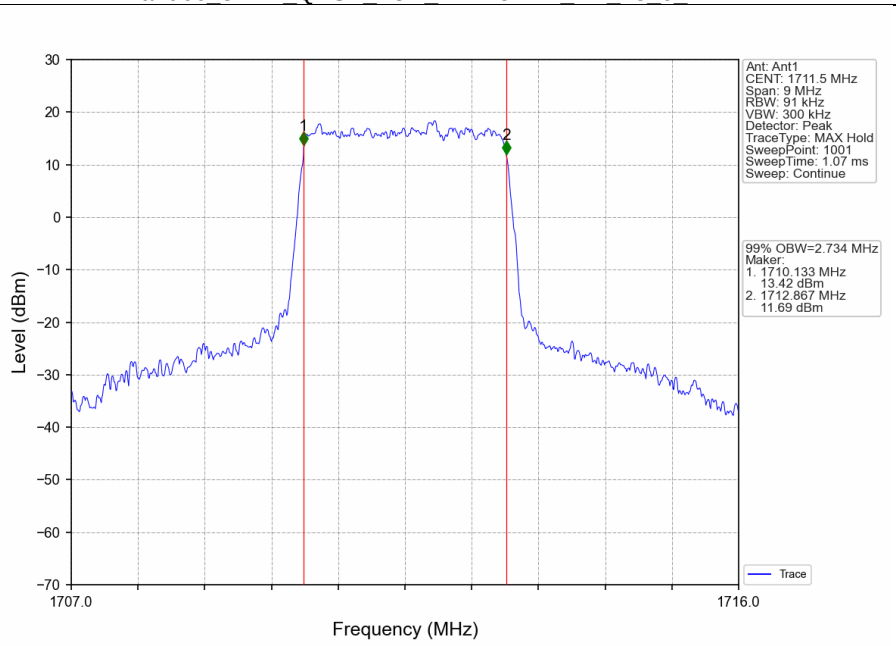
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



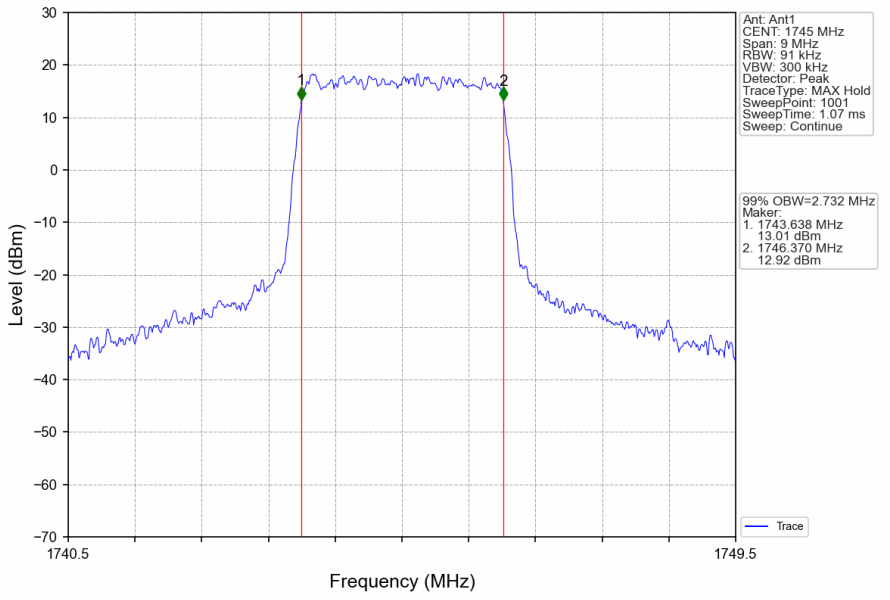

Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



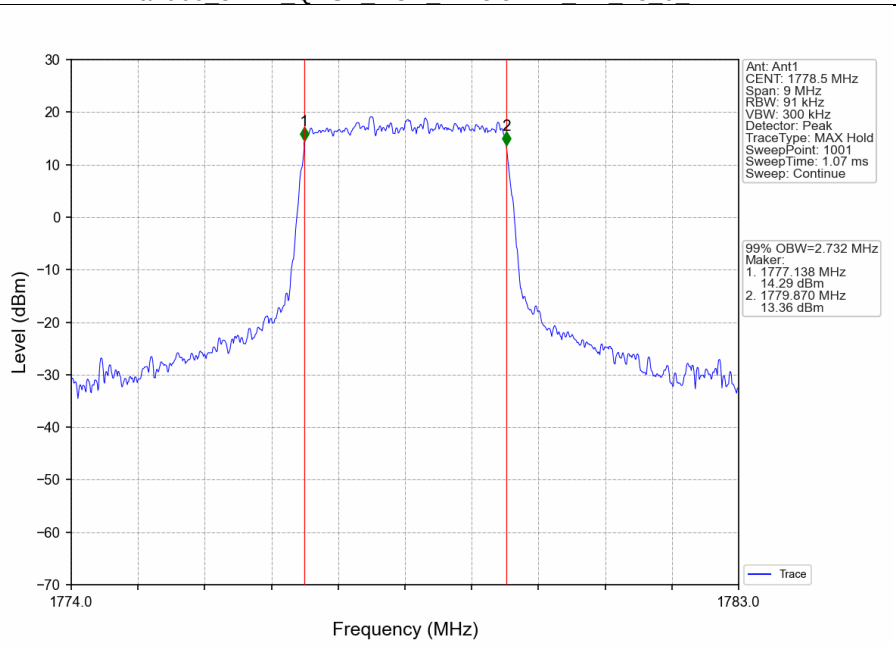
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



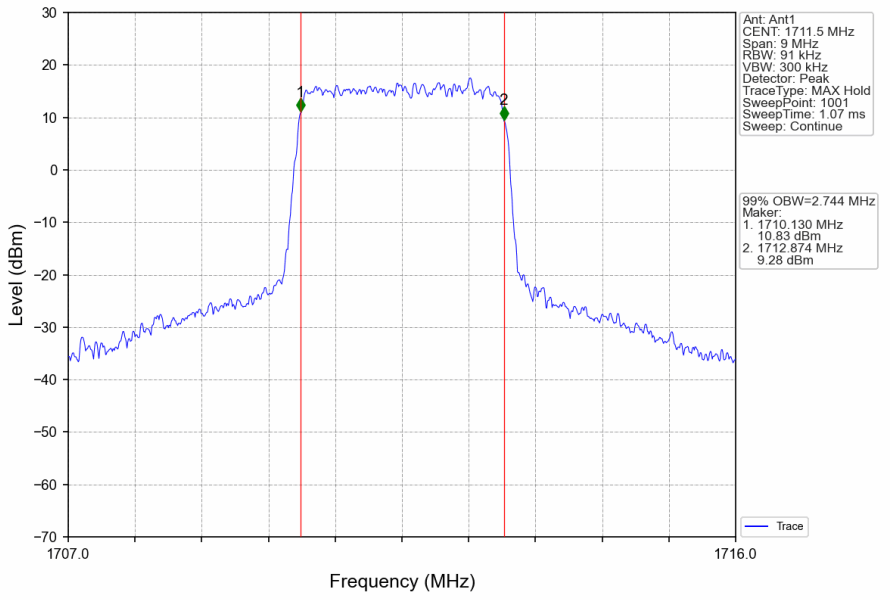

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



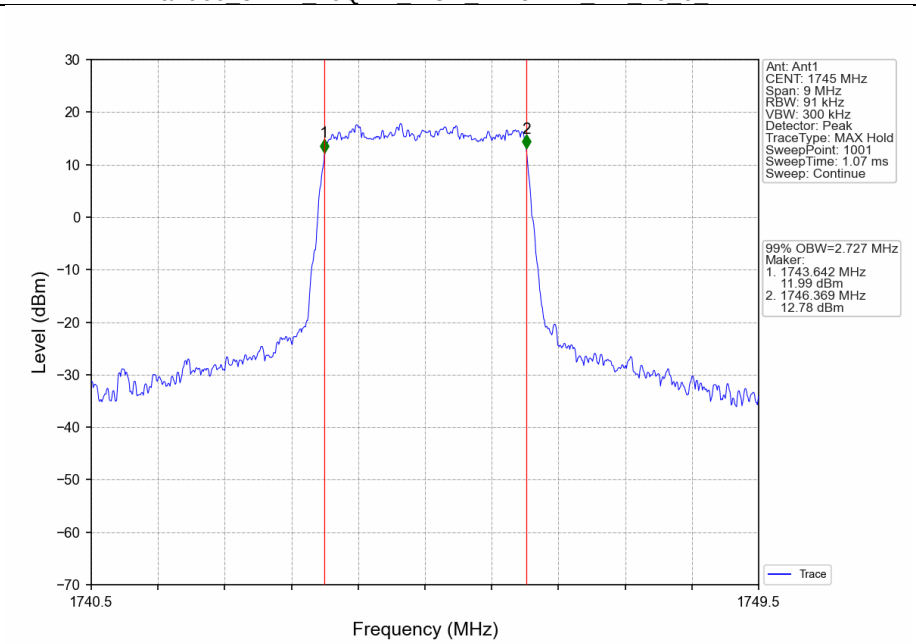
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



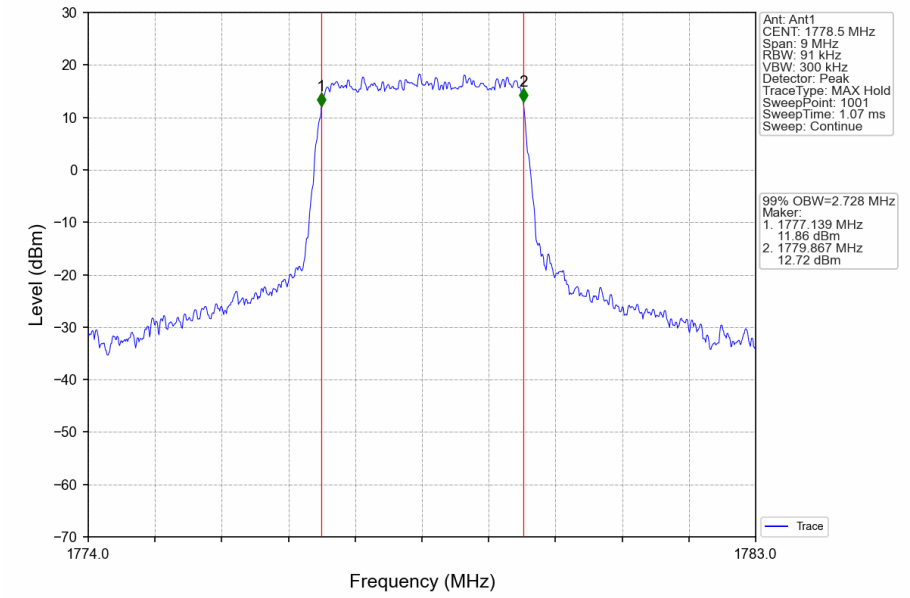

Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



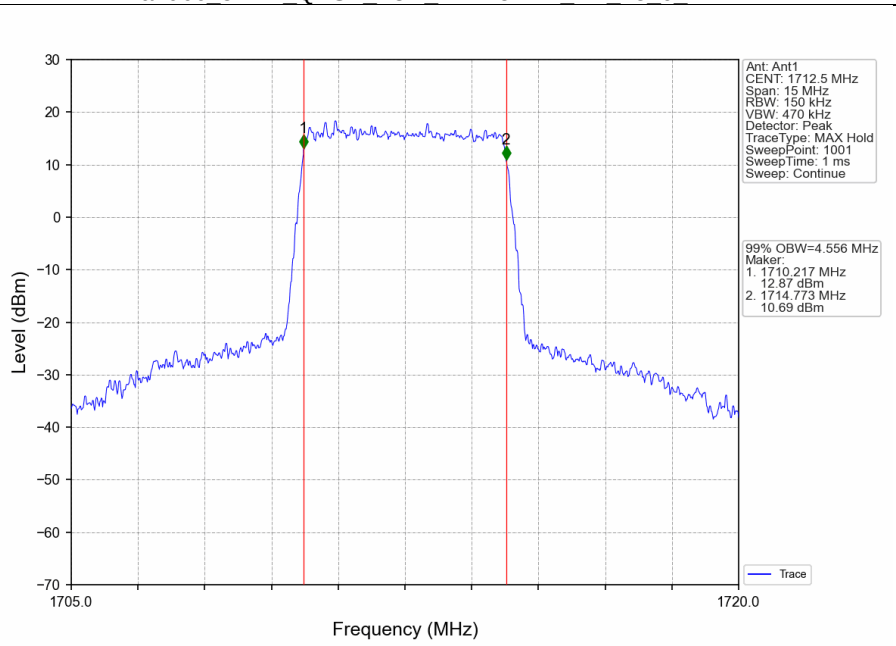
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



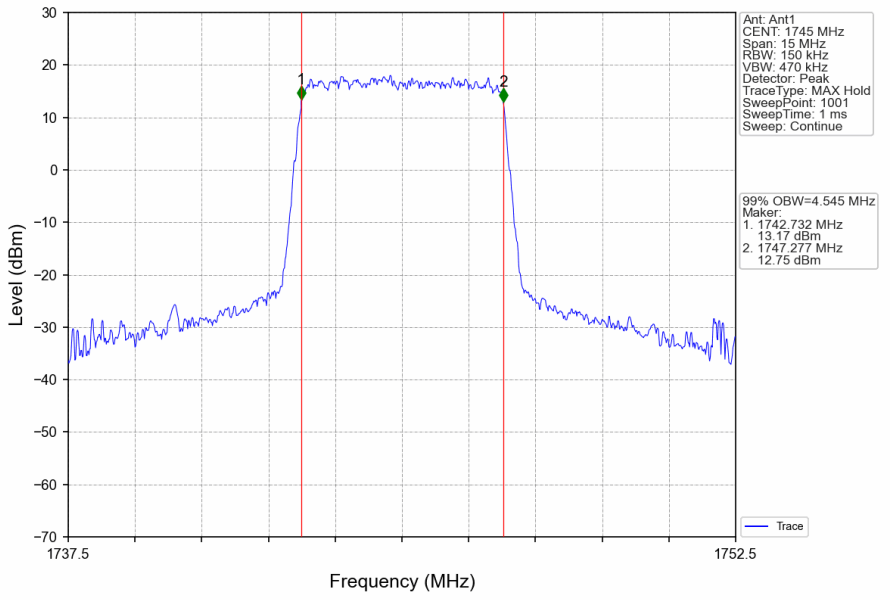

Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



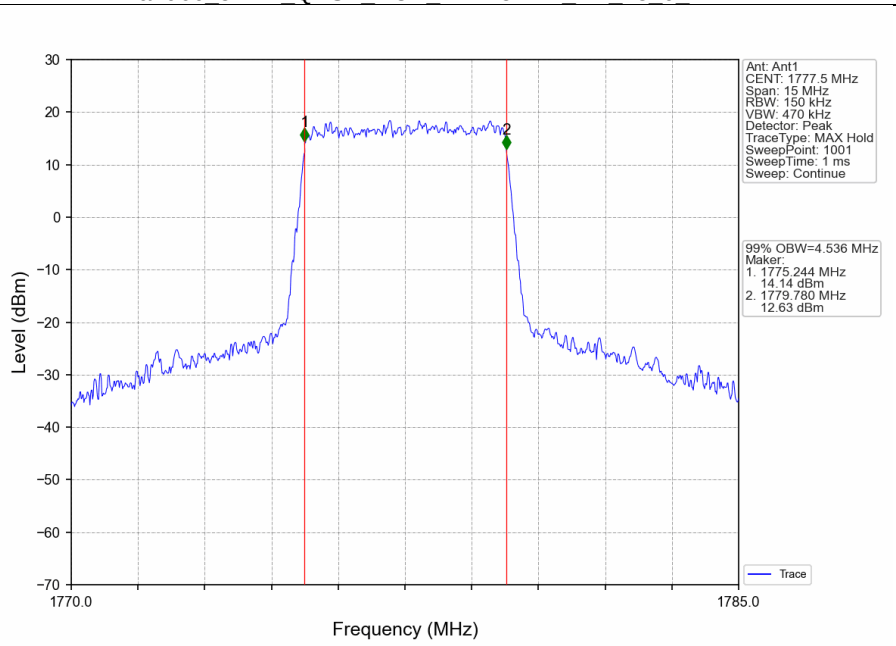
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



