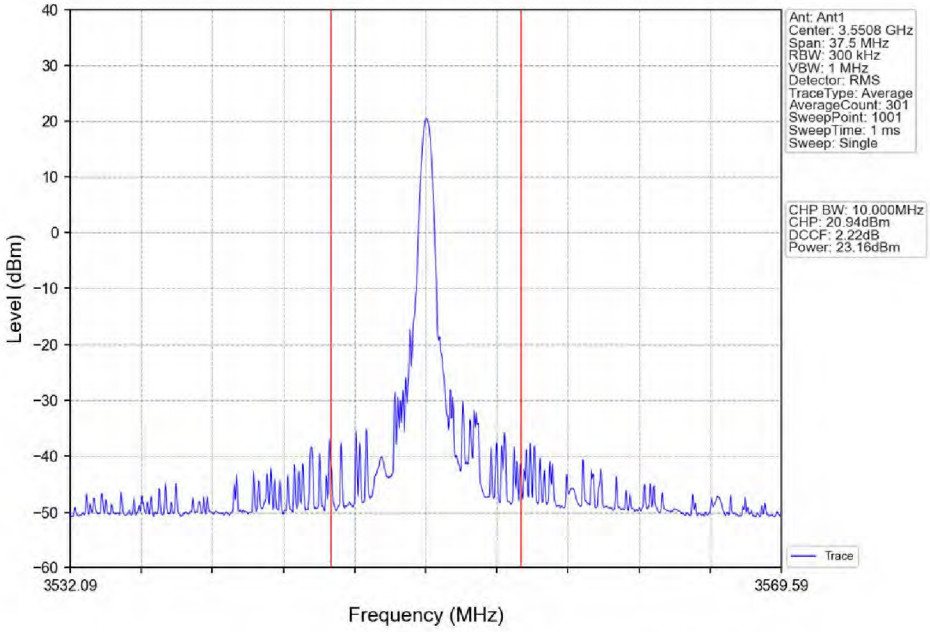
## 1.3 B48_15MHz_EIRP

### 1.3.1 Test Result

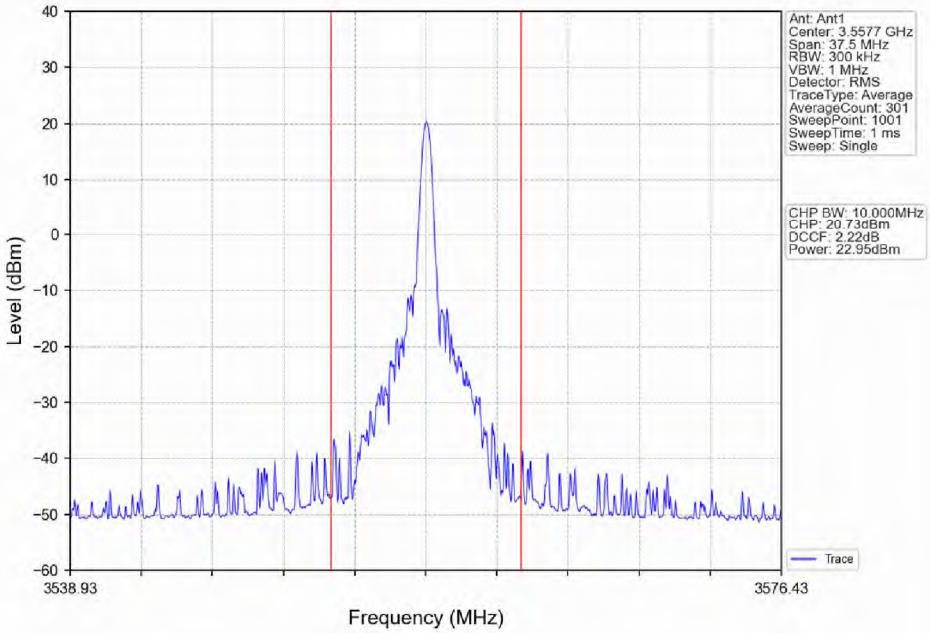
| Band: 48 / Bandwidth: 15MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm/10MHz) | Gain (dbi) | EIRP (dBm/10MHz) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3557.5 | 1 | 0 | 23.16 | -6.10 | 17.06 | <=23 | Pass |
| | | | 38 | 22.95 | -6.10 | 16.85 | <=23 | Pass |
| | | | 74 | 23.25 | -6.10 | 17.15 | <=23 | Pass |
| | | 36 | 0 | 22.25 | -6.10 | 16.15 | <=23 | Pass |
| | | | 18 | 22.23 | -6.10 | 16.13 | <=23 | Pass |
| | | | 39 | 22.31 | -6.10 | 16.21 | <=23 | Pass |
| | | 75 | 0 | 20.94 | -6.10 | 14.84 | <=23 | Pass |
| | 3625 | 1 | 0 | 23.35 | -6.10 | 17.25 | <=23 | Pass |
| | | | 38 | 23.15 | -6.10 | 17.05 | <=23 | Pass |
| | | | 74 | 23.35 | -6.10 | 17.25 | <=23 | Pass |
| | | 36 | 0 | 22.48 | -6.10 | 16.38 | <=23 | Pass |
| | | | 18 | 22.70 | -6.10 | 16.60 | <=23 | Pass |
| | | | 39 | 22.24 | -6.10 | 16.14 | <=23 | Pass |
| | | 75 | 0 | 21.34 | -6.10 | 15.24 | <=23 | Pass |
| | 3692.5 | 1 | 0 | 23.98 | -6.10 | 17.88 | <=23 | Pass |
| | | | 38 | 24.16 | -6.10 | 18.06 | <=23 | Pass |
| | | | 74 | 24.10 | -6.10 | 18.00 | <=23 | Pass |
| | | 36 | 0 | 22.82 | -6.10 | 16.72 | <=23 | Pass |
| | | | 18 | 23.02 | -6.10 | 16.92 | <=23 | Pass |
| | | | 39 | 23.42 | -6.10 | 17.32 | <=23 | Pass |
| | | 75 | 0 | 21.91 | -6.10 | 15.81 | <=23 | Pass |
| 16QAM | 3557.5 | 1 | 0 | 22.25 | -6.10 | 16.15 | <=23 | Pass |
| | | | 38 | 22.54 | -6.10 | 16.44 | <=23 | Pass |
| | | | 74 | 22.25 | -6.10 | 16.15 | <=23 | Pass |
| | | 36 | 0 | 21.15 | -6.10 | 15.05 | <=23 | Pass |
| | | | 18 | 21.14 | -6.10 | 15.04 | <=23 | Pass |
| | | | 39 | 21.33 | -6.10 | 15.23 | <=23 | Pass |
| | | 75 | 0 | 20.19 | -6.10 | 14.09 | <=23 | Pass |
| | 3625 | 1 | 0 | 22.37 | -6.10 | 16.27 | <=23 | Pass |
| | | | 38 | 22.67 | -6.10 | 16.57 | <=23 | Pass |
| | | | 74 | 22.77 | -6.10 | 16.67 | <=23 | Pass |
| | | 36 | 0 | 21.22 | -6.10 | 15.12 | <=23 | Pass |
| | | | 18 | 21.52 | -6.10 | 15.42 | <=23 | Pass |
| | | | 39 | 22.02 | -6.10 | 15.92 | <=23 | Pass |
| | | 75 | 0 | 20.14 | -6.10 | 14.04 | <=23 | Pass |
| | 3692.5 | 1 | 0 | 22.89 | -6.10 | 16.79 | <=23 | Pass |
| | | | 38 | 23.02 | -6.10 | 16.92 | <=23 | Pass |
| | | | 74 | 22.92 | -6.10 | 16.82 | <=23 | Pass |
| | | 36 | 0 | 21.76 | -6.10 | 15.66 | <=23 | Pass |
| | | | 18 | 22.32 | -6.10 | 16.22 | <=23 | Pass |
| | | | 39 | 22.20 | -6.10 | 16.10 | <=23 | Pass |
| | | 75 | 0 | 20.61 | -6.10 | 14.51 | <=23 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.3.2 Test Graph

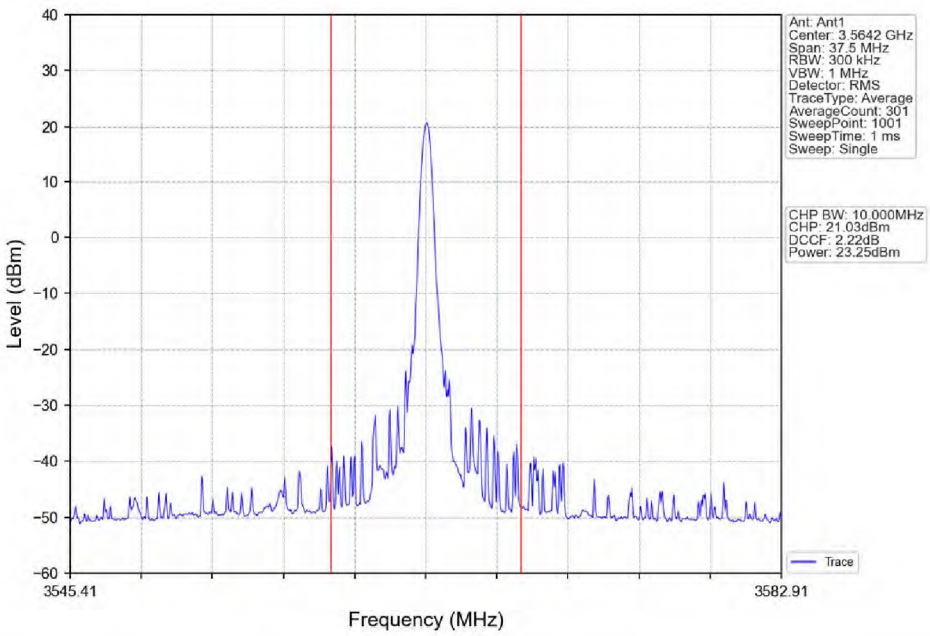
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_0_NTNV



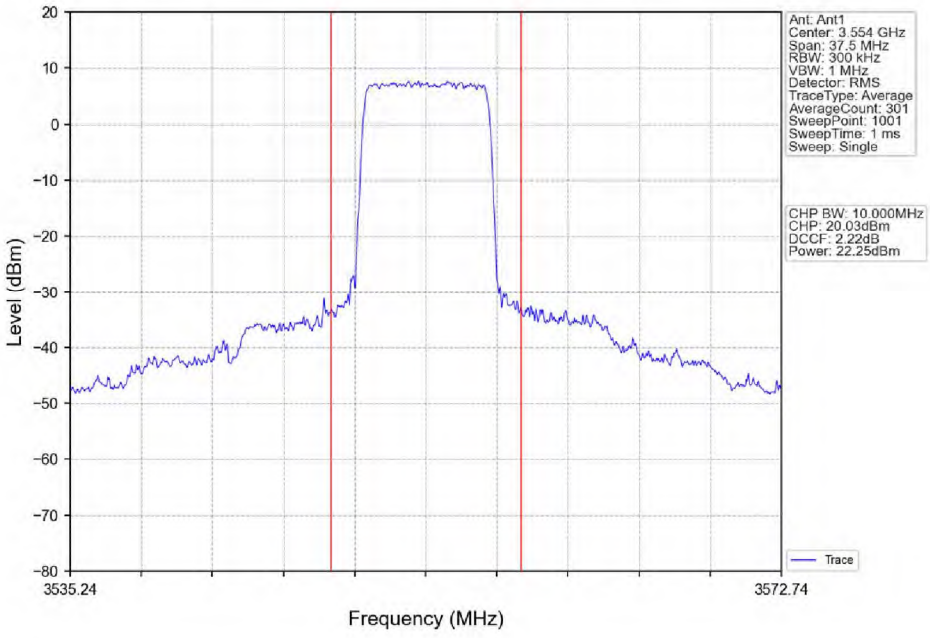

Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_38_NTNV



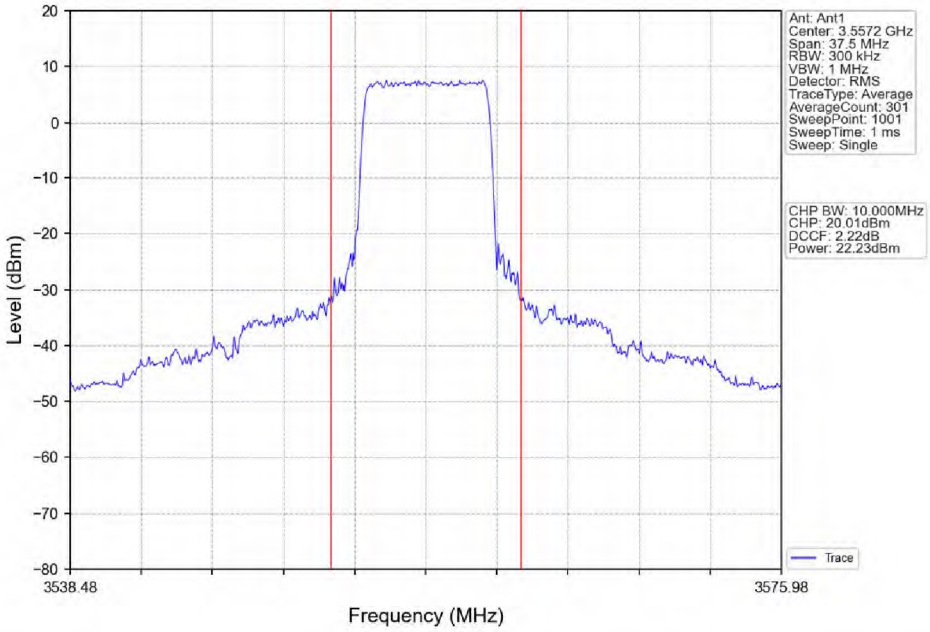
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_74_NTNV



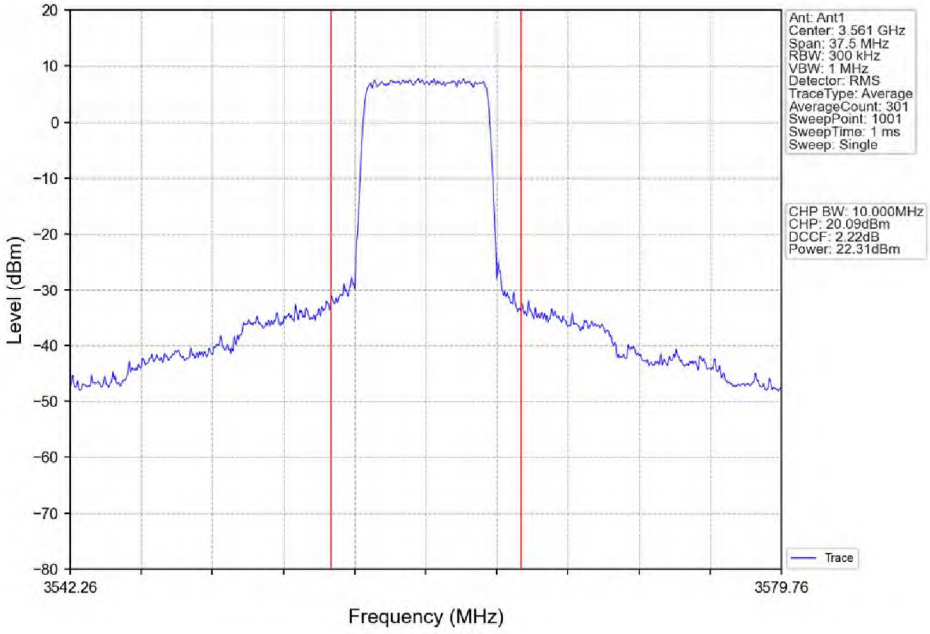

Band48_15MHz_QPSK_LCH_3557.5MHz_RB_36_0_NTNV



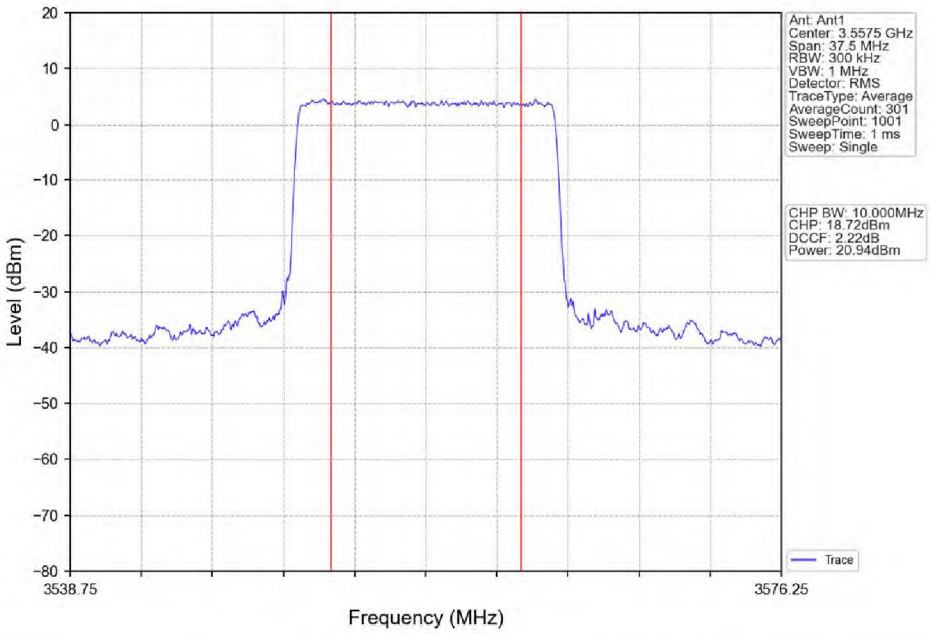
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_36_18_NTNV



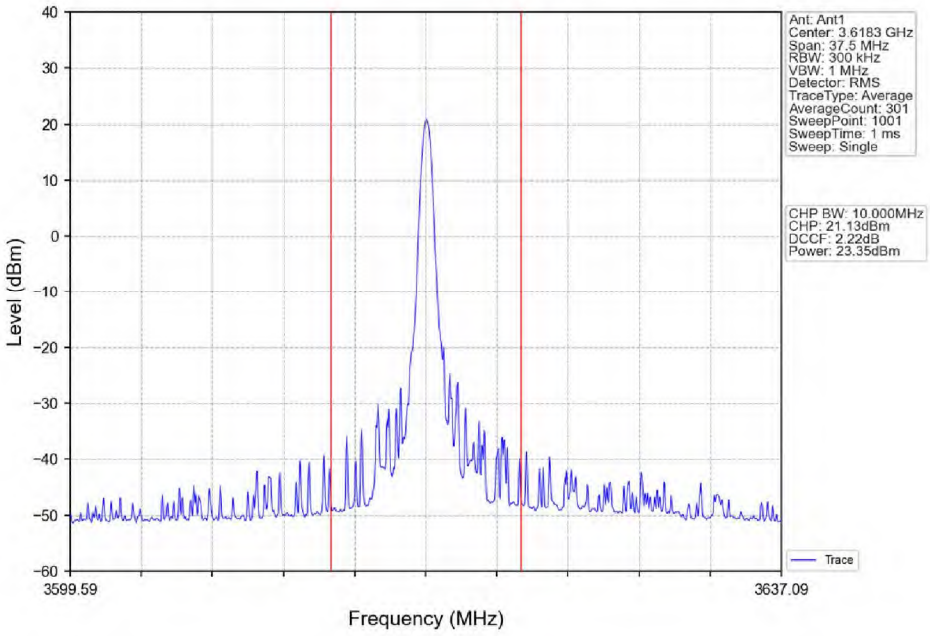

Band48_15MHz_QPSK_LCH_3557.5MHz_RB_36_39_NTNV



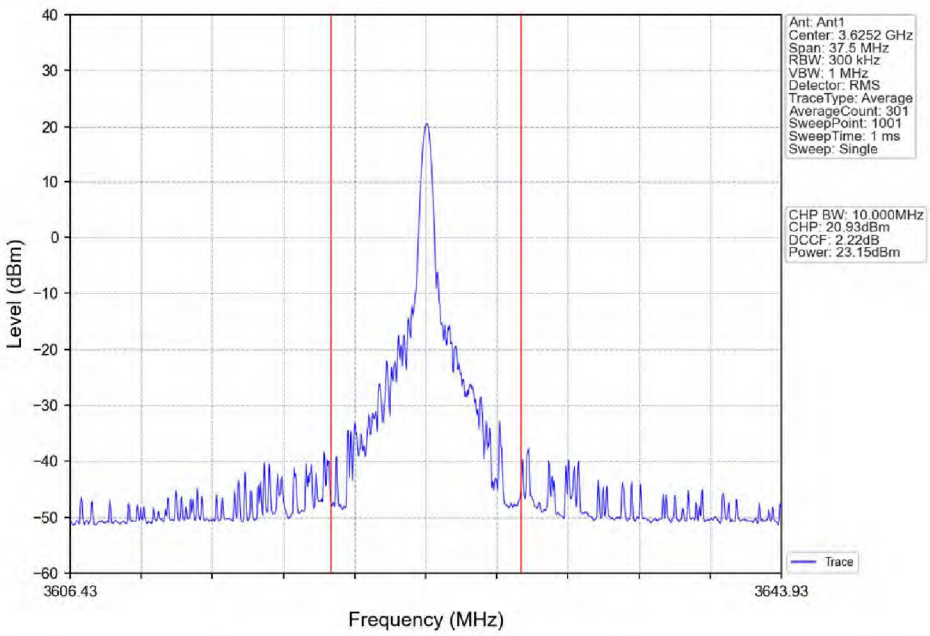
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



