

# LTE B48

## 1. Effective (Isotropic) Radiated Power Output Data

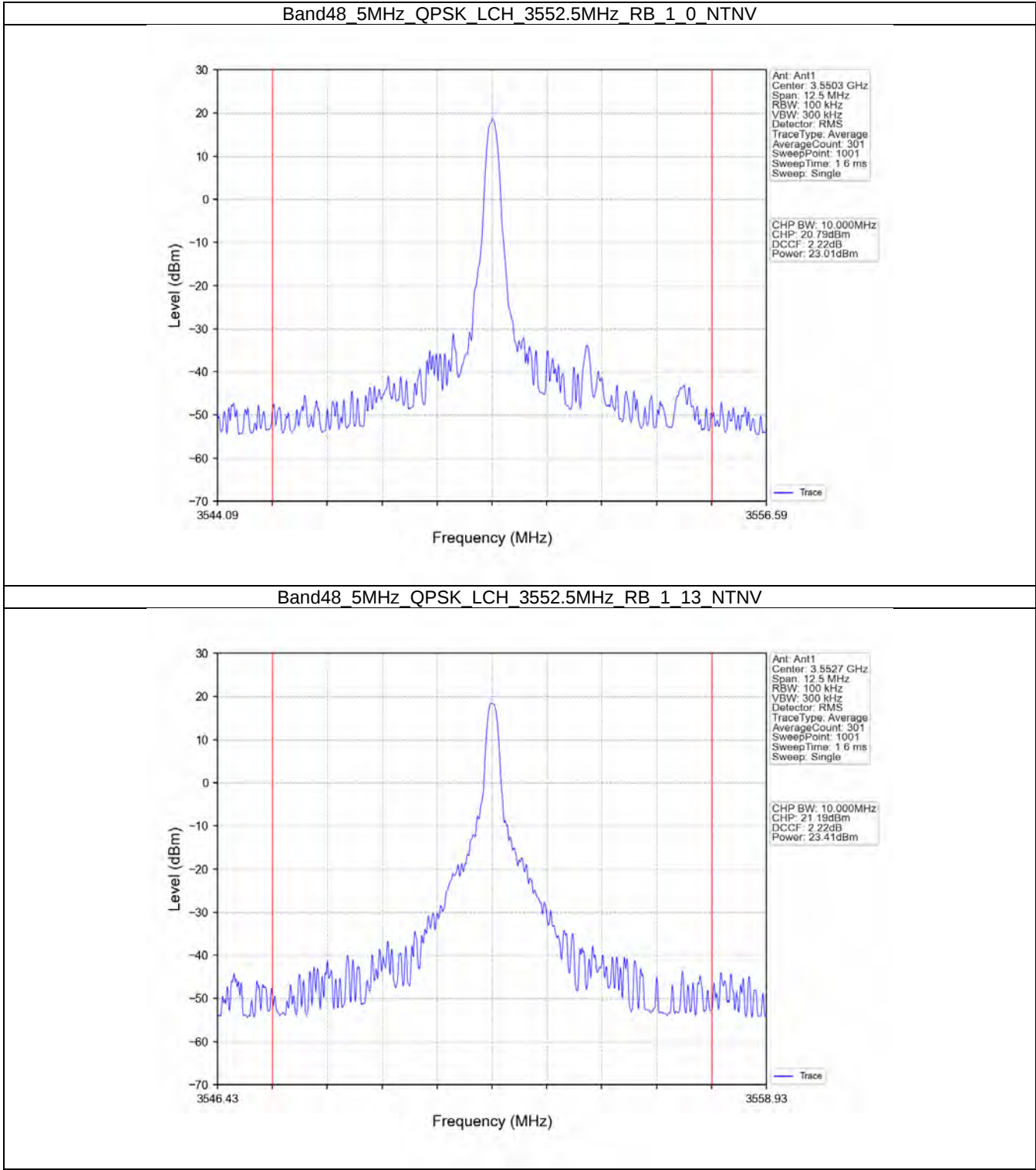
### 1.1 B48\_5MHz\_EIRP

#### 1.1.1 Test Result

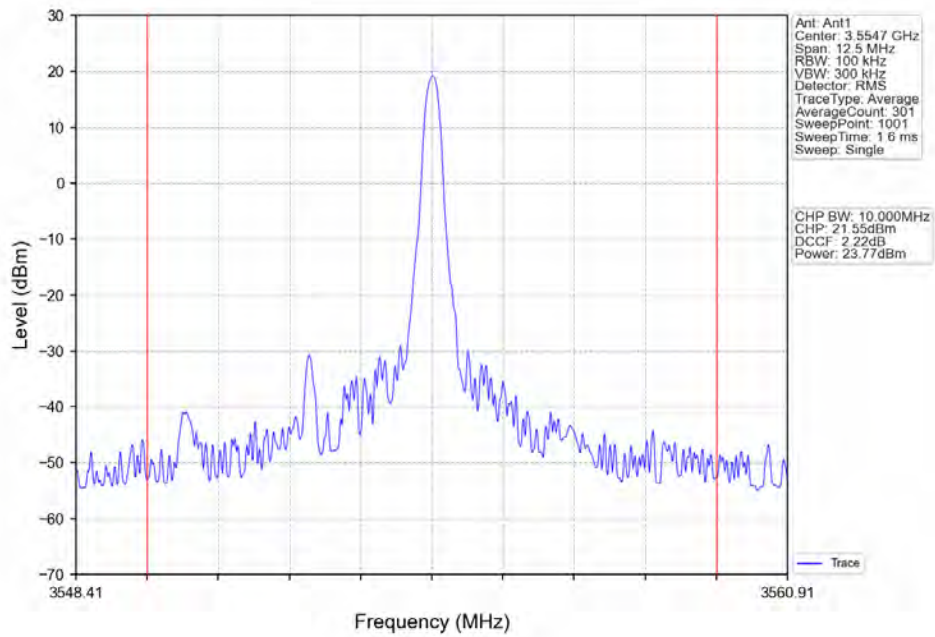
| Band: 48 / Bandwidth: 5MHz / NTNV |                 |               |        |                             |            |                  |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------------|------------|------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm/10MHz) | Gain (dbi) | EIRP (dBm/10MHz) |       | Verdict |
|                                   |                 | Size          | Offset |                             |            | Result           | Limit |         |
| QPSK                              | 3552.5          | 1             | 0      | 23.01                       | -6.10      | 16.91            | <=23  | Pass    |
|                                   |                 |               | 13     | 23.41                       | -6.10      | 17.31            | <=23  | Pass    |
|                                   |                 |               | 24     | 23.77                       | -6.10      | 17.67            | <=23  | Pass    |
|                                   |                 | 12            | 0      | 22.69                       | -6.10      | 16.59            | <=23  | Pass    |
|                                   |                 |               | 6      | 22.20                       | -6.10      | 16.10            | <=23  | Pass    |
|                                   |                 |               | 13     | 22.56                       | -6.10      | 16.46            | <=23  | Pass    |
|                                   |                 | 25            | 0      | 22.45                       | -6.10      | 16.35            | <=23  | Pass    |
|                                   | 3625            | 1             | 0      | 22.76                       | -6.10      | 16.66            | <=23  | Pass    |
|                                   |                 |               | 13     | 24.19                       | -6.10      | 18.09            | <=23  | Pass    |
|                                   |                 |               | 24     | 24.11                       | -6.10      | 18.01            | <=23  | Pass    |
|                                   |                 | 12            | 0      | 22.91                       | -6.10      | 16.81            | <=23  | Pass    |
|                                   |                 |               | 6      | 22.07                       | -6.10      | 15.97            | <=23  | Pass    |
|                                   |                 |               | 13     | 22.55                       | -6.10      | 16.45            | <=23  | Pass    |
|                                   |                 | 25            | 0      | 22.62                       | -6.10      | 16.52            | <=23  | Pass    |
|                                   | 3697.5          | 1             | 0      | 24.04                       | -6.10      | 17.94            | <=23  | Pass    |
|                                   |                 |               | 13     | 23.83                       | -6.10      | 17.73            | <=23  | Pass    |
|                                   |                 |               | 24     | 24.14                       | -6.10      | 18.04            | <=23  | Pass    |
|                                   |                 | 12            | 0      | 23.29                       | -6.10      | 17.19            | <=23  | Pass    |
|                                   |                 |               | 6      | 23.66                       | -6.10      | 17.56            | <=23  | Pass    |
|                                   |                 |               | 13     | 23.13                       | -6.10      | 17.03            | <=23  | Pass    |
|                                   |                 | 25            | 0      | 23.29                       | -6.10      | 17.19            | <=23  | Pass    |
| 16QAM                             | 3552.5          | 1             | 0      | 22.27                       | -6.10      | 16.17            | <=23  | Pass    |
|                                   |                 |               | 13     | 22.47                       | -6.10      | 16.37            | <=23  | Pass    |
|                                   |                 |               | 24     | 22.34                       | -6.10      | 16.24            | <=23  | Pass    |
|                                   |                 | 12            | 0      | 21.30                       | -6.10      | 15.20            | <=23  | Pass    |
|                                   |                 |               | 6      | 21.41                       | -6.10      | 15.31            | <=23  | Pass    |
|                                   |                 |               | 13     | 21.45                       | -6.10      | 15.35            | <=23  | Pass    |
|                                   |                 | 25            | 0      | 21.13                       | -6.10      | 15.03            | <=23  | Pass    |
|                                   | 3625            | 1             | 0      | 22.12                       | -6.10      | 16.02            | <=23  | Pass    |
|                                   |                 |               | 13     | 22.87                       | -6.10      | 16.77            | <=23  | Pass    |
|                                   |                 |               | 24     | 22.42                       | -6.10      | 16.32            | <=23  | Pass    |
|                                   |                 | 12            | 0      | 21.36                       | -6.10      | 15.26            | <=23  | Pass    |
|                                   |                 |               | 6      | 21.14                       | -6.10      | 15.04            | <=23  | Pass    |
|                                   |                 |               | 13     | 21.48                       | -6.10      | 15.38            | <=23  | Pass    |
|                                   |                 | 25            | 0      | 21.37                       | -6.10      | 15.27            | <=23  | Pass    |
|                                   | 3697.5          | 1             | 0      | 23.50                       | -6.10      | 17.40            | <=23  | Pass    |
|                                   |                 |               | 13     | 22.86                       | -6.10      | 16.76            | <=23  | Pass    |
|                                   |                 |               | 24     | 22.05                       | -6.10      | 15.95            | <=23  | Pass    |
|                                   |                 | 12            | 0      | 22.23                       | -6.10      | 16.13            | <=23  | Pass    |
|                                   |                 |               | 6      | 21.44                       | -6.10      | 15.34            | <=23  | Pass    |
|                                   |                 |               | 13     | 22.02                       | -6.10      | 15.92            | <=23  | Pass    |
|                                   |                 | 25            | 0      | 22.28                       | -6.10      | 16.18            | <=23  | Pass    |

Note1: EIRP=Conducted Power+Antenna Gain

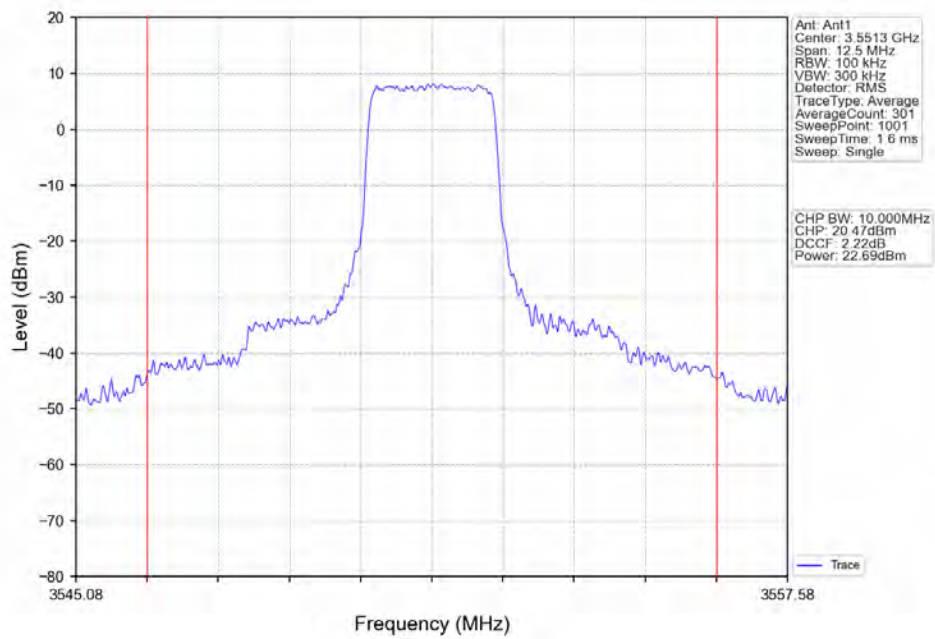
1.1.2 Test Graph



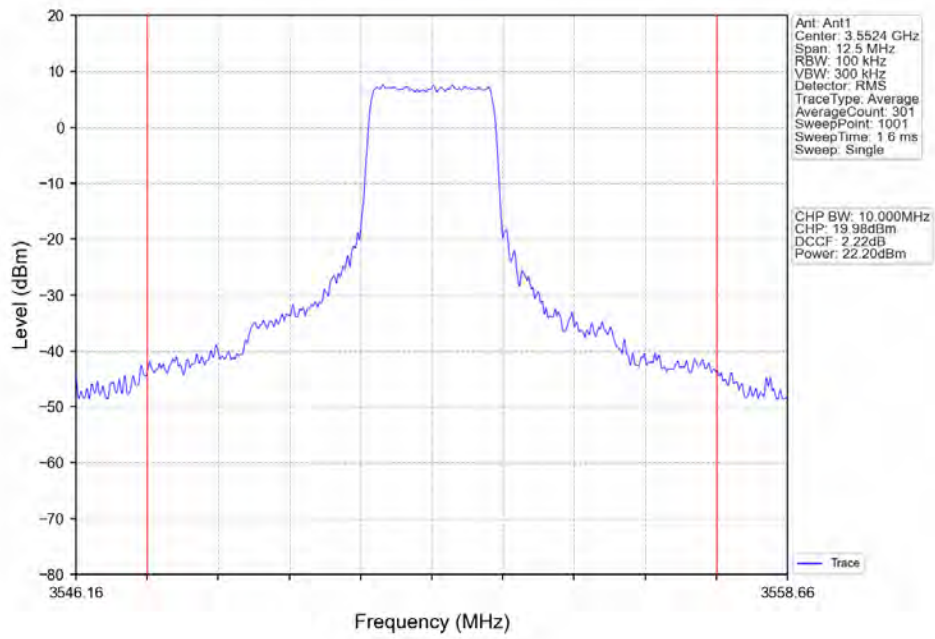
Band48 5MHz QPSK LCH 3552.5MHz RB 1 24 NTNV



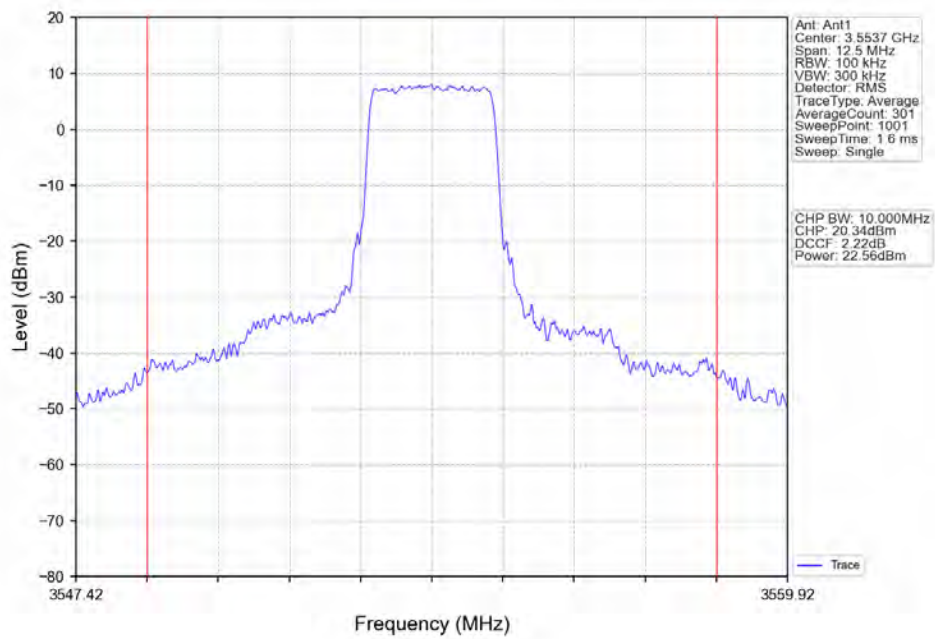
Band48 5MHz QPSK LCH 3552.5MHz RB 12 0 NTNV



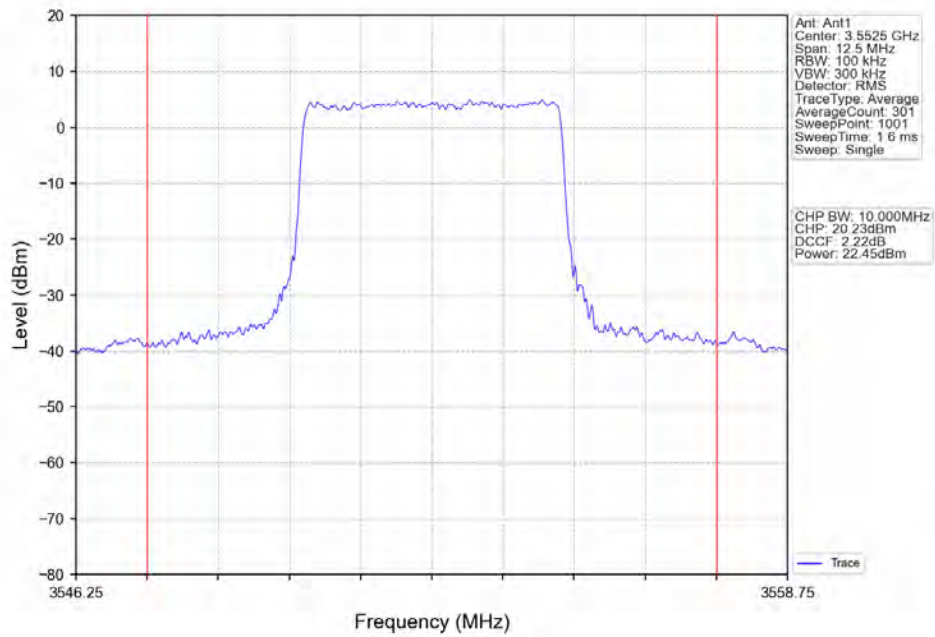
Band48 5MHz QPSK LCH 3552.5MHz RB 12 6 NTNV



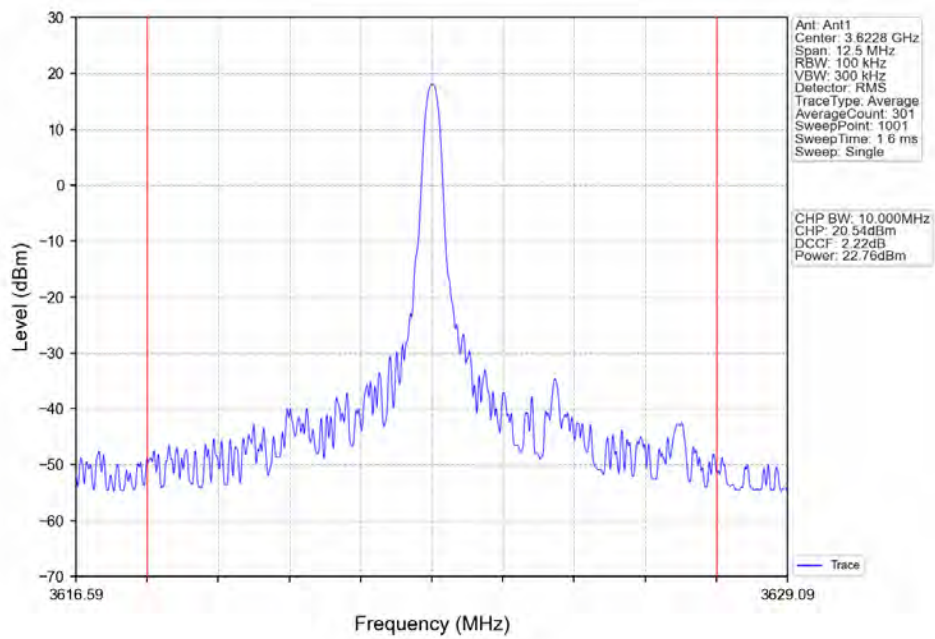
Band48 5MHz QPSK LCH 3552.5MHz RB 12 13 NTNV



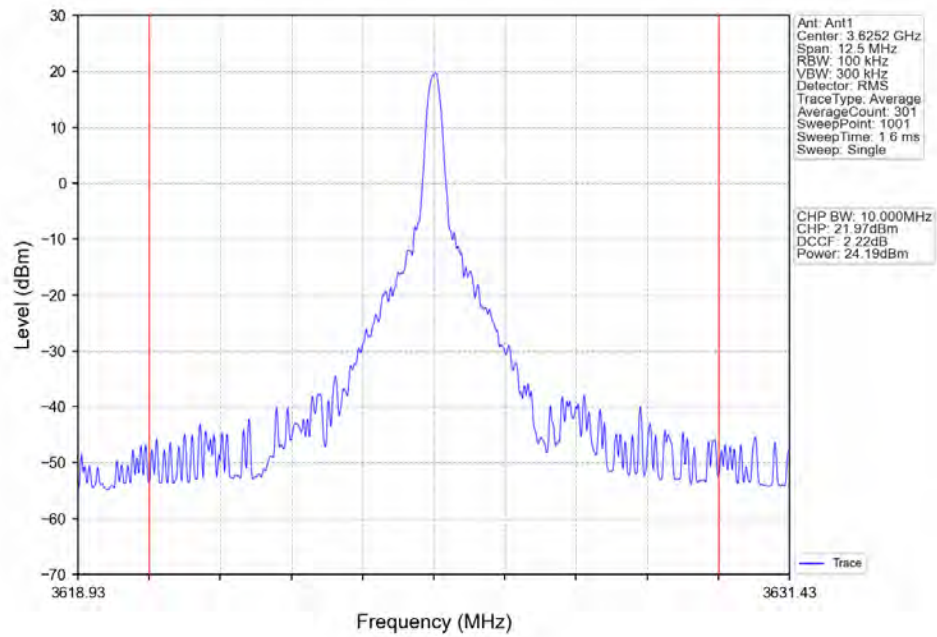
Band48 5MHz QPSK LCH 3552.5MHz RB 25 0 NTNV



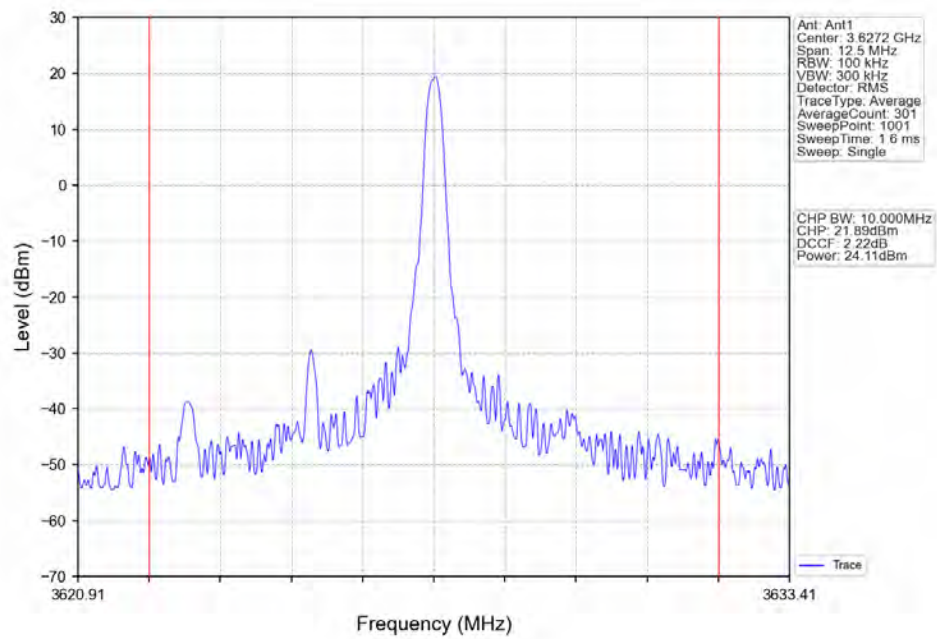
Band48 5MHz QPSK MCH 3625MHz RB 1 0 NTNV



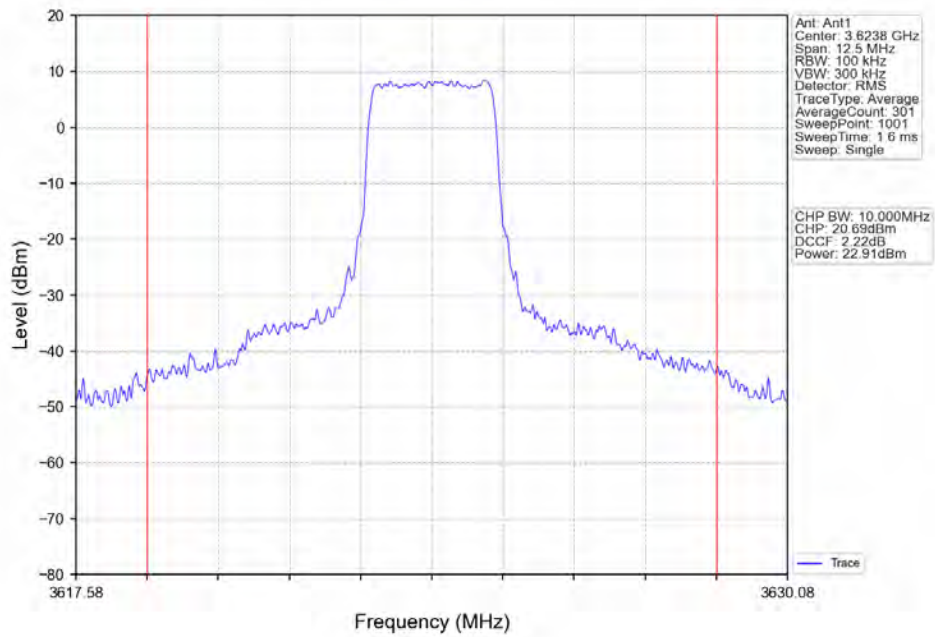
Band48 5MHz QPSK MCH 3625MHz RB 1 13 NTNV



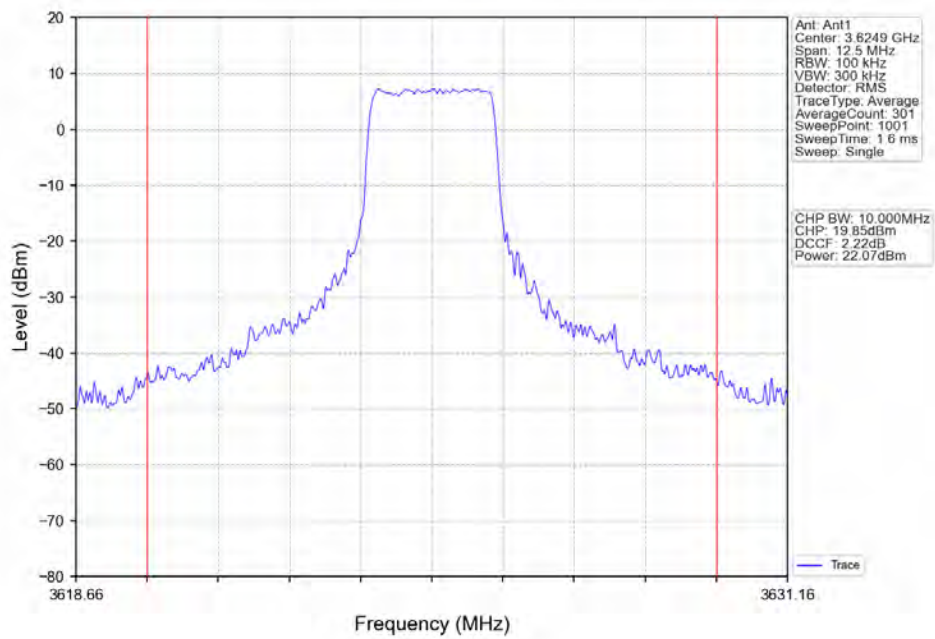
Band48 5MHz QPSK MCH 3625MHz RB 1 24 NTNV



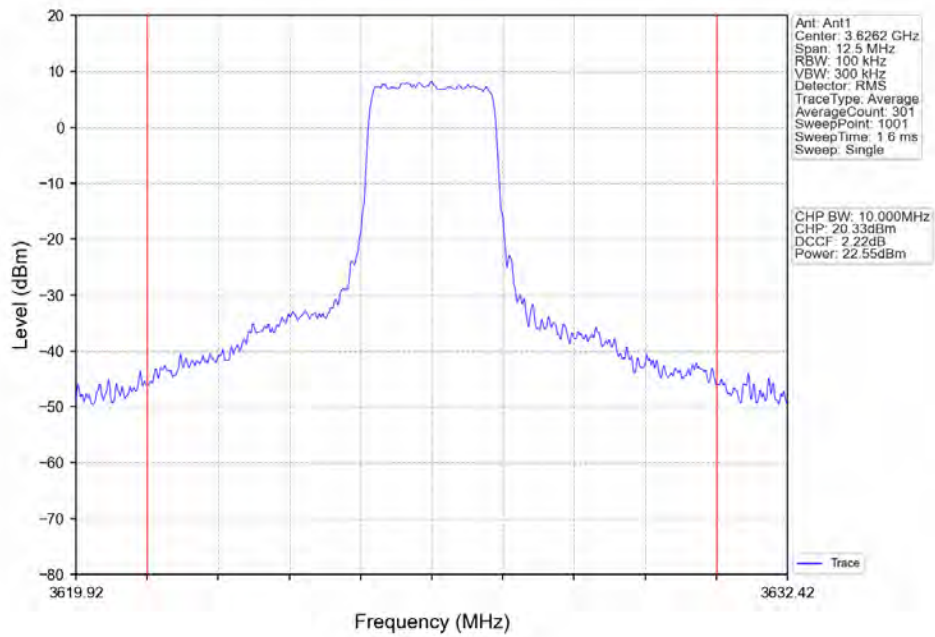
Band48 5MHz QPSK MCH 3625MHz RB 12 0 NTNV



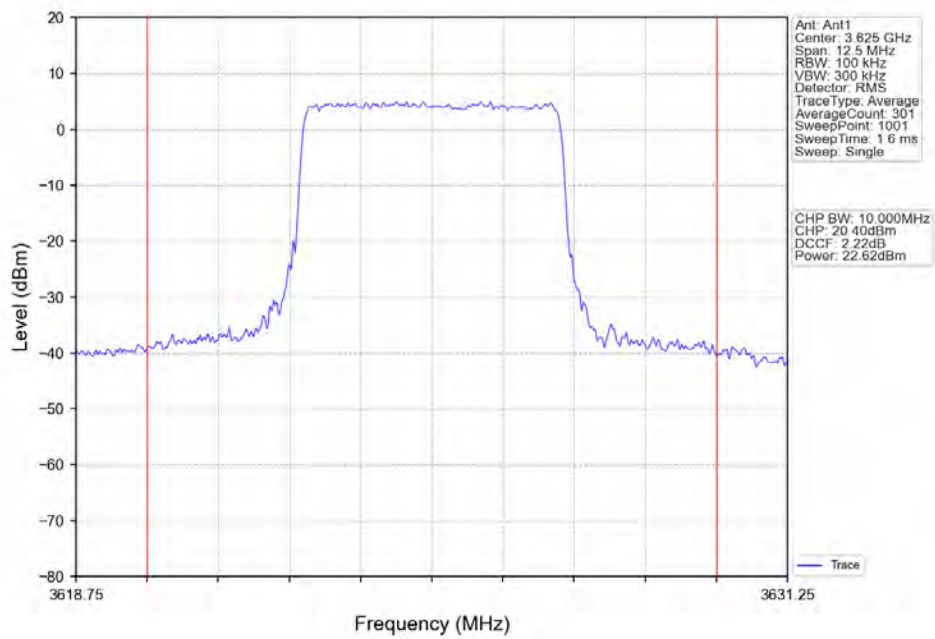
Band48 5MHz QPSK MCH 3625MHz RB 12 6 NTNV



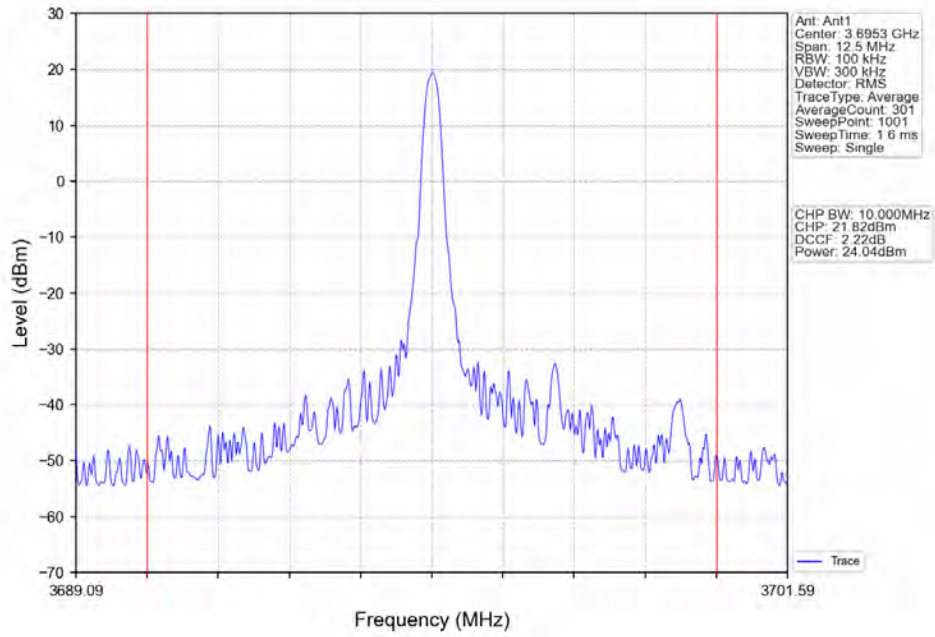
Band48 5MHz QPSK MCH 3625MHz RB 12 13 NTNV



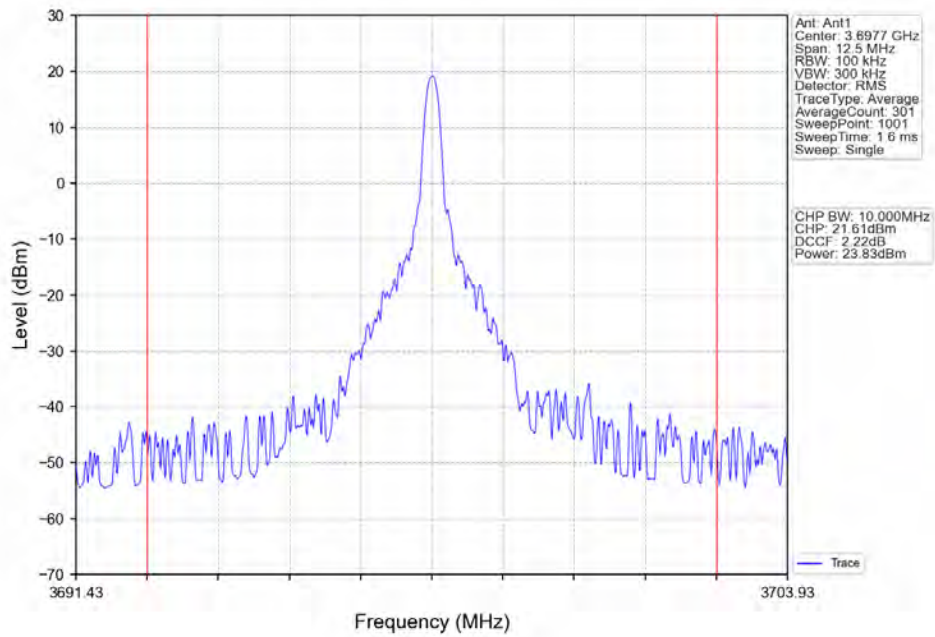
Band48 5MHz QPSK MCH 3625MHz RB 25.0 NTNV



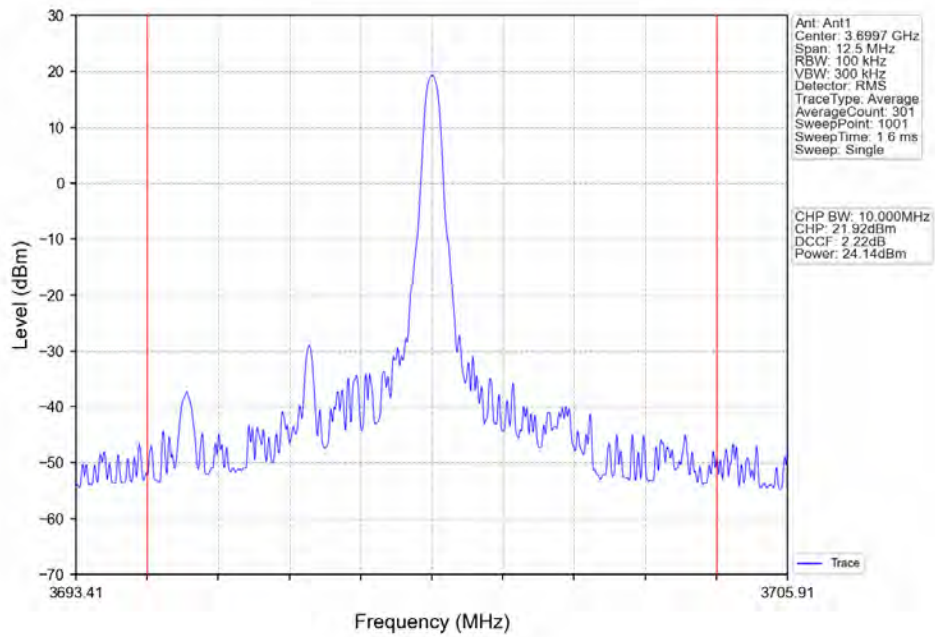
Band48 5MHz QPSK HCH 3697.5MHz RB 1 0 NTNV



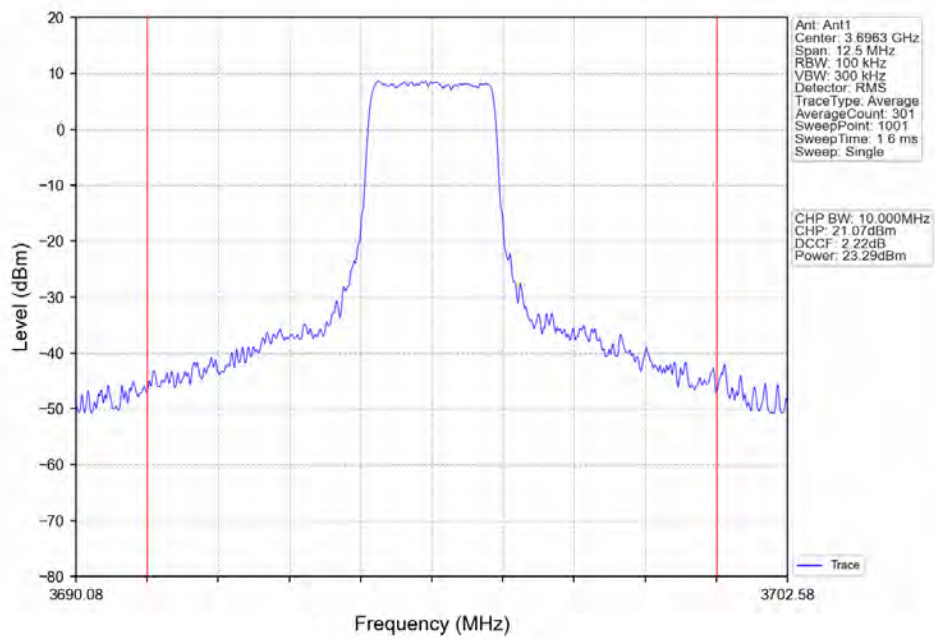
Band48 5MHz QPSK HCH 3697.5MHz RB 1 13 NTNV



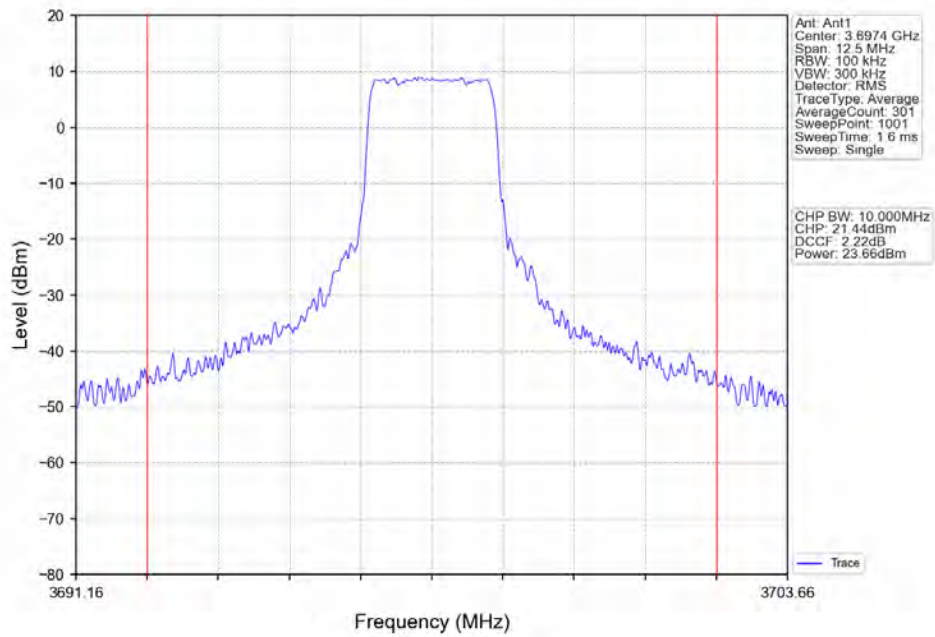
Band48 5MHz QPSK HCH 3697.5MHz RB 1 24 NTNV



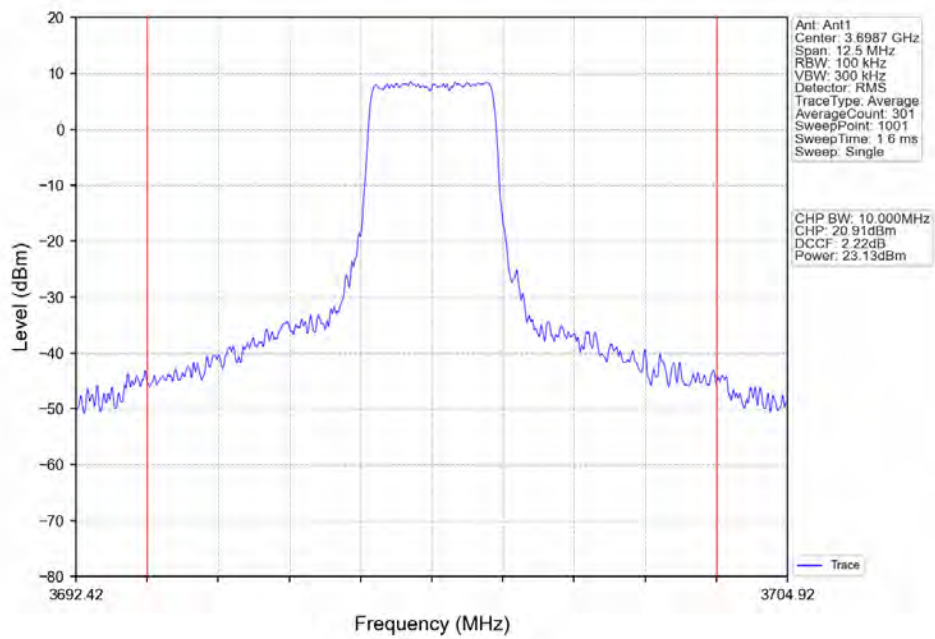
Band48 5MHz QPSK HCH 3697.5MHz RB 12 0 NTNV



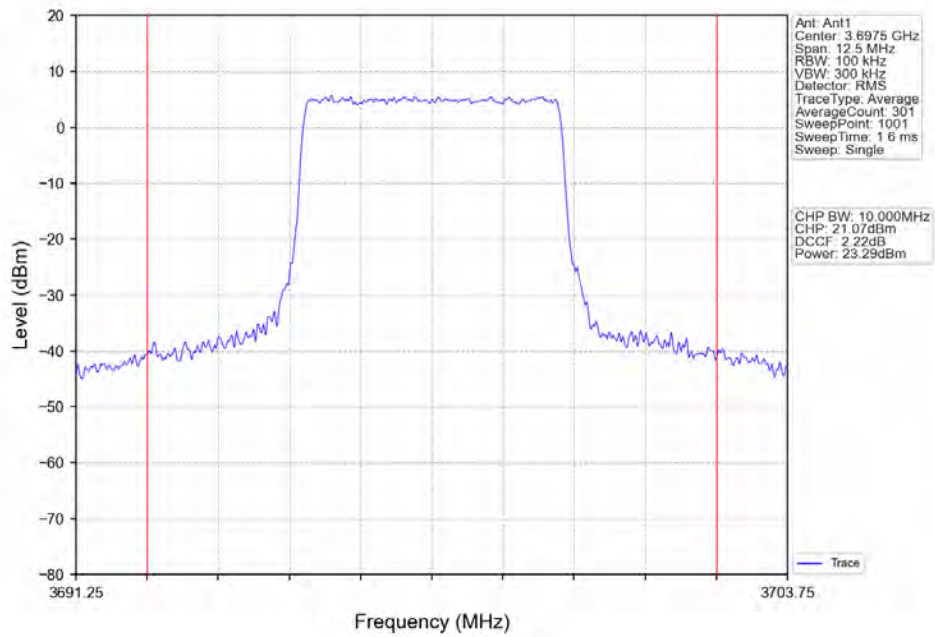
Band48 5MHz QPSK HCH 3697.5MHz RB 12 6 NTNV



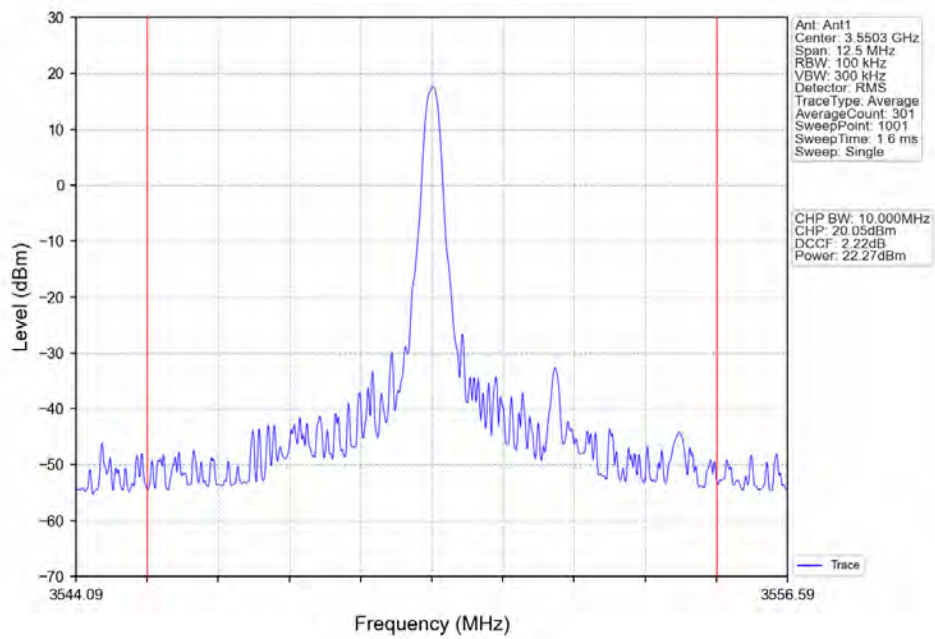
Band48 5MHz QPSK HCH 3697.5MHz RB 12 13 NTNV



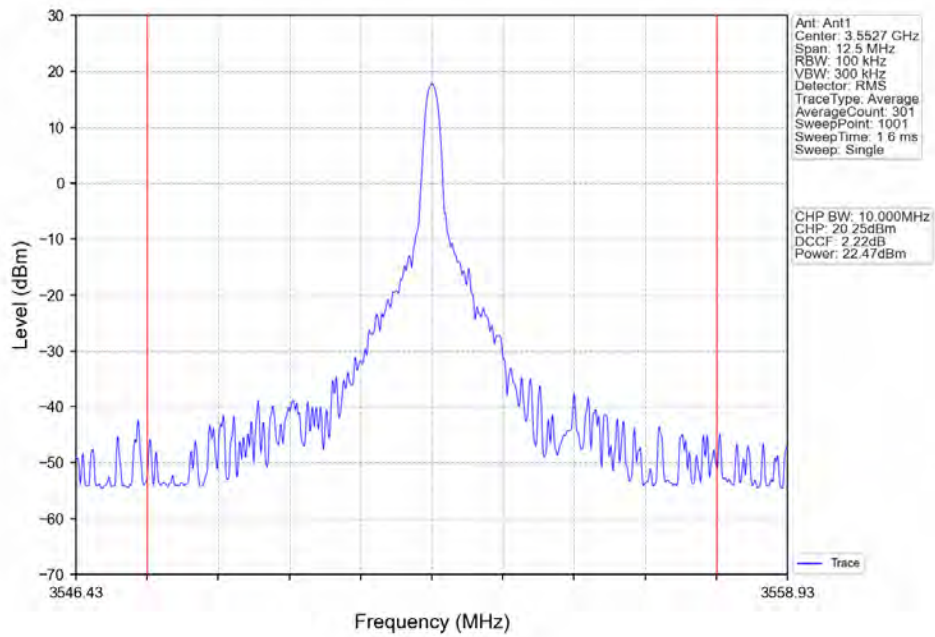
Band48 5MHz QPSK HCH 3697.5MHz RB 25 0 NTNV



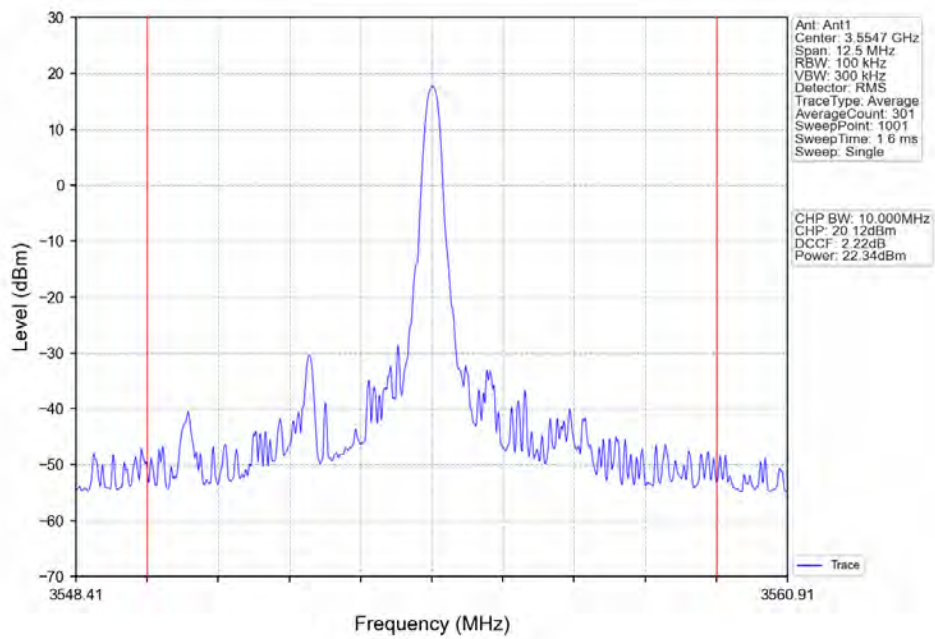
Band48 5MHz 16QAM LCH 3552.5MHz RB 1 0 NTNV



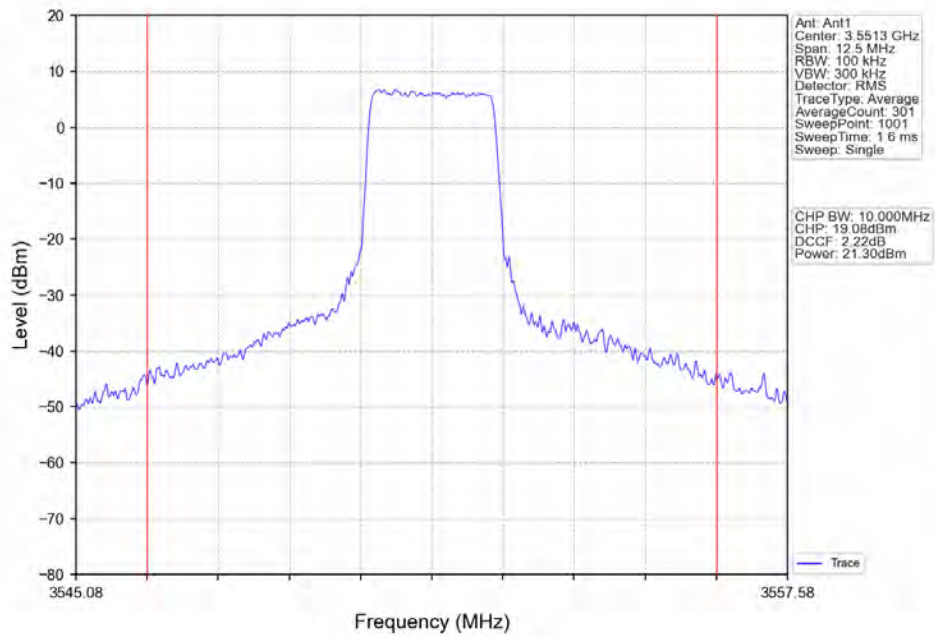
Band48 5MHz 16QAM LCH 3552.5MHz RB 1 13 NTNV



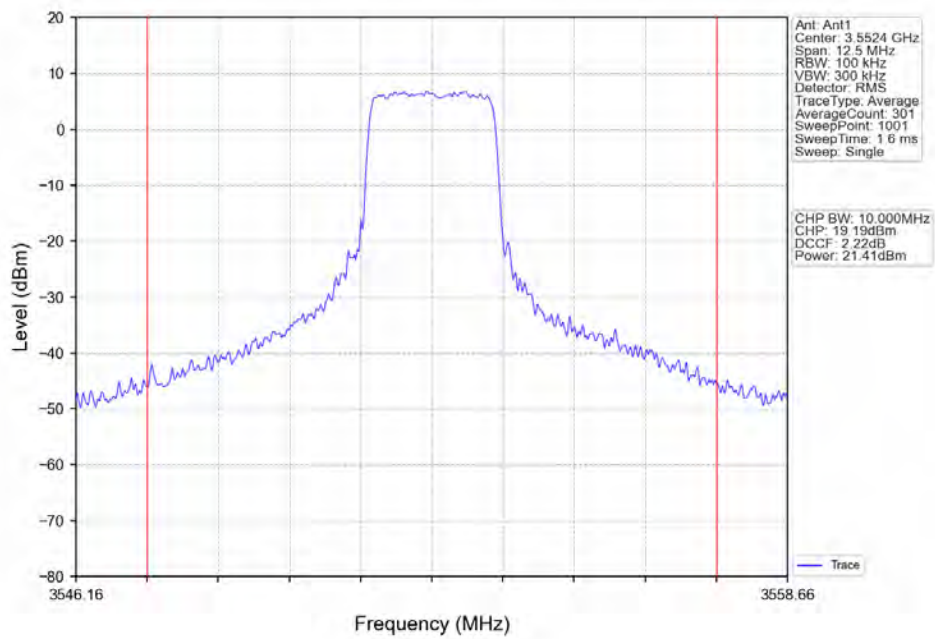
Band48 5MHz 16QAM LCH 3552.5MHz RB 1 24 NTNV



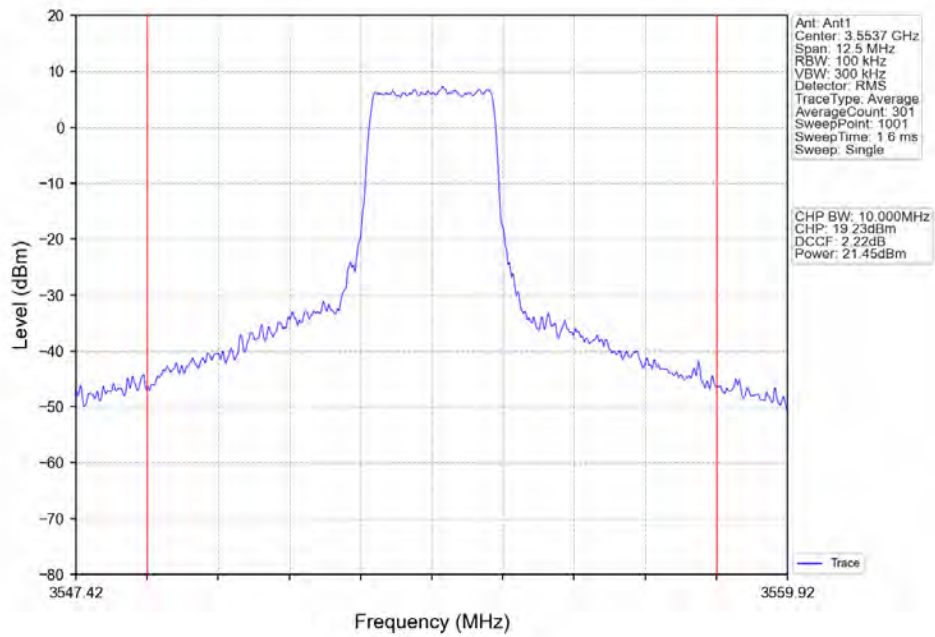
Band48 5MHz 16QAM LCH 3552.5MHz RB 12 0 NTNV



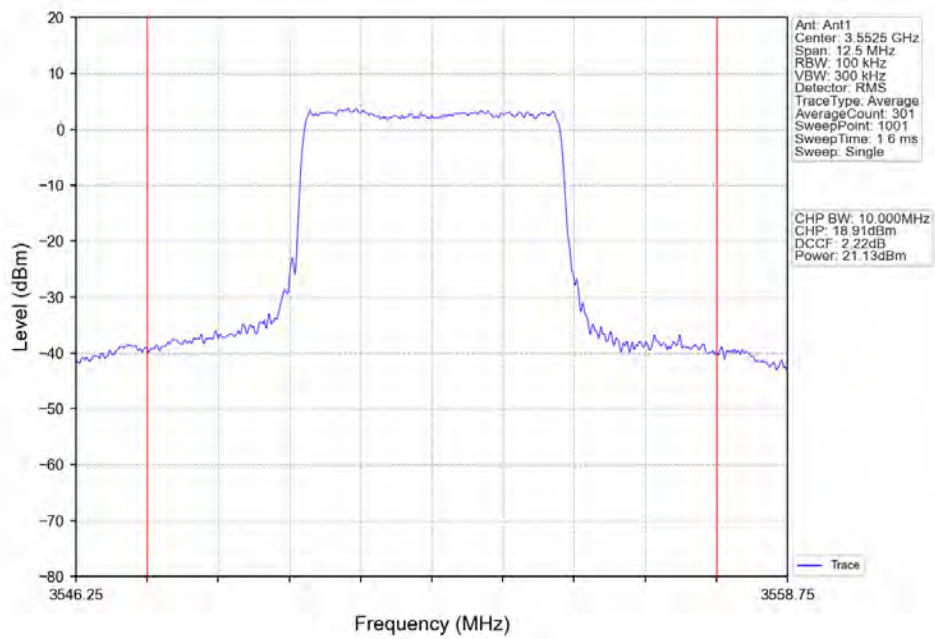
Band48 5MHz 16QAM LCH 3552.5MHz RB 12 6 NTNV



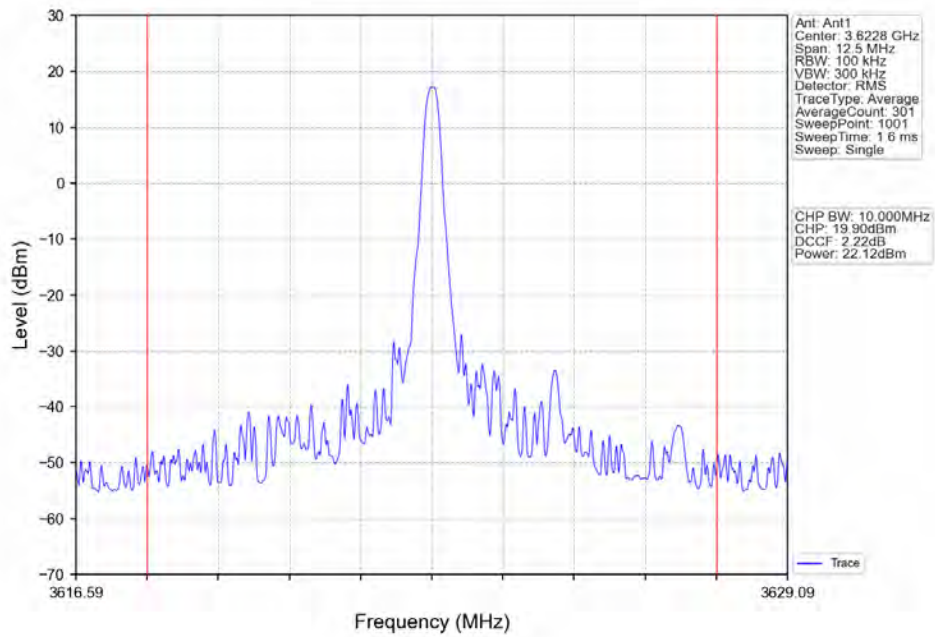
Band48 5MHz 16QAM LCH 3552.5MHz RB 12 13 NTNV



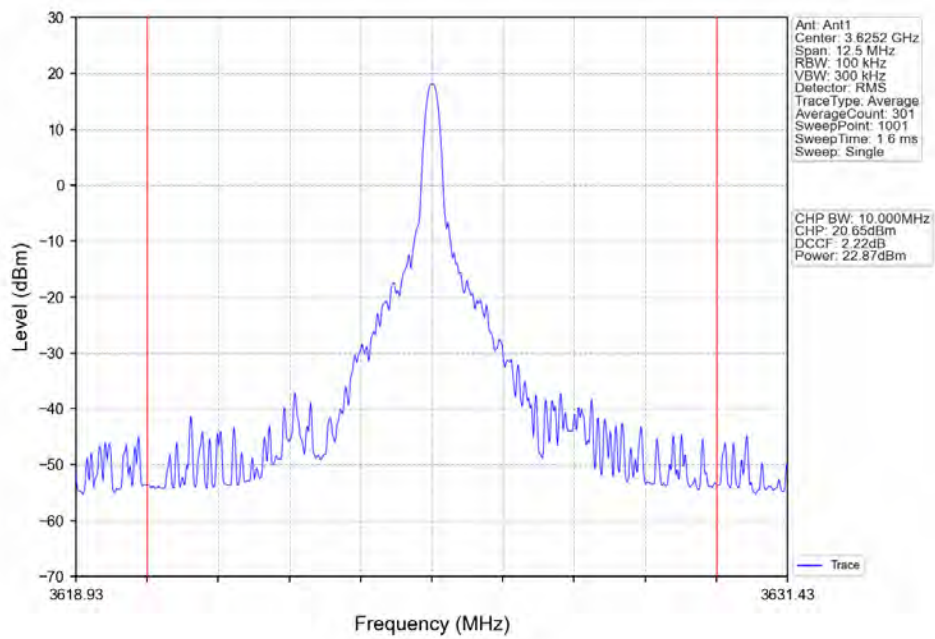
Band48 5MHz 16QAM LCH 3552.5MHz RB 25 0 NTNV



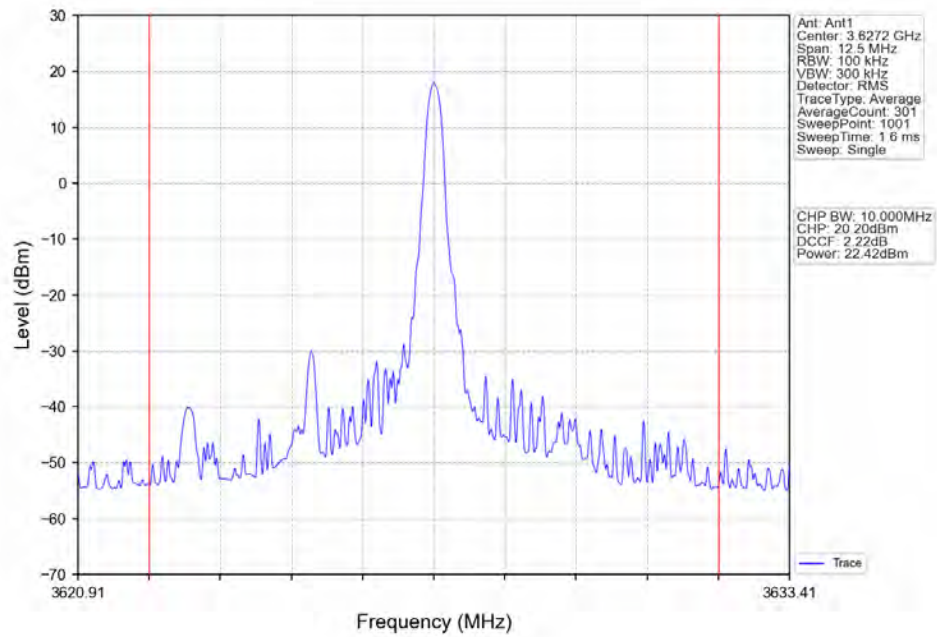
Band48 5MHz 16QAM MCH 3625MHz RB 1 0 NTNV



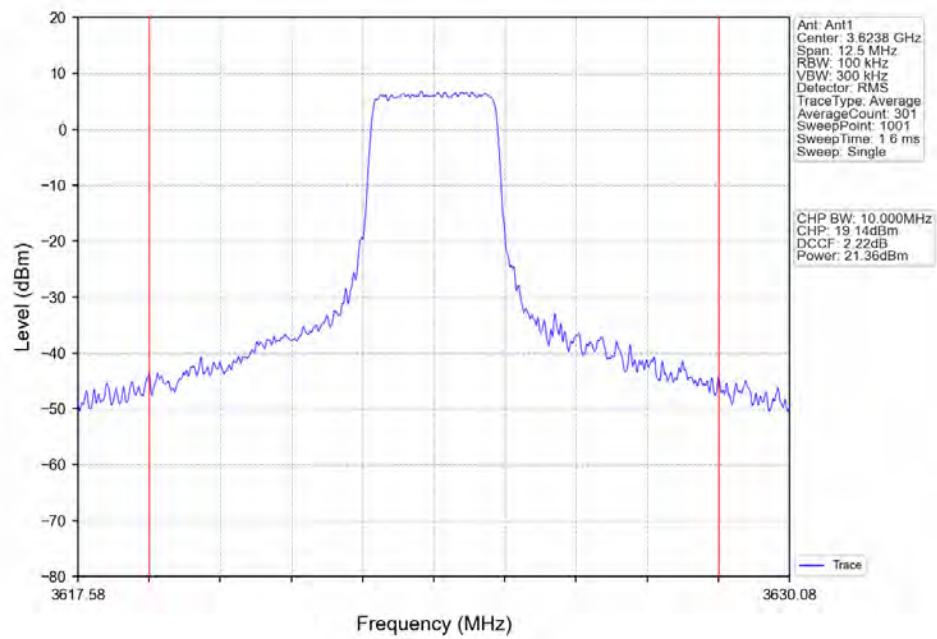
Band48 5MHz 16QAM MCH 3625MHz RB 1 13 NTNV



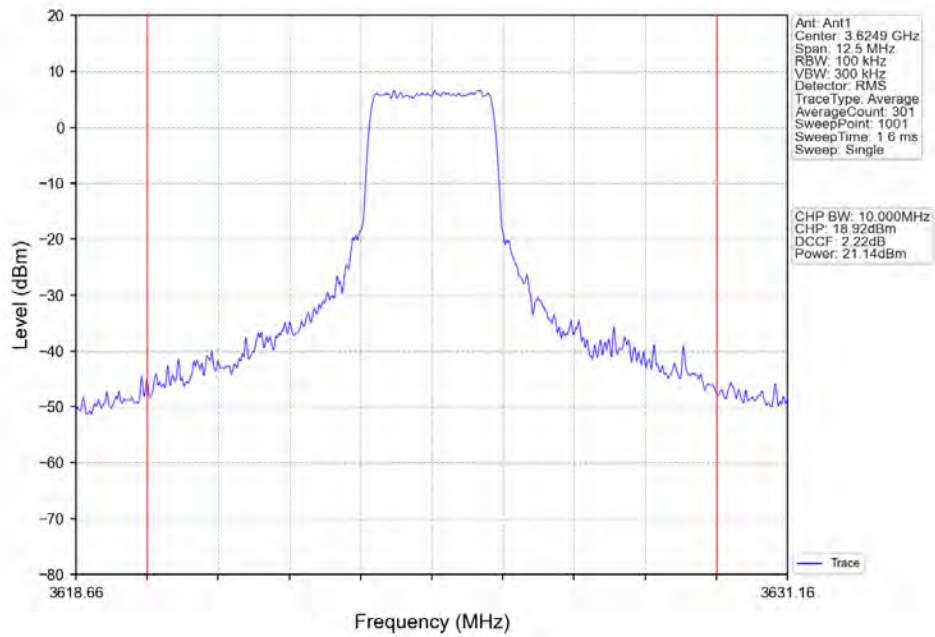
Band48 5MHz 16QAM MCH 3625MHz RB 1 24 NTNV