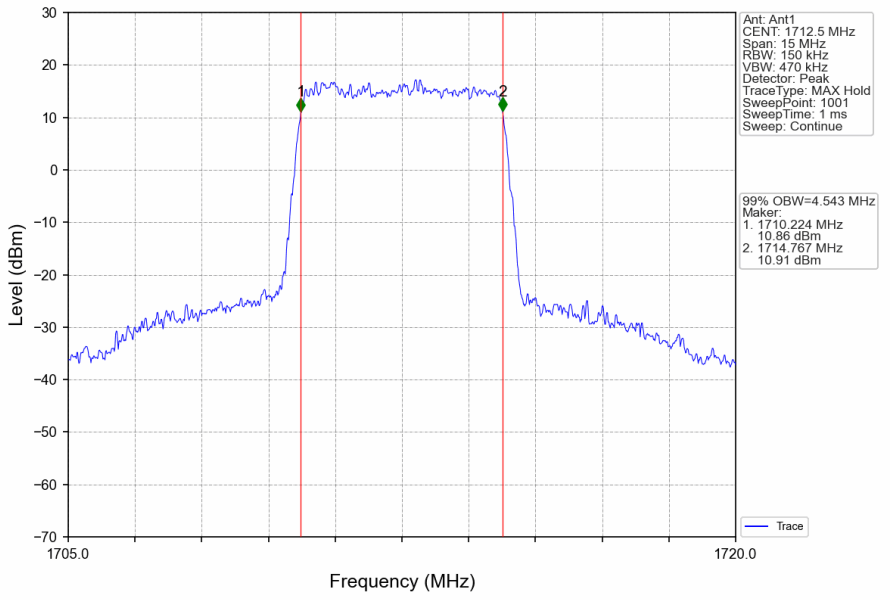

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



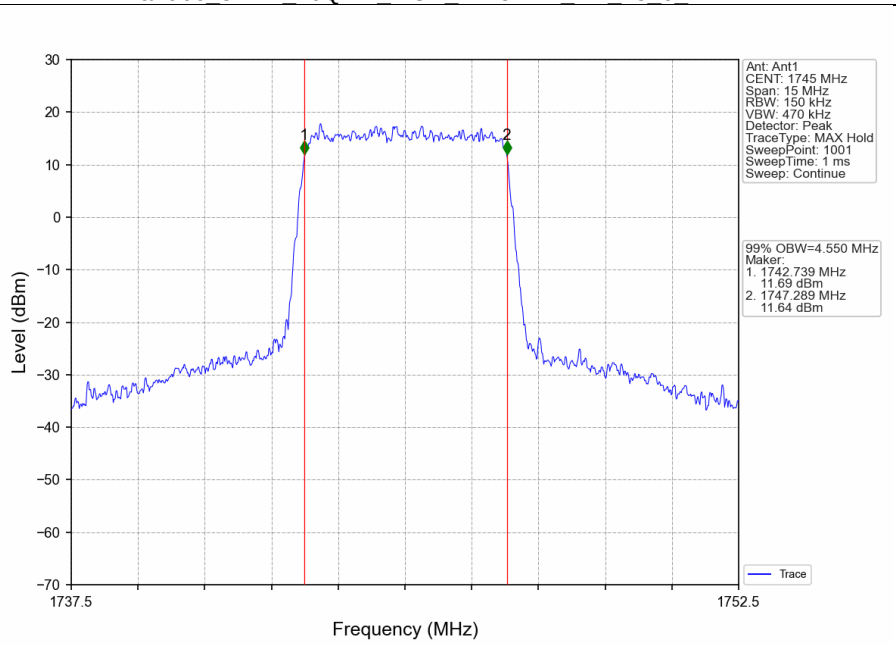
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



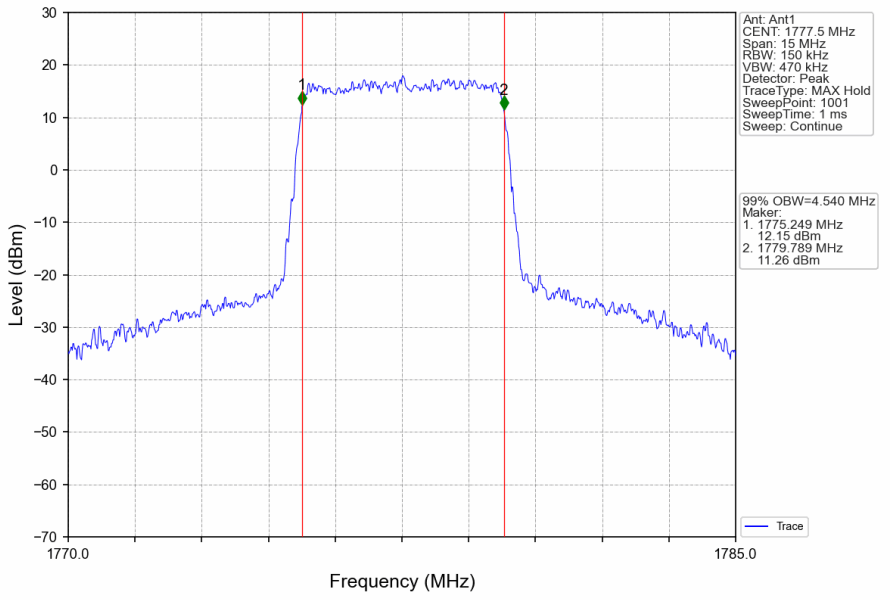

Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



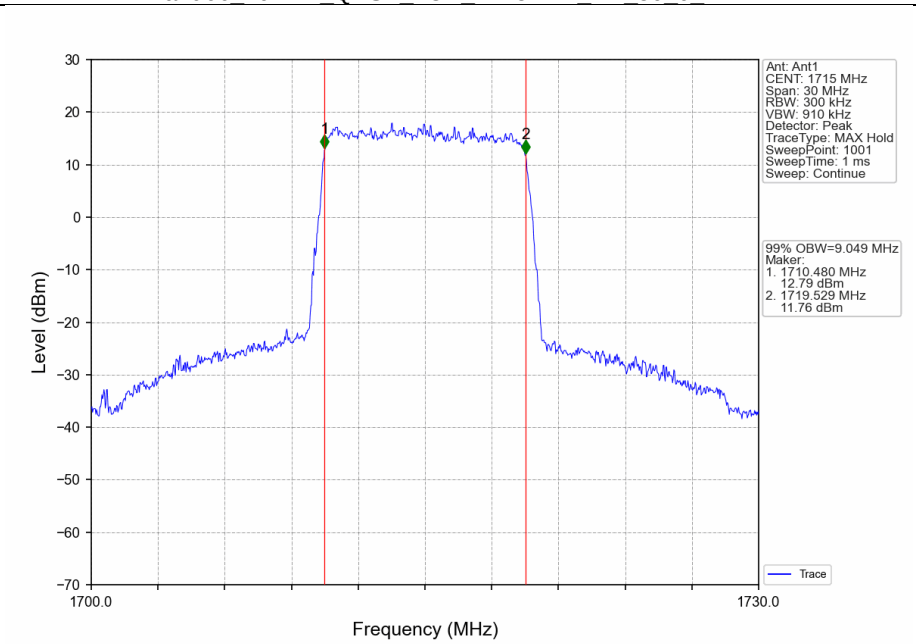
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



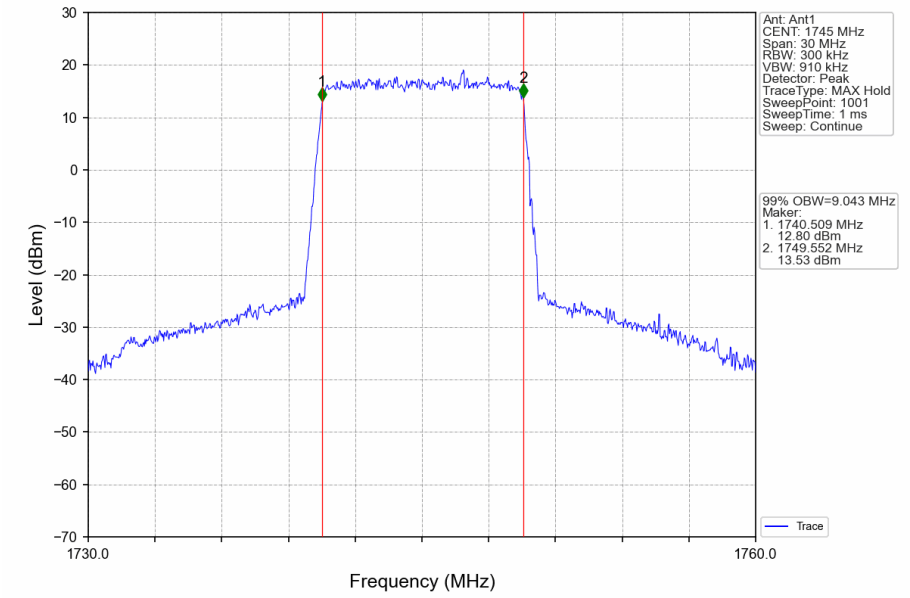

Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



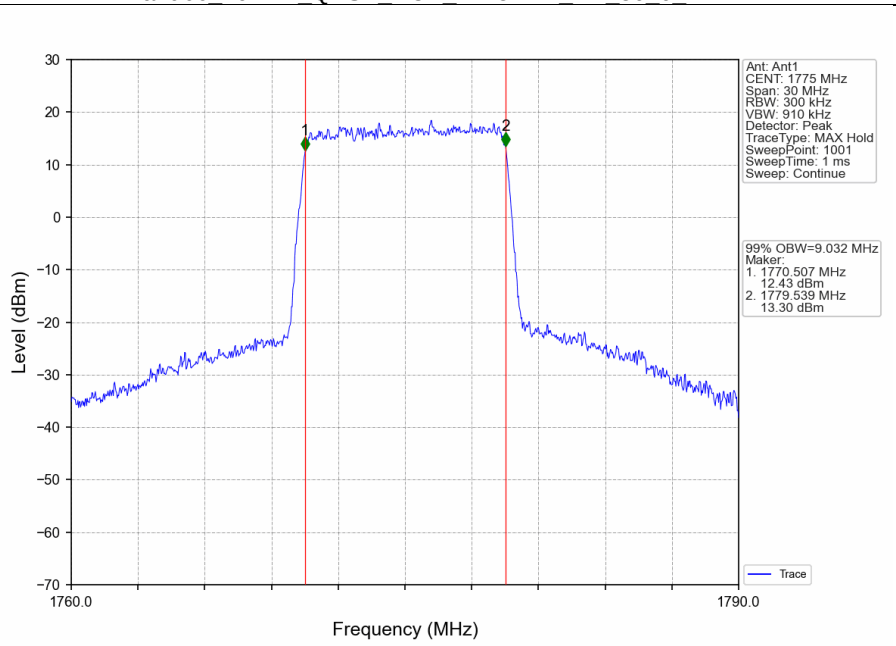
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



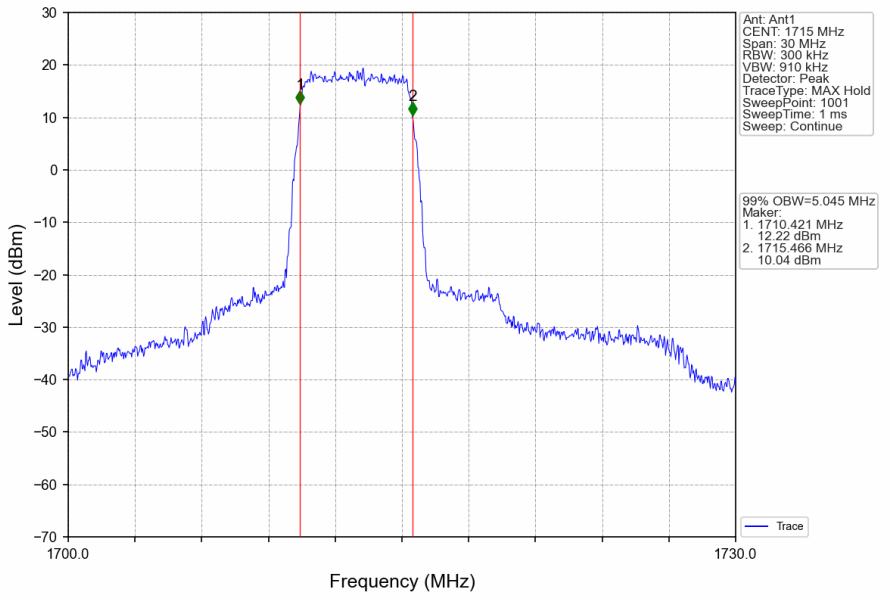

Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



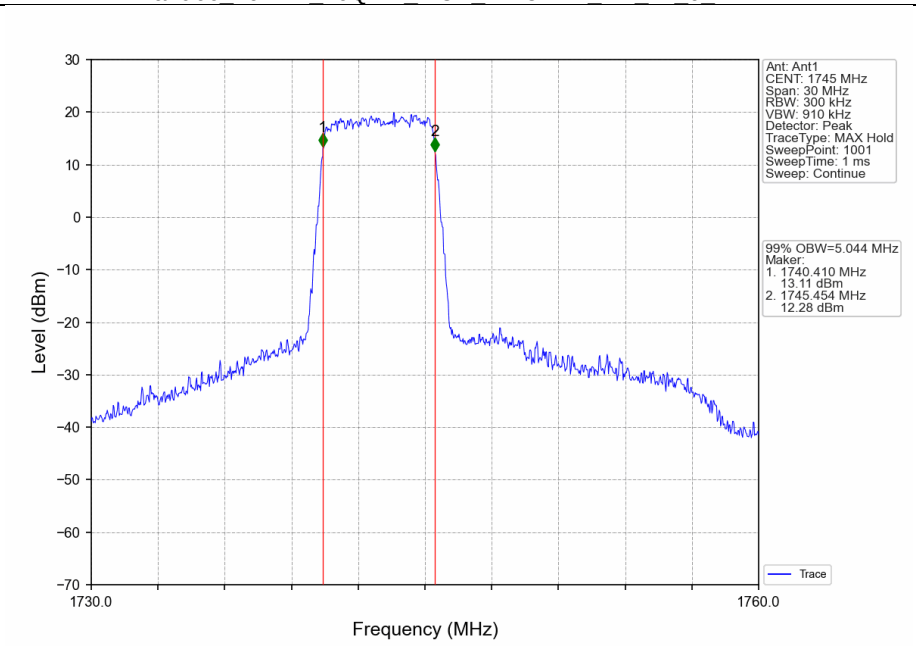
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



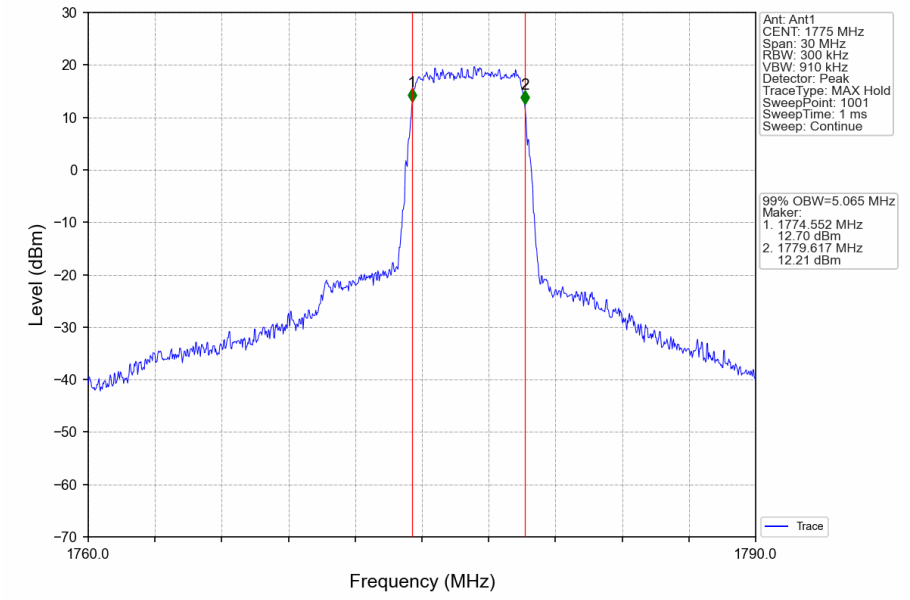

Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV



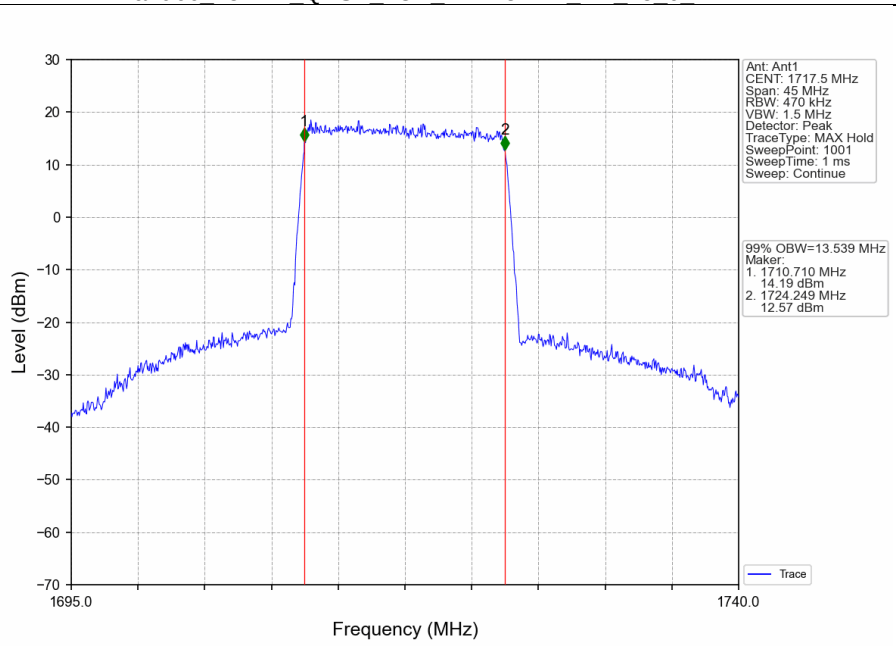
Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