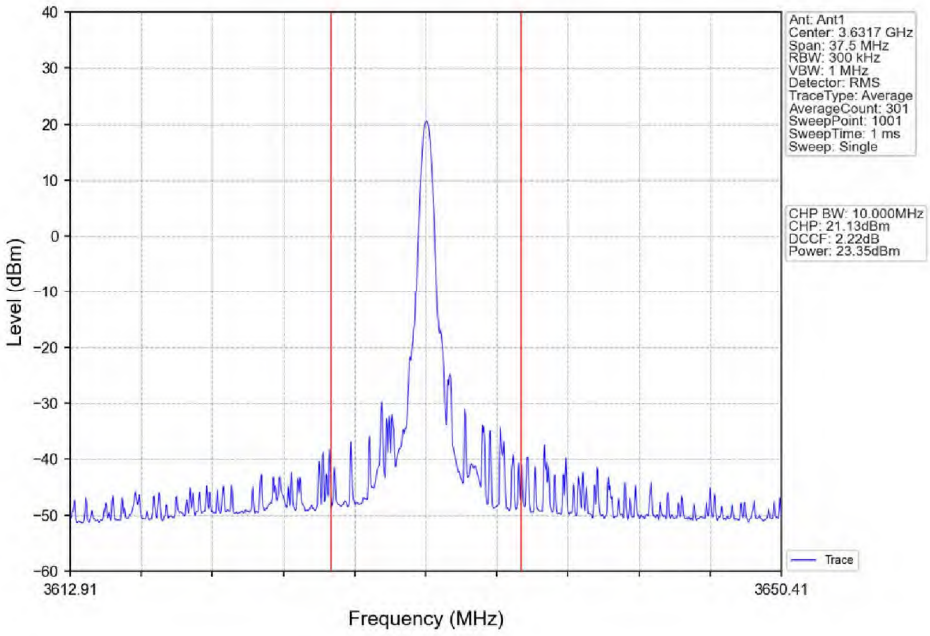

Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



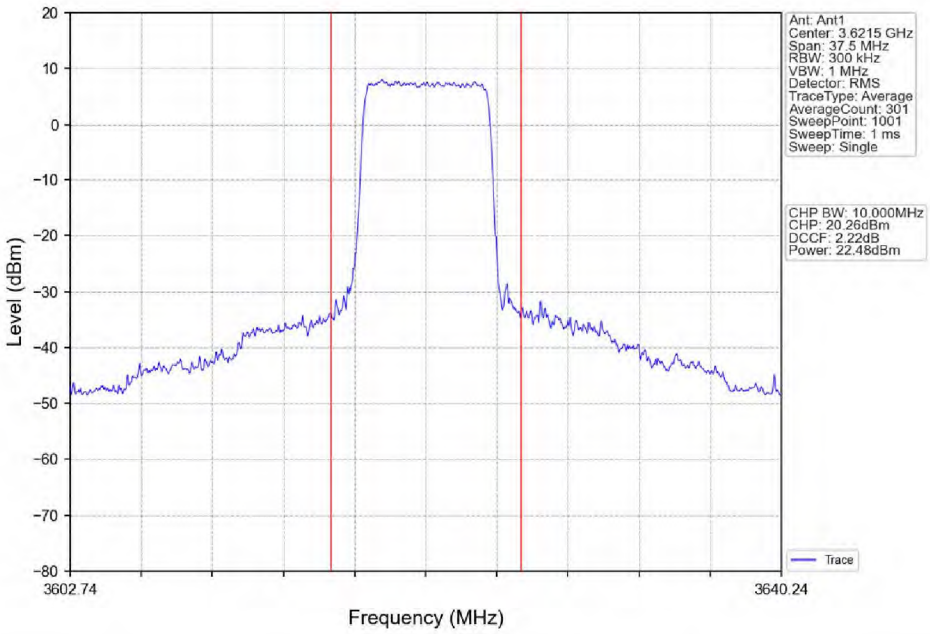
Band48_15MHz_QPSK_MCH_3625MHz_RB_1_38_NTNV



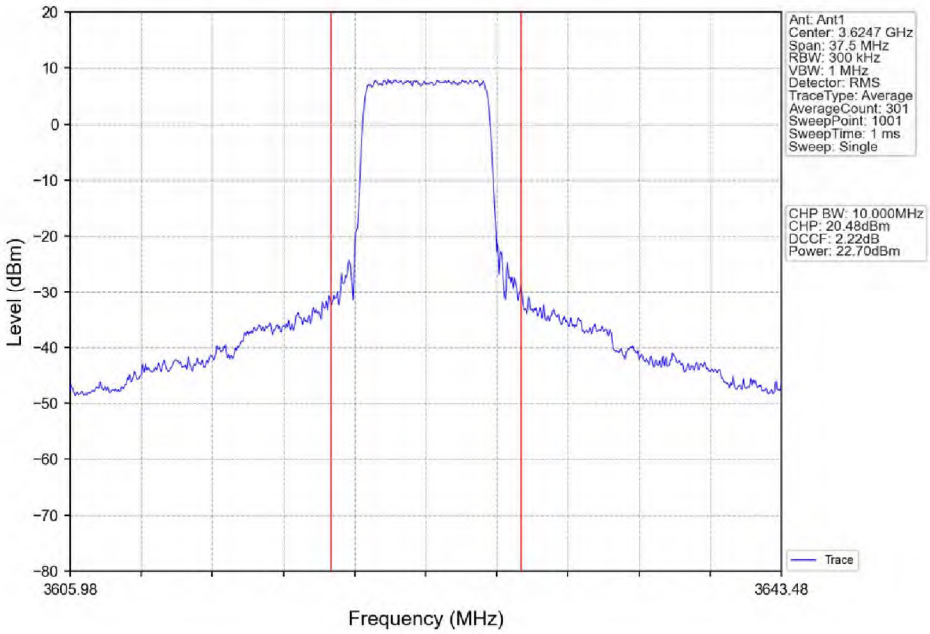

Band48_15MHz_QPSK_MCH_3625MHz_RB_1_74_NTNV



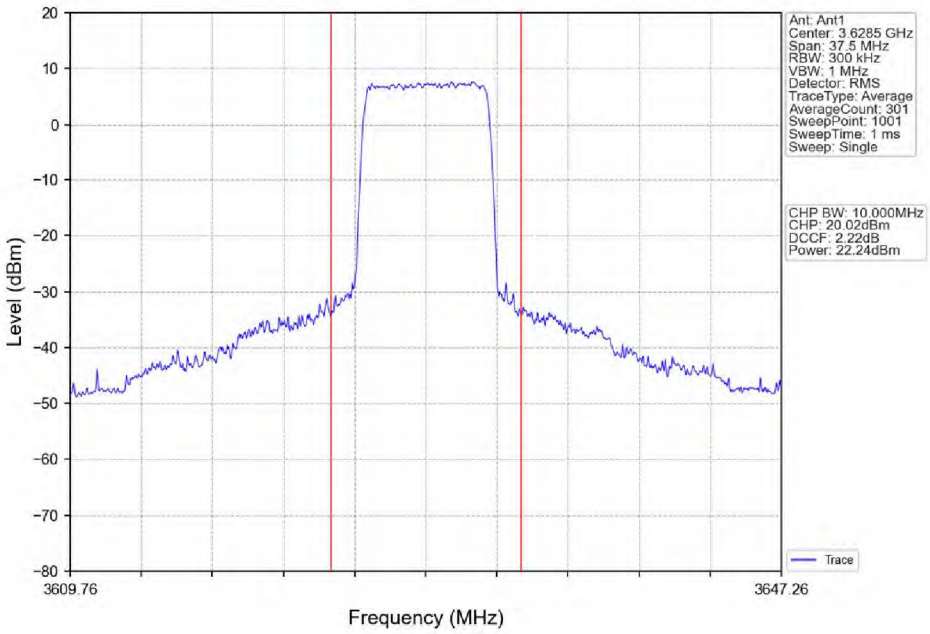
Band48_15MHz_QPSK_MCH_3625MHz_RB_36_0_NTNV



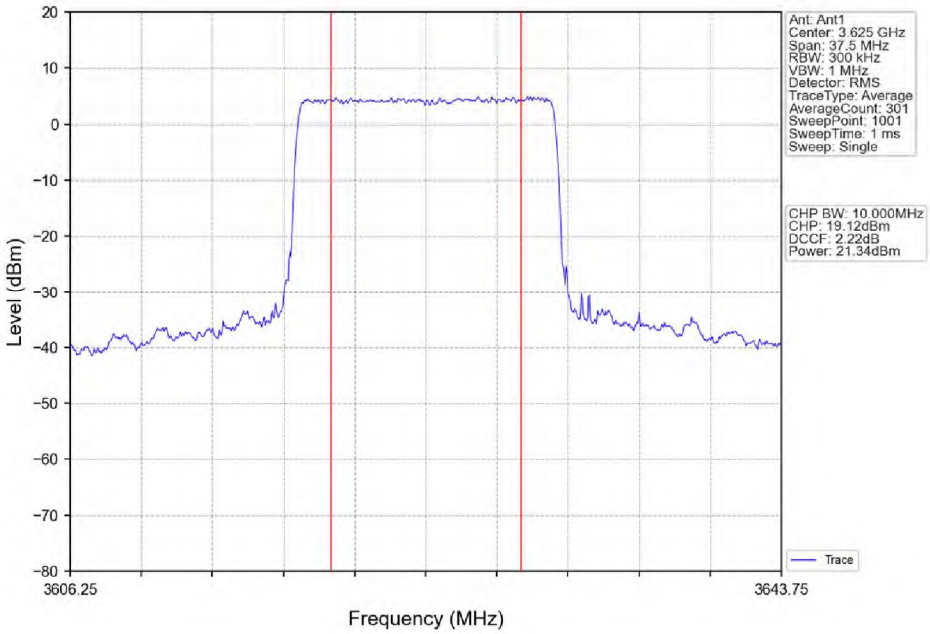

Band48_15MHz_QPSK_MCH_3625MHz_RB_36_18_NTNV



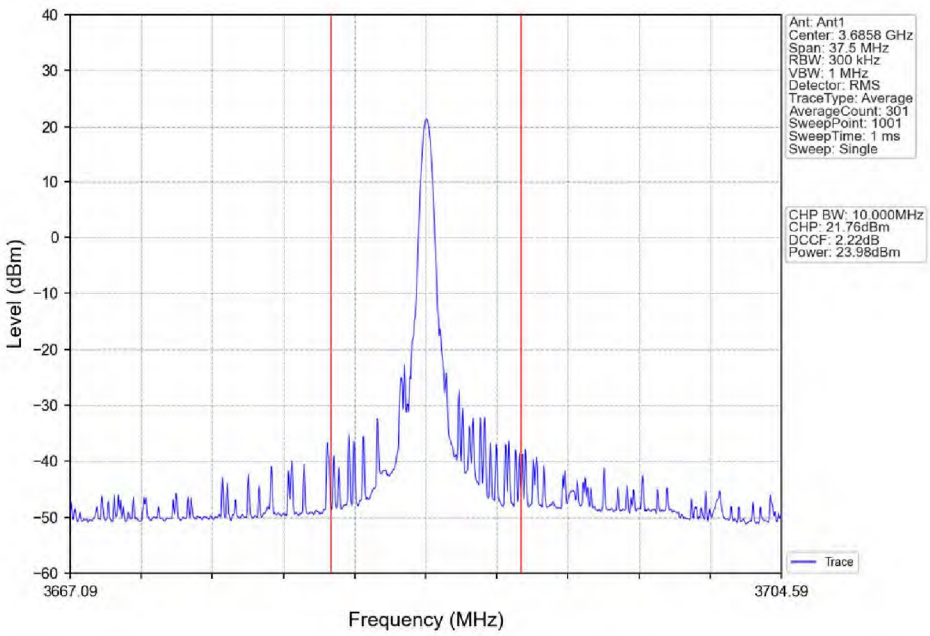
Band48_15MHz_QPSK_MCH_3625MHz_RB_36_39_NTNV



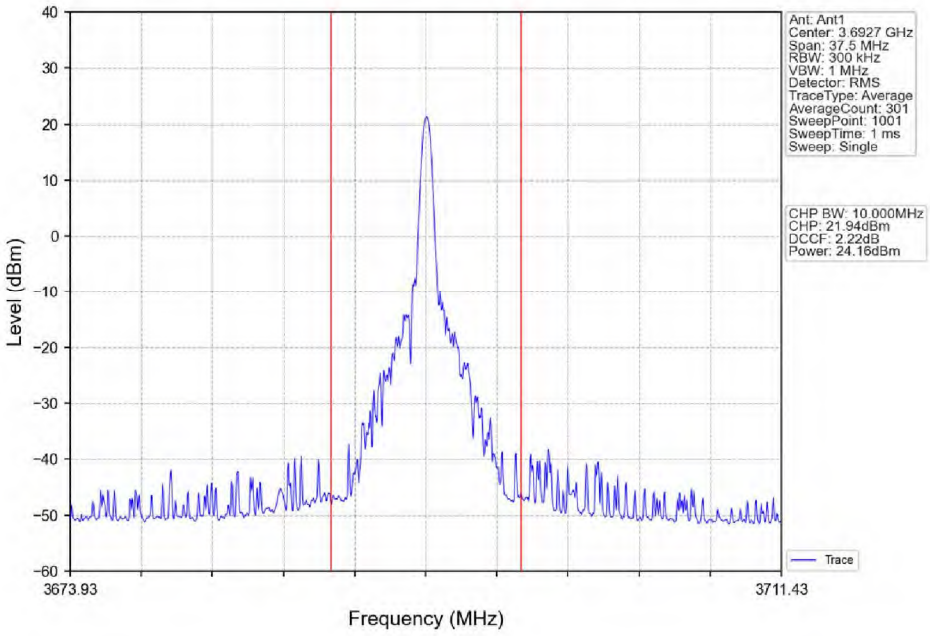

Band48_15MHz_QPSK_MCH_3625MHz_RB_75_0_NTNV



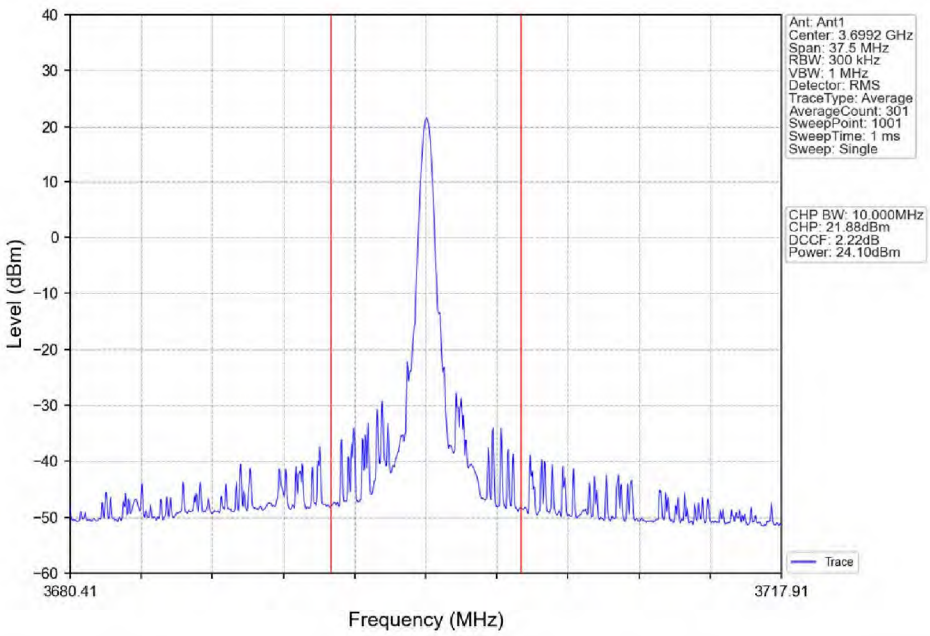
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV



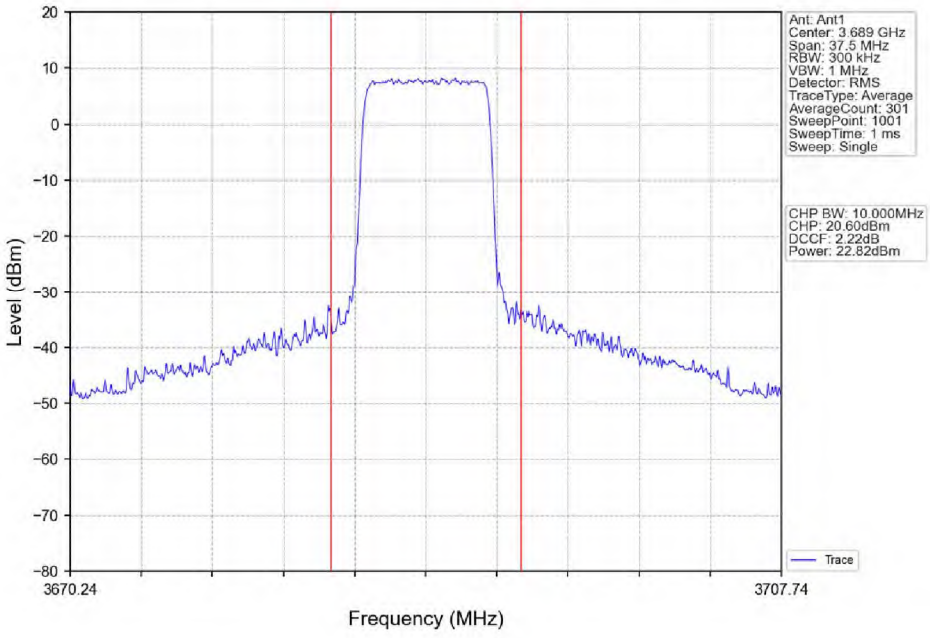

Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_38_NTNV



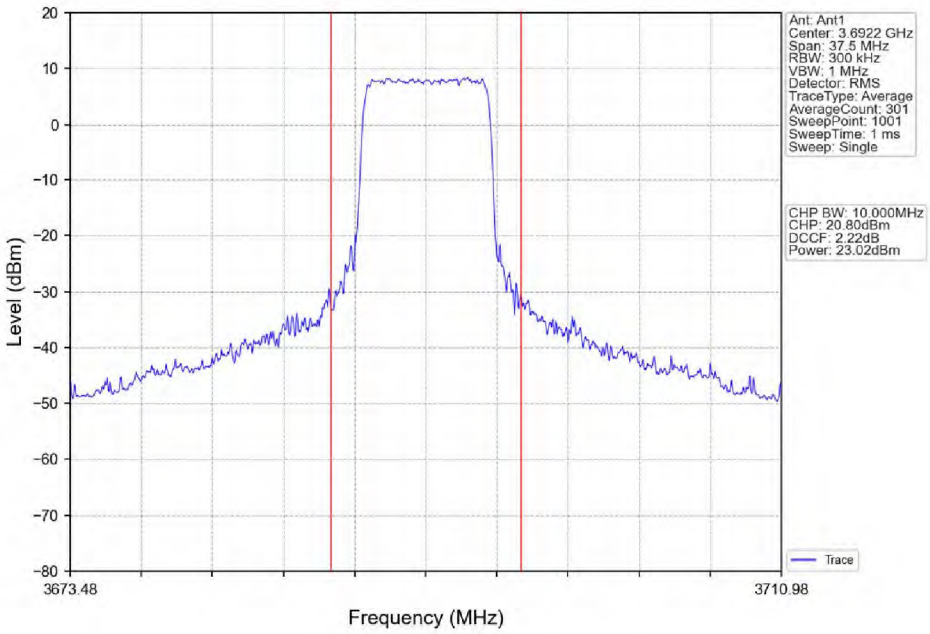
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_1_74_NTNV



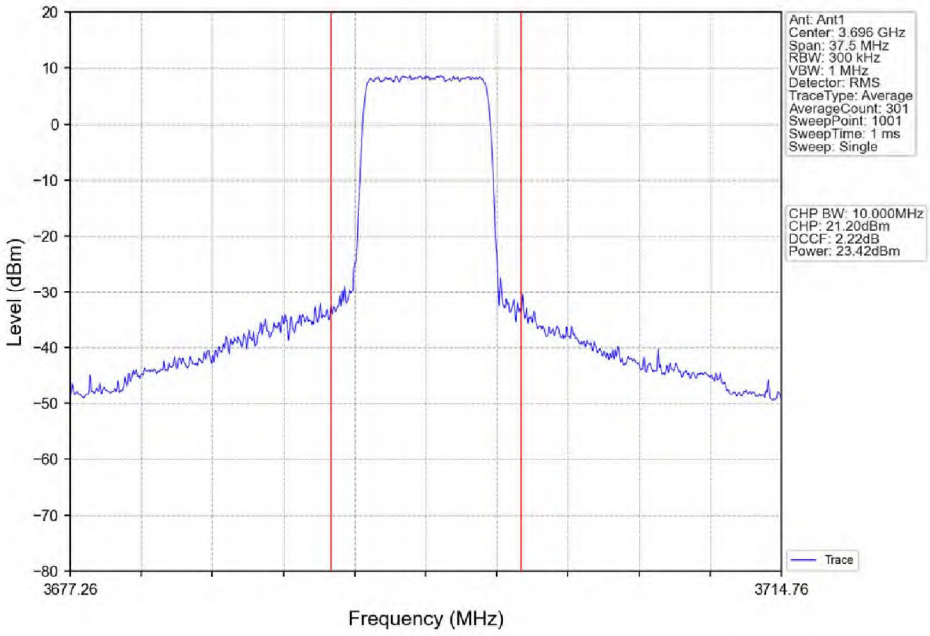

Band48_15MHz_QPSK_HCH_3692.5MHz_RB_36_0_NTNV



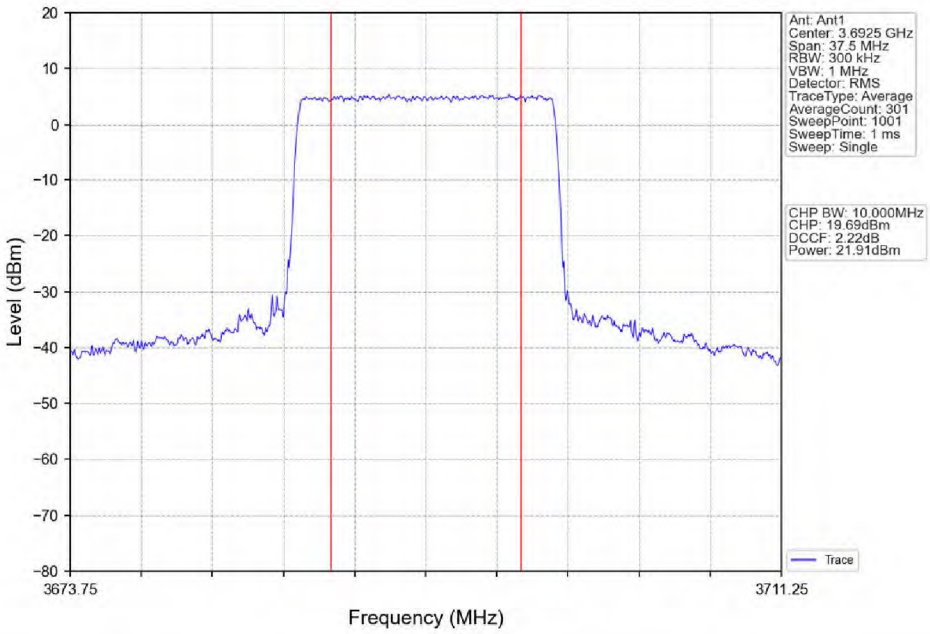
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_36_18_NTNV