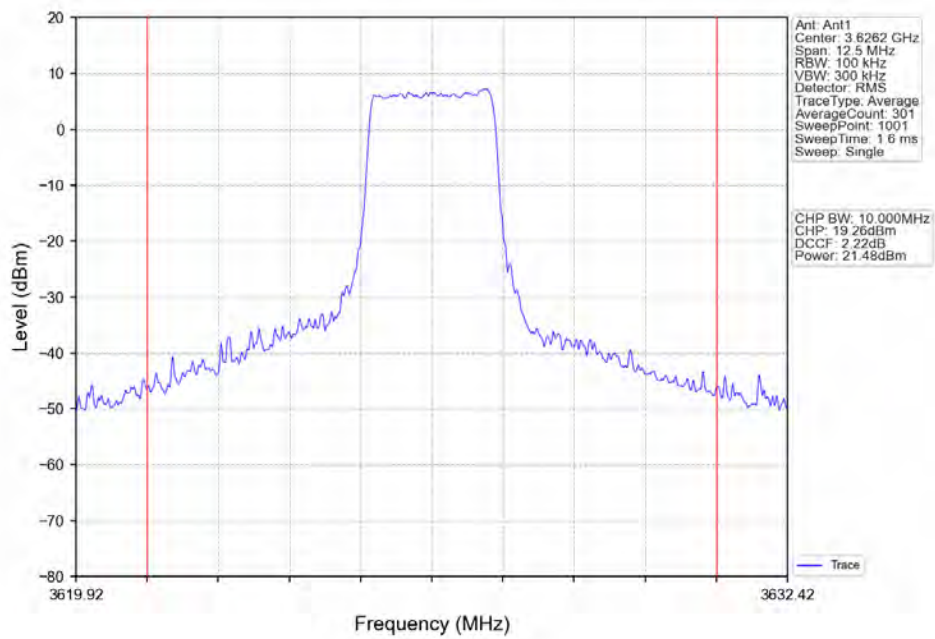
Band48 5MHz 16QAM MCH 3625MHz RB 12 0 NTNV



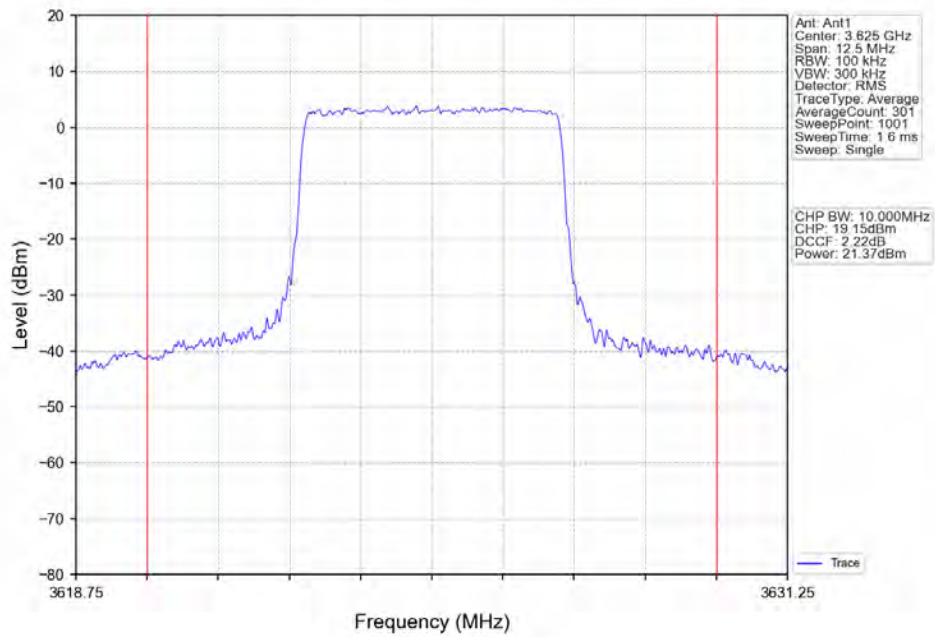
Band48 5MHz 16QAM MCH 3625MHz RB 12 6 NTNV



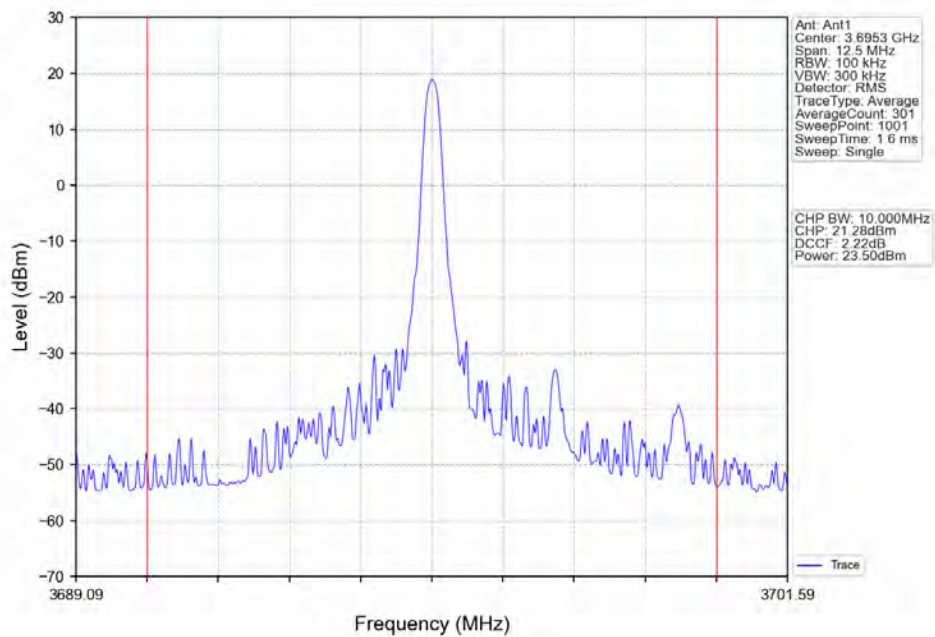
Band48 5MHz 16QAM MCH 3625MHz RB 12 13 NTNV



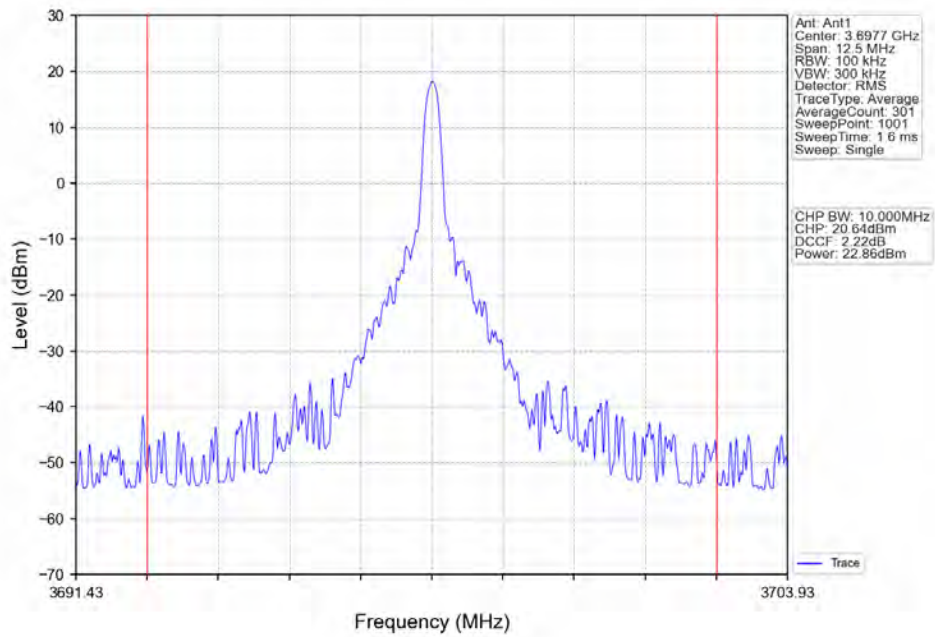
Band48 5MHz 16QAM MCH 3625MHz RB 25 0 NTNV



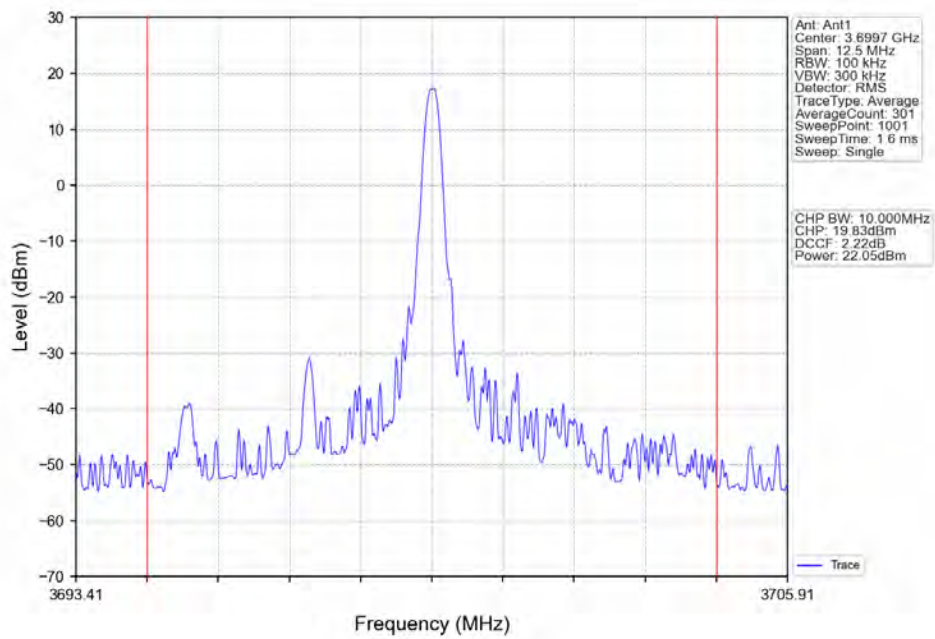
Band48 5MHz 16QAM HCH 3697.5MHz RB 1 0 NTNV



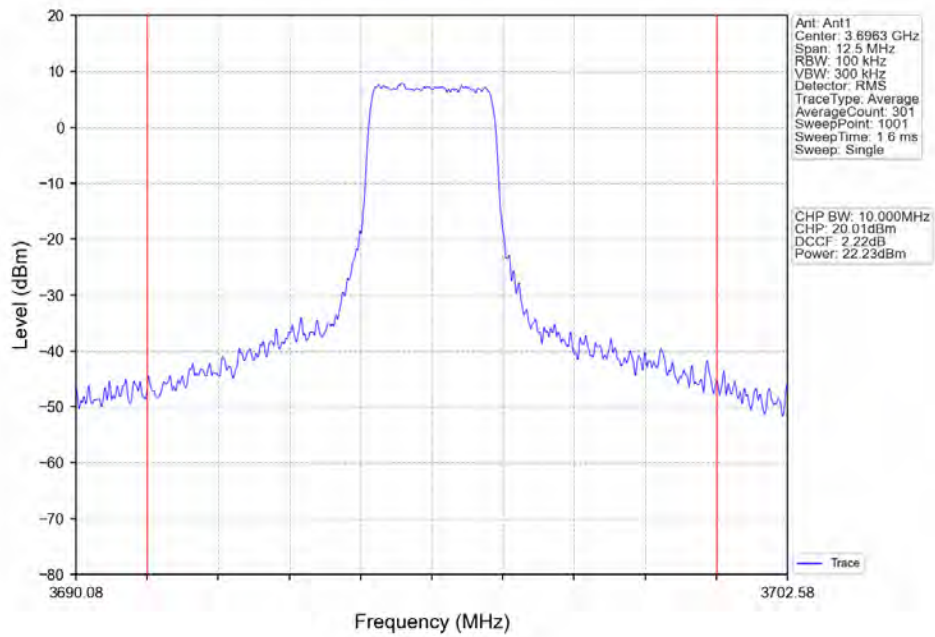
Band48 5MHz 16QAM HCH 3697.5MHz RB 1 13 NTNV



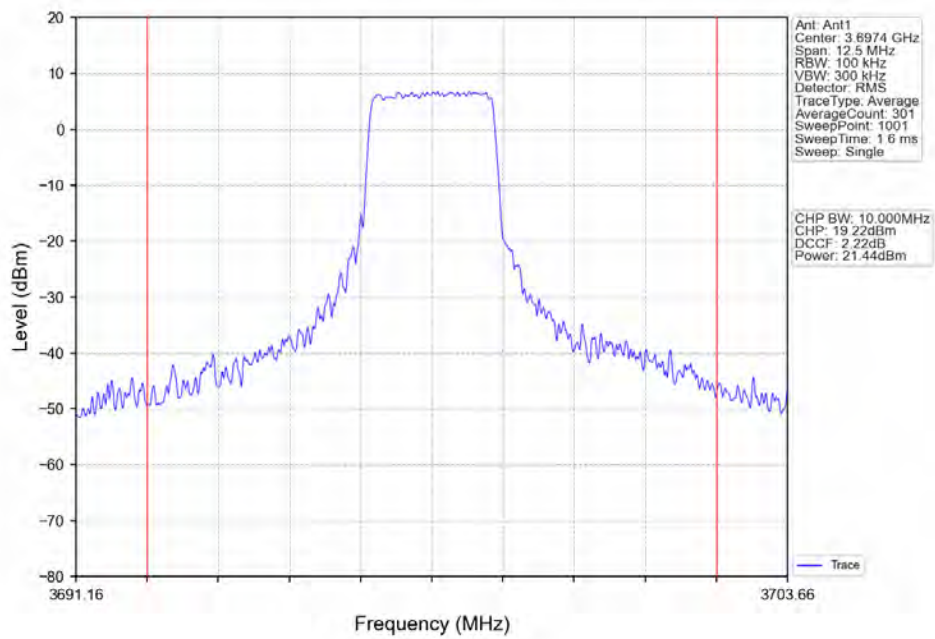
Band48 5MHz 16QAM HCH 3697.5MHz RB 1 24 NTNV



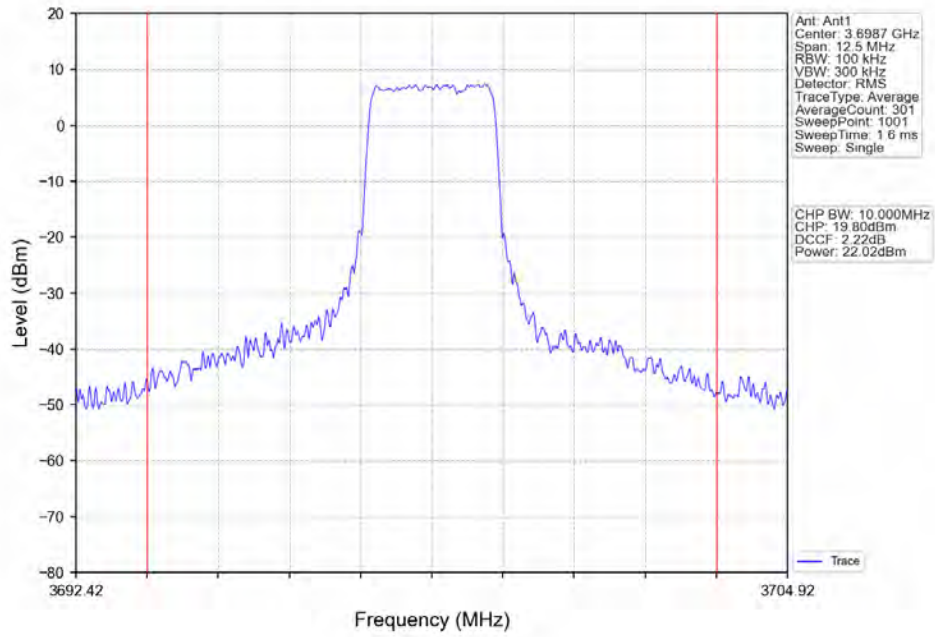
Band48 5MHz 16QAM HCH 3697.5MHz RB 12 0 NTNV



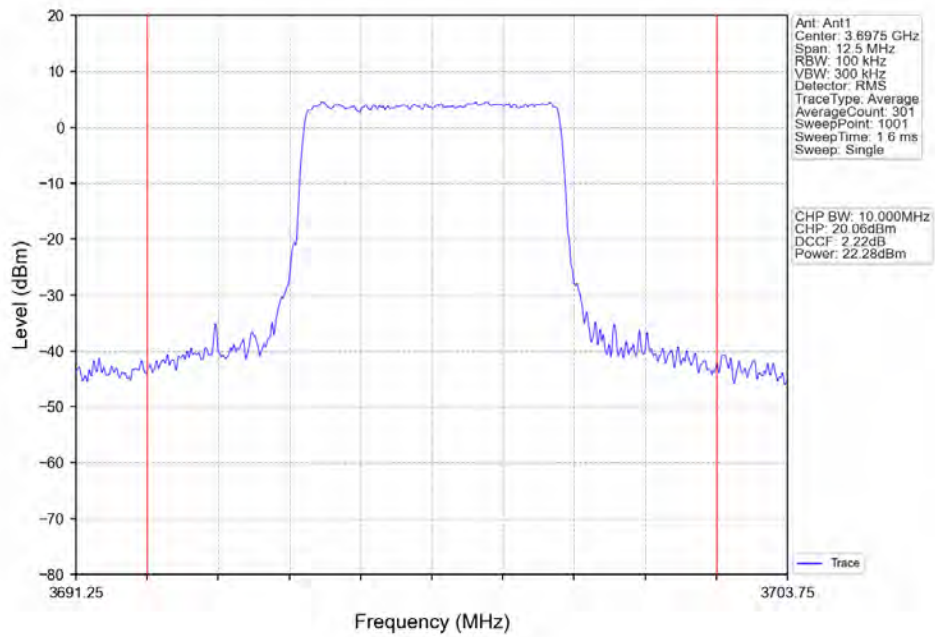
Band48 5MHz 16QAM HCH 3697.5MHz RB 12 6 NTNV



Band48 5MHz 16QAM HCH 3697.5MHz RB 12 13 NTNV



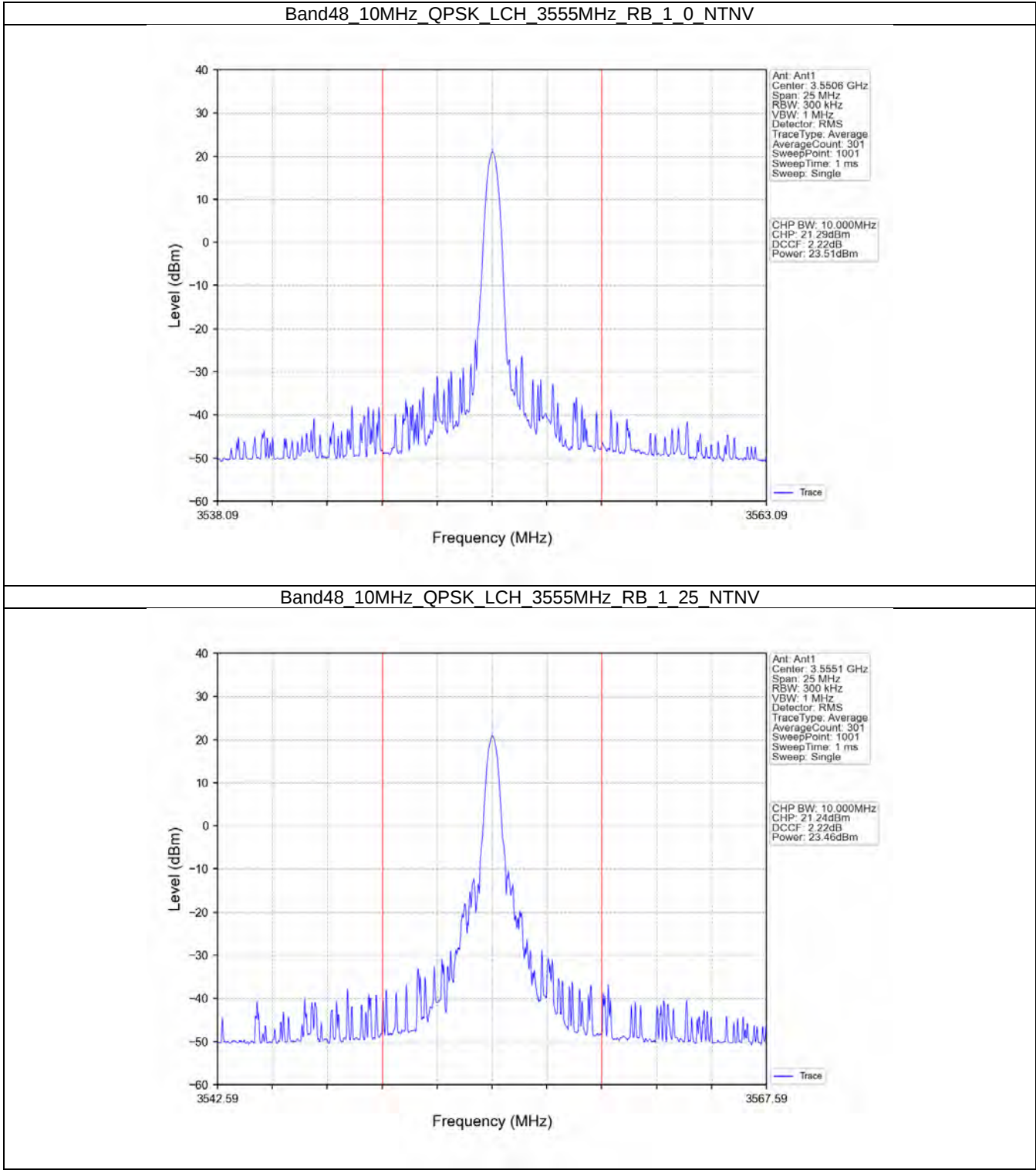
Band48 5MHz 16QAM HCH 3697.5MHz RB 25 0 NTNV



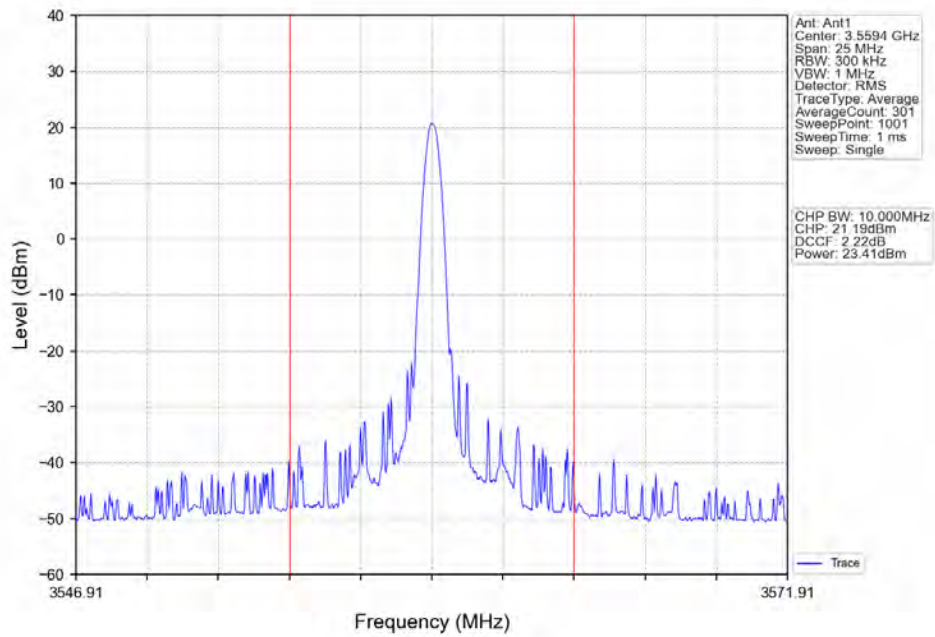
### 1.2.1 Test Result

Note1: EIRP=Conducted Power+Antenna Gain

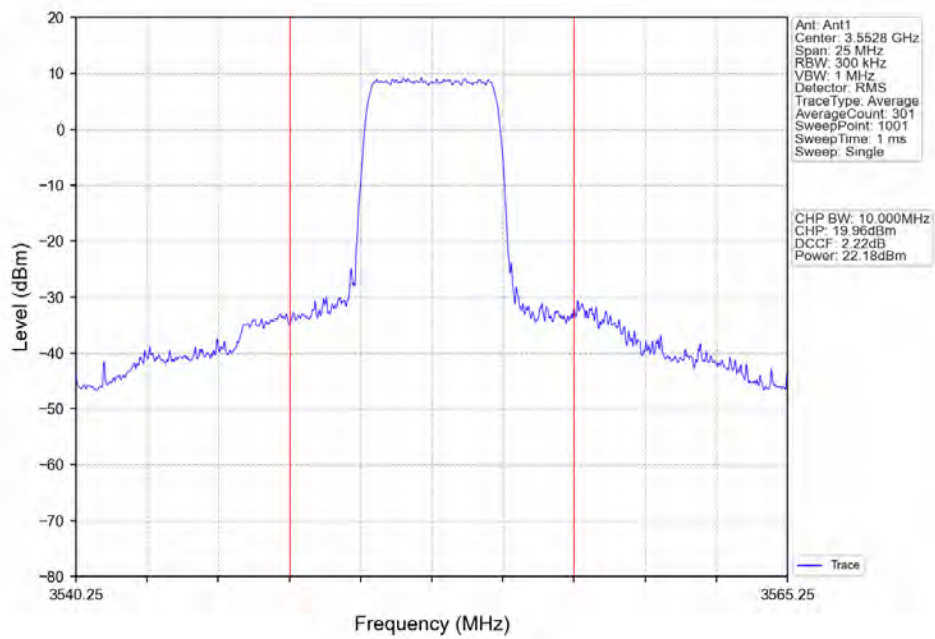
1.2.2 Test Graph



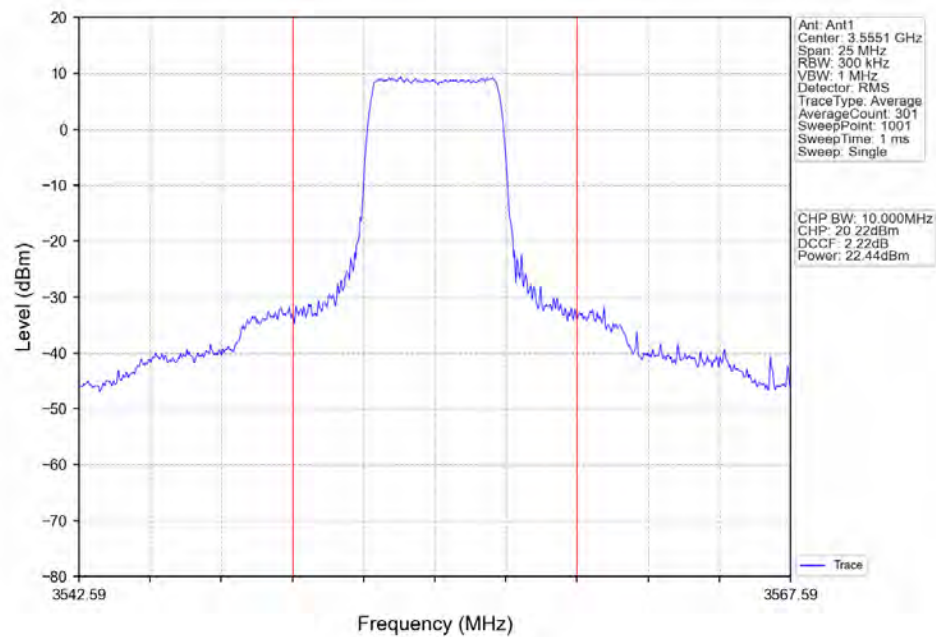
Band48 10MHz QPSK LCH 3555MHz RB 1 49 NTNV



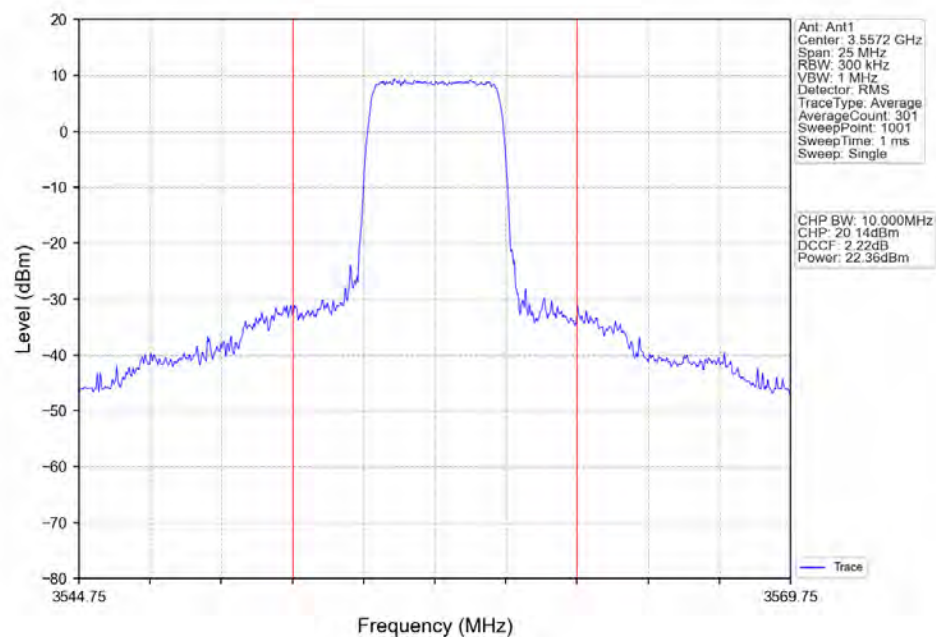
Band48 10MHz QPSK LCH 3555MHz RB 25 0 NTNV



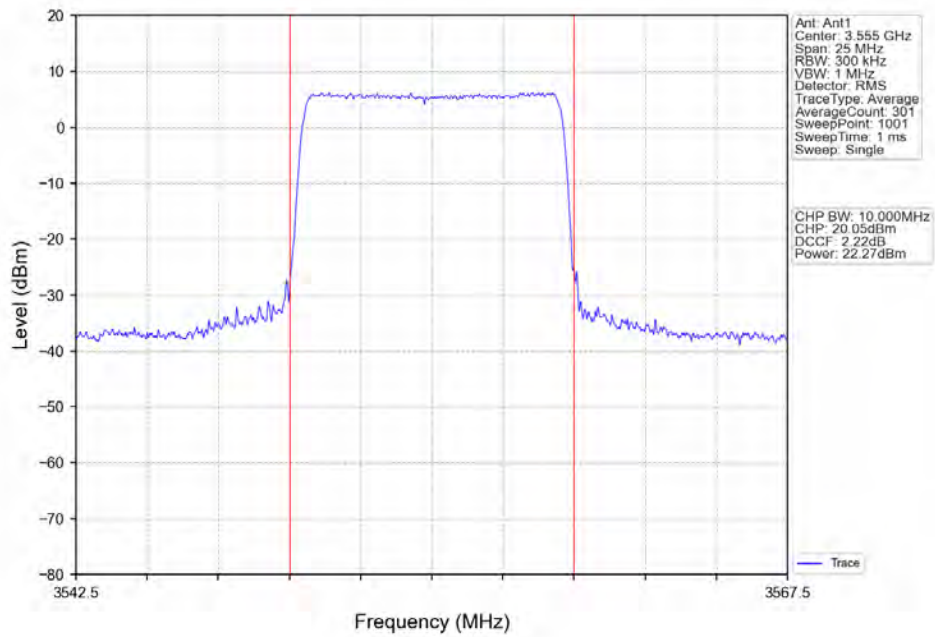
Band48 10MHz QPSK LCH 3555MHz RB 25 13 NTNV



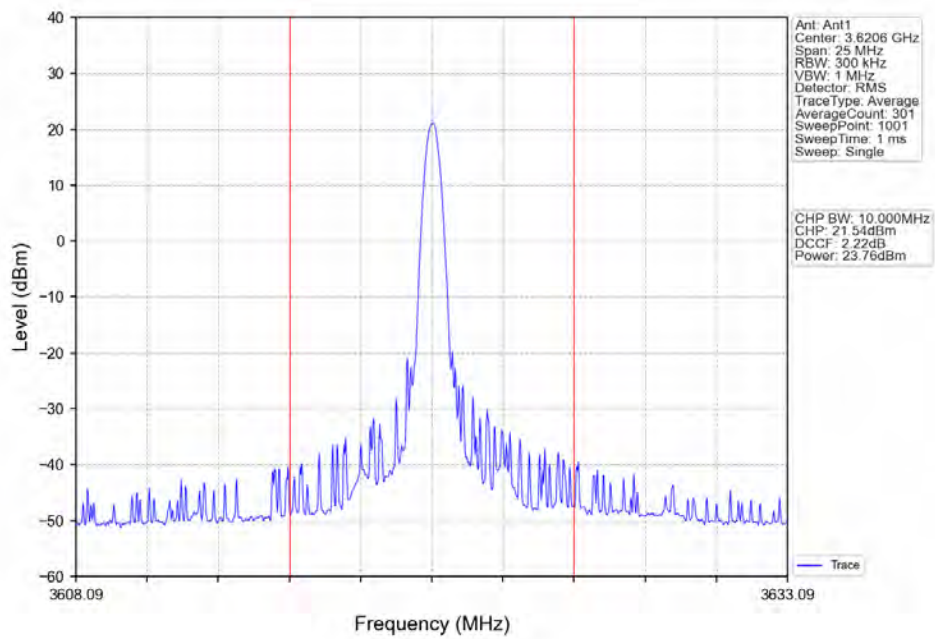
Band48 10MHz QPSK LCH 3555MHz RB 25 25 NTNV



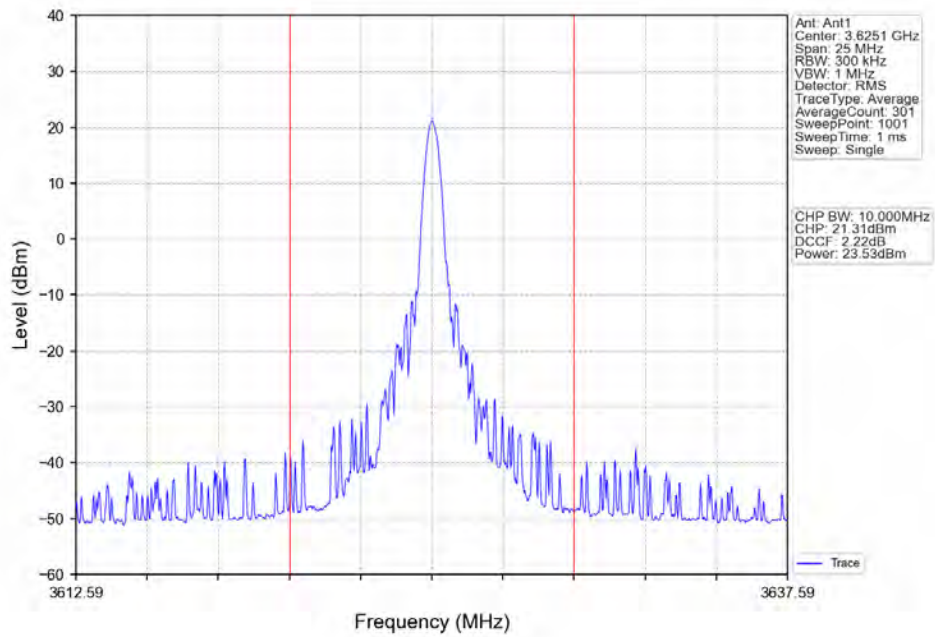
Band48 10MHz QPSK LCH 3555MHz RB 50 0 NTNV



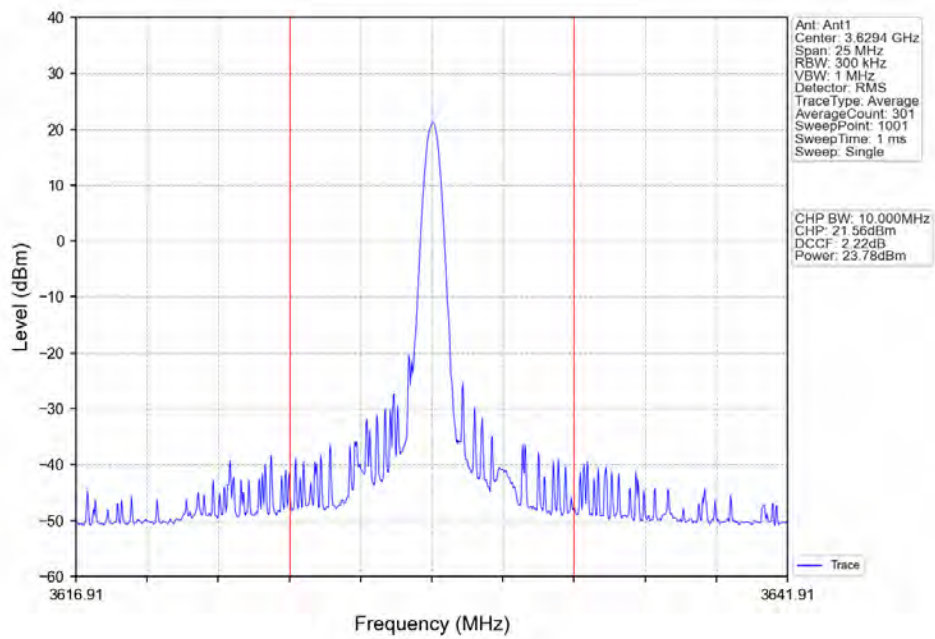
Band48 10MHz QPSK MCH 3625MHz RB 1 0 NTNV



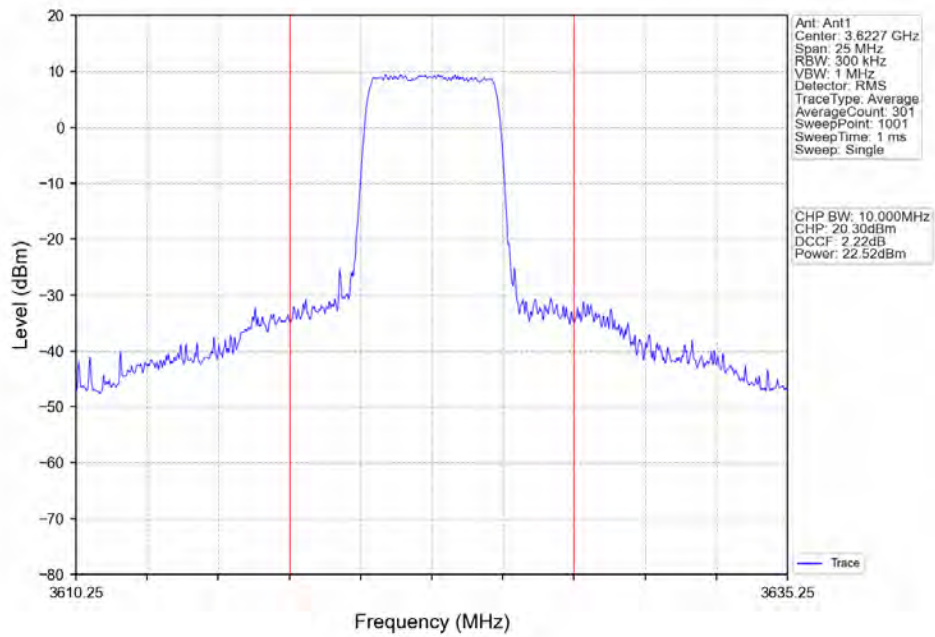
Band48 10MHz QPSK MCH 3625MHz RB 1 25 NTNV



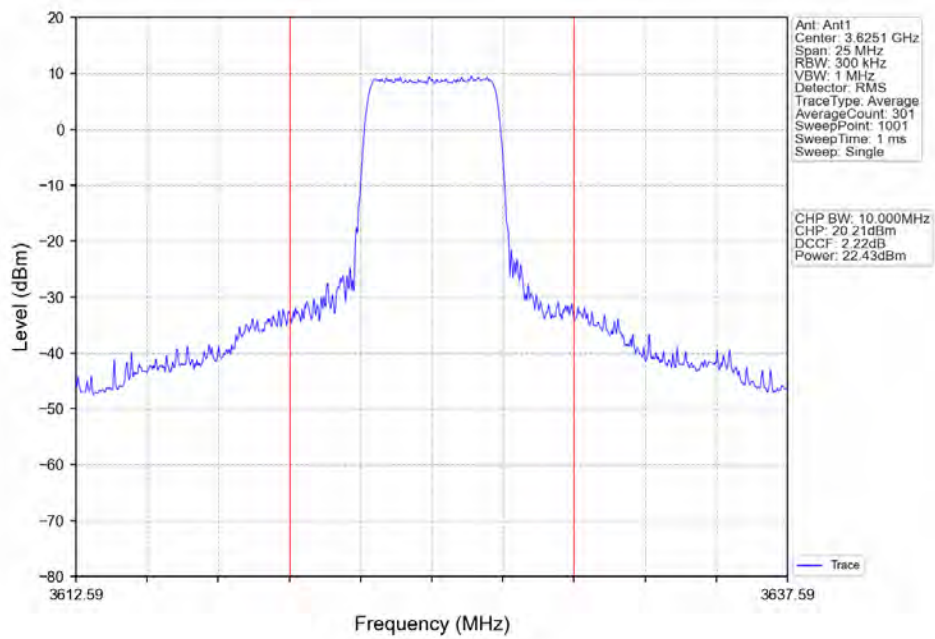
Band48 10MHz QPSK MCH 3625MHz RB 1 49 NTNV



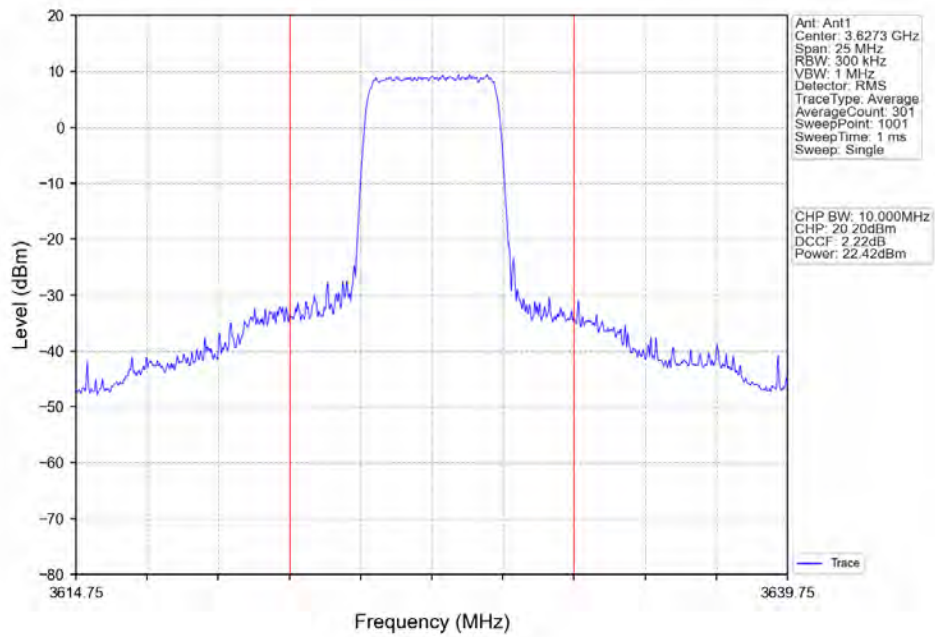
Band48 10MHz QPSK MCH 3625MHz RB 25 0 NTNV



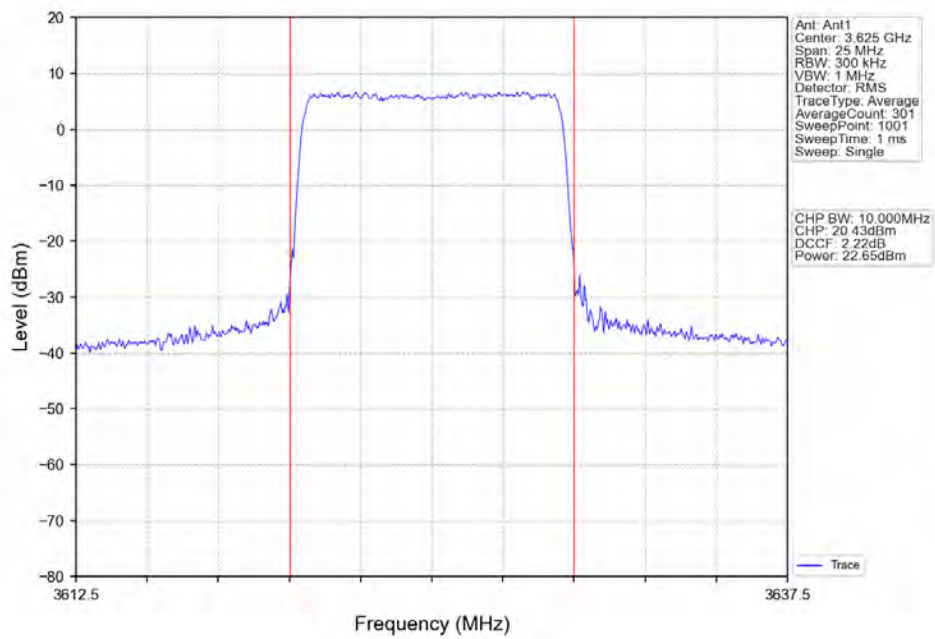
Band48 10MHz QPSK MCH 3625MHz RB 25 13 NTNV



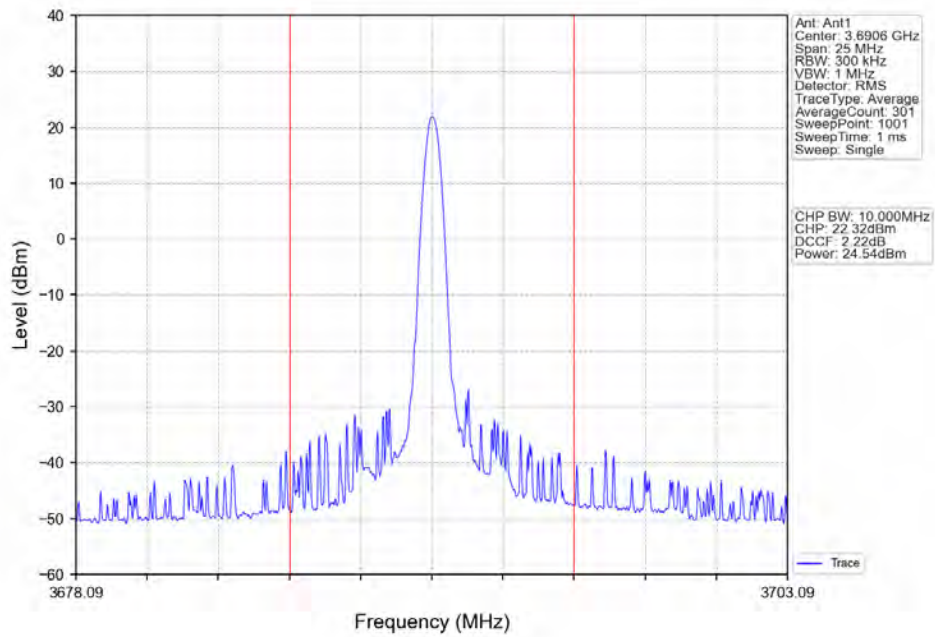
Band48 10MHz QPSK MCH 3625MHz RB 25 25 NTNV



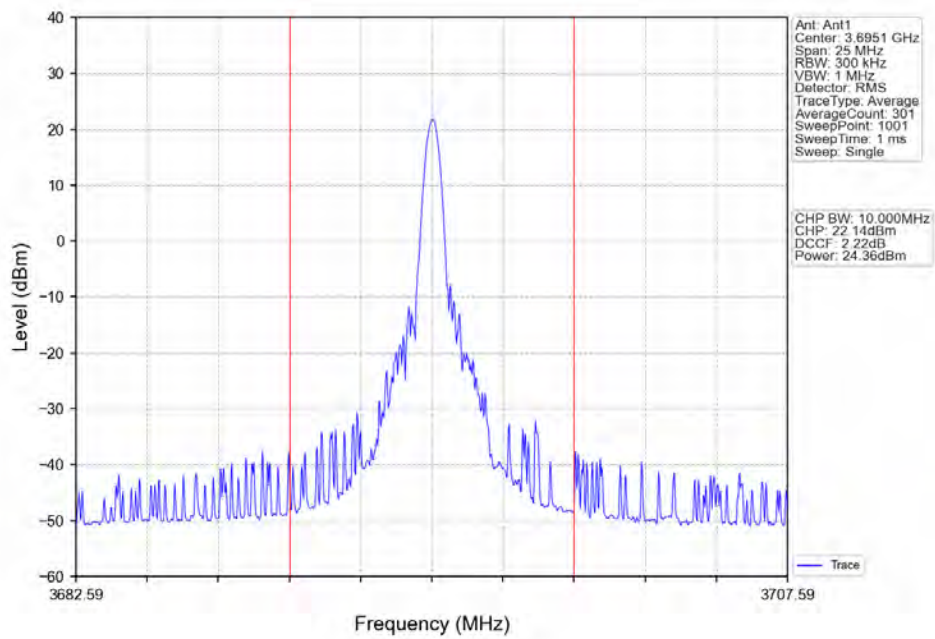
Band48 10MHz QPSK MCH 3625MHz RB 50 0 NTNV



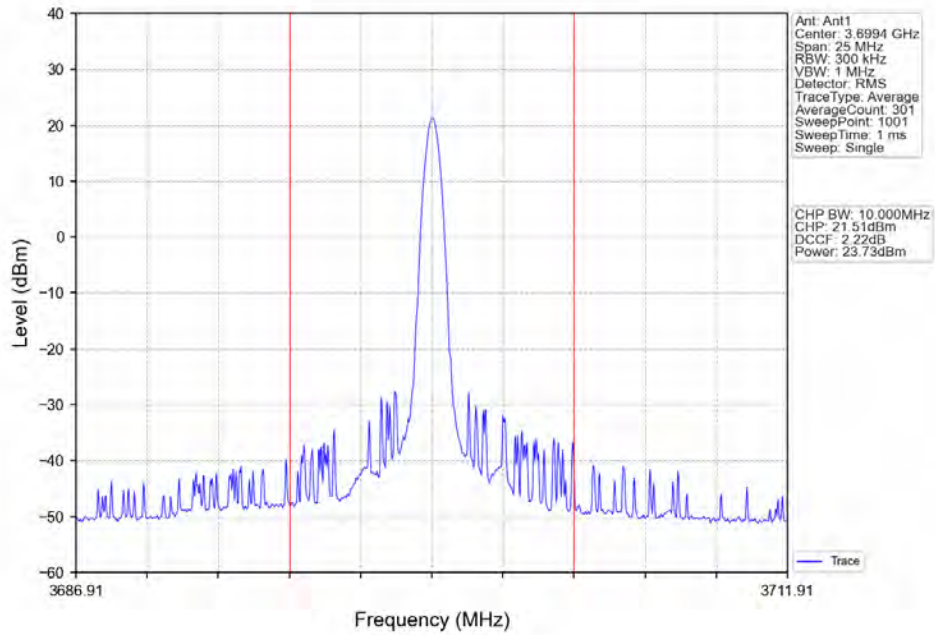
Band48 10MHz QPSK HCH 3695MHz RB 1 0 NTNV



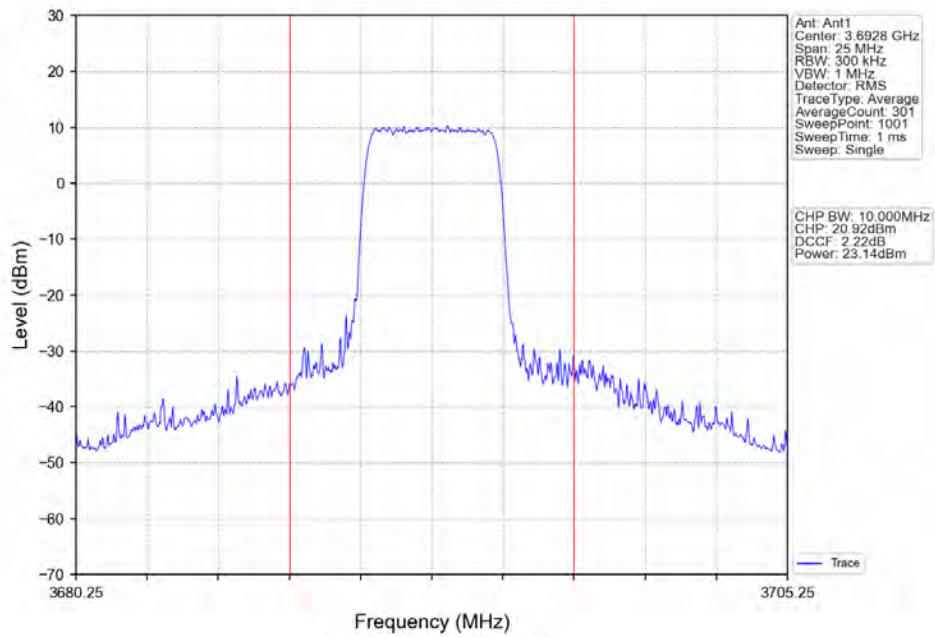
Band48 10MHz QPSK HCH 3695MHz RB 1 25 NTNV



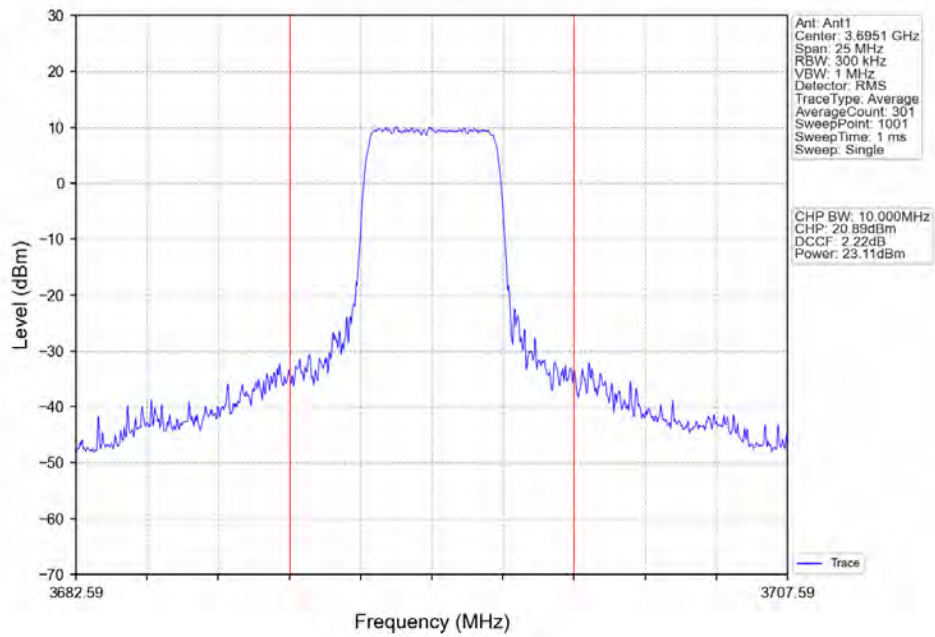
Band48 10MHz QPSK HCH 3695MHz RB 1 49 NTNV



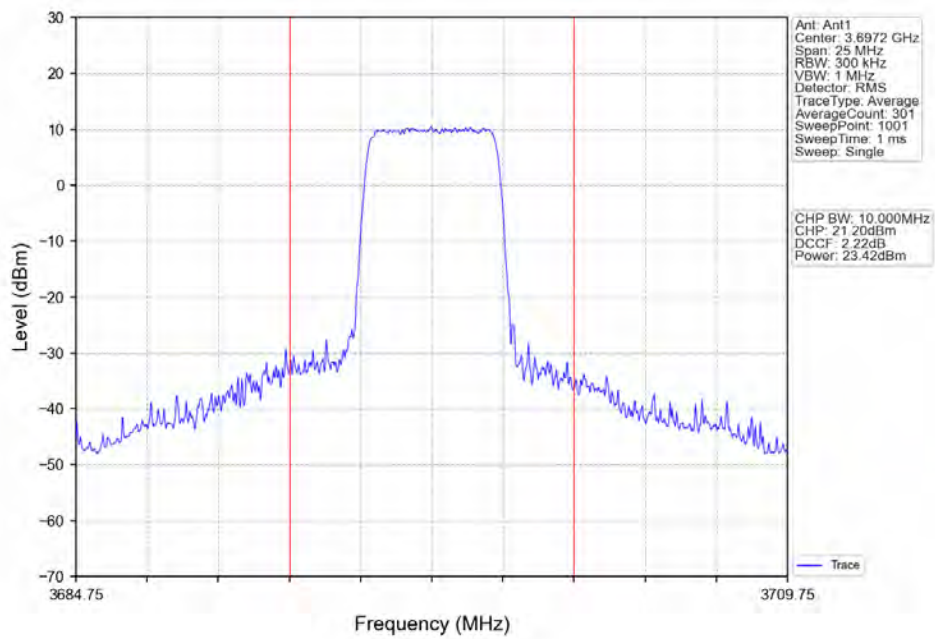
Band48 10MHz QPSK HCH 3695MHz RB 25 0 NTNV



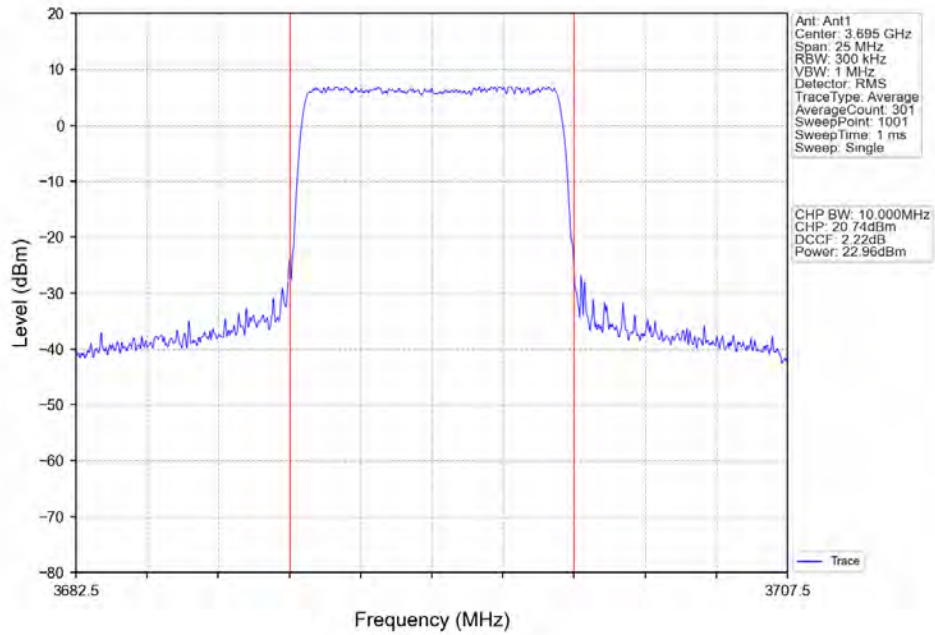
Band48 10MHz QPSK HCH 3695MHz RB 25 13 NTNV



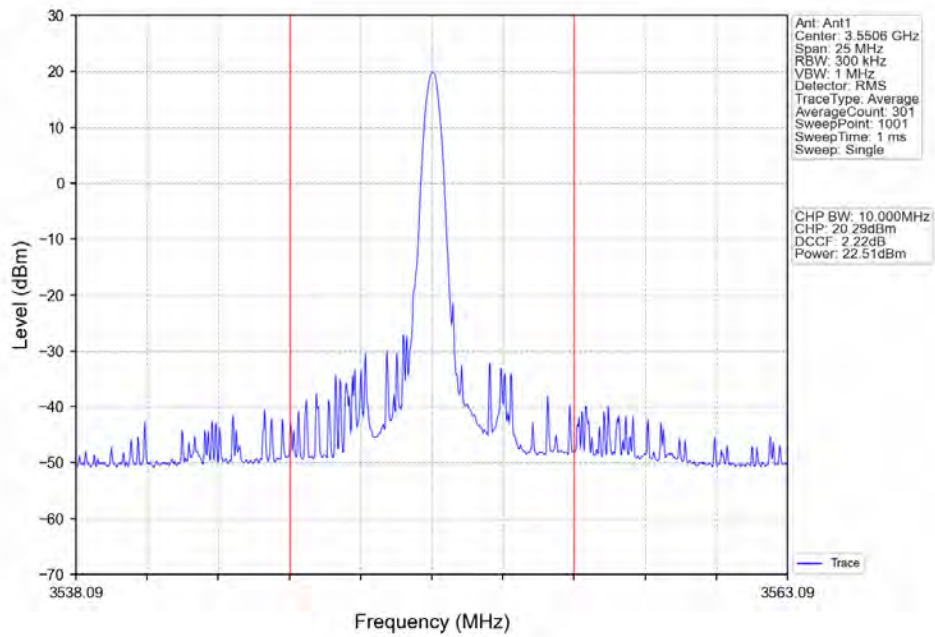
Band48 10MHz QPSK HCH 3695MHz RB 25 25 NTNV



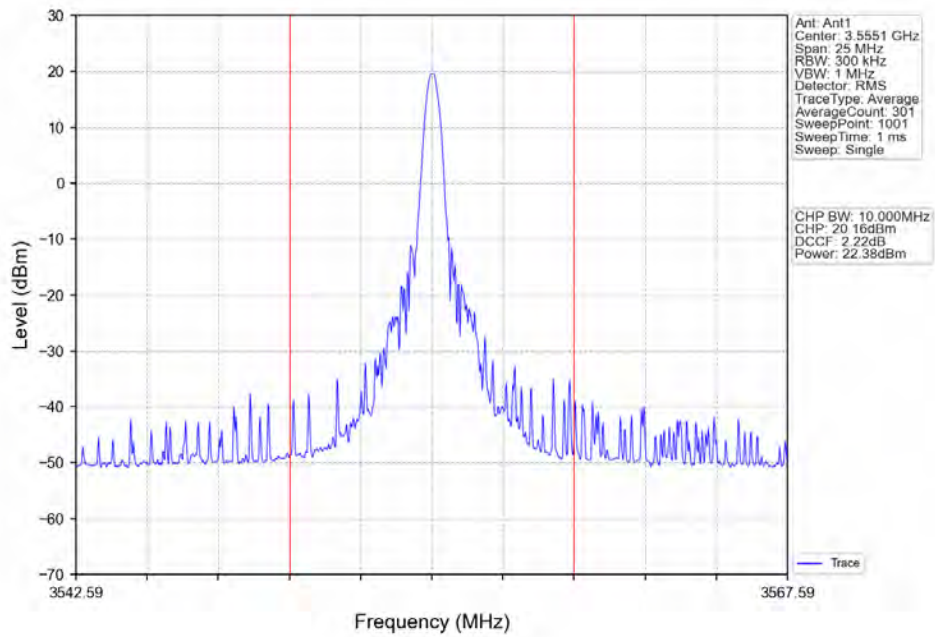
Band48 10MHz QPSK HCH 3695MHz RB 50 0 NTNV



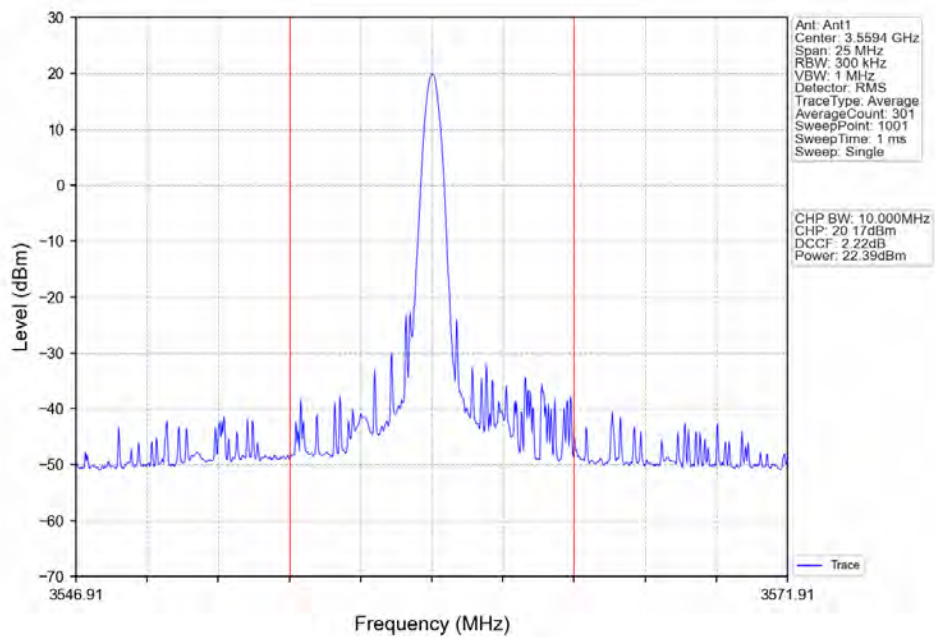
Band48 10MHz 16QAM LCH 3555MHz RB 1 0 NTNV



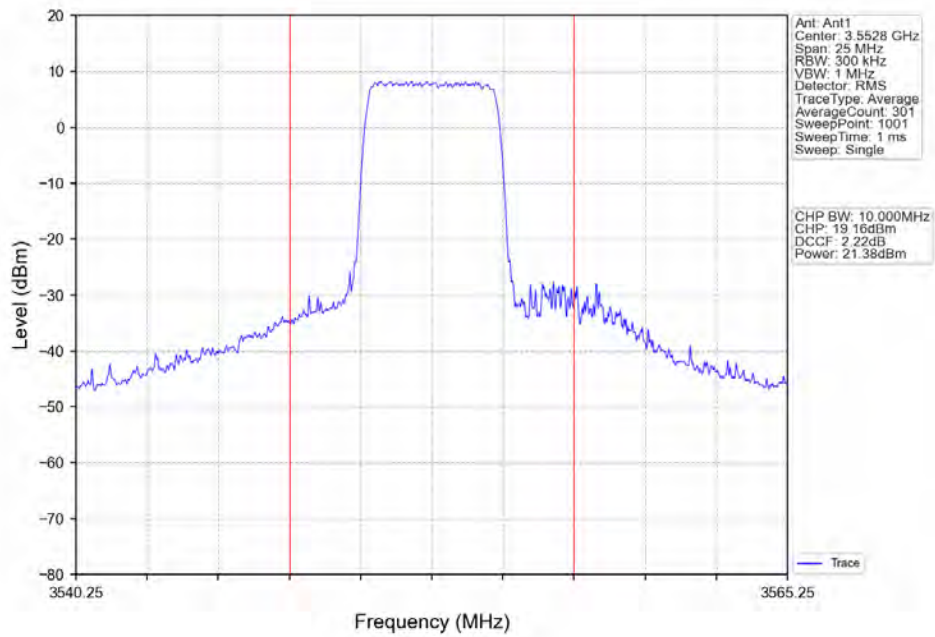
Band48 10MHz 16QAM LCH 3555MHz RB 1 25 NTNV



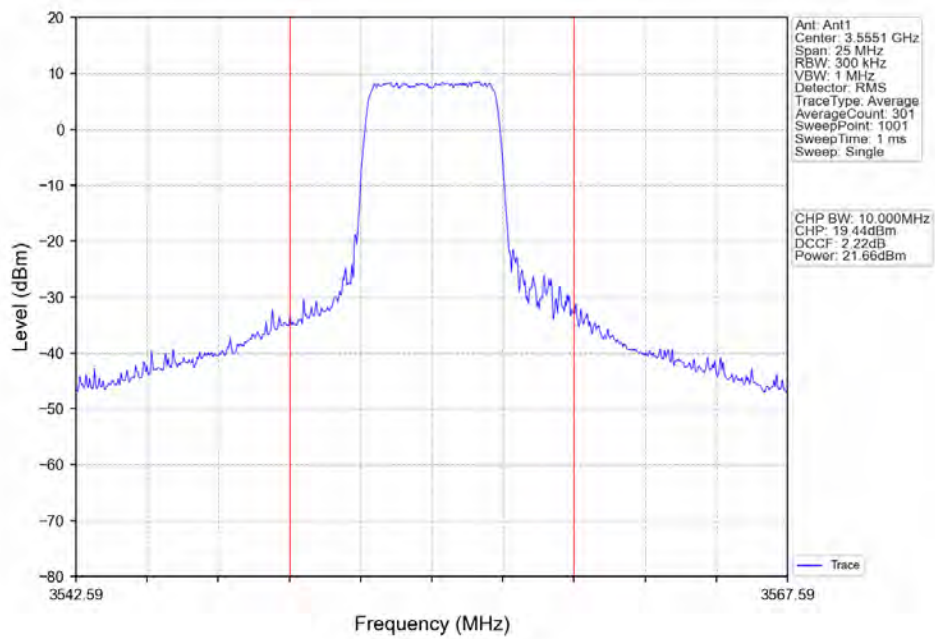
Band48 10MHz 16QAM LCH 3555MHz RB 1 49 NTNV