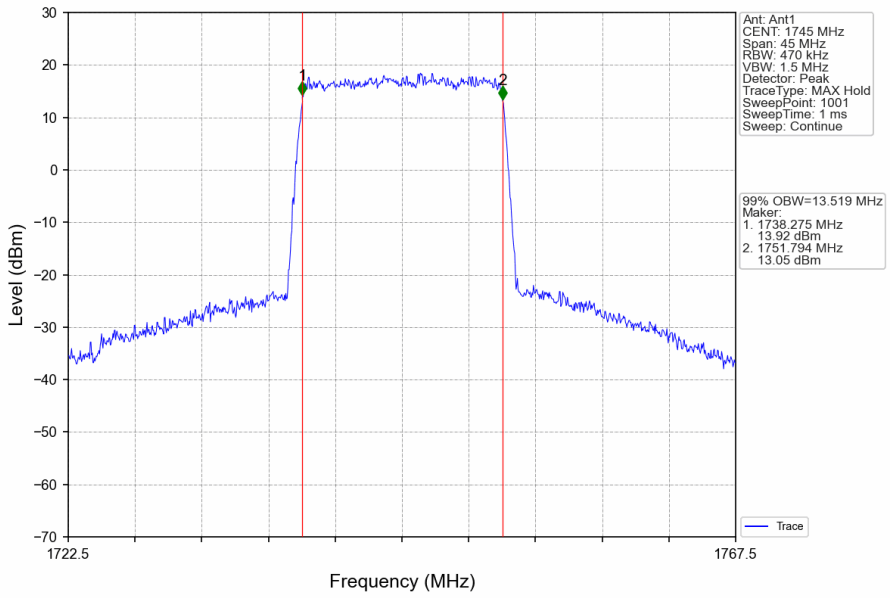

Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV



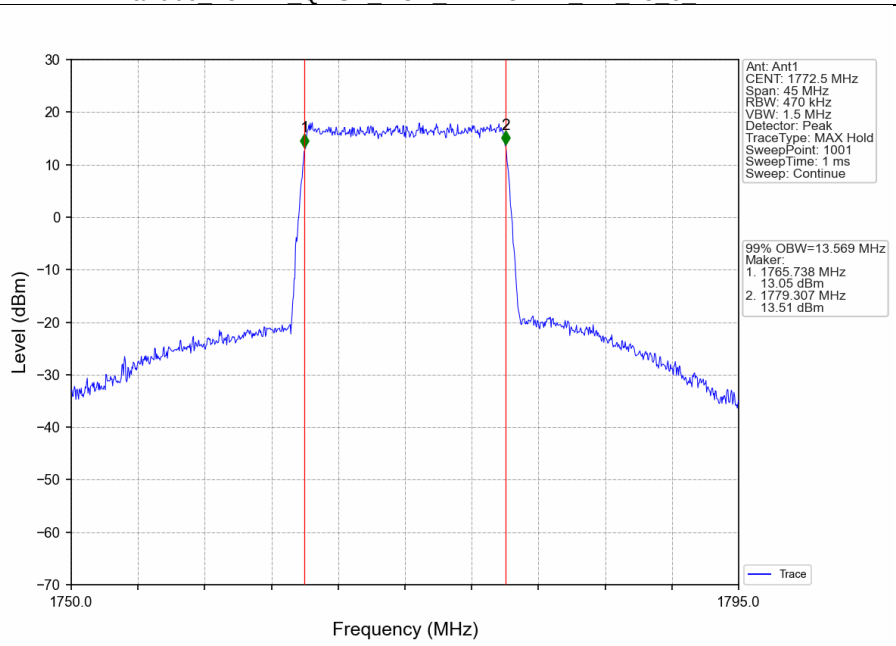
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



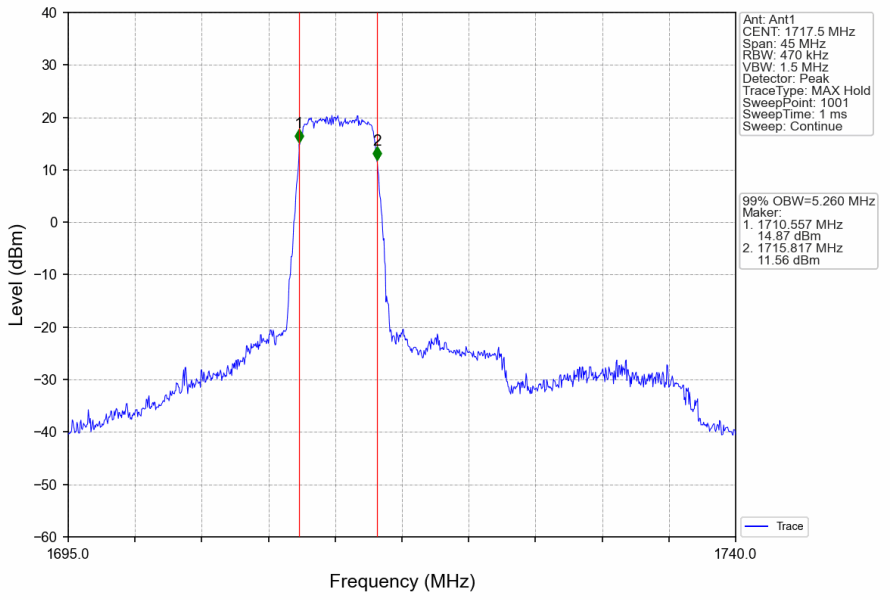

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



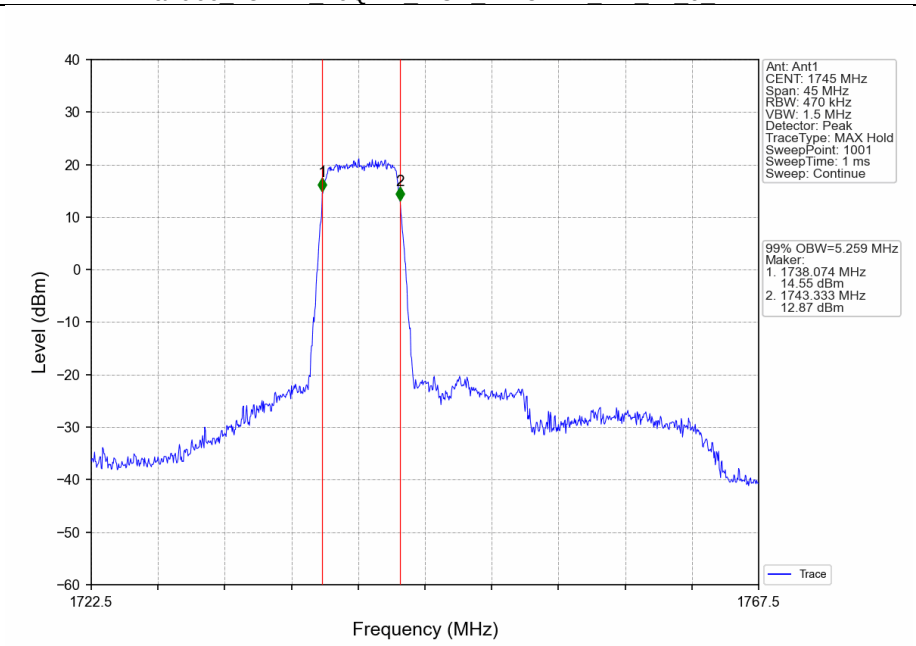
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



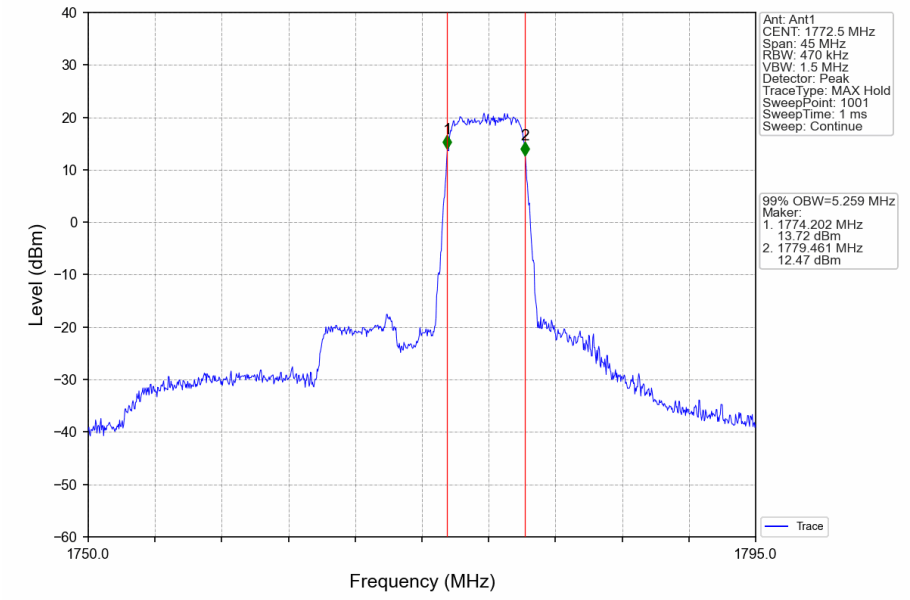

Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



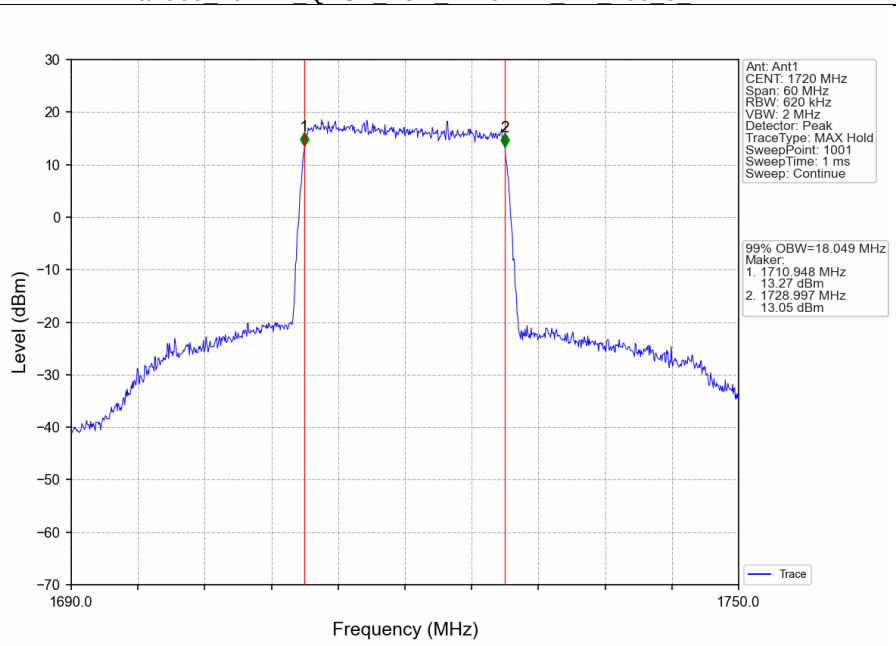
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



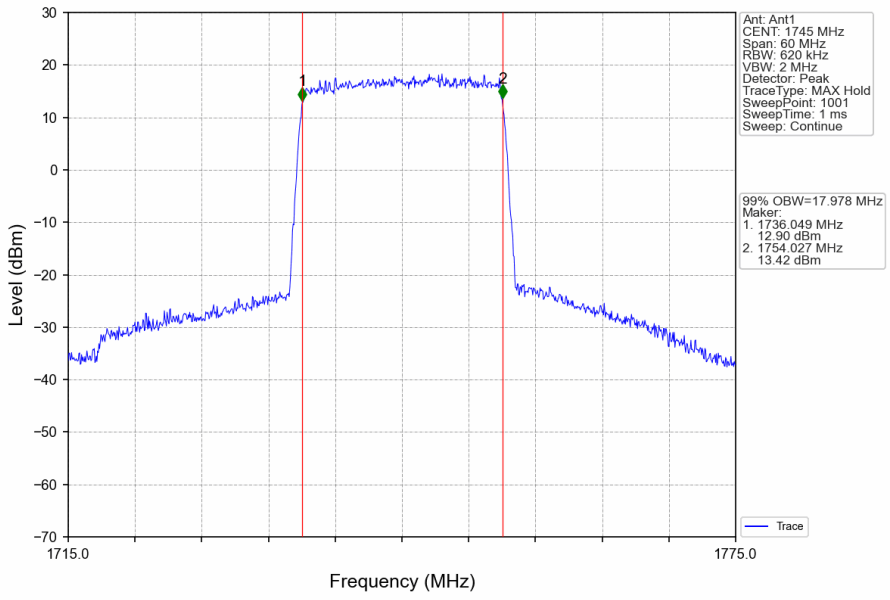

Band66_15MHz_16QAM_HCH_1772.5MHz_RB_27_48_NTNV



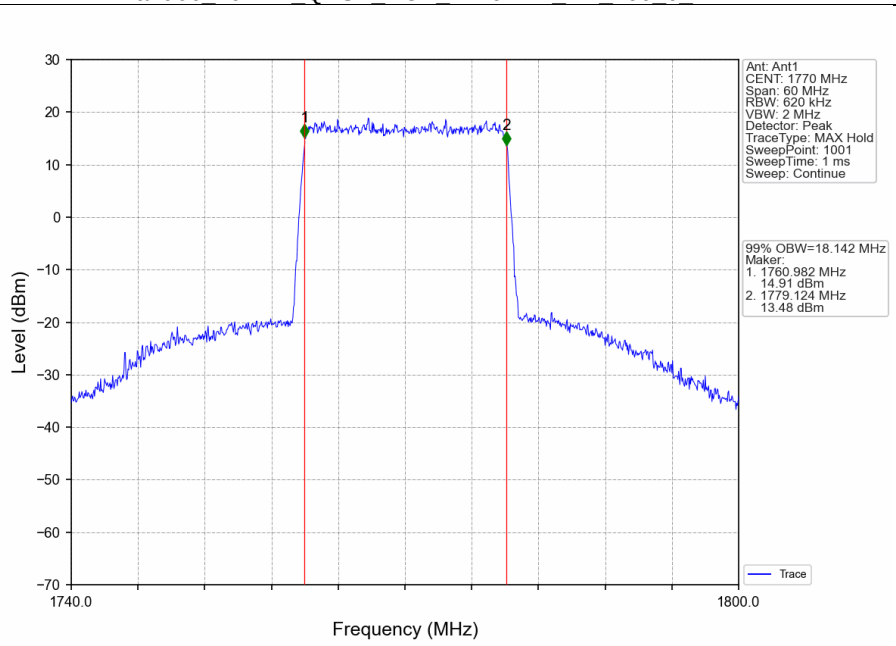
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



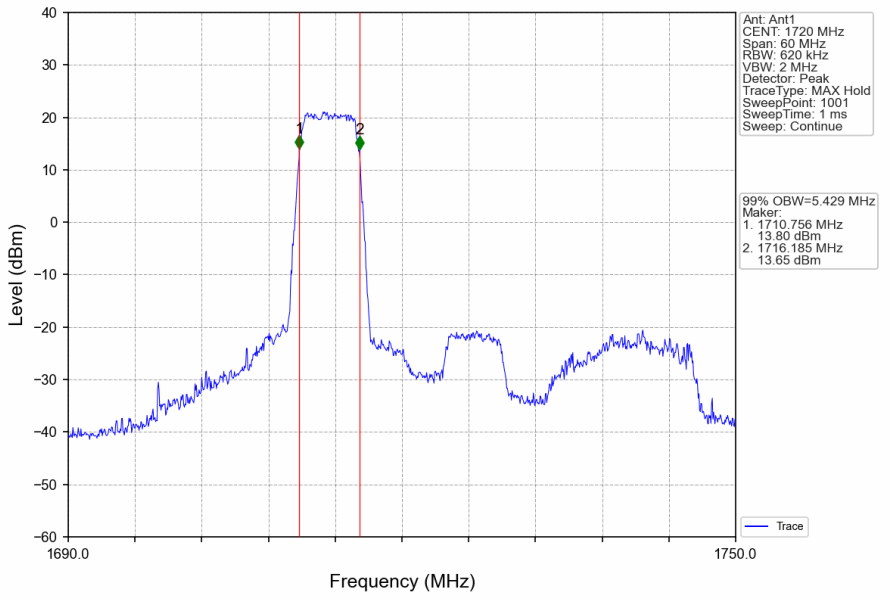

Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



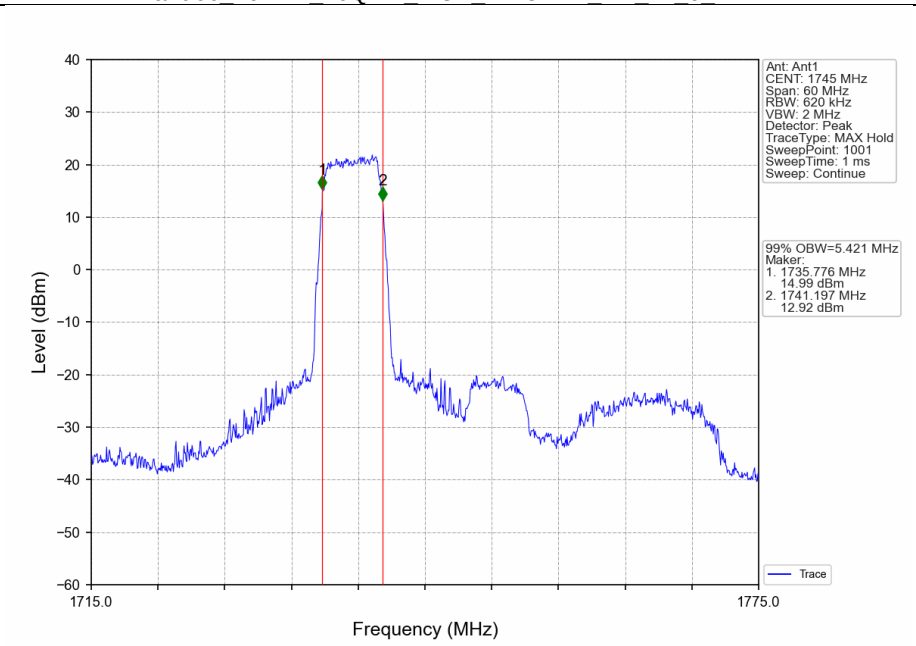
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