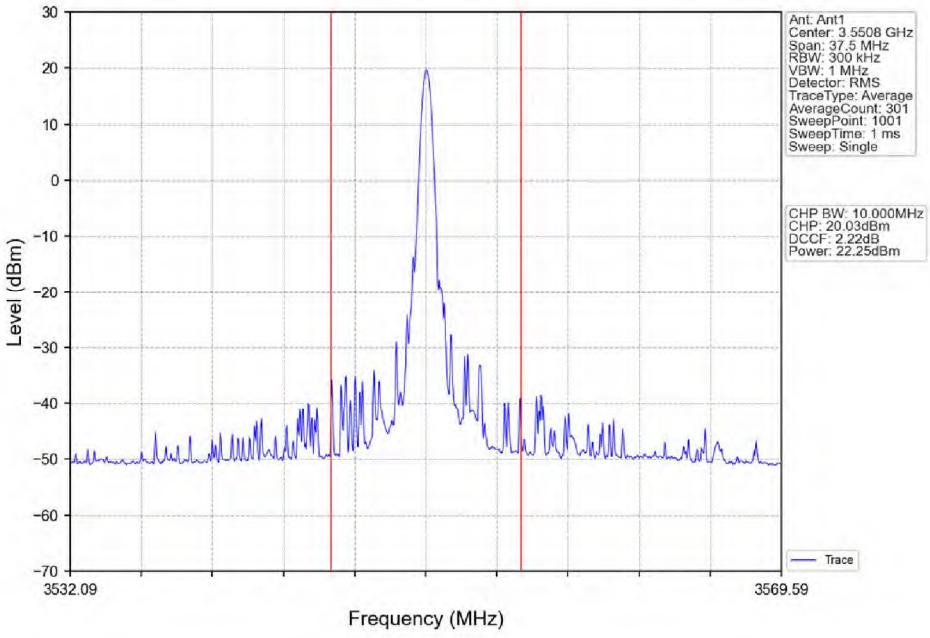

Band48_15MHz_QPSK_HCH_3692.5MHz_RB_36_39_NTNV



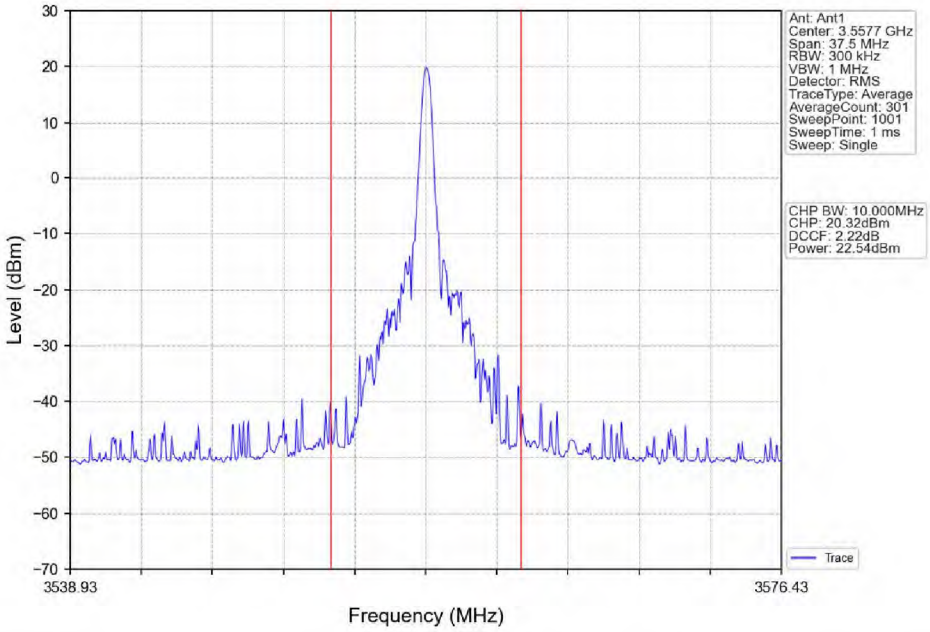
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_75_0_NTNV



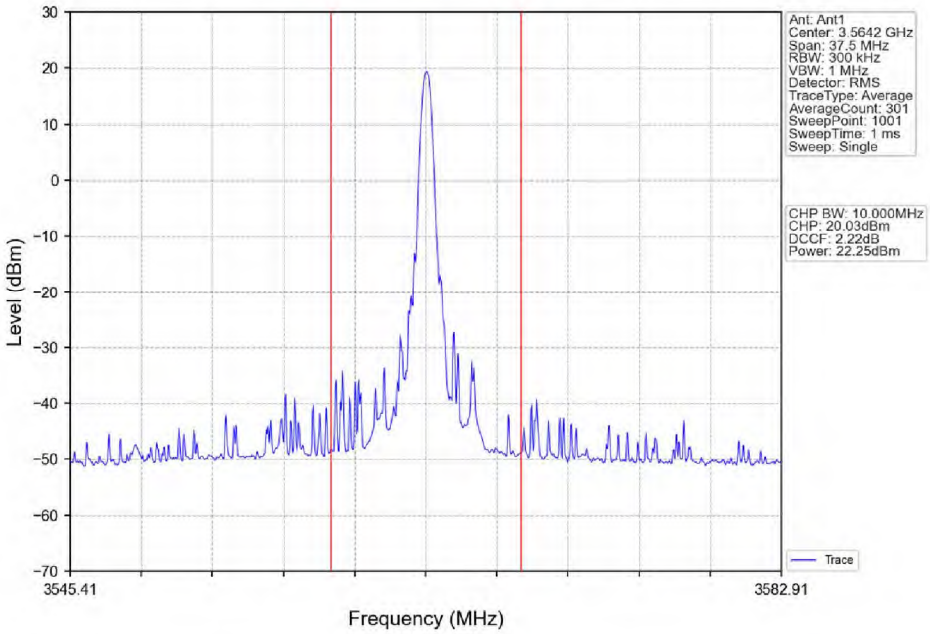

Band48_15MHz_16QAM_LCH_3557.5MHz_RB_1_0_NTNV



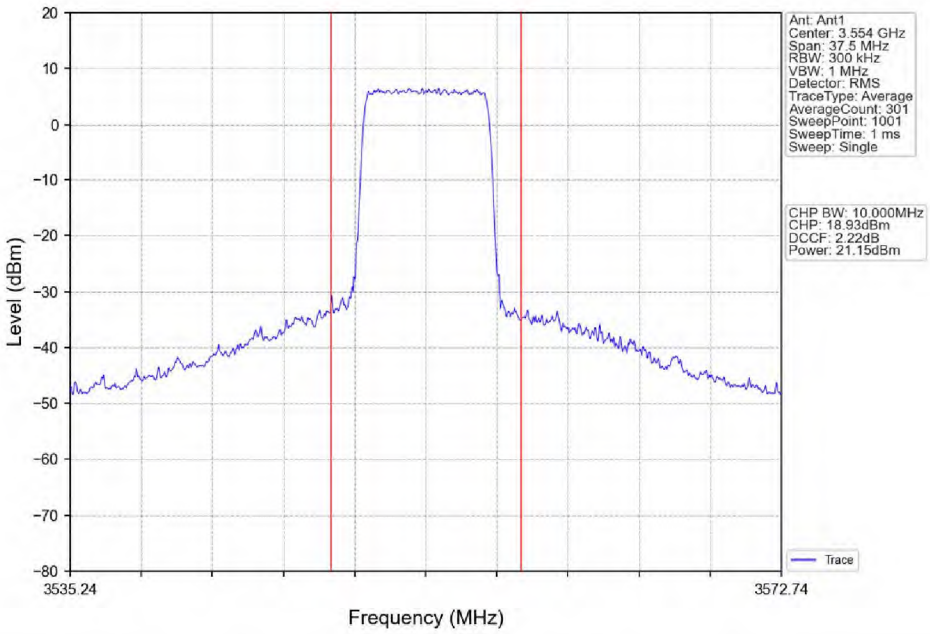
Band48_15MHz_16QAM_LCH_3557.5MHz_RB_1_38_NTNV



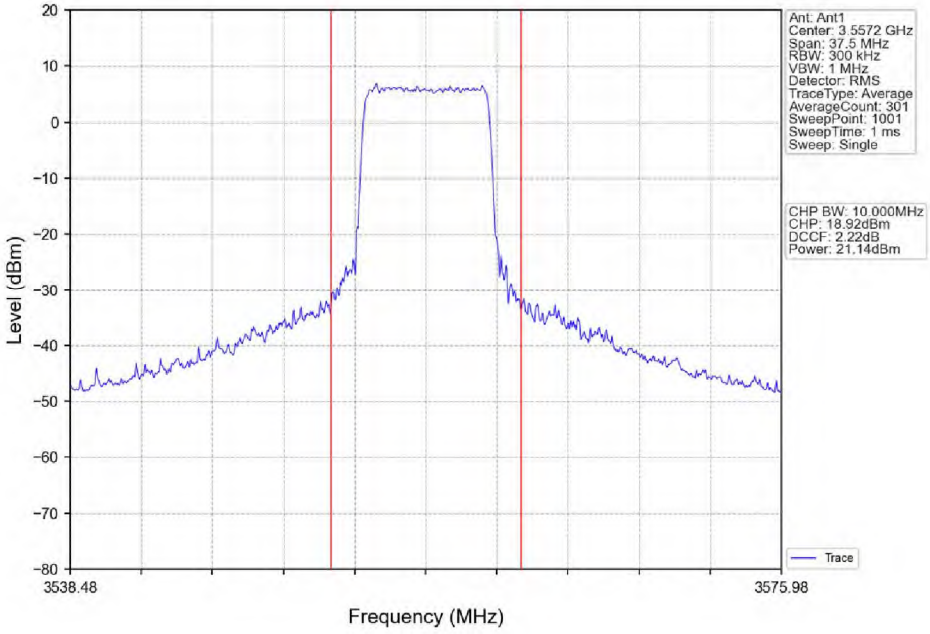

Band48_15MHz_16QAM_LCH_3557.5MHz_RB_1_74_NTNV



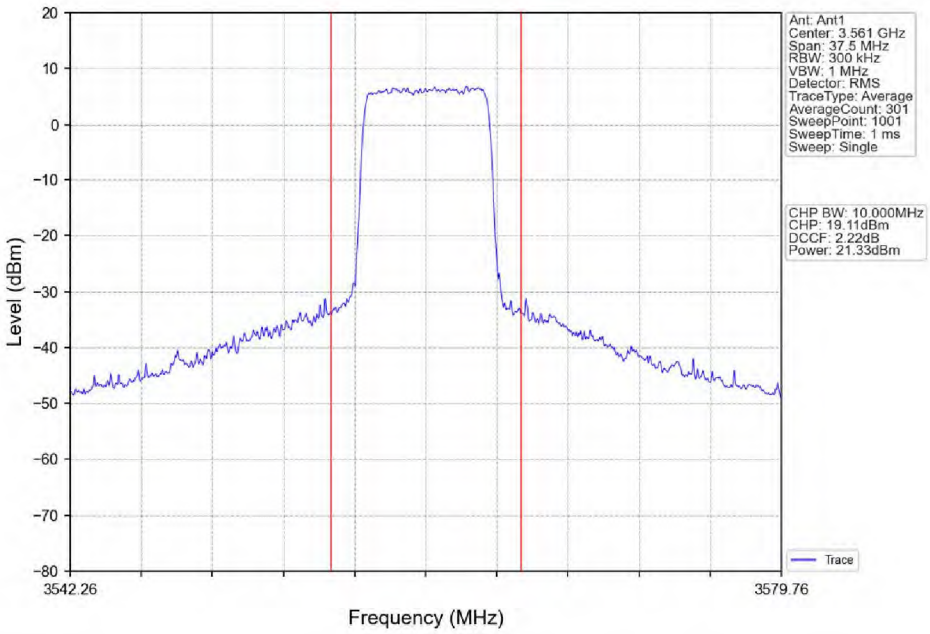
Band48_15MHz_16QAM_LCH_3557.5MHz_RB_36_0_NTNV



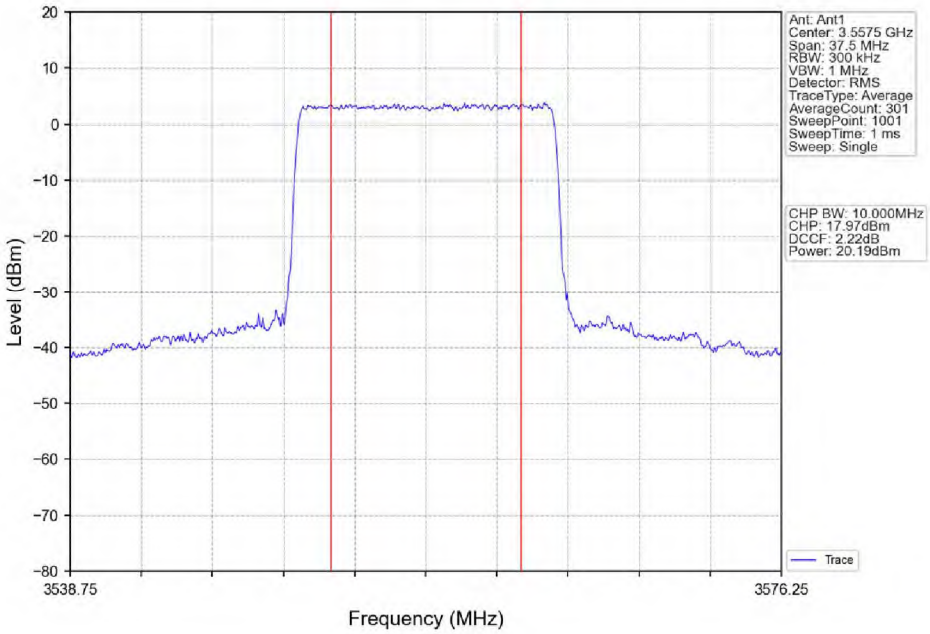

Band48_15MHz_16QAM_LCH_3557.5MHz_RB_36_18_NTNV



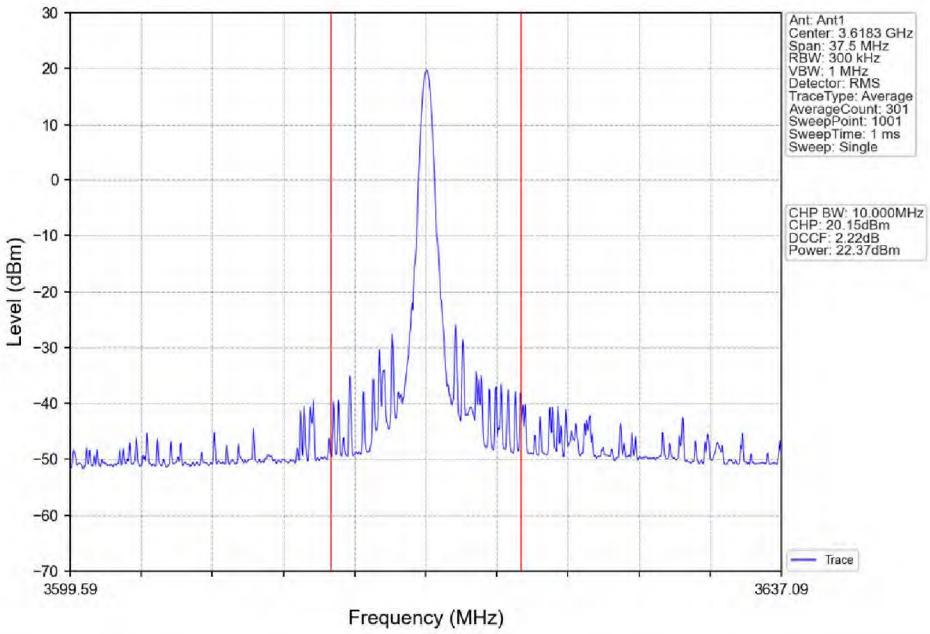
Band48_15MHz_16QAM_LCH_3557.5MHz_RB_36_39_NTNV



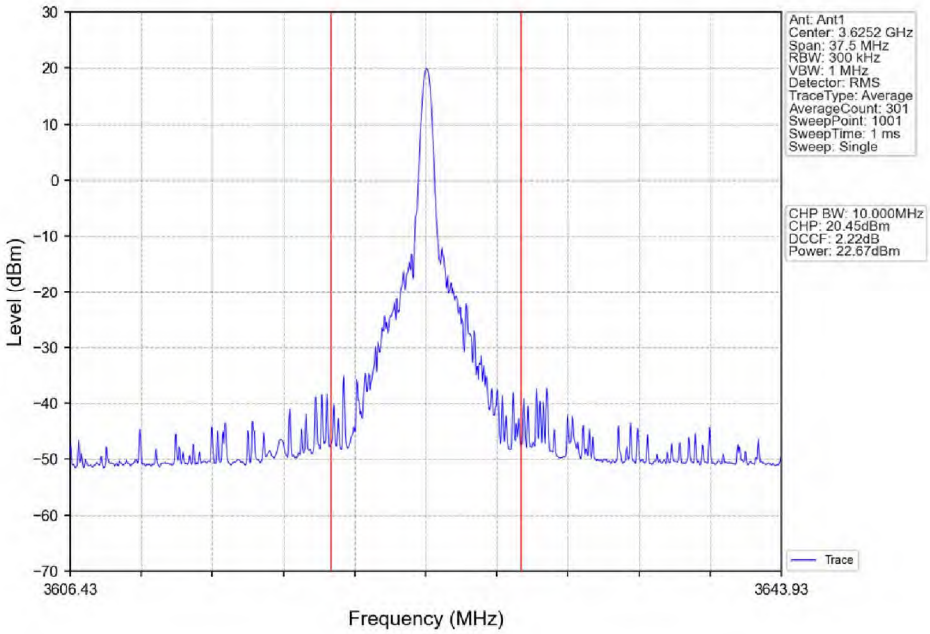

Band48_15MHz_16QAM_LCH_3557.5MHz_RB_75_0_NTNV



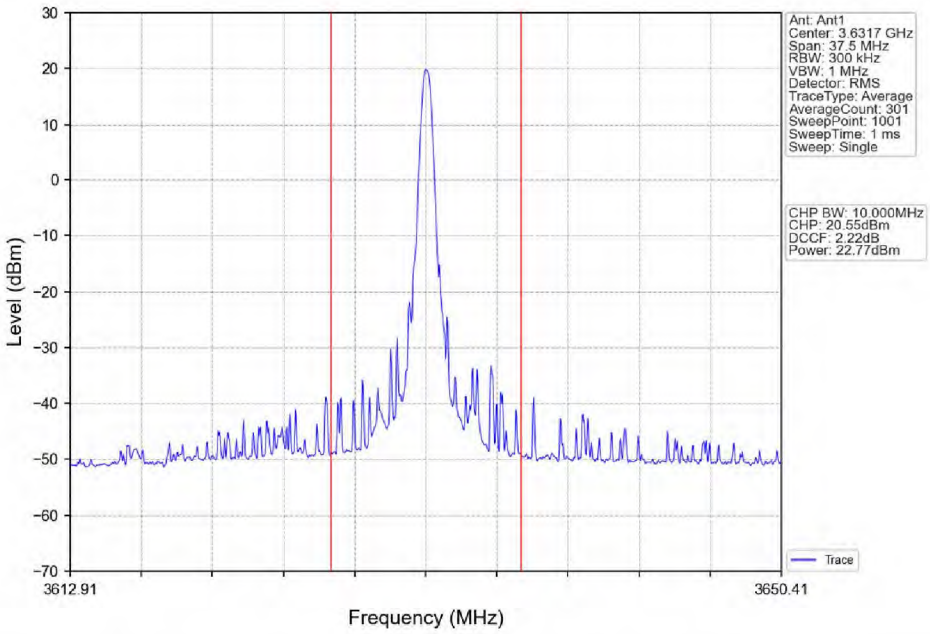
Band48_15MHz_16QAM_MCH_3625MHz_RB_1_0_NTNV