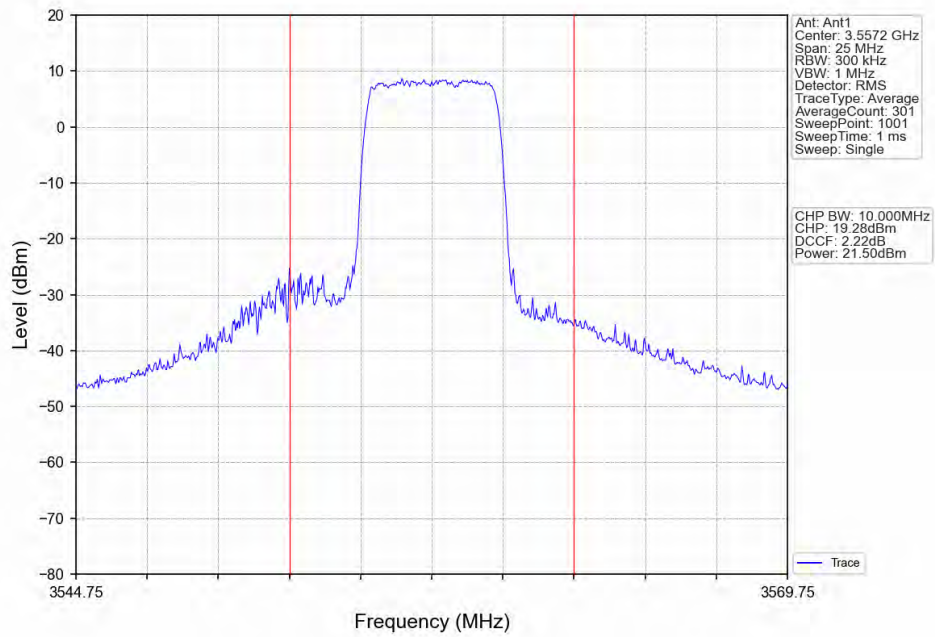
Band48 10MHz 16QAM LCH 3555MHz RB 25 0 NTNV



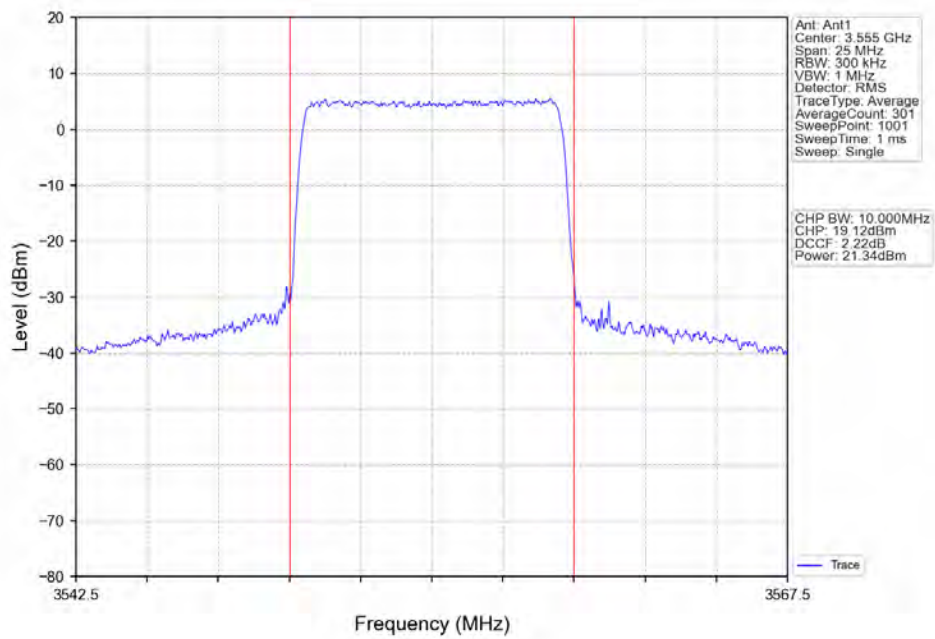
Band48 10MHz 16QAM LCH 3555MHz RB 25 13 NTNV



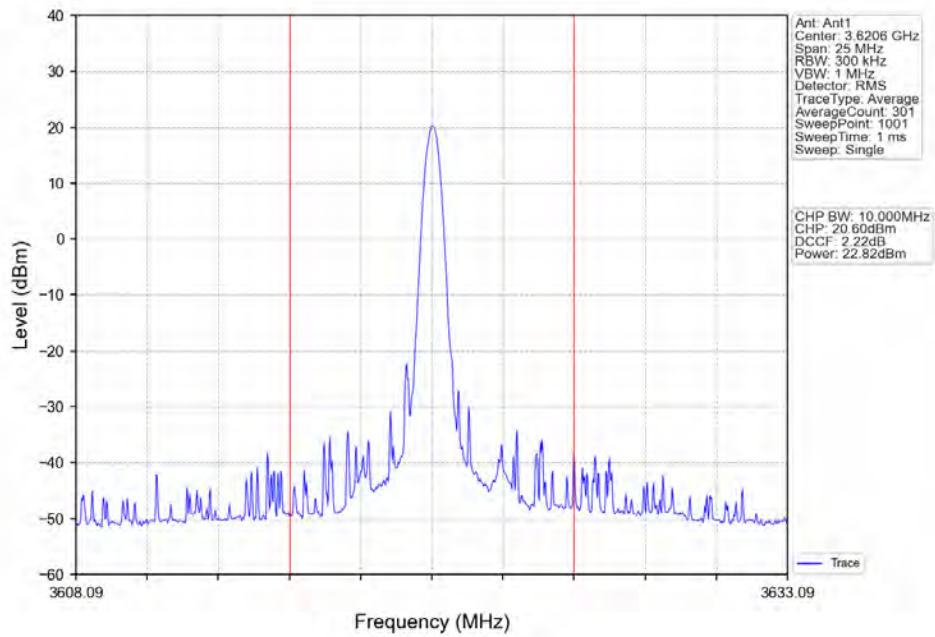
Band48 10MHz 16QAM LCH 3555MHz RB 25 25 NTN



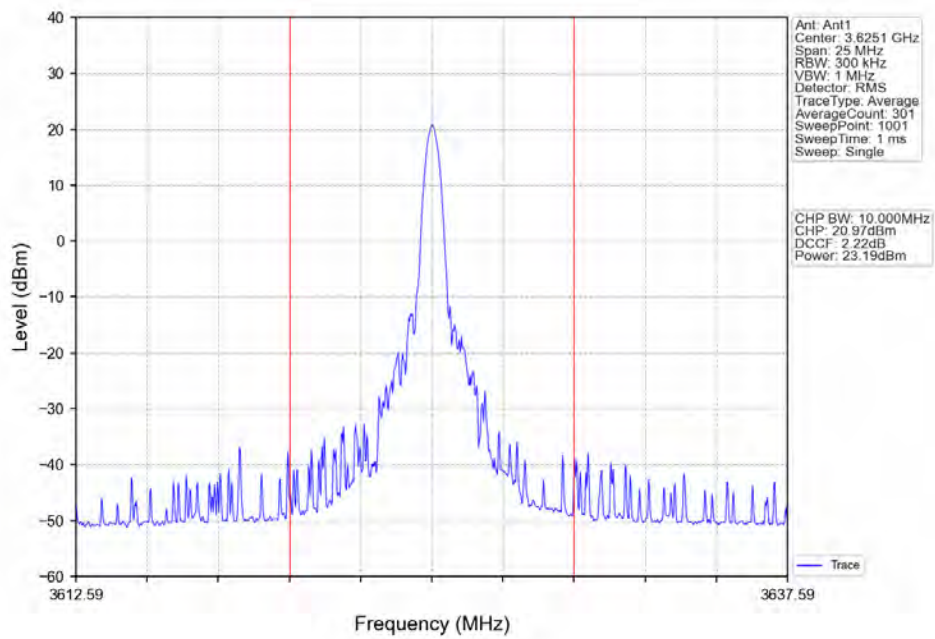
Band48 10MHz 16QAM LCH 3555MHz RB 50 0 NTN



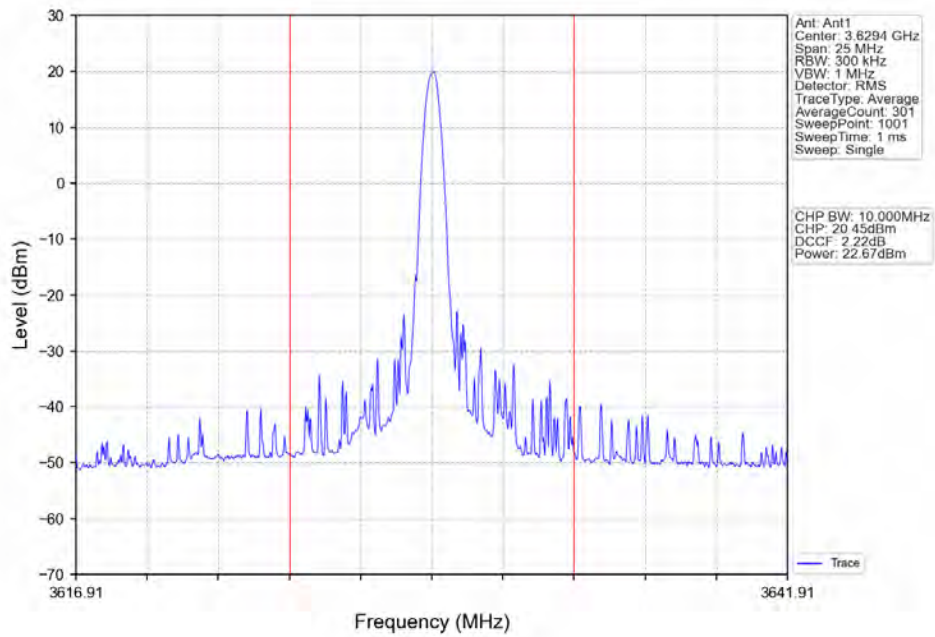
Band48 10MHz 16QAM MCH 3625MHz RB 1 0 NTNV



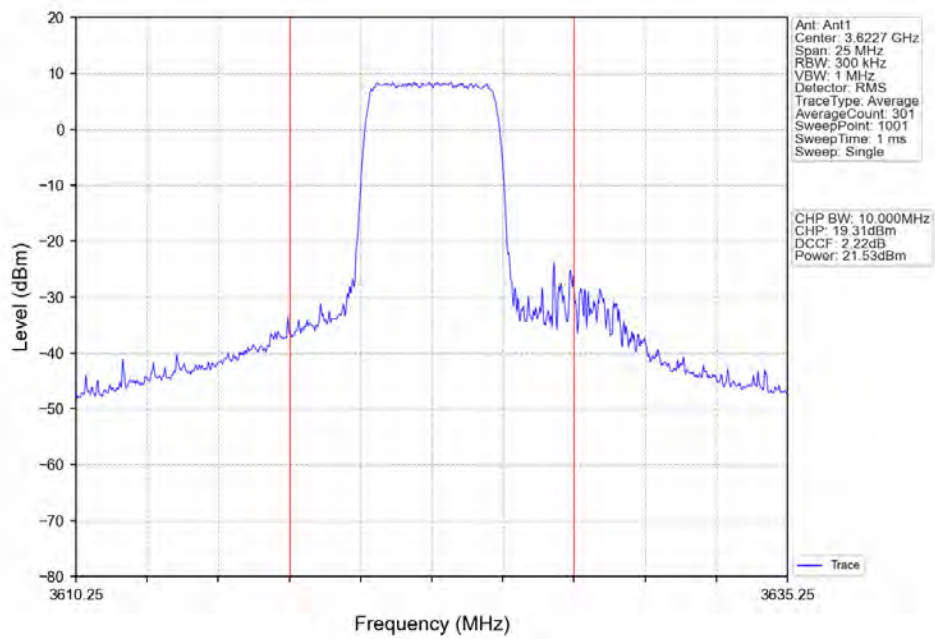
Band48 10MHz 16QAM MCH 3625MHz RB 1 25 NTNV



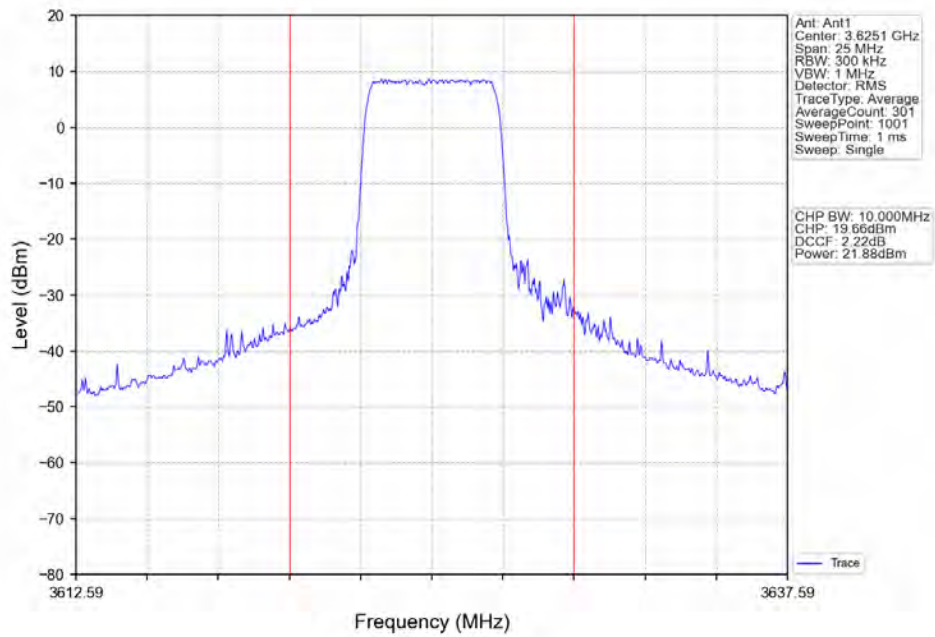
Band48 10MHz 16QAM MCH 3625MHz RB 1 49 NTNV



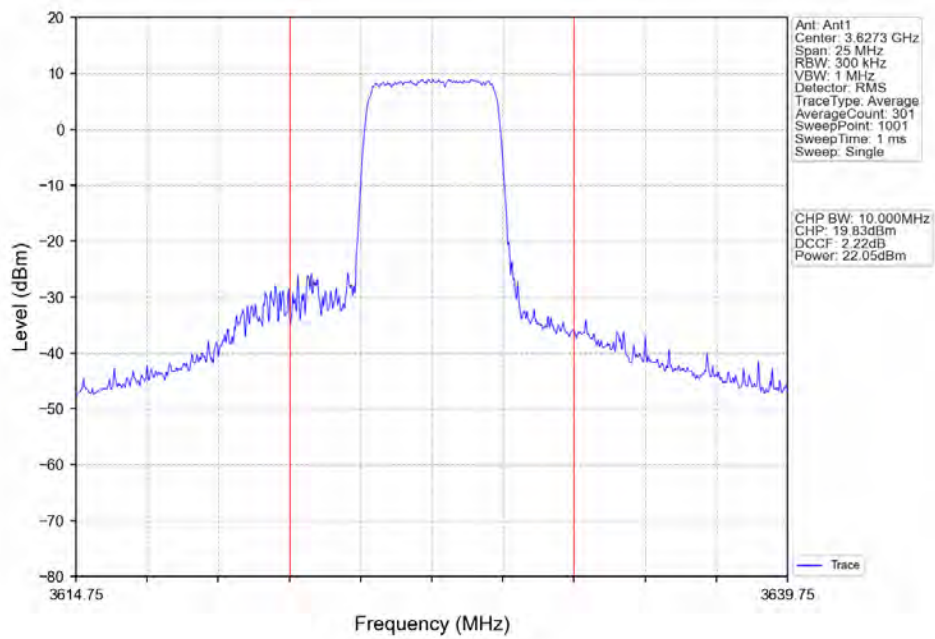
Band48 10MHz 16QAM MCH 3625MHz RB 25 0 NTNV



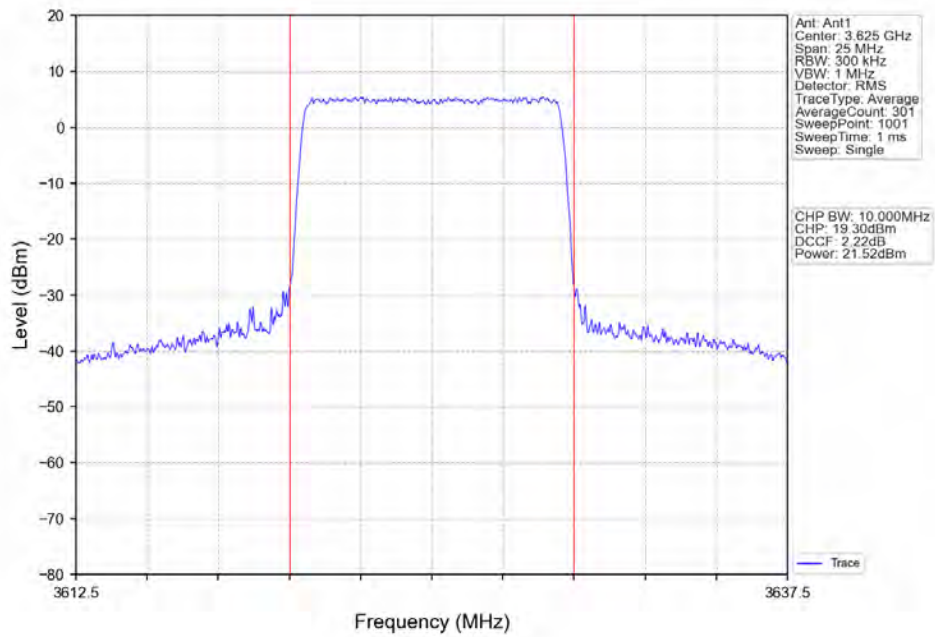
Band48 10MHz 16QAM MCH 3625MHz RB 25 13 NTN



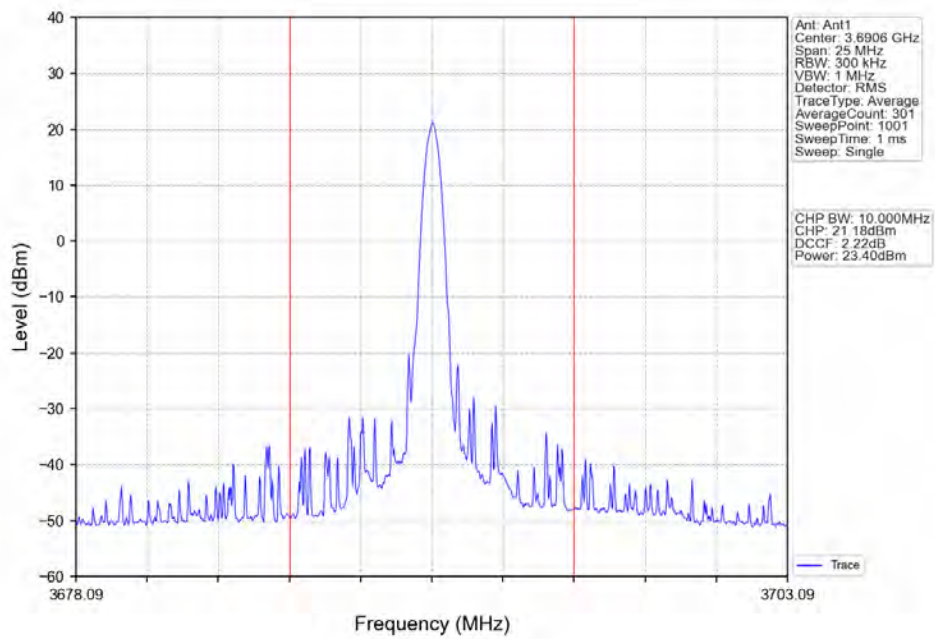
Band48 10MHz 16QAM MCH 3625MHz RB 25 25 NTN



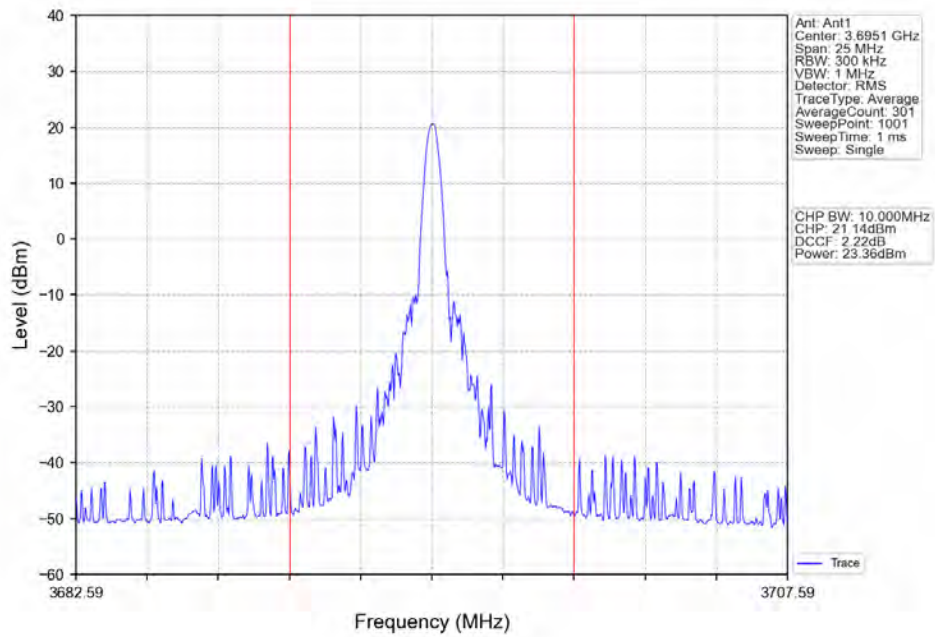
Band48 10MHz 16QAM MCH 3625MHz RB 50 0 NTNV



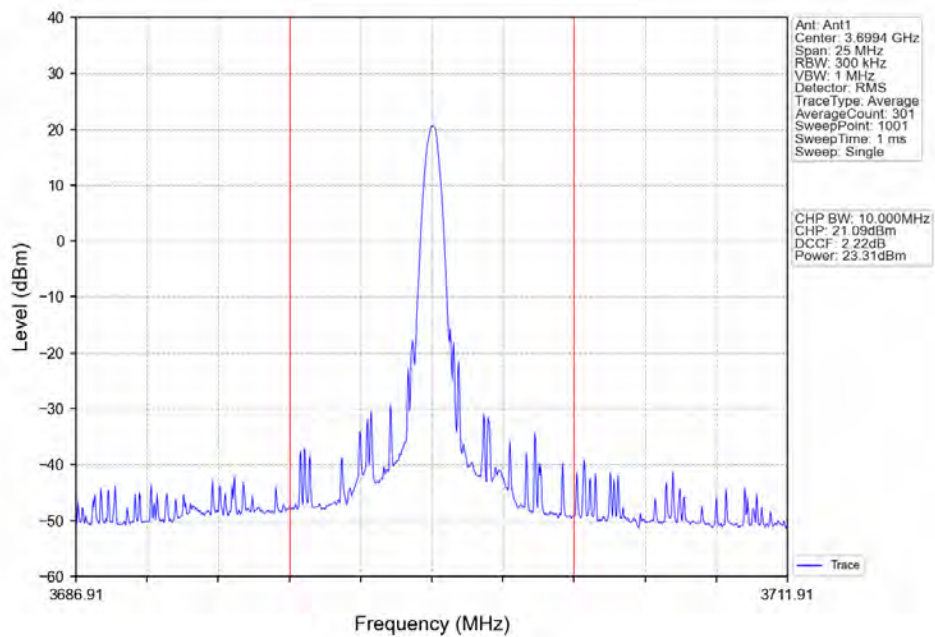
Band48 10MHz 16QAM HCH 3695MHz RB 1 0 NTNV



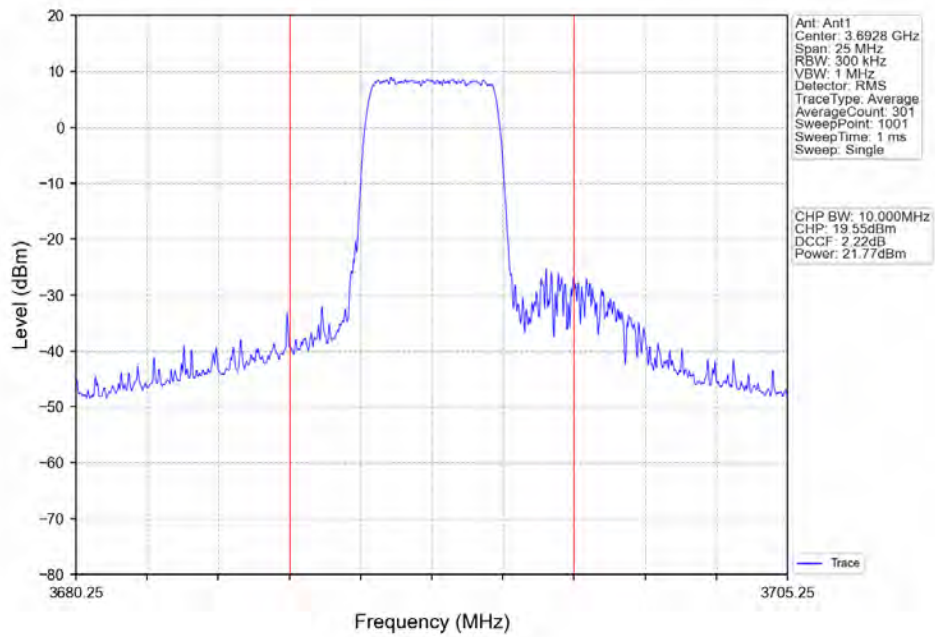
Band48 10MHz 16QAM HCH 3695MHz RB 1 25 NTNV



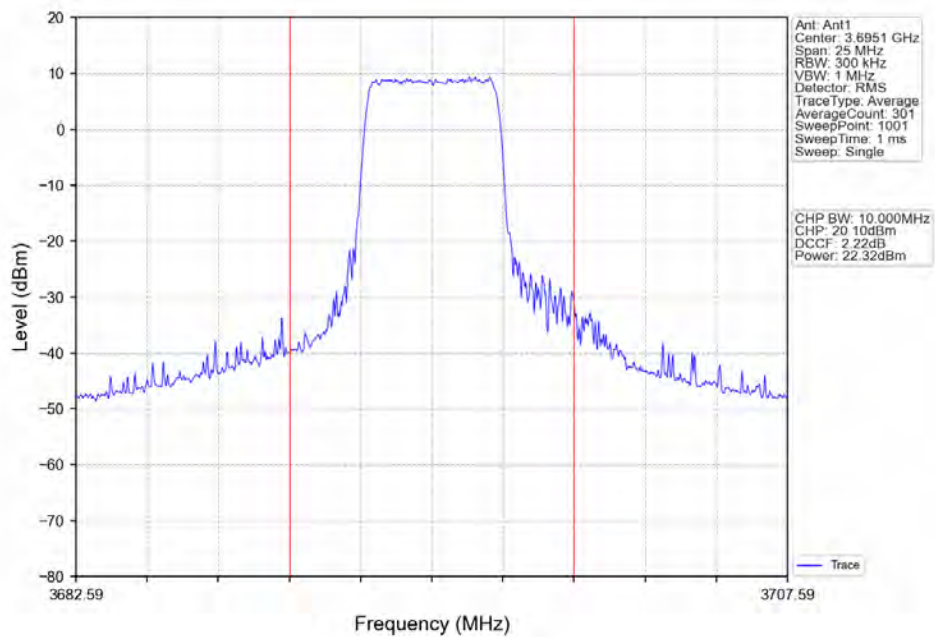
Band48 10MHz 16QAM HCH 3695MHz RB 1 49 NTNV



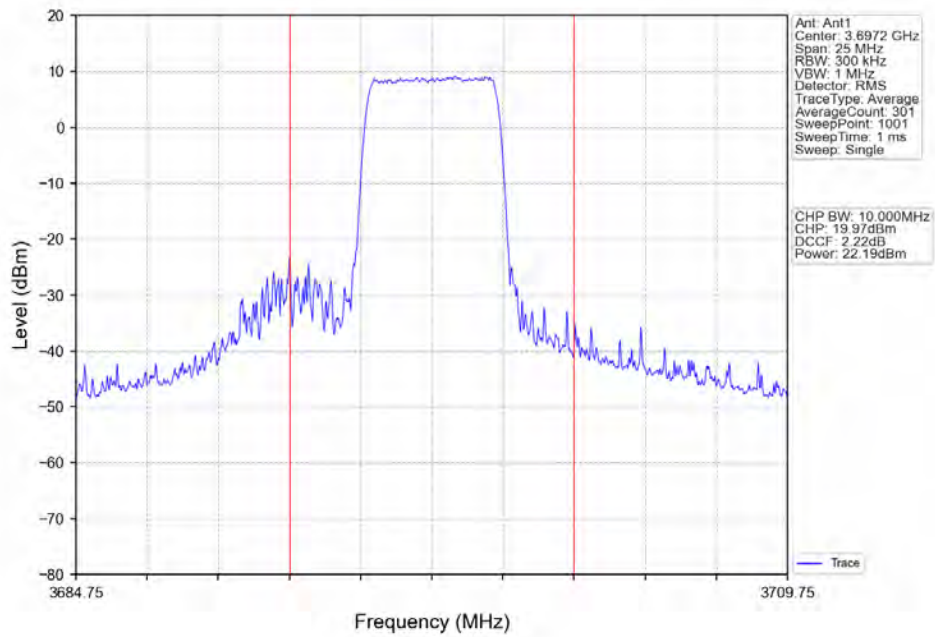
Band48 10MHz 16QAM HCH 3695MHz RB 25 0 NTNV



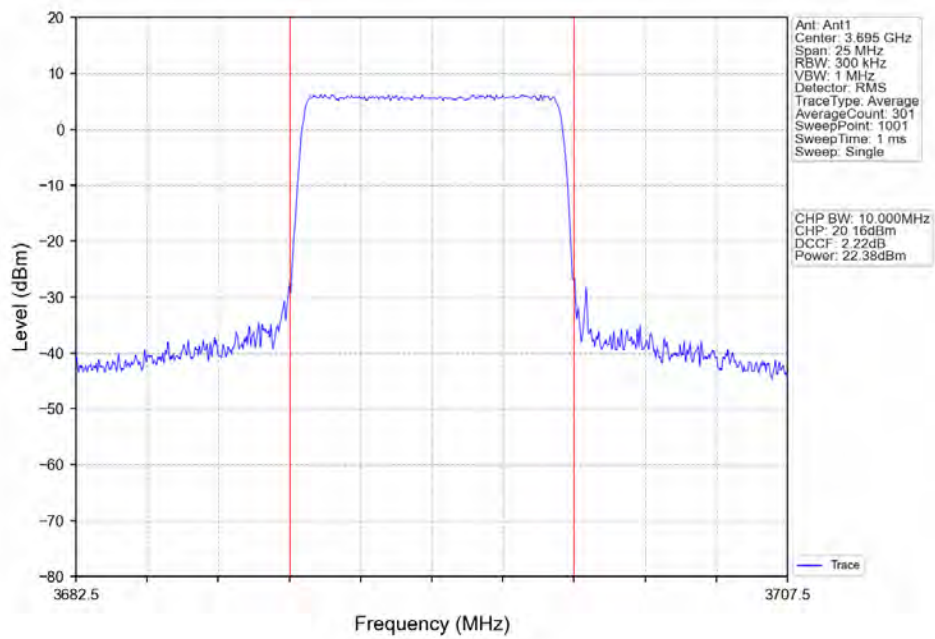
Band48 10MHz 16QAM HCH 3695MHz RB 25 13 NTNV



Band48 10MHz 16QAM HCH 3695MHz RB 25 25 NTNV



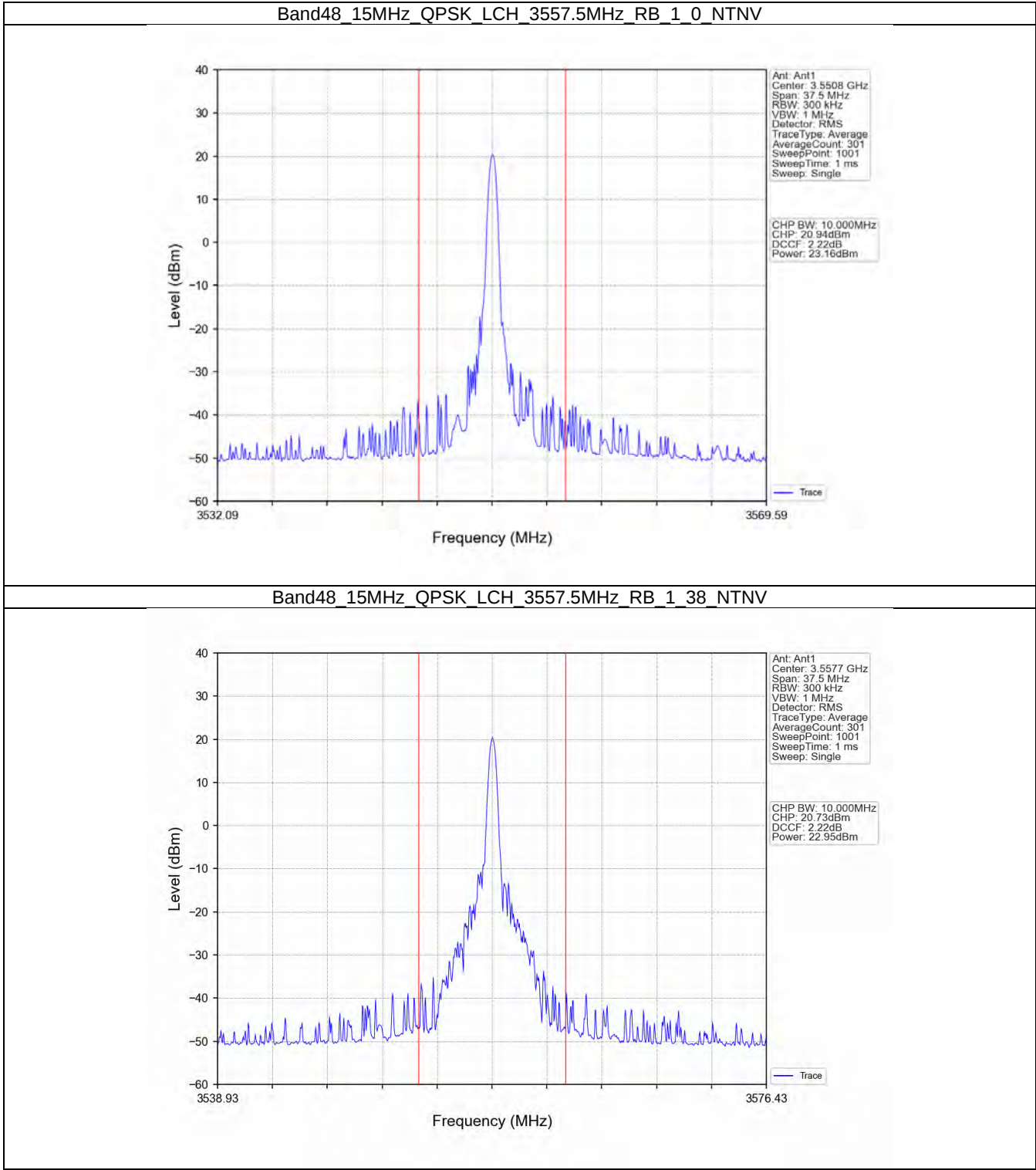
Band48 10MHz 16QAM HCH 3695MHz RB 50 0 NTNV



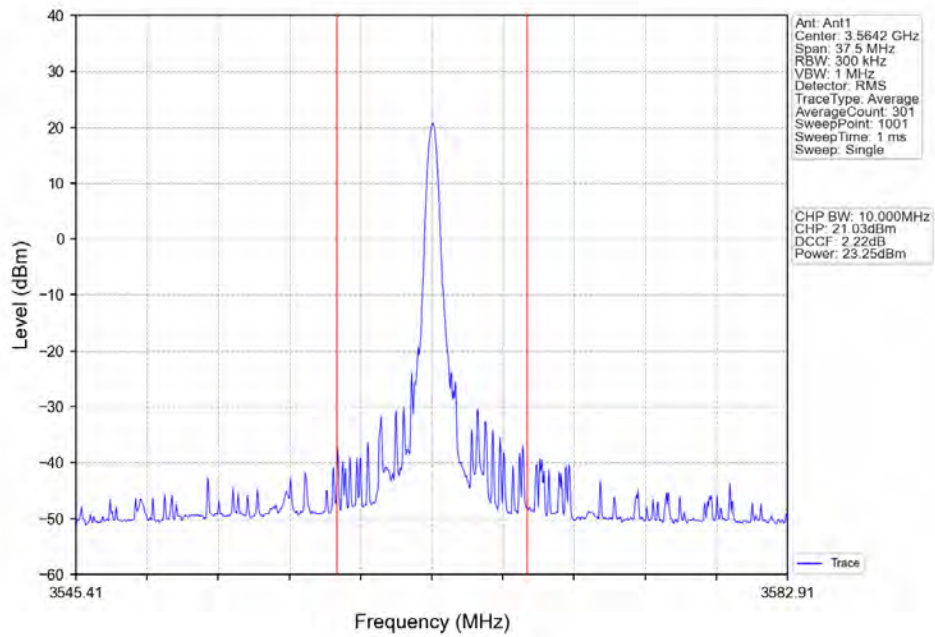
### 1.3.1 Test Result

Note1: EIRP=Conducted Power+Antenna Gain

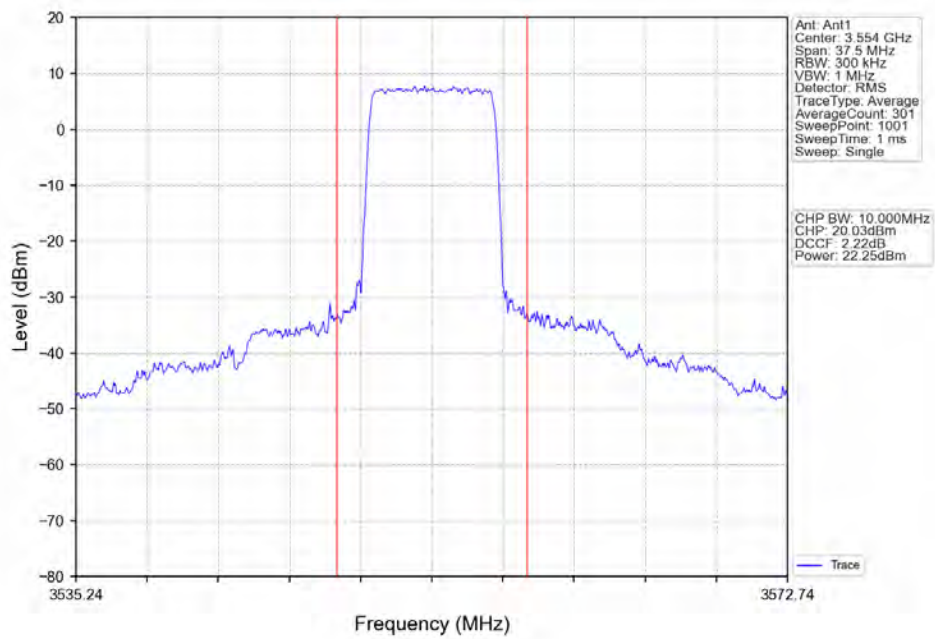
1.3.2 Test Graph



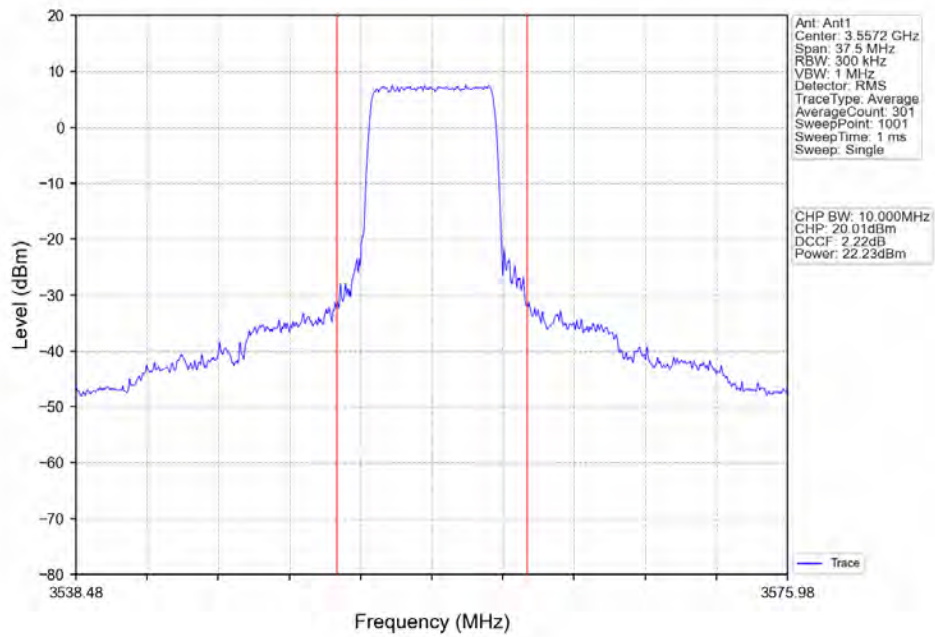
Band48 15MHz QPSK LCH 3557.5MHz RB 1 74 NTNV



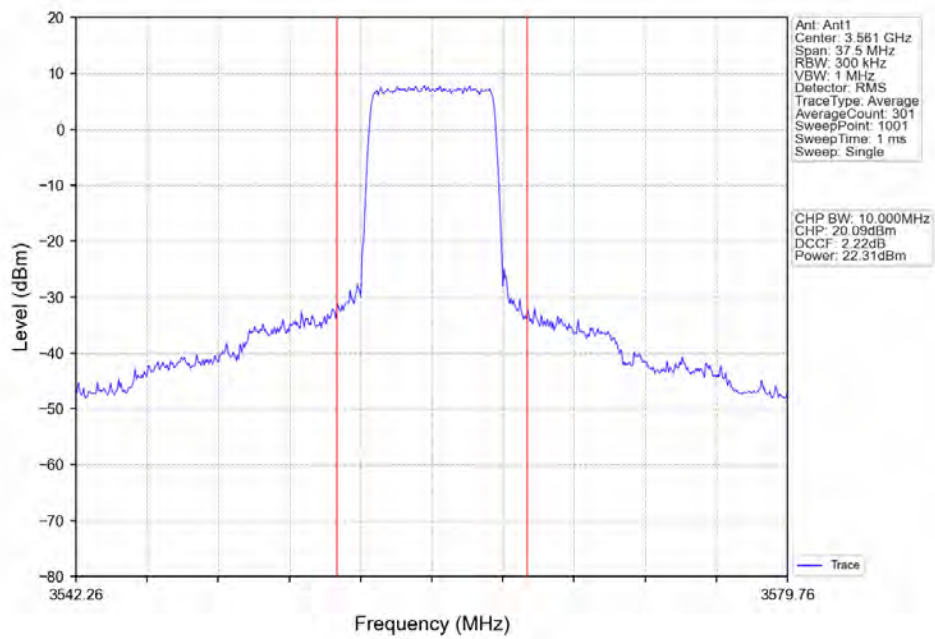
Band48 15MHz QPSK LCH 3557.5MHz RB 36 0 NTNV



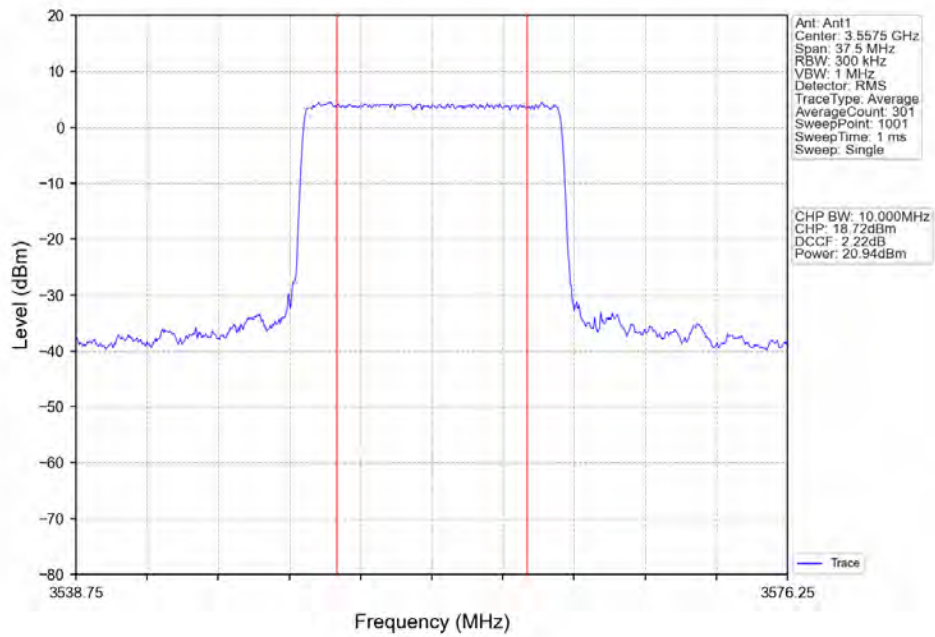
Band48 15MHz QPSK LCH 3557.5MHz RB 36 18 NTN



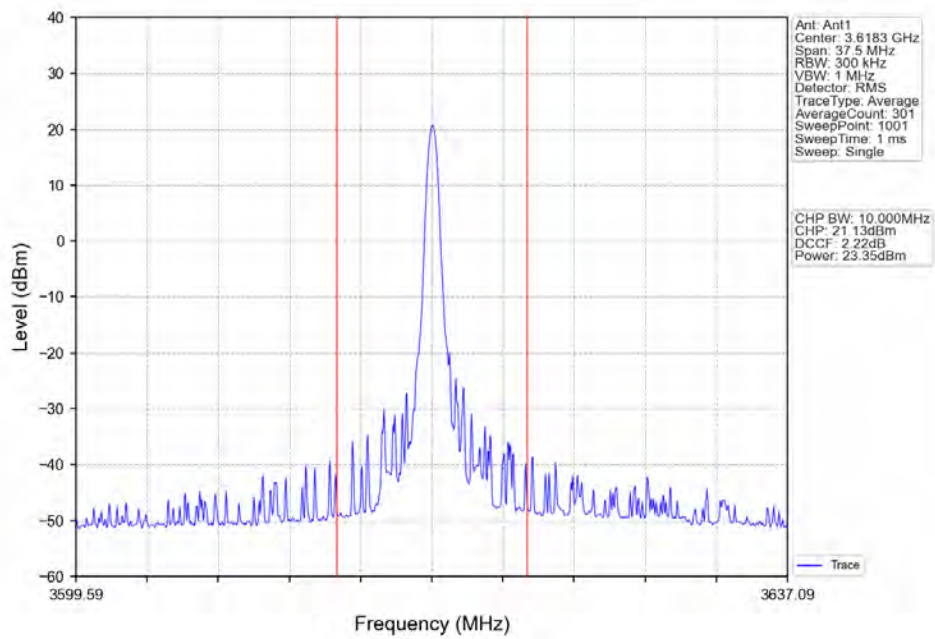
Band48 15MHz QPSK LCH 3557.5MHz RB 36 39 NTN



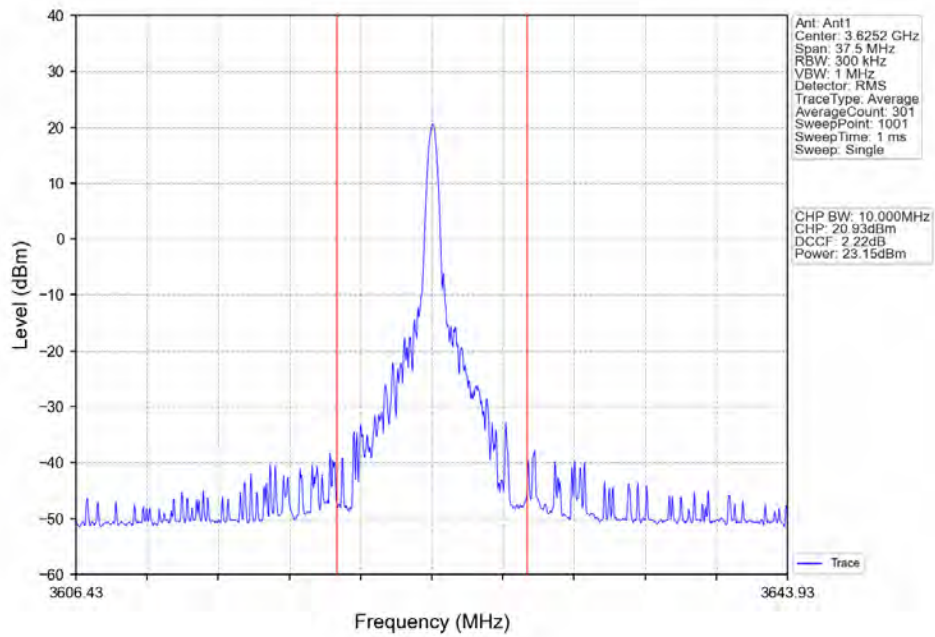
Band48 15MHz QPSK LCH 3557.5MHz RB 75 0 NTNV



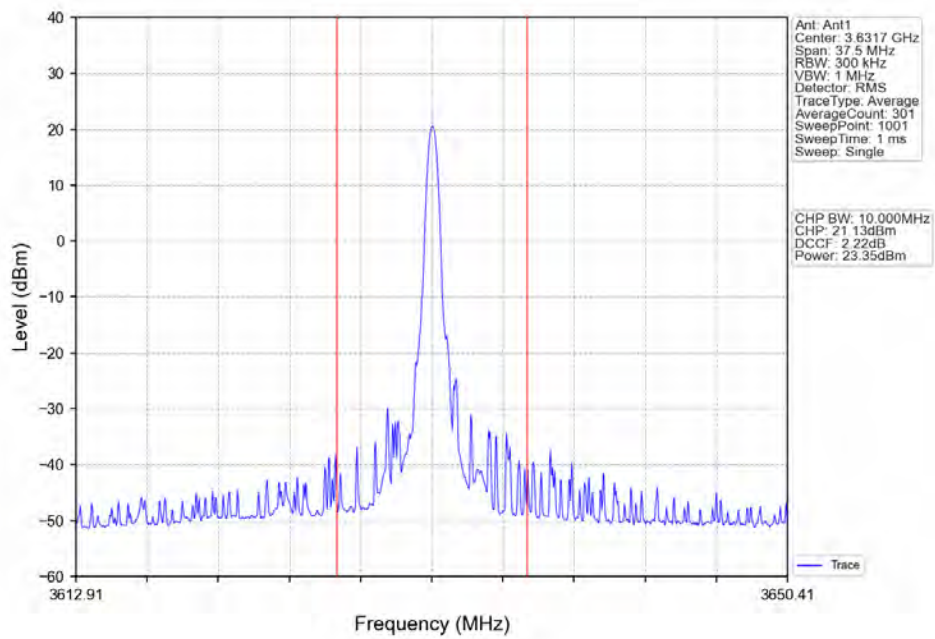
Band48 15MHz QPSK MCH 3625MHz RB 1 0 NTNV



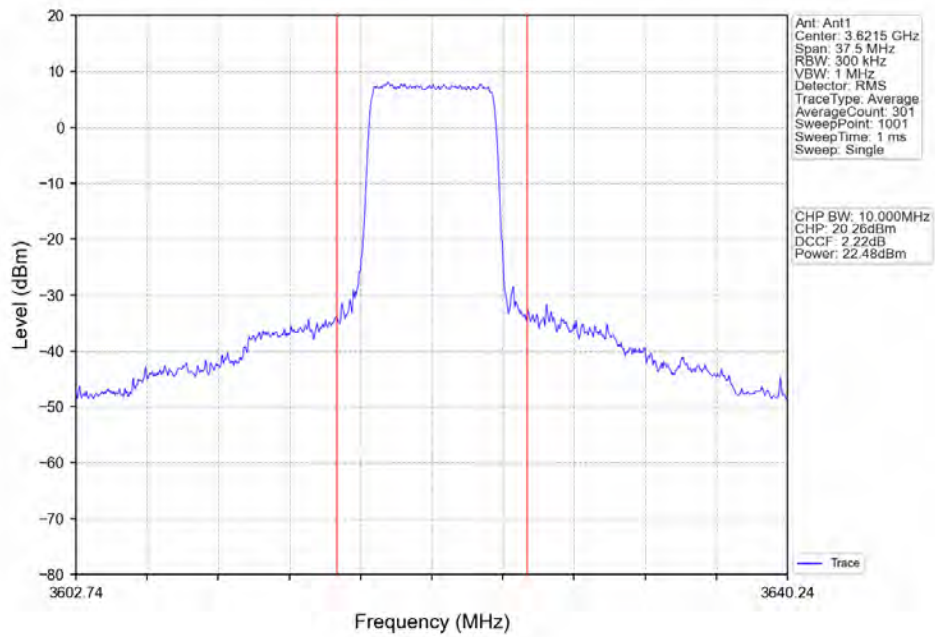
Band48 15MHz QPSK MCH 3625MHz RB 1 38 NTNV



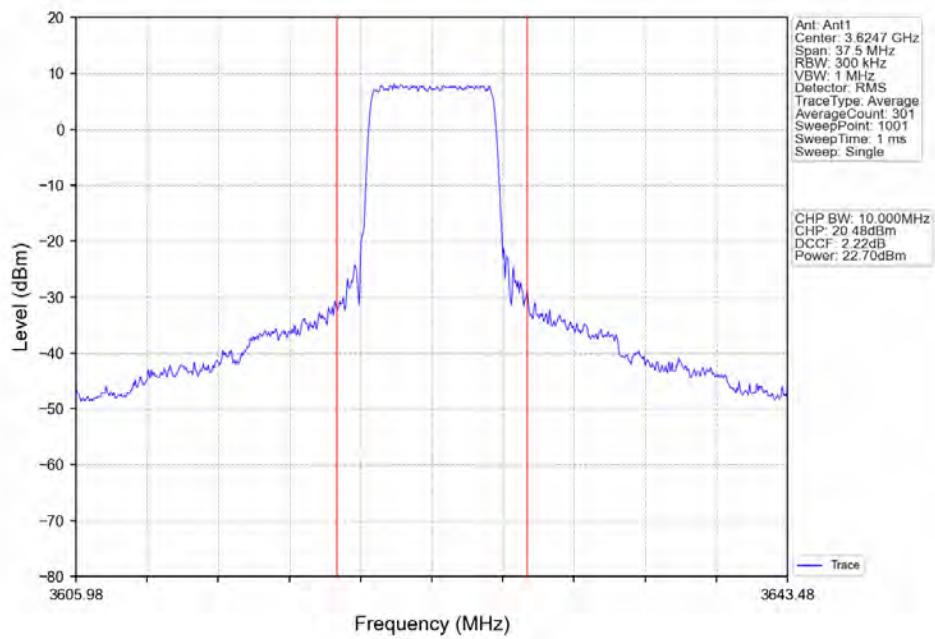
Band48 15MHz QPSK MCH 3625MHz RB 1 74 NTNV



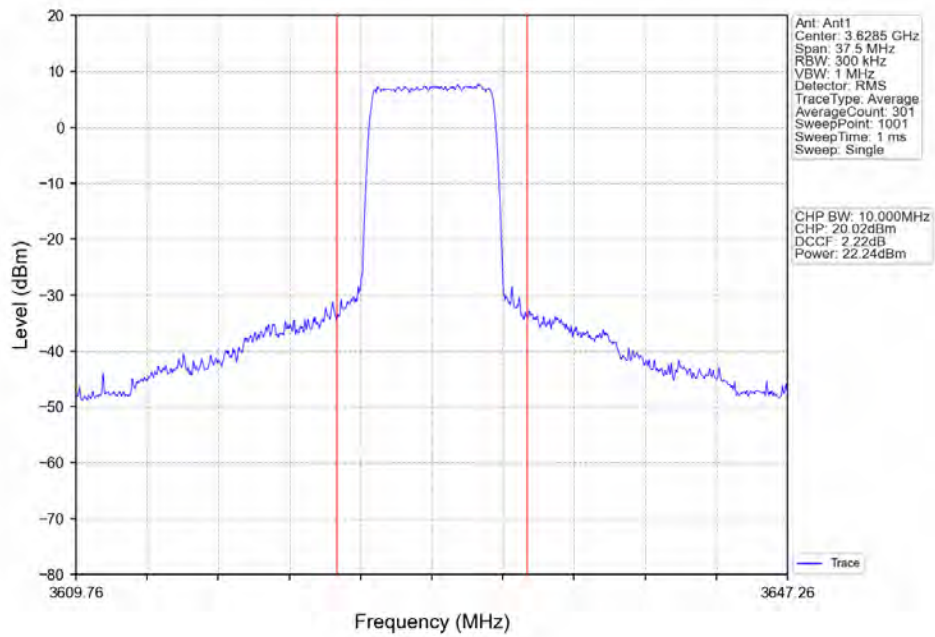
Band48 15MHz QPSK MCH 3625MHz RB 36 0 NTNV



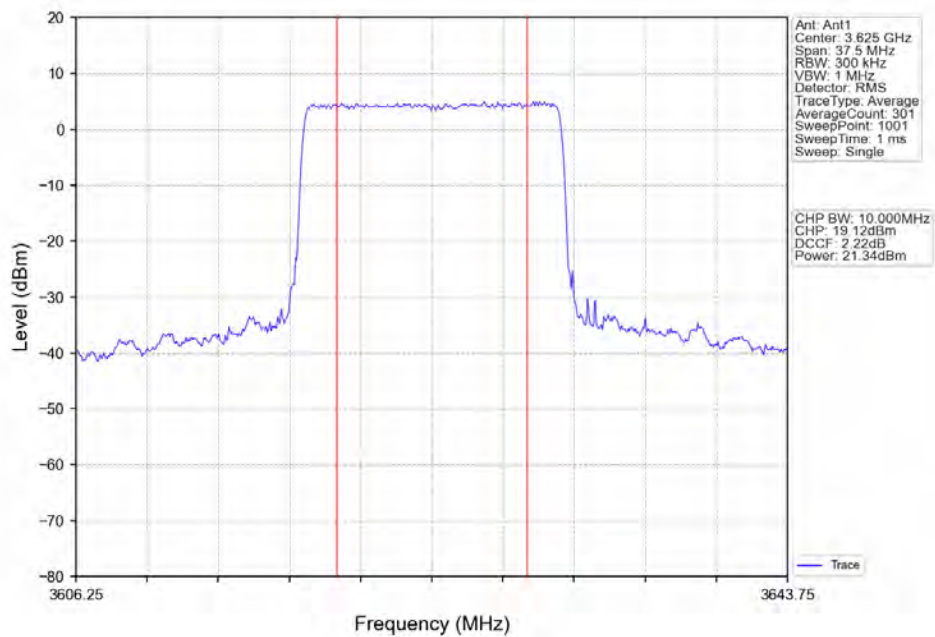
Band48 15MHz QPSK MCH 3625MHz RB 36 18 NTNV



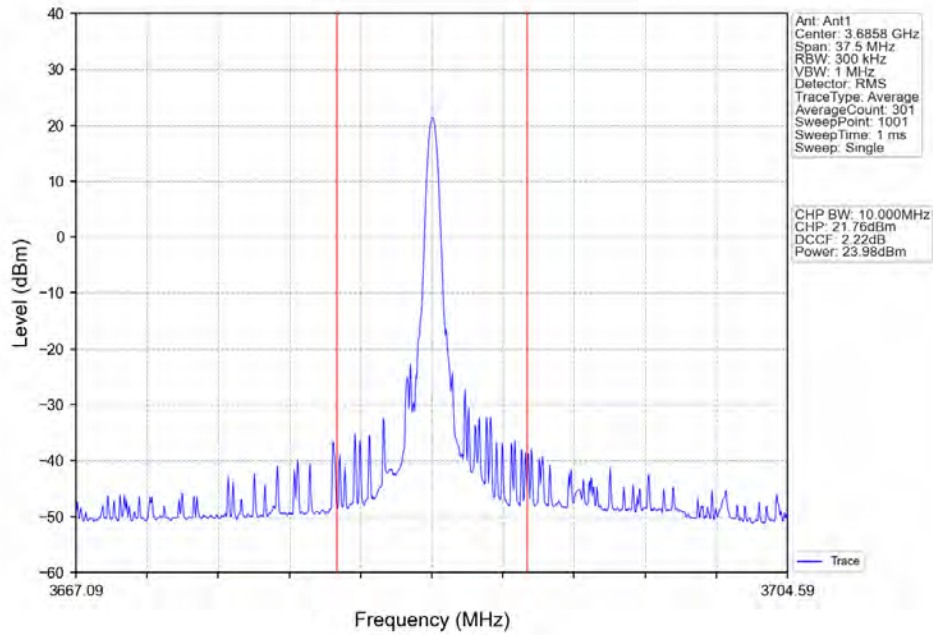
Band48 15MHz QPSK MCH 3625MHz RB 36 39 NTNV



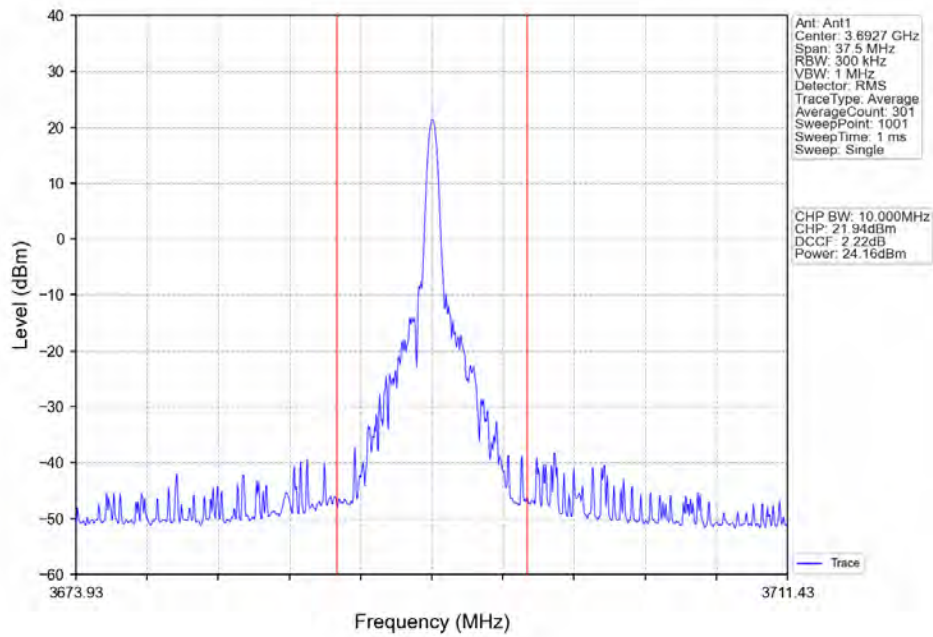
Band48 15MHz QPSK MCH 3625MHz RB 75 0 NTNV



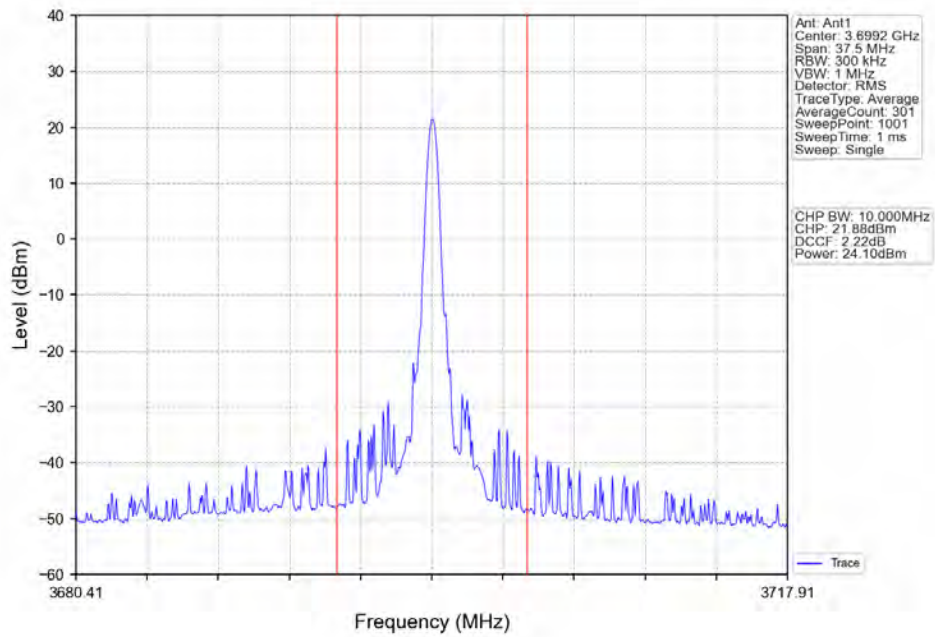
Band48 15MHz QPSK HCH 3692.5MHz RB 1 0 NTNV



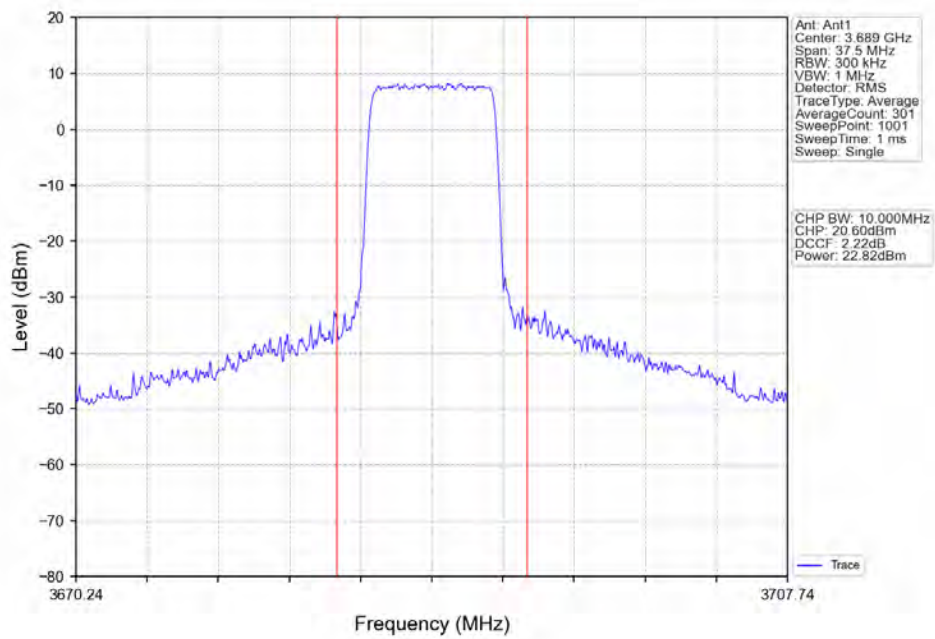
Band48 15MHz QPSK HCH 3692.5MHz RB 1 38 NTNV



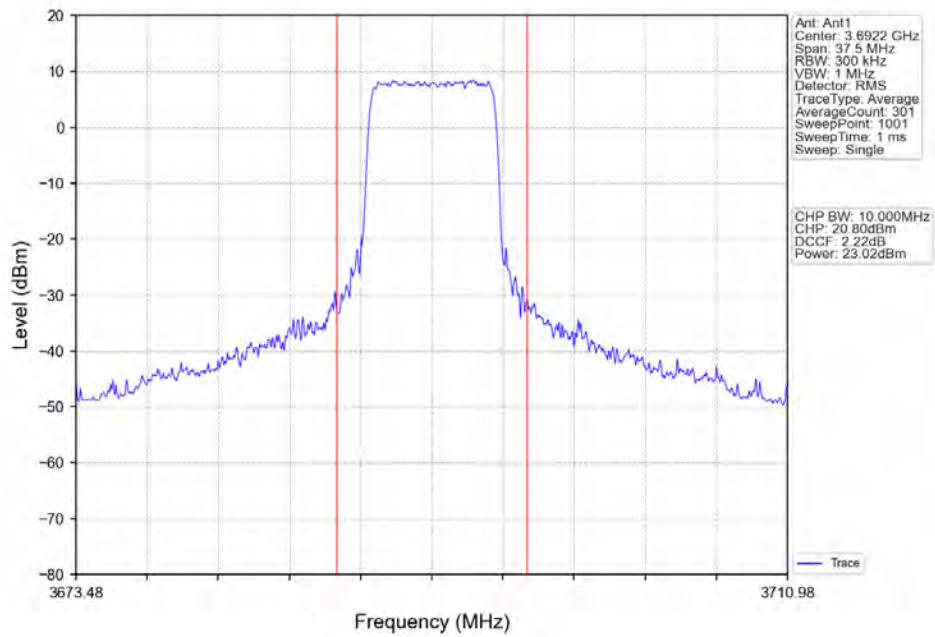
Band48 15MHz QPSK HCH 3692.5MHz RB 1 74 NTNV