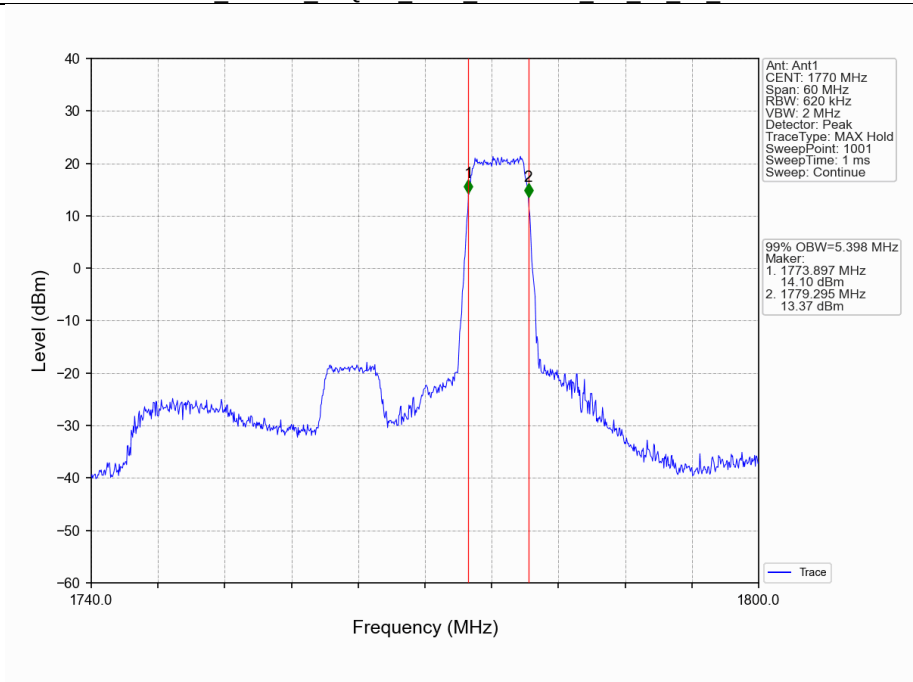

Band66_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV




Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



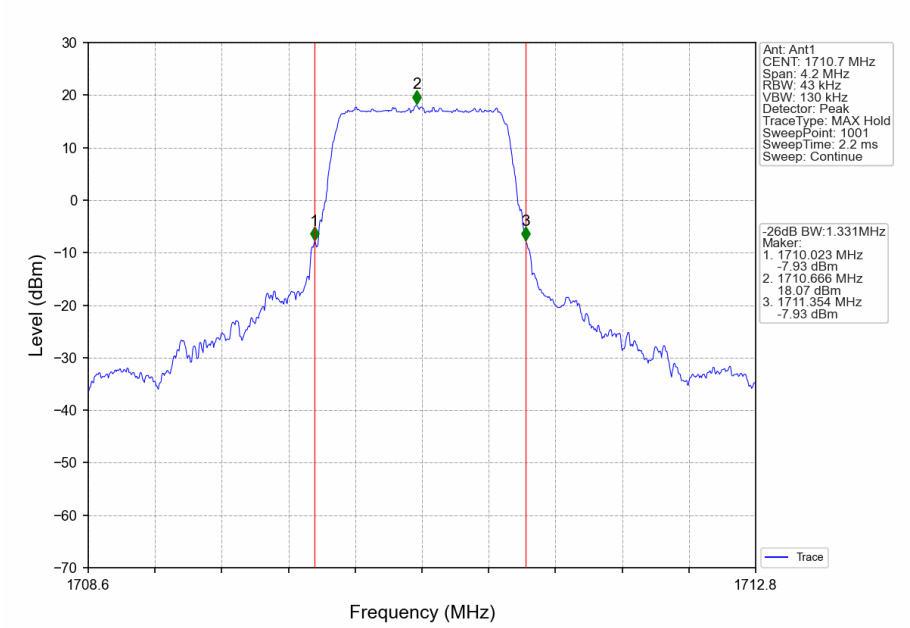
## 3.2 Band66_XDB

### 3.2.1 Test Result

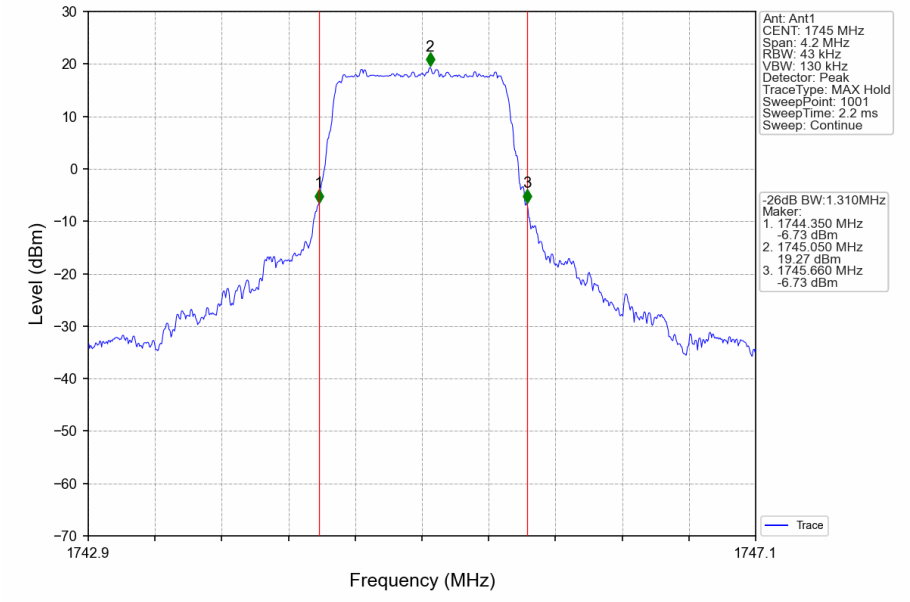
| Band: 66 / NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation | | 26dB Bandwidth (MHz) | | Verdict |
| | | | Size | Offset | Result | Limit | |
| 1.4 | QPSK | 1710.7 | 6 | 0 | 1.331 | / | Pass |
| | | 1745 | 6 | 0 | 1.310 | / | Pass |
| | | 1779.3 | 6 | 0 | 1.308 | / | Pass |
| | 16QAM | 1710.7 | 6 | 0 | 1.293 | / | Pass |
| | | 1745 | 6 | 0 | 1.322 | / | Pass |
| | | 1779.3 | 6 | 0 | 1.313 | / | Pass |
| 3 | QPSK | 1711.5 | 15 | 0 | 3.018 | / | Pass |
| | | 1745 | 15 | 0 | 3.010 | / | Pass |
| | | 1778.5 | 15 | 0 | 3.015 | / | Pass |
| | 16QAM | 1711.5 | 15 | 0 | 3.000 | / | Pass |
| | | 1745 | 15 | 0 | 3.015 | / | Pass |
| | | 1778.5 | 15 | 0 | 3.028 | / | Pass |
| 5 | QPSK | 1712.5 | 25 | 0 | 5.044 | / | Pass |
| | | 1745 | 25 | 0 | 5.023 | / | Pass |
| | | 1777.5 | 25 | 0 | 5.014 | / | Pass |
| | 16QAM | 1712.5 | 25 | 0 | 5.032 | / | Pass |
| | | 1745 | 25 | 0 | 5.031 | / | Pass |
| | | 1777.5 | 25 | 0 | 5.025 | / | Pass |
| 10 | QPSK | 1715 | 50 | 0 | 9.943 | / | Pass |
| | | 1745 | 50 | 0 | 9.875 | / | Pass |
| | | 1775 | 50 | 0 | 9.911 | / | Pass |
| | 16QAM | 1715 | 27 | 0 | 5.847 | / | Pass |
| | | 1745 | 27 | 0 | 5.817 | / | Pass |
| | | 1775 | 27 | 23 | 5.795 | / | Pass |
| 15 | QPSK | 1717.5 | 75 | 0 | 14.716 | / | Pass |
| | | 1745 | 75 | 0 | 14.768 | / | Pass |
| | | 1772.5 | 75 | 0 | 14.818 | / | Pass |
| | 16QAM | 1717.5 | 27 | 0 | 6.194 | / | Pass |
| | | 1745 | 27 | 0 | 6.172 | / | Pass |
| | | 1772.5 | 27 | 48 | 6.111 | / | Pass |
| 20 | QPSK | 1720 | 100 | 0 | 19.479 | / | Pass |
| | | 1745 | 100 | 0 | 19.418 | / | Pass |
| | | 1770 | 100 | 0 | 19.512 | / | Pass |
| | 16QAM | 1720 | 27 | 0 | 6.575 | / | Pass |
| | | 1745 | 27 | 0 | 6.532 | / | Pass |
| | | 1770 | 27 | 73 | 6.518 | / | Pass |

## 3.2.2 Test Graph

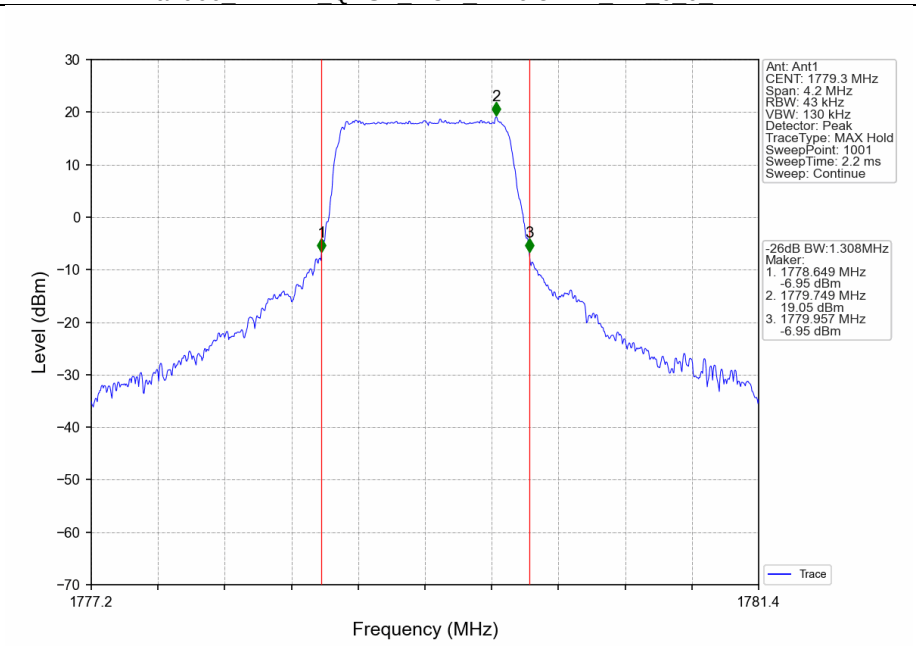
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



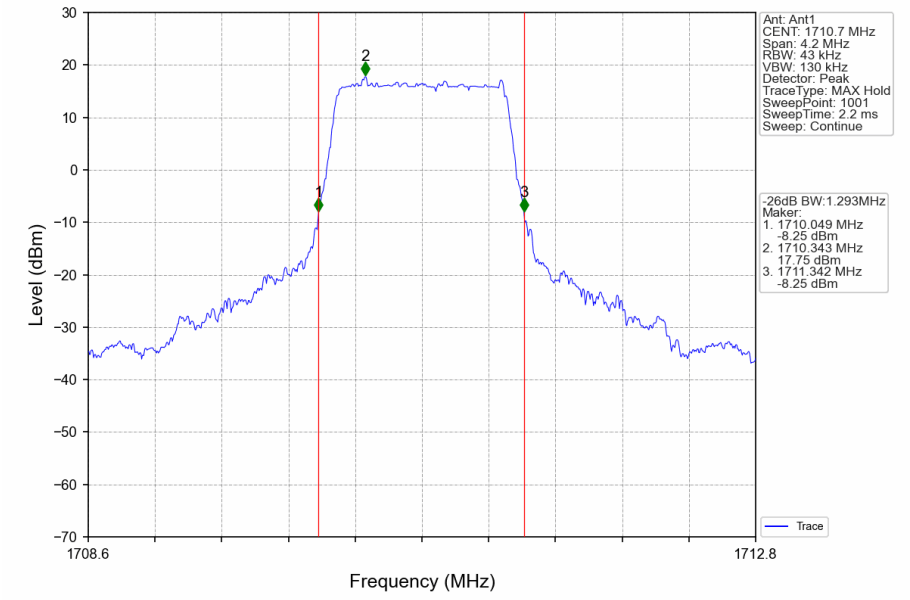

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



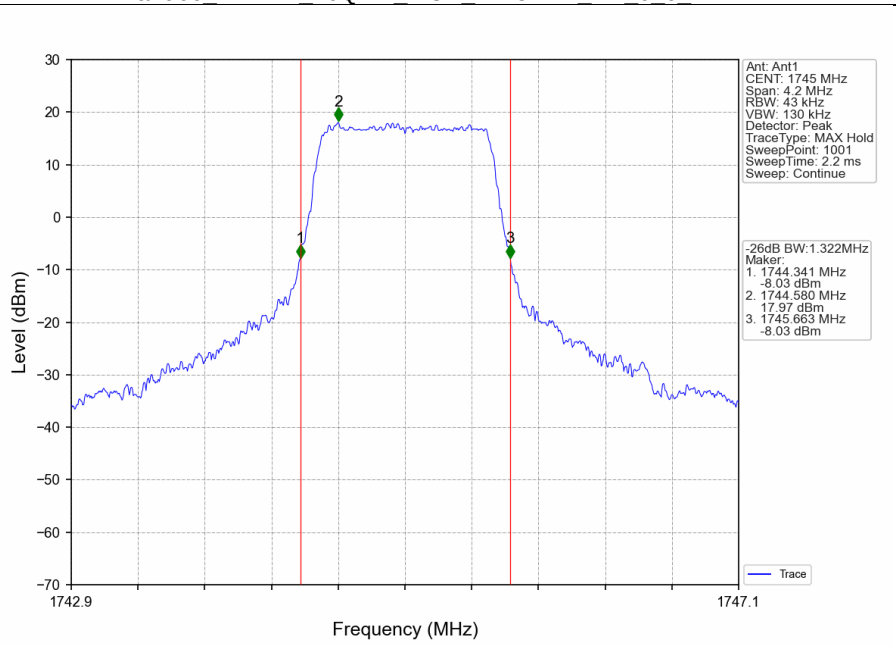
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



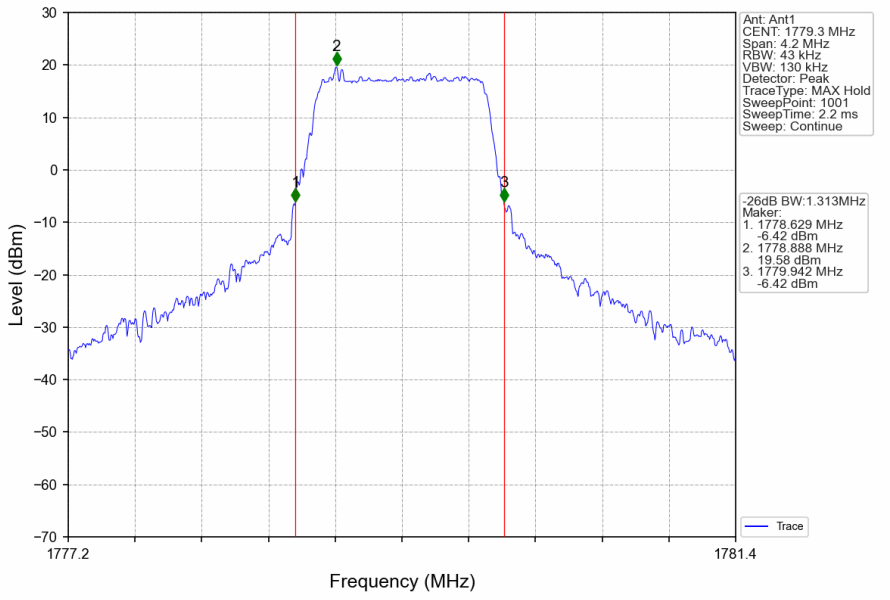

Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



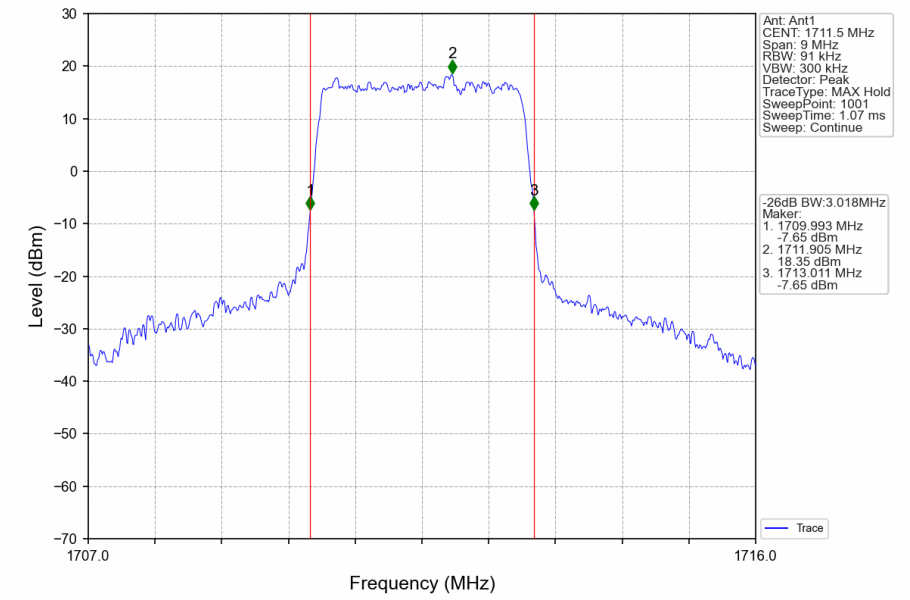
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