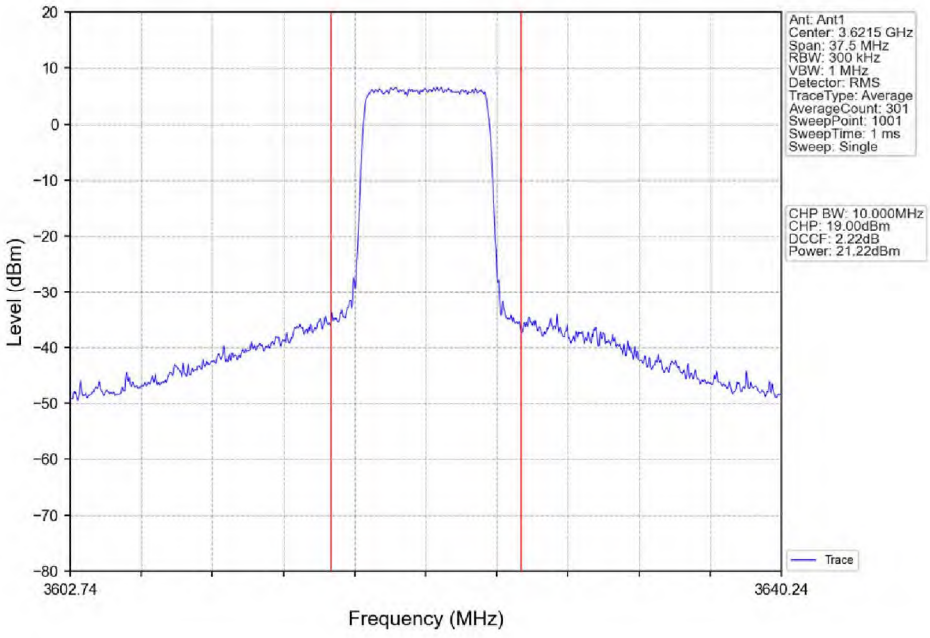

Band48_15MHz_16QAM_MCH_3625MHz_RB_1_38_NTNV



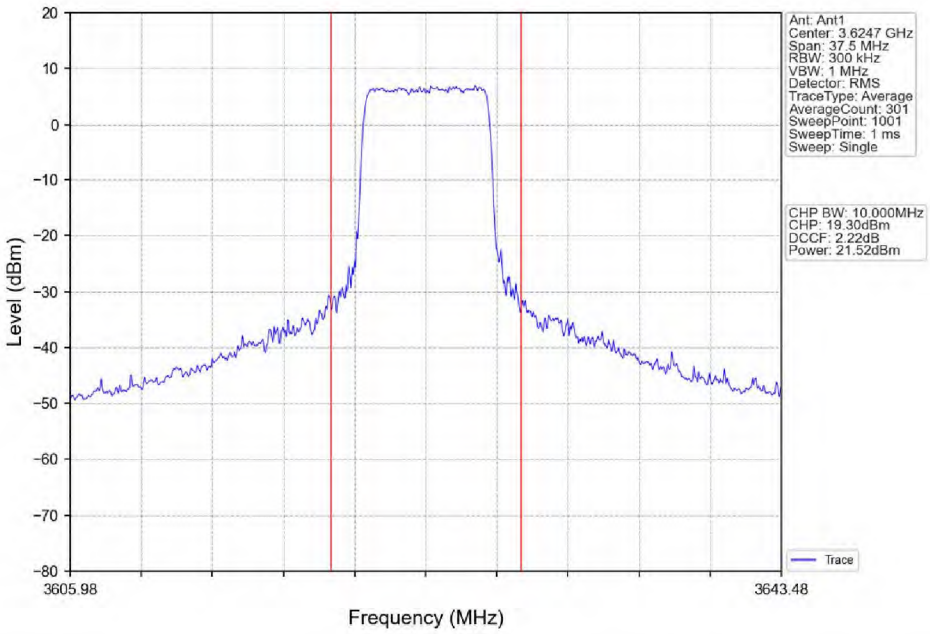
Band48_15MHz_16QAM_MCH_3625MHz_RB_1_74_NTNV



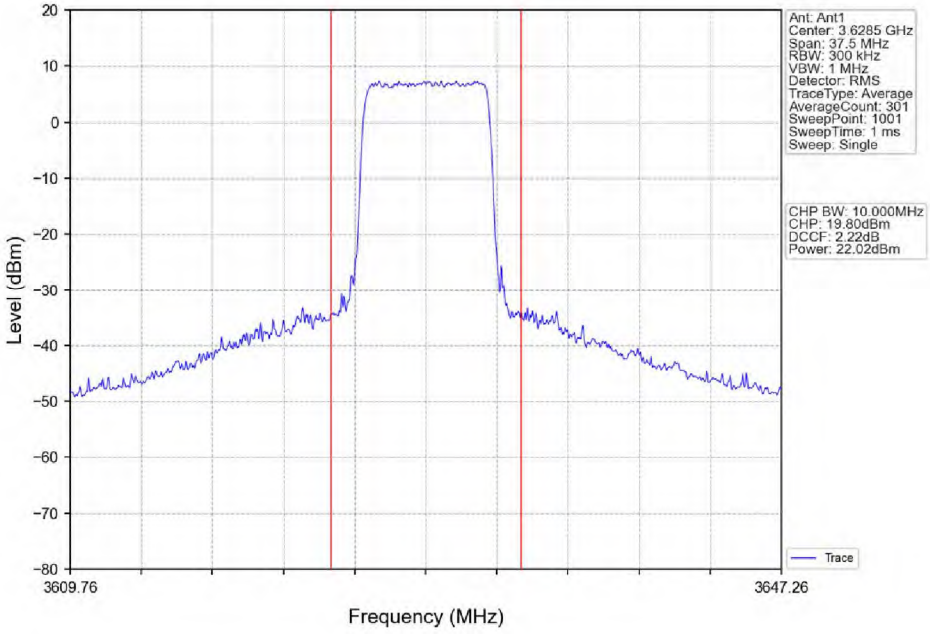

Band48_15MHz_16QAM_MCH_3625MHz_RB_36_0_NTNV



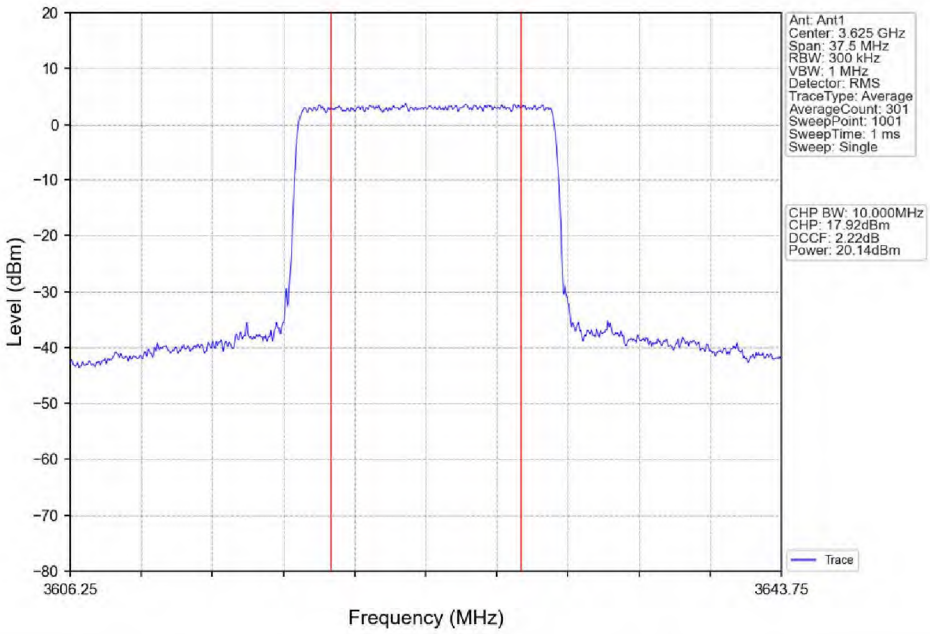
Band48_15MHz_16QAM_MCH_3625MHz_RB_36_18_NTNV



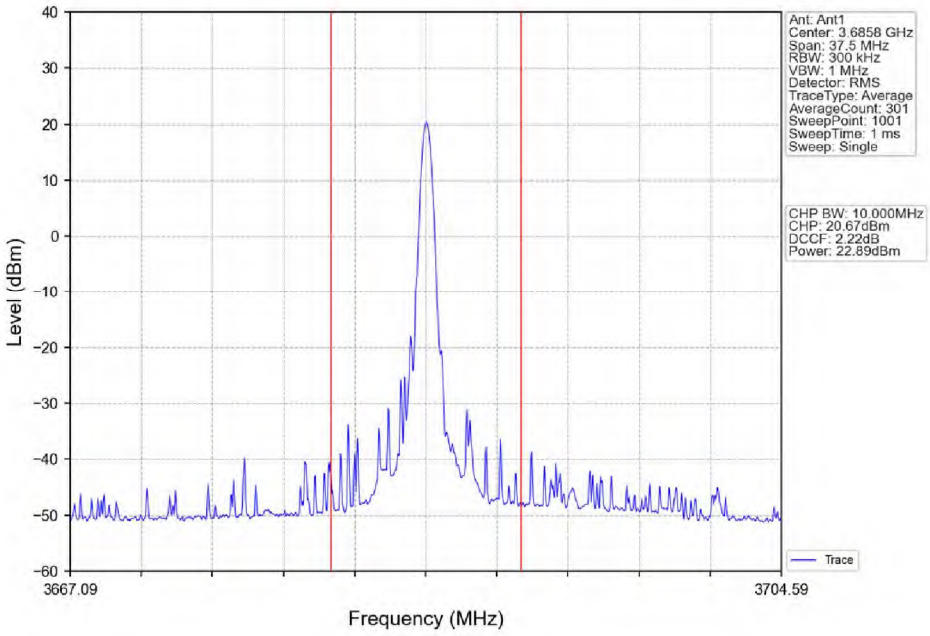

Band48_15MHz_16QAM_MCH_3625MHz_RB_36_39_NTNV



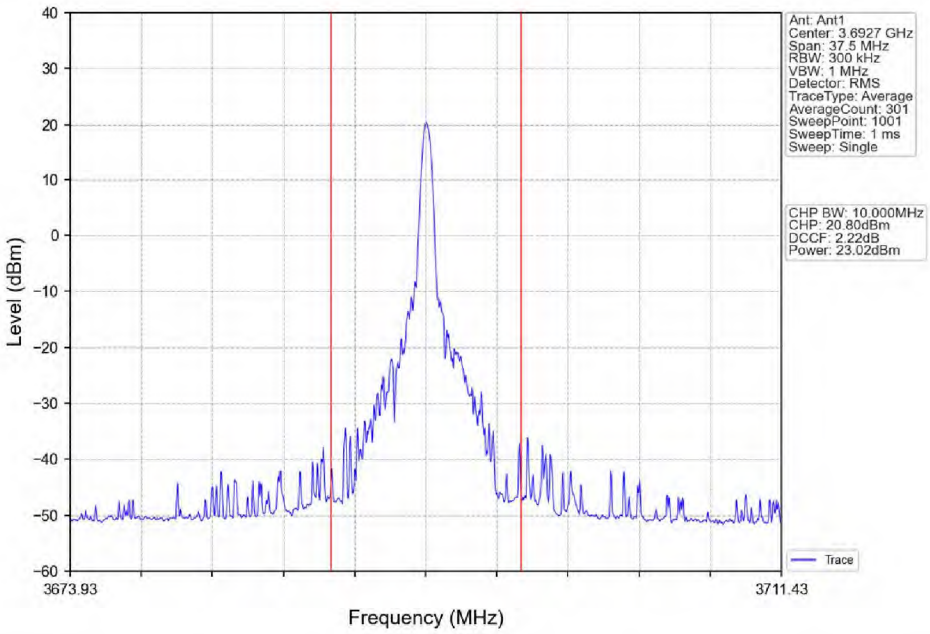
Band48_15MHz_16QAM_MCH_3625MHz_RB_75_0_NTNV



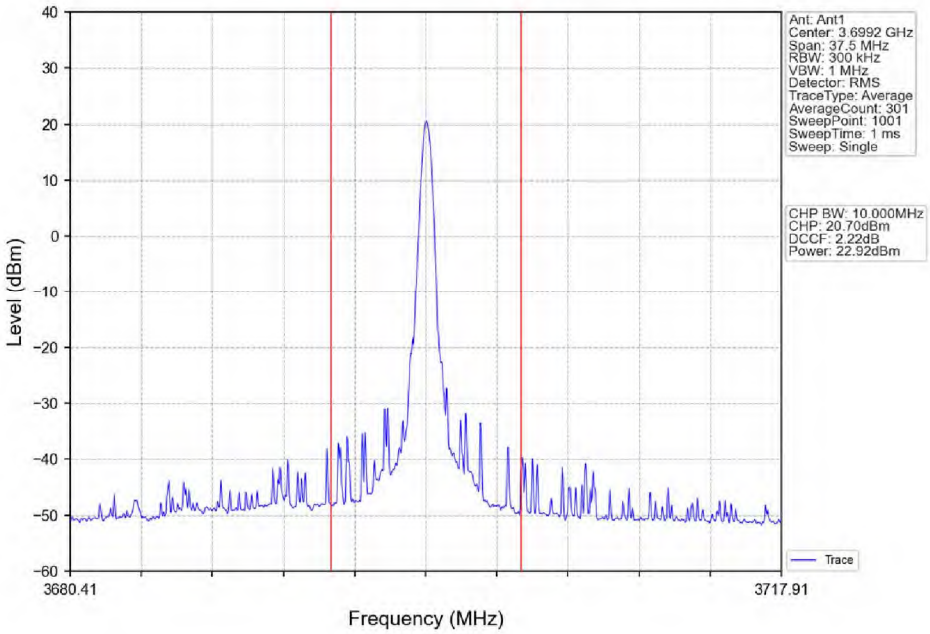

Band48_15MHz_16QAM_HCH_3692.5MHz_RB_1_0_NTNV



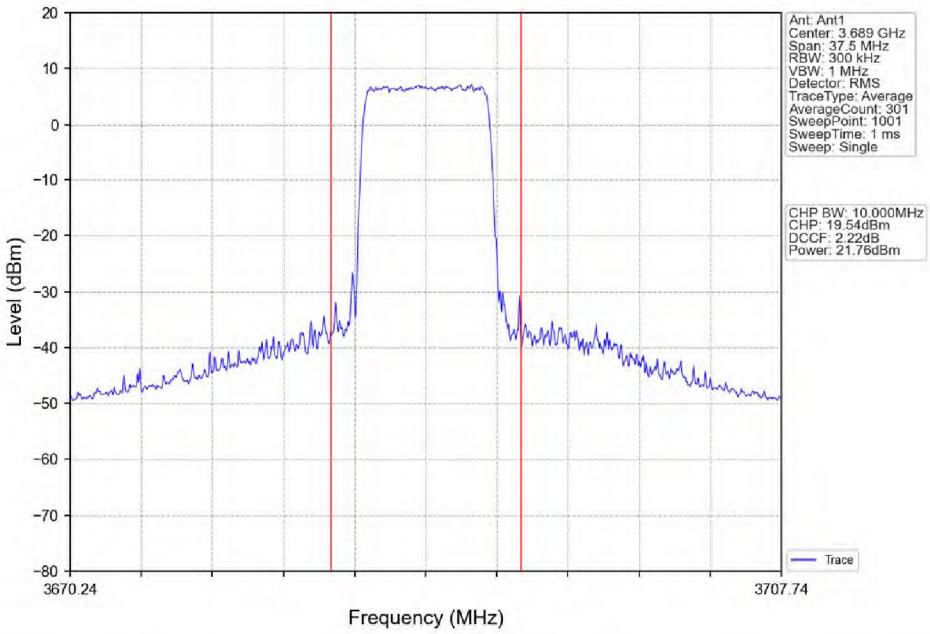
Band48_15MHz_16QAM_HCH_3692.5MHz_RB_1_38_NTNV



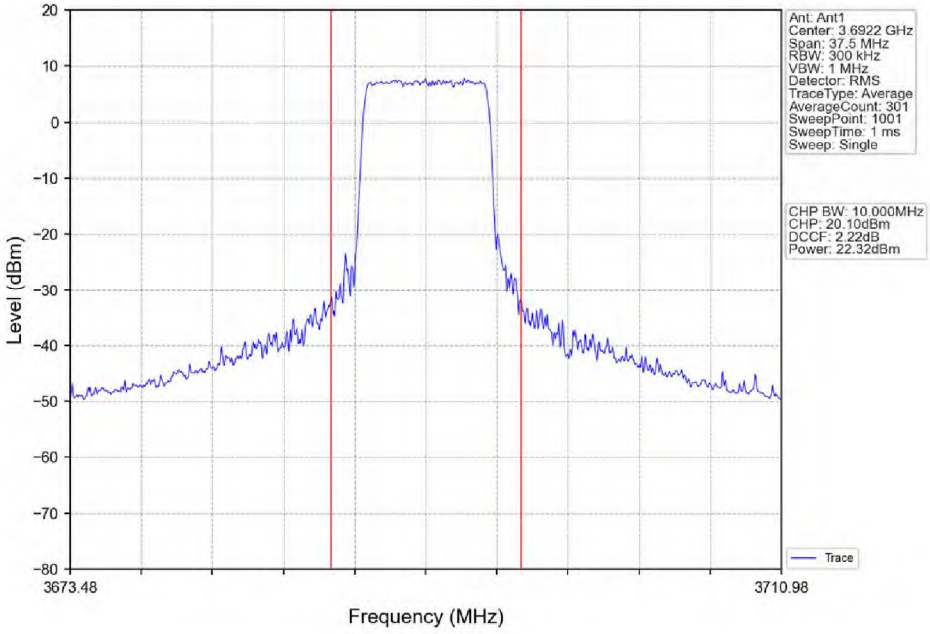

Band48_15MHz_16QAM_HCH_3692.5MHz_RB_1_74_NTNV



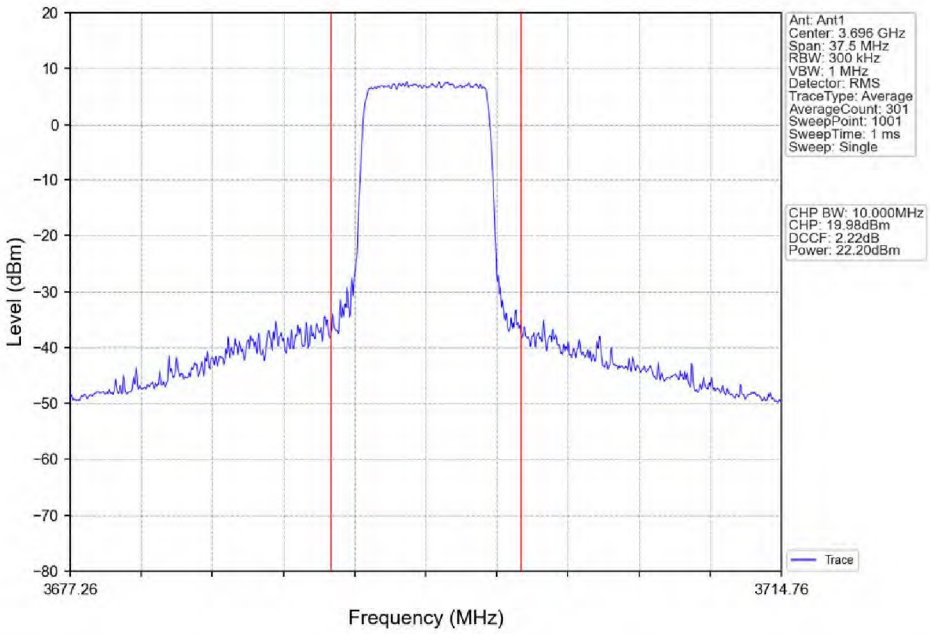
Band48_15MHz_16QAM_HCH_3692.5MHz_RB_36_0_NTNV