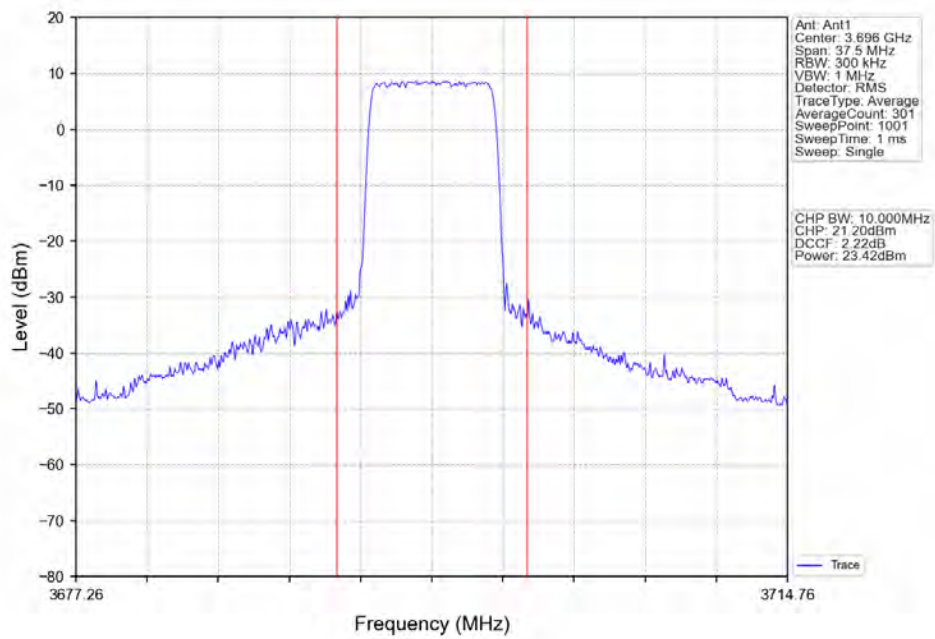
Band48 15MHz QPSK HCH 3692.5MHz RB 36 0 NTNV



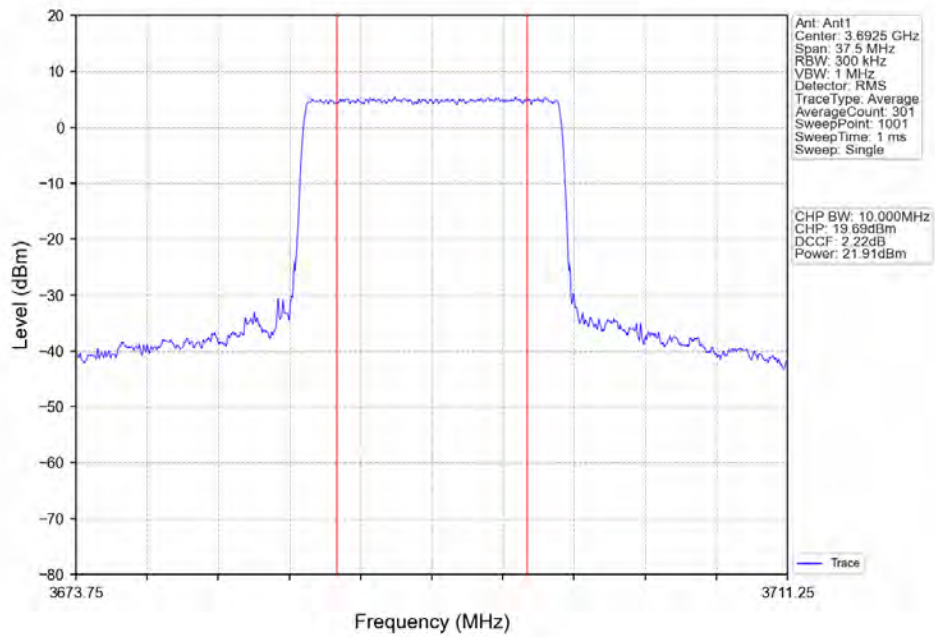
Band48 15MHz QPSK HCH 3692.5MHz RB 36 18 NTN



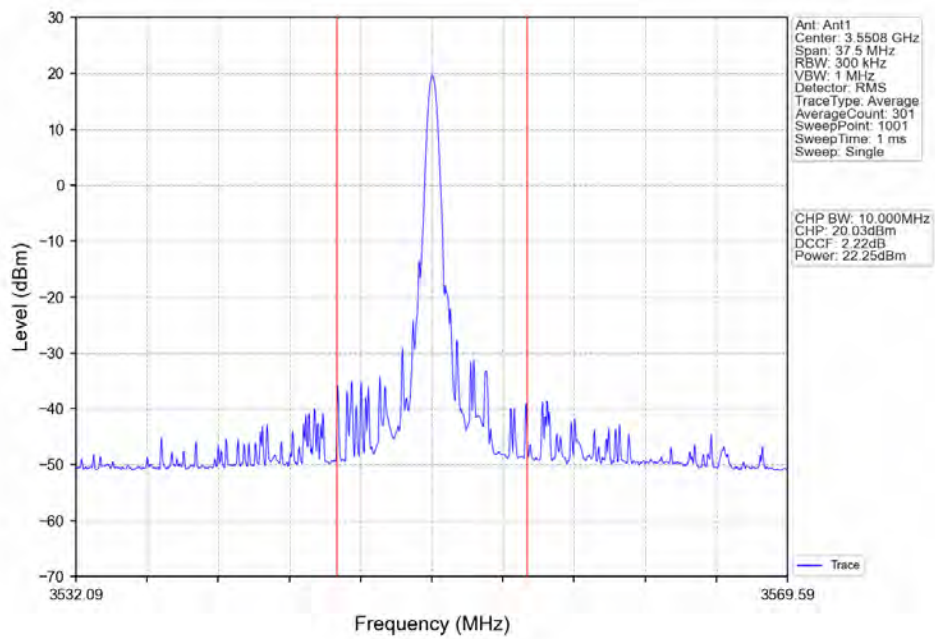
Band48 15MHz QPSK HCH 3692.5MHz RB 36 39 NTN



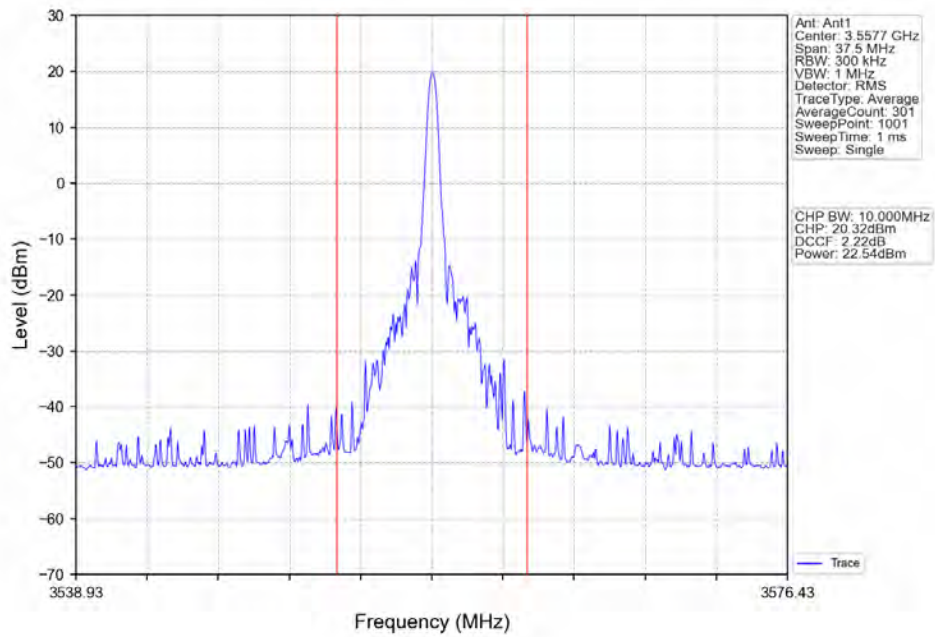
Band48 15MHz QPSK HCH 3692.5MHz RB 75 0 NTNV



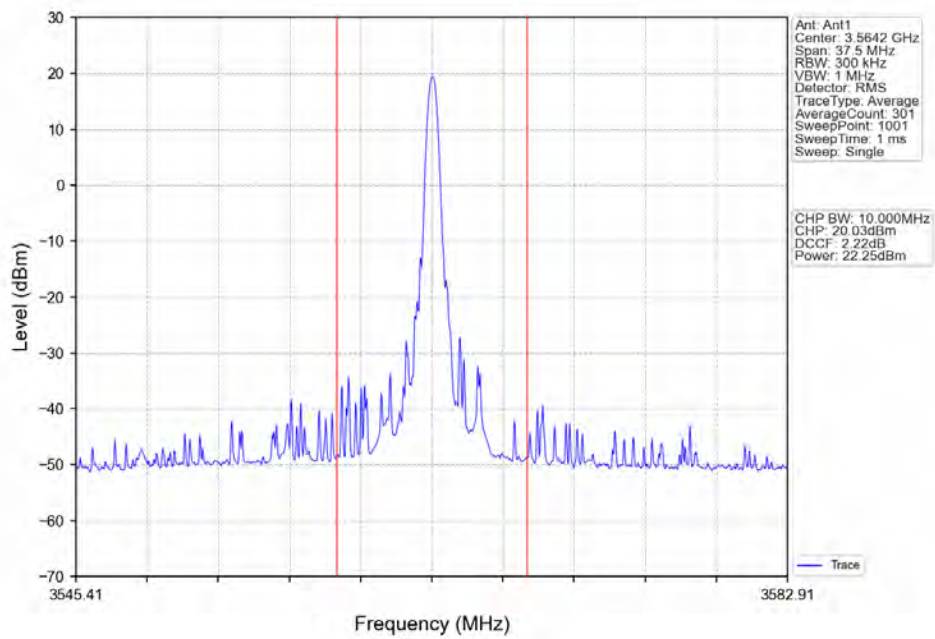
Band48 15MHz 16QAM LCH 3557.5MHz RB 1 0 NTNV



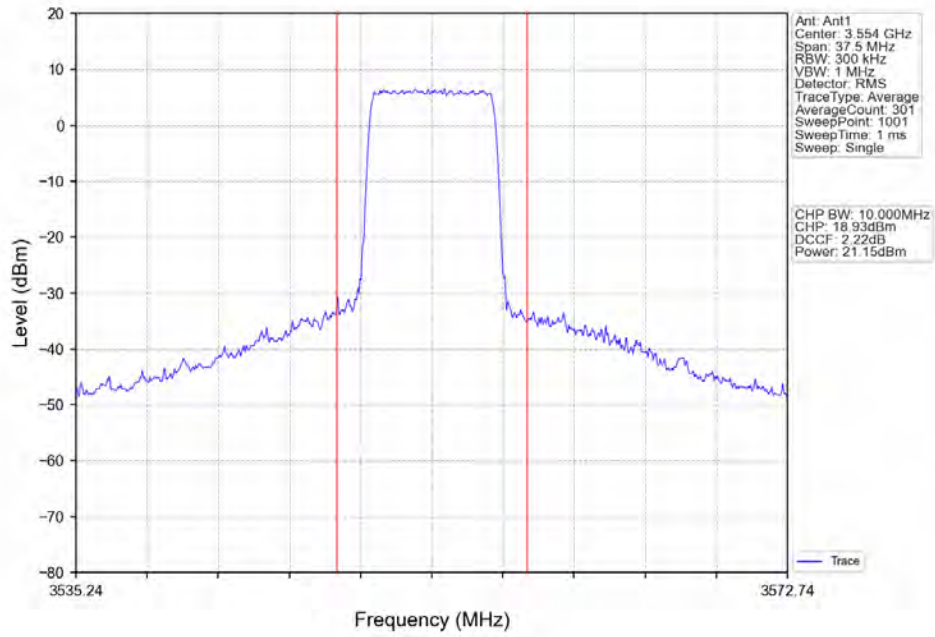
Band48 15MHz 16QAM LCH 3557.5MHz RB 1 38 NTN



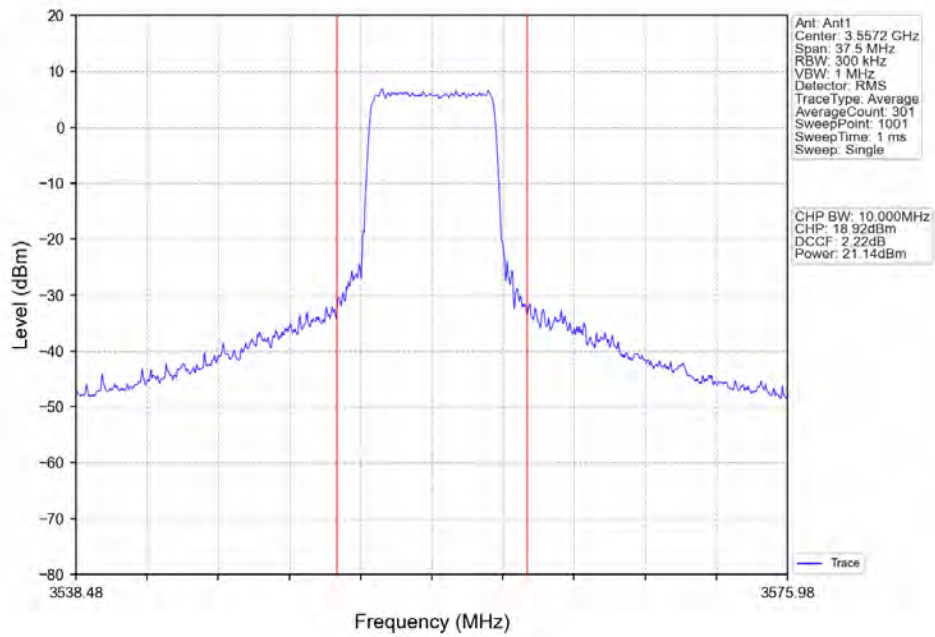
Band48 15MHz 16QAM LCH 3557.5MHz RB 1 74 NTN



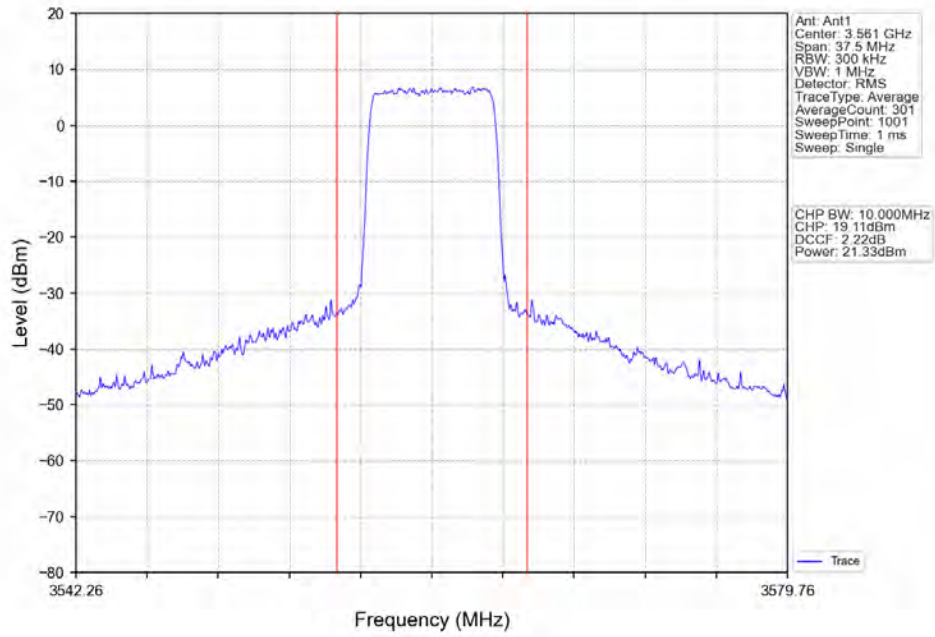
Band48 15MHz 16QAM LCH 3557.5MHz RB 36 0 NTNV



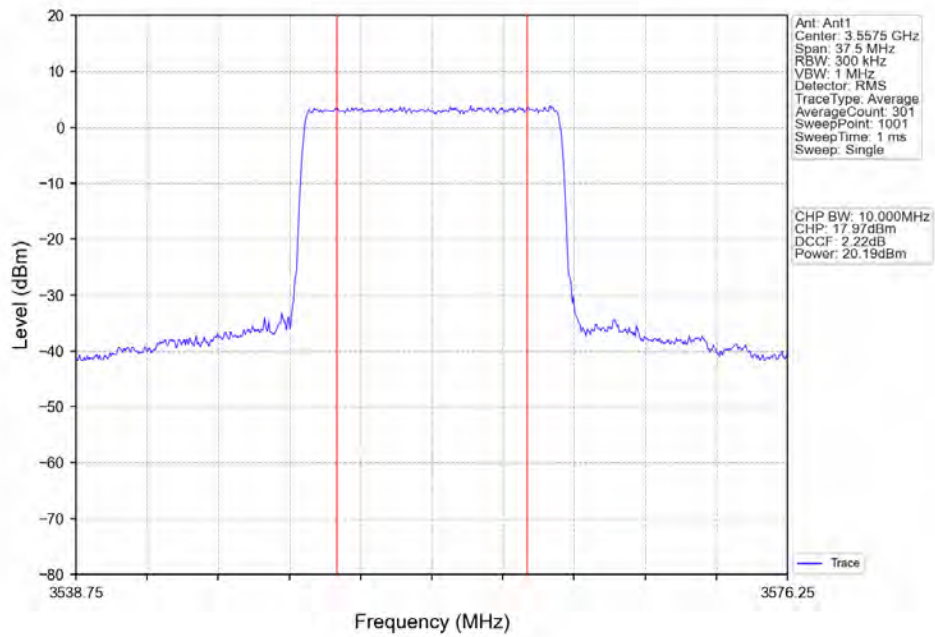
Band48 15MHz 16QAM LCH 3557.5MHz RB 36 18 NTNV



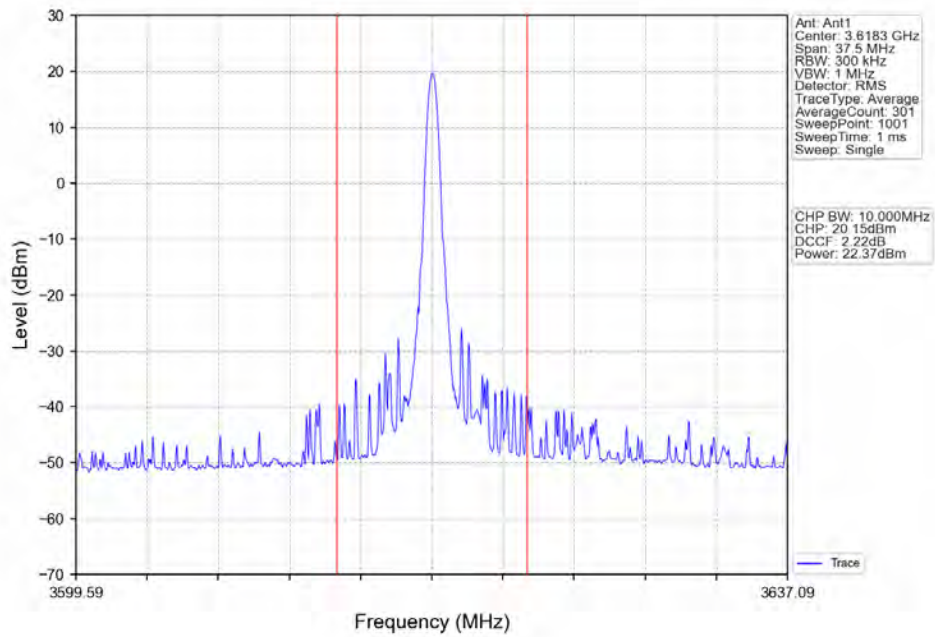
Band48 15MHz 16QAM LCH 3557.5MHz RB 36 39 NTNV



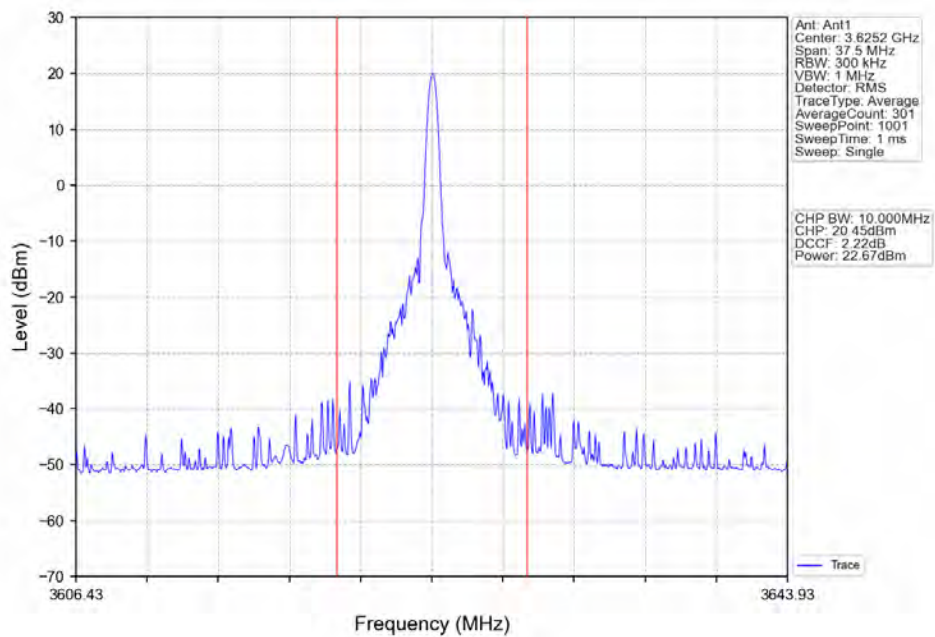
Band48 15MHz 16QAM LCH 3557.5MHz RB 75 0 NTNV



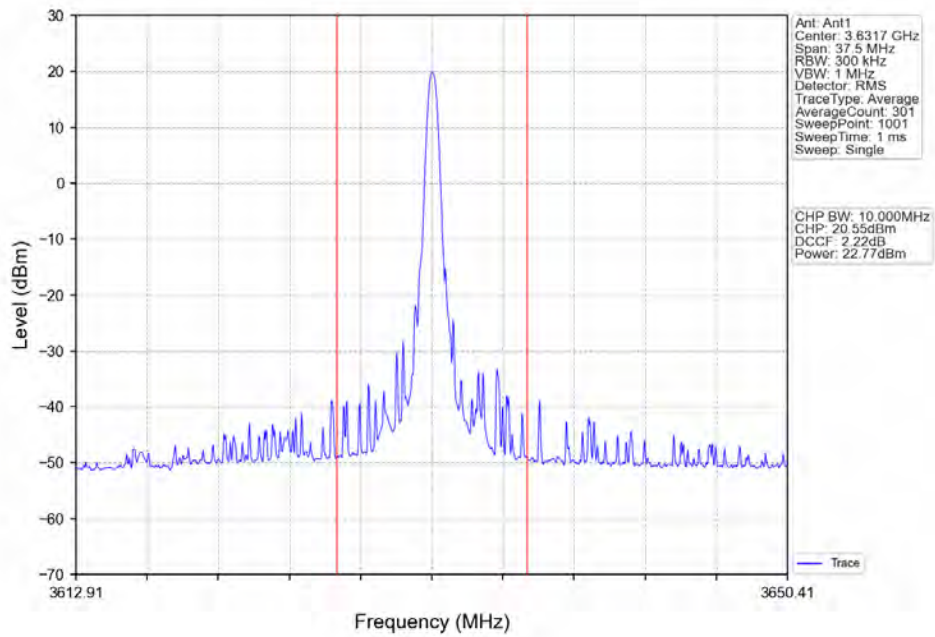
Band48 15MHz 16QAM MCH 3625MHz RB 1 0 NTNV



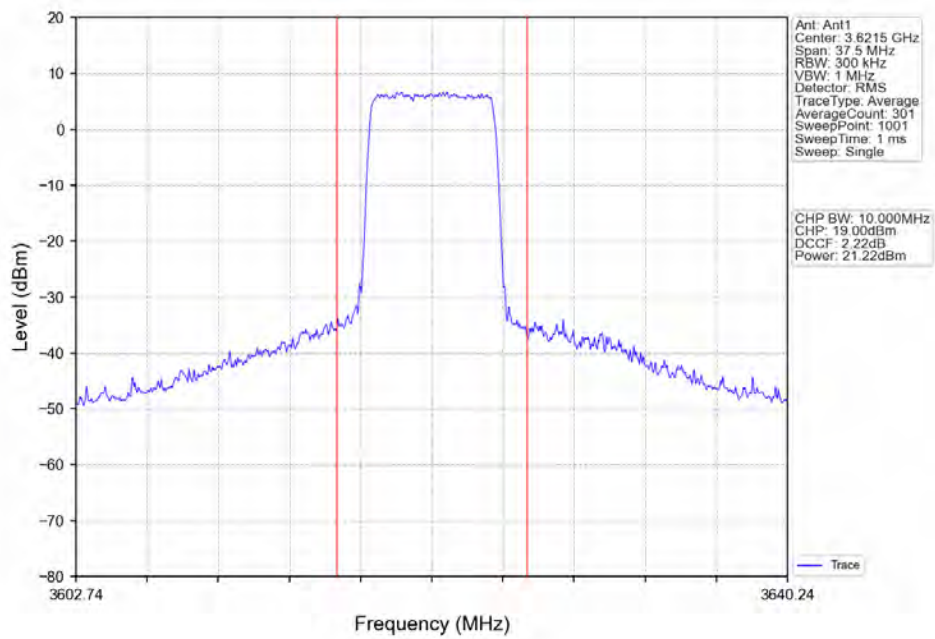
Band48 15MHz 16QAM MCH 3625MHz RB 1 38 NTNV



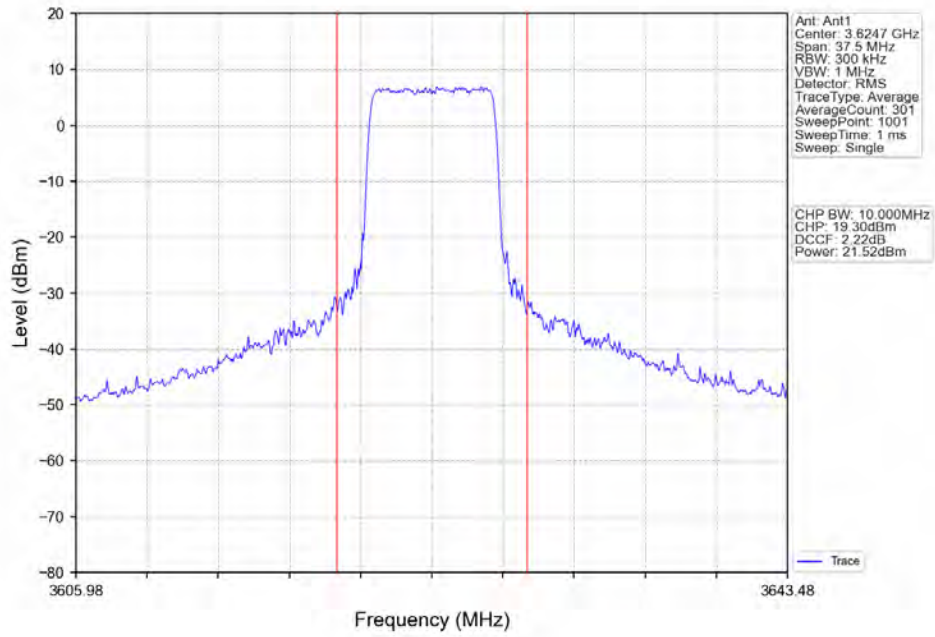
Band48 15MHz 16QAM MCH 3625MHz RB 1 74 NTNV



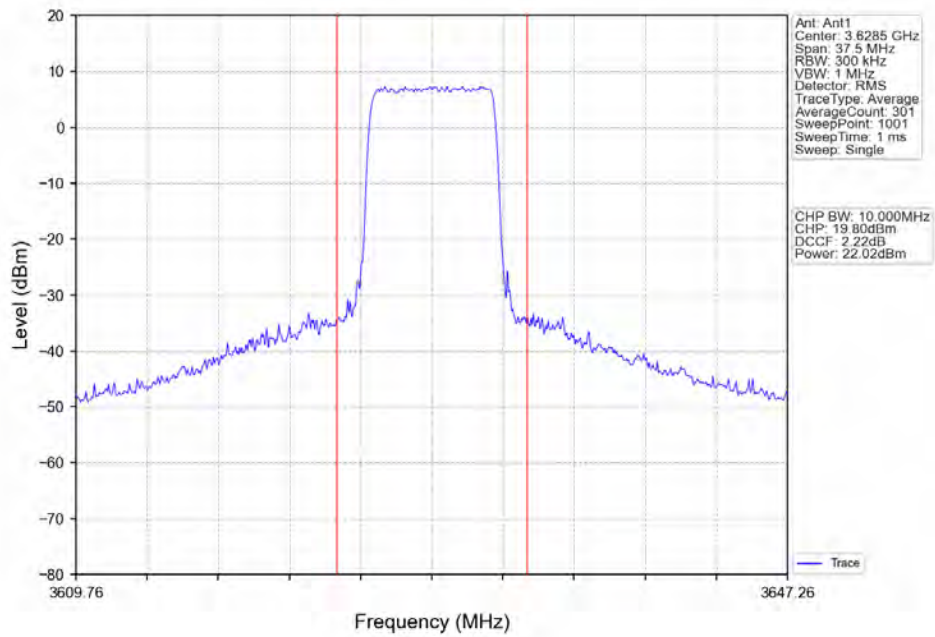
Band48 15MHz 16QAM MCH 3625MHz RB 36 0 NTNV



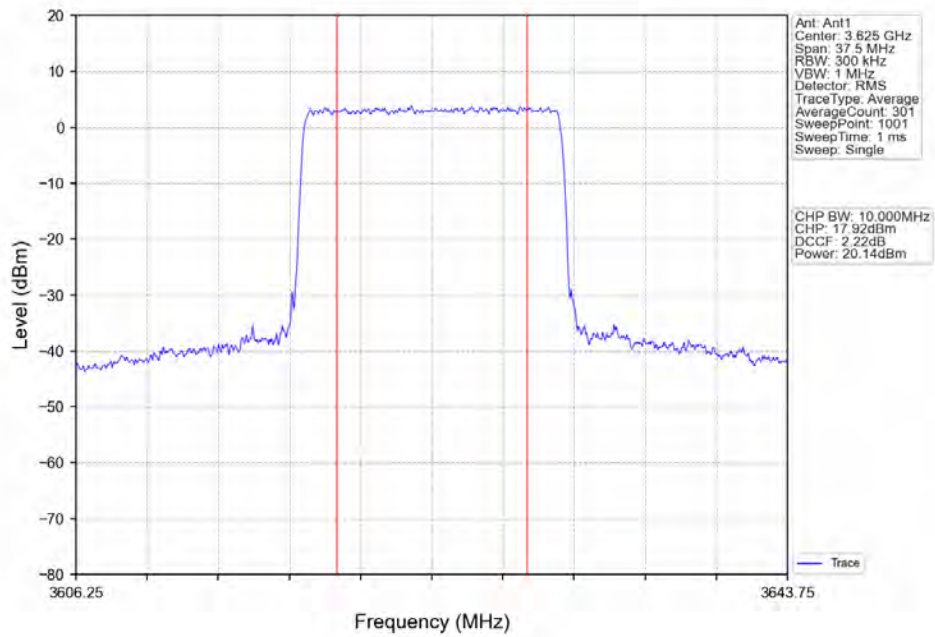
Band48 15MHz 16QAM MCH 3625MHz RB 36 18 NTN



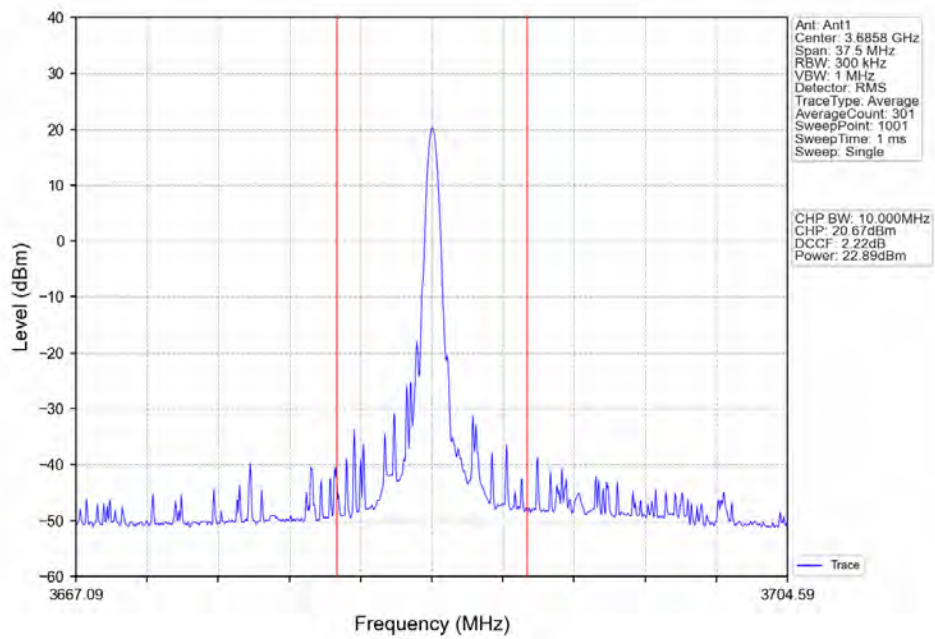
Band48 15MHz 16QAM MCH 3625MHz RB 36 39 NTN



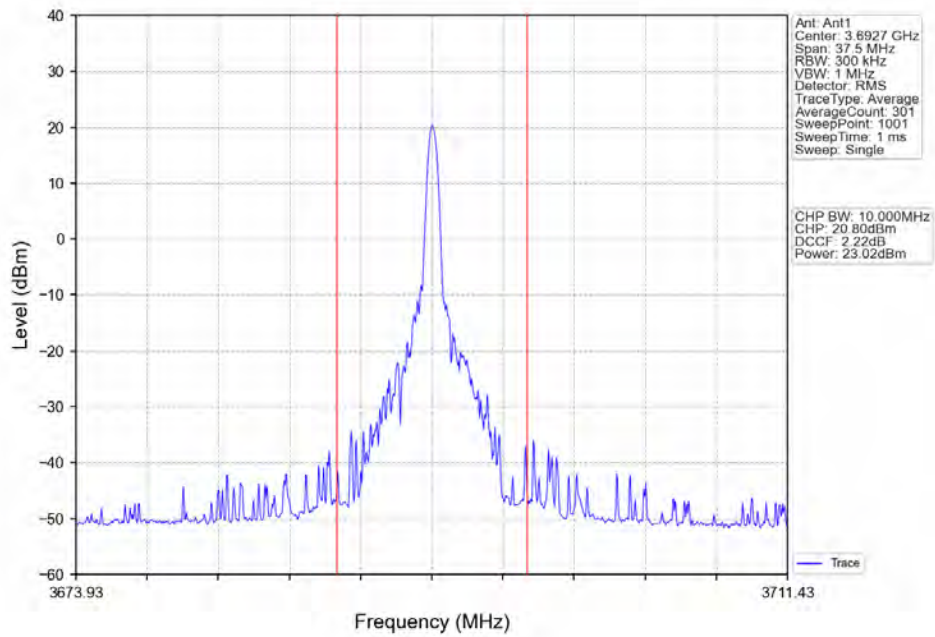
Band48 15MHz 16QAM MCH 3625MHz RB 75 0 NTNV



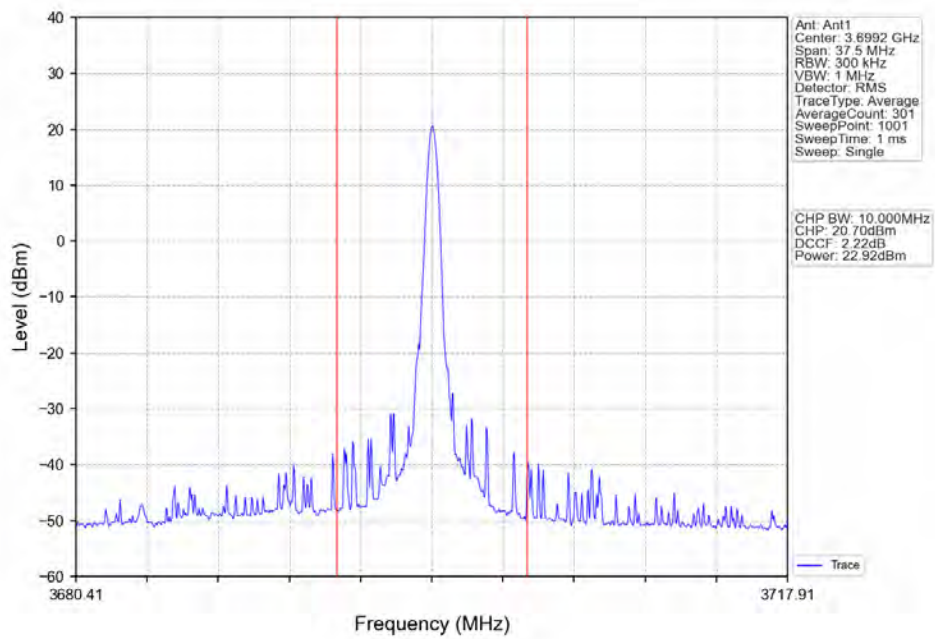
Band48 15MHz 16QAM HCH 3692.5MHz RB 1 0 NTNV



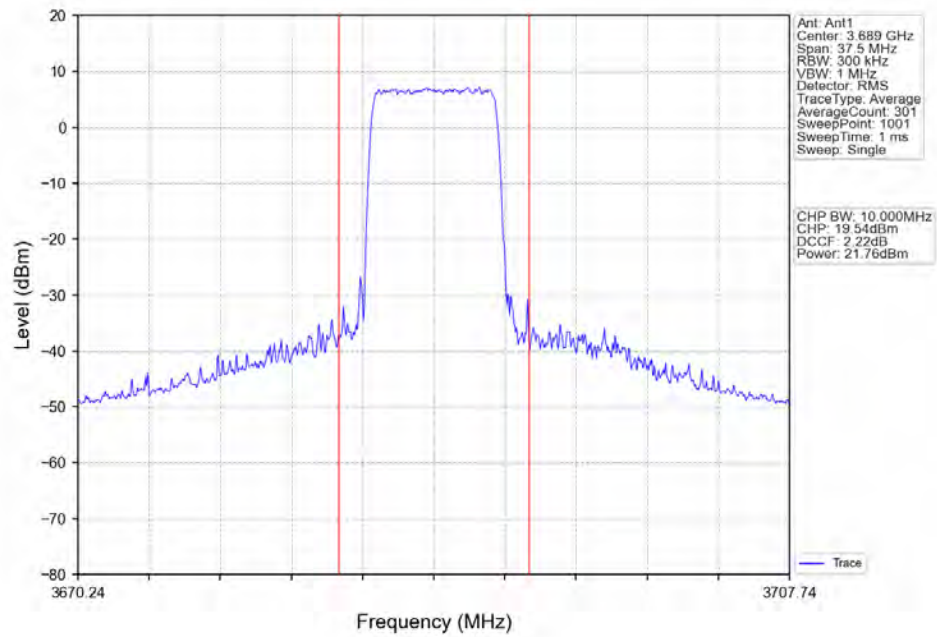
Band48 15MHz 16QAM HCH 3692.5MHz RB 1 38 NTNV



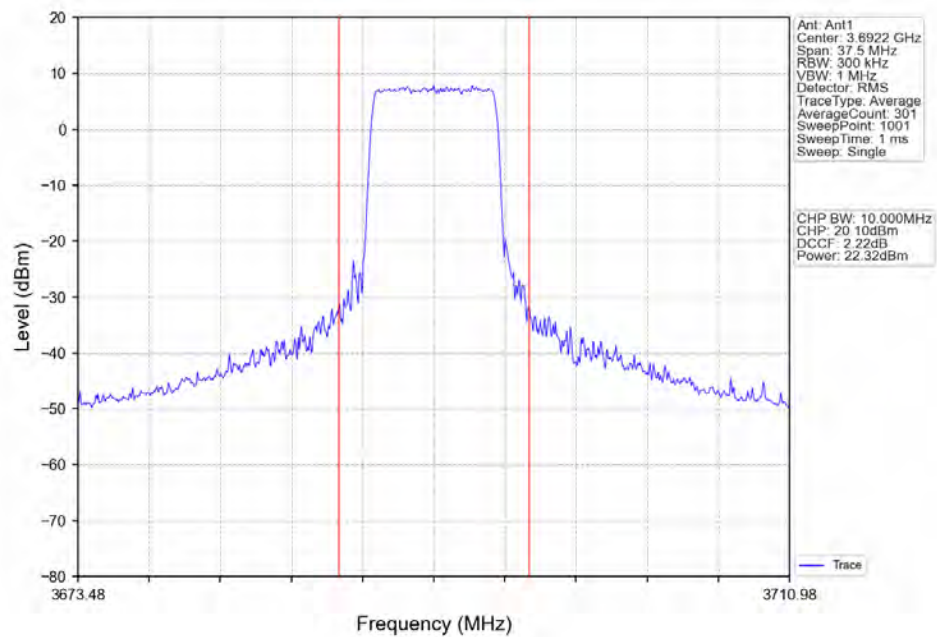
Band48 15MHz 16QAM HCH 3692.5MHz RB 1 74 NTNV



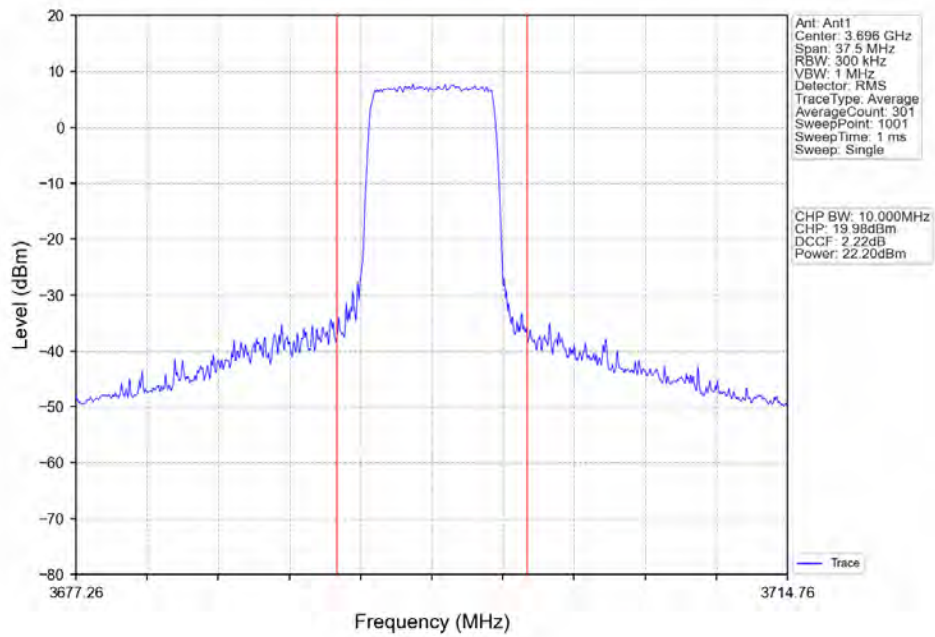
Band48 15MHz 16QAM HCH 3692.5MHz RB 36 0 NTNV



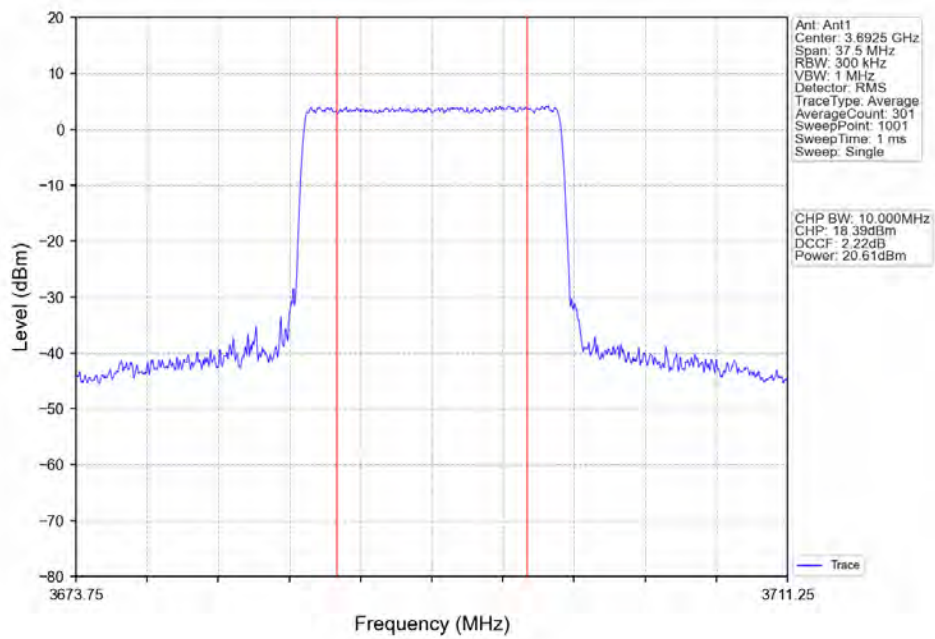
Band48 15MHz 16QAM HCH 3692.5MHz RB 36 18 NTNV



Band48 15MHz 16QAM HCH 3692.5MHz RB 36 39 NTNV



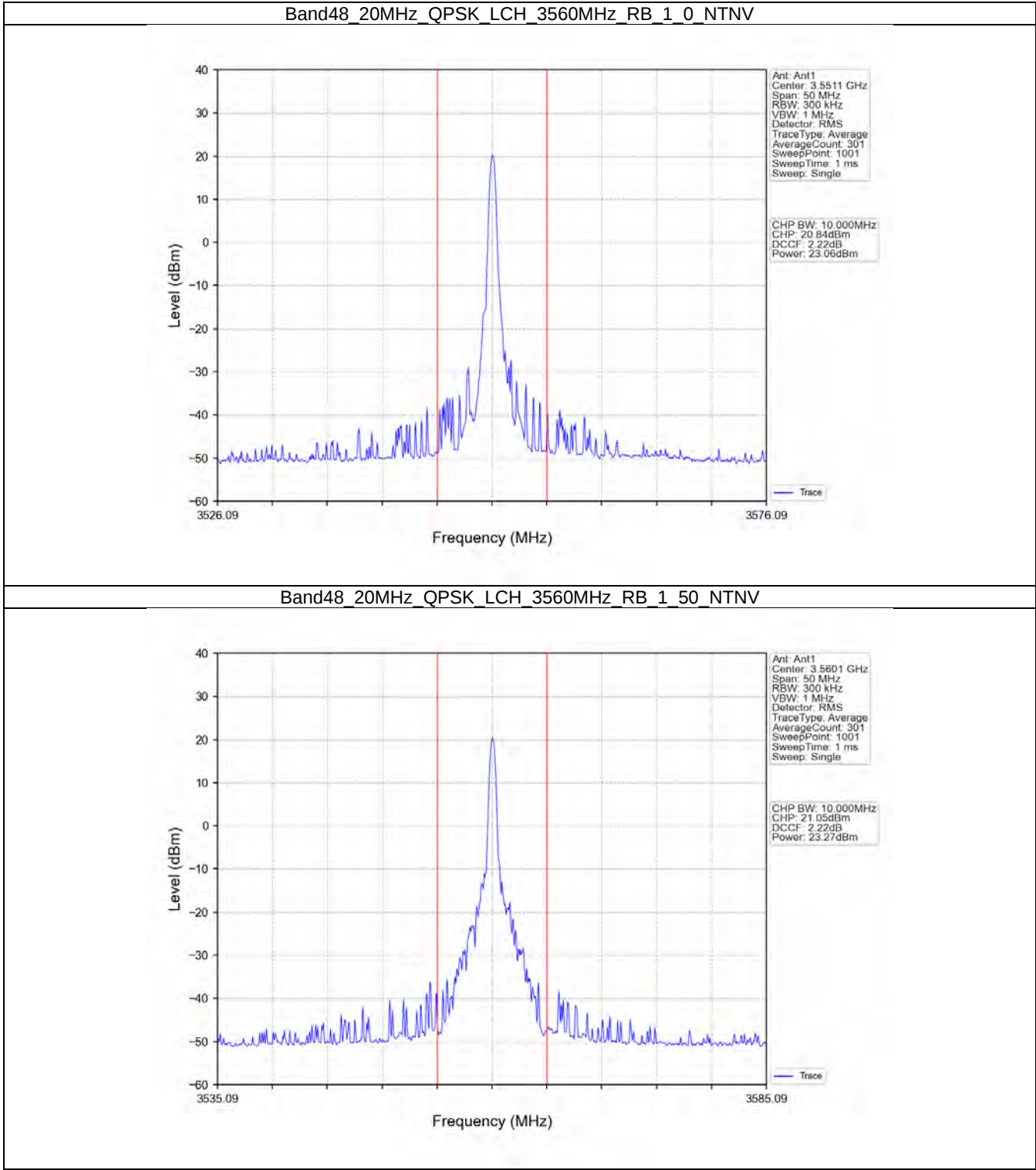
Band48 15MHz 16QAM HCH 3692.5MHz RB 75 0 NTNV



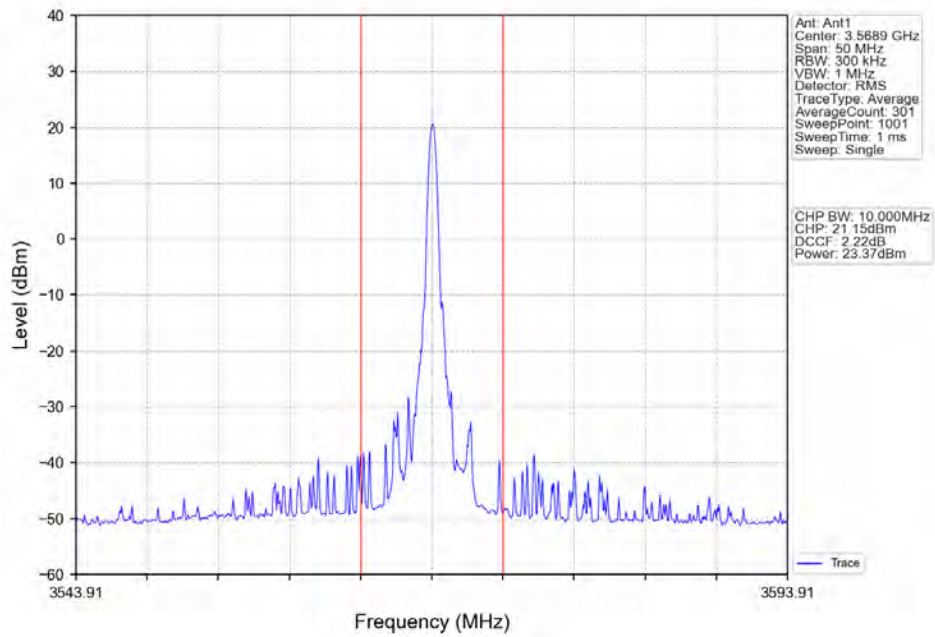
### 1.4.1 Test Result

Note1: EIRP=Conducted Power+Antenna Gain

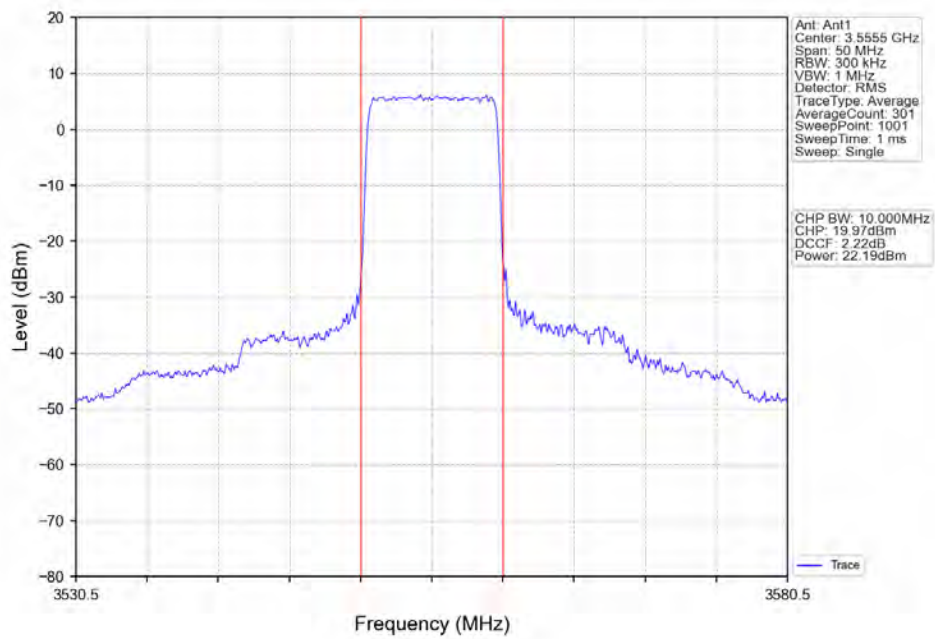
1.4.2 Test Graph



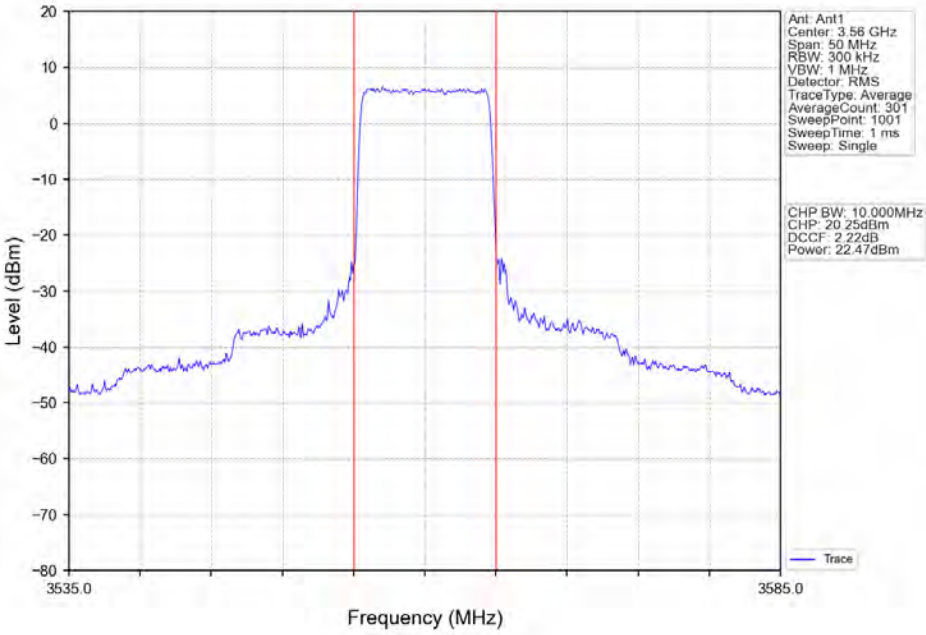
Band48 20MHz QPSK LCH 3560MHz RB 1 99 NTNV



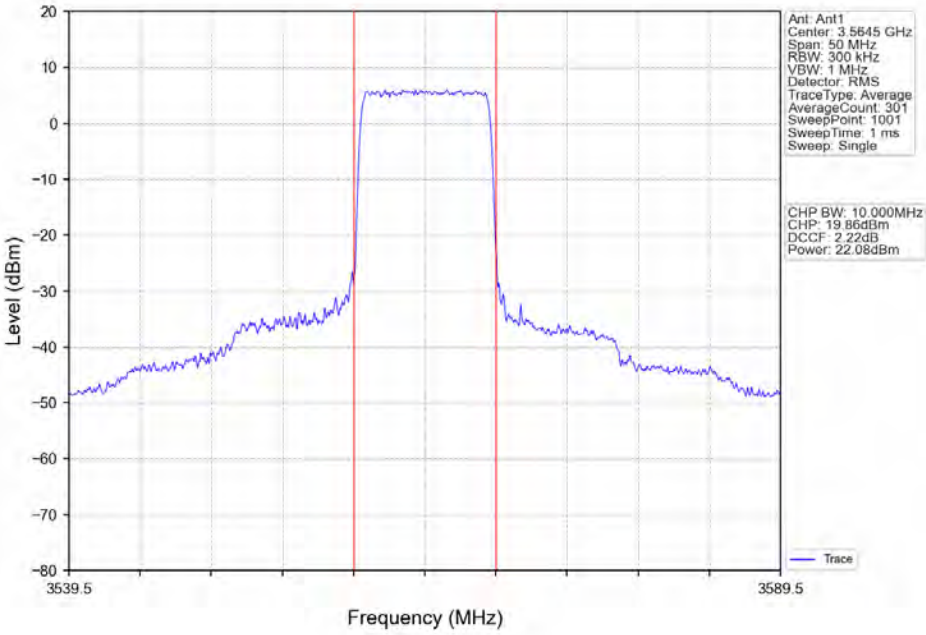
Band48 20MHz QPSK LCH 3560MHz RB 50 0 NTNV



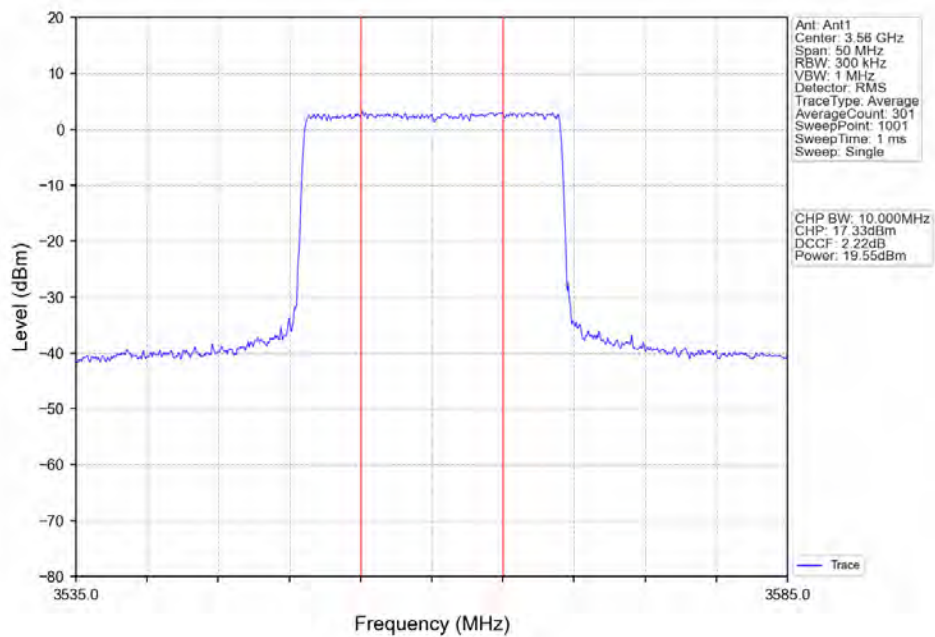
Band48 20MHz QPSK LCH 3560MHz RB 50 25 NTN



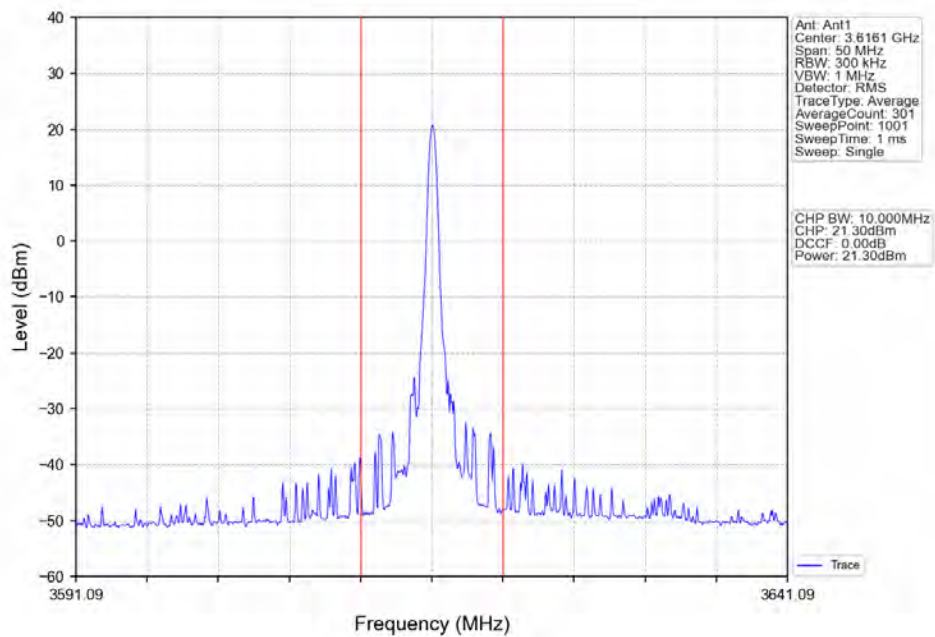
Band48 20MHz QPSK LCH 3560MHz RB 50 50 NTN



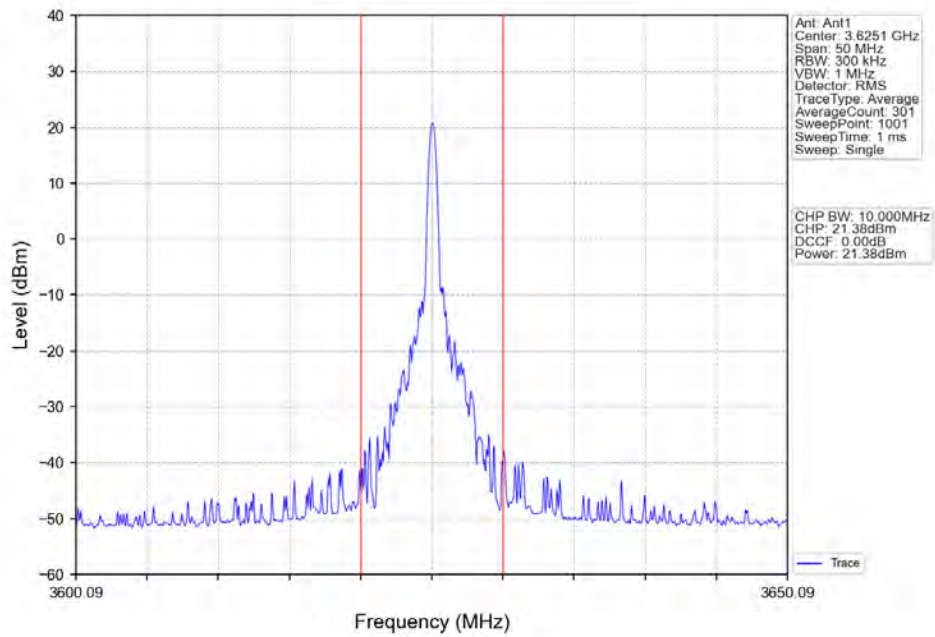
Band48 20MHz QPSK LCH 3560MHz RB 100 0 NTNV



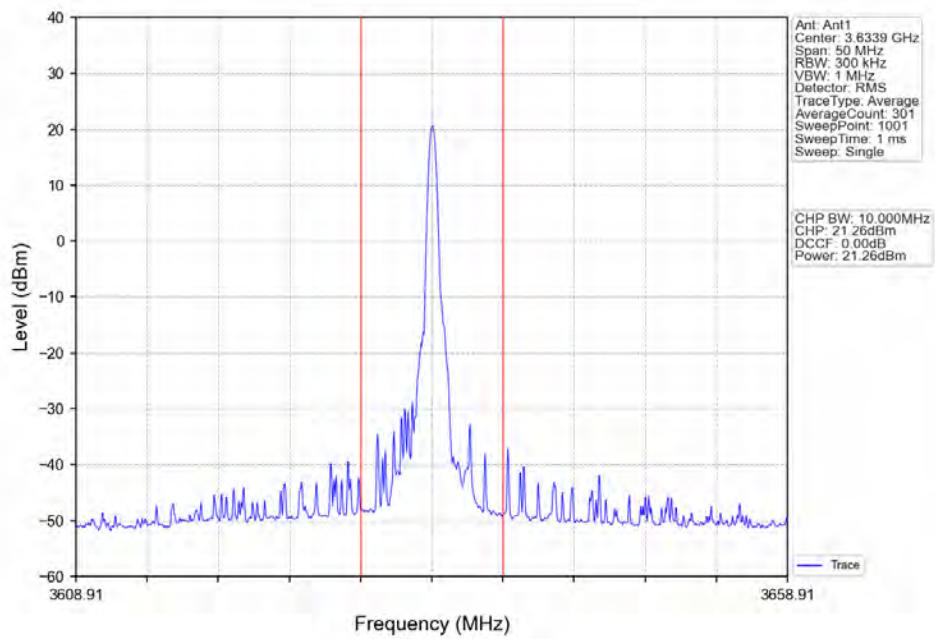
Band48 20MHz QPSK MCH 3625MHz RB 1 0 NTNV



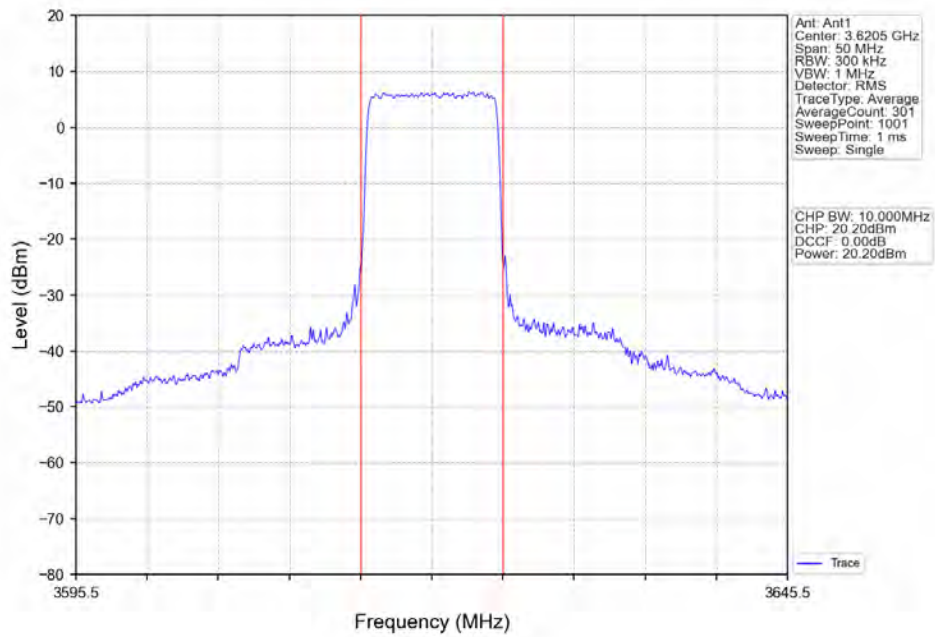
Band48 20MHz QPSK MCH 3625MHz RB 1 50 NTNV



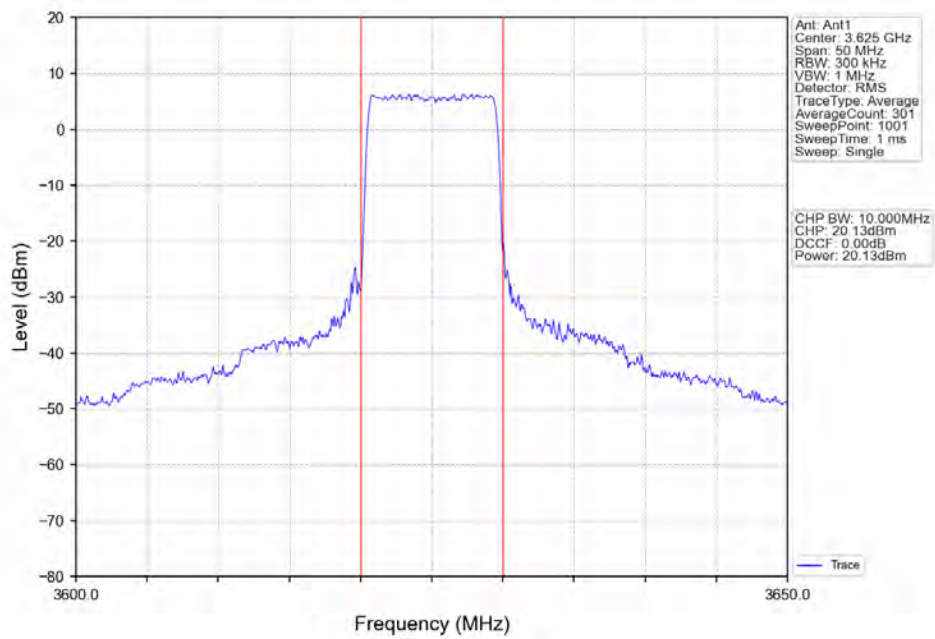
Band48 20MHz QPSK MCH 3625MHz RB 1 99 NTNV



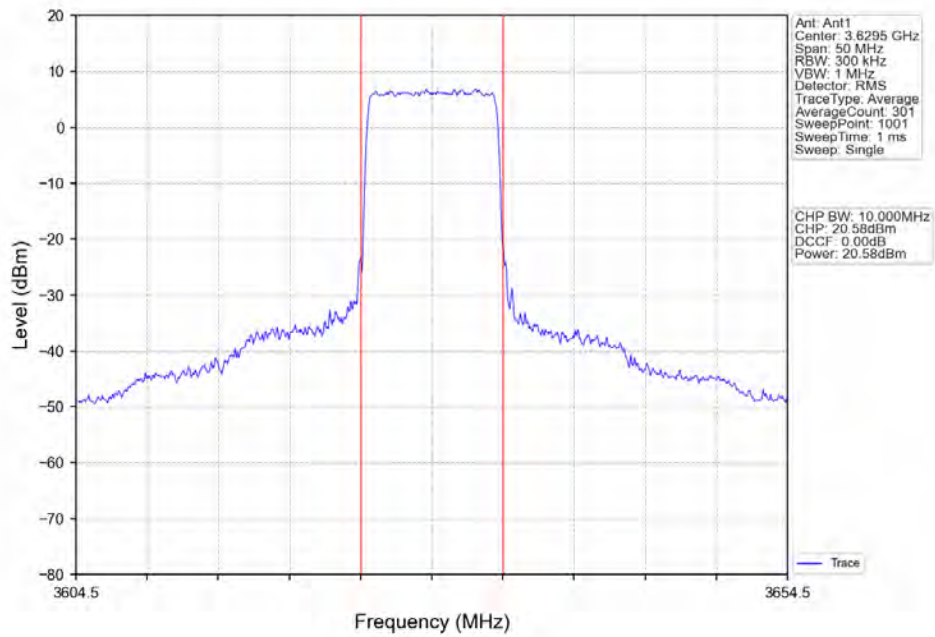
Band48 20MHz QPSK MCH 3625MHz RB 50 0 NTNV