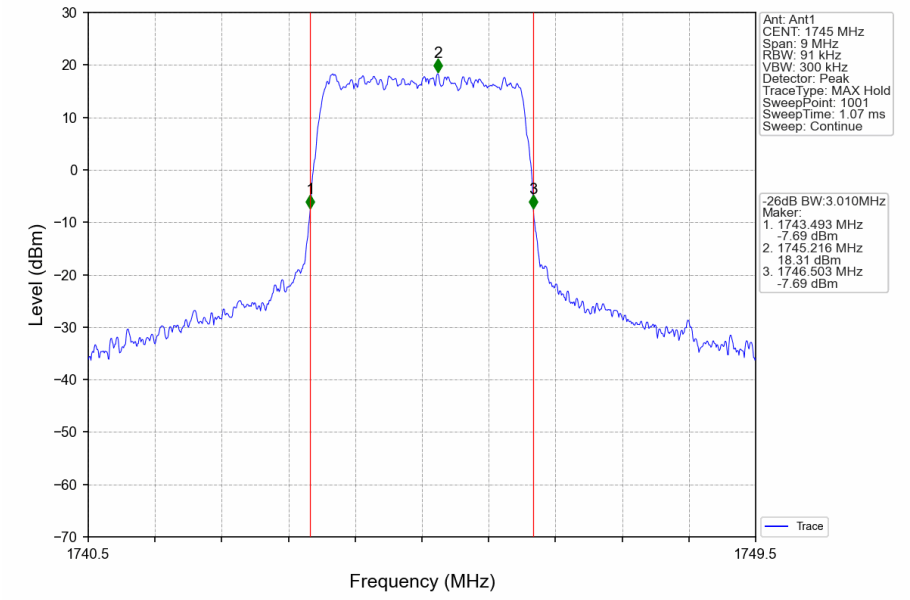

Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



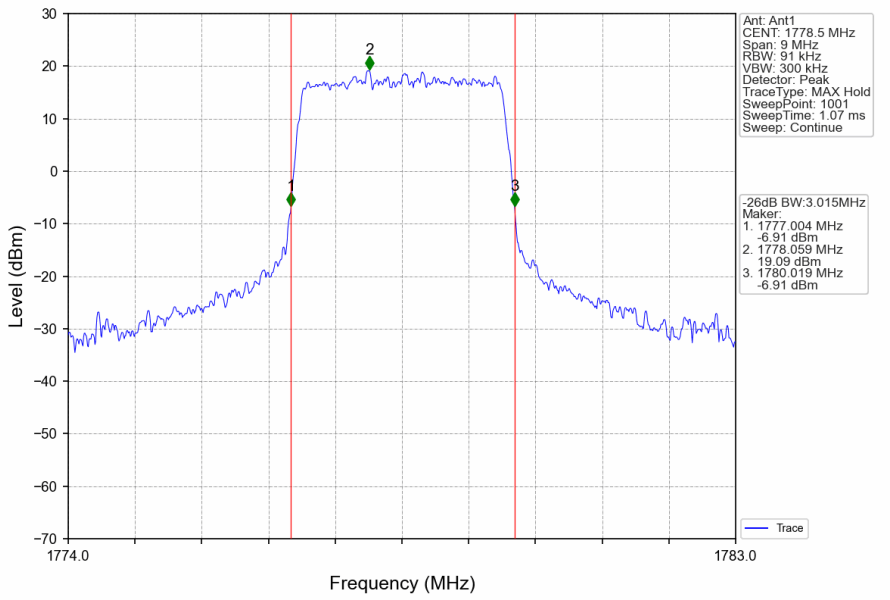
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



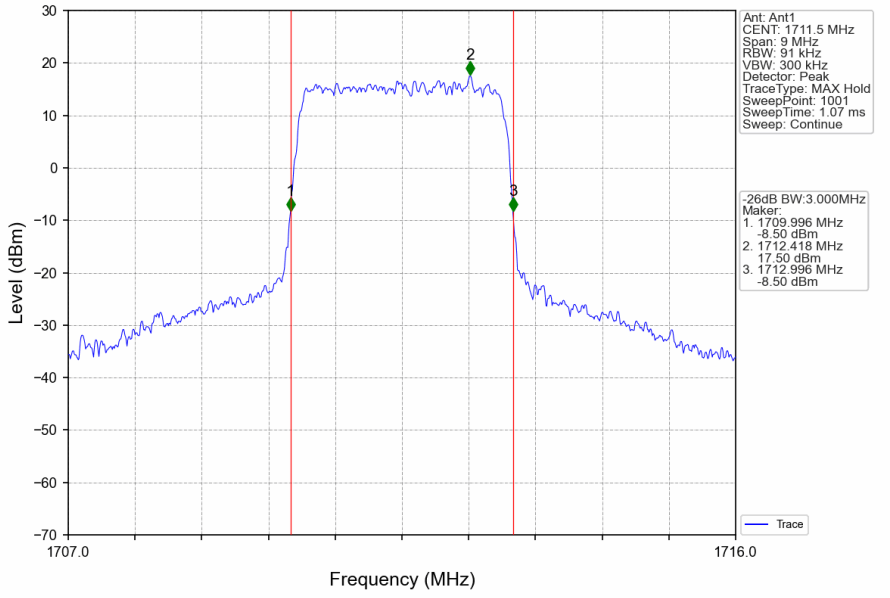

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



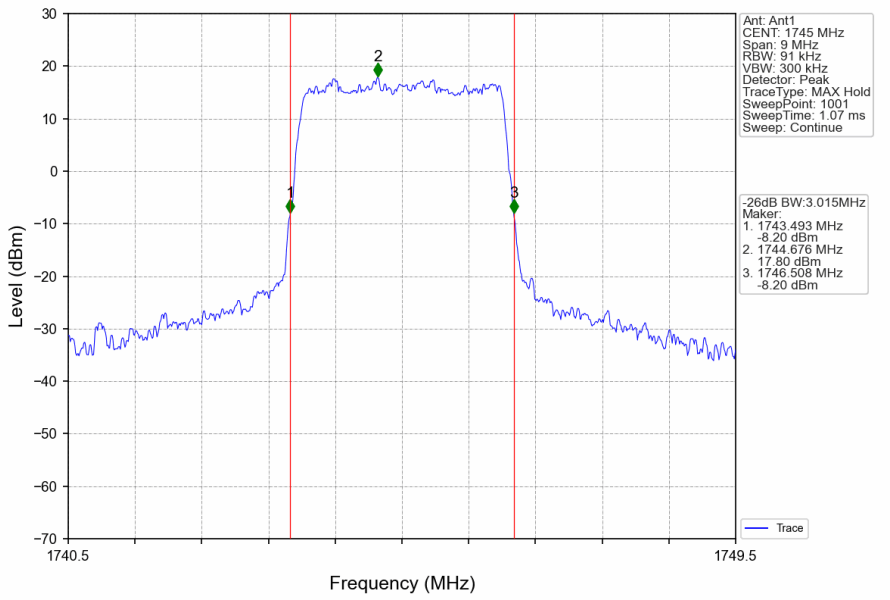
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



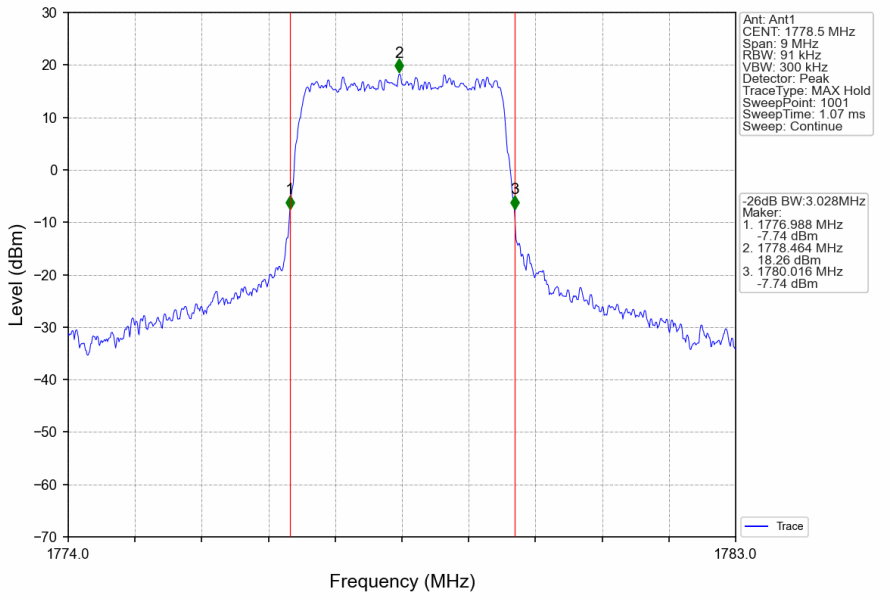

Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



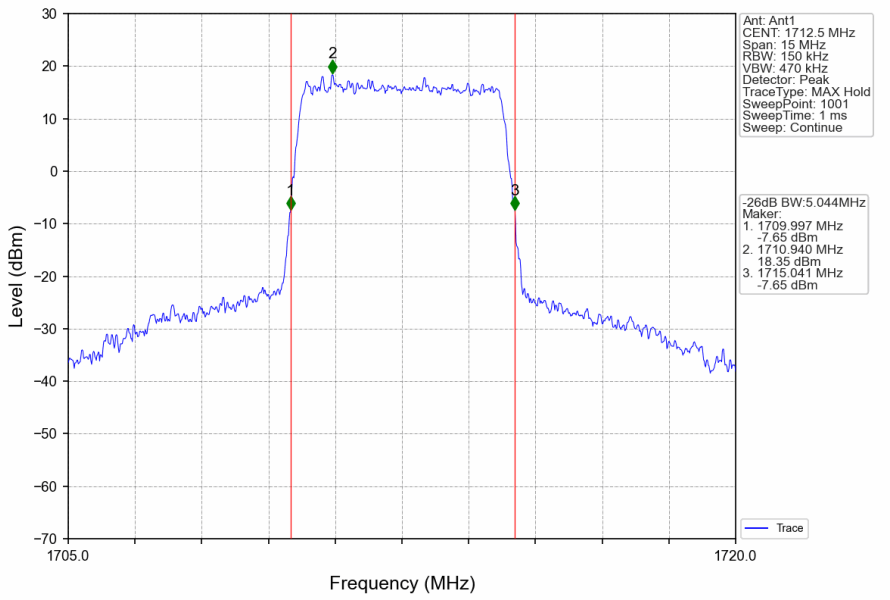
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



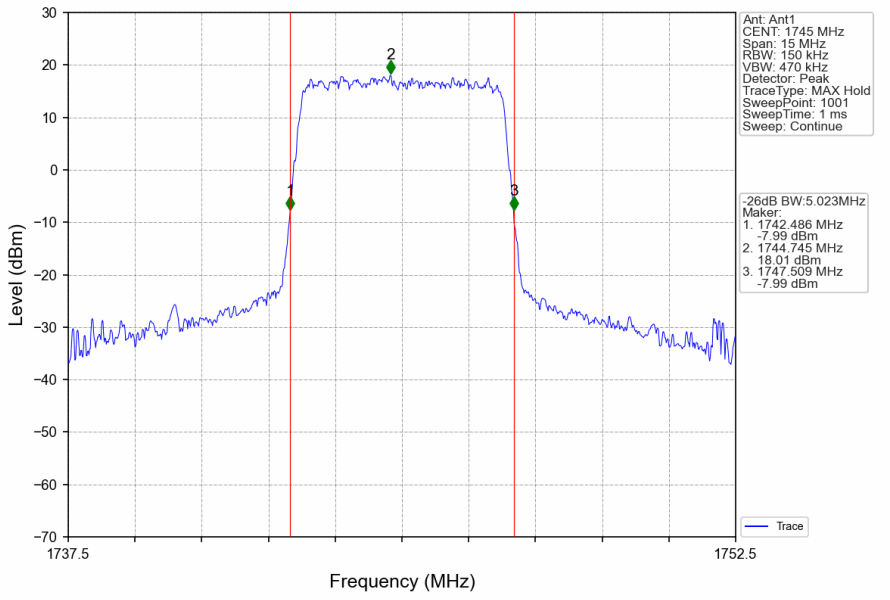

Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



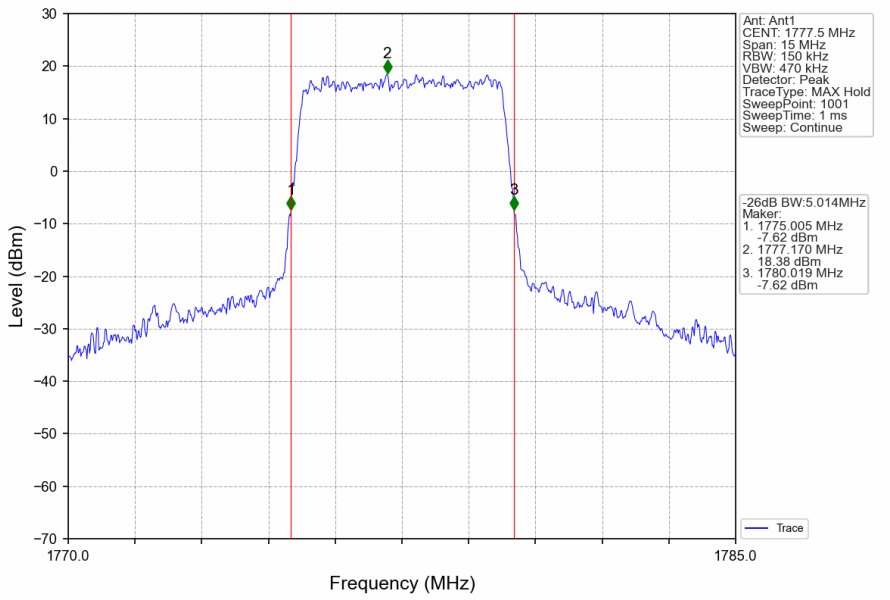
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



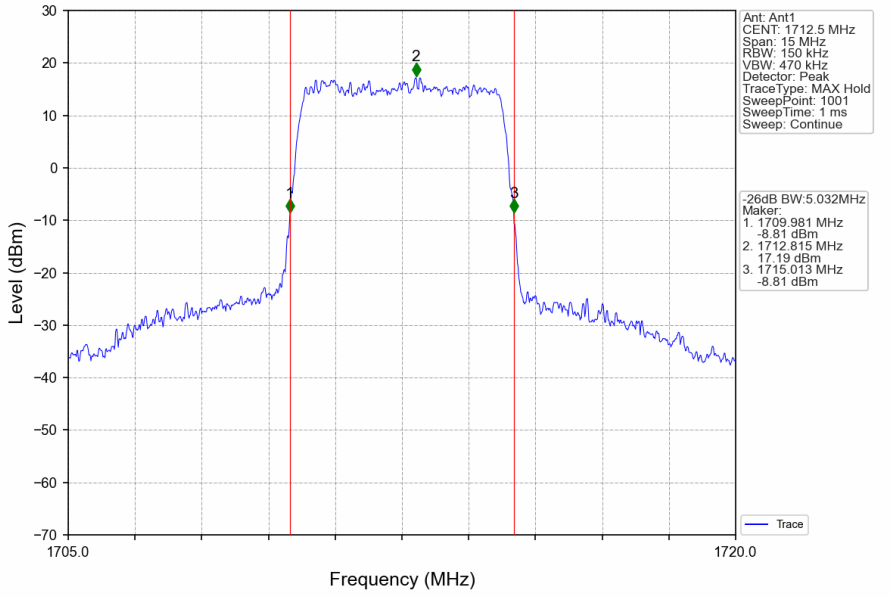

Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



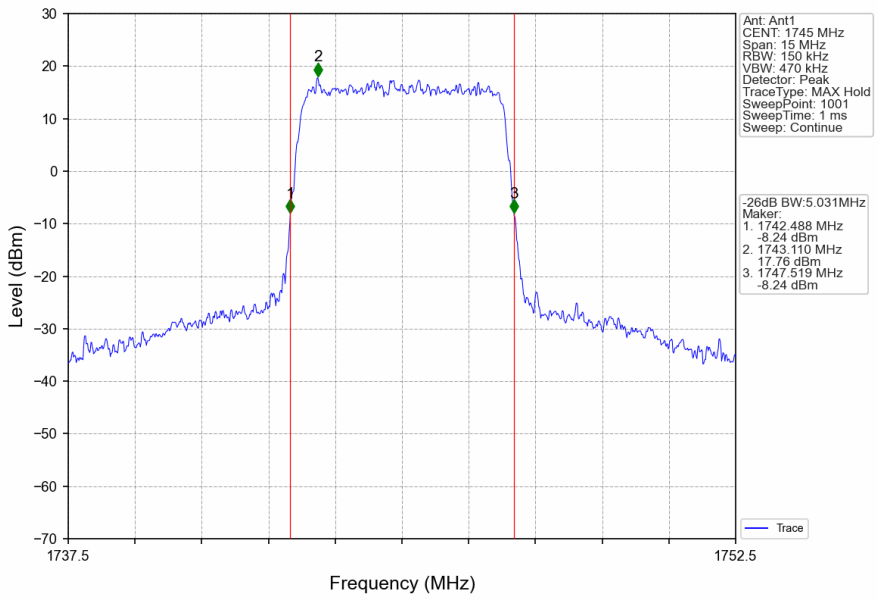
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