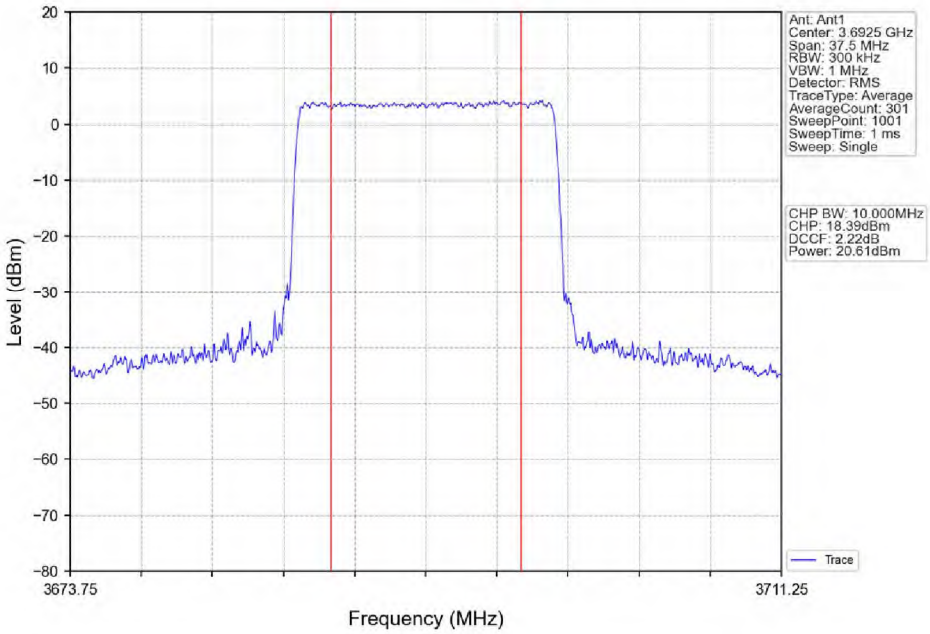

Band48_15MHz_16QAM_HCH_3692.5MHz_RB_36_18_NTNV



Band48_15MHz_16QAM_HCH_3692.5MHz_RB_36_39_NTNV




Band48_15MHz_16QAM_HCH_3692.5MHz_RB_75_0_NTNV



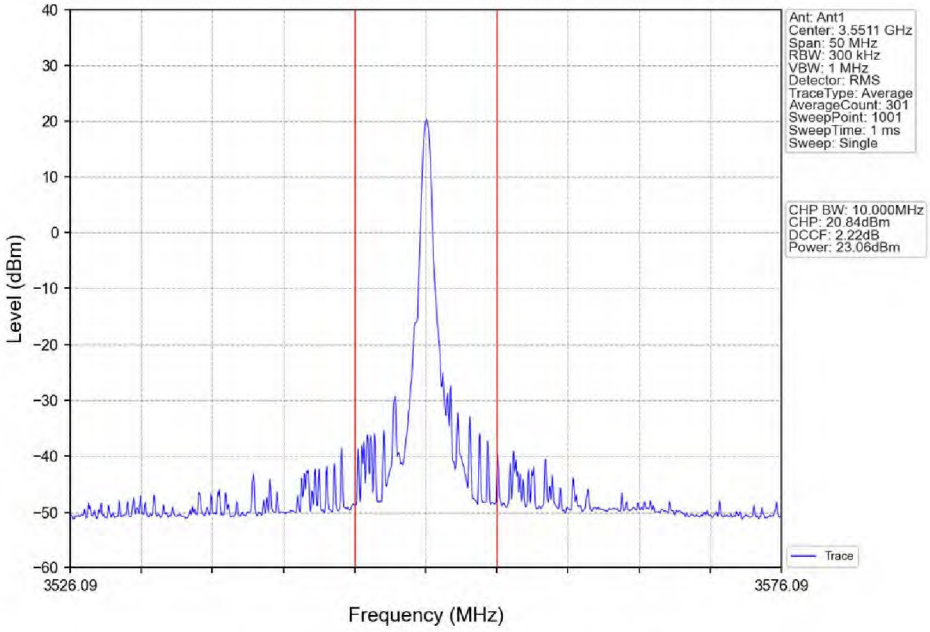
## 1.4 B48_20MHz_EIRP

### 1.4.1 Test Result

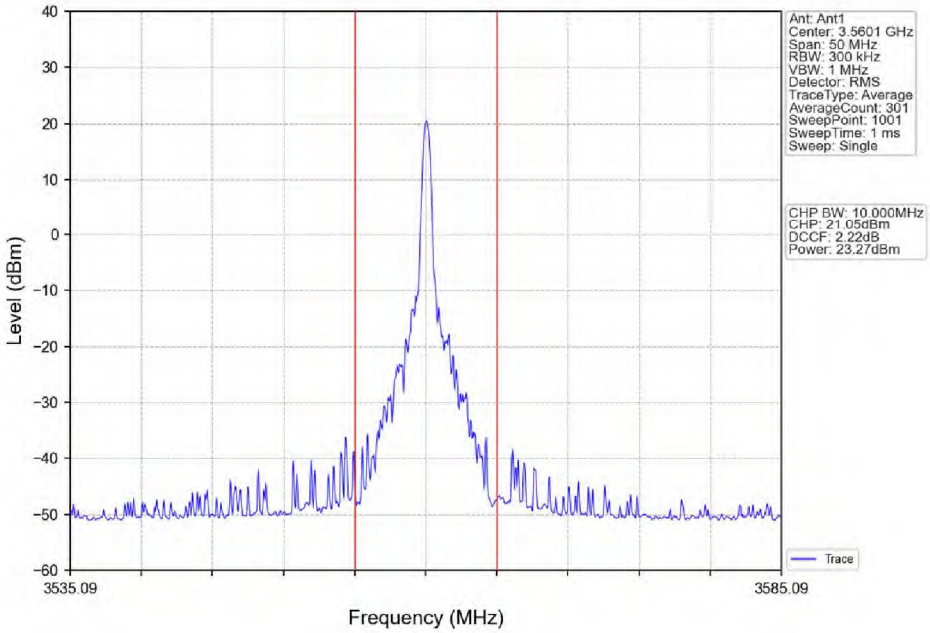
| Band: 48 / Bandwidth: 20MHz / NTNV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | | Conducted Power (dBm/10MHz) | Gain (dbi) | EIRP (dBm/10MHz) | | Verdict |
| | | Size | Offset | | | Result | Limit | |
| QPSK | 3560 | 1 | 0 | 23.06 | -6.10 | 16.96 | <=23 | Pass |
| | | | 50 | 23.27 | -6.10 | 17.17 | <=23 | Pass |
| | | | 99 | 23.37 | -6.10 | 17.27 | <=23 | Pass |
| | | 50 | 0 | 22.19 | -6.10 | 16.09 | <=23 | Pass |
| | | | 25 | 22.47 | -6.10 | 16.37 | <=23 | Pass |
| | | | 50 | 22.08 | -6.10 | 15.98 | <=23 | Pass |
| | | 100 | 0 | 19.55 | -6.10 | 13.45 | <=23 | Pass |
| | 3625 | 1 | 0 | 21.30 | -6.10 | 15.20 | <=23 | Pass |
| | | | 50 | 21.38 | -6.10 | 15.28 | <=23 | Pass |
| | | | 99 | 21.26 | -6.10 | 15.16 | <=23 | Pass |
| | | 50 | 0 | 20.20 | -6.10 | 14.10 | <=23 | Pass |
| | | | 25 | 20.13 | -6.10 | 14.03 | <=23 | Pass |
| | | | 50 | 20.58 | -6.10 | 14.48 | <=23 | Pass |
| | | 100 | 0 | 17.74 | -6.10 | 11.64 | <=23 | Pass |
| | 3690 | 1 | 0 | 21.55 | -6.10 | 15.45 | <=23 | Pass |
| | | | 50 | 21.90 | -6.10 | 15.80 | <=23 | Pass |
| | | | 99 | 22.02 | -6.10 | 15.92 | <=23 | Pass |
| | | 50 | 0 | 20.17 | -6.10 | 14.07 | <=23 | Pass |
| | | | 25 | 20.89 | -6.10 | 14.79 | <=23 | Pass |
| | | | 50 | 20.79 | -6.10 | 14.69 | <=23 | Pass |
| | | 100 | 0 | 17.93 | -6.10 | 11.83 | <=23 | Pass |
| 16QAM | 3560 | 1 | 0 | 22.16 | -6.10 | 16.06 | <=23 | Pass |
| | | | 50 | 22.37 | -6.10 | 16.27 | <=23 | Pass |
| | | | 99 | 22.44 | -6.10 | 16.34 | <=23 | Pass |
| | | 50 | 0 | 20.89 | -6.10 | 14.79 | <=23 | Pass |
| | | | 25 | 21.31 | -6.10 | 15.21 | <=23 | Pass |
| | | | 50 | 21.30 | -6.10 | 15.20 | <=23 | Pass |
| | | 100 | 0 | 19.04 | -6.10 | 12.94 | <=23 | Pass |
| | 3625 | 1 | 0 | 20.42 | -6.10 | 14.32 | <=23 | Pass |
| | | | 50 | 20.67 | -6.10 | 14.57 | <=23 | Pass |
| | | | 99 | 20.68 | -6.10 | 14.58 | <=23 | Pass |
| | | 50 | 0 | 18.61 | -6.10 | 12.51 | <=23 | Pass |
| | | | 25 | 19.32 | -6.10 | 13.22 | <=23 | Pass |
| | | | 50 | 19.66 | -6.10 | 13.56 | <=23 | Pass |
| | | 100 | 0 | 16.81 | -6.10 | 10.71 | <=23 | Pass |
| | 3690 | 1 | 0 | 22.99 | -6.10 | 16.89 | <=23 | Pass |
| | | | 50 | 23.42 | -6.10 | 17.32 | <=23 | Pass |
| | | | 99 | 22.48 | -6.10 | 16.38 | <=23 | Pass |
| | | 50 | 0 | 22.15 | -6.10 | 16.05 | <=23 | Pass |
| | | | 25 | 21.84 | -6.10 | 15.74 | <=23 | Pass |
| | | | 50 | 22.26 | -6.10 | 16.16 | <=23 | Pass |
| | | 100 | 0 | 19.68 | -6.10 | 13.58 | <=23 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain | | | | | | | | |

## 1.4.2 Test Graph

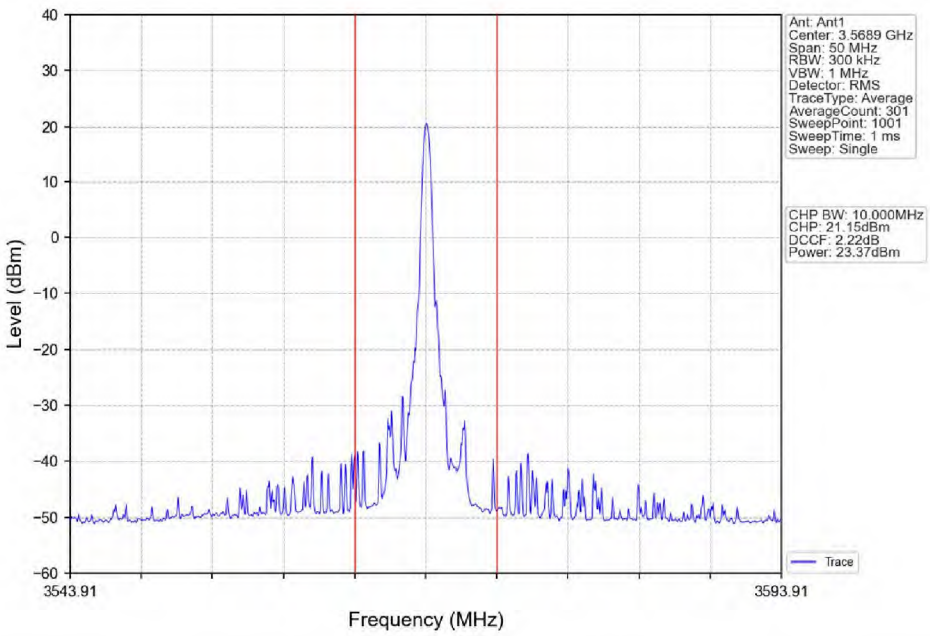
Band48_20MHz_QPSK_LCH_3560MHz_RB_1_0_NTNV



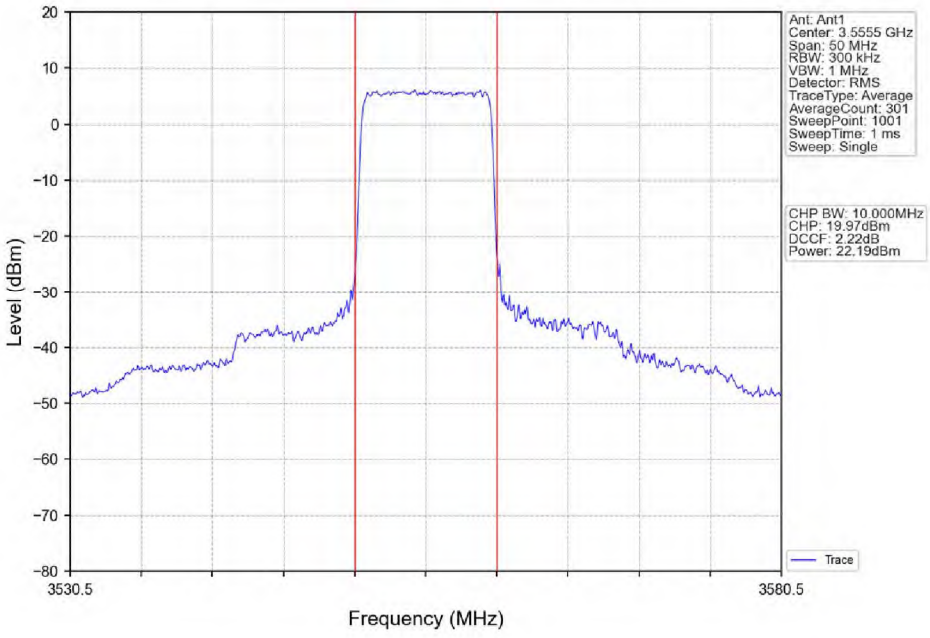

Band48_20MHz_QPSK_LCH_3560MHz_RB_1_50_NTNV



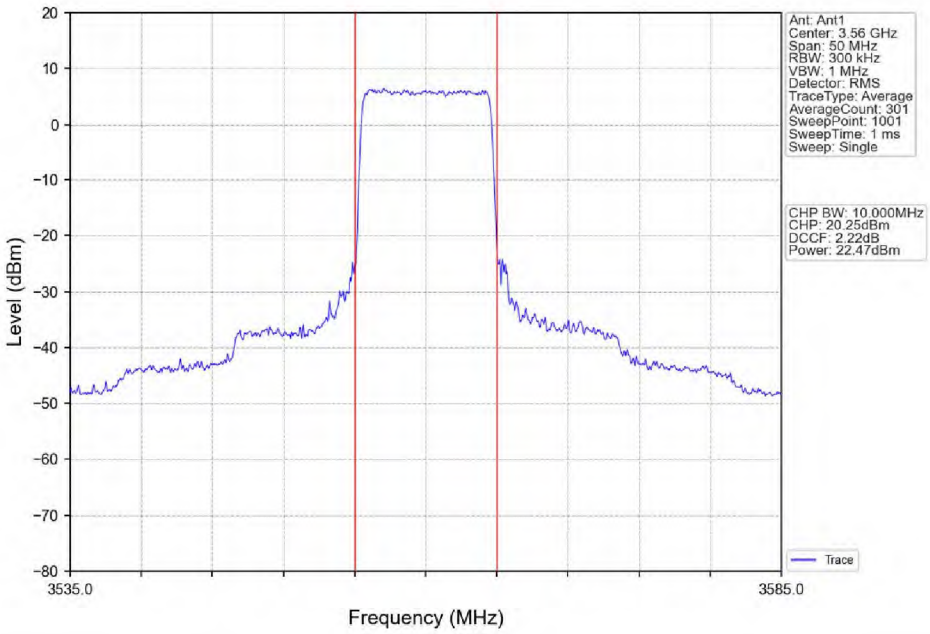
Band48_20MHz_QPSK_LCH_3560MHz_RB_1_99_NTNV



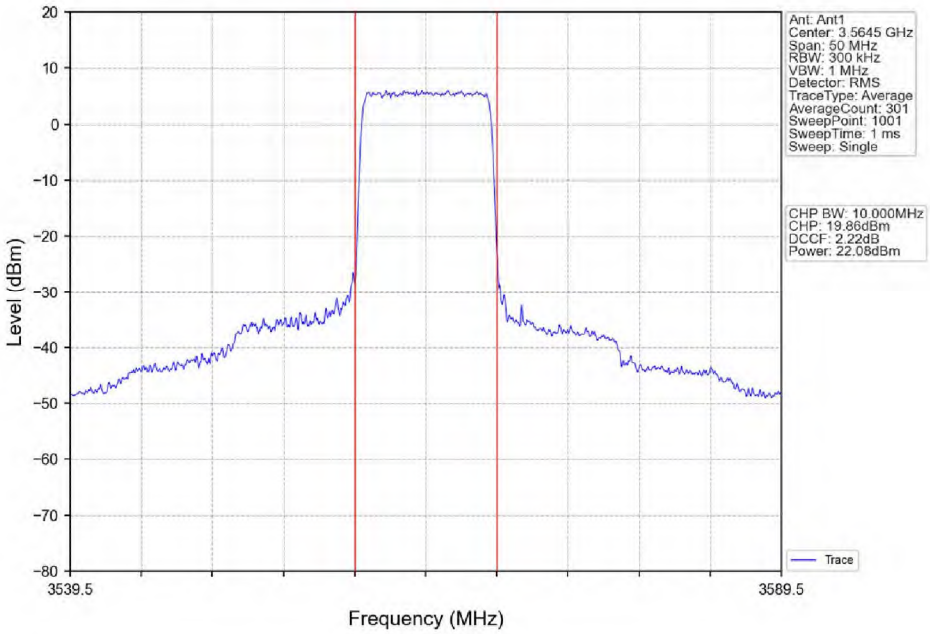

Band48_20MHz_QPSK_LCH_3560MHz_RB_50_0_NTNV



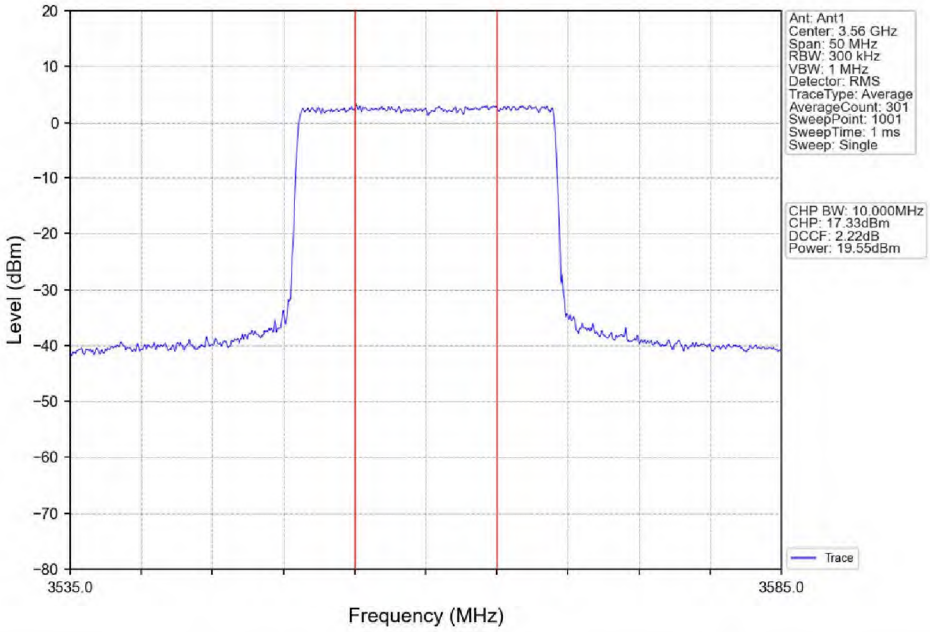
Band48_20MHz_QPSK_LCH_3560MHz_RB_50_25_NTNV



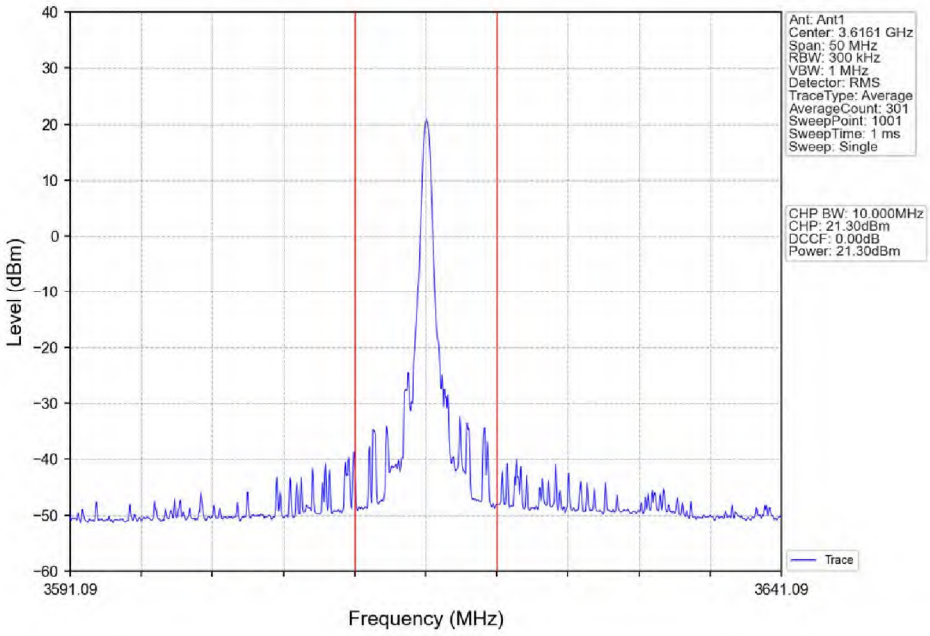

Band48_20MHz_QPSK_LCH_3560MHz_RB_50_50_NTNV



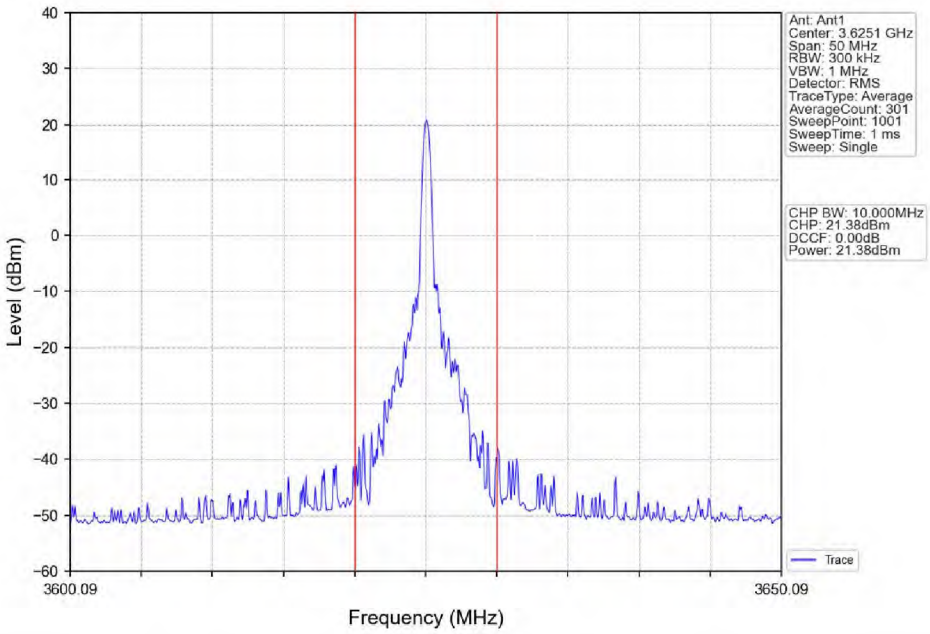
Band48_20MHz_QPSK_LCH_3560MHz_RB_100_0_NTNV