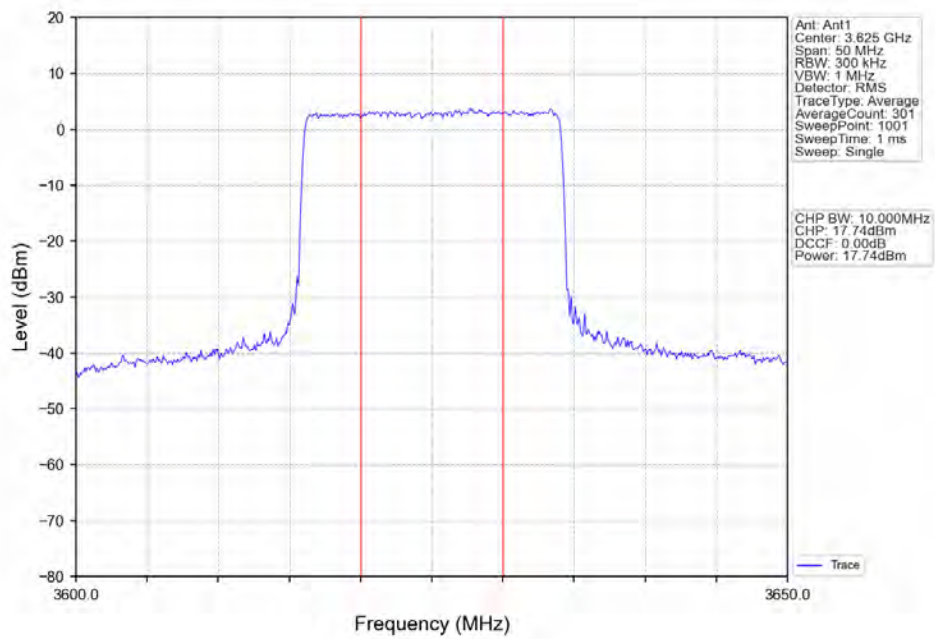
Band48 20MHz QPSK MCH 3625MHz RB 50 25 NTNV



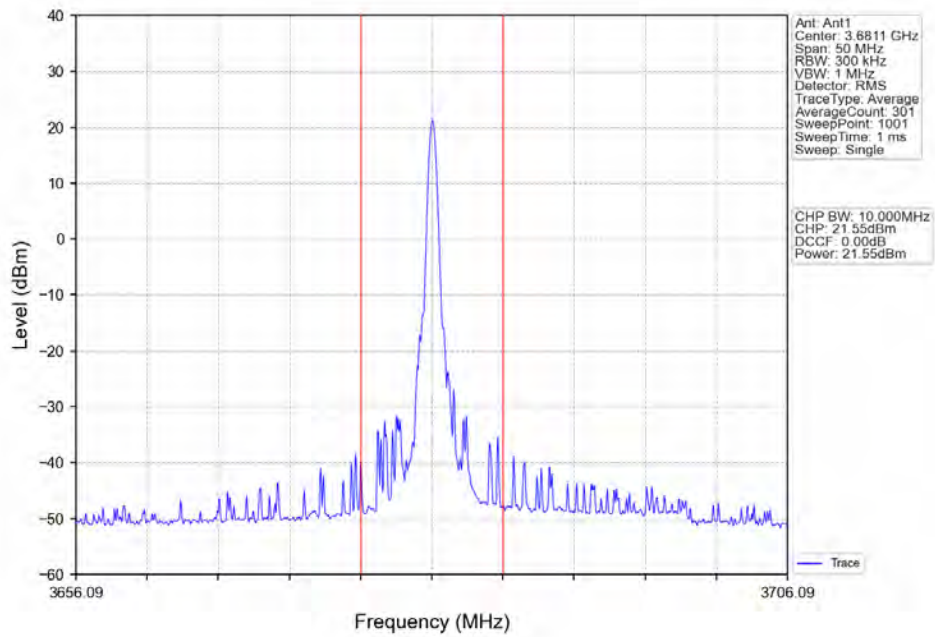
Band48 20MHz QPSK MCH 3625MHz RB 50 50 NTNV



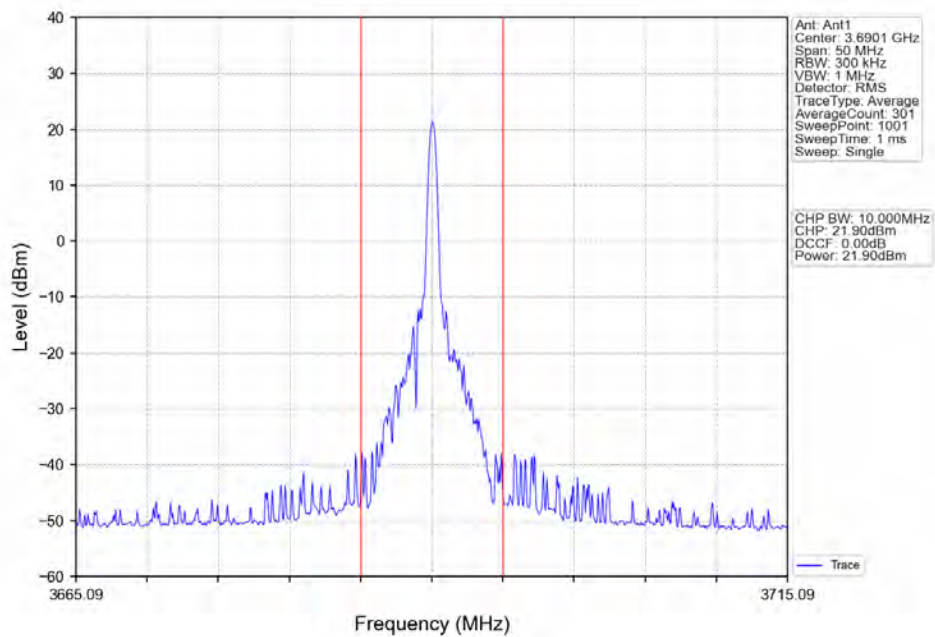
Band48 20MHz QPSK MCH 3625MHz RB 100 0 NTNV



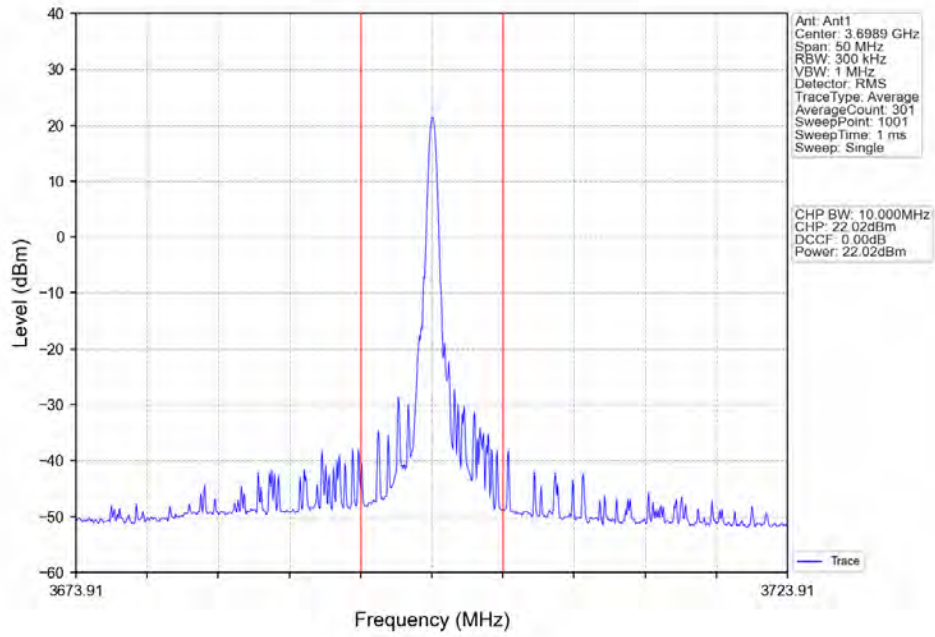
Band48 20MHz QPSK HCH 3690MHz RB 1 0 NTN



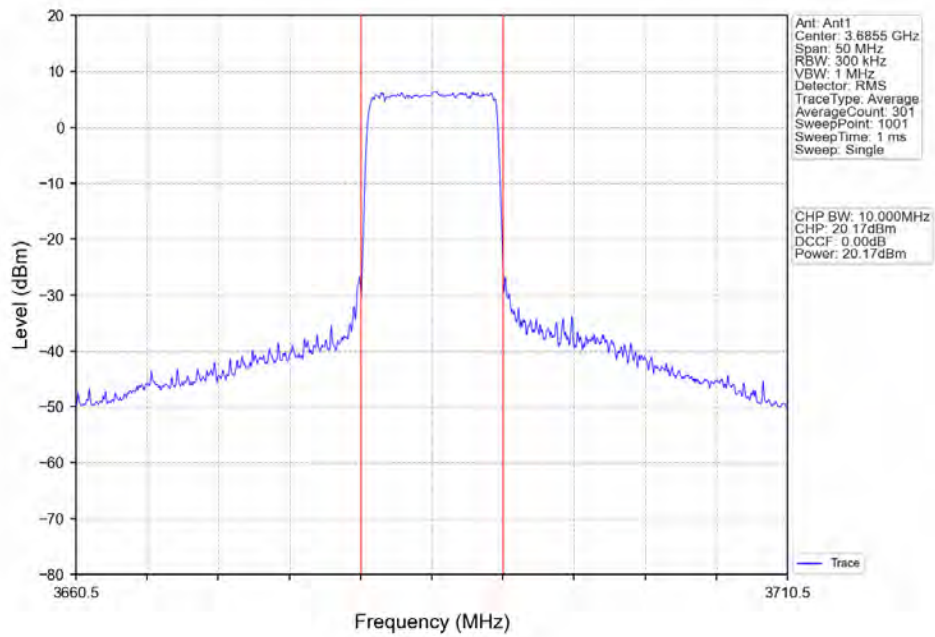
Band48 20MHz QPSK HCH 3690MHz RB 1 50 NTN



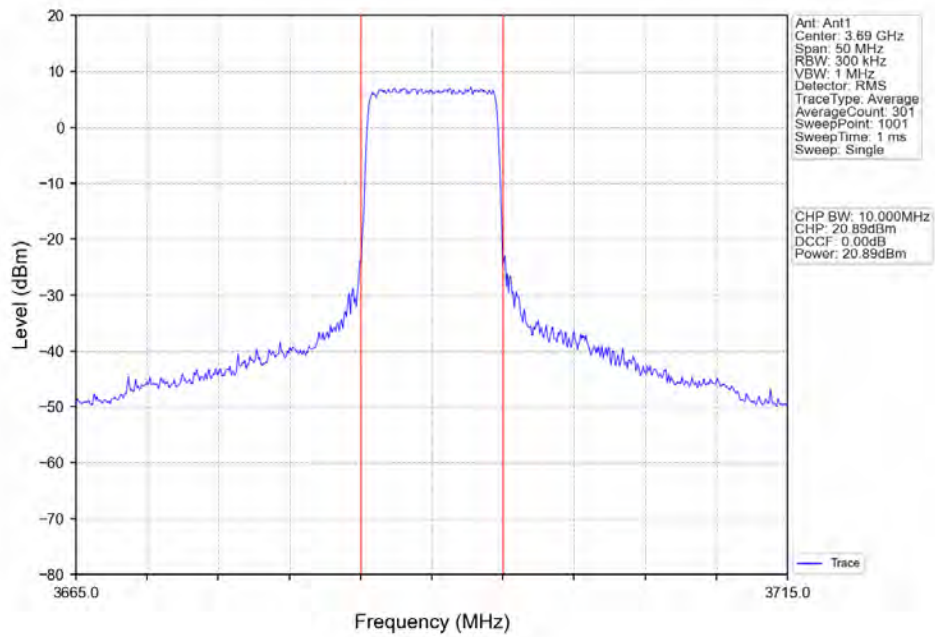
Band48 20MHz QPSK HCH 3690MHz RB 1 99 NTNV



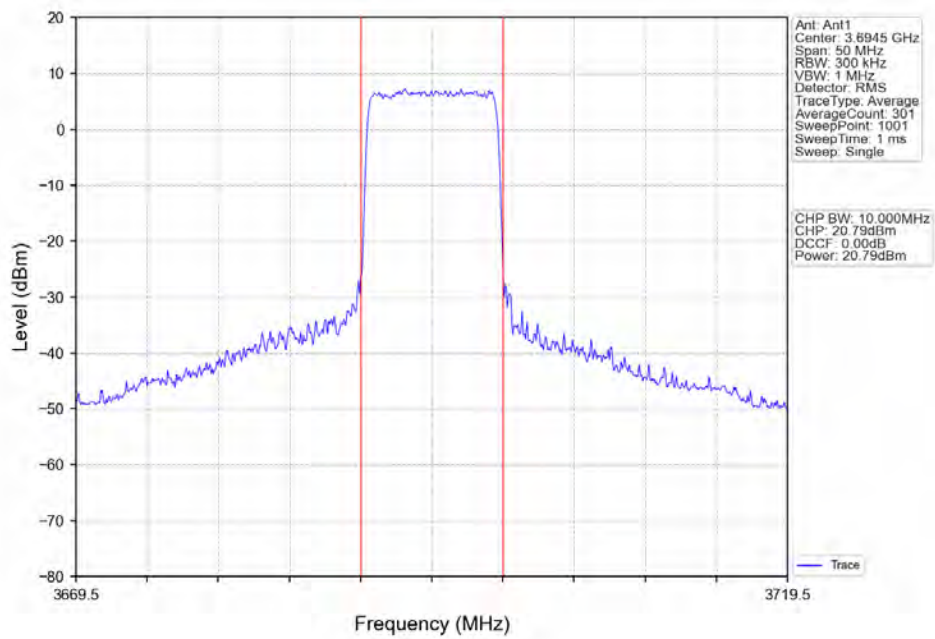
Band48 20MHz QPSK HCH 3690MHz RB 50 0 NTNV



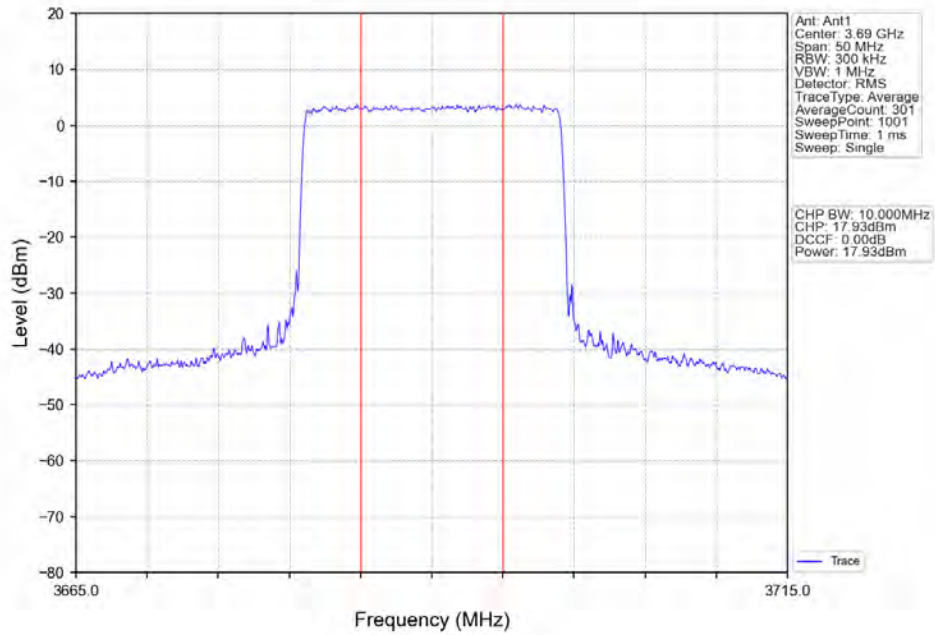
Band48 20MHz QPSK HCH 3690MHz RB 50 25 NTNV



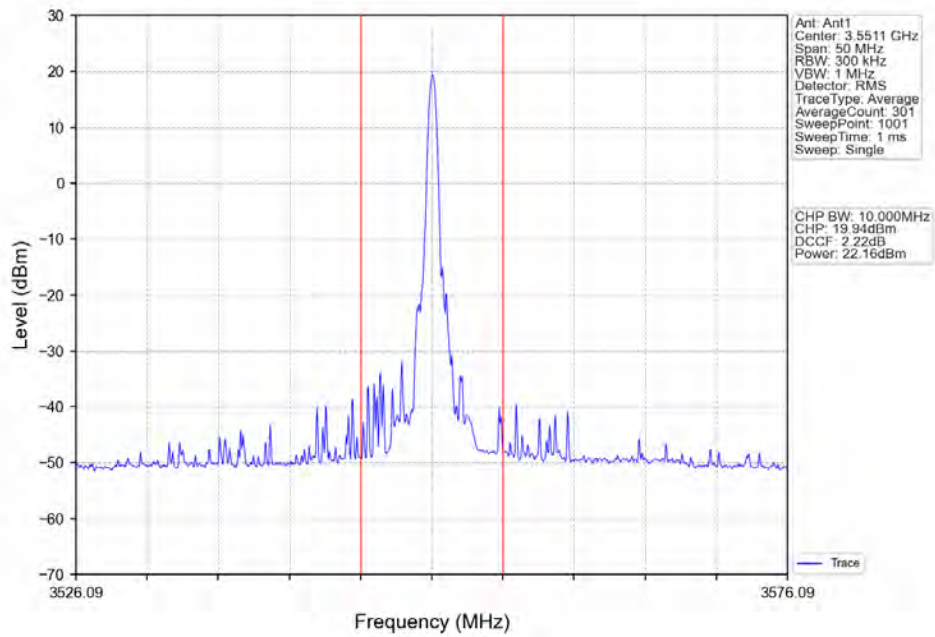
Band48 20MHz QPSK HCH 3690MHz RB 50 50 NTNV



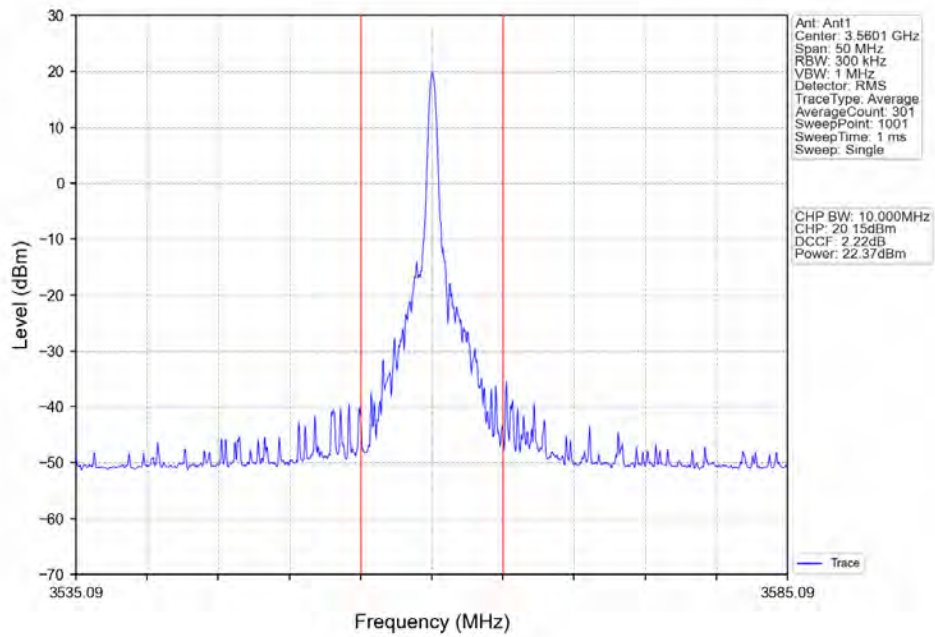
Band48 20MHz QPSK HCH 3690MHz RB 100 0 NTNV



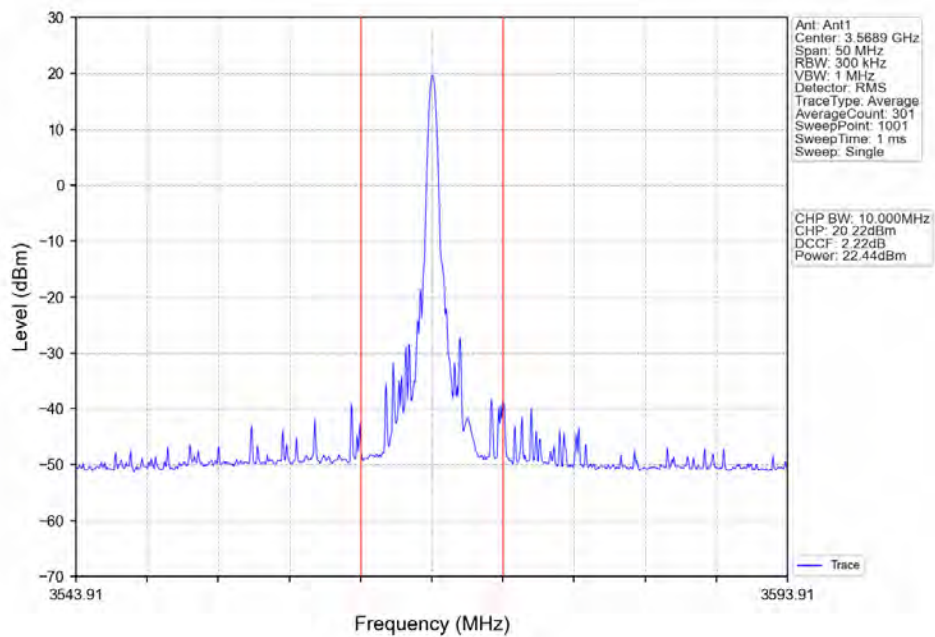
Band48 20MHz 16QAM LCH 3560MHz RB 1 0 NTNV



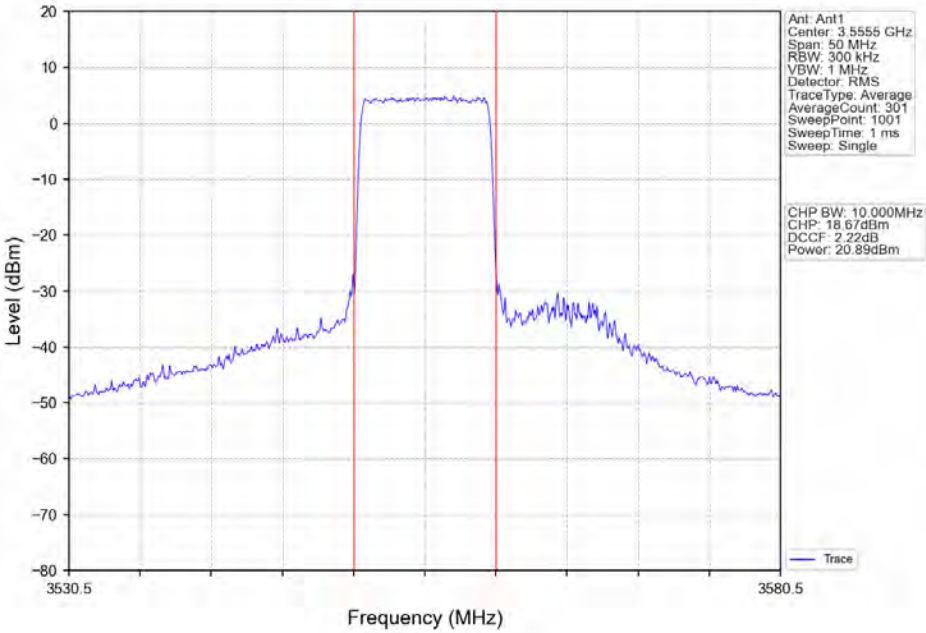
Band48 20MHz 16QAM LCH 3560MHz RB 1 50 NTNV



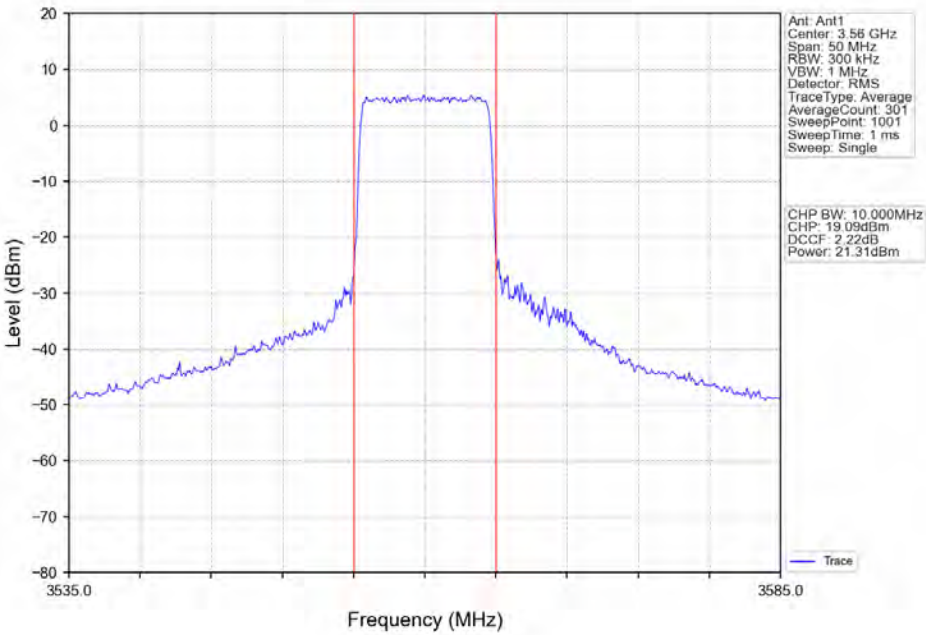
Band48 20MHz 16QAM LCH 3560MHz RB 1 99 NTNV



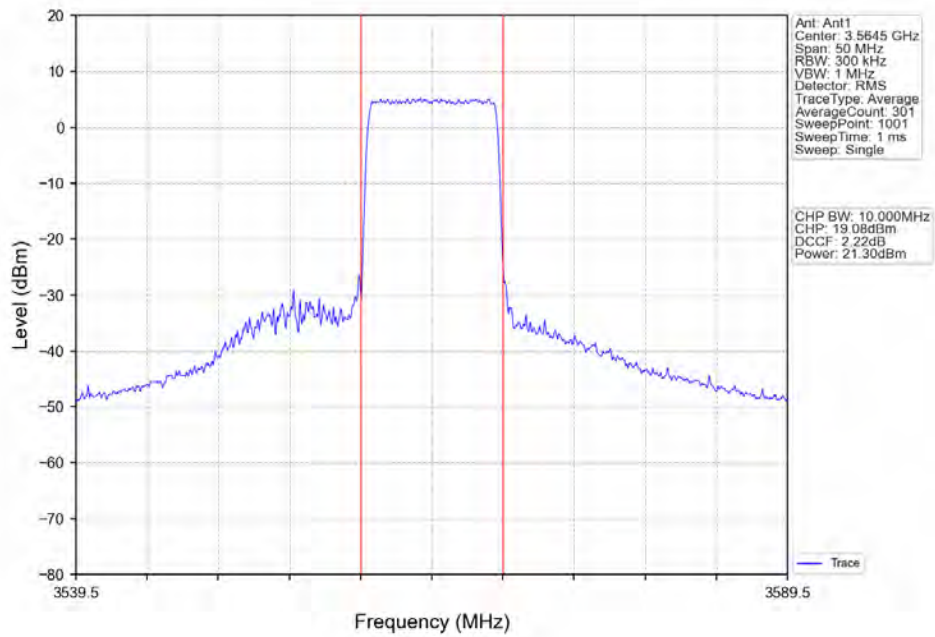
Band48 20MHz 16QAM LCH 3560MHz RB 50 0 NTNV



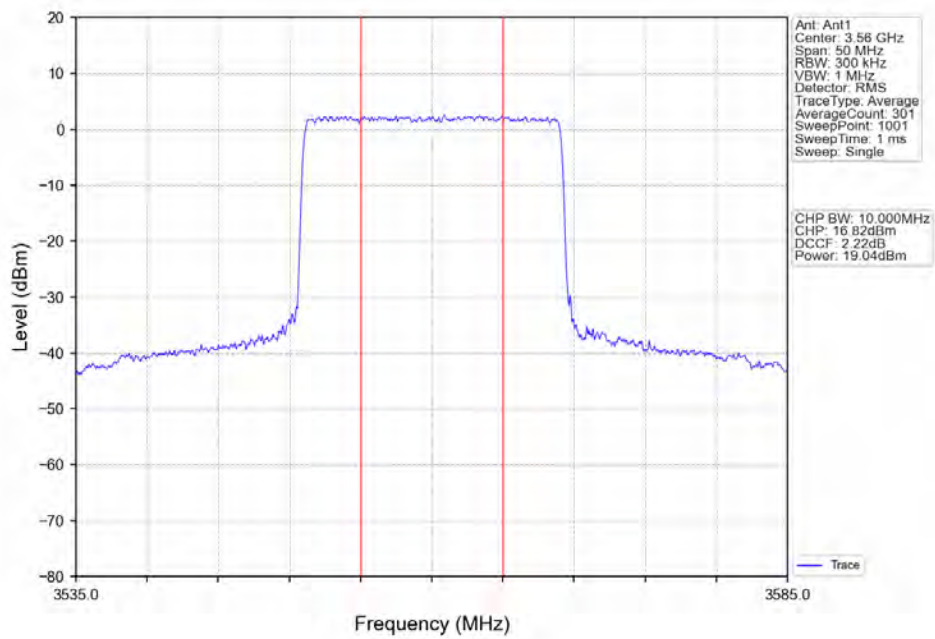
Band48 20MHz 16QAM LCH 3560MHz RB 50 25 NTNV



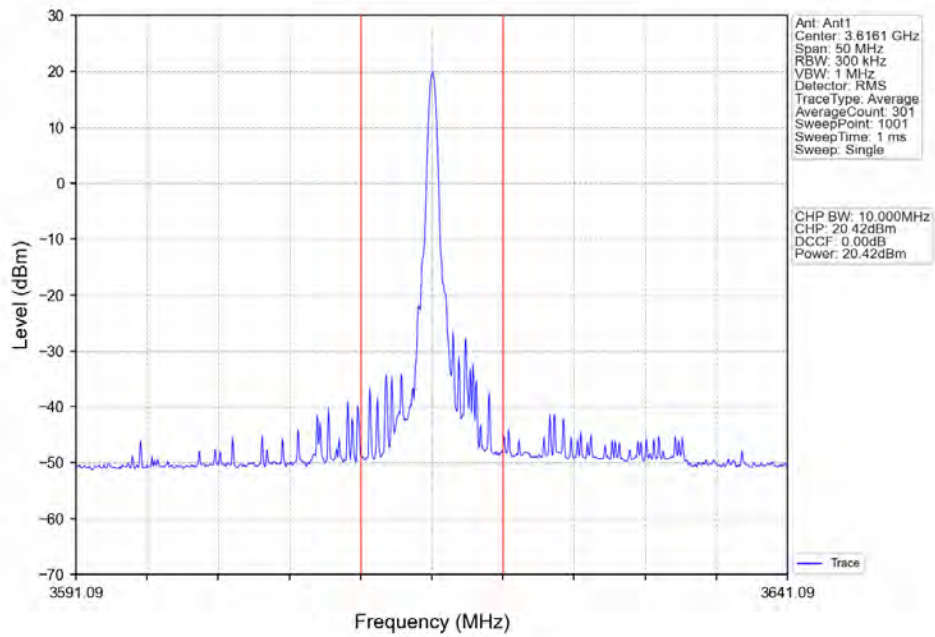
Band48 20MHz 16QAM LCH 3560MHz RB 50 50 NTN



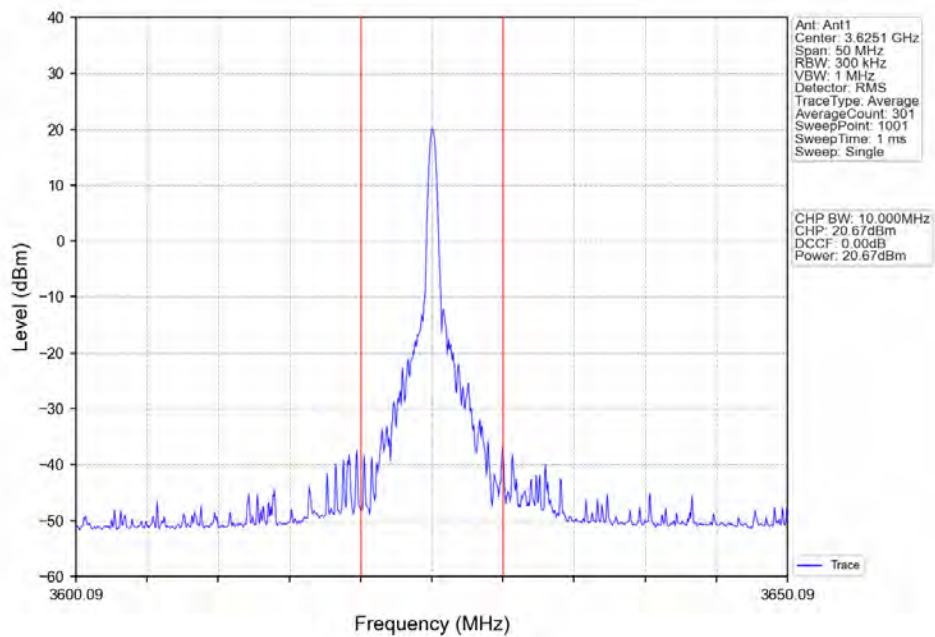
Band48 20MHz 16QAM LCH 3560MHz RB 100 0 NTN



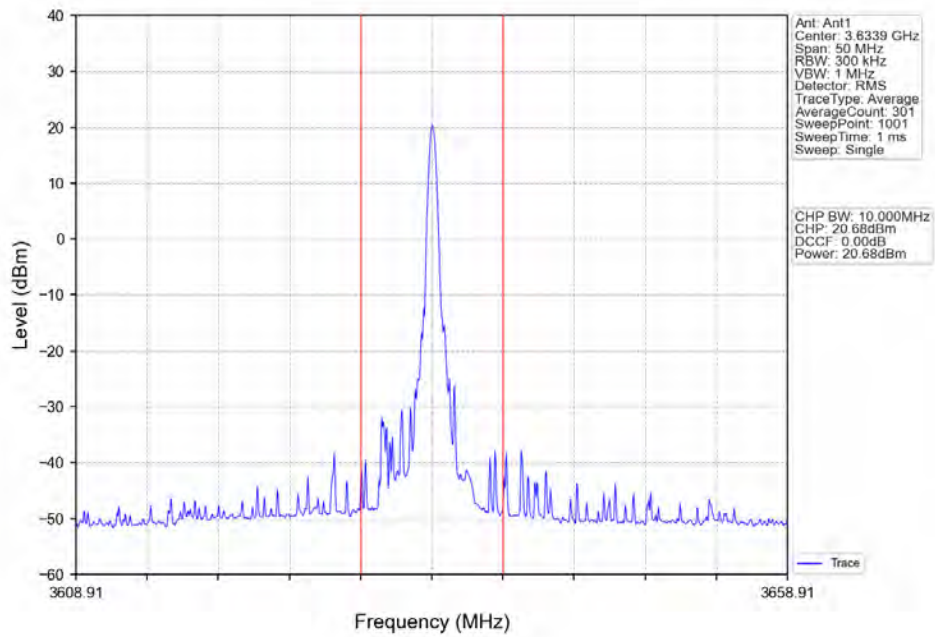
Band48 20MHz 16QAM MCH 3625MHz RB 1 0 NTNV



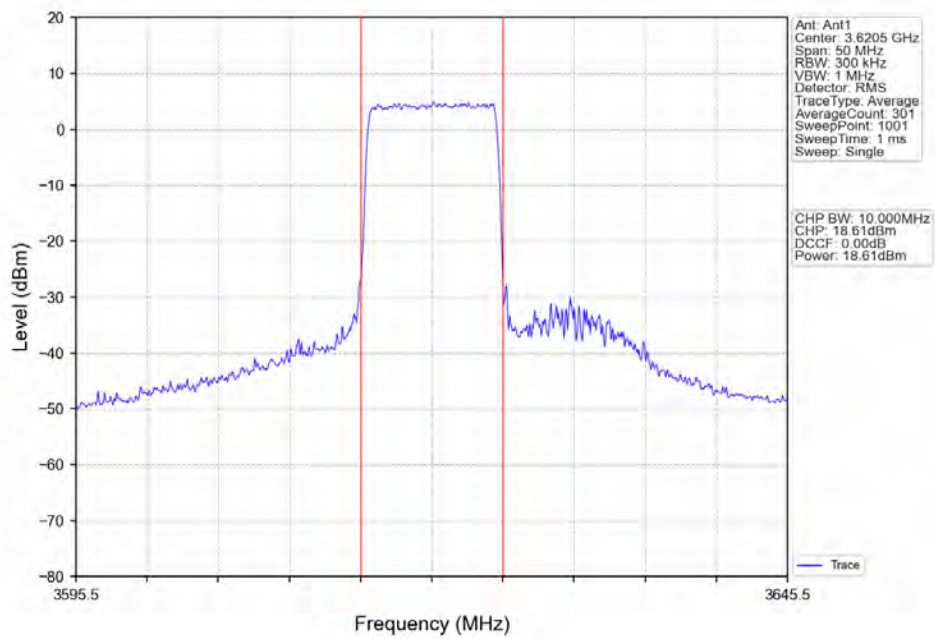
Band48 20MHz 16QAM MCH 3625MHz RB 1 50 NTNV



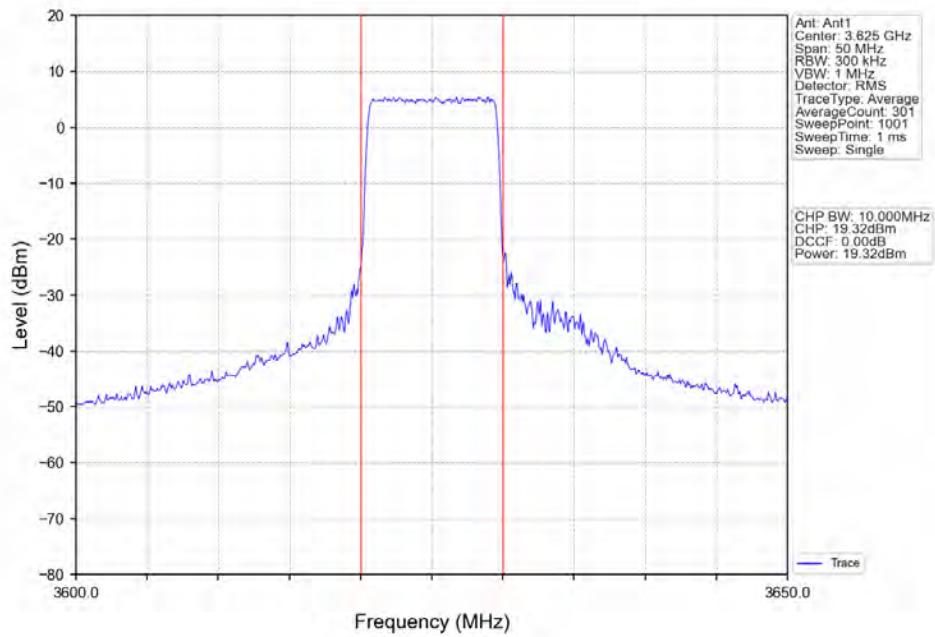
Band48 20MHz 16QAM MCH 3625MHz RB 1 99 NTNV



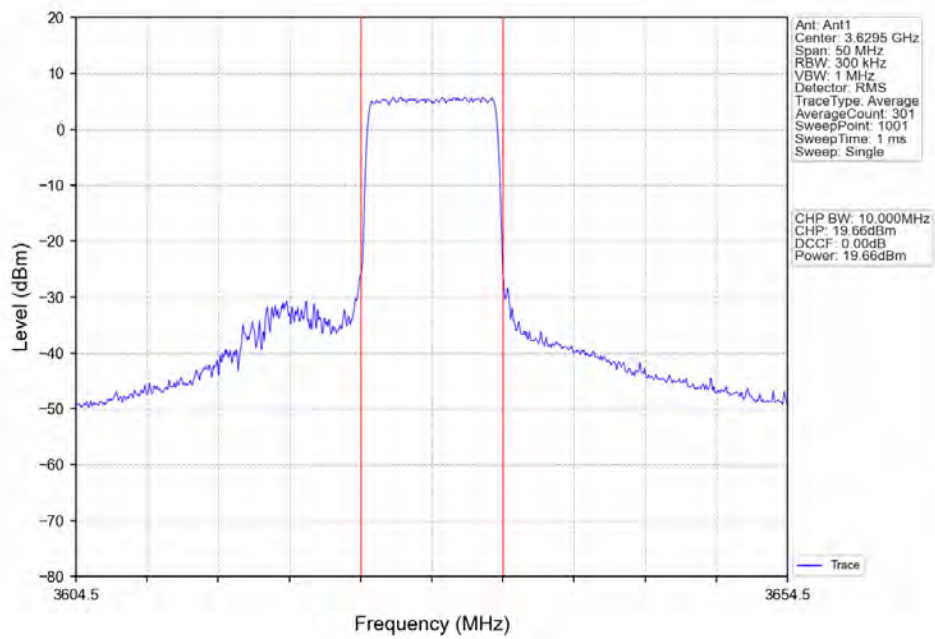
Band48 20MHz 16QAM MCH 3625MHz RB 50 0 NTNV



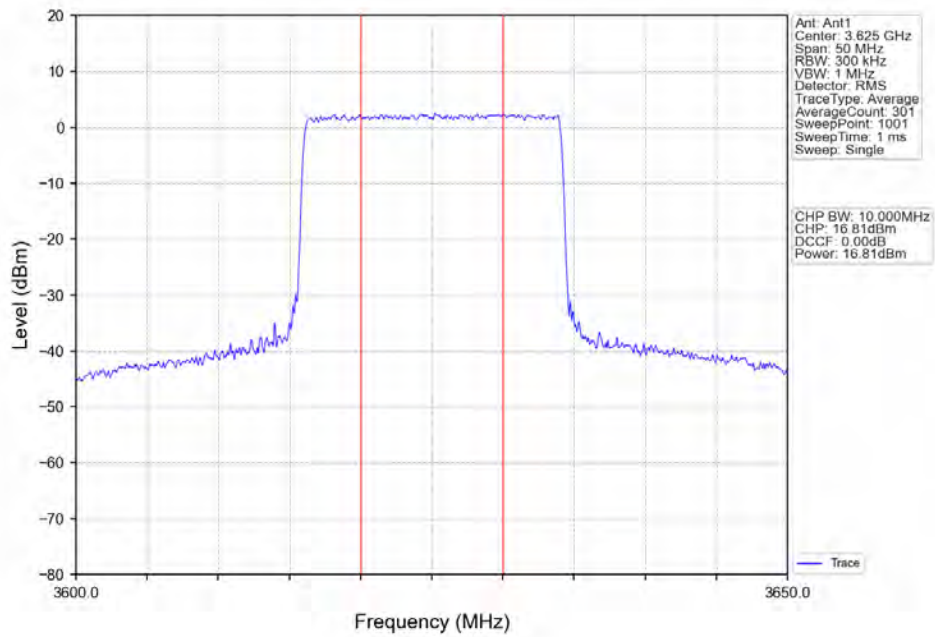
Band48 20MHz 16QAM MCH 3625MHz RB 50 25 NTN



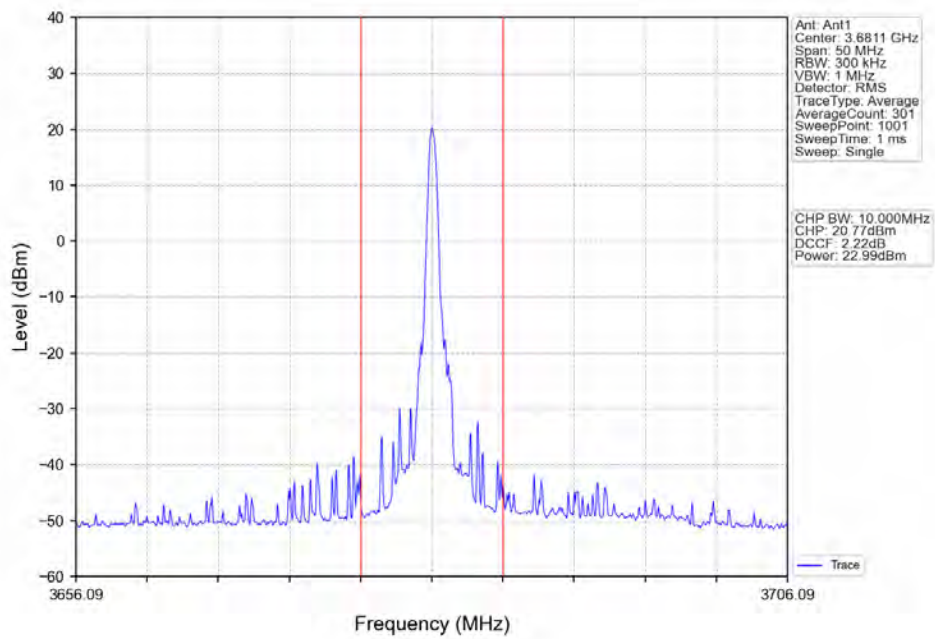
Band48 20MHz 16QAM MCH 3625MHz RB 50 50 NTN



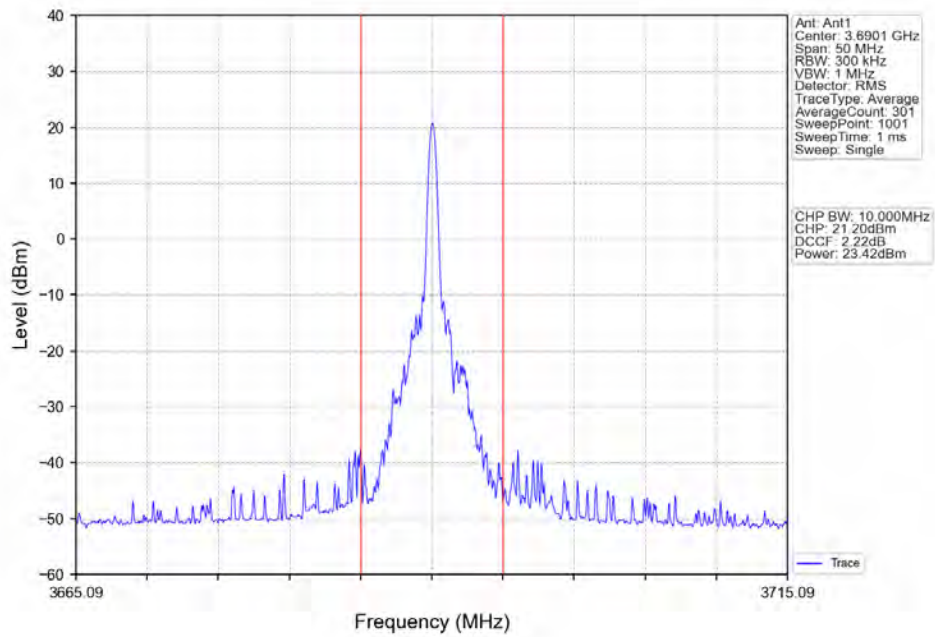
Band48 20MHz 16QAM MCH 3625MHz RB 100 0 NTNV



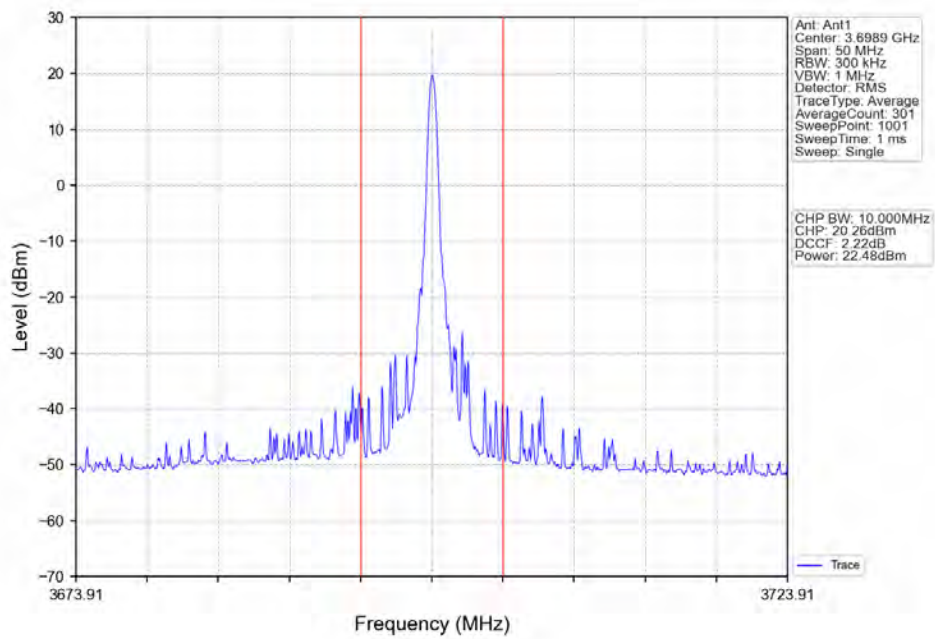
Band48 20MHz 16QAM HCH 3690MHz RB 1 0 NTNV



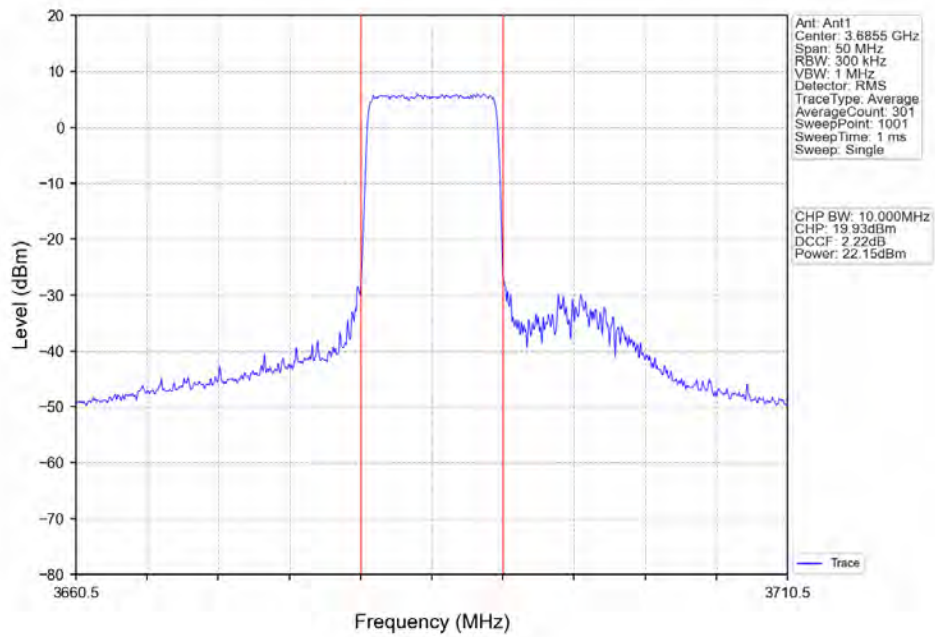
Band48 20MHz 16QAM HCH 3690MHz RB 1 50 NTNV



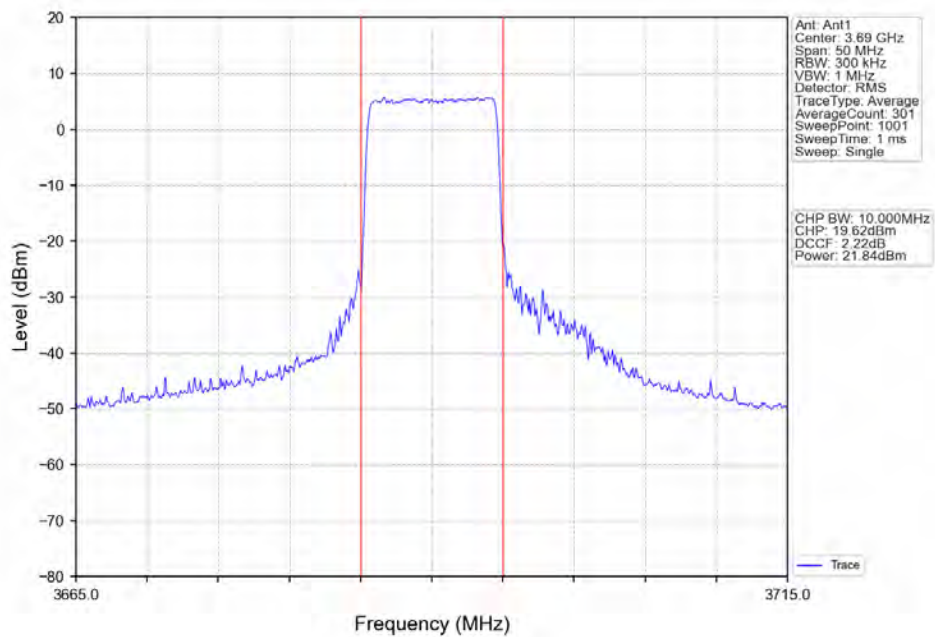
Band48 20MHz 16QAM HCH 3690MHz RB 1 99 NTNV



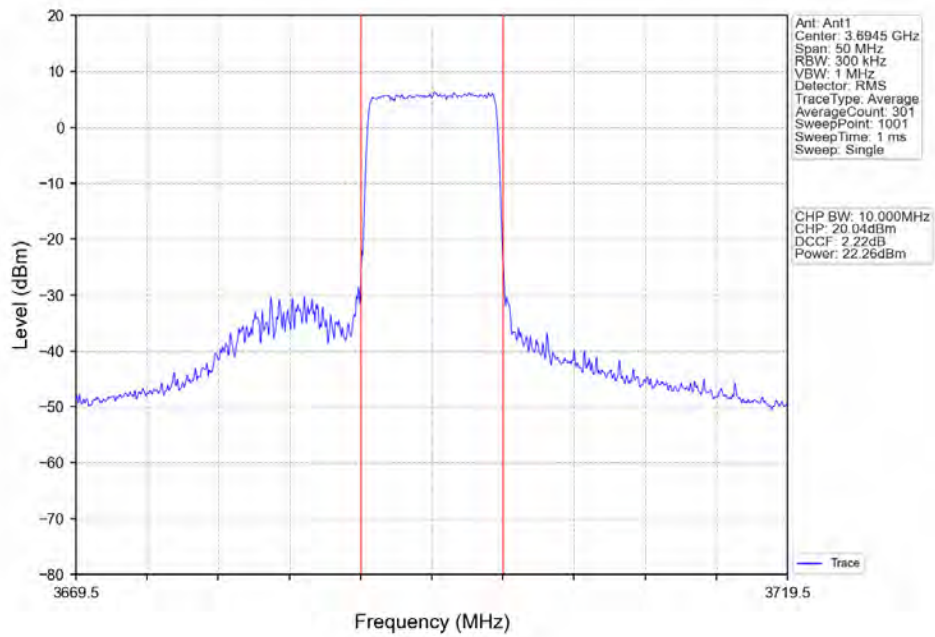
Band48 20MHz 16QAM HCH 3690MHz RB 50 0 NTNV



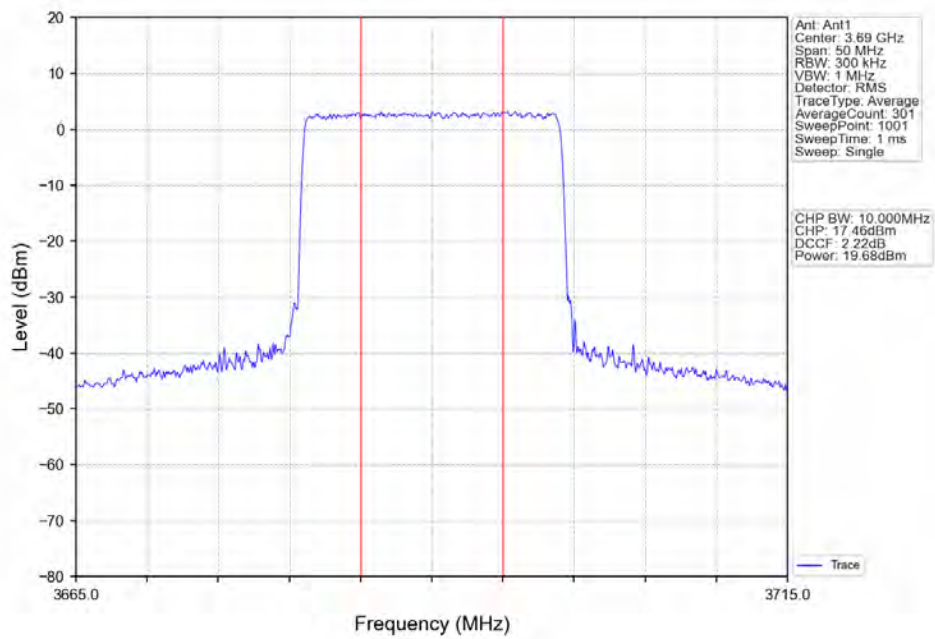
Band48 20MHz 16QAM HCH 3690MHz RB 50 25 NTNV



Band48 20MHz 16QAM HCH 3690MHz RB 50 50 NTN



Band48 20MHz 16QAM HCH 3690MHz RB 100 0 NTN



# 5G NR N48

## 1. Effective (Isotropic) Radiated Power Output Data

### 1.1 30k\_SISO\_10MHz\_NTNV\_EIRP

#### 1.1.1 Test Result

| 5G NR n48 SCS=30kHz SISO 10MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                    |                 |                 | Ant1                 | Ant2 | Sum | Ant1      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM QPSK                    | 3555            | Edge 1RB Left   | 21.64                | /    | /   | 15.54     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 21.66                | /    | /   | 15.56     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 21.77                | /    | /   | 15.67     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 21.80                | /    | /   | 15.70     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.63                | /    | /   | 15.53     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 21.73                | /    | /   | 15.63     | /    | /   | <=23  | Pass    |
|                                    | 3624.99         | Edge 1RB Left   | 21.81                | /    | /   | 15.71     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 21.83                | /    | /   | 15.73     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 21.86                | /    | /   | 15.76     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 21.80                | /    | /   | 15.70     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.83                | /    | /   | 15.73     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 21.85                | /    | /   | 15.75     | /    | /   | <=23  | Pass    |
|                                    | 3694.98         | Edge 1RB Left   | 21.71                | /    | /   | 15.61     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 21.74                | /    | /   | 15.64     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 21.79                | /    | /   | 15.69     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 21.92                | /    | /   | 15.82     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.71                | /    | /   | 15.61     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 21.91                | /    | /   | 15.81     | /    | /   | <=23  | Pass    |
| DFT-s-OFDM 16 QAM                  | 3555            | Edge 1RB Left   | 20.63                | /    | /   | 14.53     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.68                | /    | /   | 14.58     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 20.86                | /    | /   | 14.76     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 21.78                | /    | /   | 15.68     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.62                | /    | /   | 15.52     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 21.80                | /    | /   | 15.70     | /    | /   | <=23  | Pass    |
|                                    | 3624.99         | Edge 1RB Left   | 20.77                | /    | /   | 14.67     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.94                | /    | /   | 14.84     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 20.91                | /    | /   | 14.81     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 21.87                | /    | /   | 15.77     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.75                | /    | /   | 15.65     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 21.80                | /    | /   | 15.70     | /    | /   | <=23  | Pass    |
|                                    | 3694.98         | Edge 1RB Left   | 20.88                | /    | /   | 14.78     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.86                | /    | /   | 14.76     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 20.86                | /    | /   | 14.76     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 21.75                | /    | /   | 15.65     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.68                | /    | /   | 15.58     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 21.70                | /    | /   | 15.60     | /    | /   | <=23  | Pass    |
| DFT-s-OFDM 64 QAM                  | 3555            | Edge 1RB Left   | 20.14                | /    | /   | 14.04     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.16                | /    | /   | 14.06     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 20.33                | /    | /   | 14.23     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 20.13                | /    | /   | 14.03     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 20.15                | /    | /   | 14.05     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 20.19                | /    | /   | 14.09     | /    | /   | <=23  | Pass    |
|                                    | 3624.99         | Edge 1RB Left   | 20.32                | /    | /   | 14.22     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.14                | /    | /   | 14.04     | /    | /   | <=23  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Outer Full      | 20.38 | / | / | 14.28 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 20.42 | / | / | 14.32 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 20.22 | / | / | 14.12 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 20.25 | / | / | 14.15 | / | / | <=23 | Pass |
|                    | 3694.98 | Edge 1RB Left   | 20.02 | / | / | 13.92 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 20.13 | / | / | 14.03 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 20.32 | / | / | 14.22 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 20.27 | / | / | 14.17 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 20.09 | / | / | 13.99 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 20.16 | / | / | 14.06 | / | / | <=23 | Pass |
| DFT-s-OFDM 256 QAM | 3555    | Edge 1RB Left   | 18.04 | / | / | 11.94 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 18.30 | / | / | 12.20 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 18.33 | / | / | 12.23 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 18.25 | / | / | 12.15 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 18.08 | / | / | 11.98 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 18.34 | / | / | 12.24 | / | / | <=23 | Pass |
|                    | 3624.99 | Edge 1RB Left   | 18.25 | / | / | 12.15 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 18.24 | / | / | 12.14 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 18.41 | / | / | 12.31 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 18.33 | / | / | 12.23 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 18.33 | / | / | 12.23 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 18.30 | / | / | 12.20 | / | / | <=23 | Pass |
|                    | 3694.98 | Edge 1RB Left   | 18.08 | / | / | 11.98 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 18.15 | / | / | 12.05 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 18.31 | / | / | 12.21 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 18.33 | / | / | 12.23 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 18.41 | / | / | 12.31 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 18.14 | / | / | 12.04 | / | / | <=23 | Pass |
| CP-OFDM QPSK       | 3555    | Edge 1RB Left   | 19.55 | / | / | 13.45 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 19.66 | / | / | 13.56 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 19.75 | / | / | 13.65 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.34 | / | / | 15.24 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 21.06 | / | / | 14.96 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.37 | / | / | 15.27 | / | / | <=23 | Pass |
|                    | 3624.99 | Edge 1RB Left   | 19.87 | / | / | 13.77 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 19.81 | / | / | 13.71 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 19.79 | / | / | 13.69 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.43 | / | / | 15.33 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 21.17 | / | / | 15.07 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.41 | / | / | 15.31 | / | / | <=23 | Pass |
|                    | 3694.98 | Edge 1RB Left   | 19.73 | / | / | 13.63 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 19.62 | / | / | 13.52 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 19.83 | / | / | 13.73 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.30 | / | / | 15.20 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 21.28 | / | / | 15.18 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.25 | / | / | 15.15 | / | / | <=23 | Pass |
| CP-OFDM 16 QAM     | 3555    | Edge 1RB Left   | 19.53 | / | / | 13.43 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 19.65 | / | / | 13.55 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 19.73 | / | / | 13.63 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 20.77 | / | / | 14.67 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 20.62 | / | / | 14.52 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 20.92 | / | / | 14.82 | / | / | <=23 | Pass |
|                    | 3624.99 | Edge 1RB Left   | 19.71 | / | / | 13.61 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 19.83 | / | / | 13.73 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 19.97 | / | / | 13.87 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 20.83 | / | / | 14.73 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 20.78 | / | / | 14.68 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 20.88 | / | / | 14.78 | / | / | <=23 | Pass |
|                    | 3694.98 | Edge 1RB Left   | 19.79 | / | / | 13.69 | / | / | <=23 | Pass |

|                                                                                  |                 |                 |                |       |       |       |       |      |      |      |      |
|----------------------------------------------------------------------------------|-----------------|-----------------|----------------|-------|-------|-------|-------|------|------|------|------|
|                                                                                  |                 | Edge 1RB Right  | 19.71          | /     | /     | 13.61 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Outer_Full      | 19.77          | /     | /     | 13.67 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_Full      | 20.79          | /     | /     | 14.69 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_1RB_Left  | 20.78          | /     | /     | 14.68 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_1RB_Right | 20.79          | /     | /     | 14.69 | /     | /    | <=23 | Pass |      |
| CP-OFDM 64 QAM                                                                   | 3555            | Edge_1RB_Left   | 18.90          | /     | /     | 12.80 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Edge_1RB_Right  | 18.91          | /     | /     | 12.81 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Outer_Full      | 19.10          | /     | /     | 13.00 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_Full      | 19.32          | /     | /     | 13.22 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_1RB_Left  | 18.99          | /     | /     | 12.89 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_1RB_Right | 19.19          | /     | /     | 13.09 | /     | /    | <=23 | Pass |      |
|                                                                                  | 3624.99         | Edge_1RB_Left   | 18.86          | /     | /     | 12.76 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Edge_1RB_Right  | 18.99          | /     | /     | 12.89 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Outer_Full      | 19.51          | /     | /     | 13.41 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_Full      | 19.29          | /     | /     | 13.19 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_1RB_Left  | 19.18          | /     | /     | 13.08 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_1RB_Right | 19.43          | /     | /     | 13.33 | /     | /    | <=23 | Pass |      |
|                                                                                  | 3694.98         | Edge_1RB_Left   | 19.07          | /     | /     | 12.97 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Edge_1RB_Right  | 19.18          | /     | /     | 13.08 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Outer_Full      | 19.26          | /     | /     | 13.16 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_Full      | 19.23          | /     | /     | 13.13 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_1RB_Left  | 19.20          | /     | /     | 13.10 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_1RB_Right | 19.09          | /     | /     | 12.99 | /     | /    | <=23 | Pass |      |
|                                                                                  | CP-OFDM 256 QAM | 3555            | Edge_1RB_Left  | 16.21 | /     | /     | 10.11 | /    | /    | <=23 | Pass |
|                                                                                  |                 |                 | Edge_1RB_Right | 16.24 | /     | /     | 10.14 | /    | /    | <=23 | Pass |
| Outer_Full                                                                       |                 |                 | 16.30          | /     | /     | 10.20 | /     | /    | <=23 | Pass |      |
| Inner_Full                                                                       |                 |                 | 16.31          | /     | /     | 10.21 | /     | /    | <=23 | Pass |      |
| Inner_1RB_Left                                                                   |                 |                 | 16.22          | /     | /     | 10.12 | /     | /    | <=23 | Pass |      |
| Inner_1RB_Right                                                                  |                 |                 | 16.25          | /     | /     | 10.15 | /     | /    | <=23 | Pass |      |
| 3624.99                                                                          |                 | Edge_1RB_Left   | 16.38          | /     | /     | 10.28 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Edge_1RB_Right  | 16.31          | /     | /     | 10.21 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Outer_Full      | 16.45          | /     | /     | 10.35 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_Full      | 16.53          | /     | /     | 10.43 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_1RB_Left  | 16.20          | /     | /     | 10.10 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_1RB_Right | 16.34          | /     | /     | 10.24 | /     | /    | <=23 | Pass |      |
| 3694.98                                                                          |                 | Edge_1RB_Left   | 16.23          | /     | /     | 10.13 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Edge_1RB_Right  | 16.23          | /     | /     | 10.13 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Outer_Full      | 16.32          | /     | /     | 10.22 | /     | /    | <=23 | Pass |      |
|                                                                                  |                 | Inner_Full      | 16.44          | /     | /     | 10.34 | /     | /    | <=23 | Pass |      |
|                                                                                  | Inner_1RB_Left  | 16.32           | /              | /     | 10.22 | /     | /     | <=23 | Pass |      |      |
|                                                                                  |                 | Inner_1RB_Right | 16.26          | /     | /     | 10.16 | /     | /    | <=23 | Pass |      |
| Note1: Antenna Gain: Ant1: -6.10dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain |                 |                 |                |       |       |       |       |      |      |      |      |