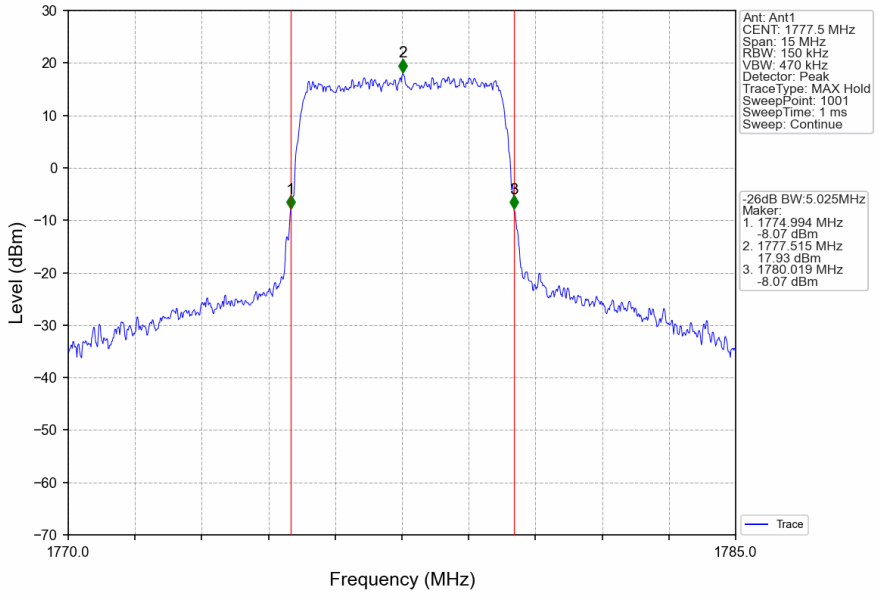

Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



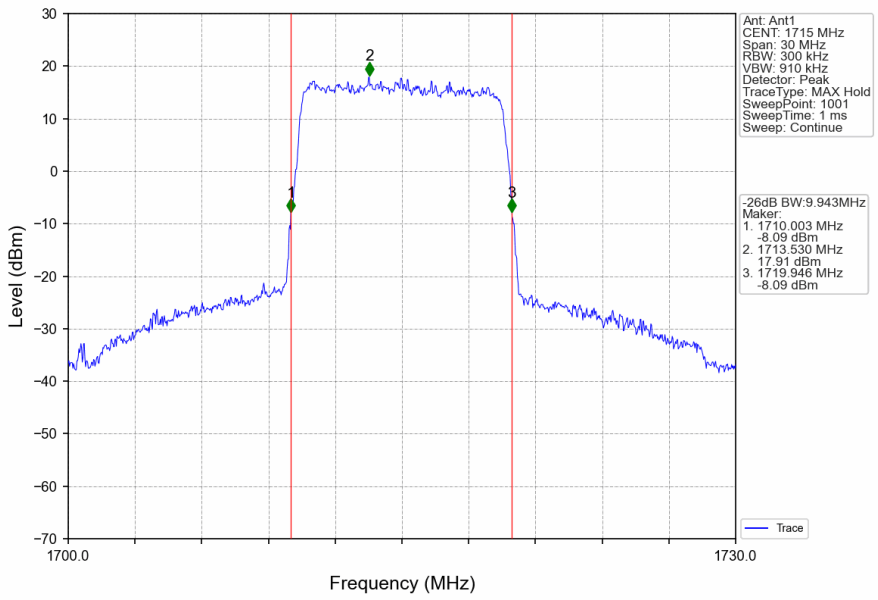
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



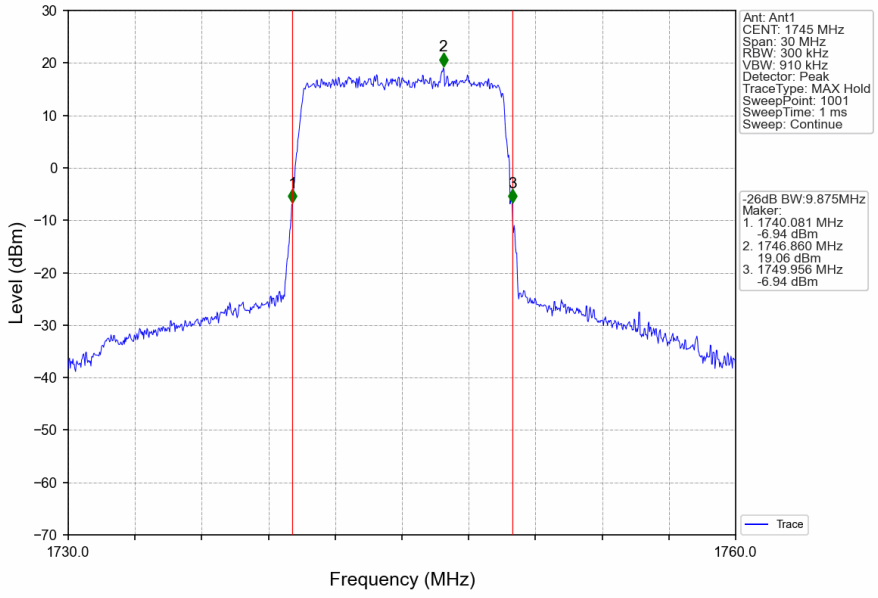

Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

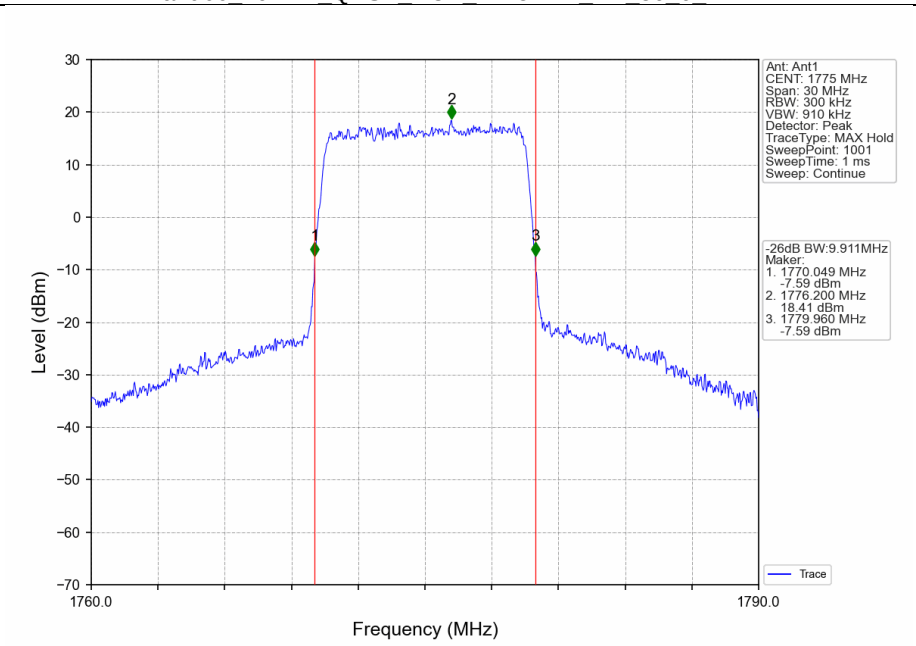


Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

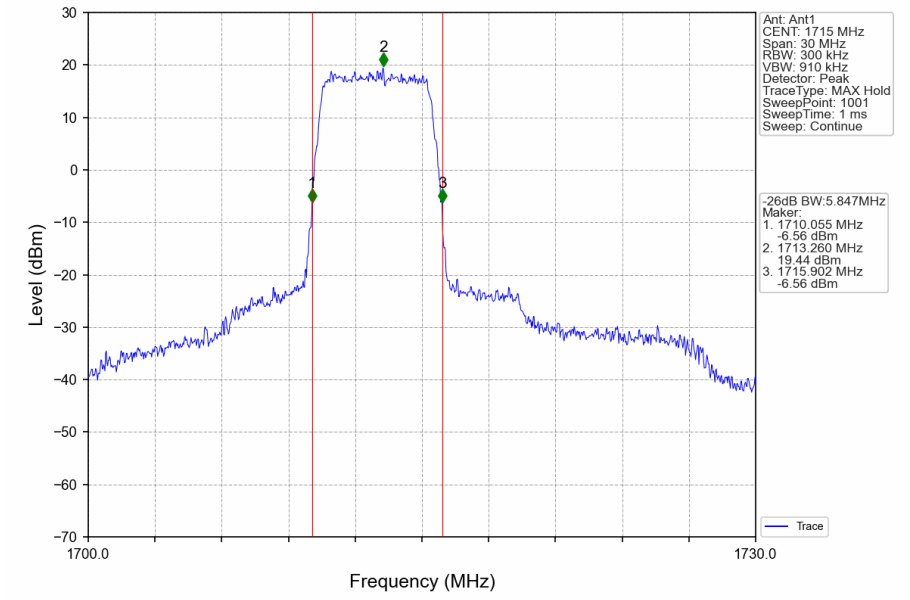



Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

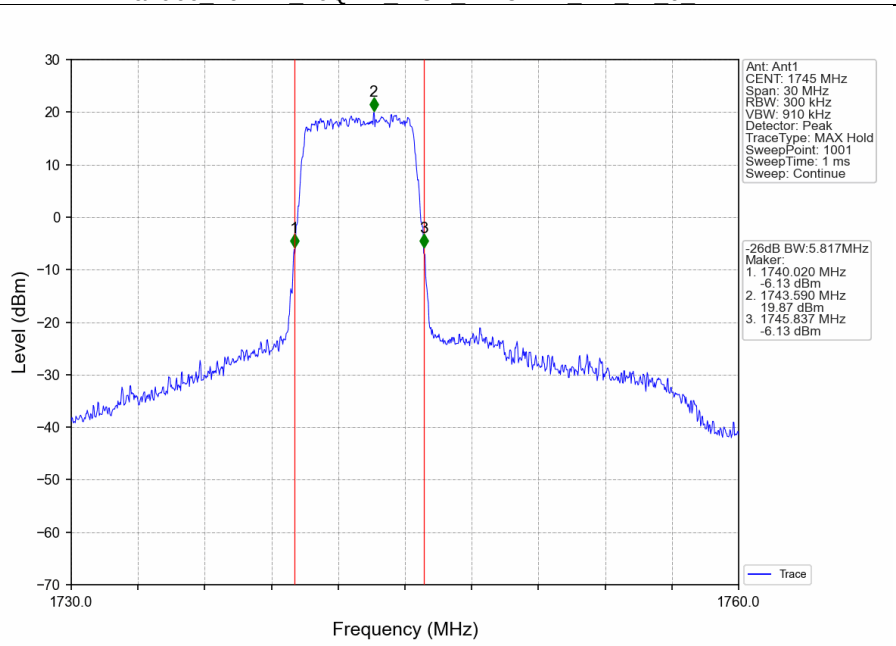


| Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV |
| --- |
|  |

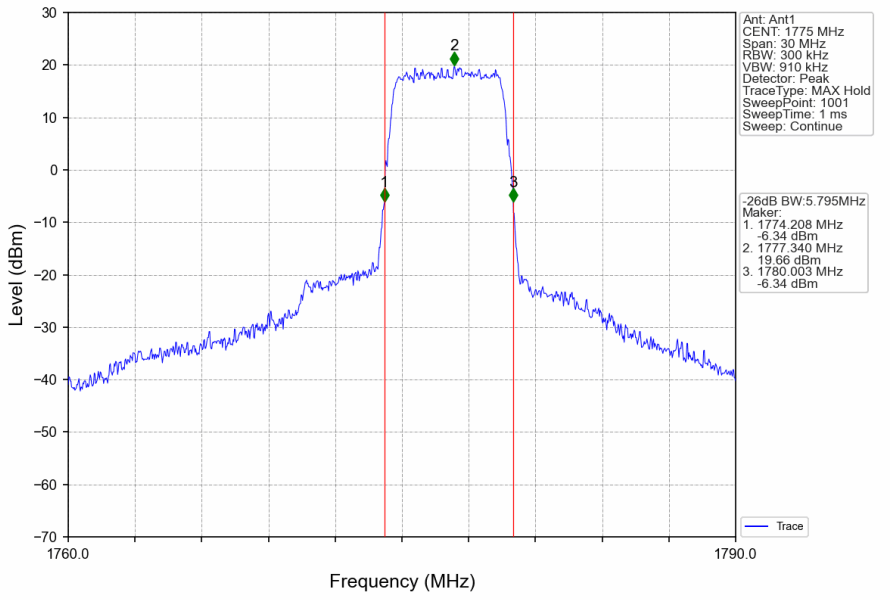


| Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV |
| --- |
|  |

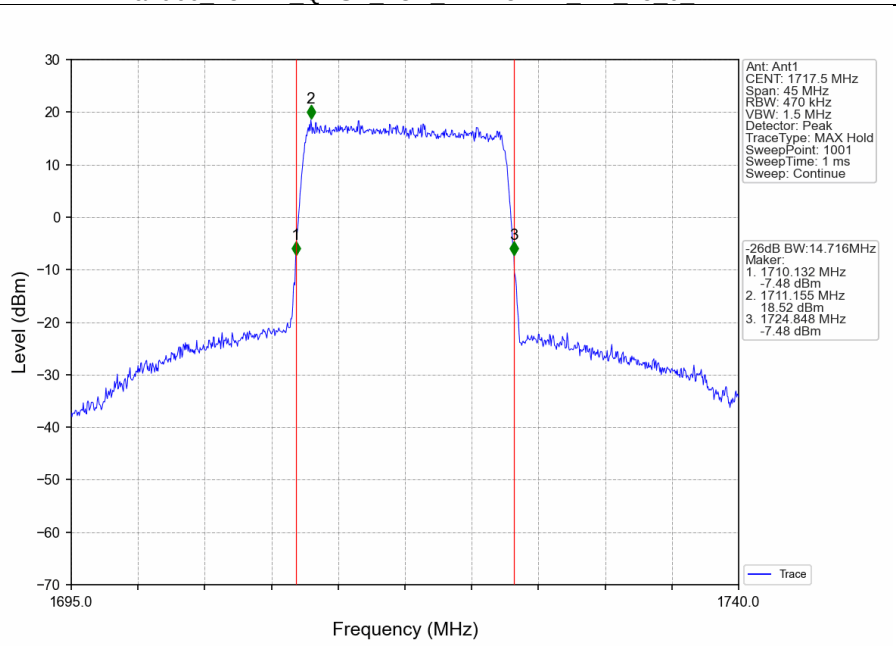
Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



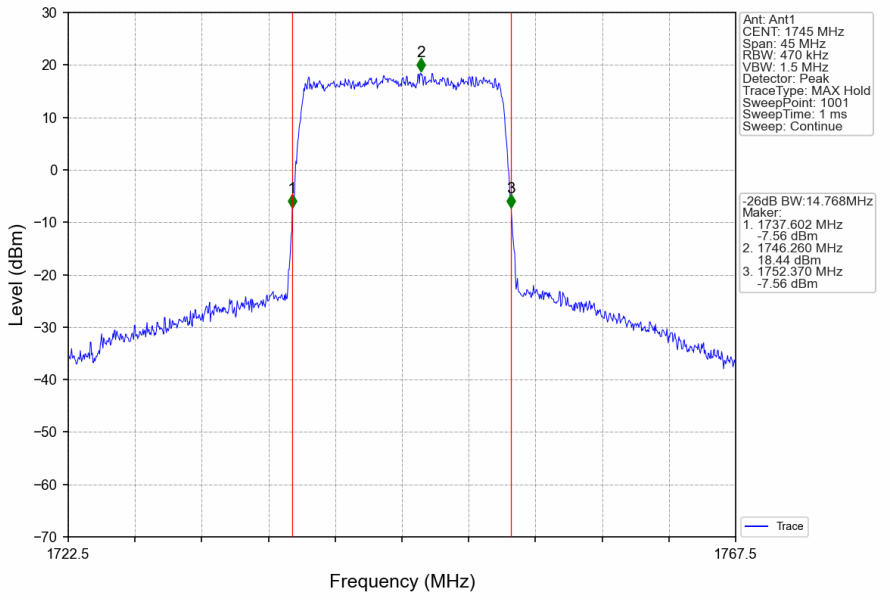

Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV



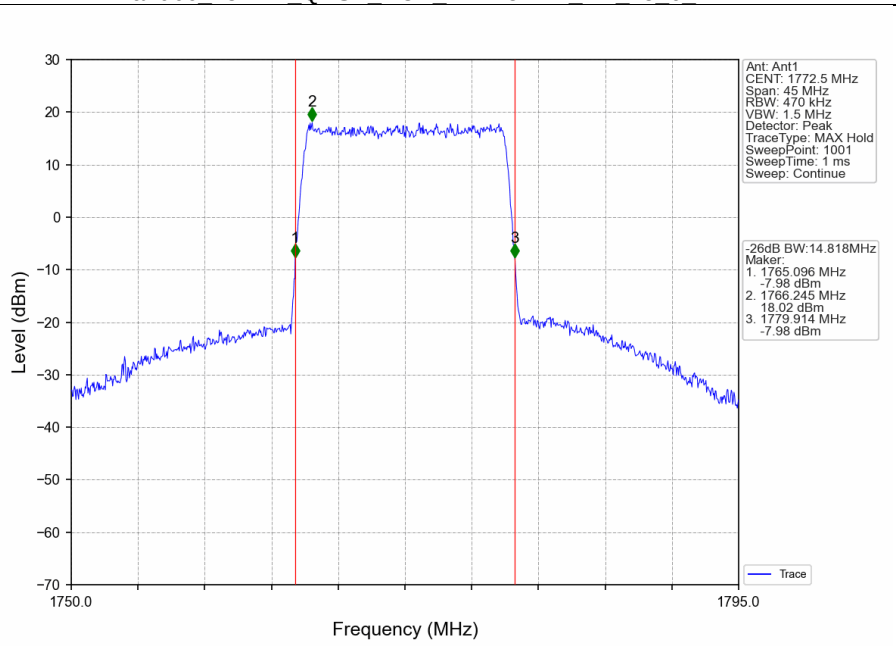
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