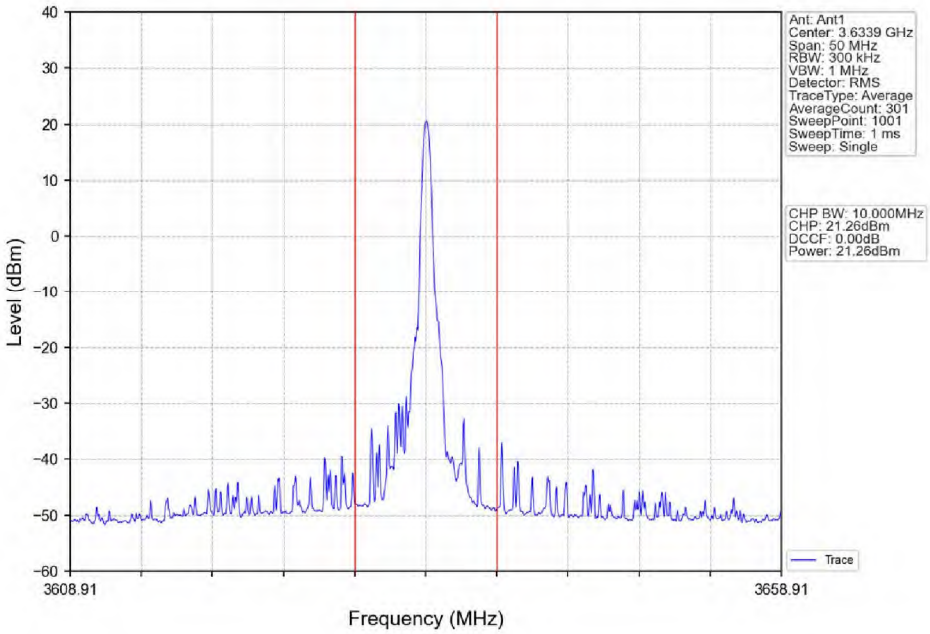

Band48_20MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV



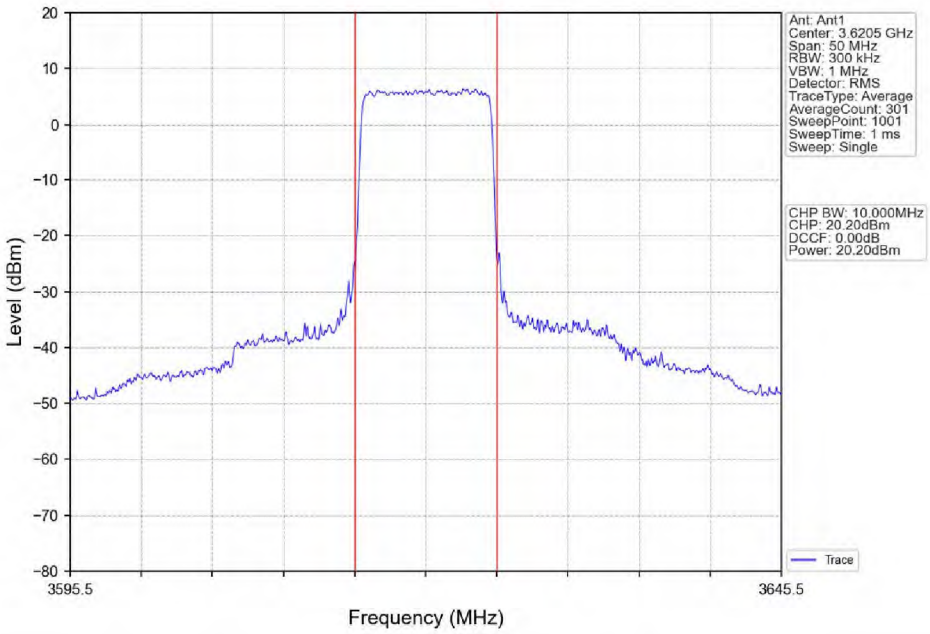
Band48_20MHz_QPSK_MCH_3625MHz_RB_1_50_NTNV



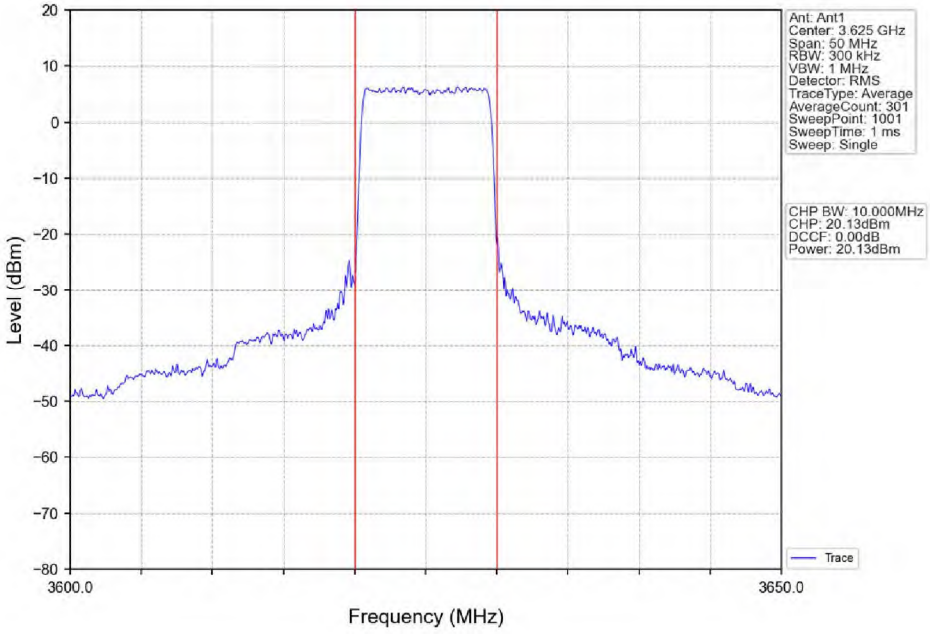

Band48_20MHz_QPSK_MCH_3625MHz_RB_1_99_NTNV



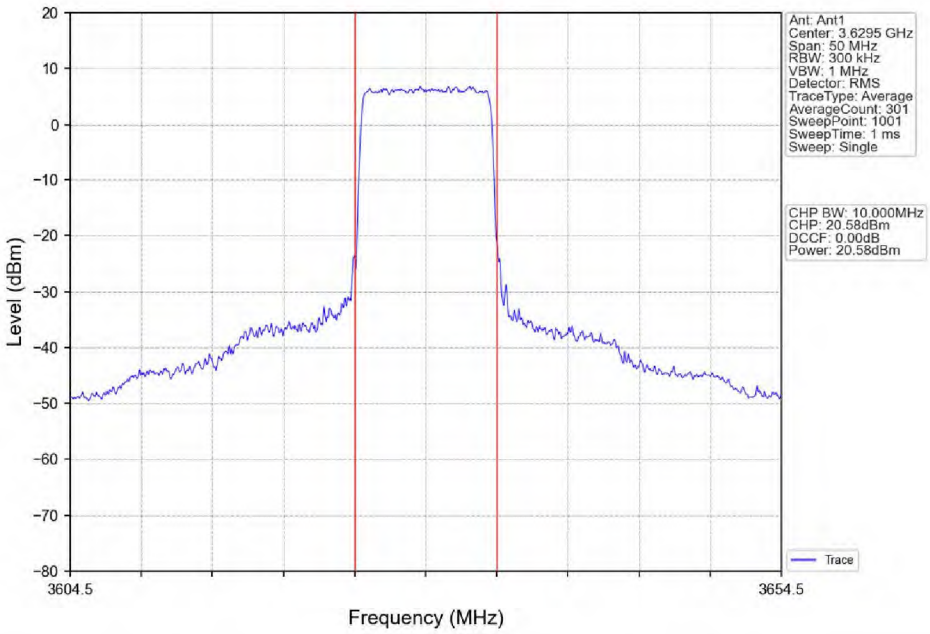
Band48_20MHz_QPSK_MCH_3625MHz_RB_50_0_NTNV



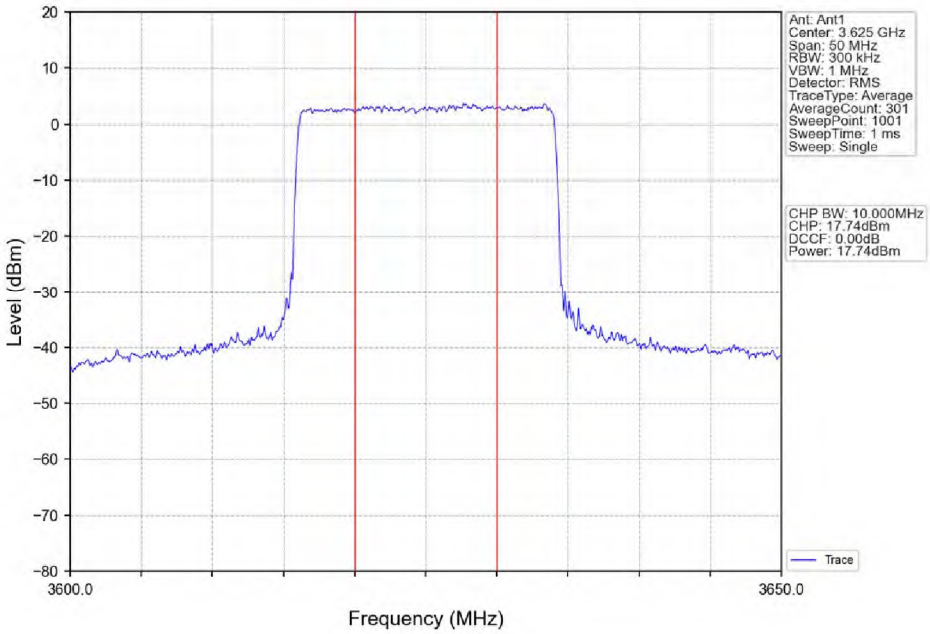

Band48_20MHz_QPSK_MCH_3625MHz_RB_50_25_NTNV



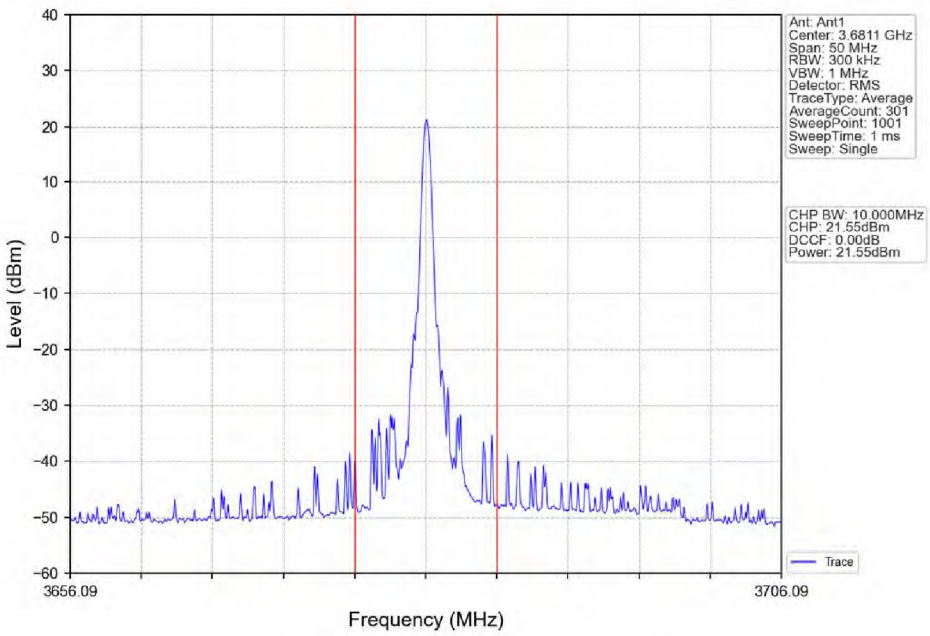
Band48_20MHz_QPSK_MCH_3625MHz_RB_50_50_NTNV



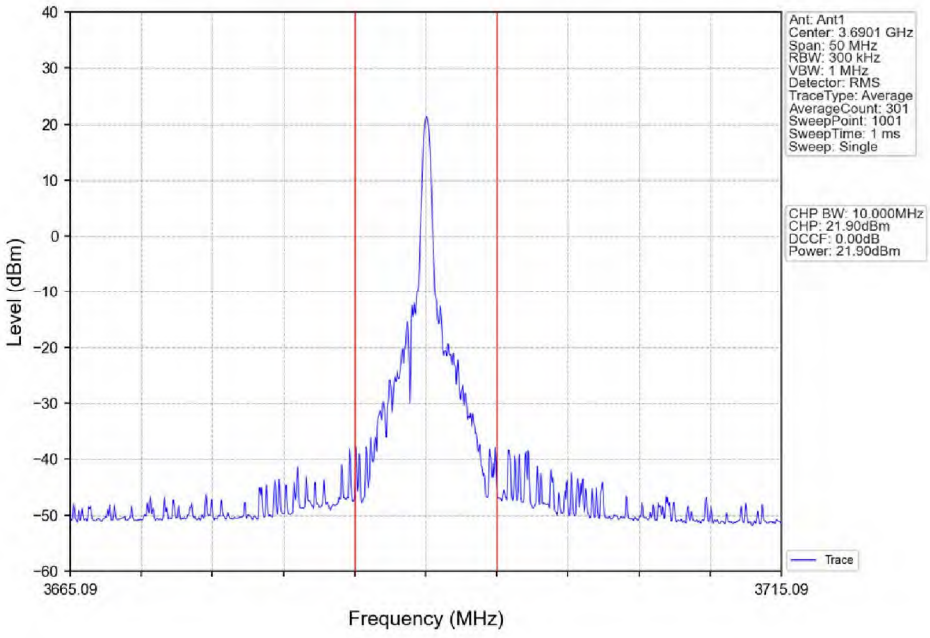

Band48_20MHz_QPSK_MCH_3625MHz_RB_100_0_NTNV



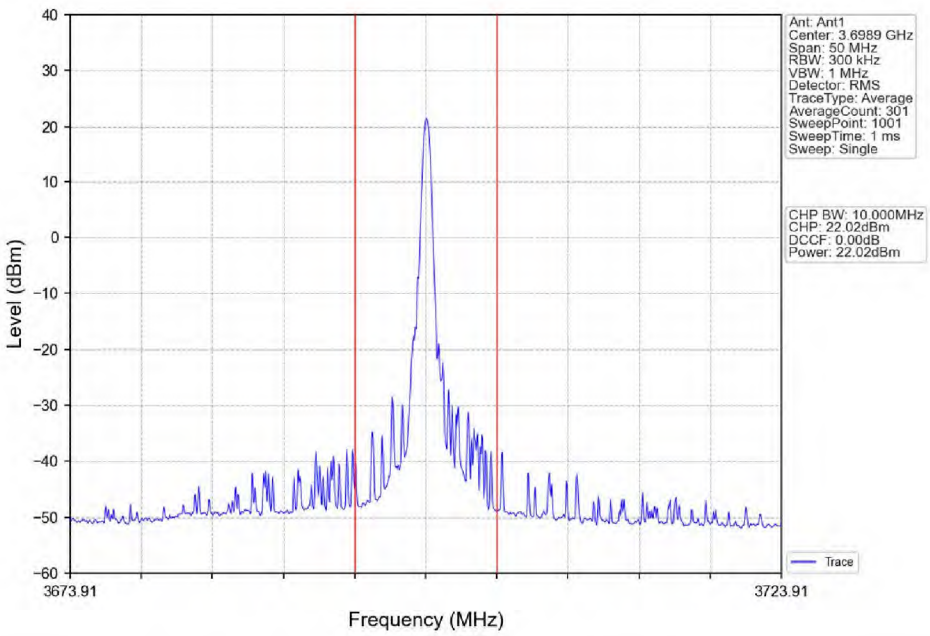
Band48_20MHz_QPSK_HCH_3690MHz_RB_1_0_NTNV



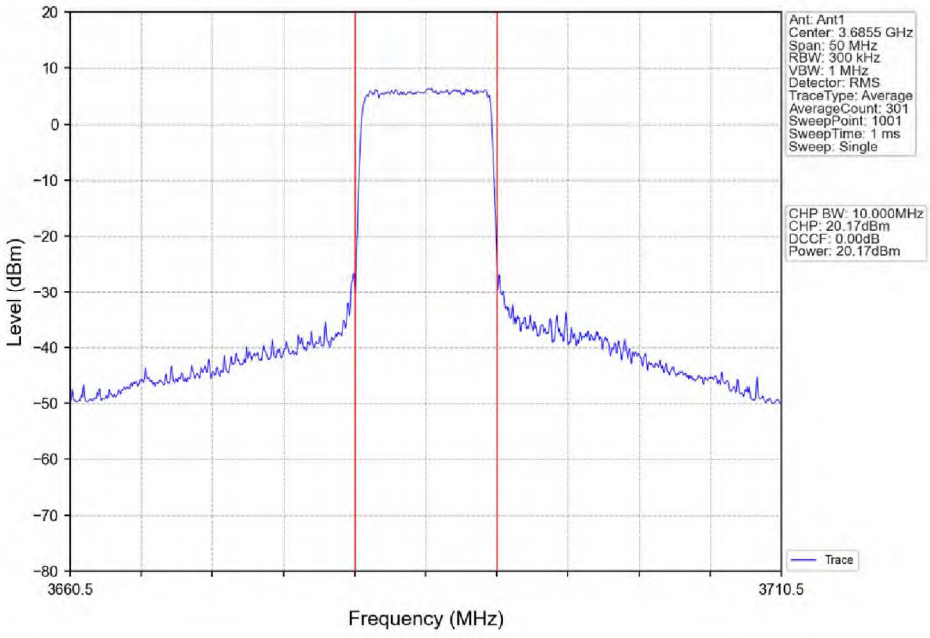

Band48_20MHz_QPSK_HCH_3690MHz_RB_1_50_NTNV



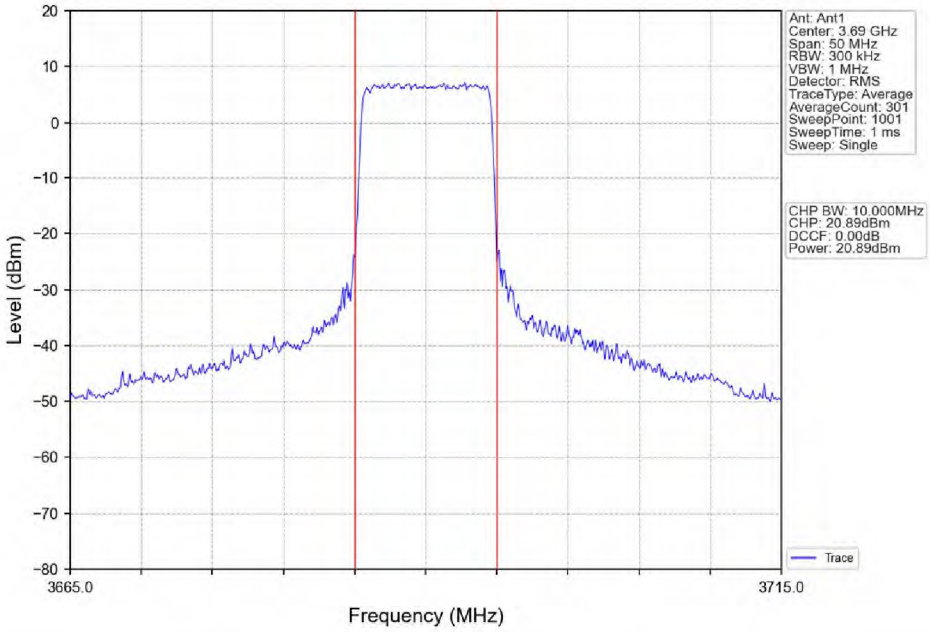
Band48_20MHz_QPSK_HCH_3690MHz_RB_1_99_NTNV



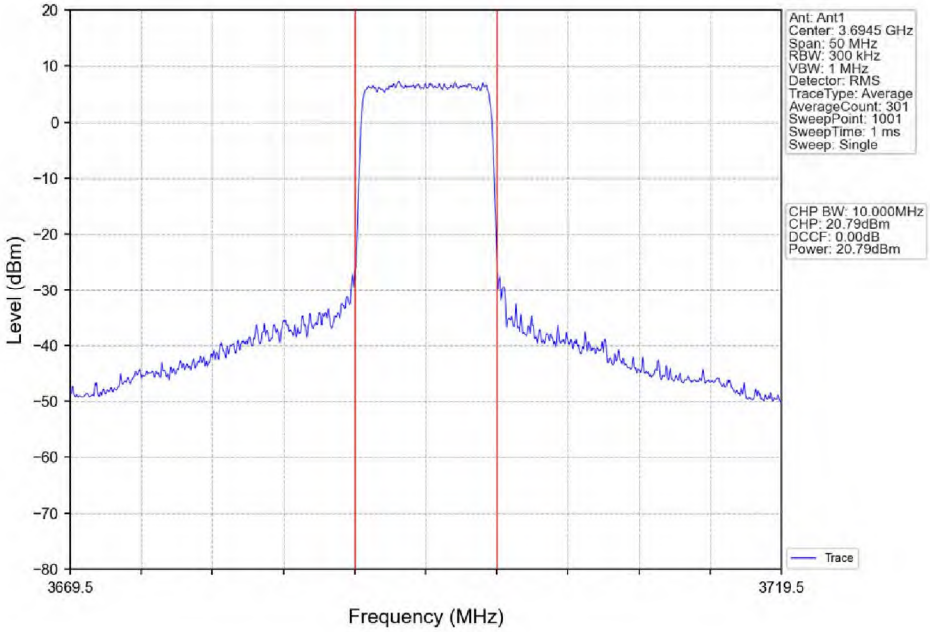

Band48_20MHz_QPSK_HCH_3690MHz_RB_50_0_NTNV



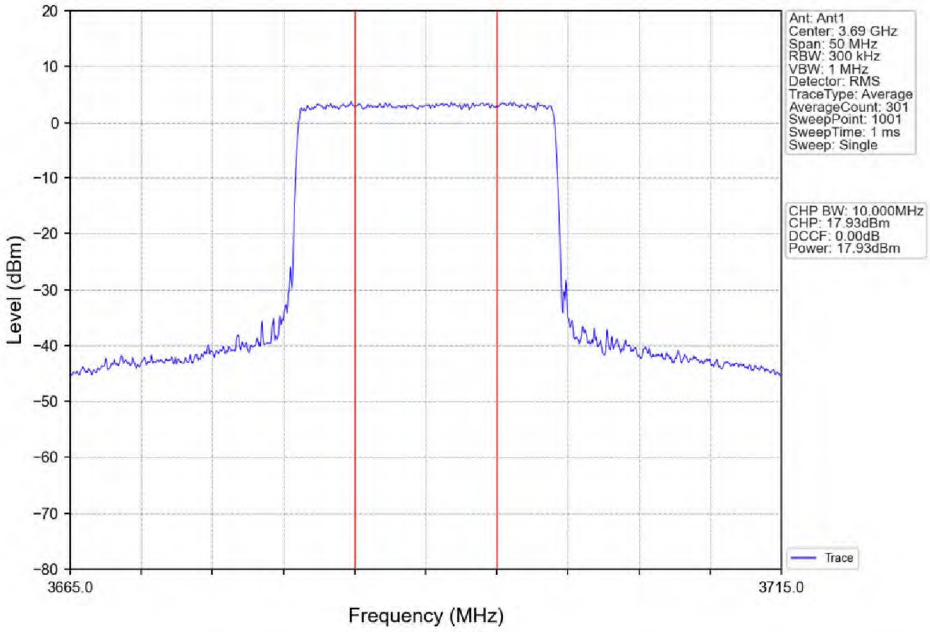
Band48_20MHz_QPSK_HCH_3690MHz_RB_50_25_NTNV