## 1.2 30k\_SISO\_20MHz\_NTNV\_EIRP

### 1.2.1 Test Result

| 5G NR n48 SCS=30kHz SISO 20MHz NTN |                 |                 |                      |      |     |           |      |     |       |         |
|------------------------------------|-----------------|-----------------|----------------------|------|-----|-----------|------|-----|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation   | Conducted Power(dBm) |      |     | EIRP(dBm) |      |     |       | Verdict |
|                                    |                 |                 | Ant1                 | Ant2 | Sum | Ant1      | Ant2 | Sum | Limit |         |
| DFT-s-OFDM QPSK                    | 3560.01         | Edge 1RB Left   | 21.91                | /    | /   | 15.81     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 22.03                | /    | /   | 15.93     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 22.02                | /    | /   | 15.92     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 22.04                | /    | /   | 15.94     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.89                | /    | /   | 15.79     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 22.10                | /    | /   | 16.00     | /    | /   | <=23  | Pass    |
|                                    | 3624.99         | Edge 1RB Left   | 22.02                | /    | /   | 15.92     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 21.87                | /    | /   | 15.77     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 22.01                | /    | /   | 15.91     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 22.05                | /    | /   | 15.95     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 22.02                | /    | /   | 15.92     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 21.94                | /    | /   | 15.84     | /    | /   | <=23  | Pass    |
|                                    | 3690            | Edge 1RB Left   | 21.80                | /    | /   | 15.70     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 21.93                | /    | /   | 15.83     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 21.84                | /    | /   | 15.74     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 21.85                | /    | /   | 15.75     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.83                | /    | /   | 15.73     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 21.86                | /    | /   | 15.76     | /    | /   | <=23  | Pass    |
| DFT-s-OFDM 16 QAM                  | 3560.01         | Edge 1RB Left   | 20.92                | /    | /   | 14.82     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 21.05                | /    | /   | 14.95     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 21.02                | /    | /   | 14.92     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 22.01                | /    | /   | 15.91     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.97                | /    | /   | 15.87     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 22.23                | /    | /   | 16.13     | /    | /   | <=23  | Pass    |
|                                    | 3624.99         | Edge 1RB Left   | 21.05                | /    | /   | 14.95     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.91                | /    | /   | 14.81     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 21.07                | /    | /   | 14.97     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 22.11                | /    | /   | 16.01     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.90                | /    | /   | 15.80     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 21.96                | /    | /   | 15.86     | /    | /   | <=23  | Pass    |
|                                    | 3690            | Edge 1RB Left   | 20.82                | /    | /   | 14.72     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.80                | /    | /   | 14.70     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 20.89                | /    | /   | 14.79     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 21.94                | /    | /   | 15.84     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.82                | /    | /   | 15.72     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 21.82                | /    | /   | 15.72     | /    | /   | <=23  | Pass    |
| DFT-s-OFDM 64 QAM                  | 3560.01         | Edge 1RB Left   | 20.34                | /    | /   | 14.24     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.33                | /    | /   | 14.23     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 20.57                | /    | /   | 14.47     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 20.63                | /    | /   | 14.53     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 20.25                | /    | /   | 14.15     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 20.41                | /    | /   | 14.31     | /    | /   | <=23  | Pass    |
|                                    | 3624.99         | Edge 1RB Left   | 20.42                | /    | /   | 14.32     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.34                | /    | /   | 14.24     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 20.56                | /    | /   | 14.46     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 20.54                | /    | /   | 14.44     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 20.42                | /    | /   | 14.32     | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 20.38                | /    | /   | 14.28     | /    | /   | <=23  | Pass    |
|                                    | 3690            | Edge 1RB Left   | 20.27                | /    | /   | 14.17     | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.23                | /    | /   | 14.13     | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 20.46                | /    | /   | 14.36     | /    | /   | <=23  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Inner Full      | 20.43 | / | / | 14.33 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 20.23 | / | / | 14.13 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 20.21 | / | / | 14.11 | / | / | <=23 | Pass |
| DFT-s-OFDM 256 QAM | 3560.01 | Edge 1RB Left   | 18.52 | / | / | 12.42 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 18.63 | / | / | 12.53 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 18.59 | / | / | 12.49 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 18.57 | / | / | 12.47 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 18.51 | / | / | 12.41 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 18.59 | / | / | 12.49 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Left   | 18.59 | / | / | 12.49 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 18.37 | / | / | 12.27 | / | / | <=23 | Pass |
|                    | 3624.99 | Outer Full      | 18.55 | / | / | 12.45 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 18.56 | / | / | 12.46 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 18.57 | / | / | 12.47 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 18.37 | / | / | 12.27 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Left   | 18.20 | / | / | 12.10 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 18.31 | / | / | 12.21 | / | / | <=23 | Pass |
|                    | 3690    | Outer Full      | 18.43 | / | / | 12.33 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 18.33 | / | / | 12.23 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 18.24 | / | / | 12.14 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 18.35 | / | / | 12.25 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Left   | 19.83 | / | / | 13.73 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 20.06 | / | / | 13.96 | / | / | <=23 | Pass |
| CP-OFDM QPSK       | 3560.01 | Outer Full      | 20.03 | / | / | 13.93 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.52 | / | / | 15.42 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 21.44 | / | / | 15.34 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.52 | / | / | 15.42 | / | / | <=23 | Pass |
|                    | 3624.99 | Edge 1RB Left   | 20.01 | / | / | 13.91 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 19.92 | / | / | 13.82 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 19.99 | / | / | 13.89 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.54 | / | / | 15.44 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 21.50 | / | / | 15.40 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.45 | / | / | 15.35 | / | / | <=23 | Pass |
|                    | 3690    | Edge 1RB Left   | 19.79 | / | / | 13.69 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 19.89 | / | / | 13.79 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 19.89 | / | / | 13.79 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.40 | / | / | 15.30 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 21.27 | / | / | 15.17 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.37 | / | / | 15.27 | / | / | <=23 | Pass |
| CP-OFDM 16 QAM     | 3560.01 | Edge 1RB Left   | 19.88 | / | / | 13.78 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 20.16 | / | / | 14.06 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 20.03 | / | / | 13.93 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.03 | / | / | 14.93 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 20.95 | / | / | 14.85 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.01 | / | / | 14.91 | / | / | <=23 | Pass |
|                    | 3624.99 | Edge 1RB Left   | 20.05 | / | / | 13.95 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 19.99 | / | / | 13.89 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 20.04 | / | / | 13.94 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.17 | / | / | 15.07 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 21.19 | / | / | 15.09 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.01 | / | / | 14.91 | / | / | <=23 | Pass |
|                    | 3690    | Edge 1RB Left   | 19.80 | / | / | 13.70 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 19.87 | / | / | 13.77 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 19.83 | / | / | 13.73 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 20.96 | / | / | 14.86 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 20.79 | / | / | 14.69 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 20.81 | / | / | 14.71 | / | / | <=23 | Pass |
| CP-OFDM 64 QAM     | 3560.01 | Edge 1RB Left   | 19.20 | / | / | 13.10 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 19.50 | / | / | 13.40 | / | / | <=23 | Pass |

Note1: Antenna Gain: Ant1: -6.10dBi;  
Note2: EIRP=Conducted Power+Antenna Gain

### 1.3 30k\_SISO\_40MHz\_NTNV\_EIRP

#### 1.3.1 Test Result

| 5G NR n48 SCS=30kHz SISO 40MHz NTN |                 |                 |                             |      |     |                  |      |     |       |         |
|------------------------------------|-----------------|-----------------|-----------------------------|------|-----|------------------|------|-----|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation   | Conducted Power (dBm/10MHz) |      |     | EIRP (dBm/10MHz) |      |     |       | Verdict |
|                                    |                 |                 | Ant1                        | Ant2 | Sum | Ant1             | Ant2 | Sum | Limit |         |
| DFT-s-OFDM QPSK                    | 3570            | Edge 1RB Left   | 21.98                       | /    | /   | 15.88            | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 22.12                       | /    | /   | 16.02            | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 22.08                       | /    | /   | 15.98            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 22.00                       | /    | /   | 15.90            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 22.07                       | /    | /   | 15.97            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 22.05                       | /    | /   | 15.95            | /    | /   | <=23  | Pass    |
|                                    | 3624.99         | Edge 1RB Left   | 22.04                       | /    | /   | 15.94            | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 22.03                       | /    | /   | 15.93            | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 22.05                       | /    | /   | 15.95            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 22.05                       | /    | /   | 15.95            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 22.04                       | /    | /   | 15.94            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 22.12                       | /    | /   | 16.02            | /    | /   | <=23  | Pass    |
|                                    | 3679.98         | Edge 1RB Left   | 21.90                       | /    | /   | 15.80            | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 22.03                       | /    | /   | 15.93            | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 21.89                       | /    | /   | 15.79            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 21.88                       | /    | /   | 15.78            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.84                       | /    | /   | 15.74            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 22.01                       | /    | /   | 15.91            | /    | /   | <=23  | Pass    |
| DFT-s-OFDM 16 QAM                  | 3570            | Edge 1RB Left   | 21.02                       | /    | /   | 14.92            | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 21.00                       | /    | /   | 14.90            | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 21.13                       | /    | /   | 15.03            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 22.05                       | /    | /   | 15.95            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 22.05                       | /    | /   | 15.95            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 22.01                       | /    | /   | 15.91            | /    | /   | <=23  | Pass    |
|                                    | 3624.99         | Edge 1RB Left   | 20.97                       | /    | /   | 14.87            | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.98                       | /    | /   | 14.88            | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 21.06                       | /    | /   | 14.96            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 22.01                       | /    | /   | 15.91            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.79                       | /    | /   | 15.69            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 21.77                       | /    | /   | 15.67            | /    | /   | <=23  | Pass    |
|                                    | 3679.98         | Edge 1RB Left   | 20.84                       | /    | /   | 14.74            | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 21.00                       | /    | /   | 14.90            | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 20.91                       | /    | /   | 14.81            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 21.94                       | /    | /   | 15.84            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 21.86                       | /    | /   | 15.76            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 22.03                       | /    | /   | 15.93            | /    | /   | <=23  | Pass    |
| DFT-s-OFDM 64 QAM                  | 3570            | Edge 1RB Left   | 20.32                       | /    | /   | 14.22            | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.48                       | /    | /   | 14.38            | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 20.65                       | /    | /   | 14.55            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 20.65                       | /    | /   | 14.55            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 20.24                       | /    | /   | 14.14            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 20.37                       | /    | /   | 14.27            | /    | /   | <=23  | Pass    |
|                                    | 3624.99         | Edge 1RB Left   | 20.31                       | /    | /   | 14.21            | /    | /   | <=23  | Pass    |
|                                    |                 | Edge 1RB Right  | 20.52                       | /    | /   | 14.42            | /    | /   | <=23  | Pass    |
|                                    |                 | Outer Full      | 20.53                       | /    | /   | 14.43            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner Full      | 20.55                       | /    | /   | 14.45            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Left  | 20.48                       | /    | /   | 14.38            | /    | /   | <=23  | Pass    |
|                                    |                 | Inner 1RB Right | 20.33                       | /    | /   | 14.23            | /    | /   | <=23  | Pass    |
|                                    | 3679.98         | Edge 1RB Left   | 20.28                       | /    | /   | 14.18            | /    | /   | <=23  | Pass    |

|                    |         |                 |       |   |   |       |   |   |      |      |
|--------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
|                    |         | Edge 1RB Right  | 20.24 | / | / | 14.14 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 20.38 | / | / | 14.28 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 20.42 | / | / | 14.32 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 20.29 | / | / | 14.19 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 20.32 | / | / | 14.22 | / | / | <=23 | Pass |
| DFT-s-OFDM 256 QAM | 3570    | Edge 1RB Left   | 18.33 | / | / | 12.23 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 18.49 | / | / | 12.39 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 18.65 | / | / | 12.55 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 18.53 | / | / | 12.43 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 18.46 | / | / | 12.36 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 18.50 | / | / | 12.40 | / | / | <=23 | Pass |
|                    | 3624.99 | Edge 1RB Left   | 18.44 | / | / | 12.34 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 18.63 | / | / | 12.53 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 18.45 | / | / | 12.35 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 18.51 | / | / | 12.41 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 18.53 | / | / | 12.43 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 18.45 | / | / | 12.35 | / | / | <=23 | Pass |
|                    | 3679.98 | Edge 1RB Left   | 18.40 | / | / | 12.30 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 18.39 | / | / | 12.29 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 18.41 | / | / | 12.31 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 18.40 | / | / | 12.30 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 18.34 | / | / | 12.24 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 18.42 | / | / | 12.32 | / | / | <=23 | Pass |
| CP-OFDM QPSK       | 3570    | Edge 1RB Left   | 19.98 | / | / | 13.88 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 20.02 | / | / | 13.92 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 20.09 | / | / | 13.99 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.68 | / | / | 15.58 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 21.41 | / | / | 15.31 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.42 | / | / | 15.32 | / | / | <=23 | Pass |
|                    | 3624.99 | Edge 1RB Left   | 19.93 | / | / | 13.83 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 19.95 | / | / | 13.85 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 19.95 | / | / | 13.85 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.51 | / | / | 15.41 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 21.50 | / | / | 15.40 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.24 | / | / | 15.14 | / | / | <=23 | Pass |
|                    | 3679.98 | Edge 1RB Left   | 19.81 | / | / | 13.71 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 20.04 | / | / | 13.94 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 19.93 | / | / | 13.83 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.43 | / | / | 15.33 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 21.20 | / | / | 15.10 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.47 | / | / | 15.37 | / | / | <=23 | Pass |
| CP-OFDM 16 QAM     | 3570    | Edge 1RB Left   | 19.93 | / | / | 13.83 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 20.03 | / | / | 13.93 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 20.08 | / | / | 13.98 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.16 | / | / | 15.06 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 21.09 | / | / | 14.99 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.07 | / | / | 14.97 | / | / | <=23 | Pass |
|                    | 3624.99 | Edge 1RB Left   | 20.02 | / | / | 13.92 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 20.14 | / | / | 14.04 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 20.04 | / | / | 13.94 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 21.00 | / | / | 14.90 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 21.03 | / | / | 14.93 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.16 | / | / | 15.06 | / | / | <=23 | Pass |
|                    | 3679.98 | Edge 1RB Left   | 19.75 | / | / | 13.65 | / | / | <=23 | Pass |
|                    |         | Edge 1RB Right  | 20.01 | / | / | 13.91 | / | / | <=23 | Pass |
|                    |         | Outer Full      | 19.90 | / | / | 13.80 | / | / | <=23 | Pass |
|                    |         | Inner Full      | 20.94 | / | / | 14.84 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Left  | 20.81 | / | / | 14.71 | / | / | <=23 | Pass |
|                    |         | Inner 1RB Right | 21.00 | / | / | 14.90 | / | / | <=23 | Pass |

|                                                                                      |         |                 |       |   |   |       |   |   |      |      |
|--------------------------------------------------------------------------------------|---------|-----------------|-------|---|---|-------|---|---|------|------|
| CP-OFDM 64 QAM                                                                       | 3570    | Edge 1RB Left   | 19.40 | / | / | 13.30 | / | / | <=23 | Pass |
|                                                                                      |         | Edge 1RB Right  | 19.56 | / | / | 13.46 | / | / | <=23 | Pass |
|                                                                                      |         | Outer Full      | 19.62 | / | / | 13.52 | / | / | <=23 | Pass |
|                                                                                      |         | Inner Full      | 19.59 | / | / | 13.49 | / | / | <=23 | Pass |
|                                                                                      |         | Inner 1RB Left  | 19.23 | / | / | 13.13 | / | / | <=23 | Pass |
|                                                                                      |         | Inner 1RB Right | 19.53 | / | / | 13.43 | / | / | <=23 | Pass |
|                                                                                      | 3624.99 | Edge 1RB Left   | 19.49 | / | / | 13.39 | / | / | <=23 | Pass |
|                                                                                      |         | Edge 1RB Right  | 19.38 | / | / | 13.28 | / | / | <=23 | Pass |
|                                                                                      |         | Outer Full      | 19.53 | / | / | 13.43 | / | / | <=23 | Pass |
|                                                                                      |         | Inner Full      | 19.53 | / | / | 13.43 | / | / | <=23 | Pass |
|                                                                                      |         | Inner 1RB Left  | 19.49 | / | / | 13.39 | / | / | <=23 | Pass |
|                                                                                      |         | Inner 1RB Right | 19.49 | / | / | 13.39 | / | / | <=23 | Pass |
|                                                                                      | 3679.98 | Edge 1RB Left   | 19.15 | / | / | 13.05 | / | / | <=23 | Pass |
|                                                                                      |         | Edge 1RB Right  | 19.48 | / | / | 13.38 | / | / | <=23 | Pass |
|                                                                                      |         | Outer Full      | 19.48 | / | / | 13.38 | / | / | <=23 | Pass |
|                                                                                      |         | Inner Full      | 19.47 | / | / | 13.37 | / | / | <=23 | Pass |
|                                                                                      |         | Inner 1RB Left  | 19.20 | / | / | 13.10 | / | / | <=23 | Pass |
|                                                                                      |         | Inner 1RB Right | 19.40 | / | / | 13.30 | / | / | <=23 | Pass |
| CP-OFDM 256 QAM                                                                      | 3570    | Edge 1RB Left   | 16.53 | / | / | 10.43 | / | / | <=23 | Pass |
|                                                                                      |         | Edge 1RB Right  | 16.57 | / | / | 10.47 | / | / | <=23 | Pass |
|                                                                                      |         | Outer Full      | 16.55 | / | / | 10.45 | / | / | <=23 | Pass |
|                                                                                      |         | Inner Full      | 16.73 | / | / | 10.63 | / | / | <=23 | Pass |
|                                                                                      |         | Inner 1RB Left  | 16.42 | / | / | 10.32 | / | / | <=23 | Pass |
|                                                                                      |         | Inner 1RB Right | 16.49 | / | / | 10.39 | / | / | <=23 | Pass |
|                                                                                      | 3624.99 | Edge 1RB Left   | 16.47 | / | / | 10.37 | / | / | <=23 | Pass |
|                                                                                      |         | Edge 1RB Right  | 16.61 | / | / | 10.51 | / | / | <=23 | Pass |
|                                                                                      |         | Outer Full      | 16.44 | / | / | 10.34 | / | / | <=23 | Pass |
|                                                                                      |         | Inner Full      | 16.45 | / | / | 10.35 | / | / | <=23 | Pass |
|                                                                                      |         | Inner 1RB Left  | 16.60 | / | / | 10.50 | / | / | <=23 | Pass |
|                                                                                      |         | Inner 1RB Right | 16.37 | / | / | 10.27 | / | / | <=23 | Pass |
|                                                                                      | 3679.98 | Edge 1RB Left   | 16.17 | / | / | 10.07 | / | / | <=23 | Pass |
|                                                                                      |         | Edge 1RB Right  | 16.46 | / | / | 10.36 | / | / | <=23 | Pass |
|                                                                                      |         | Outer Full      | 16.43 | / | / | 10.33 | / | / | <=23 | Pass |
|                                                                                      |         | Inner Full      | 16.30 | / | / | 10.20 | / | / | <=23 | Pass |
|                                                                                      |         | Inner 1RB Left  | 16.37 | / | / | 10.27 | / | / | <=23 | Pass |
|                                                                                      |         | Inner 1RB Right | 16.41 | / | / | 10.31 | / | / | <=23 | Pass |
| Note1: Antenna Gain: Ant1: -6.10dB;         Note2: EIRP=Conducted Power+Antenna Gain |         |                 |       |   |   |       |   |   |      |      |

UL 48C - LTE

Effective (Isotropic) Radiated Power Output Data

| Bandwidth   | Modulation  | Channel     | RB Configuration | Result(dBm) | EIRP(dBm) | LIMIT | Verdict |
|-------------|-------------|-------------|------------------|-------------|-----------|-------|---------|
| 10MHz-20MHz | QPSK-QPSK   | 55295-55439 | 1RB#0-0RB#0      | 21.65       | 15.55     | 23    | PASS    |
| 10MHz-20MHz | QPSK-QPSK   | 55295-55439 | 50RB#0-100RB#0   | 16.01       | 9.91      | 23    | PASS    |
| 10MHz-20MHz | QPSK-QPSK   | 55896-56040 | 1RB#0-0RB#0      | 21.75       | 15.65     | 23    | PASS    |
| 10MHz-20MHz | QPSK-QPSK   | 55896-56040 | 50RB#0-100RB#0   | 16.07       | 9.97      | 23    | PASS    |
| 10MHz-20MHz | QPSK-QPSK   | 56496-56640 | 1RB#0-0RB#0      | 21.74       | 15.64     | 23    | PASS    |
| 10MHz-20MHz | QPSK-QPSK   | 56496-56640 | 50RB#0-100RB#0   | 16.02       | 9.92      | 23    | PASS    |
| 10MHz-20MHz | 16QAM-16QAM | 55295-55439 | 1RB#0-0RB#0      | 20.7        | 14.6      | 23    | PASS    |
| 10MHz-20MHz | 16QAM-16QAM | 55295-55439 | 50RB#0-100RB#0   | 19.49       | 13.39     | 23    | PASS    |
| 10MHz-20MHz | 16QAM-16QAM | 55896-56040 | 1RB#0-0RB#0      | 20.76       | 14.66     | 23    | PASS    |
| 10MHz-20MHz | 16QAM-16QAM | 55896-56040 | 50RB#0-100RB#0   | 19.51       | 13.41     | 23    | PASS    |
| 10MHz-20MHz | 16QAM-16QAM | 56496-56640 | 1RB#0-0RB#0      | 20.74       | 14.64     | 23    | PASS    |
| 10MHz-20MHz | 16QAM-16QAM | 56496-56640 | 50RB#0-100RB#0   | 19.53       | 13.43     | 23    | PASS    |
| 10MHz-20MHz | 64QAM-64QAM | 55295-55439 | 1RB#0-0RB#0      | 19.79       | 13.69     | 23    | PASS    |
| 10MHz-20MHz | 64QAM-64QAM | 55295-55439 | 50RB#0-100RB#0   | 19.48       | 13.38     | 23    | PASS    |

|             |               |             |                |       |       |    |      |
|-------------|---------------|-------------|----------------|-------|-------|----|------|
| 10MHz-20MHz | 64QAM-64QAM   | 55896-56040 | 1RB#0-0RB#0    | 19.93 | 13.83 | 23 | PASS |
| 10MHz-20MHz | 64QAM-64QAM   | 55896-56040 | 50RB#0-100RB#0 | 19.52 | 13.42 | 23 | PASS |
| 10MHz-20MHz | 64QAM-64QAM   | 56496-56640 | 1RB#0-0RB#0    | 19.77 | 13.67 | 23 | PASS |
| 10MHz-20MHz | 64QAM-64QAM   | 56496-56640 | 50RB#0-100RB#0 | 19.52 | 13.42 | 23 | PASS |
| 10MHz-20MHz | 256QAM-256QAM | 55295-55439 | 1RB#0-0RB#0    | 16.71 | 10.61 | 23 | PASS |
| 10MHz-20MHz | 256QAM-256QAM | 55295-55439 | 50RB#0-100RB#0 | 17.48 | 11.38 | 23 | PASS |
| 10MHz-20MHz | 256QAM-256QAM | 55896-56040 | 1RB#0-0RB#0    | 16.82 | 10.72 | 23 | PASS |
| 10MHz-20MHz | 256QAM-256QAM | 55896-56040 | 50RB#0-100RB#0 | 17.54 | 11.44 | 23 | PASS |
| 10MHz-20MHz | 256QAM-256QAM | 56496-56640 | 1RB#0-0RB#0    | 16.83 | 10.73 | 23 | PASS |
| 10MHz-20MHz | 256QAM-256QAM | 56496-56640 | 50RB#0-100RB#0 | 17.52 | 11.42 | 23 | PASS |
| 15MHz-20MHz | QPSK-QPSK     | 55318-55489 | 1RB#0-0RB#0    | 21.64 | 15.54 | 23 | PASS |
| 15MHz-20MHz | QPSK-QPSK     | 55318-55489 | 75RB#0-100RB#0 | 16.11 | 10.01 | 23 | PASS |
| 15MHz-20MHz | QPSK-QPSK     | 55893-56064 | 1RB#0-0RB#0    | 21.77 | 15.67 | 23 | PASS |
| 15MHz-20MHz | QPSK-QPSK     | 55893-56064 | 75RB#0-100RB#0 | 16.2  | 10.1  | 23 | PASS |
| 15MHz-20MHz | QPSK-QPSK     | 56469-56640 | 1RB#0-0RB#0    | 21.72 | 15.62 | 23 | PASS |
| 15MHz-20MHz | QPSK-QPSK     | 56469-56640 | 75RB#0-100RB#0 | 16.16 | 10.06 | 23 | PASS |

|             |               |             |                |       |       |    |      |
|-------------|---------------|-------------|----------------|-------|-------|----|------|
| 15MHz-20MHz | 16QAM-16QAM   | 55318-55489 | 1RB#0-0RB#0    | 20.54 | 14.44 | 23 | PASS |
| 15MHz-20MHz | 16QAM-16QAM   | 55318-55489 | 75RB#0-100RB#0 | 19.59 | 13.49 | 23 | PASS |
| 15MHz-20MHz | 16QAM-16QAM   | 55893-56064 | 1RB#0-0RB#0    | 20.77 | 14.67 | 23 | PASS |
| 15MHz-20MHz | 16QAM-16QAM   | 55893-56064 | 75RB#0-100RB#0 | 19.65 | 13.55 | 23 | PASS |
| 15MHz-20MHz | 16QAM-16QAM   | 56469-56640 | 1RB#0-0RB#0    | 20.72 | 14.62 | 23 | PASS |
| 15MHz-20MHz | 16QAM-16QAM   | 56469-56640 | 75RB#0-100RB#0 | 19.64 | 13.54 | 23 | PASS |
| 15MHz-20MHz | 64QAM-64QAM   | 55318-55489 | 1RB#0-0RB#0    | 19.83 | 13.73 | 23 | PASS |
| 15MHz-20MHz | 64QAM-64QAM   | 55318-55489 | 75RB#0-100RB#0 | 19.62 | 13.52 | 23 | PASS |
| 15MHz-20MHz | 64QAM-64QAM   | 55893-56064 | 1RB#0-0RB#0    | 19.98 | 13.88 | 23 | PASS |
| 15MHz-20MHz | 64QAM-64QAM   | 55893-56064 | 75RB#0-100RB#0 | 19.63 | 13.53 | 23 | PASS |
| 15MHz-20MHz | 64QAM-64QAM   | 56469-56640 | 1RB#0-0RB#0    | 19.88 | 13.78 | 23 | PASS |
| 15MHz-20MHz | 64QAM-64QAM   | 56469-56640 | 75RB#0-100RB#0 | 19.66 | 13.56 | 23 | PASS |
| 15MHz-20MHz | 256QAM-256QAM | 55318-55489 | 1RB#0-0RB#0    | 16.67 | 10.57 | 23 | PASS |
| 15MHz-20MHz | 256QAM-256QAM | 55318-55489 | 75RB#0-100RB#0 | 17.64 | 11.54 | 23 | PASS |
| 15MHz-20MHz | 256QAM-256QAM | 55893-56064 | 1RB#0-0RB#0    | 16.75 | 10.65 | 23 | PASS |
| 15MHz-20MHz | 256QAM-256QAM | 55893-56064 | 75RB#0-100RB#0 | 17.69 | 11.59 | 23 | PASS |

|             |               |             |                |       |       |    |      |
|-------------|---------------|-------------|----------------|-------|-------|----|------|
| 15MHz-20MHz | 256QAM-256QAM | 56469-56640 | 1RB#0-0RB#0    | 16.77 | 10.67 | 23 | PASS |
| 15MHz-20MHz | 256QAM-256QAM | 56469-56640 | 75RB#0-100RB#0 | 17.63 | 11.53 | 23 | PASS |
| 20MHz-10MHz | QPSK-QPSK     | 55340-55484 | 100RB#0-50RB#0 | 16.02 | 9.92  | 23 | PASS |
| 20MHz-10MHz | QPSK-QPSK     | 55340-55484 | 1RB#0-0RB#0    | 21.66 | 15.56 | 23 | PASS |
| 20MHz-10MHz | QPSK-QPSK     | 55941-56085 | 100RB#0-50RB#0 | 16.09 | 9.99  | 23 | PASS |
| 20MHz-10MHz | QPSK-QPSK     | 55941-56085 | 1RB#0-0RB#0    | 21.64 | 15.54 | 23 | PASS |
| 20MHz-10MHz | QPSK-QPSK     | 56541-56685 | 100RB#0-50RB#0 | 16.07 | 9.97  | 23 | PASS |
| 20MHz-10MHz | QPSK-QPSK     | 56541-56685 | 1RB#0-0RB#0    | 21.74 | 15.64 | 23 | PASS |
| 20MHz-10MHz | 16QAM-16QAM   | 55340-55484 | 100RB#0-50RB#0 | 19.48 | 13.38 | 23 | PASS |
| 20MHz-10MHz | 16QAM-16QAM   | 55340-55484 | 1RB#0-0RB#0    | 20.64 | 14.54 | 23 | PASS |
| 20MHz-10MHz | 16QAM-16QAM   | 55941-56085 | 100RB#0-50RB#0 | 19.54 | 13.44 | 23 | PASS |
| 20MHz-10MHz | 16QAM-16QAM   | 55941-56085 | 1RB#0-0RB#0    | 20.68 | 14.58 | 23 | PASS |
| 20MHz-10MHz | 16QAM-16QAM   | 56541-56685 | 100RB#0-50RB#0 | 19.53 | 13.43 | 23 | PASS |
| 20MHz-10MHz | 16QAM-16QAM   | 56541-56685 | 1RB#0-0RB#0    | 20.72 | 14.62 | 23 | PASS |
| 20MHz-10MHz | 64QAM-64QAM   | 55340-55484 | 100RB#0-50RB#0 | 19.54 | 13.44 | 23 | PASS |
| 20MHz-10MHz | 64QAM-64QAM   | 55340-55484 | 1RB#0-0RB#0    | 19.86 | 13.76 | 23 | PASS |

|             |               |             |                |       |       |    |      |
|-------------|---------------|-------------|----------------|-------|-------|----|------|
| 20MHz-10MHz | 64QAM-64QAM   | 55941-56085 | 100RB#0-50RB#0 | 19.59 | 13.49 | 23 | PASS |
| 20MHz-10MHz | 64QAM-64QAM   | 55941-56085 | 1RB#0-0RB#0    | 19.92 | 13.82 | 23 | PASS |
| 20MHz-10MHz | 64QAM-64QAM   | 56541-56685 | 100RB#0-50RB#0 | 19.56 | 13.46 | 23 | PASS |
| 20MHz-10MHz | 64QAM-64QAM   | 56541-56685 | 1RB#0-0RB#0    | 19.82 | 13.72 | 23 | PASS |
| 20MHz-10MHz | 256QAM-256QAM | 55340-55484 | 100RB#0-50RB#0 | 17.56 | 11.46 | 23 | PASS |
| 20MHz-10MHz | 256QAM-256QAM | 55340-55484 | 1RB#0-0RB#0    | 16.71 | 10.61 | 23 | PASS |
| 20MHz-10MHz | 256QAM-256QAM | 55941-56085 | 100RB#0-50RB#0 | 17.58 | 11.48 | 23 | PASS |
| 20MHz-10MHz | 256QAM-256QAM | 55941-56085 | 1RB#0-0RB#0    | 16.84 | 10.74 | 23 | PASS |
| 20MHz-10MHz | 256QAM-256QAM | 56541-56685 | 100RB#0-50RB#0 | 17.56 | 11.46 | 23 | PASS |
| 20MHz-10MHz | 256QAM-256QAM | 56541-56685 | 1RB#0-0RB#0    | 16.8  | 10.7  | 23 | PASS |
| 20MHz-15MHz | QPSK-QPSK     | 55340-55511 | 100RB#0-75RB#0 | 16.14 | 10.04 | 23 | PASS |
| 20MHz-15MHz | QPSK-QPSK     | 55340-55511 | 1RB#0-0RB#0    | 21.79 | 15.69 | 23 | PASS |
| 20MHz-15MHz | QPSK-QPSK     | 55916-56087 | 100RB#0-75RB#0 | 16.18 | 10.08 | 23 | PASS |
| 20MHz-15MHz | QPSK-QPSK     | 55916-56087 | 1RB#0-0RB#0    | 21.79 | 15.69 | 23 | PASS |
| 20MHz-15MHz | QPSK-QPSK     | 56491-56662 | 100RB#0-75RB#0 | 16.15 | 10.05 | 23 | PASS |
| 20MHz-15MHz | QPSK-QPSK     | 56491-56662 | 1RB#0-0RB#0    | 21.71 | 15.61 | 23 | PASS |

|             |               |             |                |       |       |    |      |
|-------------|---------------|-------------|----------------|-------|-------|----|------|
| 20MHz-15MHz | 16QAM-16QAM   | 55340-55511 | 100RB#0-75RB#0 | 19.59 | 13.49 | 23 | PASS |
| 20MHz-15MHz | 16QAM-16QAM   | 55340-55511 | 1RB#0-0RB#0    | 20.92 | 14.82 | 23 | PASS |
| 20MHz-15MHz | 16QAM-16QAM   | 55916-56087 | 100RB#0-75RB#0 | 19.6  | 13.5  | 23 | PASS |
| 20MHz-15MHz | 16QAM-16QAM   | 55916-56087 | 1RB#0-0RB#0    | 20.78 | 14.68 | 23 | PASS |
| 20MHz-15MHz | 16QAM-16QAM   | 56491-56662 | 100RB#0-75RB#0 | 19.59 | 13.49 | 23 | PASS |
| 20MHz-15MHz | 16QAM-16QAM   | 56491-56662 | 1RB#0-0RB#0    | 20.72 | 14.62 | 23 | PASS |
| 20MHz-15MHz | 64QAM-64QAM   | 55340-55511 | 100RB#0-75RB#0 | 19.61 | 13.51 | 23 | PASS |
| 20MHz-15MHz | 64QAM-64QAM   | 55340-55511 | 1RB#0-0RB#0    | 19.88 | 13.78 | 23 | PASS |
| 20MHz-15MHz | 64QAM-64QAM   | 55916-56087 | 100RB#0-75RB#0 | 19.64 | 13.54 | 23 | PASS |
| 20MHz-15MHz | 64QAM-64QAM   | 55916-56087 | 1RB#0-0RB#0    | 20    | 13.9  | 23 | PASS |
| 20MHz-15MHz | 64QAM-64QAM   | 56491-56662 | 100RB#0-75RB#0 | 19.62 | 13.52 | 23 | PASS |
| 20MHz-15MHz | 64QAM-64QAM   | 56491-56662 | 1RB#0-0RB#0    | 19.83 | 13.73 | 23 | PASS |
| 20MHz-15MHz | 256QAM-256QAM | 55340-55511 | 100RB#0-75RB#0 | 17.67 | 11.57 | 23 | PASS |
| 20MHz-15MHz | 256QAM-256QAM | 55340-55511 | 1RB#0-0RB#0    | 16.86 | 10.76 | 23 | PASS |
| 20MHz-15MHz | 256QAM-256QAM | 55916-56087 | 100RB#0-75RB#0 | 17.64 | 11.54 | 23 | PASS |
| 20MHz-15MHz | 256QAM-256QAM | 55916-56087 | 1RB#0-0RB#0    | 16.91 | 10.81 | 23 | PASS |

|             |               |             |                 |       |       |    |      |
|-------------|---------------|-------------|-----------------|-------|-------|----|------|
| 20MHz-15MHz | 256QAM-256QAM | 56491-56662 | 100RB#0-75RB#0  | 17.63 | 11.53 | 23 | PASS |
| 20MHz-15MHz | 256QAM-256QAM | 56491-56662 | 1RB#0-0RB#0     | 16.85 | 10.75 | 23 | PASS |
| 20MHz-20MHz | QPSK-QPSK     | 55340-55538 | 100RB#0-100RB#0 | 15.78 | 9.68  | 23 | PASS |
| 20MHz-20MHz | QPSK-QPSK     | 55340-55538 | 1RB#0-0RB#0     | 21.8  | 15.7  | 23 | PASS |
| 20MHz-20MHz | QPSK-QPSK     | 55891-56089 | 100RB#0-100RB#0 | 15.82 | 9.72  | 23 | PASS |
| 20MHz-20MHz | QPSK-QPSK     | 55891-56089 | 1RB#0-0RB#0     | 21.73 | 15.63 | 23 | PASS |
| 20MHz-20MHz | QPSK-QPSK     | 56442-56640 | 100RB#0-100RB#0 | 15.76 | 9.66  | 23 | PASS |
| 20MHz-20MHz | QPSK-QPSK     | 56442-56640 | 1RB#0-0RB#0     | 21.77 | 15.67 | 23 | PASS |
| 20MHz-20MHz | 16QAM-16QAM   | 55340-55538 | 100RB#0-100RB#0 | 19.59 | 13.49 | 23 | PASS |
| 20MHz-20MHz | 16QAM-16QAM   | 55340-55538 | 1RB#0-0RB#0     | 20.77 | 14.67 | 23 | PASS |
| 20MHz-20MHz | 16QAM-16QAM   | 55891-56089 | 100RB#0-100RB#0 | 19.63 | 13.53 | 23 | PASS |
| 20MHz-20MHz | 16QAM-16QAM   | 55891-56089 | 1RB#0-0RB#0     | 20.71 | 14.61 | 23 | PASS |
| 20MHz-20MHz | 16QAM-16QAM   | 56442-56640 | 100RB#0-100RB#0 | 19.59 | 13.49 | 23 | PASS |
| 20MHz-20MHz | 16QAM-16QAM   | 56442-56640 | 1RB#0-0RB#0     | 20.86 | 14.76 | 23 | PASS |
| 20MHz-20MHz | 64QAM-64QAM   | 55340-55538 | 100RB#0-100RB#0 | 19.66 | 13.56 | 23 | PASS |
| 20MHz-20MHz | 64QAM-64QAM   | 55340-55538 | 1RB#0-0RB#0     | 19.91 | 13.81 | 23 | PASS |

|             |               |             |                 |       |       |    |      |
|-------------|---------------|-------------|-----------------|-------|-------|----|------|
| 20MHz-20MHz | 64QAM-64QAM   | 55891-56089 | 100RB#0-100RB#0 | 19.66 | 13.56 | 23 | PASS |
| 20MHz-20MHz | 64QAM-64QAM   | 55891-56089 | 1RB#0-0RB#0     | 19.96 | 13.86 | 23 | PASS |
| 20MHz-20MHz | 64QAM-64QAM   | 56442-56640 | 100RB#0-100RB#0 | 19.63 | 13.53 | 23 | PASS |
| 20MHz-20MHz | 64QAM-64QAM   | 56442-56640 | 1RB#0-0RB#0     | 19.86 | 13.76 | 23 | PASS |
| 20MHz-20MHz | 256QAM-256QAM | 55340-55538 | 100RB#0-100RB#0 | 17.66 | 11.56 | 23 | PASS |
| 20MHz-20MHz | 256QAM-256QAM | 55340-55538 | 1RB#0-0RB#0     | 16.84 | 10.74 | 23 | PASS |
| 20MHz-20MHz | 256QAM-256QAM | 55891-56089 | 100RB#0-100RB#0 | 17.69 | 11.59 | 23 | PASS |
| 20MHz-20MHz | 256QAM-256QAM | 55891-56089 | 1RB#0-0RB#0     | 16.66 | 10.56 | 23 | PASS |
| 20MHz-20MHz | 256QAM-256QAM | 56442-56640 | 100RB#0-100RB#0 | 17.63 | 11.53 | 23 | PASS |
| 20MHz-20MHz | 256QAM-256QAM | 56442-56640 | 1RB#0-0RB#0     | 16.87 | 10.77 | 23 | PASS |
| 20MHz-5MHz  | QPSK-QPSK     | 55340-55457 | 100RB#0-25RB#0  | 16.01 | 9.91  | 23 | PASS |
| 20MHz-5MHz  | QPSK-QPSK     | 55340-55457 | 1RB#0-0RB#0     | 21.7  | 15.6  | 23 | PASS |
| 20MHz-5MHz  | QPSK-QPSK     | 55965-56082 | 100RB#0-25RB#0  | 16    | 9.9   | 23 | PASS |
| 20MHz-5MHz  | QPSK-QPSK     | 55965-56082 | 1RB#0-0RB#0     | 21.59 | 15.49 | 23 | PASS |
| 20MHz-5MHz  | QPSK-QPSK     | 56590-56707 | 100RB#0-25RB#0  | 15.99 | 9.89  | 23 | PASS |
| 20MHz-5MHz  | QPSK-QPSK     | 56590-56707 | 1RB#0-0RB#0     | 21.68 | 15.58 | 23 | PASS |

|            |               |             |                |       |       |    |      |
|------------|---------------|-------------|----------------|-------|-------|----|------|
| 20MHz-5MHz | 16QAM-16QAM   | 55340-55457 | 100RB#0-25RB#0 | 19.44 | 13.34 | 23 | PASS |
| 20MHz-5MHz | 16QAM-16QAM   | 55340-55457 | 1RB#0-0RB#0    | 20.73 | 14.63 | 23 | PASS |
| 20MHz-5MHz | 16QAM-16QAM   | 55965-56082 | 100RB#0-25RB#0 | 19.43 | 13.33 | 23 | PASS |
| 20MHz-5MHz | 16QAM-16QAM   | 55965-56082 | 1RB#0-0RB#0    | 20.63 | 14.53 | 23 | PASS |
| 20MHz-5MHz | 16QAM-16QAM   | 56590-56707 | 100RB#0-25RB#0 | 19.44 | 13.34 | 23 | PASS |
| 20MHz-5MHz | 16QAM-16QAM   | 56590-56707 | 1RB#0-0RB#0    | 20.63 | 14.53 | 23 | PASS |
| 20MHz-5MHz | 64QAM-64QAM   | 55340-55457 | 100RB#0-25RB#0 | 19.48 | 13.38 | 23 | PASS |
| 20MHz-5MHz | 64QAM-64QAM   | 55340-55457 | 1RB#0-0RB#0    | 19.77 | 13.67 | 23 | PASS |
| 20MHz-5MHz | 64QAM-64QAM   | 55965-56082 | 100RB#0-25RB#0 | 19.5  | 13.4  | 23 | PASS |
| 20MHz-5MHz | 64QAM-64QAM   | 55965-56082 | 1RB#0-0RB#0    | 19.78 | 13.68 | 23 | PASS |
| 20MHz-5MHz | 64QAM-64QAM   | 56590-56707 | 100RB#0-25RB#0 | 19.46 | 13.36 | 23 | PASS |
| 20MHz-5MHz | 64QAM-64QAM   | 56590-56707 | 1RB#0-0RB#0    | 19.77 | 13.67 | 23 | PASS |
| 20MHz-5MHz | 256QAM-256QAM | 55340-55457 | 100RB#0-25RB#0 | 17.48 | 11.38 | 23 | PASS |
| 20MHz-5MHz | 256QAM-256QAM | 55340-55457 | 1RB#0-0RB#0    | 16.74 | 10.64 | 23 | PASS |
| 20MHz-5MHz | 256QAM-256QAM | 55965-56082 | 100RB#0-25RB#0 | 17.48 | 11.38 | 23 | PASS |
| 20MHz-5MHz | 256QAM-256QAM | 55965-56082 | 1RB#0-0RB#0    | 16.67 | 10.57 | 23 | PASS |

|            |               |             |                |       |       |    |      |
|------------|---------------|-------------|----------------|-------|-------|----|------|
| 20MHz-5MHz | 256QAM-256QAM | 56590-56707 | 100RB#0-25RB#0 | 17.45 | 11.35 | 23 | PASS |
| 20MHz-5MHz | 256QAM-256QAM | 56590-56707 | 1RB#0-0RB#0    | 16.77 | 10.67 | 23 | PASS |
| 5MHz-20MHz | QPSK-QPSK     | 55273-55390 | 1RB#0-0RB#0    | 21.59 | 15.49 | 23 | PASS |
| 5MHz-20MHz | QPSK-QPSK     | 55273-55390 | 25RB#0-100RB#0 | 15.99 | 9.89  | 23 | PASS |
| 5MHz-20MHz | QPSK-QPSK     | 55898-56015 | 1RB#0-0RB#0    | 21.72 | 15.62 | 23 | PASS |
| 5MHz-20MHz | QPSK-QPSK     | 55898-56015 | 25RB#0-100RB#0 | 16.08 | 9.98  | 23 | PASS |
| 5MHz-20MHz | QPSK-QPSK     | 56523-56640 | 1RB#0-0RB#0    | 21.73 | 15.63 | 23 | PASS |
| 5MHz-20MHz | QPSK-QPSK     | 56523-56640 | 25RB#0-100RB#0 | 16.01 | 9.91  | 23 | PASS |
| 5MHz-20MHz | 16QAM-16QAM   | 55273-55390 | 1RB#0-0RB#0    | 20.74 | 14.64 | 23 | PASS |
| 5MHz-20MHz | 16QAM-16QAM   | 55273-55390 | 25RB#0-100RB#0 | 19.46 | 13.36 | 23 | PASS |
| 5MHz-20MHz | 16QAM-16QAM   | 55898-56015 | 1RB#0-0RB#0    | 20.83 | 14.73 | 23 | PASS |
| 5MHz-20MHz | 16QAM-16QAM   | 55898-56015 | 25RB#0-100RB#0 | 19.53 | 13.43 | 23 | PASS |
| 5MHz-20MHz | 16QAM-16QAM   | 56523-56640 | 1RB#0-0RB#0    | 20.81 | 14.71 | 23 | PASS |
| 5MHz-20MHz | 16QAM-16QAM   | 56523-56640 | 25RB#0-100RB#0 | 19.46 | 13.36 | 23 | PASS |
| 5MHz-20MHz | 64QAM-64QAM   | 55273-55390 | 1RB#0-0RB#0    | 19.74 | 13.64 | 23 | PASS |
| 5MHz-20MHz | 64QAM-64QAM   | 55273-55390 | 25RB#0-100RB#0 | 19.47 | 13.37 | 23 | PASS |

|            |               |             |                |       |       |    |      |
|------------|---------------|-------------|----------------|-------|-------|----|------|
| 5MHz-20MHz | 64QAM-64QAM   | 55898-56015 | 1RB#0-0RB#0    | 19.83 | 13.73 | 23 | PASS |
| 5MHz-20MHz | 64QAM-64QAM   | 55898-56015 | 25RB#0-100RB#0 | 19.55 | 13.45 | 23 | PASS |
| 5MHz-20MHz | 64QAM-64QAM   | 56523-56640 | 1RB#0-0RB#0    | 19.92 | 13.82 | 23 | PASS |
| 5MHz-20MHz | 64QAM-64QAM   | 56523-56640 | 25RB#0-100RB#0 | 19.5  | 13.4  | 23 | PASS |
| 5MHz-20MHz | 256QAM-256QAM | 55273-55390 | 1RB#0-0RB#0    | 16.71 | 10.61 | 23 | PASS |
| 5MHz-20MHz | 256QAM-256QAM | 55273-55390 | 25RB#0-100RB#0 | 17.47 | 11.37 | 23 | PASS |
| 5MHz-20MHz | 256QAM-256QAM | 55898-56015 | 1RB#0-0RB#0    | 16.71 | 10.61 | 23 | PASS |
| 5MHz-20MHz | 256QAM-256QAM | 55898-56015 | 25RB#0-100RB#0 | 17.53 | 11.43 | 23 | PASS |
| 5MHz-20MHz | 256QAM-256QAM | 56523-56640 | 1RB#0-0RB#0    | 16.75 | 10.65 | 23 | PASS |
| 5MHz-20MHz | 256QAM-256QAM | 56523-56640 | 25RB#0-100RB#0 | 17.47 | 11.37 | 23 | PASS |

Test Result (PSD)

| Band  | Bandwidth   | Modulation | Channel     | RB Configuration | Result<br>(dBm/10MHz) | EIRP<br>(dBm/10MHz) | LIMIT<br>(dBm/10MHz) | Verdict |
|-------|-------------|------------|-------------|------------------|-----------------------|---------------------|----------------------|---------|
| 48-48 | 10MHz-20MHz | QPSK-QPSK  | 55295-55439 | 0RB#0-1RB#99     | 22.61                 | 16.51               | 23                   | PASS    |
| 48-48 | 10MHz-20MHz | QPSK-QPSK  | 55295-55439 | 1RB#0-0RB#0      | 22.17                 | 16.07               | 23                   | PASS    |
| 48-48 | 10MHz-20MHz | QPSK-QPSK  | 55295-55439 | 50RB#0-100RB#0   | 14.18                 | 8.08                | 23                   | PASS    |
| 48-48 | 10MHz-20MHz | QPSK-QPSK  | 55896-56040 | 0RB#0-1RB#99     | 22.69                 | 16.59               | 23                   | PASS    |

|       |             |           |             |                |       |       |    |      |
|-------|-------------|-----------|-------------|----------------|-------|-------|----|------|
| 48-48 | 10MHz-20MHz | QPSK-QPSK | 55896-56040 | 1RB#0-0RB#0    | 22.2  | 16.1  | 23 | PASS |
| 48-48 | 10MHz-20MHz | QPSK-QPSK | 55896-56040 | 50RB#0-100RB#0 | 14.19 | 8.09  | 23 | PASS |
| 48-48 | 10MHz-20MHz | QPSK-QPSK | 56496-56640 | 0RB#0-1RB#99   | 22.31 | 16.21 | 23 | PASS |
| 48-48 | 10MHz-20MHz | QPSK-QPSK | 56496-56640 | 1RB#0-0RB#0    | 22.15 | 16.05 | 23 | PASS |
| 48-48 | 10MHz-20MHz | QPSK-QPSK | 56496-56640 | 50RB#0-100RB#0 | 14.05 | 7.95  | 23 | PASS |
| 48-48 | 15MHz-20MHz | QPSK-QPSK | 55318-55489 | 0RB#0-1RB#99   | 22.67 | 16.57 | 23 | PASS |
| 48-48 | 15MHz-20MHz | QPSK-QPSK | 55318-55489 | 1RB#0-0RB#0    | 22.49 | 16.39 | 23 | PASS |
| 48-48 | 15MHz-20MHz | QPSK-QPSK | 55318-55489 | 75RB#0-100RB#0 | 13.18 | 7.08  | 23 | PASS |
| 48-48 | 15MHz-20MHz | QPSK-QPSK | 55893-56064 | 0RB#0-1RB#99   | 22.09 | 15.99 | 23 | PASS |
| 48-48 | 15MHz-20MHz | QPSK-QPSK | 55893-56064 | 1RB#0-0RB#0    | 22.73 | 16.63 | 23 | PASS |
| 48-48 | 15MHz-20MHz | QPSK-QPSK | 55893-56064 | 75RB#0-100RB#0 | 12.64 | 6.54  | 23 | PASS |
| 48-48 | 15MHz-20MHz | QPSK-QPSK | 56469-56640 | 0RB#0-1RB#99   | 22.76 | 16.66 | 23 | PASS |
| 48-48 | 15MHz-20MHz | QPSK-QPSK | 56469-56640 | 1RB#0-0RB#0    | 22.33 | 16.23 | 23 | PASS |
| 48-48 | 15MHz-20MHz | QPSK-QPSK | 56469-56640 | 75RB#0-100RB#0 | 12.89 | 6.79  | 23 | PASS |
| 48-48 | 20MHz-10MHz | QPSK-QPSK | 55340-55484 | 0RB#0-1RB#49   | 22.45 | 16.35 | 23 | PASS |
| 48-48 | 20MHz-10MHz | QPSK-QPSK | 55340-55484 | 100RB#0-50RB#0 | 12.75 | 6.65  | 23 | PASS |
| 48-48 | 20MHz-10MHz | QPSK-QPSK | 55340-55484 | 1RB#0-0RB#0    | 22.18 | 16.08 | 23 | PASS |
| 48-48 | 20MHz-10MHz | QPSK-QPSK | 55941-56085 | 0RB#0-1RB#49   | 22.34 | 16.24 | 23 | PASS |
| 48-48 | 20MHz-10MHz | QPSK-QPSK | 55941-56085 | 100RB#0-50RB#0 | 12.68 | 6.58  | 23 | PASS |
| 48-48 | 20MHz-10MHz | QPSK-QPSK | 55941-56085 | 1RB#0-0RB#0    | 22.3  | 16.2  | 23 | PASS |

|       |             |           |             |                 |       |       |    |      |
|-------|-------------|-----------|-------------|-----------------|-------|-------|----|------|
| 48-48 | 20MHz-10MHz | QPSK-QPSK | 56541-56685 | 0RB#0-1RB#49    | 22.44 | 16.34 | 23 | PASS |
| 48-48 | 20MHz-10MHz | QPSK-QPSK | 56541-56685 | 100RB#0-50RB#0  | 12.1  | 6     | 23 | PASS |
| 48-48 | 20MHz-10MHz | QPSK-QPSK | 56541-56685 | 1RB#0-0RB#0     | 22.67 | 16.57 | 23 | PASS |
| 48-48 | 20MHz-15MHz | QPSK-QPSK | 55340-55511 | 0RB#0-1RB#74    | 22.22 | 16.12 | 23 | PASS |
| 48-48 | 20MHz-15MHz | QPSK-QPSK | 55340-55511 | 100RB#0-75RB#0  | 11.95 | 5.85  | 23 | PASS |
| 48-48 | 20MHz-15MHz | QPSK-QPSK | 55340-55511 | 1RB#0-0RB#0     | 22.17 | 16.07 | 23 | PASS |
| 48-48 | 20MHz-15MHz | QPSK-QPSK | 55916-56087 | 0RB#0-1RB#74    | 22.58 | 16.48 | 23 | PASS |
| 48-48 | 20MHz-15MHz | QPSK-QPSK | 55916-56087 | 100RB#0-75RB#0  | 12.1  | 6     | 23 | PASS |
| 48-48 | 20MHz-15MHz | QPSK-QPSK | 55916-56087 | 1RB#0-0RB#0     | 22.44 | 16.34 | 23 | PASS |
| 48-48 | 20MHz-15MHz | QPSK-QPSK | 56491-56662 | 0RB#0-1RB#74    | 22.43 | 16.33 | 23 | PASS |
| 48-48 | 20MHz-15MHz | QPSK-QPSK | 56491-56662 | 100RB#0-75RB#0  | 12.46 | 6.36  | 23 | PASS |
| 48-48 | 20MHz-15MHz | QPSK-QPSK | 56491-56662 | 1RB#0-0RB#0     | 22.6  | 16.5  | 23 | PASS |
| 48-48 | 20MHz-20MHz | QPSK-QPSK | 55340-55538 | 0RB#0-1RB#99    | 22.44 | 16.34 | 23 | PASS |
| 48-48 | 20MHz-20MHz | QPSK-QPSK | 55340-55538 | 100RB#0-100RB#0 | 11.54 | 5.44  | 23 | PASS |
| 48-48 | 20MHz-20MHz | QPSK-QPSK | 55340-55538 | 1RB#0-0RB#0     | 22.58 | 16.48 | 23 | PASS |
| 48-48 | 20MHz-20MHz | QPSK-QPSK | 55891-56089 | 0RB#0-1RB#99    | 21.69 | 15.59 | 23 | PASS |
| 48-48 | 20MHz-20MHz | QPSK-QPSK | 55891-56089 | 100RB#0-100RB#0 | 11.87 | 5.77  | 23 | PASS |
| 48-48 | 20MHz-20MHz | QPSK-QPSK | 55891-56089 | 1RB#0-0RB#0     | 22.24 | 16.14 | 23 | PASS |
| 48-48 | 20MHz-20MHz | QPSK-QPSK | 56442-56640 | 0RB#0-1RB#99    | 22.13 | 16.03 | 23 | PASS |
| 48-48 | 20MHz-20MHz | QPSK-QPSK | 56442-56640 | 100RB#0-100RB#0 | 11.8  | 5.7   | 23 | PASS |

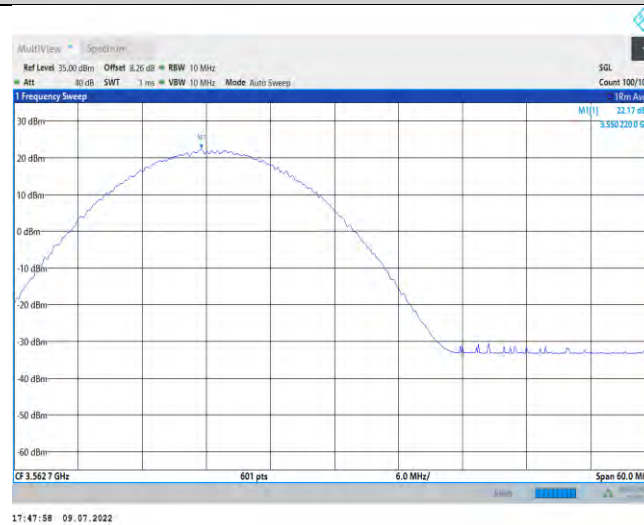
|       |             |           |             |                |       |       |    |      |
|-------|-------------|-----------|-------------|----------------|-------|-------|----|------|
| 48-48 | 20MHz-20MHz | QPSK-QPSK | 56442-56640 | 1RB#0-0RB#0    | 22.66 | 16.56 | 23 | PASS |
| 48-48 | 20MHz-5MHz  | QPSK-QPSK | 55340-55457 | 0RB#0-1RB#24   | 22.58 | 16.48 | 23 | PASS |
| 48-48 | 20MHz-5MHz  | QPSK-QPSK | 55340-55457 | 100RB#0-25RB#0 | 12.79 | 6.69  | 23 | PASS |
| 48-48 | 20MHz-5MHz  | QPSK-QPSK | 55340-55457 | 1RB#0-0RB#0    | 22.22 | 16.12 | 23 | PASS |
| 48-48 | 20MHz-5MHz  | QPSK-QPSK | 55965-56082 | 0RB#0-1RB#24   | 22.13 | 16.03 | 23 | PASS |
| 48-48 | 20MHz-5MHz  | QPSK-QPSK | 55965-56082 | 100RB#0-25RB#0 | 12.91 | 6.81  | 23 | PASS |
| 48-48 | 20MHz-5MHz  | QPSK-QPSK | 55965-56082 | 1RB#0-0RB#0    | 22.23 | 16.13 | 23 | PASS |
| 48-48 | 20MHz-5MHz  | QPSK-QPSK | 56590-56707 | 0RB#0-1RB#24   | 22.13 | 16.03 | 23 | PASS |
| 48-48 | 20MHz-5MHz  | QPSK-QPSK | 56590-56707 | 100RB#0-25RB#0 | 12.7  | 6.6   | 23 | PASS |
| 48-48 | 20MHz-5MHz  | QPSK-QPSK | 56590-56707 | 1RB#0-0RB#0    | 22.4  | 16.3  | 23 | PASS |
| 48-48 | 5MHz-20MHz  | QPSK-QPSK | 55273-55390 | 0RB#0-1RB#99   | 22.28 | 16.18 | 23 | PASS |
| 48-48 | 5MHz-20MHz  | QPSK-QPSK | 55273-55390 | 1RB#0-0RB#0    | 22.41 | 16.31 | 23 | PASS |
| 48-48 | 5MHz-20MHz  | QPSK-QPSK | 55273-55390 | 25RB#0-100RB#0 | 14.84 | 8.74  | 23 | PASS |
| 48-48 | 5MHz-20MHz  | QPSK-QPSK | 55898-56015 | 0RB#0-1RB#99   | 22.44 | 16.34 | 23 | PASS |
| 48-48 | 5MHz-20MHz  | QPSK-QPSK | 55898-56015 | 1RB#0-0RB#0    | 22.21 | 16.11 | 23 | PASS |
| 48-48 | 5MHz-20MHz  | QPSK-QPSK | 55898-56015 | 25RB#0-100RB#0 | 14.99 | 8.89  | 23 | PASS |
| 48-48 | 5MHz-20MHz  | QPSK-QPSK | 56523-56640 | 0RB#0-1RB#99   | 22.72 | 16.62 | 23 | PASS |
| 48-48 | 5MHz-20MHz  | QPSK-QPSK | 56523-56640 | 1RB#0-0RB#0    | 22.15 | 16.05 | 23 | PASS |
| 48-48 | 5MHz-20MHz  | QPSK-QPSK | 56523-56640 | 25RB#0-100RB#0 | 14.77 | 8.67  | 23 | PASS |

## Test Graphs

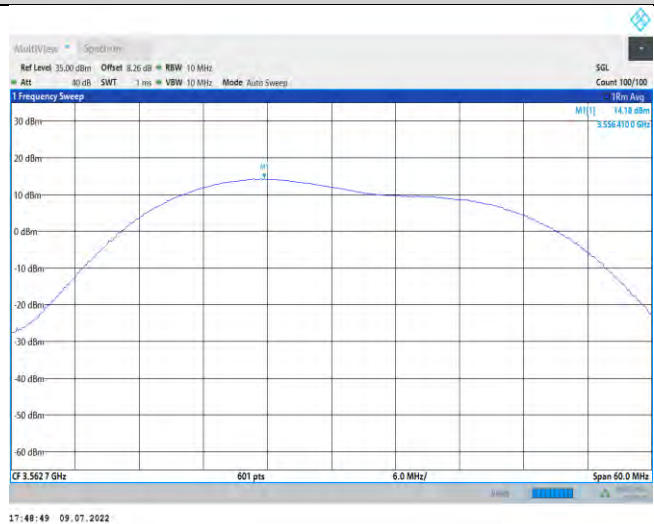
48-48-10MHz-20MHz-QPSK-QPSK-55295-55439-0RB#0-1RB#99



48-48-10MHz-20MHz-QPSK-QPSK-55295-55439-1RB#0-0RB#0



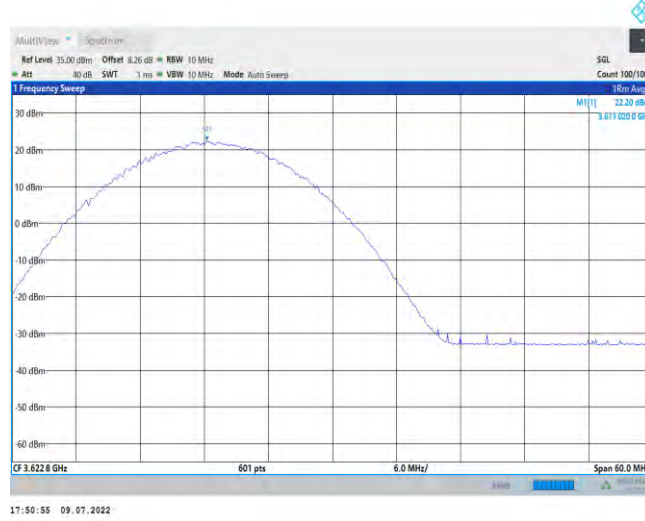
48-48-10MHz-20MHz-QPSK-QPSK-55295-55439-50RB#0-100RB#0



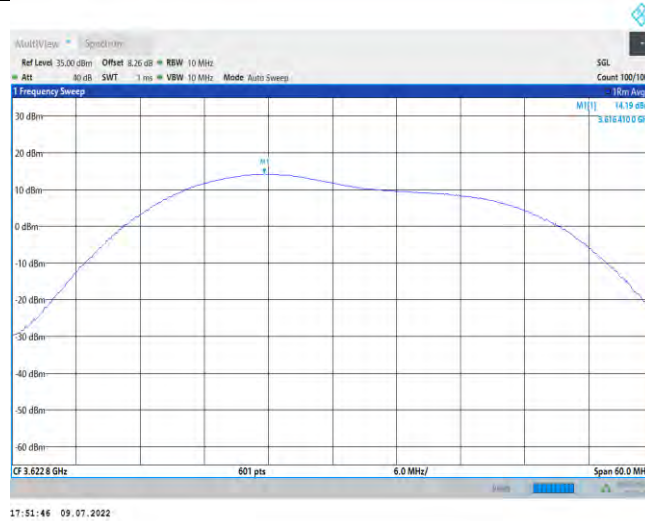
48-48-10MHz-20MHz-QPSK-QPSK-55896-56040-0RB#0-1RB#99



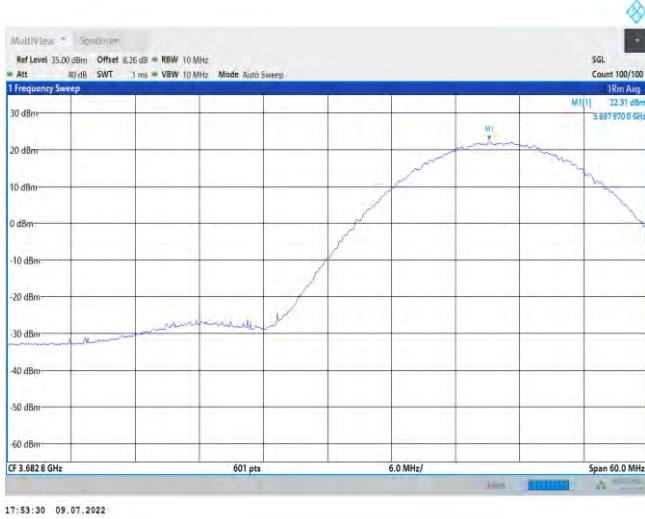
## 48-48-10MHz-20MHz-QPSK-QPSK-55896-56040-1RB#0-0RB#0



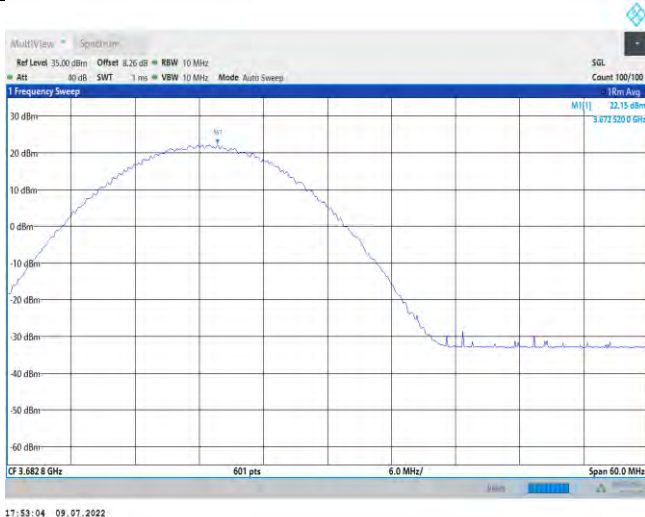
## 48-48-10MHz-20MHz-QPSK-QPSK-55896-56040-50RB#0-100RB#0



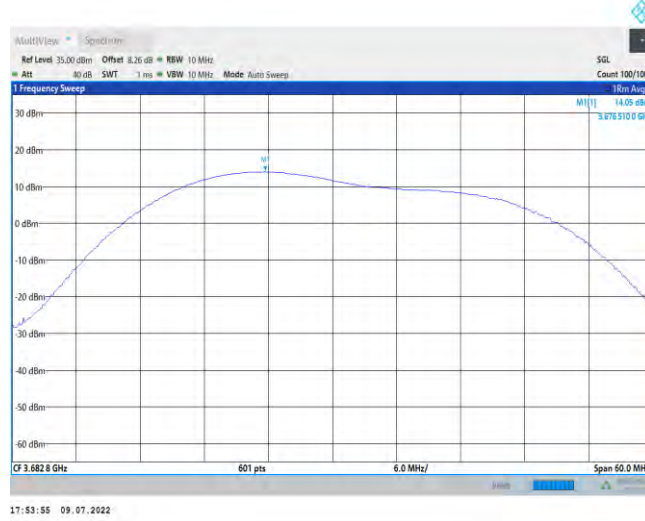
48-48-10MHz-20MHz-QPSK-QPSK-56496-56640-0RB#0-1RB#99



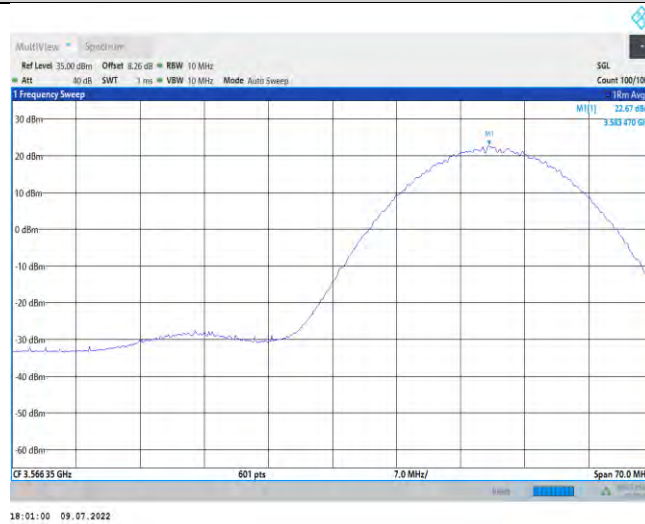
48-48-10MHz-20MHz-QPSK-QPSK-56496-56640-1RB#0-0RB#0



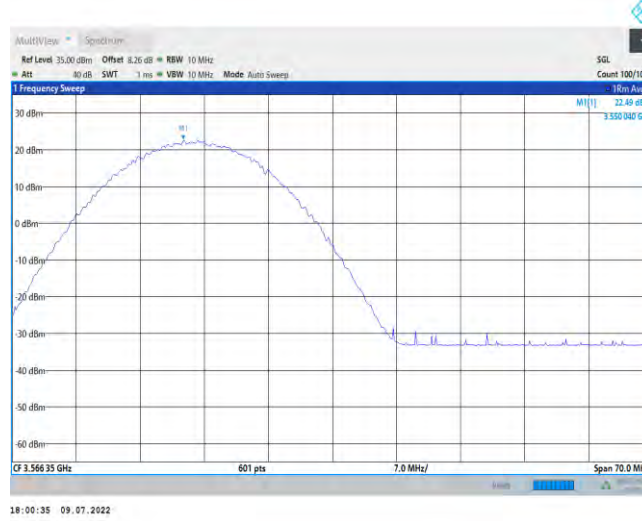
# 48-48-10MHz-20MHz-QPSK-QPSK-56496-56640-50RB#0-100RB#0