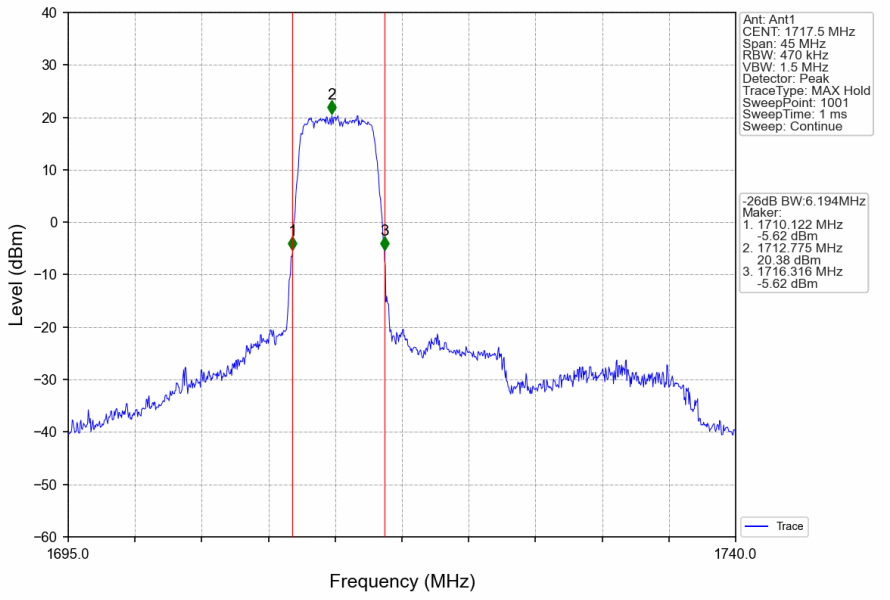

Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



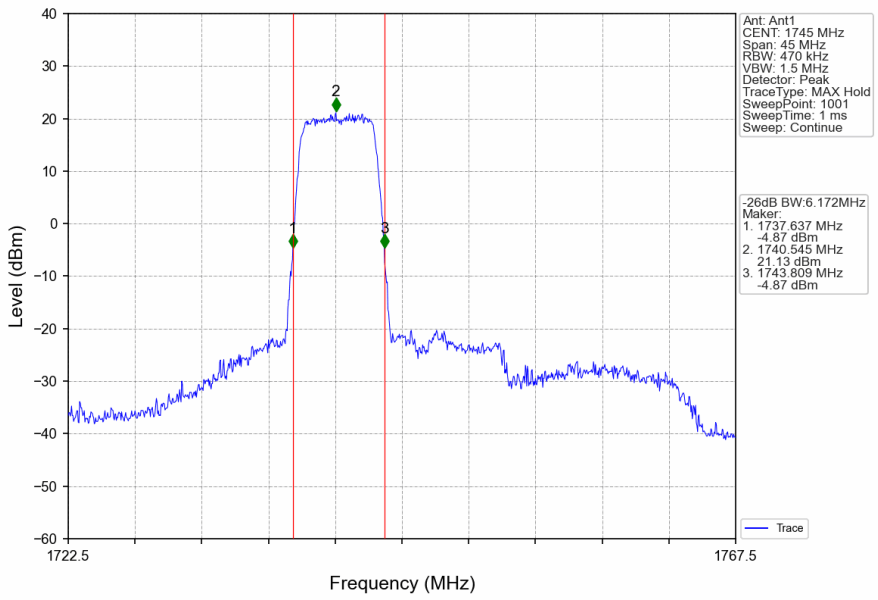
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



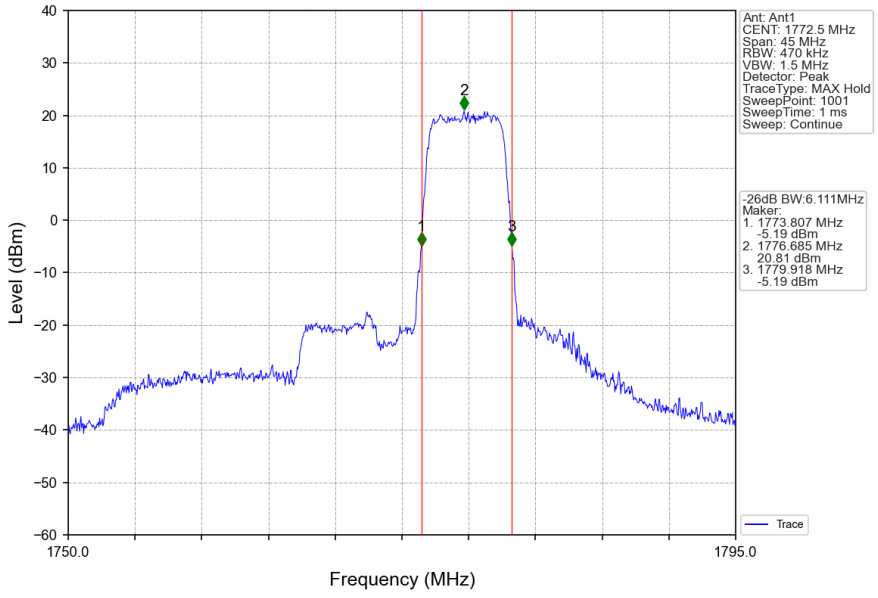

Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



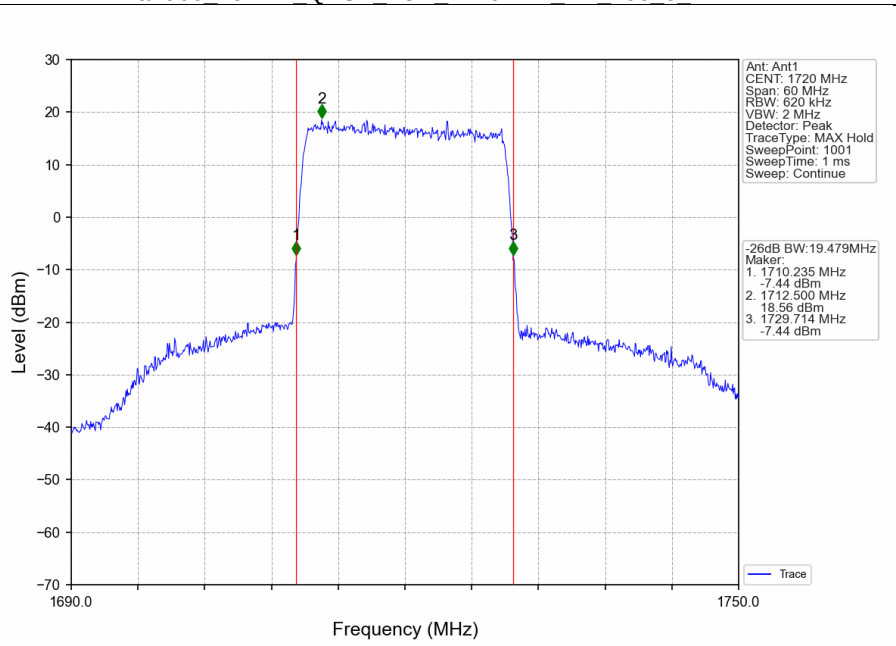
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



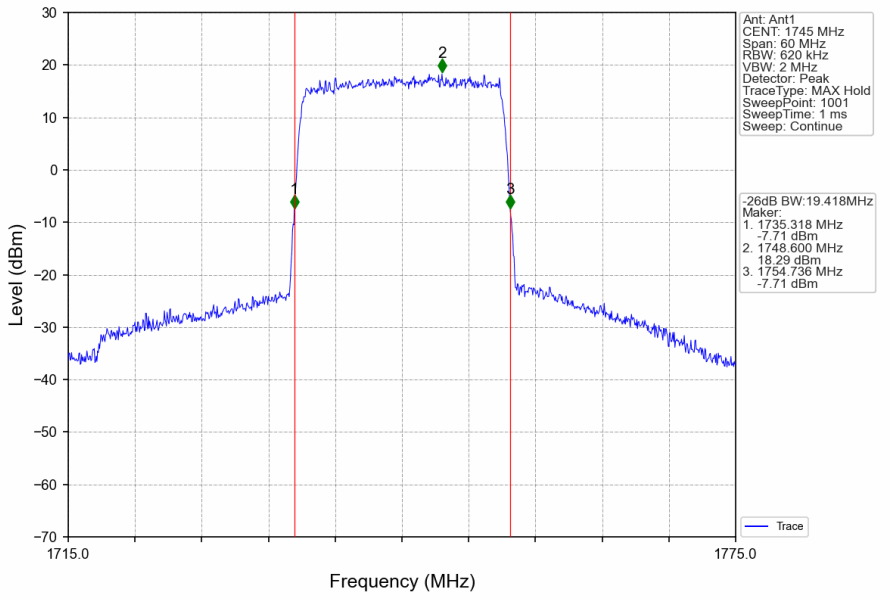

Band66_15MHz_16QAM_HCH_1772.5MHz_RB_27_48_NTNV



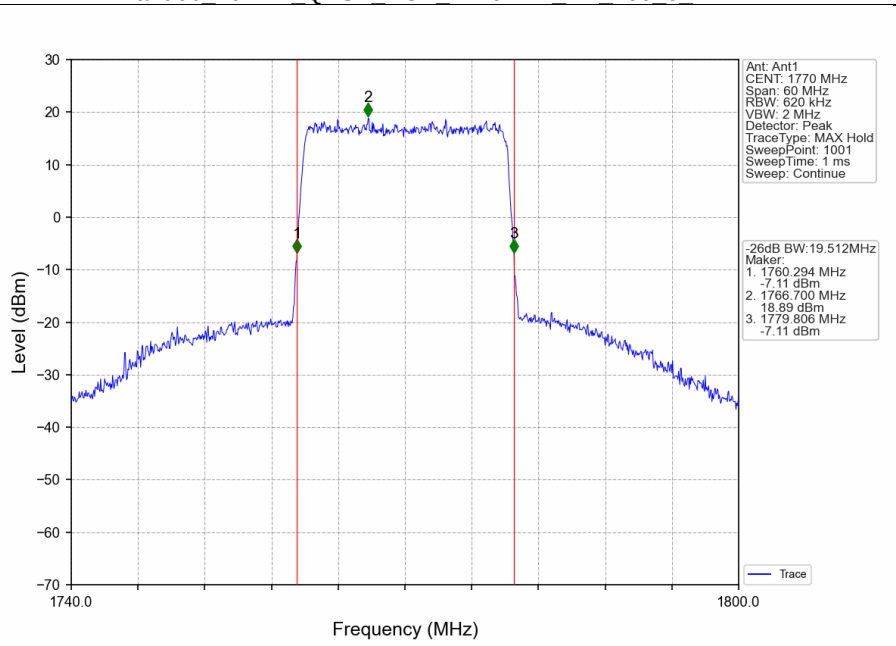
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



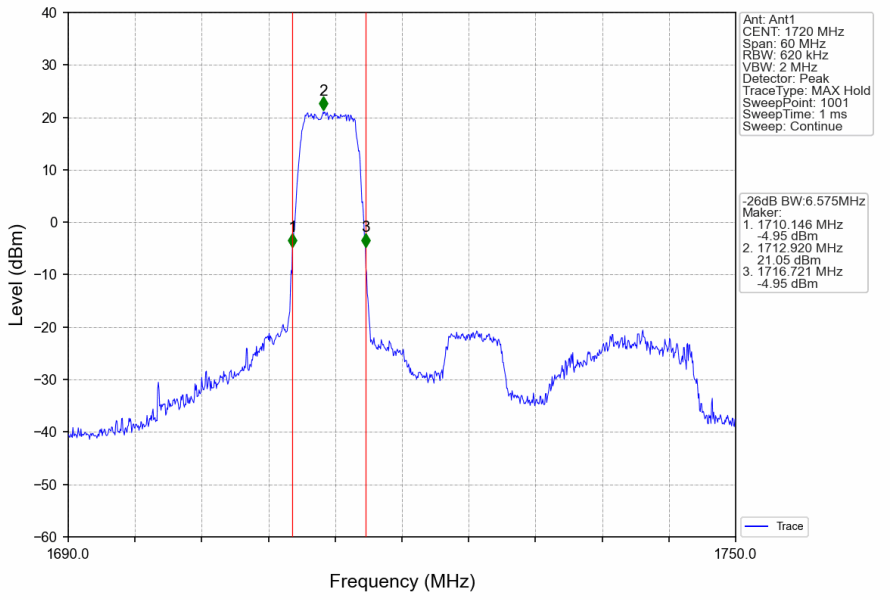

Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



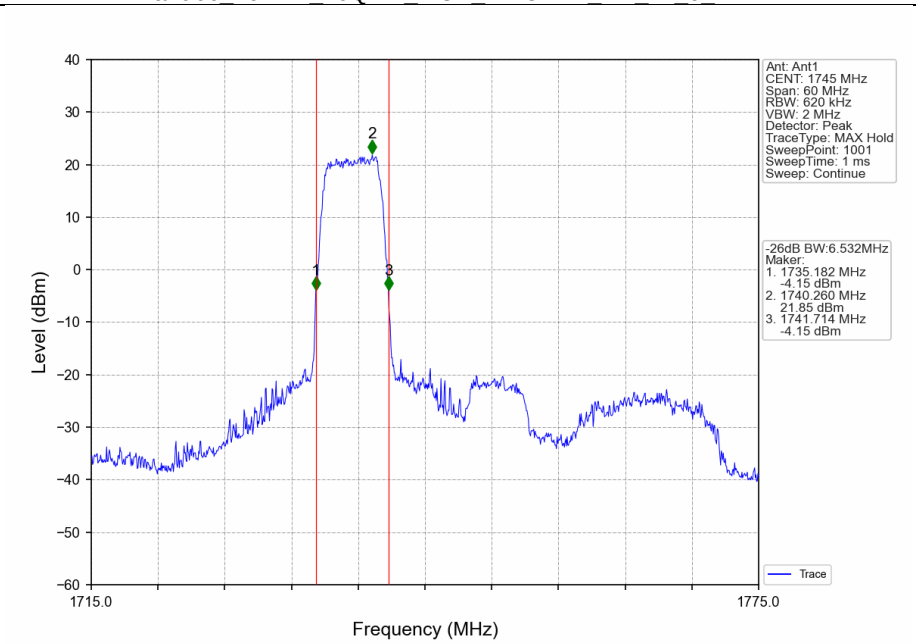
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



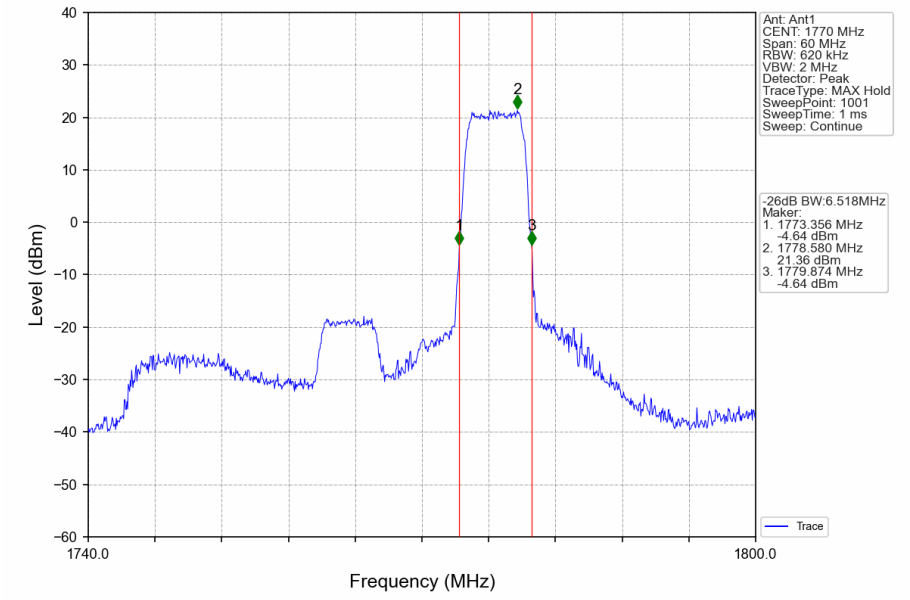

Band66_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV




Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



# 4. Peak-Average Ratio

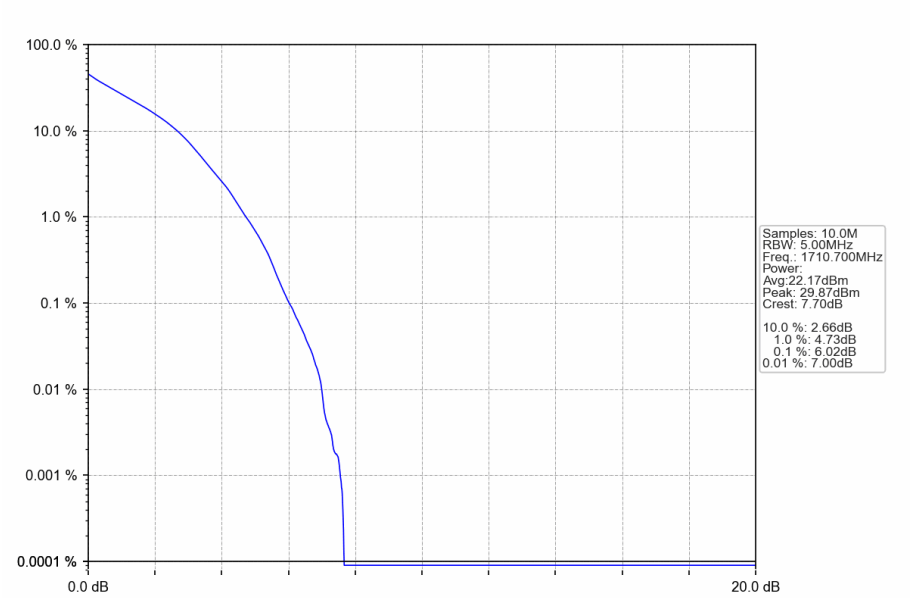
## 4.1 B66_1.4MHz

### 4.1.1 Test Result

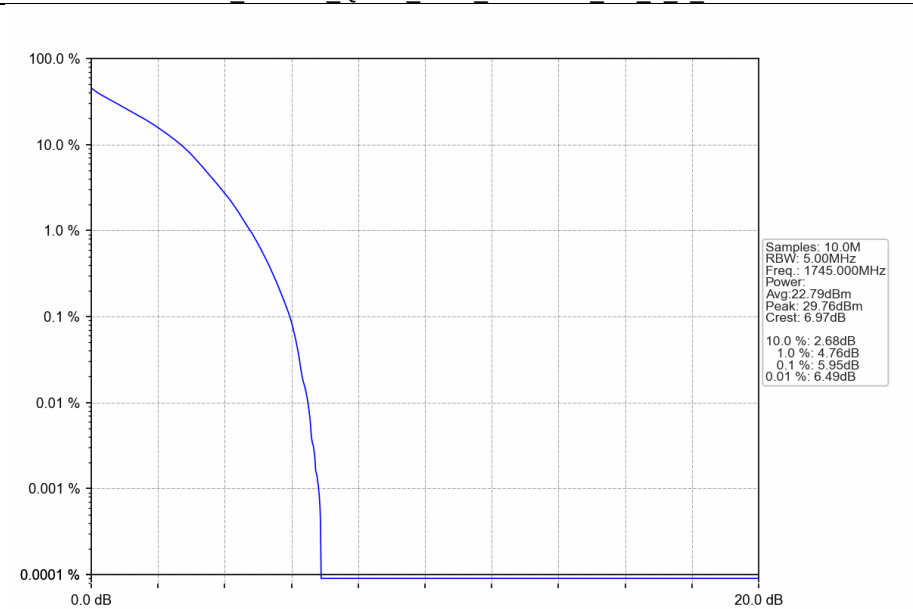
| Band: 66 / Bandwidth: 1.4MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1710.7 | 6 | 0 | 6.02 | <=13 | Pass |
| | 1745 | 6 | 0 | 5.95 | <=13 | Pass |
| | 1779.3 | 6 | 0 | 5.85 | <=13 | Pass |
| 16QAM | 1710.7 | 6 | 0 | 6.84 | <=13 | Pass |
| | 1745 | 6 | 0 | 6.67 | <=13 | Pass |
| | 1779.3 | 6 | 0 | 6.58 | <=13 | Pass |