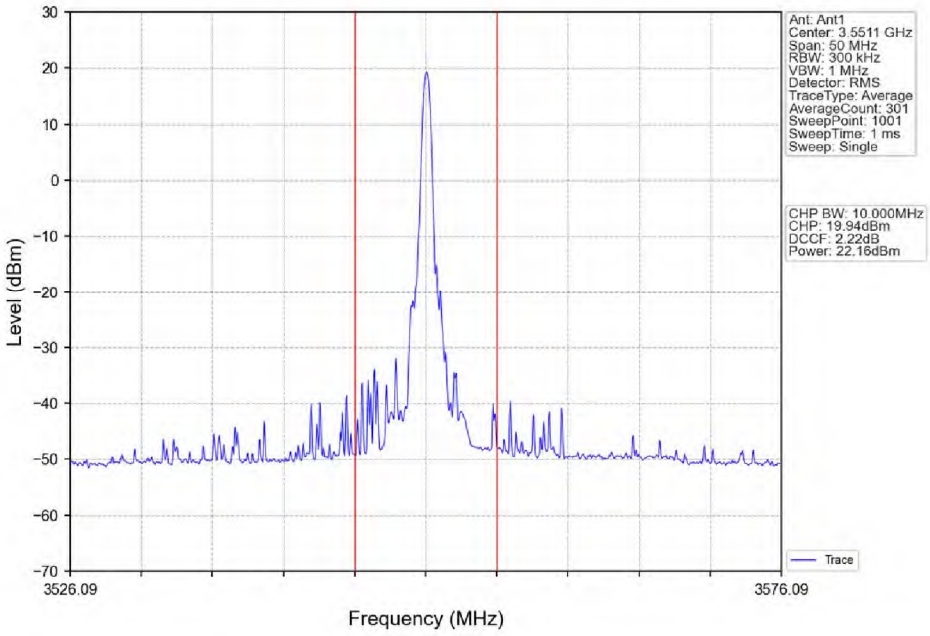

Band48_20MHz_QPSK_HCH_3690MHz_RB_50_50_NTNV



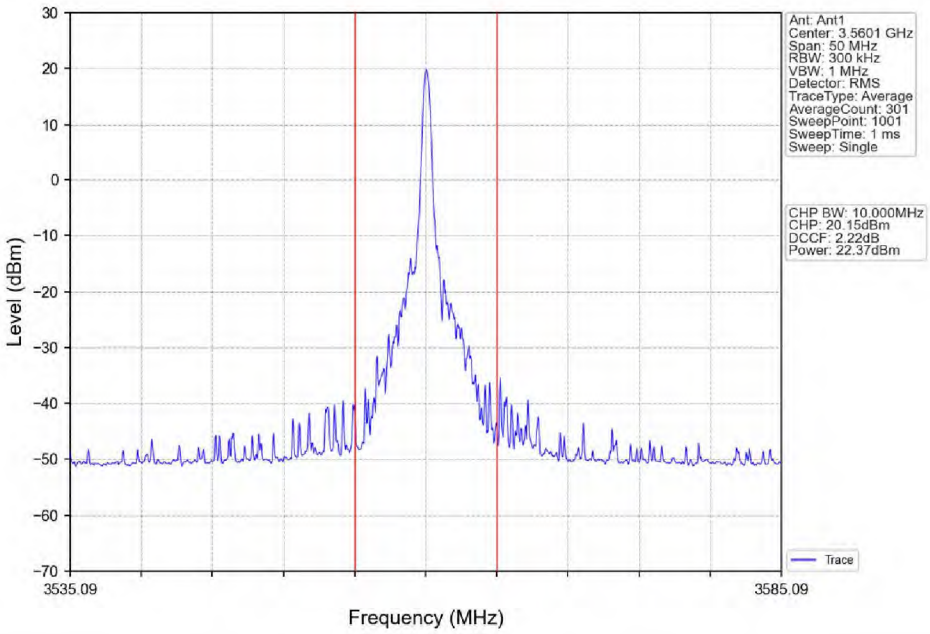
Band48_20MHz_QPSK_HCH_3690MHz_RB_100_0_NTNV



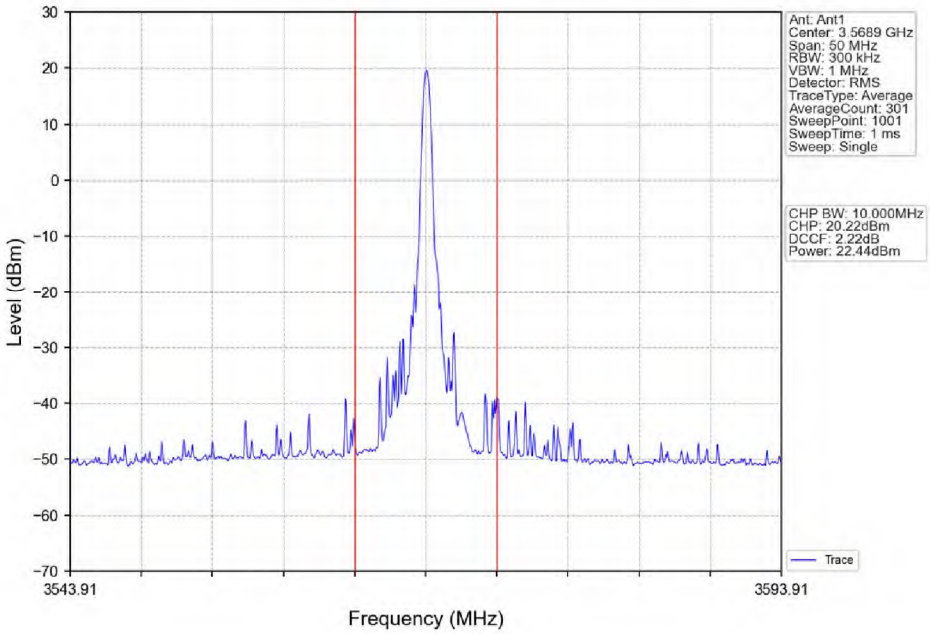

Band48_20MHz_16QAM_LCH_3560MHz_RB_1_0_NTNV



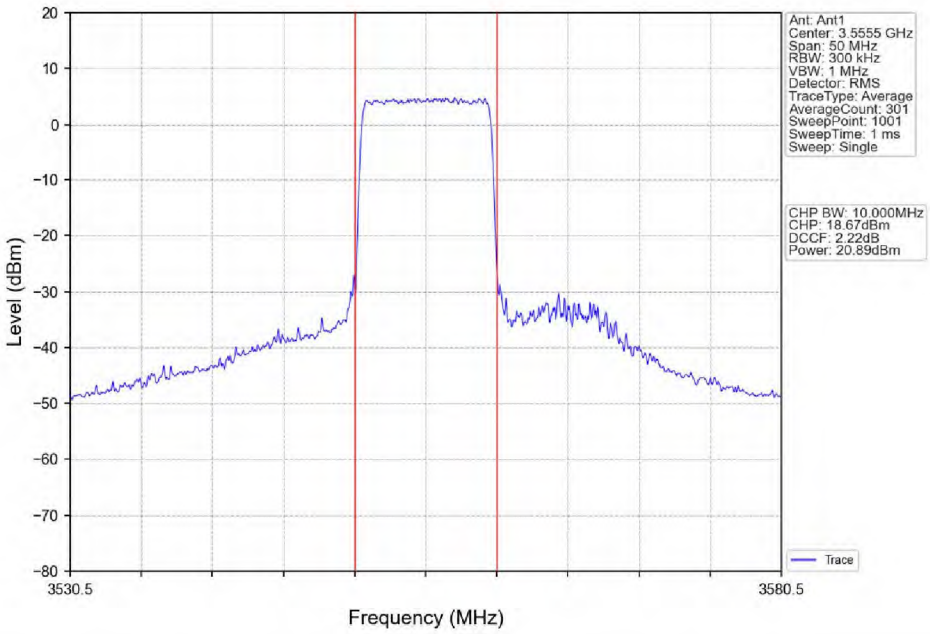
Band48_20MHz_16QAM_LCH_3560MHz_RB_1_50_NTNV



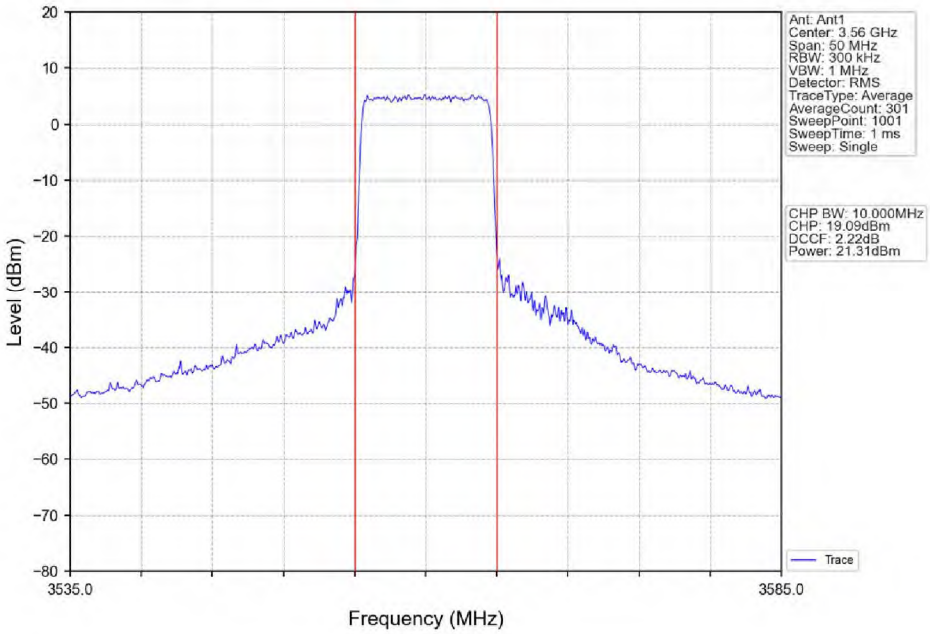

Band48_20MHz_16QAM_LCH_3560MHz_RB_1_99_NTNV



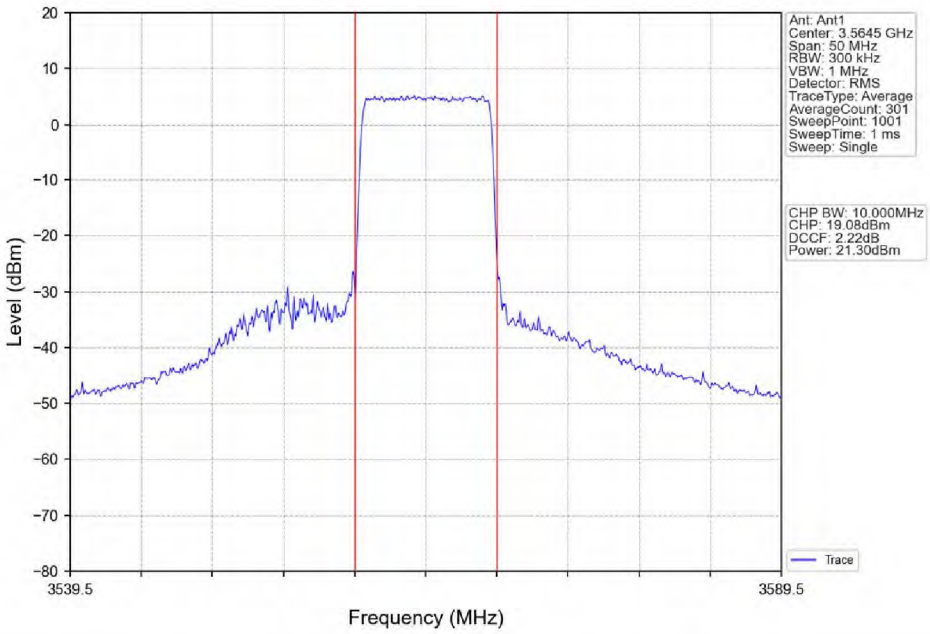
Band48_20MHz_16QAM_LCH_3560MHz_RB_50_0_NTNV



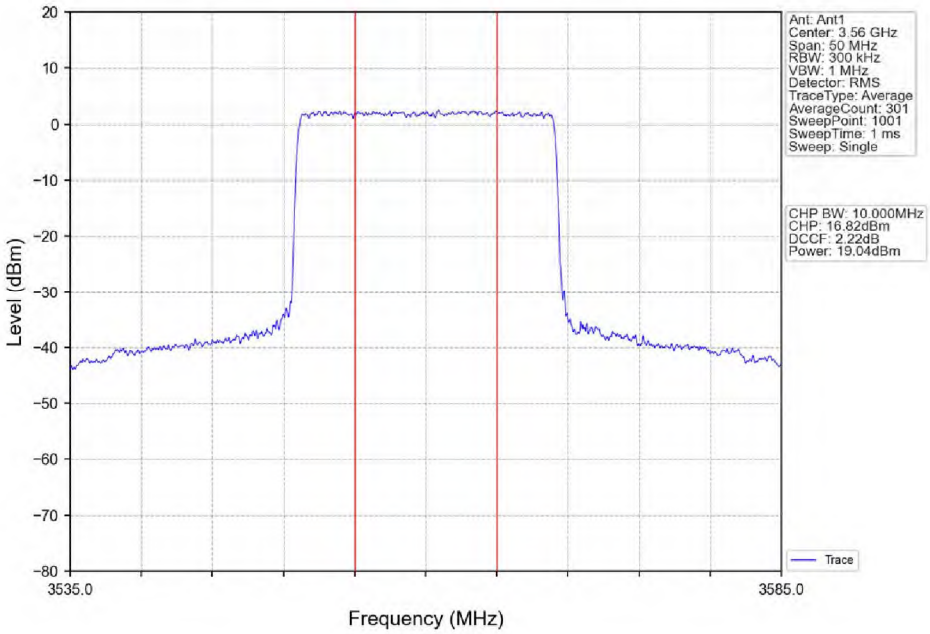

Band48_20MHz_16QAM_LCH_3560MHz_RB_50_25_NTNV



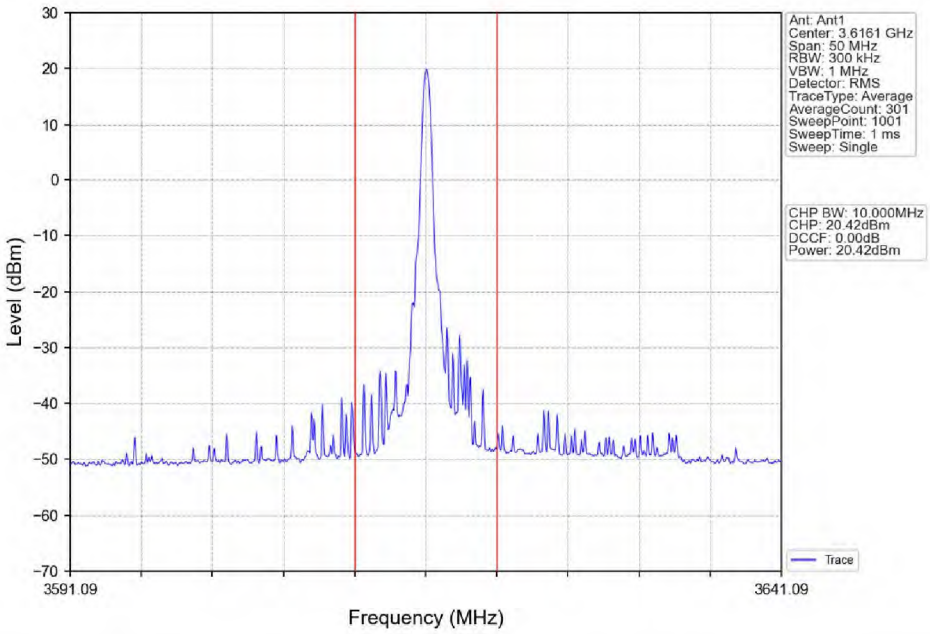
Band48_20MHz_16QAM_LCH_3560MHz_RB_50_50_NTNV



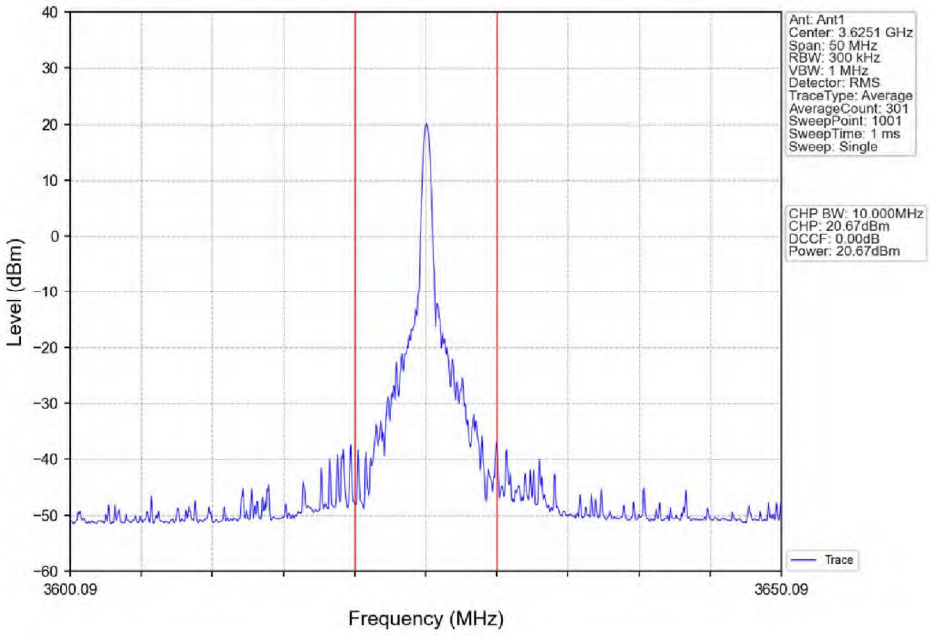

Band48_20MHz_16QAM_LCH_3560MHz_RB_100_0_NTNV



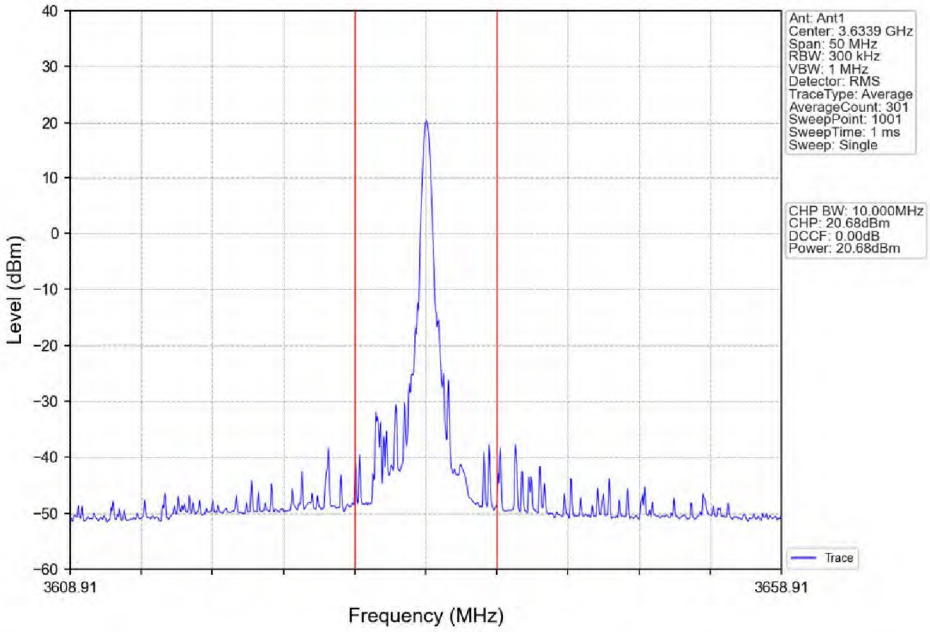
Band48_20MHz_16QAM_MCH_3625MHz_RB_1_0_NTNV



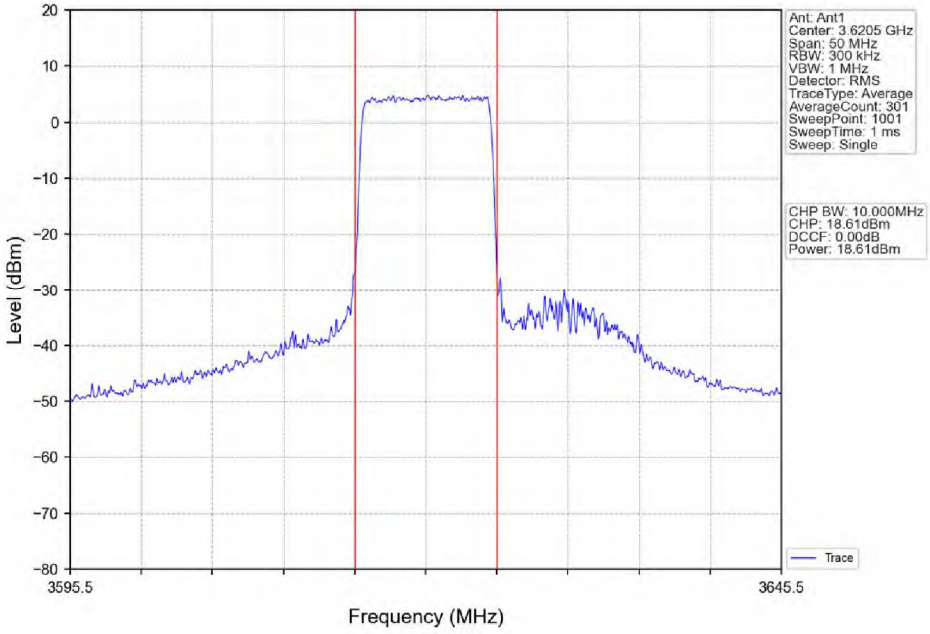

Band48_20MHz_16QAM_MCH_3625MHz_RB_1_50_NTNV



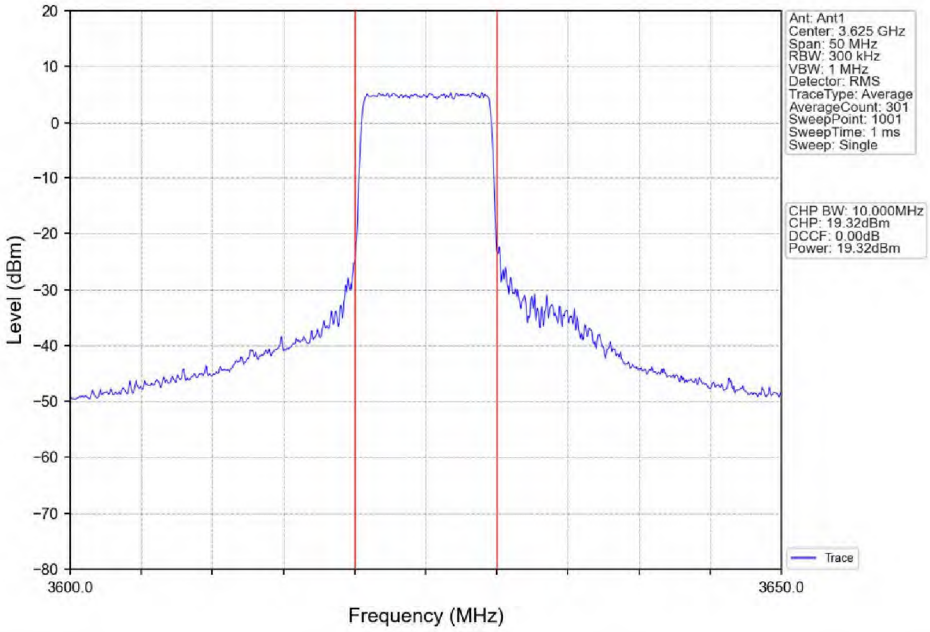
Band48_20MHz_16QAM_MCH_3625MHz_RB_1_99_NTNV



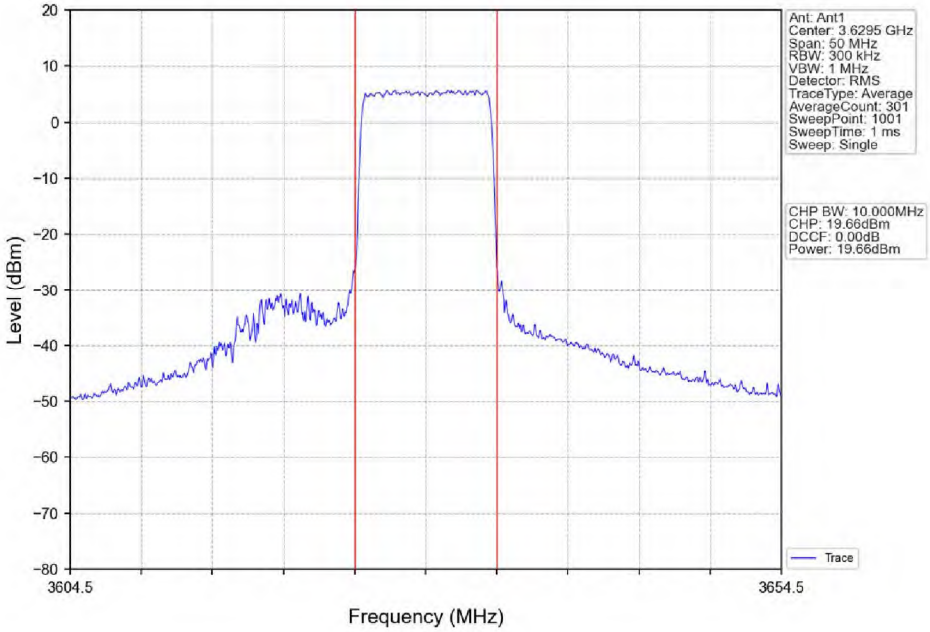

Band48_20MHz_16QAM_MCH_3625MHz_RB_50_0_NTNV



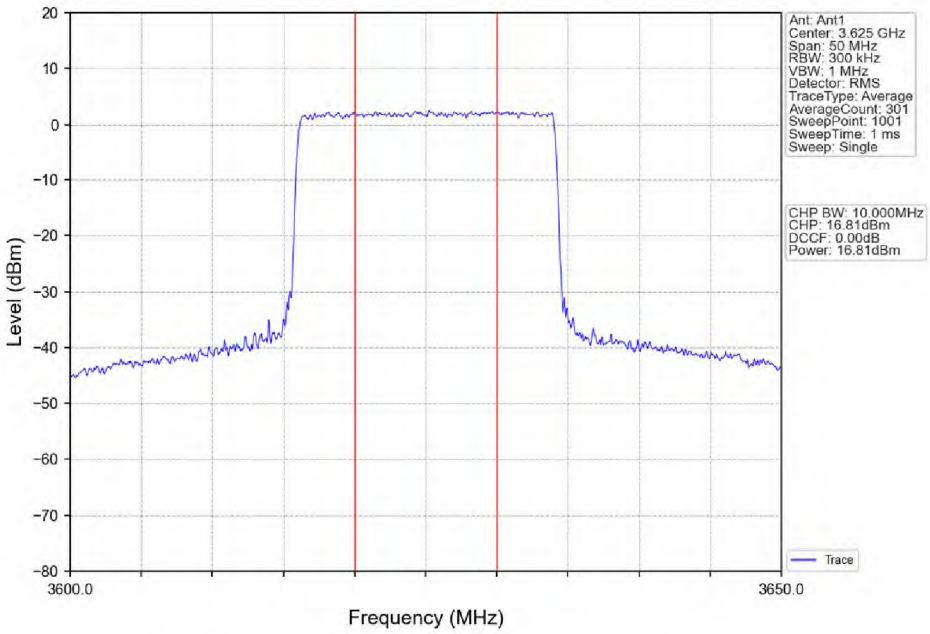
Band48_20MHz_16QAM_MCH_3625MHz_RB_50_25_NTNV



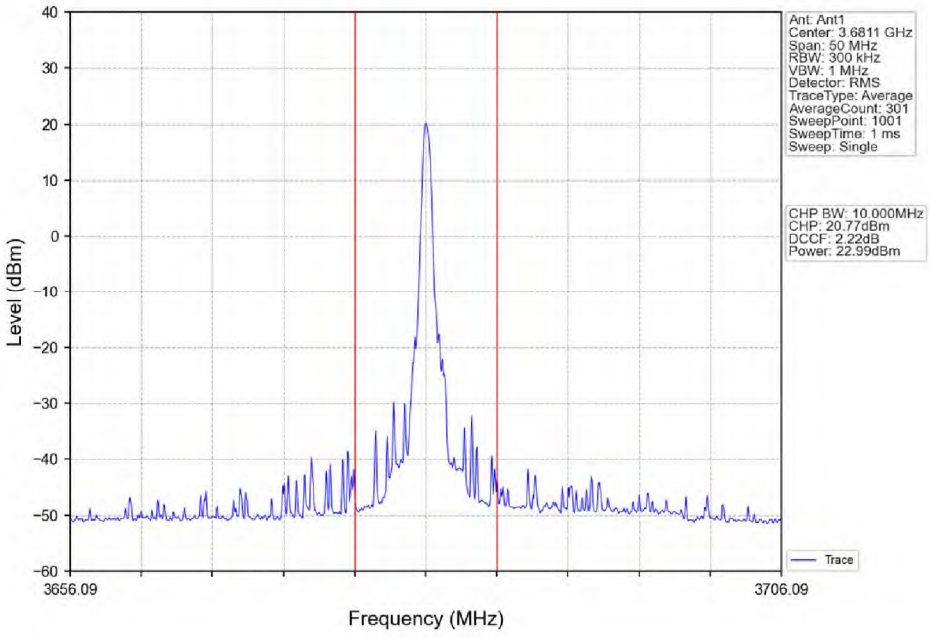

Band48_20MHz_16QAM_MCH_3625MHz_RB_50_50_NTNV



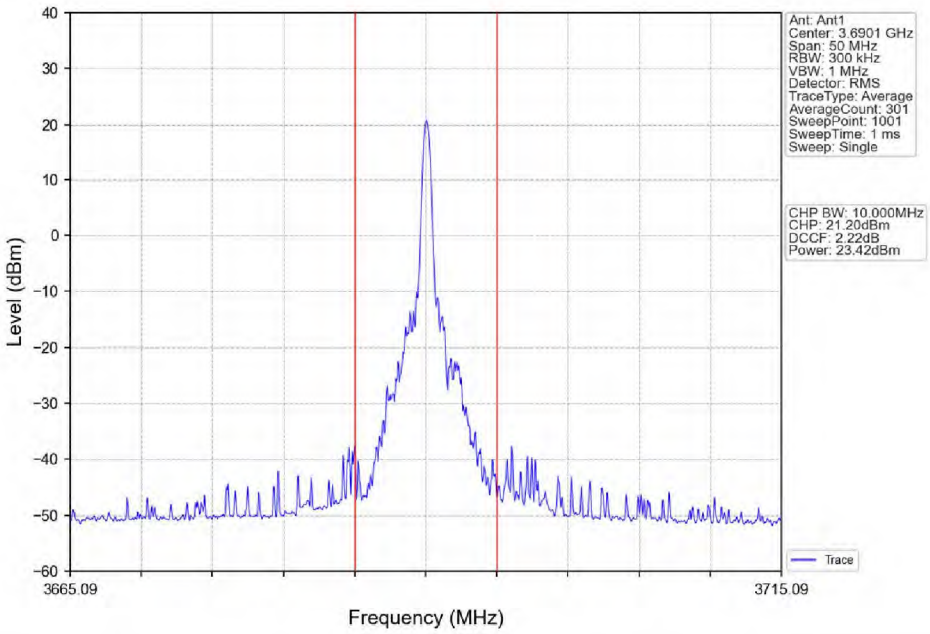
Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



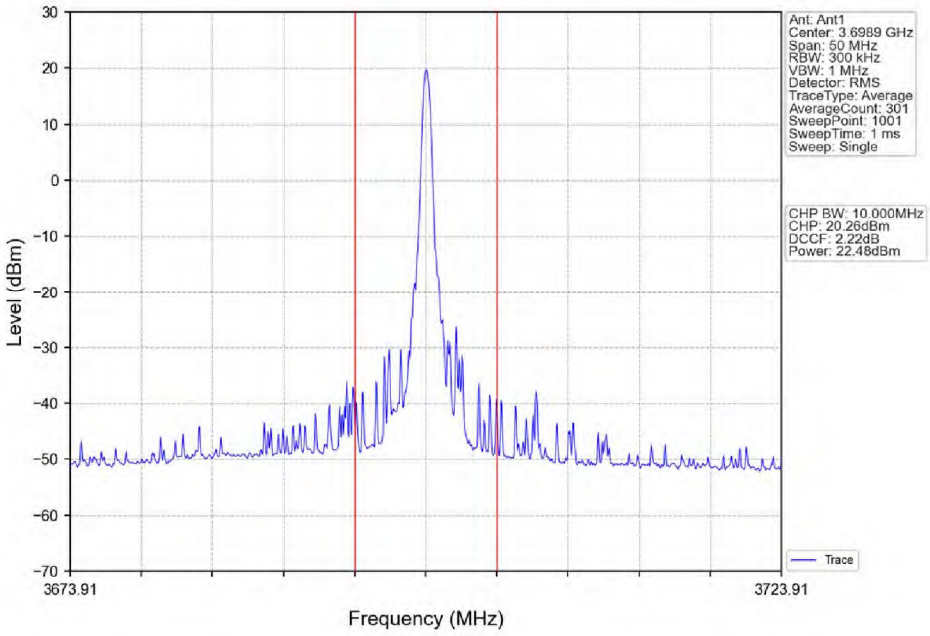

Band48_20MHz_16QAM_HCH_3690MHz_RB_1_0_NTNV



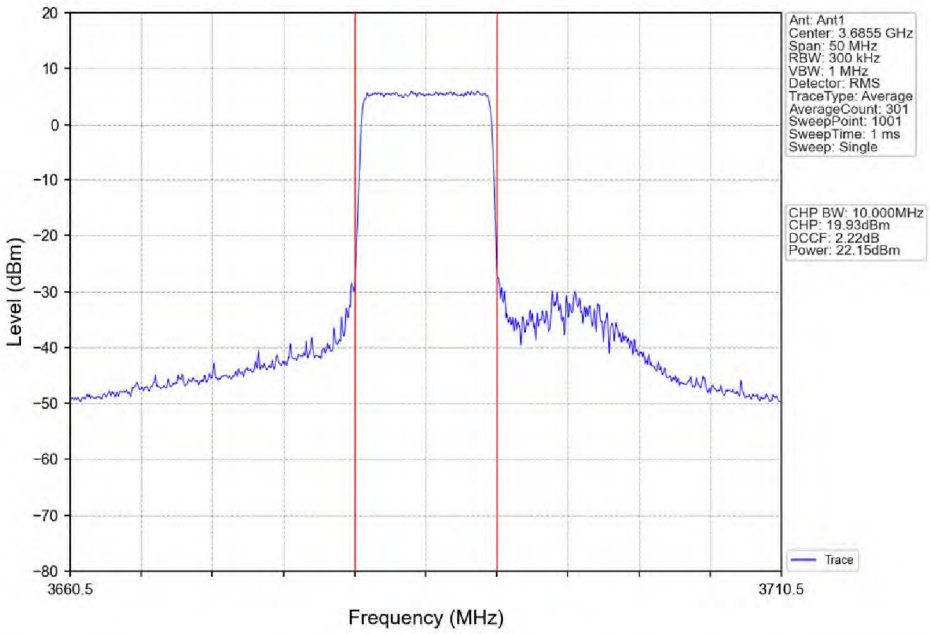
Band48_20MHz_16QAM_HCH_3690MHz_RB_1_50_NTNV



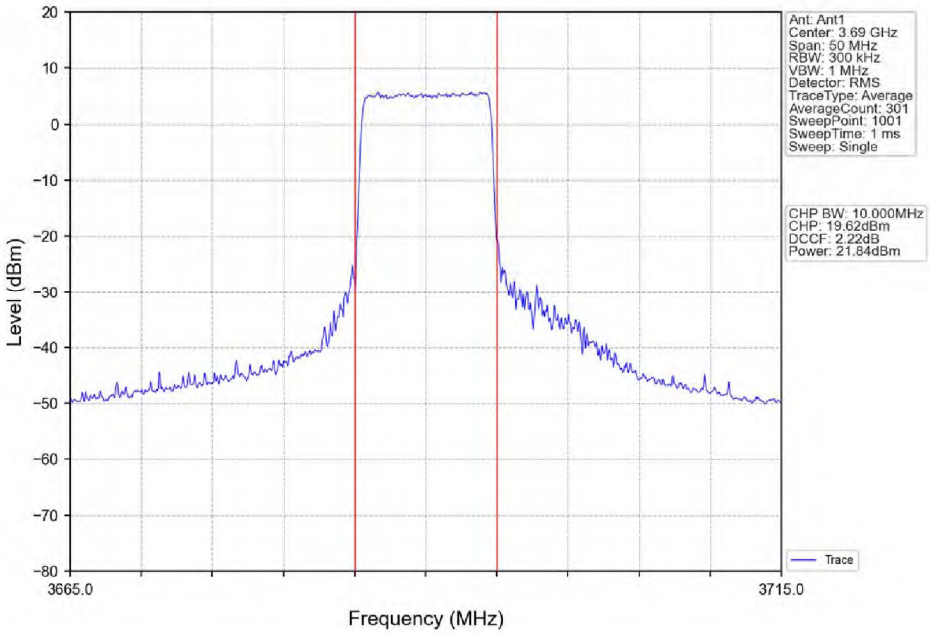

Band48_20MHz_16QAM_HCH_3690MHz_RB_1_99_NTNV



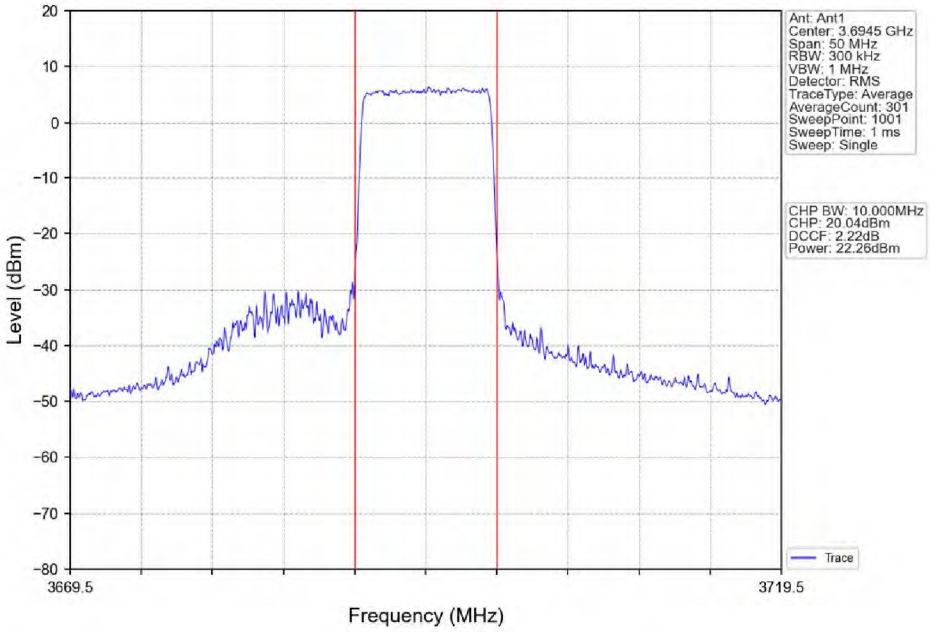
Band48_20MHz_16QAM_HCH_3690MHz_RB_50_0_NTNV

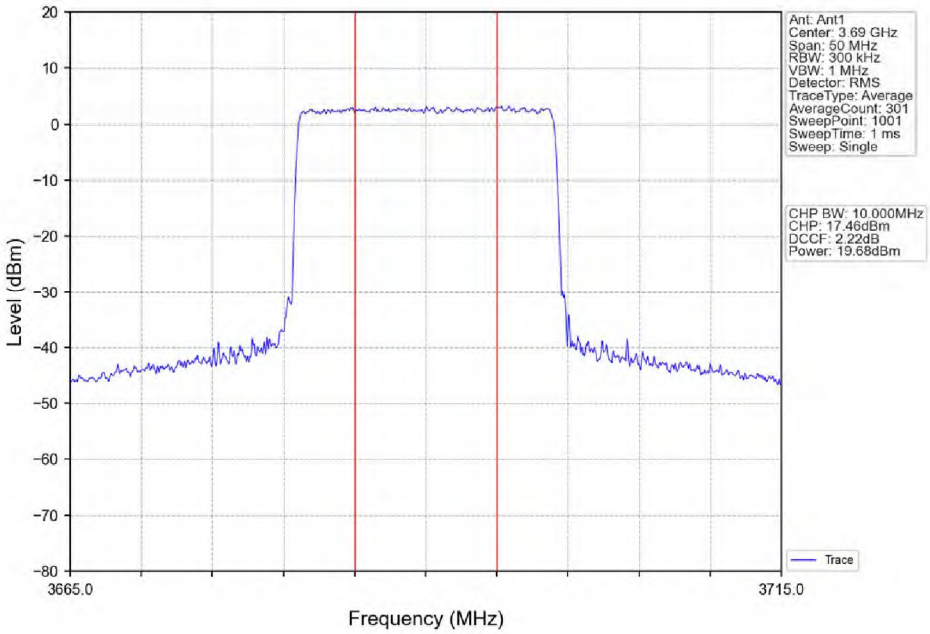



Band48_20MHz_16QAM_HCH_3690MHz_RB_50_25_NTNV



Band48_20MHz_16QAM_HCH_3690MHz_RB_50_50_NTNV

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