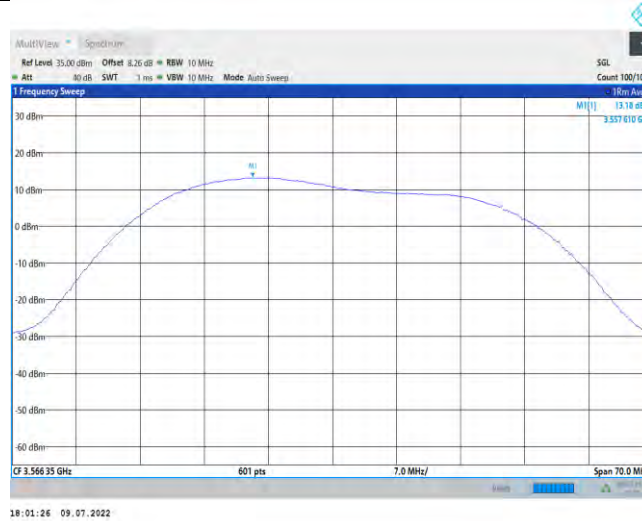
# 48-48-15MHz-20MHz-QPSK-QPSK-55318-55489-0RB#0-1RB#99



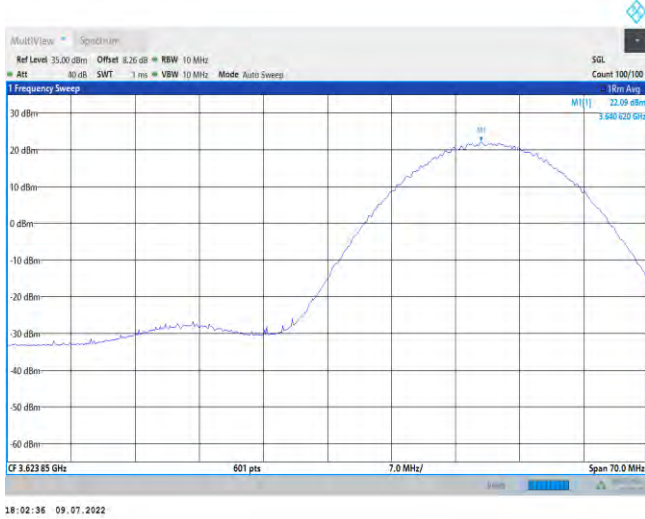
# 48-48-15MHz-20MHz-QPSK-QPSK-55318-55489-1RB#0-0RB#0



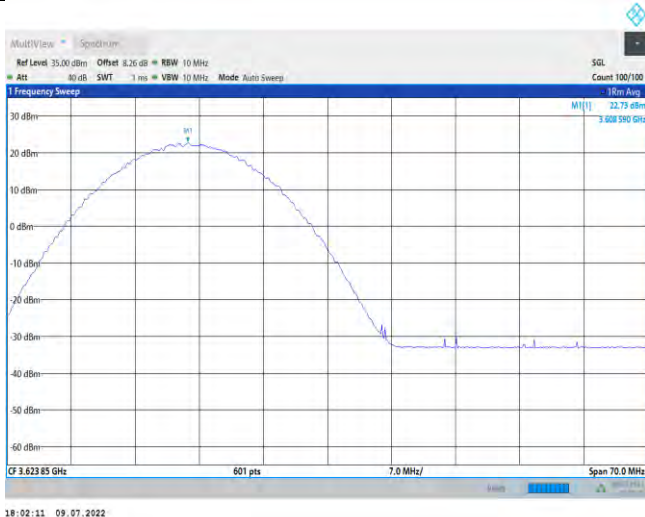
# 48-48-15MHz-20MHz-QPSK-QPSK-55318-55489-75RB#0-100RB#0



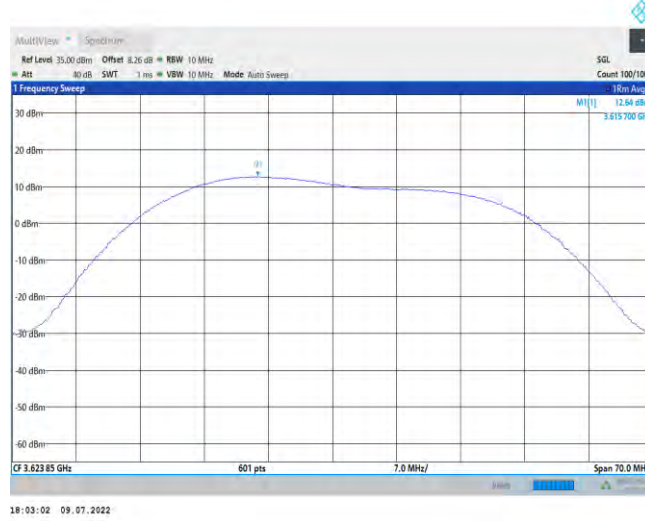
48-48-15MHz-20MHz-QPSK-QPSK-55893-56064-0RB#0-1RB#99



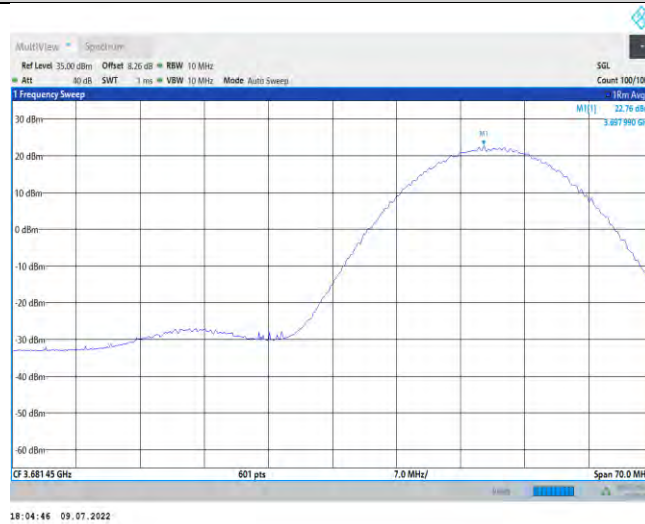
48-48-15MHz-20MHz-QPSK-QPSK-55893-56064-1RB#0-0RB#0



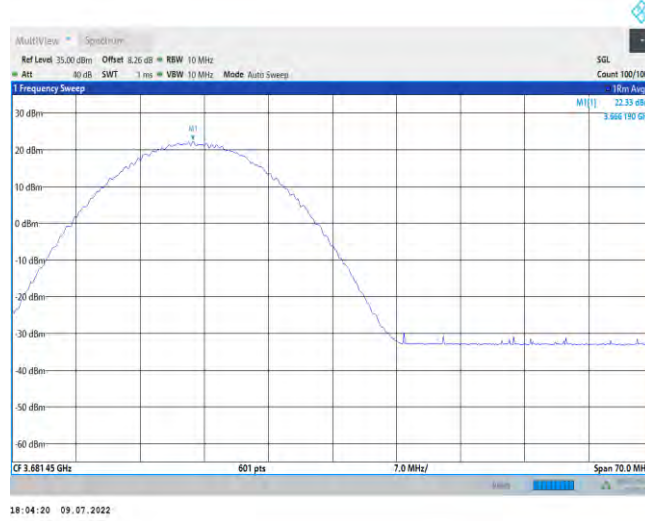
# 48-48-15MHz-20MHz-QPSK-QPSK-55893-56064-75RB#0-100RB#0



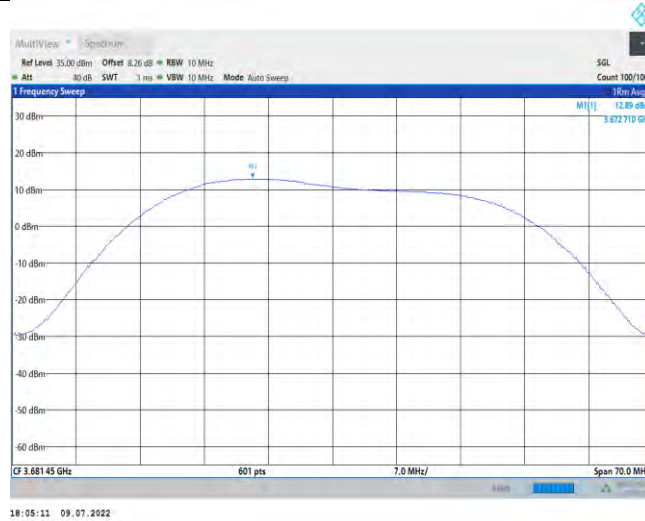
# 48-48-15MHz-20MHz-QPSK-QPSK-56469-56640-0RB#0-1RB#99



# 48-48-15MHz-20MHz-QPSK-QPSK-56469-56640-1RB#0-0RB#0



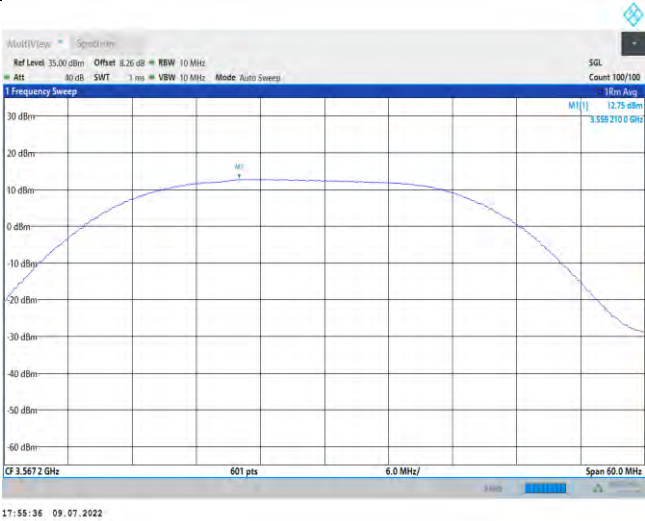
# 48-48-15MHz-20MHz-QPSK-QPSK-56469-56640-75RB#0-100RB#0



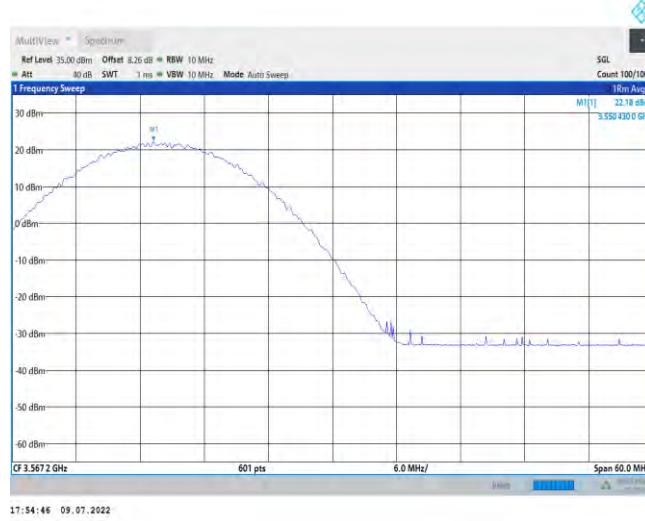
48-48-20MHz-10MHz-QPSK-QPSK-55340-55484-0RB#0-1RB#49



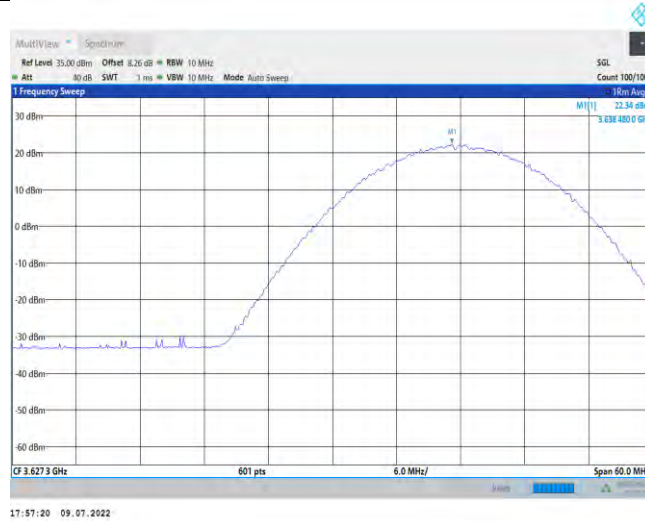
48-48-20MHz-10MHz-QPSK-QPSK-55340-55484-100RB#0-50RB#0



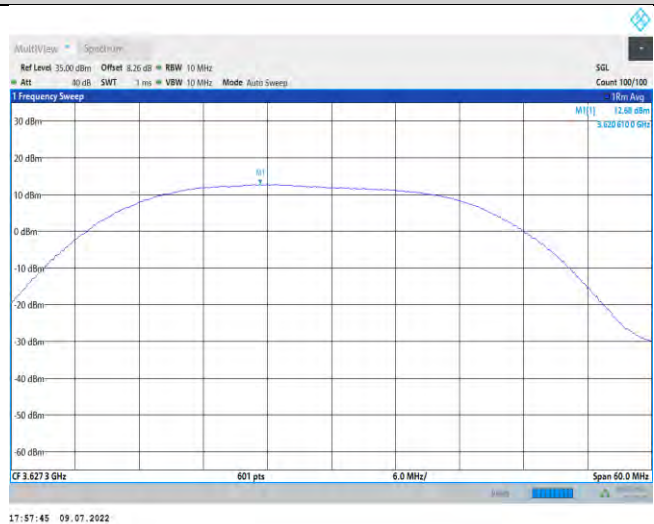
## 48-48-20MHz-10MHz-QPSK-QPSK-55340-55484-1RB#0-0RB#0



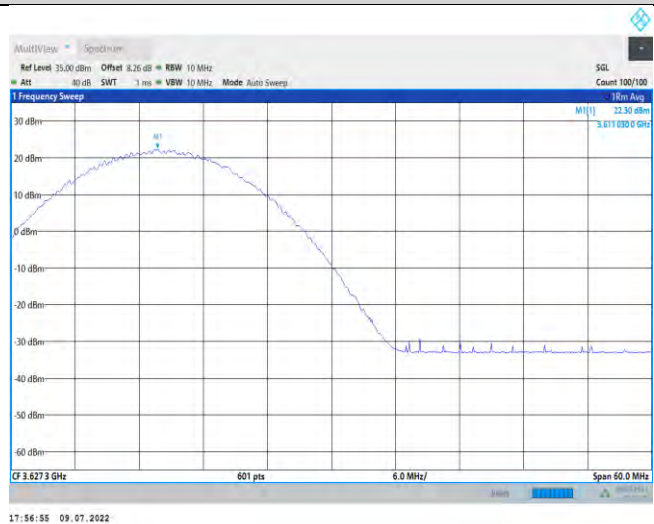
## 48-48-20MHz-10MHz-QPSK-QPSK-55941-56085-0RB#0-1RB#49



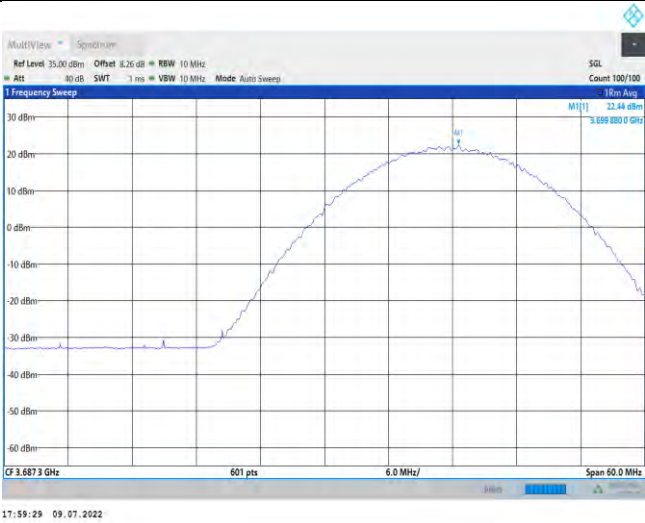
48-48-20MHz-10MHz-QPSK-QPSK-55941-56085-100RB#0-50RB#0



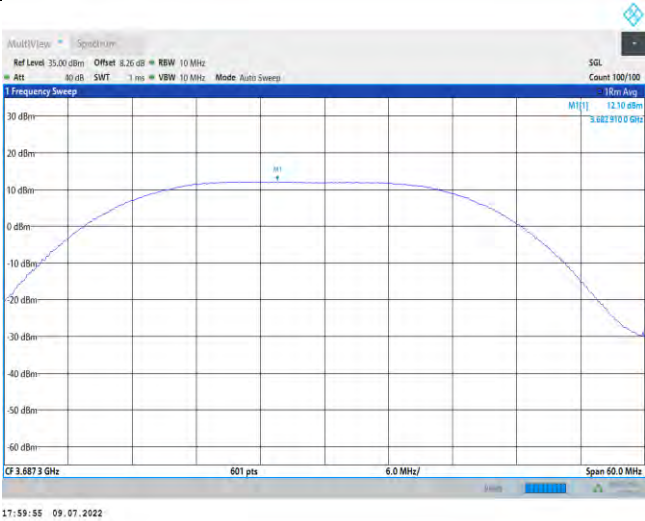
48-48-20MHz-10MHz-QPSK-QPSK-55941-56085-1RB#0-0RB#0



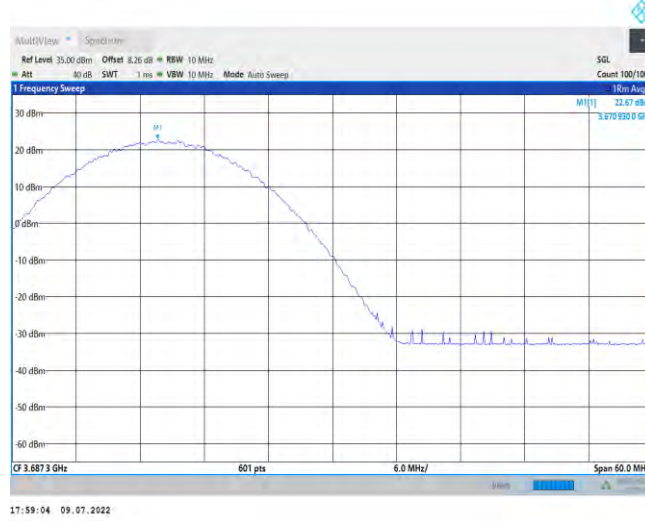
48-48-20MHz-10MHz-QPSK-QPSK-56541-56685-0RB#0-1RB#49



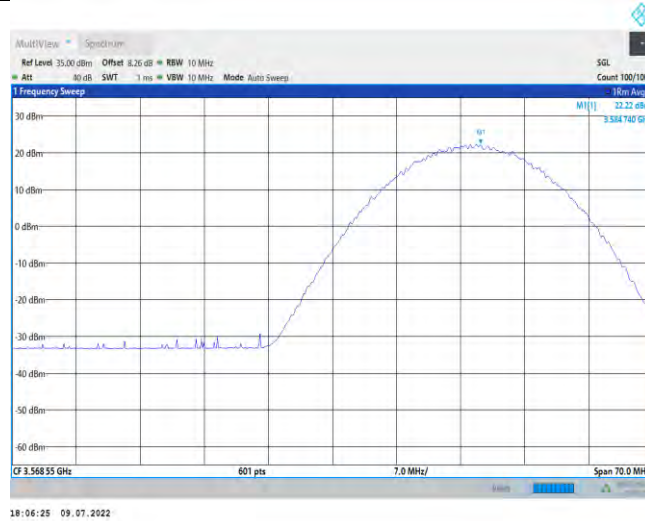
48-48-20MHz-10MHz-QPSK-QPSK-56541-56685-100RB#0-50RB#0



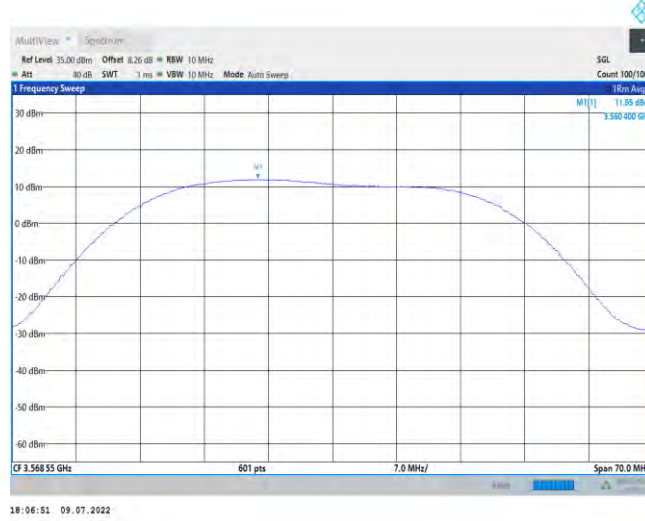
## 48-48-20MHz-10MHz-QPSK-QPSK-56541-56685-1RB#0-0RB#0



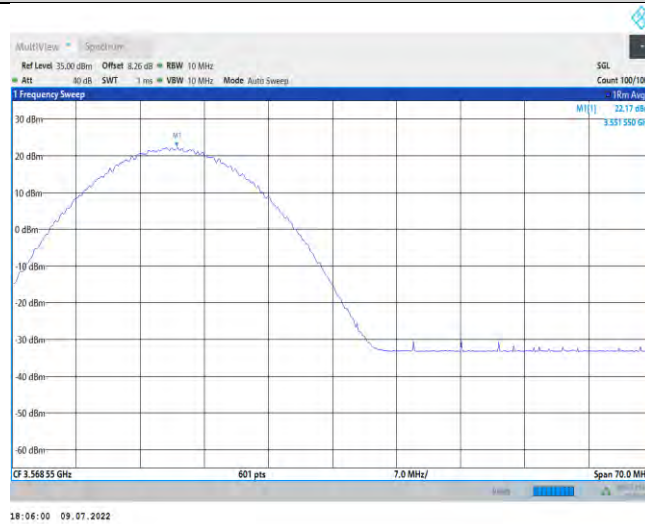
## 48-48-20MHz-15MHz-QPSK-QPSK-55340-55511-0RB#0-1RB#74



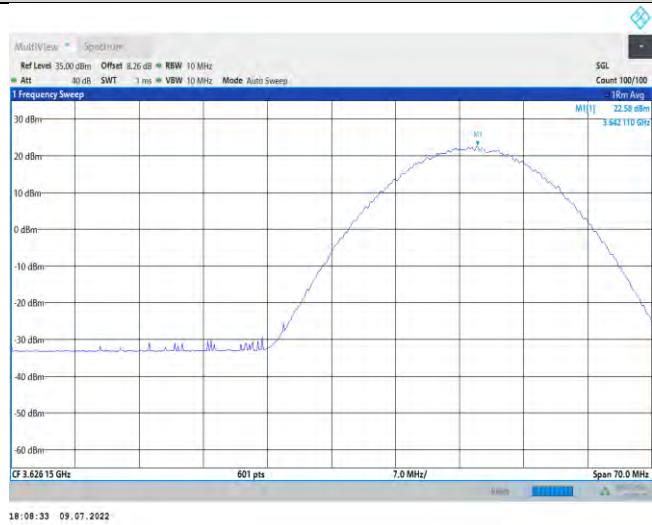
# 48-48-20MHz-15MHz-QPSK-QPSK-55340-55511-100RB#0-75RB#0



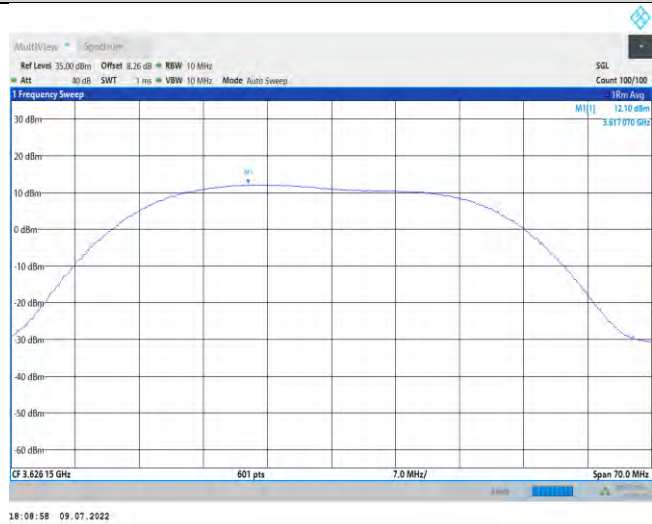
# 48-48-20MHz-15MHz-QPSK-QPSK-55340-55511-1RB#0-0RB#0



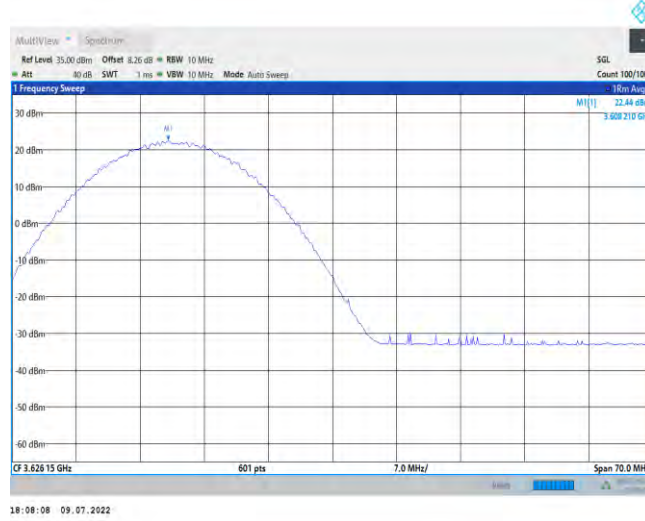
48-48-20MHz-15MHz-QPSK-QPSK-55916-56087-0RB#0-1RB#74



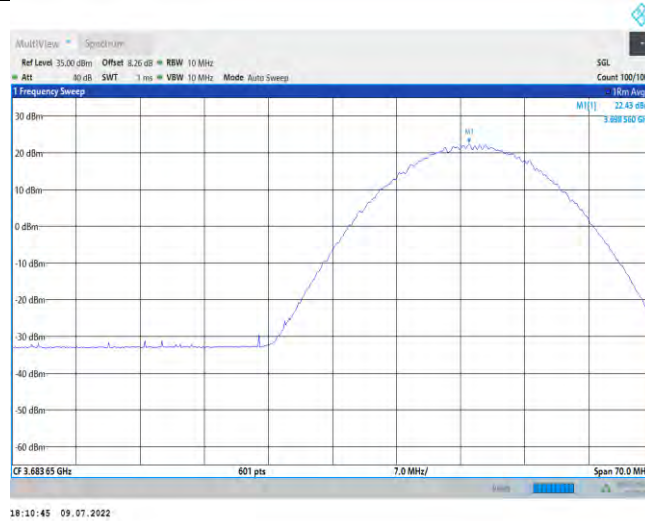
48-48-20MHz-15MHz-QPSK-QPSK-55916-56087-100RB#0-75RB#0



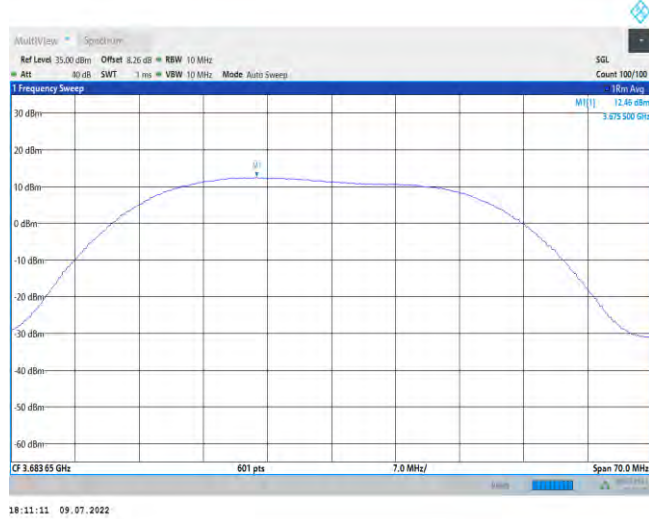
# 48-48-20MHz-15MHz-QPSK-QPSK-55916-56087-1RB#0-0RB#0



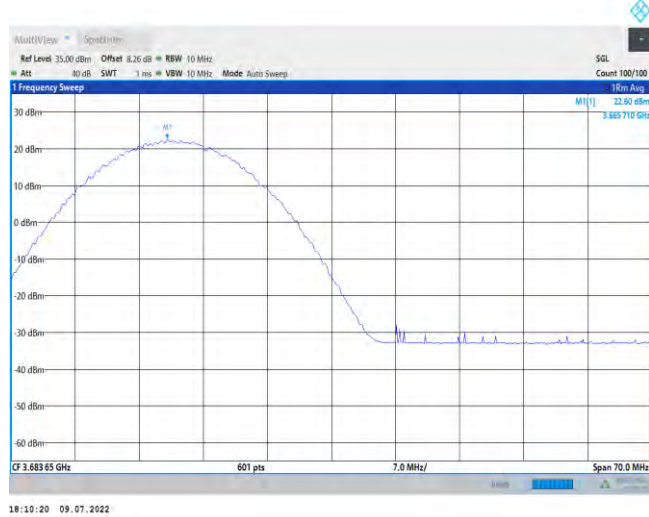
# 48-48-20MHz-15MHz-QPSK-QPSK-56491-56662-0RB#0-1RB#74



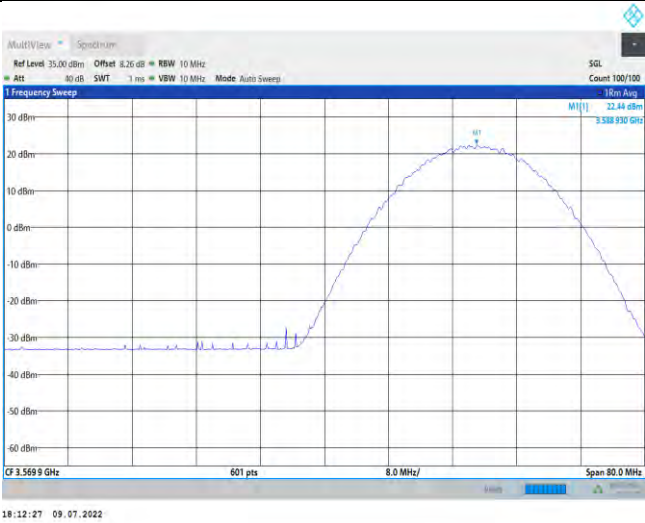
48-48-20MHz-15MHz-QPSK-QPSK-56491-56662-100RB#0-75RB#0



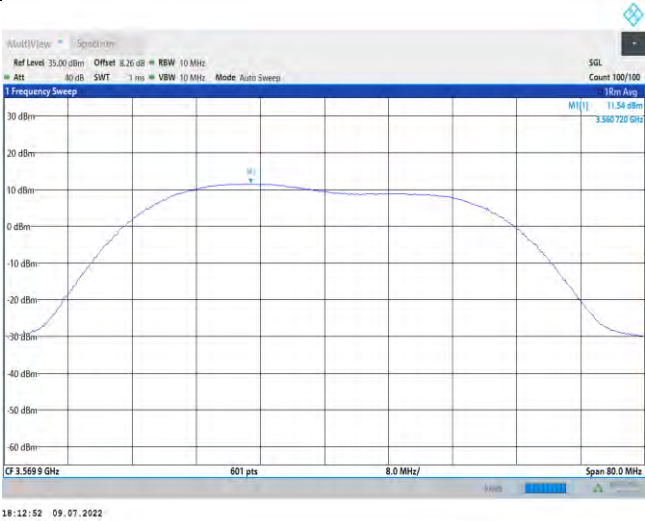
48-48-20MHz-15MHz-QPSK-QPSK-56491-56662-1RB#0-0RB#0



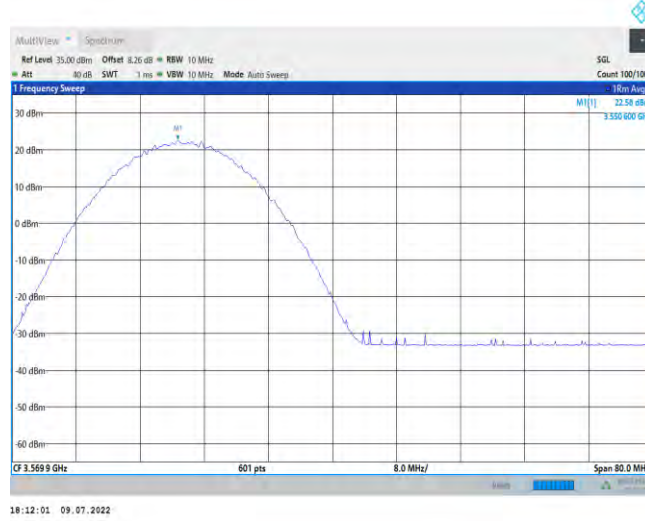
48-48-20MHz-20MHz-QPSK-QPSK-55340-55538-0RB#0-1RB#99



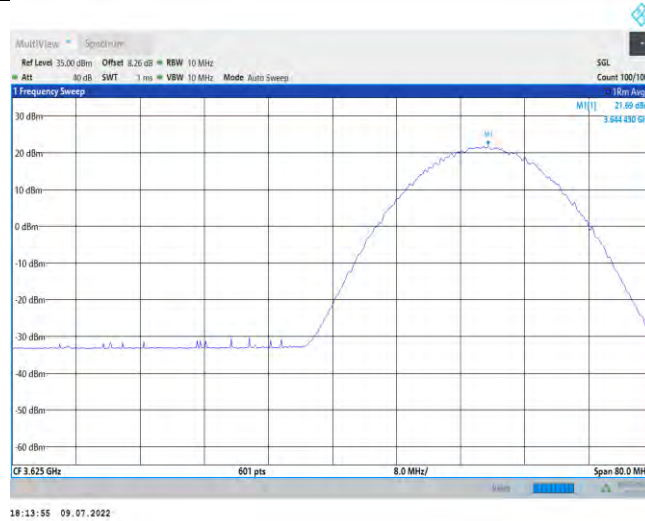
48-48-20MHz-20MHz-QPSK-QPSK-55340-55538-100RB#0-100RB#0



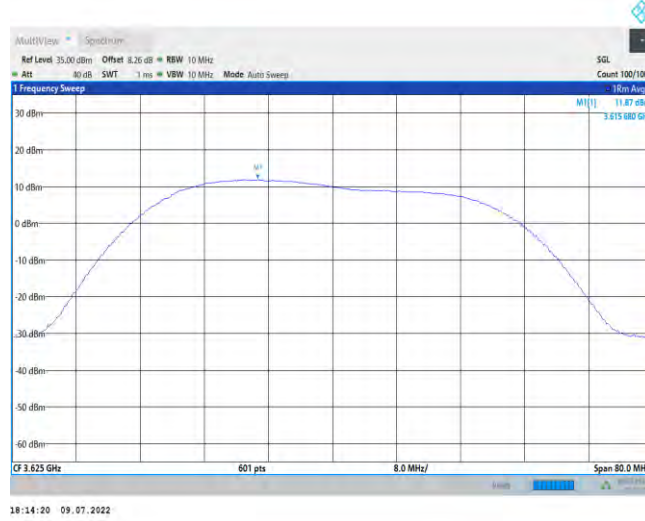
## 48-48-20MHz-20MHz-QPSK-QPSK-55340-55538-1RB#0-0RB#0



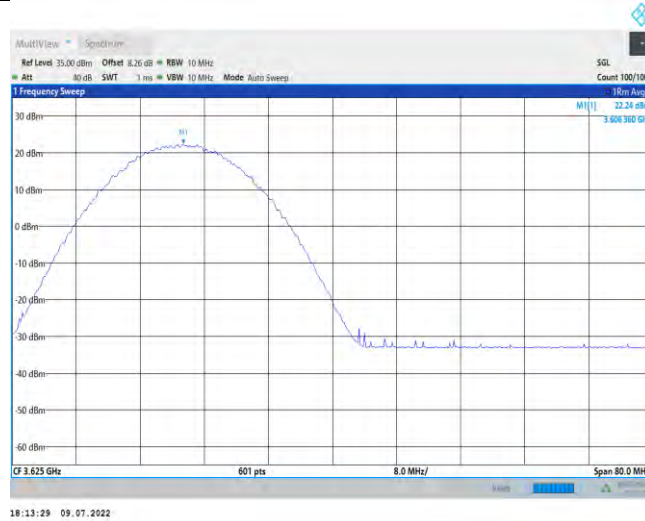
## 48-48-20MHz-20MHz-QPSK-QPSK-55891-56089-0RB#0-1RB#99



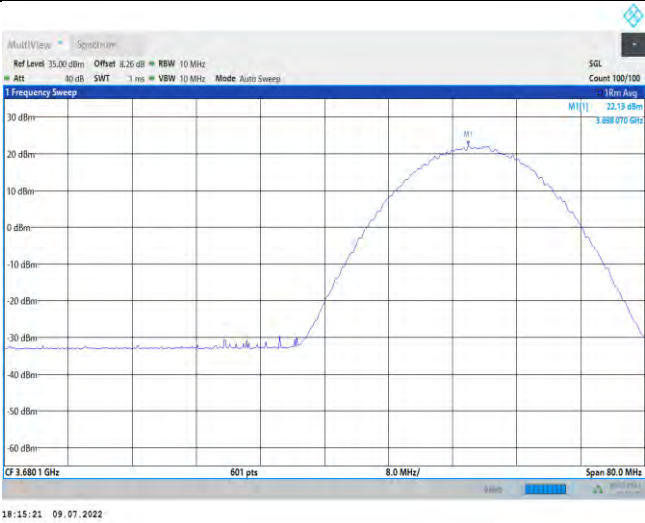
## 48-48-20MHz-20MHz-QPSK-QPSK-55891-56089-100RB#0-100RB#0



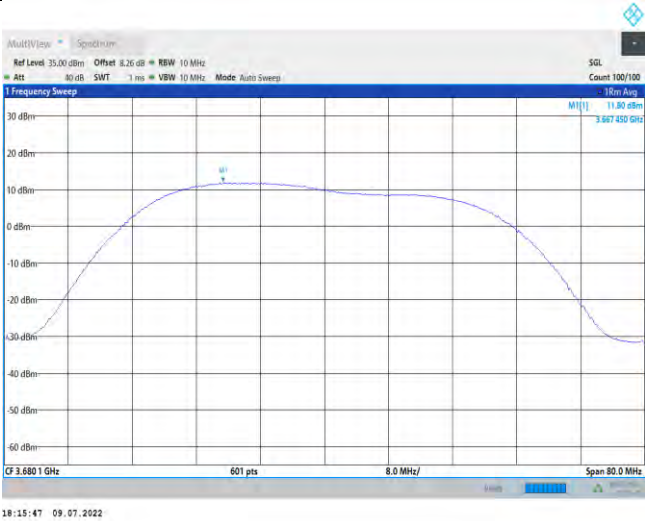
## 48-48-20MHz-20MHz-QPSK-QPSK-55891-56089-1RB#0-0RB#0



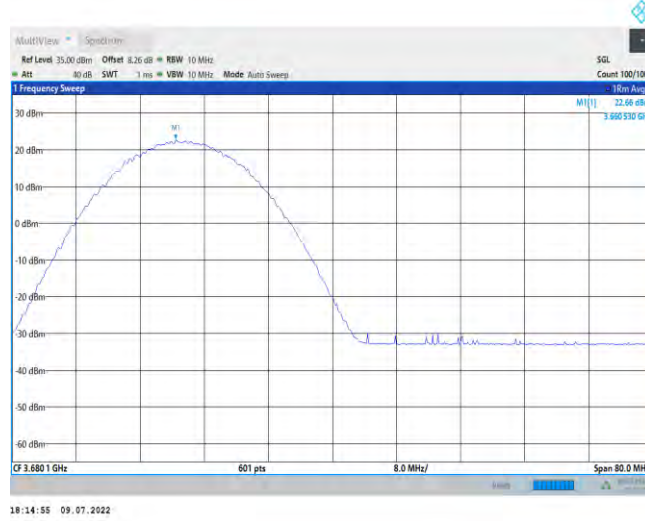
48-48-20MHz-20MHz-QPSK-QPSK-56442-56640-0RB#0-1RB#99



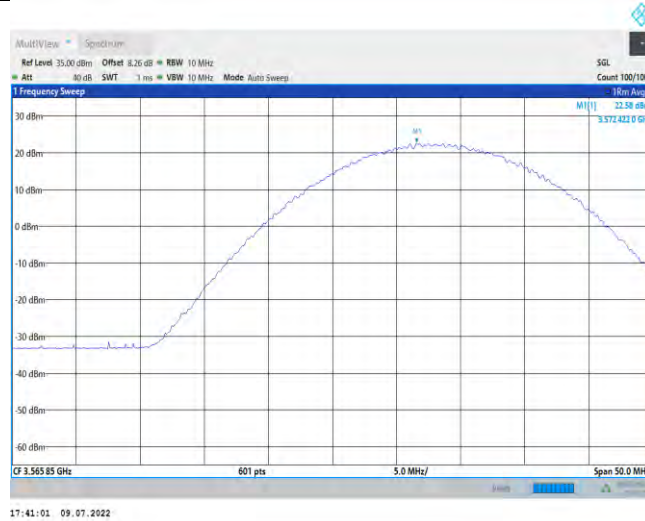
48-48-20MHz-20MHz-QPSK-QPSK-56442-56640-100RB#0-100RB#0



## 48-48-20MHz-20MHz-QPSK-QPSK-56442-56640-1RB#0-0RB#0

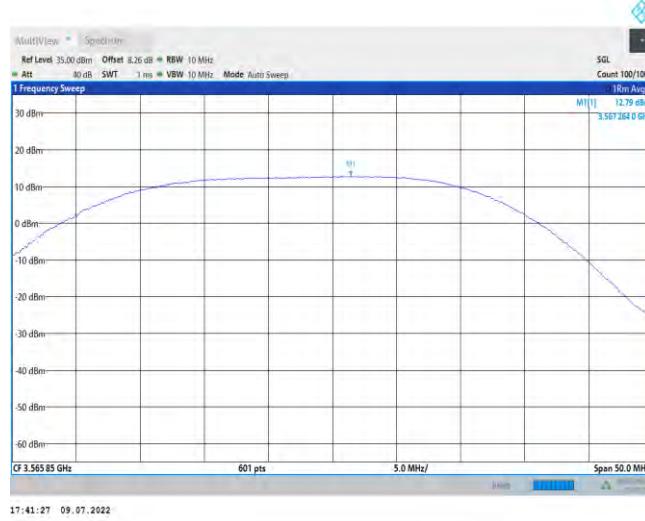


## 48-48-20MHz-5MHz-QPSK-QPSK-55340-55457-0RB#0-1RB#24

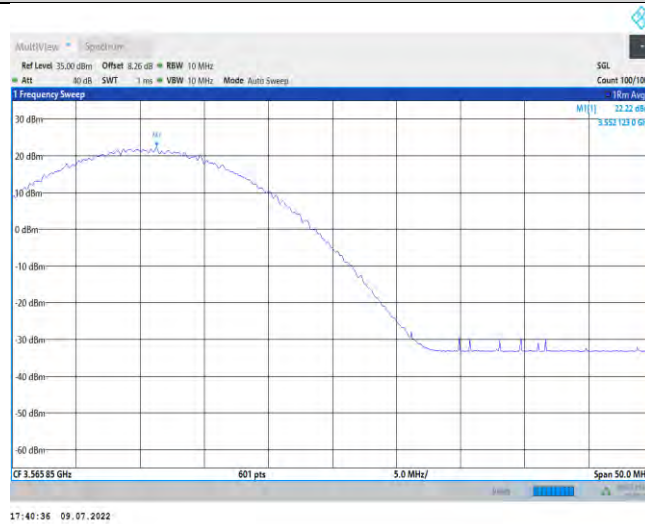




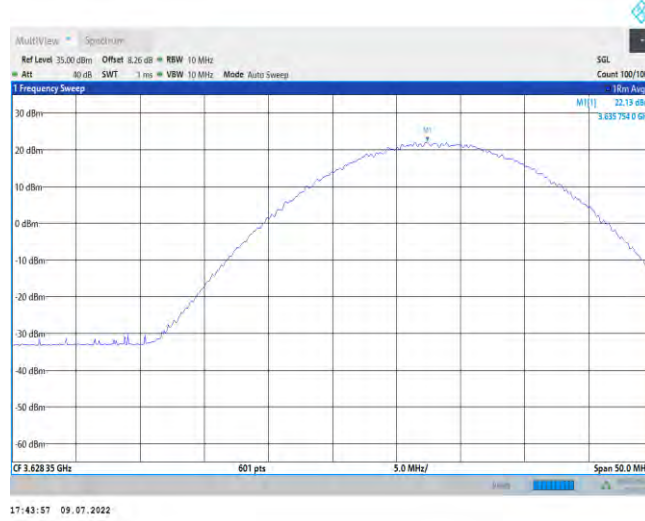
# 48-48-20MHz-5MHz-QPSK-QPSK-55340-55457-100RB#0-25RB#0



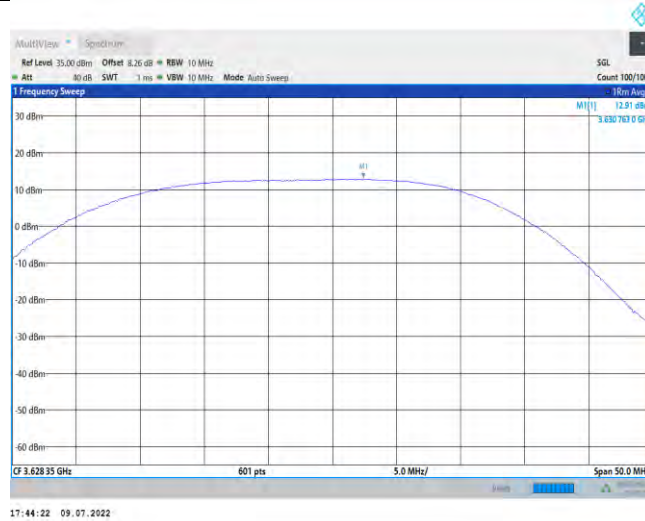
# 48-48-20MHz-5MHz-QPSK-QPSK-55340-55457-1RB#0-0RB#0



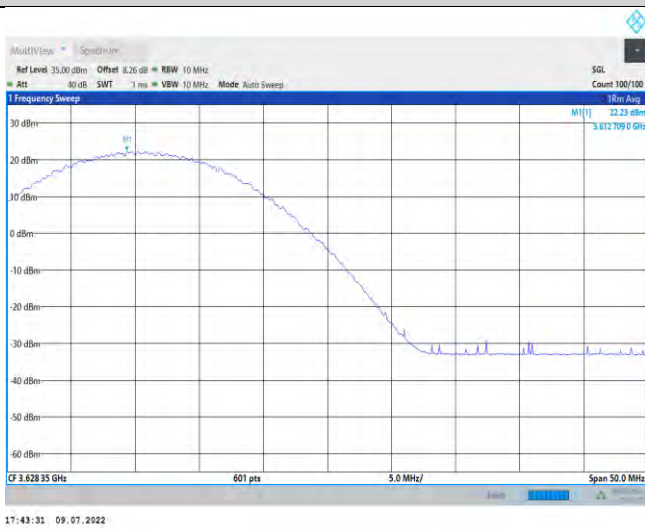
# 48-48-20MHz-5MHz-QPSK-QPSK-55965-56082-0RB#0-1RB#24



# 48-48-20MHz-5MHz-QPSK-QPSK-55965-56082-100RB#0-25RB#0



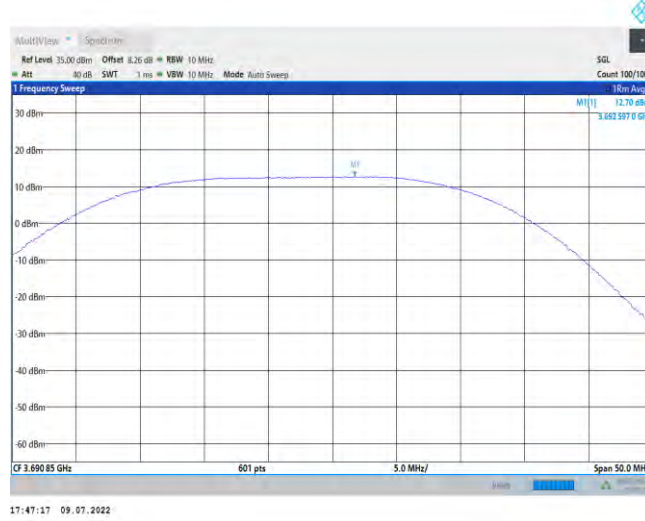
48-48-20MHz-5MHz-QPSK-QPSK-55965-56082-1RB#0-0RB#0



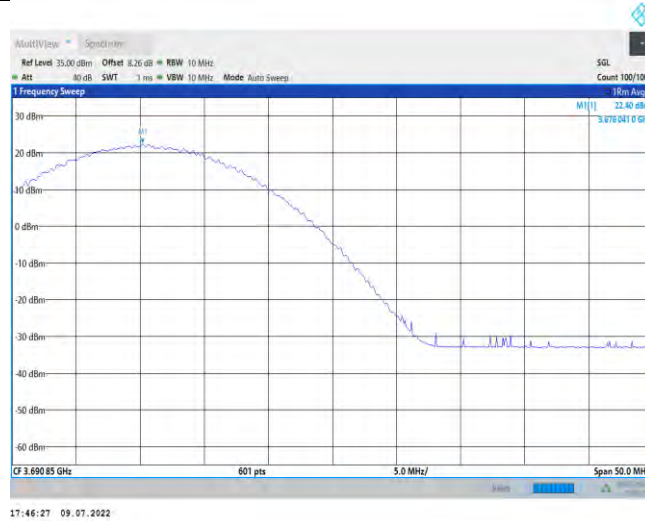
48-48-20MHz-5MHz-QPSK-QPSK-56590-56707-0RB#0-1RB#24



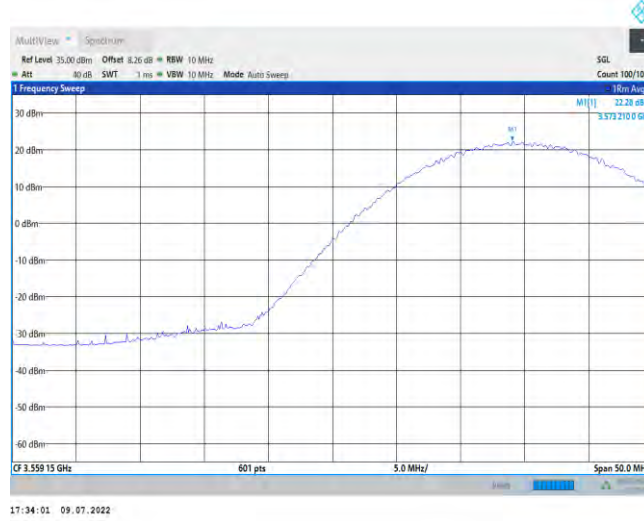
# 48-48-20MHz-5MHz-QPSK-QPSK-56590-56707-100RB#0-25RB#0



# 48-48-20MHz-5MHz-QPSK-QPSK-56590-56707-1RB#0-0RB#0



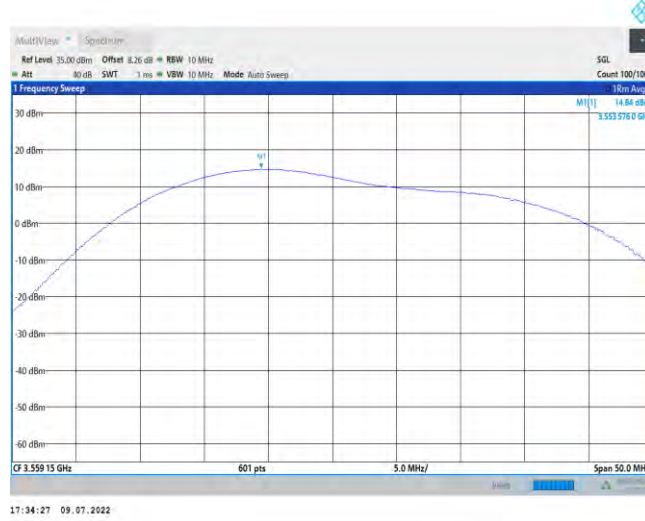
## 48-48-5MHz-20MHz-QPSK-QPSK-55273-55390-0RB#0-1RB#99



## 48-48-5MHz-20MHz-QPSK-QPSK-55273-55390-1RB#0-0RB#0



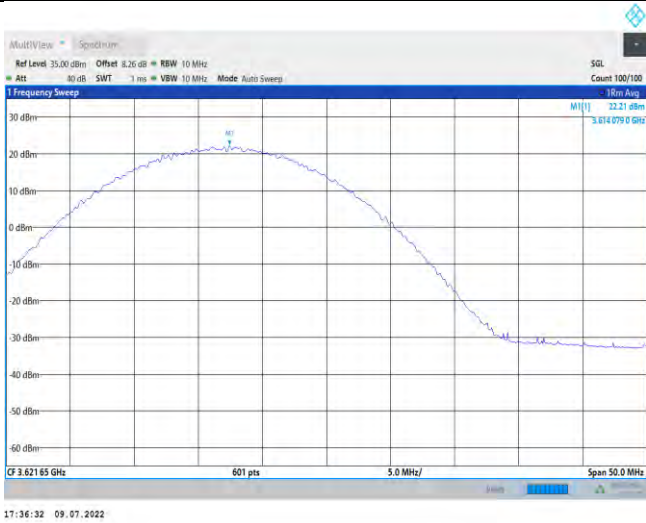
# 48-48-5MHz-20MHz-QPSK-QPSK-55273-55390-25RB#0-100RB#0



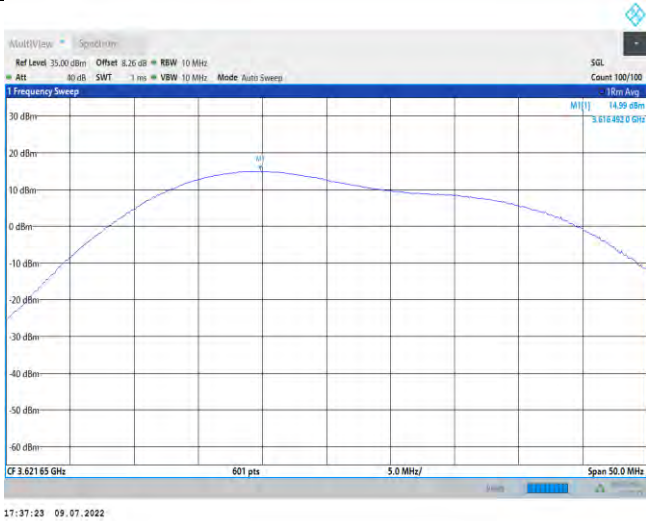
# 48-48-5MHz-20MHz-QPSK-QPSK-55898-56015-0RB#0-1RB#99



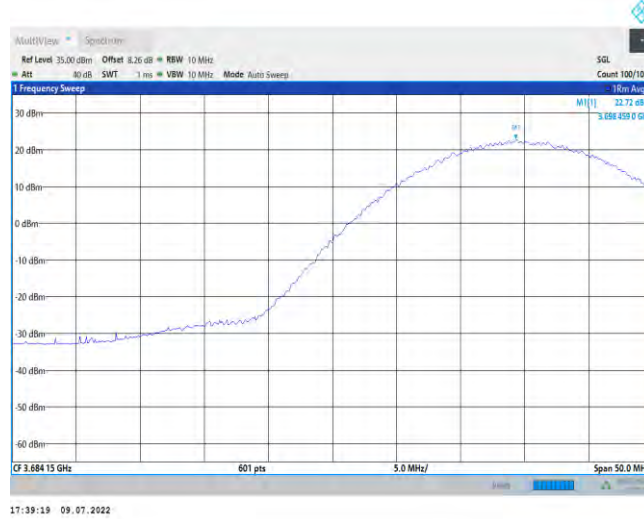
48-48-5MHz-20MHz-QPSK-QPSK-55898-56015-1RB#0-0RB#0



48-48-5MHz-20MHz-QPSK-QPSK-55898-56015-25RB#0-100RB#0



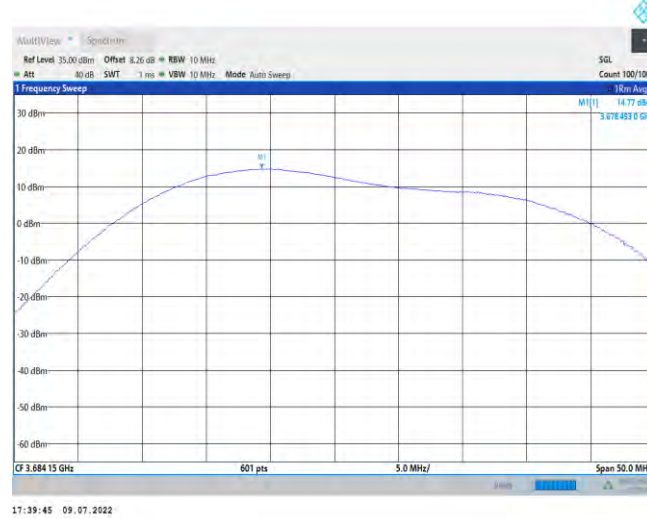
## 48-48-5MHz-20MHz-QPSK-QPSK-56523-56640-0RB#0-1RB#99



## 48-48-5MHz-20MHz-QPSK-QPSK-56523-56640-1RB#0-0RB#0



# 48-48-5MHz-20MHz-QPSK-QPSK-56523-56640-25RB#0-100RB#0



Effective (Isotropic) Radiated Power Output Data for MIMO

| SCS | Bandwidth | Modulation | Channel | RB Config       | Power<br>Ant1 | Power<br>Ant2 | Total<br>Power | EIRP  | LIMIT | Verdict |
|-----|-----------|------------|---------|-----------------|---------------|---------------|----------------|-------|-------|---------|
| 30  | 10        | CP-QPSK    | L       | Inner_1RB_Left  | 16.8          | 16.48         | 19.65          | 13.55 | 23    | PASS    |
| 30  | 10        | CP-QPSK    | L       | Inner_1RB_Right | 16.69         | 16.87         | 19.79          | 13.69 | 23    | PASS    |
| 30  | 10        | CP-QPSK    | L       | Outer_Full      | 15.29         | 15.18         | 18.25          | 12.15 | 23    | PASS    |
| 30  | 10        | CP-16QAM   | L       | Inner_1RB_Left  | 16.41         | 16.01         | 19.22          | 13.12 | 23    | PASS    |
| 30  | 10        | CP-16QAM   | L       | Inner_1RB_Right | 16.03         | 16.54         | 19.30          | 13.20 | 23    | PASS    |
| 30  | 10        | CP-16QAM   | L       | Outer_Full      | 15.18         | 15.21         | 18.21          | 12.11 | 23    | PASS    |
| 30  | 10        | CP-64QAM   | L       | Inner_1RB_Left  | 14.68         | 14            | 17.36          | 11.26 | 23    | PASS    |
| 30  | 10        | CP-64QAM   | L       | Inner_1RB_Right | 14.6          | 14.37         | 17.50          | 11.40 | 23    | PASS    |
| 30  | 10        | CP-64QAM   | L       | Outer_Full      | 14.84         | 14.68         | 17.77          | 11.67 | 23    | PASS    |
| 30  | 10        | CP-256QAM  | L       | Inner_1RB_Left  | 12.18         | 11.7          | 14.96          | 8.86  | 23    | PASS    |
| 30  | 10        | CP-256QAM  | L       | Inner_1RB_Right | 12.12         | 12.23         | 15.19          | 9.09  | 23    | PASS    |
| 30  | 10        | CP-256QAM  | L       | Outer_Full      | 12.22         | 11.99         | 15.12          | 9.02  | 23    | PASS    |
| 30  | 10        | CP-QPSK    | M       | Inner_1RB_Left  | 16.93         | 17.19         | 20.07          | 13.97 | 23    | PASS    |
| 30  | 10        | CP-QPSK    | M       | Inner_1RB_Right | 16.77         | 17.04         | 19.92          | 13.82 | 23    | PASS    |
| 30  | 10        | CP-QPSK    | M       | Outer_Full      | 15.37         | 15.38         | 18.39          | 12.29 | 23    | PASS    |
| 30  | 10        | CP-16QAM   | M       | Inner_1RB_Left  | 16.37         | 16.67         | 19.53          | 13.43 | 23    | PASS    |
| 30  | 10        | CP-16QAM   | M       | Inner_1RB_Right | 16.27         | 16.52         | 19.41          | 13.31 | 23    | PASS    |
| 30  | 10        | CP-16QAM   | M       | Outer_Full      | 15.28         | 15.39         | 18.35          | 12.25 | 23    | PASS    |
| 30  | 10        | CP-64QAM   | M       | Inner_1RB_Left  | 14.78         | 14.62         | 17.71          | 11.61 | 23    | PASS    |
| 30  | 10        | CP-64QAM   | M       | Inner_1RB_Right | 14.64         | 14.24         | 17.45          | 11.35 | 23    | PASS    |
| 30  | 10        | CP-64QAM   | M       | Outer_Full      | 14.79         | 14.89         | 17.85          | 11.75 | 23    | PASS    |
| 30  | 10        | CP-256QAM  | M       | Inner_1RB_Left  | 12.54         | 12.18         | 15.37          | 9.27  | 23    | PASS    |
| 30  | 10        | CP-256QAM  | M       | Inner_1RB_Right | 12.07         | 12.04         | 15.07          | 8.97  | 23    | PASS    |

|    |    |           |   |                 |       |       |       |       |    |      |
|----|----|-----------|---|-----------------|-------|-------|-------|-------|----|------|
| 30 | 10 | CP-256QAM | M | Outer_Full      | 12.2  | 12.18 | 15.20 | 9.10  | 23 | PASS |
| 30 | 10 | CP-QPSK   | H | Inner_1RB_Left  | 16.86 | 16.35 | 19.62 | 13.52 | 23 | PASS |
| 30 | 10 | CP-QPSK   | H | Inner_1RB_Right | 16.87 | 16.73 | 19.81 | 13.71 | 23 | PASS |
| 30 | 10 | CP-QPSK   | H | Outer_Full      | 15.29 | 14.94 | 18.13 | 12.03 | 23 | PASS |
| 30 | 10 | CP-16QAM  | H | Inner_1RB_Left  | 16.29 | 15.97 | 19.14 | 13.04 | 23 | PASS |
| 30 | 10 | CP-16QAM  | H | Inner_1RB_Right | 16.26 | 16.24 | 19.26 | 13.16 | 23 | PASS |
| 30 | 10 | CP-16QAM  | H | Outer_Full      | 15.27 | 14.97 | 18.13 | 12.03 | 23 | PASS |
| 30 | 10 | CP-64QAM  | H | Inner_1RB_Left  | 15.27 | 14.97 | 18.13 | 12.03 | 23 | PASS |
| 30 | 10 | CP-64QAM  | H | Inner_1RB_Right | 14.74 | 14.15 | 17.47 | 11.37 | 23 | PASS |
| 30 | 10 | CP-64QAM  | H | Outer_Full      | 14.7  | 14.46 | 17.59 | 11.49 | 23 | PASS |
| 30 | 10 | CP-256QAM | H | Inner_1RB_Left  | 12.06 | 11.5  | 14.80 | 8.70  | 23 | PASS |
| 30 | 10 | CP-256QAM | H | Inner_1RB_Right | 11.98 | 11.88 | 14.94 | 8.84  | 23 | PASS |
| 30 | 10 | CP-256QAM | H | Outer_Full      | 12.09 | 11.78 | 14.95 | 8.85  | 23 | PASS |
| 30 | 20 | CP-QPSK   | L | Inner_1RB_Left  | 17.21 | 16.85 | 20.04 | 13.94 | 23 | PASS |
| 30 | 20 | CP-QPSK   | L | Inner_1RB_Right | 16.96 | 17.17 | 20.08 | 13.98 | 23 | PASS |
| 30 | 20 | CP-QPSK   | L | Outer_Full      | 15.51 | 15.62 | 18.58 | 12.48 | 23 | PASS |
| 30 | 20 | CP-16QAM  | L | Inner_1RB_Left  | 16.65 | 16.29 | 19.48 | 13.38 | 23 | PASS |
| 30 | 20 | CP-16QAM  | L | Inner_1RB_Right | 16.38 | 16.59 | 19.50 | 13.40 | 23 | PASS |
| 30 | 20 | CP-16QAM  | L | Outer_Full      | 15.56 | 15.61 | 18.60 | 12.50 | 23 | PASS |
| 30 | 20 | CP-64QAM  | L | Inner_1RB_Left  | 15.29 | 15.32 | 18.32 | 12.22 | 23 | PASS |
| 30 | 20 | CP-64QAM  | L | Inner_1RB_Right | 14.88 | 15.15 | 18.03 | 11.93 | 23 | PASS |
| 30 | 20 | CP-64QAM  | L | Outer_Full      | 15    | 15.14 | 18.08 | 11.98 | 23 | PASS |
| 30 | 20 | CP-256QAM | L | Inner_1RB_Left  | 12.5  | 12.11 | 15.32 | 9.22  | 23 | PASS |
| 30 | 20 | CP-256QAM | L | Inner_1RB_Right | 12.34 | 12.43 | 15.40 | 9.30  | 23 | PASS |
| 30 | 20 | CP-256QAM | L | Outer_Full      | 12.37 | 12.38 | 15.39 | 9.29  | 23 | PASS |

|    |    |           |   |                 |       |       |       |       |    |      |
|----|----|-----------|---|-----------------|-------|-------|-------|-------|----|------|
| 30 | 20 | CP-QPSK   | M | Inner_1RB_Left  | 17.06 | 17.3  | 20.19 | 14.09 | 23 | PASS |
| 30 | 20 | CP-QPSK   | M | Inner_1RB_Right | 16.95 | 16.99 | 19.98 | 13.88 | 23 | PASS |
| 30 | 20 | CP-QPSK   | M | Outer_Full      | 15.46 | 15.59 | 18.54 | 12.44 | 23 | PASS |
| 30 | 20 | CP-16QAM  | M | Inner_1RB_Left  | 16.64 | 16.85 | 19.76 | 13.66 | 23 | PASS |
| 30 | 20 | CP-16QAM  | M | Inner_1RB_Right | 16.38 | 16.46 | 19.43 | 13.33 | 23 | PASS |
| 30 | 20 | CP-16QAM  | M | Outer_Full      | 15.49 | 15.61 | 18.56 | 12.46 | 23 | PASS |
| 30 | 20 | CP-64QAM  | M | Inner_1RB_Left  | 13.46 | 13.52 | 16.50 | 10.40 | 23 | PASS |
| 30 | 20 | CP-64QAM  | M | Inner_1RB_Right | 14.98 | 15.04 | 18.02 | 11.92 | 23 | PASS |
| 30 | 20 | CP-64QAM  | M | Outer_Full      | 15.03 | 15.1  | 18.08 | 11.98 | 23 | PASS |
| 30 | 20 | CP-256QAM | M | Inner_1RB_Left  | 12.44 | 12.53 | 15.50 | 9.40  | 23 | PASS |
| 30 | 20 | CP-256QAM | M | Inner_1RB_Right | 12.22 | 12.2  | 15.22 | 9.12  | 23 | PASS |
| 30 | 20 | CP-256QAM | M | Outer_Full      | 12.36 | 12.41 | 15.40 | 9.30  | 23 | PASS |
| 30 | 20 | CP-QPSK   | H | Inner_1RB_Left  | 16.74 | 16.51 | 19.64 | 13.54 | 23 | PASS |
| 30 | 20 | CP-QPSK   | H | Inner_1RB_Right | 16.93 | 16.77 | 19.86 | 13.76 | 23 | PASS |
| 30 | 20 | CP-QPSK   | H | Outer_Full      | 15.35 | 15.13 | 18.25 | 12.15 | 23 | PASS |
| 30 | 20 | CP-16QAM  | H | Inner_1RB_Left  | 16.31 | 16.02 | 19.18 | 13.08 | 23 | PASS |
| 30 | 20 | CP-16QAM  | H | Inner_1RB_Right | 16.6  | 16.23 | 19.43 | 13.33 | 23 | PASS |
| 30 | 20 | CP-16QAM  | H | Outer_Full      | 15.28 | 15.06 | 18.18 | 12.08 | 23 | PASS |
| 30 | 20 | CP-64QAM  | H | Inner_1RB_Left  | 14.73 | 11.88 | 16.55 | 10.45 | 23 | PASS |
| 30 | 20 | CP-64QAM  | H | Inner_1RB_Right | 14.73 | 14.33 | 17.54 | 11.44 | 23 | PASS |
| 30 | 20 | CP-64QAM  | H | Outer_Full      | 14.83 | 14.68 | 17.77 | 11.67 | 23 | PASS |
| 30 | 20 | CP-256QAM | H | Inner_1RB_Left  | 12.17 | 11.81 | 15.00 | 8.90  | 23 | PASS |
| 30 | 20 | CP-256QAM | H | Inner_1RB_Right | 12.25 | 12.12 | 15.20 | 9.10  | 23 | PASS |
| 30 | 20 | CP-256QAM | H | Outer_Full      | 12.14 | 11.9  | 15.03 | 8.93  | 23 | PASS |
| 30 | 40 | CP-QPSK   | L | Inner_1RB_Left  | 17.1  | 17.05 | 20.09 | 13.99 | 23 | PASS |

|    |    |           |   |                 |       |       |       |       |    |      |
|----|----|-----------|---|-----------------|-------|-------|-------|-------|----|------|
| 30 | 40 | CP-QPSK   | L | Inner_1RB_Right | 17.39 | 17.25 | 20.33 | 14.23 | 23 | PASS |
| 30 | 40 | CP-QPSK   | L | Outer_Full      | 15.42 | 15.57 | 18.51 | 12.41 | 23 | PASS |
| 30 | 40 | CP-16QAM  | L | Inner_1RB_Left  | 16.59 | 16.46 | 19.54 | 13.44 | 23 | PASS |
| 30 | 40 | CP-16QAM  | L | Inner_1RB_Right | 16.6  | 17.04 | 19.84 | 13.74 | 23 | PASS |
| 30 | 40 | CP-16QAM  | L | Outer_Full      | 15.42 | 15.53 | 18.49 | 12.39 | 23 | PASS |
| 30 | 40 | CP-64QAM  | L | Inner_1RB_Left  | 14.99 | 14.85 | 17.93 | 11.83 | 23 | PASS |
| 30 | 40 | CP-64QAM  | L | Inner_1RB_Right | 15.05 | 14.75 | 17.91 | 11.81 | 23 | PASS |
| 30 | 40 | CP-64QAM  | L | Outer_Full      | 14.93 | 15.1  | 18.03 | 11.93 | 23 | PASS |
| 30 | 40 | CP-256QAM | L | Inner_1RB_Left  | 12.53 | 12.67 | 15.61 | 9.51  | 23 | PASS |
| 30 | 40 | CP-256QAM | L | Inner_1RB_Right | 12.67 | 12.67 | 15.68 | 9.58  | 23 | PASS |
| 30 | 40 | CP-256QAM | L | Outer_Full      | 12.34 | 12.41 | 15.39 | 9.29  | 23 | PASS |
| 30 | 40 | CP-QPSK   | M | Inner_1RB_Left  | 17.13 | 16.73 | 19.94 | 13.84 | 23 | PASS |
| 30 | 40 | CP-QPSK   | M | Inner_1RB_Right | 17.07 | 17.25 | 20.17 | 14.07 | 23 | PASS |
| 30 | 40 | CP-QPSK   | M | Outer_Full      | 15.44 | 15.58 | 18.52 | 12.42 | 23 | PASS |
| 30 | 40 | CP-16QAM  | M | Inner_1RB_Left  | 16.75 | 16.26 | 19.52 | 13.42 | 23 | PASS |
| 30 | 40 | CP-16QAM  | M | Inner_1RB_Right | 16.69 | 16.72 | 19.72 | 13.62 | 23 | PASS |
| 30 | 40 | CP-16QAM  | M | Outer_Full      | 15.43 | 15.58 | 18.52 | 12.42 | 23 | PASS |
| 30 | 40 | CP-64QAM  | M | Inner_1RB_Left  | 15.43 | 14.29 | 17.91 | 11.81 | 23 | PASS |
| 30 | 40 | CP-64QAM  | M | Inner_1RB_Right | 14.86 | 14.83 | 17.86 | 11.76 | 23 | PASS |
| 30 | 40 | CP-64QAM  | M | Outer_Full      | 14.88 | 15.07 | 17.99 | 11.89 | 23 | PASS |
| 30 | 40 | CP-256QAM | M | Inner_1RB_Left  | 12.58 | 12.07 | 15.34 | 9.24  | 23 | PASS |
| 30 | 40 | CP-256QAM | M | Inner_1RB_Right | 12.49 | 12.5  | 15.51 | 9.41  | 23 | PASS |
| 30 | 40 | CP-256QAM | M | Outer_Full      | 12.35 | 12.45 | 15.41 | 9.31  | 23 | PASS |
| 30 | 40 | CP-QPSK   | H | Inner_1RB_Left  | 16.98 | 17.34 | 20.17 | 14.07 | 23 | PASS |
| 30 | 40 | CP-QPSK   | H | Inner_1RB_Right | 16.84 | 17.04 | 19.95 | 13.85 | 23 | PASS |

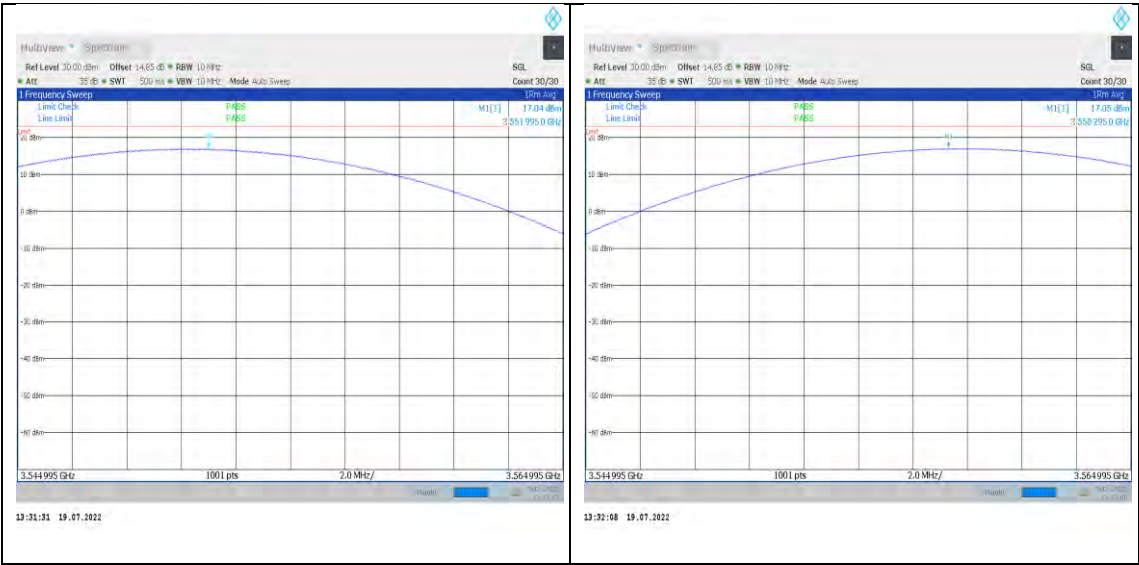
|    |    |           |   |                 |       |       |       |       |    |      |
|----|----|-----------|---|-----------------|-------|-------|-------|-------|----|------|
| 30 | 40 | CP-QPSK   | H | Outer_Full      | 15.34 | 15.29 | 18.33 | 12.23 | 23 | PASS |
| 30 | 40 | CP-16QAM  | H | Inner_1RB_Left  | 16.25 | 16.68 | 19.48 | 13.38 | 23 | PASS |
| 30 | 40 | CP-16QAM  | H | Inner_1RB_Right | 16.53 | 16.5  | 19.53 | 13.43 | 23 | PASS |
| 30 | 40 | CP-16QAM  | H | Outer_Full      | 15.33 | 15.29 | 18.32 | 12.22 | 23 | PASS |
| 30 | 40 | CP-64QAM  | H | Inner_1RB_Left  | 14.76 | 12.38 | 16.74 | 10.64 | 23 | PASS |
| 30 | 40 | CP-64QAM  | H | Inner_1RB_Right | 14.81 | 14.41 | 17.62 | 11.52 | 23 | PASS |
| 30 | 40 | CP-64QAM  | H | Outer_Full      | 14.8  | 14.81 | 17.82 | 11.72 | 23 | PASS |
| 30 | 40 | CP-256QAM | H | Inner_1RB_Left  | 12.26 | 12.34 | 15.31 | 9.21  | 23 | PASS |
| 30 | 40 | CP-256QAM | H | Inner_1RB_Right | 12.4  | 12.22 | 15.32 | 9.22  | 23 | PASS |
| 30 | 40 | CP-256QAM | H | Outer_Full      | 12.17 | 12.16 | 15.18 | 9.08  | 23 | PASS |

Test Result(PSD dBm/10MHz)

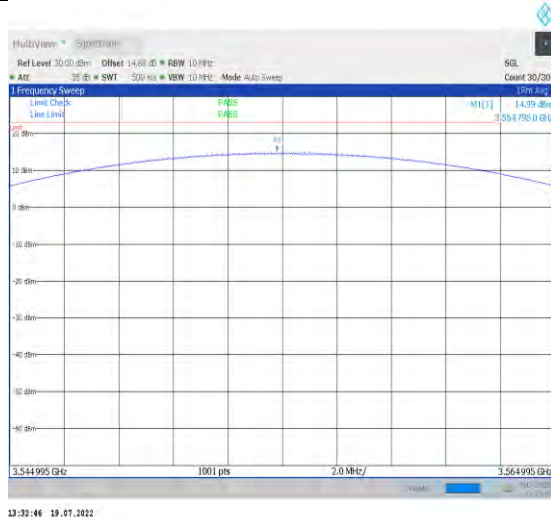
| Band | SCS | Bandwidth | Modulation | CH | RB Config       | ANT1  | ANT2  | TOTAL | EIRP  | Limit | Verdict |
|------|-----|-----------|------------|----|-----------------|-------|-------|-------|-------|-------|---------|
| N48  | 30  | 10        | CP-QPSK    | L  | Inner_1RB_Left  | 17.04 | 18.31 | 20.73 | 17.64 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | L  | Inner_1RB_Right | 17.05 | 18.05 | 20.59 | 17.50 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | L  | Outer_Full      | 14.99 | 15.95 | 18.51 | 15.42 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | M  | Inner_1RB_Left  | 17.38 | 18.24 | 20.84 | 17.75 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | M  | Inner_1RB_Right | 17.2  | 18.31 | 20.80 | 17.71 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | M  | Outer_Full      | 15.06 | 16.13 | 18.64 | 15.55 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | H  | Inner_1RB_Left  | 16.94 | 17.72 | 20.36 | 17.27 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | H  | Inner_1RB_Right | 17.03 | 17.98 | 20.54 | 17.45 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | H  | Outer_Full      | 14.58 | 15.69 | 18.18 | 15.09 | 23    | PASS    |
| N48  | 30  | 20        | CP-QPSK    | L  | Inner_1RB_Left  | 17.22 | 18.56 | 20.95 | 17.86 | 23    | PASS    |
| N48  | 30  | 20        | CP-QPSK    | L  | Inner_1RB_Right | 17.31 | 18.55 | 20.98 | 17.89 | 23    | PASS    |
| N48  | 30  | 20        | CP-QPSK    | L  | Outer_Full      | 13.37 | 14.42 | 16.94 | 13.85 | 23    | PASS    |

|     |    |    |         |   |                 |       |       |       |       |    |      |
|-----|----|----|---------|---|-----------------|-------|-------|-------|-------|----|------|
| N48 | 30 | 20 | CP-QPSK | M | Inner_1RB_Left  | 17.24 | 18.87 | 21.14 | 18.05 | 23 | PASS |
| N48 | 30 | 20 | CP-QPSK | M | Inner_1RB_Right | 17.3  | 18.76 | 21.10 | 18.01 | 23 | PASS |
| N48 | 30 | 20 | CP-QPSK | M | Outer_Full      | 13.78 | 14.81 | 17.34 | 14.25 | 23 | PASS |
| N48 | 30 | 20 | CP-QPSK | H | Inner_1RB_Left  | 17.8  | 18.38 | 21.11 | 18.02 | 23 | PASS |
| N48 | 30 | 20 | CP-QPSK | H | Inner_1RB_Right | 17.77 | 18.32 | 21.06 | 17.97 | 23 | PASS |
| N48 | 30 | 20 | CP-QPSK | H | Outer_Full      | 13.56 | 14.47 | 17.05 | 13.96 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | L | Inner_1RB_Left  | 18.16 | 18.8  | 21.50 | 18.41 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | L | Inner_1RB_Right | 18.2  | 18.82 | 21.53 | 18.44 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | L | Outer_Full      | 11.38 | 11.8  | 14.61 | 11.52 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | M | Inner_1RB_Left  | 18.14 | 18.69 | 21.43 | 18.34 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | M | Inner_1RB_Right | 18.33 | 19.17 | 21.78 | 18.69 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | M | Outer_Full      | 10.86 | 11.9  | 14.42 | 11.33 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | H | Inner_1RB_Left  | 17.77 | 18.84 | 21.35 | 18.26 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | H | Inner_1RB_Right | 17.81 | 18.4  | 21.13 | 18.04 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | H | Outer_Full      | 10.8  | 11.62 | 14.24 | 11.15 | 23 | PASS |

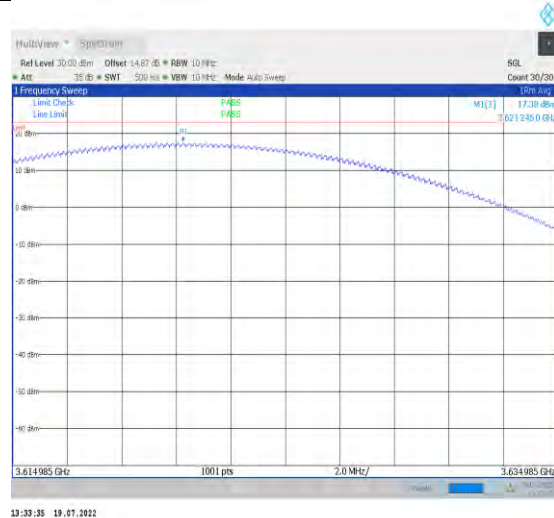
Test Graphs Ant1



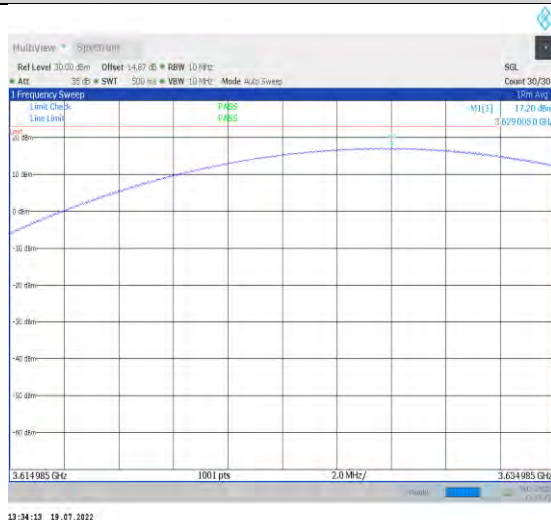
1-N48-PC2-30-10-L-1-CP-QPSK-  
Inner\_1RB\_Left-1@1-3544.995-  
3564.995-Ant1-17.04-23-PASS



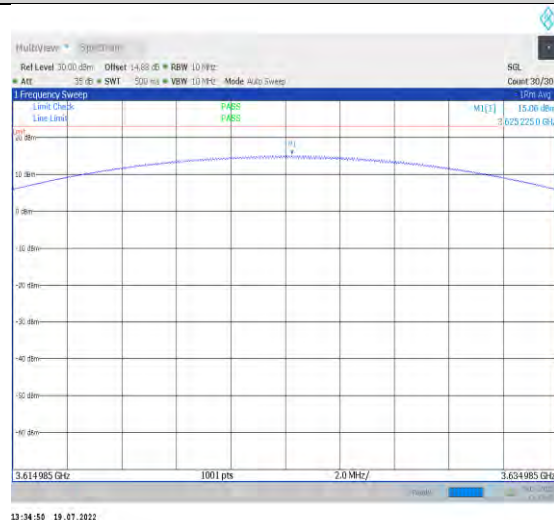
1-N48-PC2-30-10-L-2-CP-QPSK-  
Inner\_1RB\_Right-1@22-3544.995-  
3564.995-Ant1-17.05-23-PASS



1-N48-PC2-30-10-L-3-CP-QPSK-  
Outer\_Full-24@0-3544.995-3564.995-  
Ant1-14.99-23-PASS

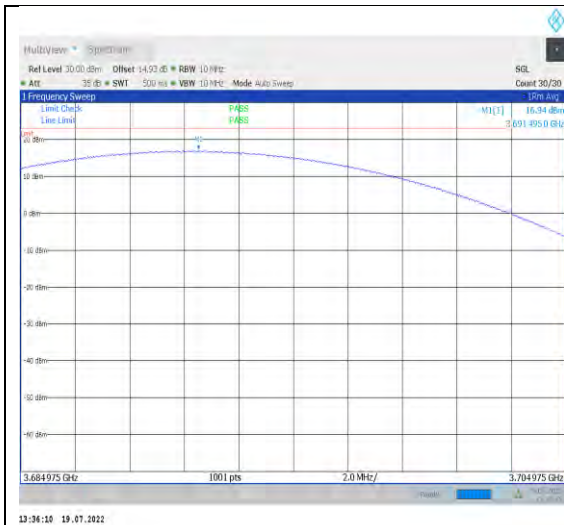


1-N48-PC2-30-10-M-1-CP-QPSK-  
Inner\_1RB\_Left-1@1-3614.985-  
3634.985-Ant1-17.38-23-PASS



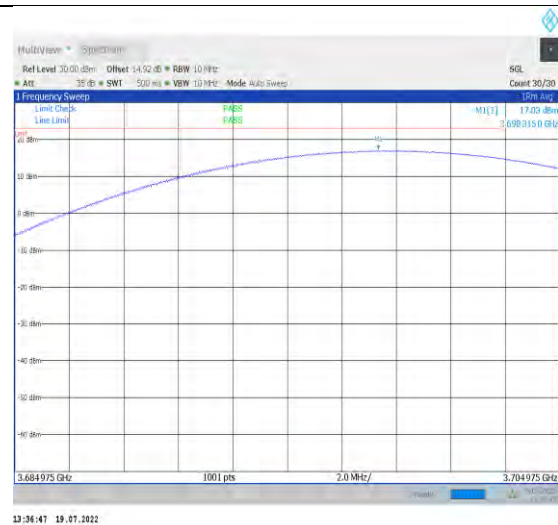
1-N48-PC2-30-10-M-2-CP-QPSK-  
Inner\_1RB\_Right-1@22-3614.985-  
3634.985-Ant1-17.20-23-PASS

1-N48-PC2-30-10-M-3-CP-QPSK-  
Outer\_Full-24@0-3614.985-3634.985-  
Ant1-15.06-23-PASS



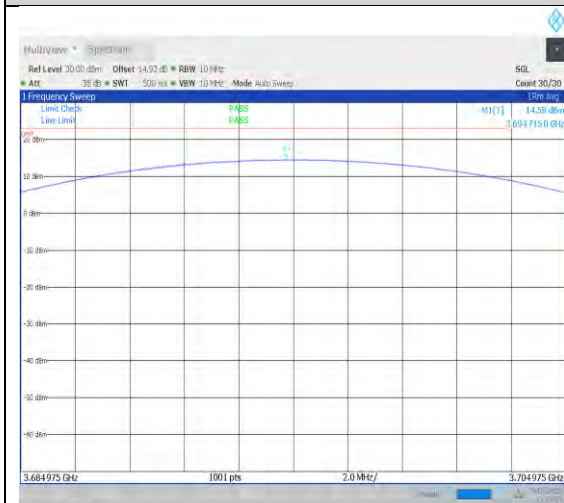
13:36:10 19.07.2022

1-N48-PC2-30-10-H-1-CP-QPSK-  
Inner\_1RB\_Left-1@1-3684.975-  
3704.975-Ant1-16.94-23-PASS



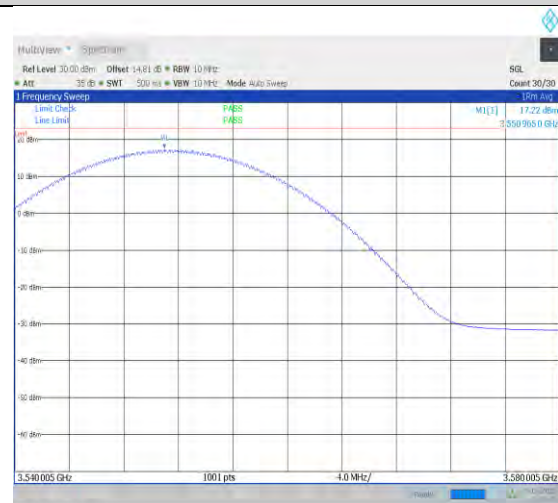
13:36:47 19.07.2022

1-N48-PC2-30-10-H-2-CP-QPSK-  
Inner\_1RB\_Right-1@22-3684.975-  
3704.975-Ant1-17.03-23-PASS



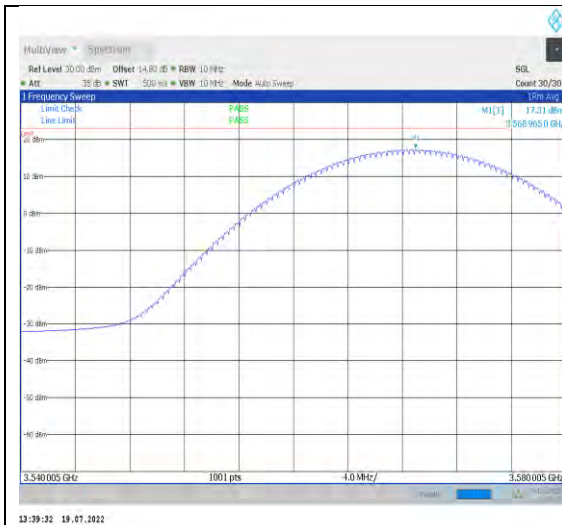
13:37:24 19.07.2022

1-N48-PC2-30-10-H-3-CP-QPSK-  
Outer\_Full-24@0-3684.975-3704.975-  
Ant1-14.58-23-PASS

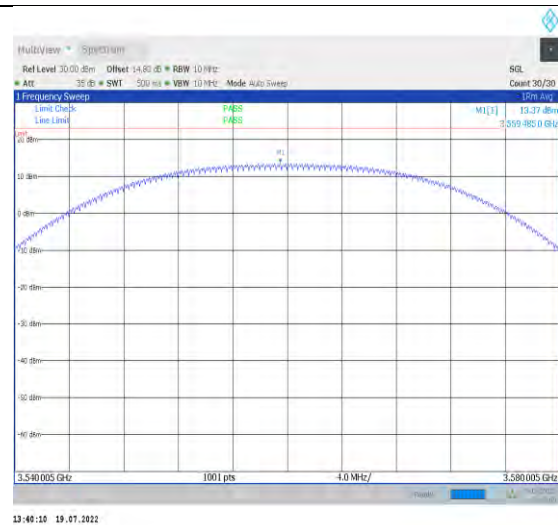


13:38:55 19.07.2022

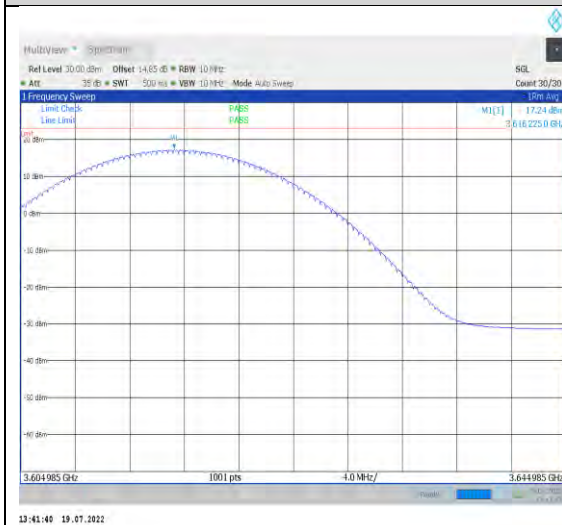
1-N48-PC2-30-20-L-1-CP-QPSK-  
Inner\_1RB\_Left-1@1-3540.005-  
3580.005-Ant1-17.22-23-PASS



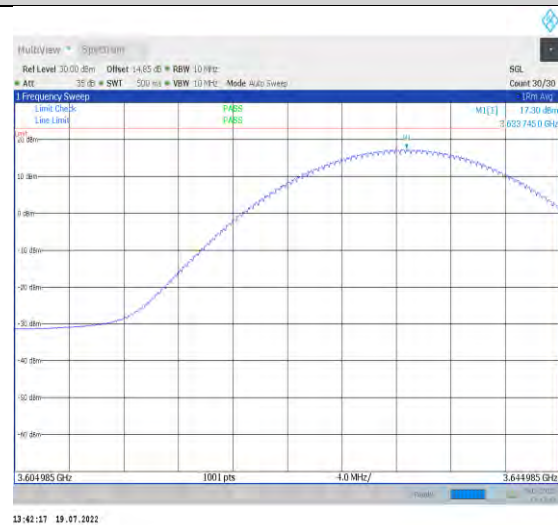
1-N48-PC2-30-20-L-2-CP-QPSK-  
Inner\_1RB\_Right-1@49-3540.005-  
3580.005-Ant1-17.31-23-PASS



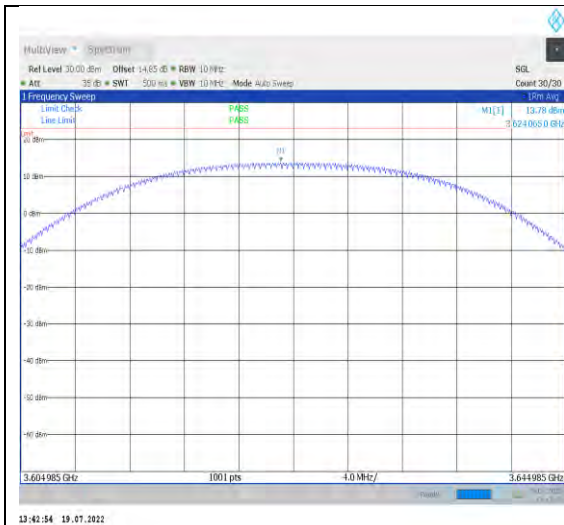
1-N48-PC2-30-20-L-3-CP-QPSK-  
Outer\_Full-51@0-3540.005-3580.005-  
Ant1-13.37-23-PASS



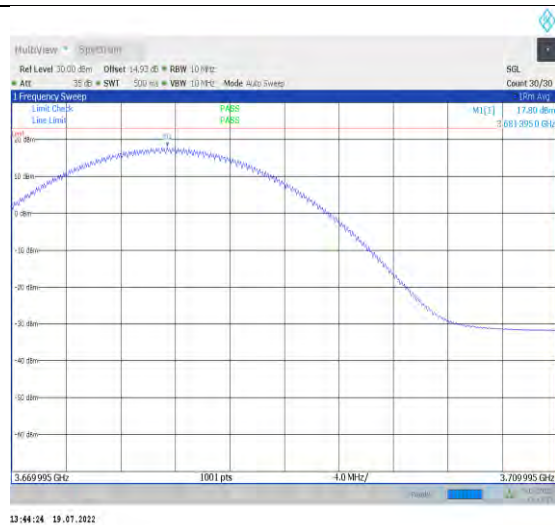
1-N48-PC2-30-20-M-1-CP-QPSK-  
Inner\_1RB\_Left-1@1-3604.985-  
3644.985-Ant1-17.24-23-PASS



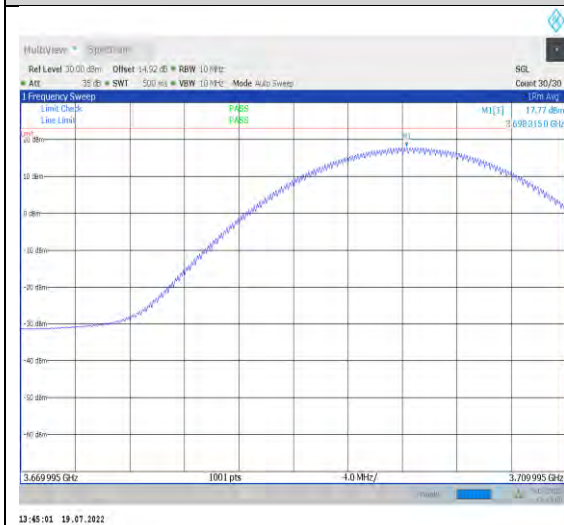
1-N48-PC2-30-20-M-2-CP-QPSK-  
Inner\_1RB\_Right-1@49-3604.985-  
3644.985-Ant1-17.30-23-PASS



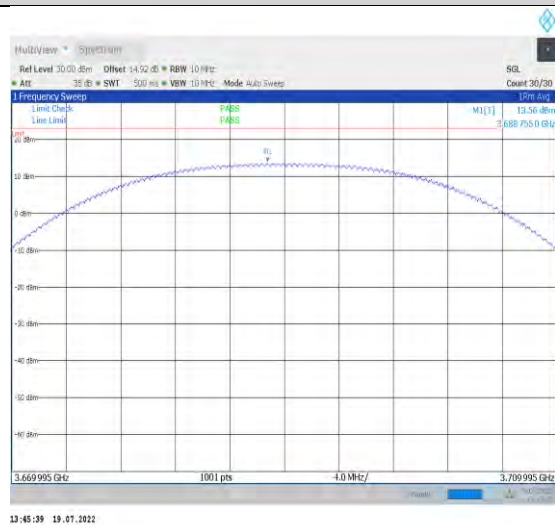
1-N48-PC2-30-20-M-3-CP-QPSK-  
 Outer\_Full-51@0-3604.985-3644.985-  
 Ant1-13.78-23-PASS



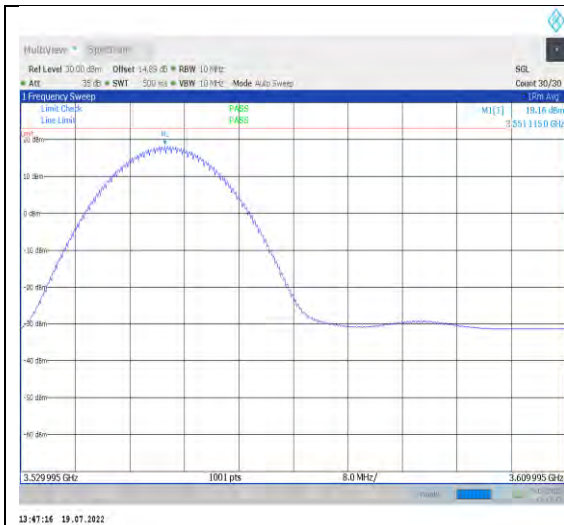
1-N48-PC2-30-20-H-1-CP-QPSK-  
 Inner\_1RB\_Left-1@1-3669.995-  
 3709.995-Ant1-17.80-23-PASS



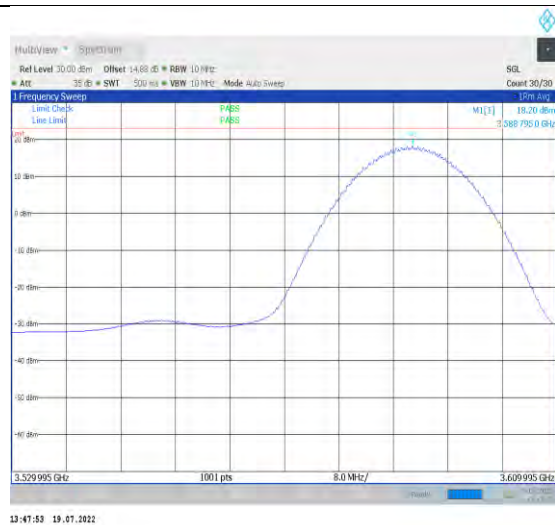
1-N48-PC2-30-20-H-2-CP-QPSK-  
 Inner\_1RB\_Right-1@49-3669.995-  
 3709.995-Ant1-17.77-23-PASS



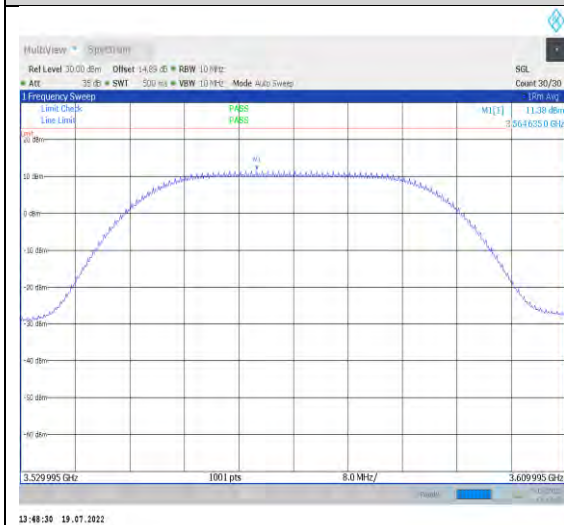
1-N48-PC2-30-20-H-3-CP-QPSK-  
 Outer\_Full-51@0-3669.995-3709.995-  
 Ant1-13.56-23-PASS



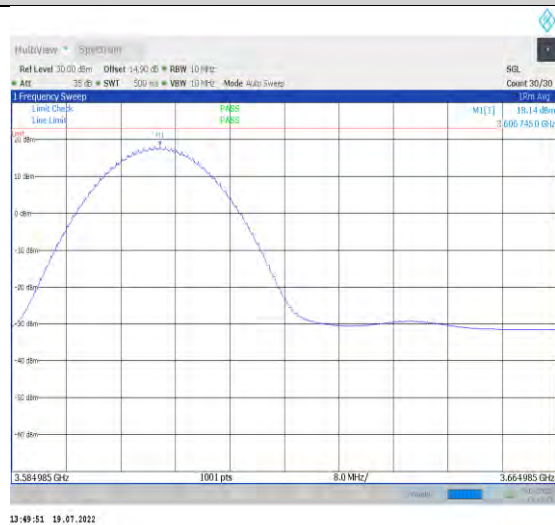
1-N48-PC2-30-40-L-1-CP-QPSK-  
 Inner\_1RB\_Left-1@1-3529.995-  
 3609.995-Ant1-18.16-23-PASS



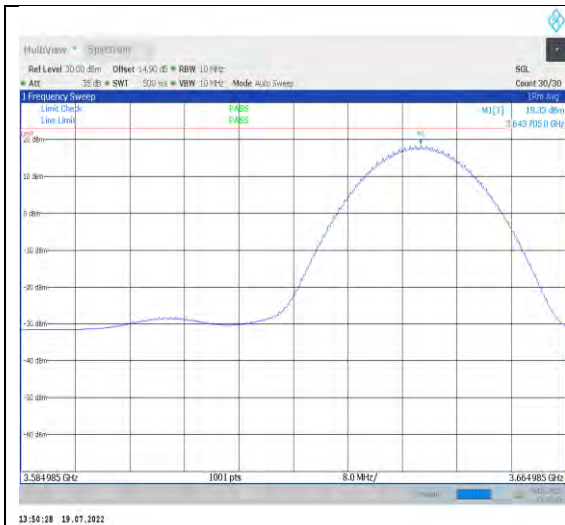
1-N48-PC2-30-40-L-2-CP-QPSK-  
 Inner\_1RB\_Right-1@104-3529.995-  
 3609.995-Ant1-18.20-23-PASS



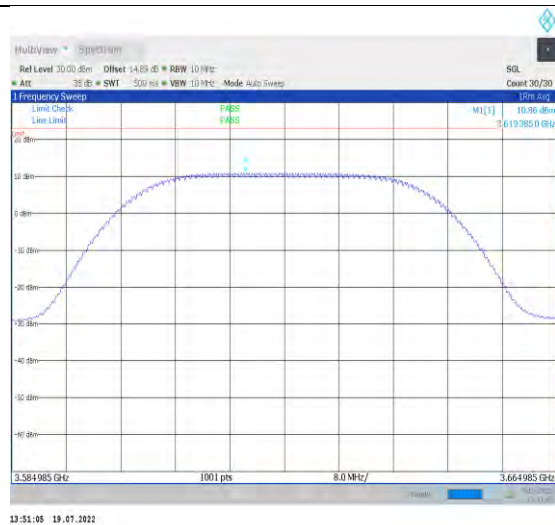
1-N48-PC2-30-40-L-3-CP-QPSK-  
 Outer\_Full-106@0-3529.995-3609.995-  
 Ant1-11.38-23-PASS



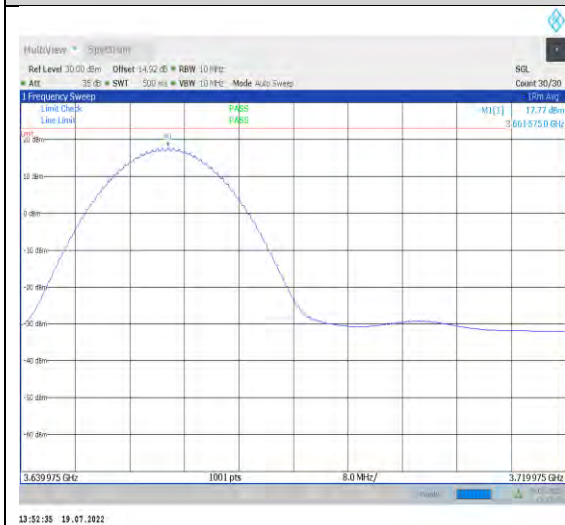
1-N48-PC2-30-40-M-1-CP-QPSK-  
 Inner\_1RB\_Left-1@1-3584.985-  
 3664.985-Ant1-18.14-23-PASS



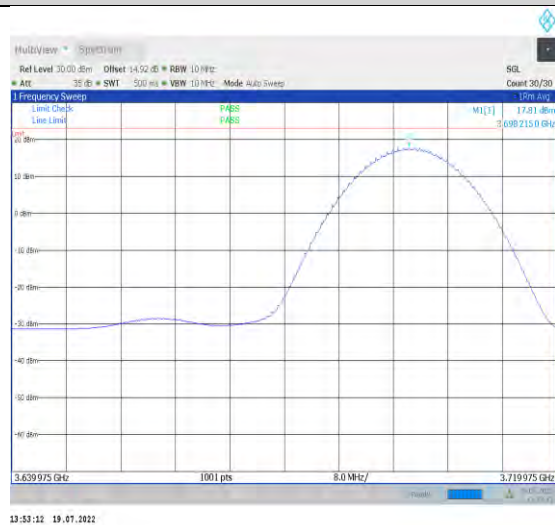
1-N48-PC2-30-40-M-2-CP-QPSK-  
 Inner\_1RB\_Right-1@104-3584.985-  
 3664.985-Ant1-18.33-23-PASS



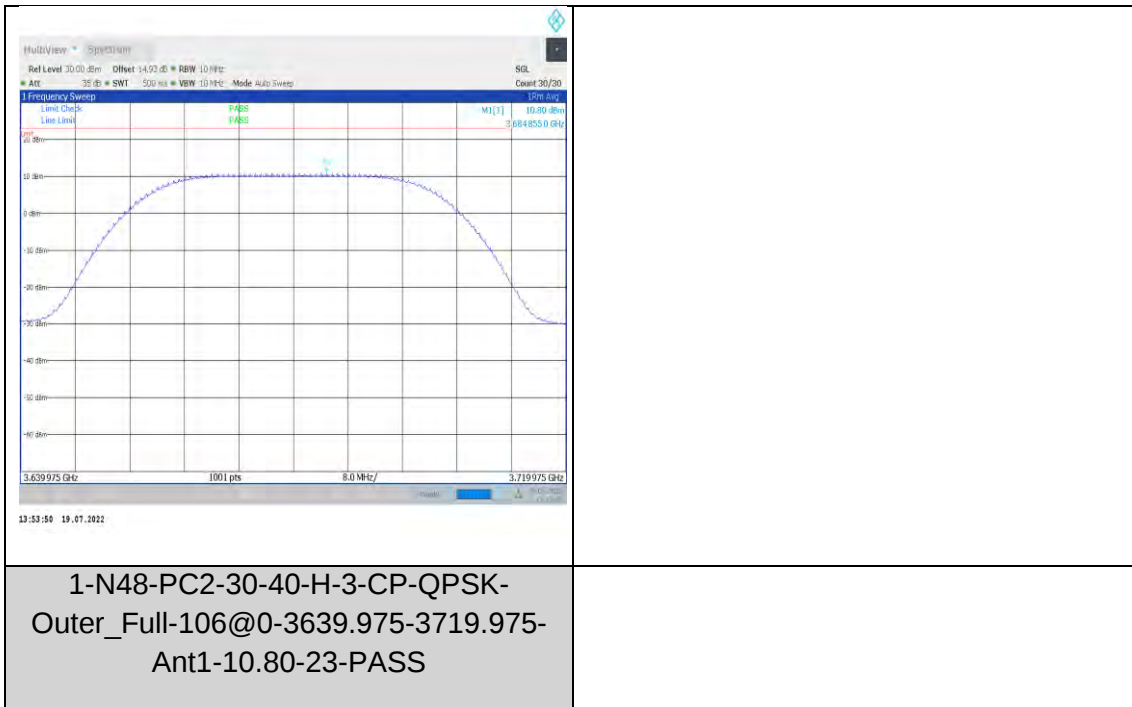
1-N48-PC2-30-40-M-3-CP-QPSK-  
 Outer\_Full-106@0-3584.985-3664.985-  
 Ant1-10.86-23-PASS



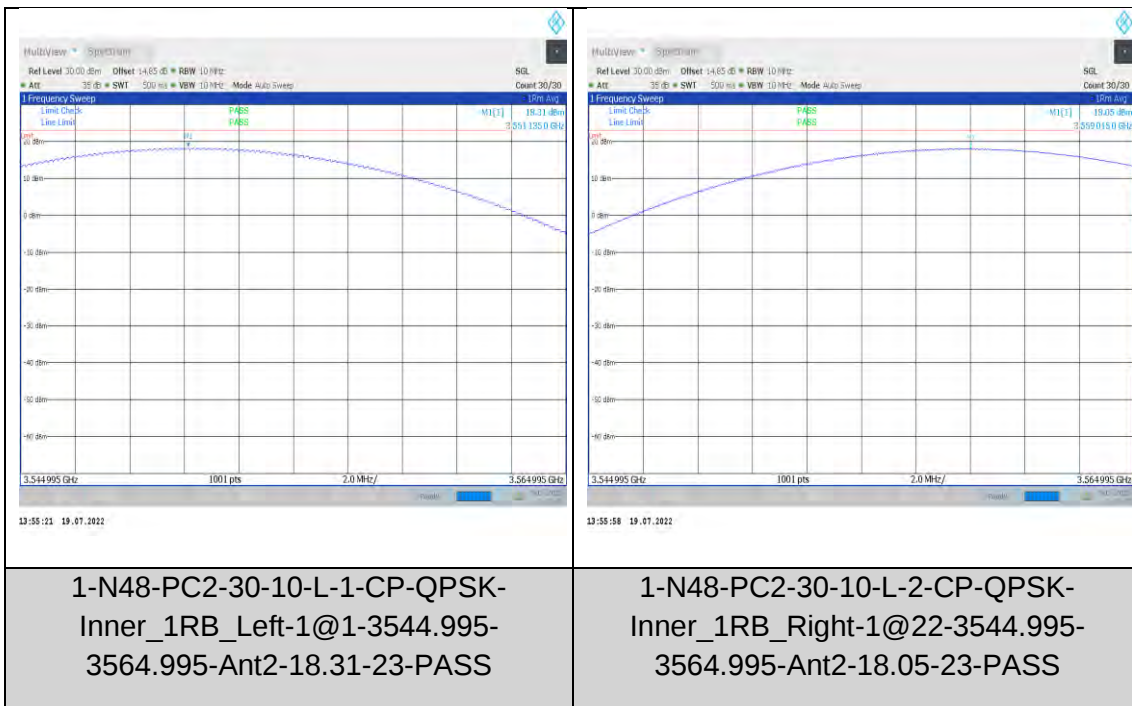
1-N48-PC2-30-40-H-1-CP-QPSK-  
 Inner\_1RB\_Left-1@1-3639.975-  
 3719.975-Ant1-17.77-23-PASS

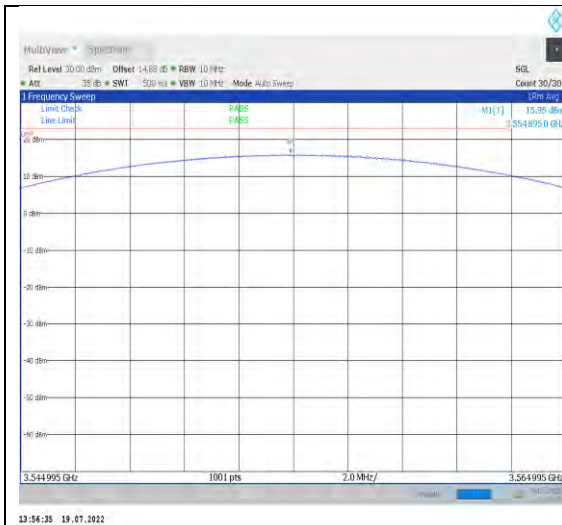


1-N48-PC2-30-40-H-2-CP-QPSK-  
 Inner\_1RB\_Right-1@104-3639.975-  
 3719.975-Ant1-17.81-23-PASS



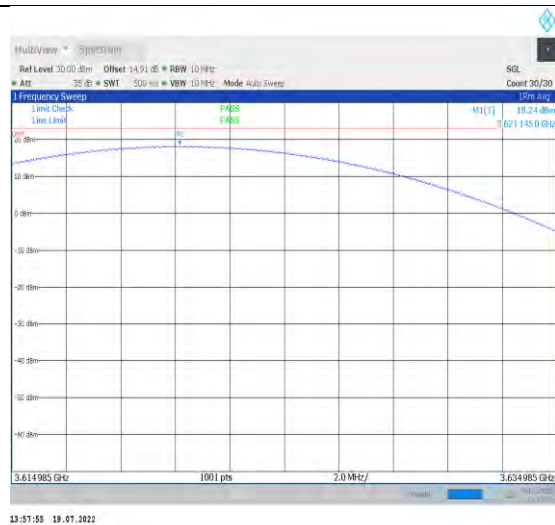
## Test Graphs Ant2





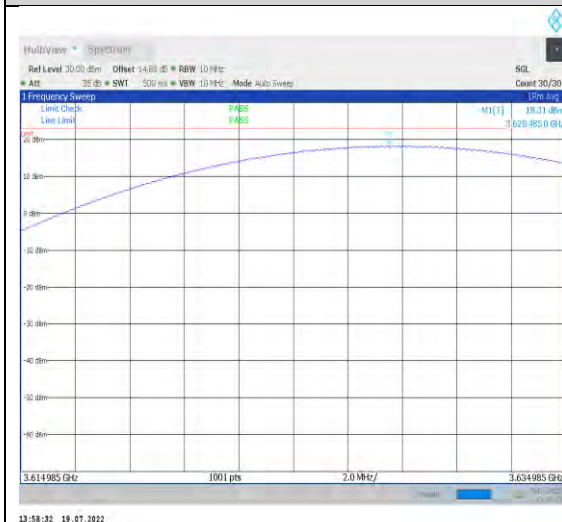
13:54:35 19.07.2022

1-N48-PC2-30-10-L-3-CP-QPSK-  
Outer\_Full-24@0-3544.995-3564.995-  
Ant2-15.95-23-PASS



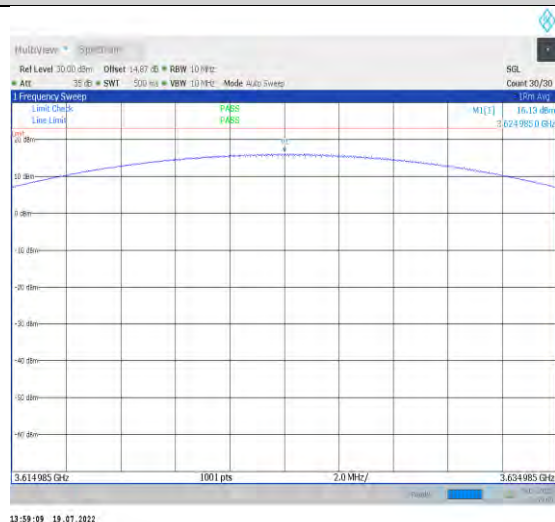
13:57:55 19.07.2022

1-N48-PC2-30-10-M-1-CP-QPSK-  
Inner\_1RB\_Left-1@1-3614.985-  
3634.985-Ant2-18.24-23-PASS



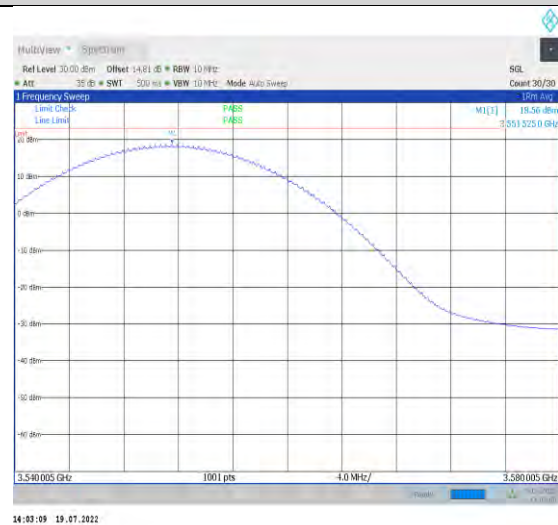
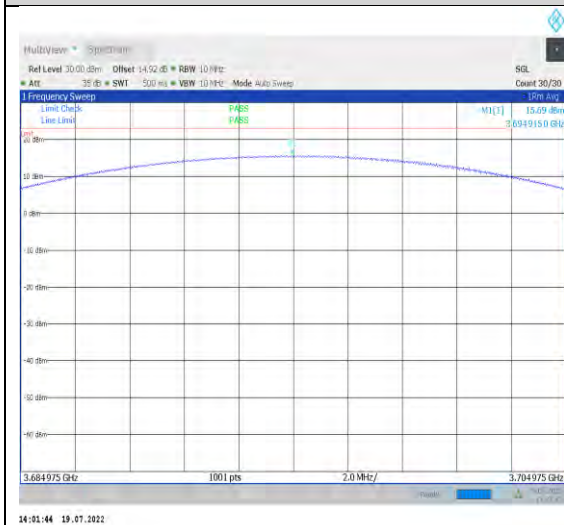
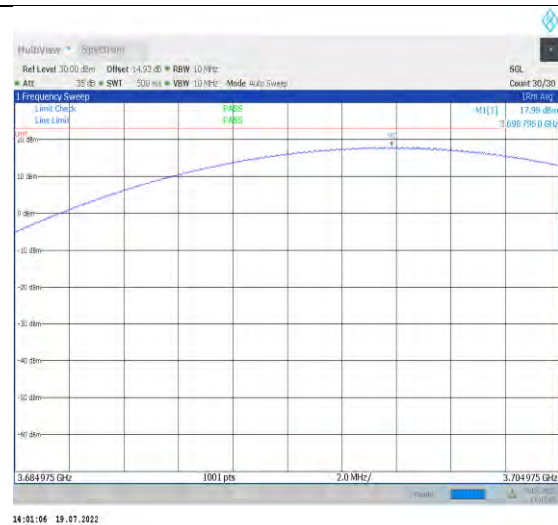
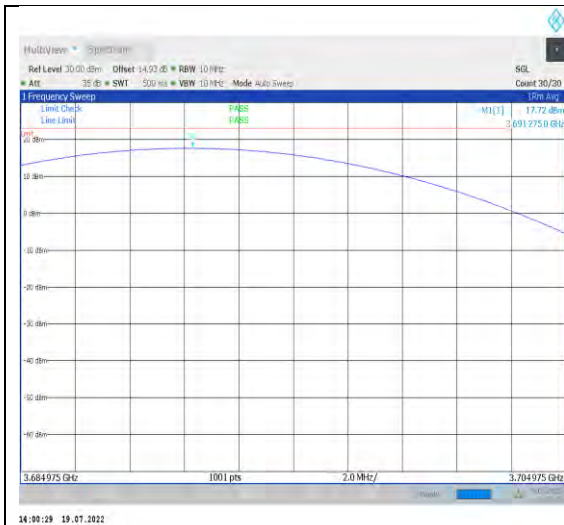
13:58:32 19.07.2022

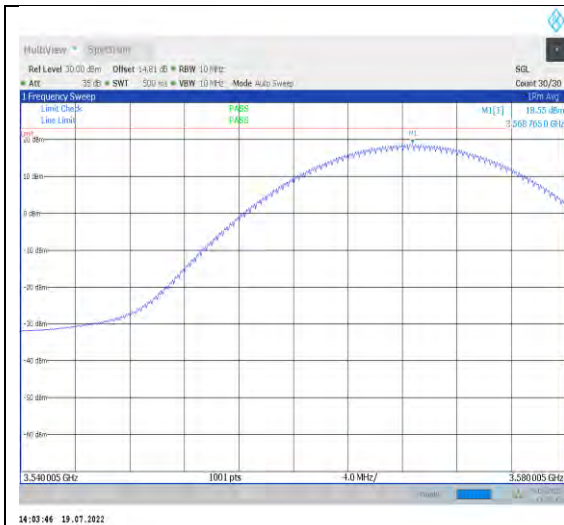
1-N48-PC2-30-10-M-2-CP-QPSK-  
Inner\_1RB\_Right-1@22-3614.985-  
3634.985-Ant2-18.31-23-PASS



13:59:09 19.07.2022

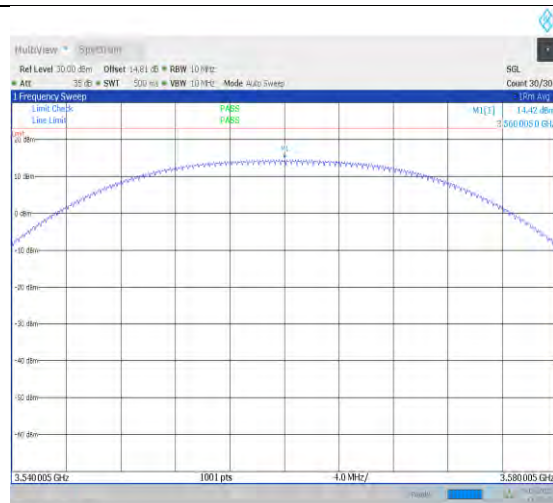
1-N48-PC2-30-10-M-3-CP-QPSK-  
Outer\_Full-24@0-3614.985-3634.985-  
Ant2-16.13-23-PASS





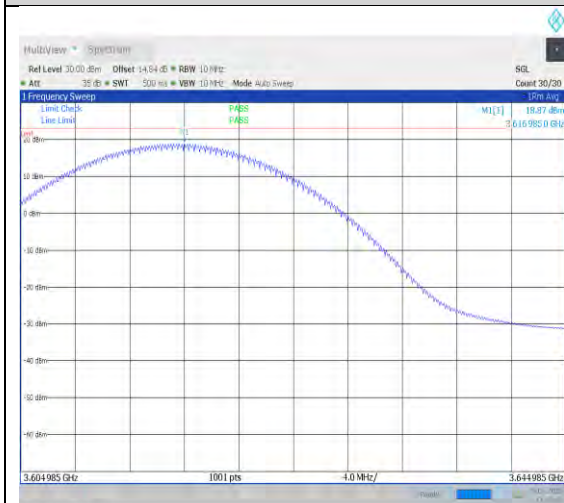
14:53:46 19.07.2022

1-N48-PC2-30-20-L-2-CP-QPSK-  
 Inner\_1RB\_Right-1@49-3540.005-  
 3580.005-Ant2-18.55-23-PASS



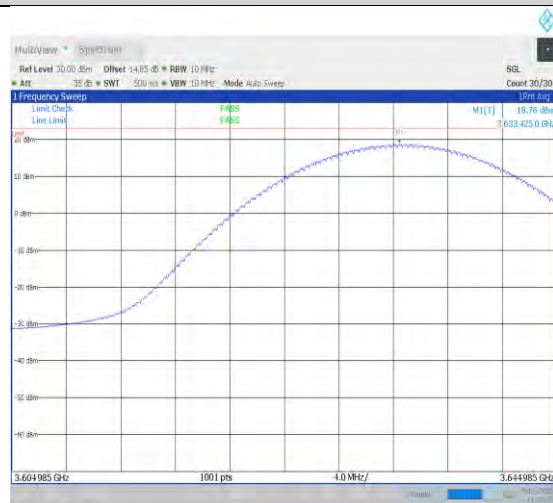
14:04:23 19.07.2022

1-N48-PC2-30-20-L-3-CP-QPSK-  
 Outer\_Full-51@0-3540.005-3580.005-  
 Ant2-14.42-23-PASS



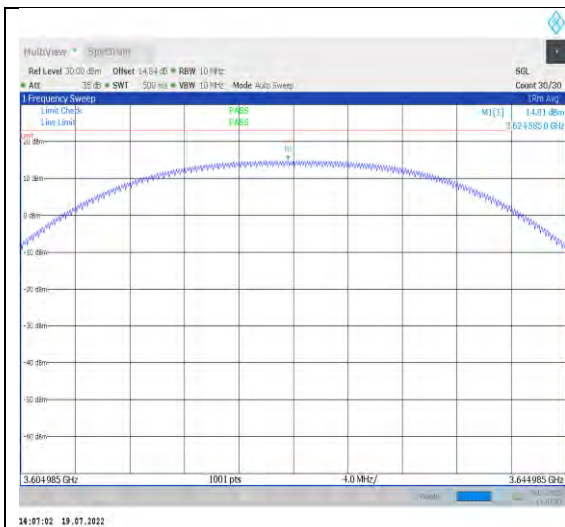
14:55:47 19.07.2022

1-N48-PC2-30-20-M-1-CP-QPSK-  
 Inner\_1RB\_Left-1@1-3604.985-  
 3644.985-Ant2-18.87-23-PASS



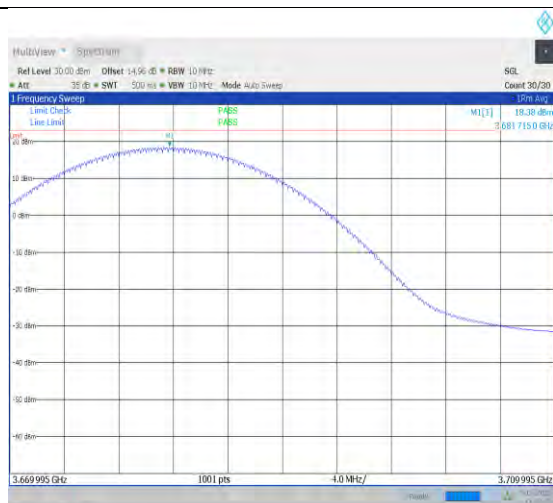
14:06:24 19.07.2022

1-N48-PC2-30-20-M-2-CP-QPSK-  
 Inner\_1RB\_Right-1@49-3604.985-  
 3644.985-Ant2-18.76-23-PASS



14:07:02 19.07.2022

1-N48-PC2-30-20-M-3-CP-QPSK-  
Outer\_Full-51@0-3604.985-3644.985-  
Ant2-14.81-23-PASS



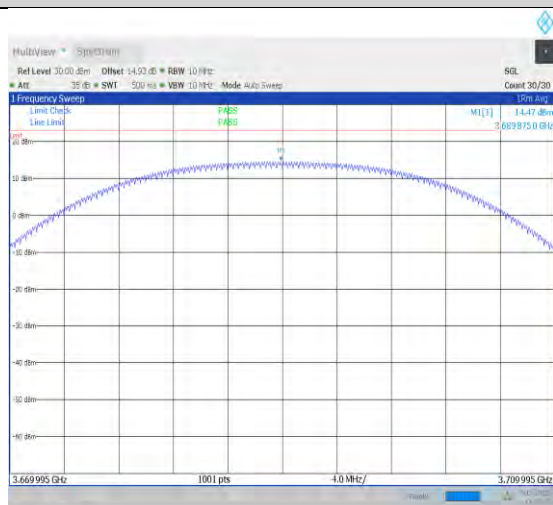
14:08:25 19.07.2022

1-N48-PC2-30-20-H-1-CP-QPSK-  
Inner\_1RB\_Left-1@1-3669.995-  
3709.995-Ant2-18.38-23-PASS



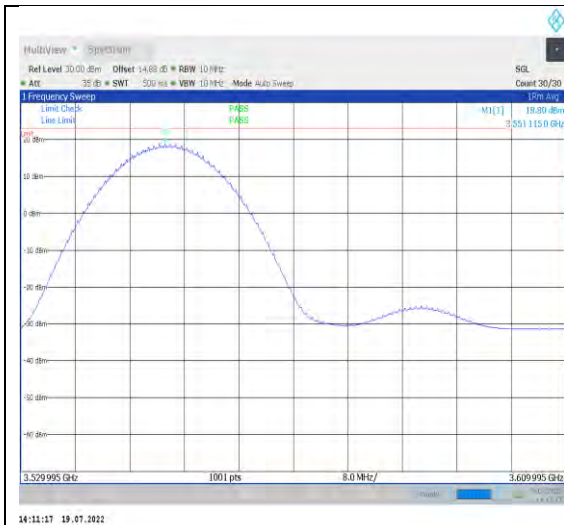
14:09:02 19.07.2022

1-N48-PC2-30-20-H-2-CP-QPSK-  
Inner\_1RB\_Right-1@49-3669.995-  
3709.995-Ant2-18.32-23-PASS

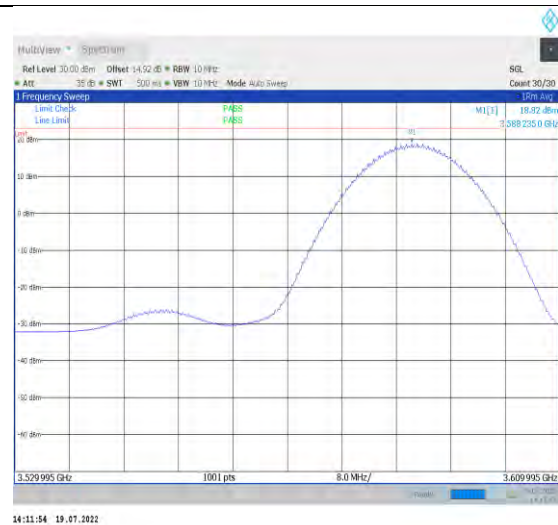


14:09:40 19.07.2022

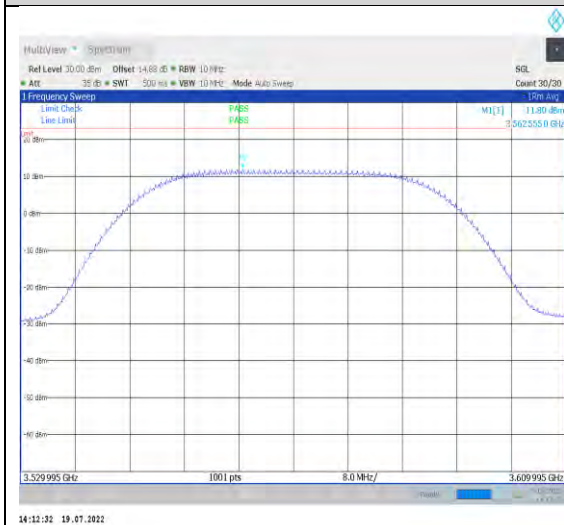
1-N48-PC2-30-20-H-3-CP-QPSK-  
Outer\_Full-51@0-3669.995-3709.995-  
Ant2-14.47-23-PASS



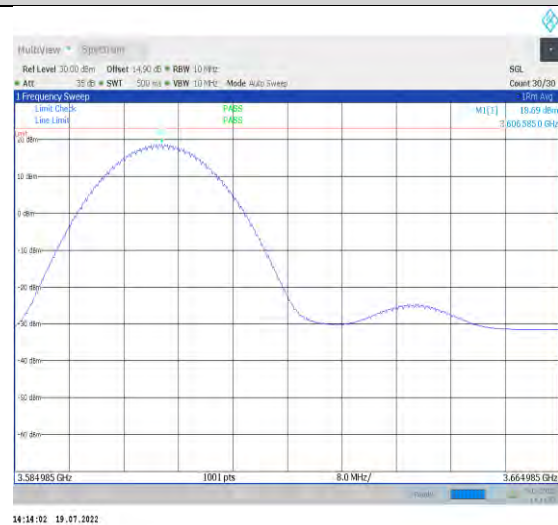
1-N48-PC2-30-40-L-1-CP-QPSK-  
Inner\_1RB\_Left-1@1-3529.995-  
3609.995-Ant2-18.80-23-PASS



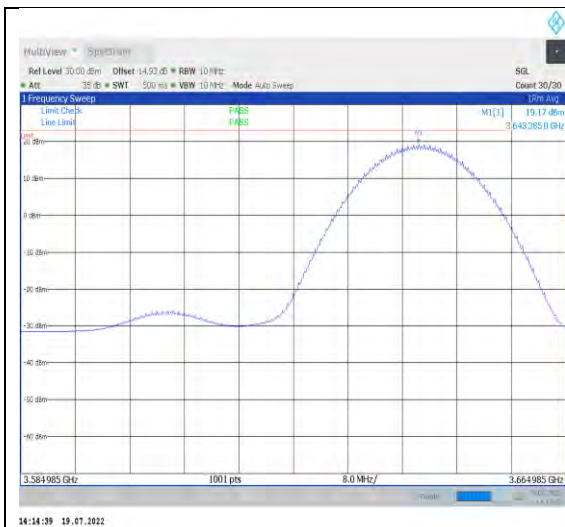
1-N48-PC2-30-40-L-2-CP-QPSK-  
Inner\_1RB\_Right-1@104-3529.995-  
3609.995-Ant2-18.82-23-PASS



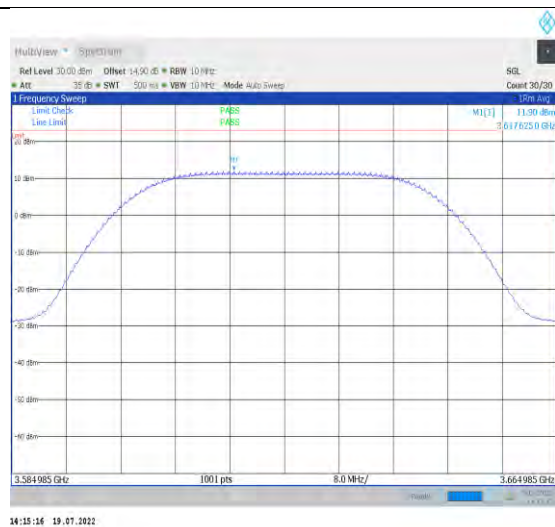
1-N48-PC2-30-40-L-3-CP-QPSK-  
Outer\_Full-106@0-3529.995-3609.995-  
Ant2-11.80-23-PASS



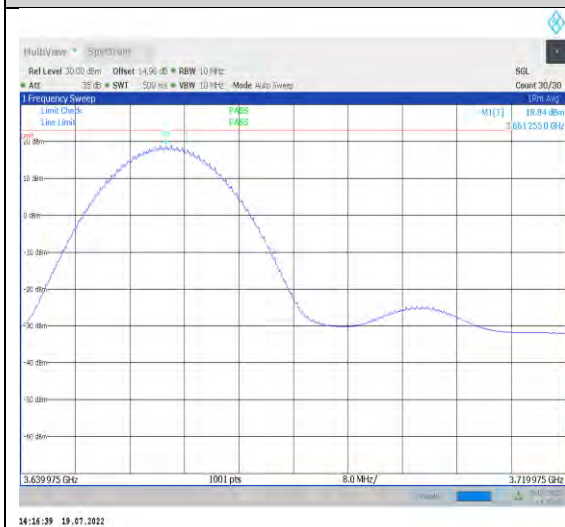
1-N48-PC2-30-40-M-1-CP-QPSK-  
Inner\_1RB\_Left-1@1-3584.985-  
3664.985-Ant2-18.69-23-PASS



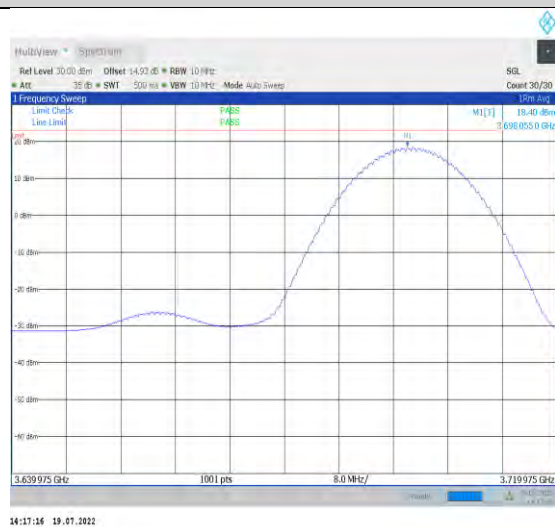
1-N48-PC2-30-40-M-2-CP-QPSK-  
 Inner\_1RB\_Right-1@104-3584.985-  
 3664.985-Ant2-19.17-23-PASS



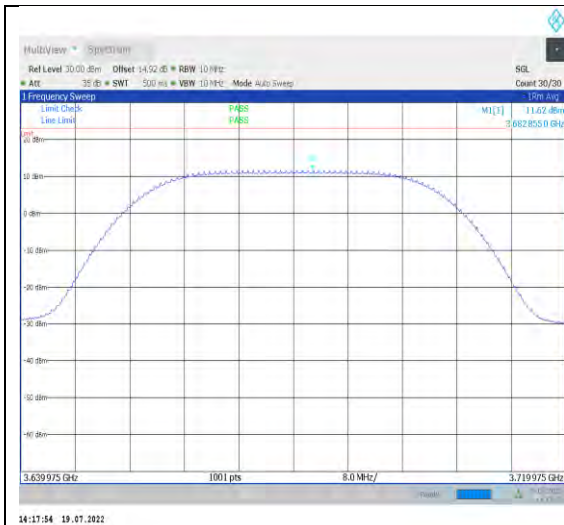
1-N48-PC2-30-40-M-3-CP-QPSK-  
 Outer\_Full-106@0-3584.985-3664.985-  
 Ant2-11.90-23-PASS



1-N48-PC2-30-40-H-1-CP-QPSK-  
 Inner\_1RB\_Left-1@1-3639.975-  
 3719.975-Ant2-18.84-23-PASS



1-N48-PC2-30-40-H-2-CP-QPSK-  
 Inner\_1RB\_Right-1@104-3639.975-  
 3719.975-Ant2-18.40-23-PASS



1-N48-PC2-30-40-H-3-CP-QPSK-  
Outer\_Full-106@0-3639.975-3719.975-  
Ant2-11.62-23-PASS