## 4.1.2 Test Graph

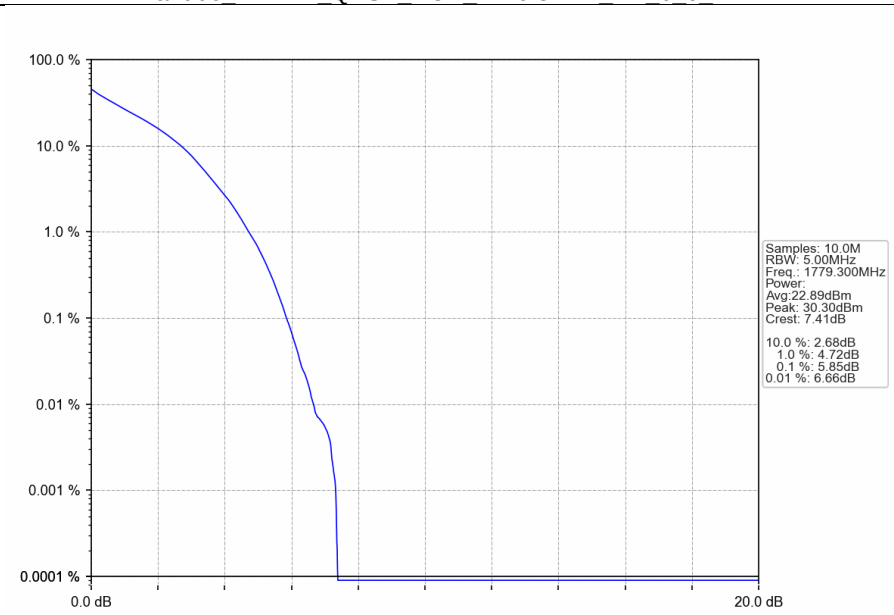
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



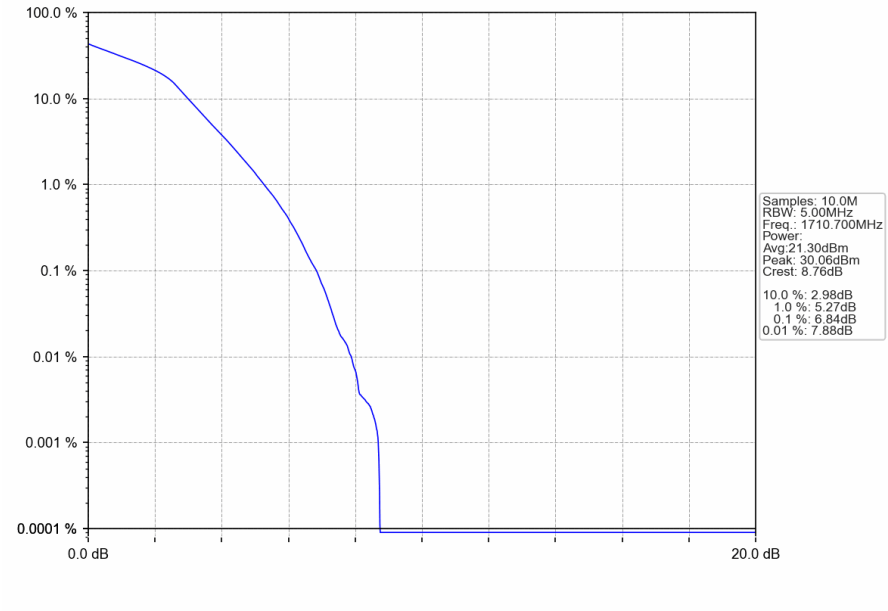

Band66_1.4MHz_QPSK_MCH_1745MHz_RB_6_0_NTNV



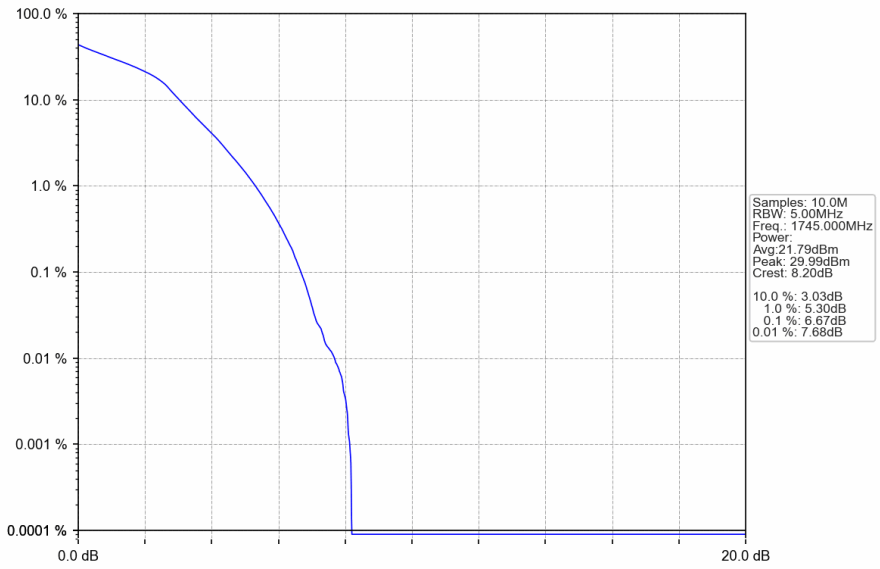
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



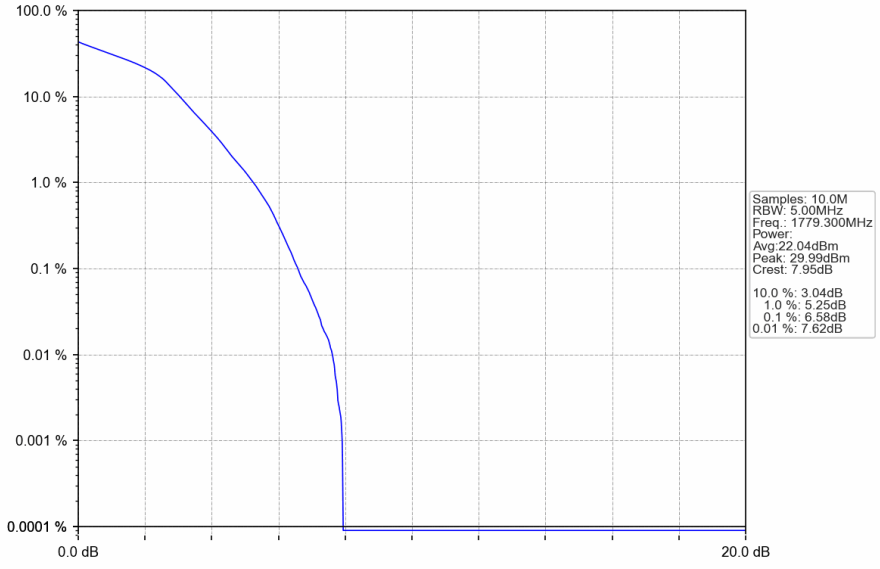

Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV




Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



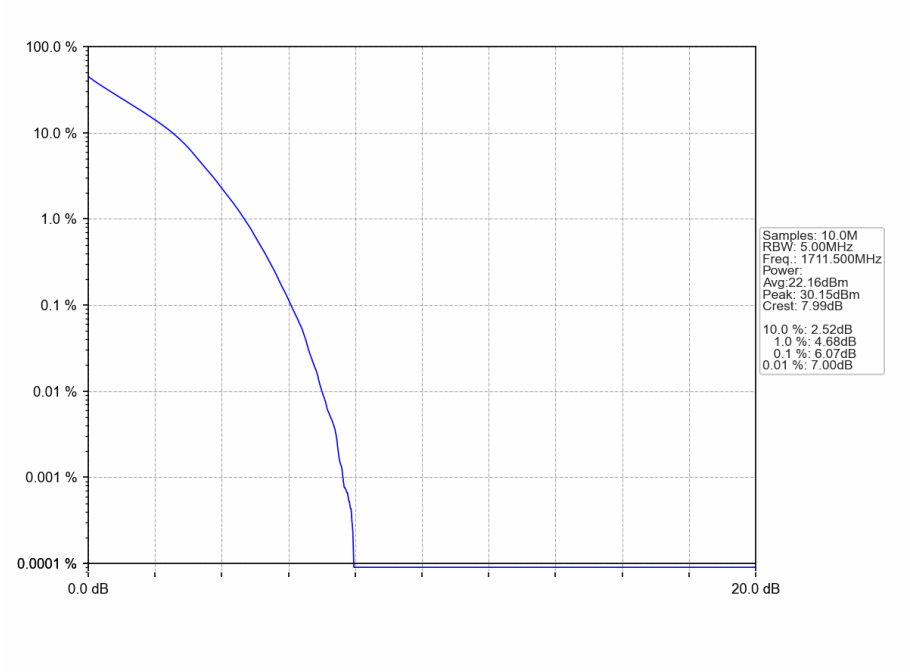
## 4.2 B66_3MHz

### 4.2.1 Test Result

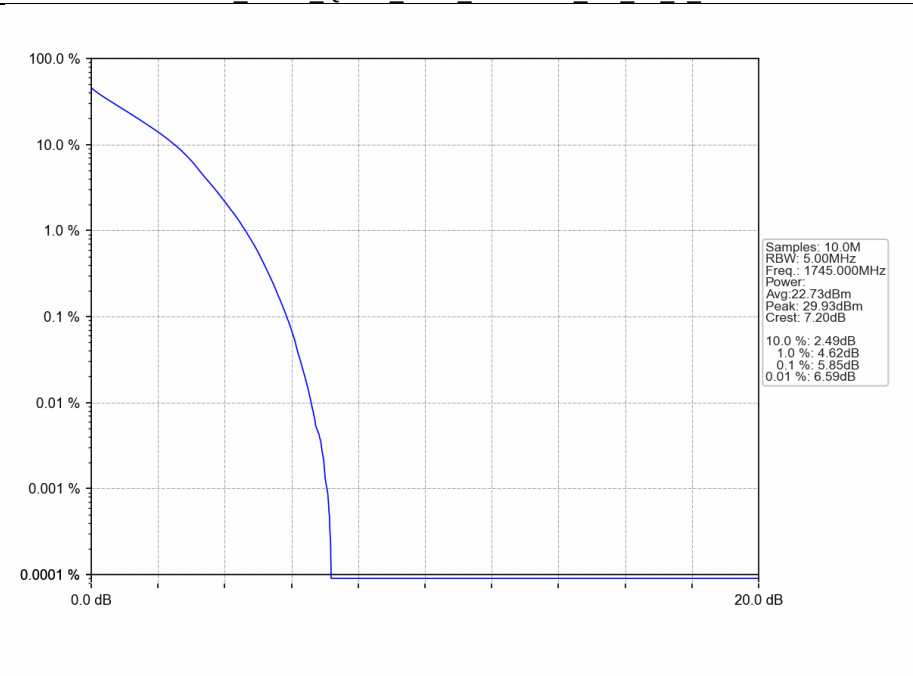
| Band: 66 / Bandwidth: 3MHz / NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Peak-Average Ratio (dB) | | Verdict |
| | | Size | Offset | Result | Limit | |
| QPSK | 1711.5 | 15 | 0 | 6.07 | <=13 | Pass |
| | 1745 | 15 | 0 | 5.85 | <=13 | Pass |
| | 1778.5 | 15 | 0 | 5.89 | <=13 | Pass |
| 16QAM | 1711.5 | 15 | 0 | 6.83 | <=13 | Pass |
| | 1745 | 15 | 0 | 6.67 | <=13 | Pass |
| | 1778.5 | 15 | 0 | 6.65 | <=13 | Pass |

## 4.2.2 Test Graph

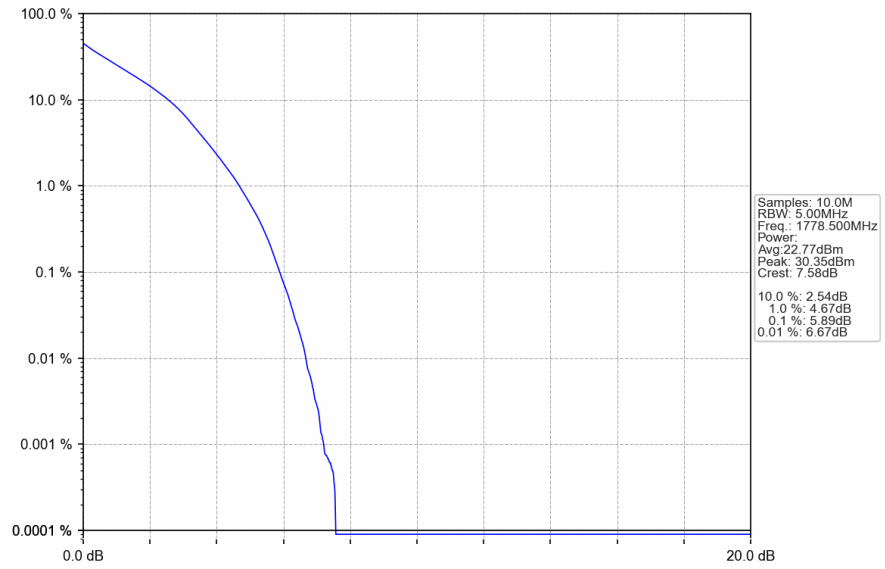
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



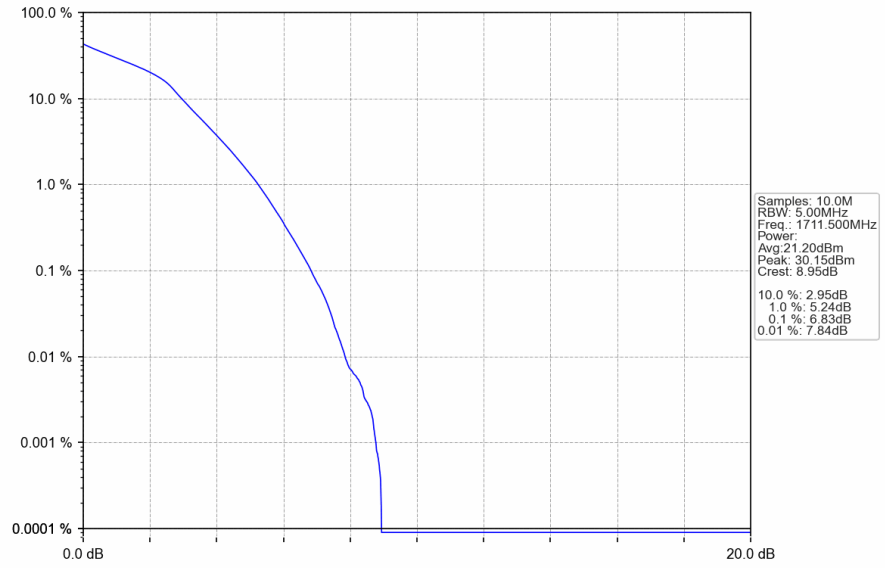

Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



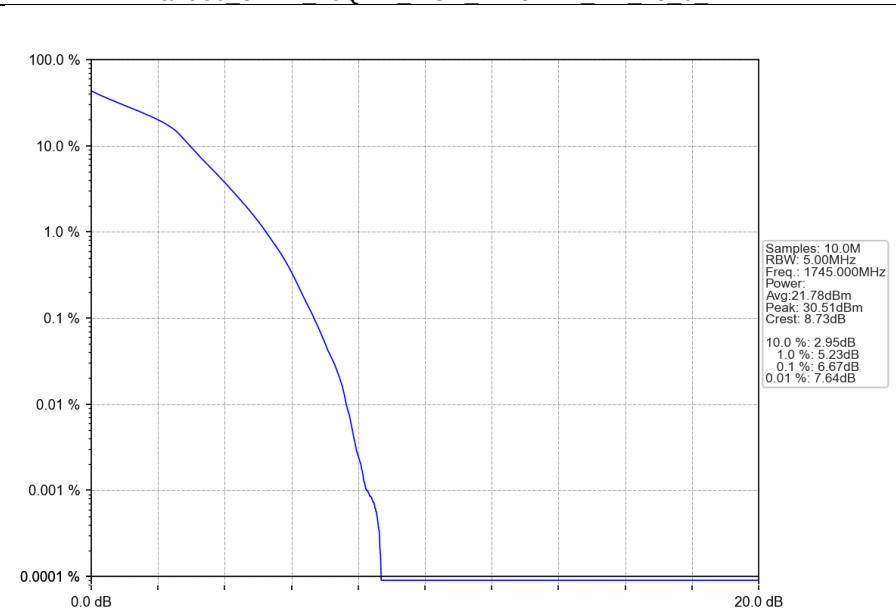
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV




Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV




Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV