# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 15k_SISO_5MHz_NTNV_ERP

| 5G NR n13 SCS=15kHz SISO 5MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | ERP(dBm) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 779.5 | Outer_Full | 23.24 | / | / | 21.29 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.82 | / | / | 21.87 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.81 | / | / | 21.86 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 23.82 | / | / | 21.87 | / | / | <=34.77 | Pass |
| | 782 | Outer_Full | 23.21 | / | / | 21.26 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.70 | / | / | 21.75 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.85 | / | / | 21.90 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 23.72 | / | / | 21.77 | / | / | <=34.77 | Pass |
| | 784.5 | Outer_Full | 23.10 | / | / | 21.15 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.69 | / | / | 21.74 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.72 | / | / | 21.77 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 23.75 | / | / | 21.80 | / | / | <=34.77 | Pass |
| DFT-s-OFDM QPSK | 779.5 | Outer_Full | 22.72 | / | / | 20.77 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.79 | / | / | 21.84 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.75 | / | / | 21.80 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 23.69 | / | / | 21.74 | / | / | <=34.77 | Pass |
| | 782 | Outer_Full | 22.72 | / | / | 20.77 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.75 | / | / | 21.80 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.80 | / | / | 21.85 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 23.69 | / | / | 21.74 | / | / | <=34.77 | Pass |
| | 784.5 | Outer_Full | 22.56 | / | / | 20.61 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.67 | / | / | 21.72 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.61 | / | / | 21.66 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 23.65 | / | / | 21.70 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 16 QAM | 779.5 | Outer_Full | 21.68 | / | / | 19.73 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.79 | / | / | 20.84 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.52 | / | / | 20.57 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.48 | / | / | 20.53 | / | / | <=34.77 | Pass |
| | 782 | Outer_Full | 21.68 | / | / | 19.73 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.73 | / | / | 20.78 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.56 | / | / | 20.61 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.53 | / | / | 20.58 | / | / | <=34.77 | Pass |
| | 784.5 | Outer_Full | 21.55 | / | / | 19.60 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.67 | / | / | 20.72 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.49 | / | / | 20.54 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.39 | / | / | 20.44 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 64 QAM | 779.5 | Outer_Full | 21.10 | / | / | 19.15 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.24 | / | / | 19.29 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.99 | / | / | 19.04 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.99 | / | / | 19.04 | / | / | <=34.77 | Pass |
| | 782 | Outer_Full | 21.12 | / | / | 19.17 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.04 | / | / | 19.09 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.12 | / | / | 19.17 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.96 | / | / | 19.01 | / | / | <=34.77 | Pass |
| | 784.5 | Outer_Full | 20.98 | / | / | 19.03 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.10 | / | / | 19.15 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.06 | / | / | 19.11 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.04 | / | / | 19.09 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 256 | 779.5 | Outer_Full | 19.17 | / | / | 17.22 | / | / | <=34.77 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| QAM | | Inner_Full | 19.26 | / | / | 17.31 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.47 | / | / | 17.52 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.42 | / | / | 17.47 | / | / | <=34.77 | Pass |
| | 782 | Outer_Full | 19.20 | / | / | 17.25 | / | / | <=34.77 | Pass |
| | | Inner_Full | 19.16 | / | / | 17.21 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.55 | / | / | 17.60 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.43 | / | / | 17.48 | / | / | <=34.77 | Pass |
| | 784.5 | Outer_Full | 19.07 | / | / | 17.12 | / | / | <=34.77 | Pass |
| | | Inner_Full | 19.07 | / | / | 17.12 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.42 | / | / | 17.47 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.50 | / | / | 17.55 | / | / | <=34.77 | Pass |
| CP-OFDM QPSK | 779.5 | Outer_Full | 20.65 | / | / | 18.70 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.33 | / | / | 20.38 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.16 | / | / | 20.21 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.12 | / | / | 20.17 | / | / | <=34.77 | Pass |
| | 782 | Outer_Full | 20.69 | / | / | 18.74 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.29 | / | / | 20.34 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.16 | / | / | 20.21 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.22 | / | / | 20.27 | / | / | <=34.77 | Pass |
| | 784.5 | Outer_Full | 20.51 | / | / | 18.56 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.19 | / | / | 20.24 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.18 | / | / | 20.23 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.17 | / | / | 20.22 | / | / | <=34.77 | Pass |
| CP-OFDM 16 QAM | 779.5 | Outer_Full | 20.73 | / | / | 18.78 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.01 | / | / | 20.06 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.72 | / | / | 19.77 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.63 | / | / | 19.68 | / | / | <=34.77 | Pass |
| | 782 | Outer_Full | 20.65 | / | / | 18.70 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.95 | / | / | 20.00 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.36 | / | / | 19.41 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.31 | / | / | 19.36 | / | / | <=34.77 | Pass |
| | 784.5 | Outer_Full | 20.53 | / | / | 18.58 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.87 | / | / | 19.92 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.29 | / | / | 19.34 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.29 | / | / | 19.34 | / | / | <=34.77 | Pass |
| CP-OFDM 64 QAM | 779.5 | Outer_Full | 20.14 | / | / | 18.19 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.42 | / | / | 18.47 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.19 | / | / | 18.24 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.12 | / | / | 18.17 | / | / | <=34.77 | Pass |
| | 782 | Outer_Full | 20.12 | / | / | 18.17 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.27 | / | / | 18.32 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.16 | / | / | 18.21 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.11 | / | / | 18.16 | / | / | <=34.77 | Pass |
| | 784.5 | Outer_Full | 19.99 | / | / | 18.04 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.21 | / | / | 18.26 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.24 | / | / | 18.29 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.03 | / | / | 18.08 | / | / | <=34.77 | Pass |
| CP-OFDM 256 QAM | 779.5 | Outer_Full | 17.33 | / | / | 15.38 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.20 | / | / | 15.25 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.62 | / | / | 15.67 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.58 | / | / | 15.63 | / | / | <=34.77 | Pass |
| | 782 | Outer_Full | 17.35 | / | / | 15.40 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.12 | / | / | 15.17 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.59 | / | / | 15.64 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.56 | / | / | 15.61 | / | / | <=34.77 | Pass |
| | 784.5 | Outer_Full | 17.15 | / | / | 15.20 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.06 | / | / | 15.11 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.52 | / | / | 15.57 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.58 | / | / | 15.63 | / | / | <=34.77 | Pass |

Note1: Antenna Gain: Ant1: 0.20dBi;
Note2: ERP=Conducted Power+Antenna Gain-2.15

### 1.1.2 15k_SISO_10MHz_NTNV_ERP

| 5G NR n13 SCS=15kHz SISO 10MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | ERP(dBm) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 782 | Outer_Full | 23.28 | / | / | 21.33 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.71 | / | / | 21.76 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.85 | / | / | 21.90 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 23.69 | / | / | 21.74 | / | / | <=34.77 | Pass |
| DFT-s-OFDM QPSK | 782 | Outer_Full | 22.71 | / | / | 20.76 | / | / | <=34.77 | Pass |
| | | Inner_Full | 23.67 | / | / | 21.72 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 23.75 | / | / | 21.80 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 23.68 | / | / | 21.73 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 16 QAM | 782 | Outer_Full | 21.72 | / | / | 19.77 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.67 | / | / | 20.72 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.56 | / | / | 20.61 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.49 | / | / | 20.54 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 64 QAM | 782 | Outer_Full | 21.20 | / | / | 19.25 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.09 | / | / | 19.14 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.14 | / | / | 19.19 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.02 | / | / | 19.07 | / | / | <=34.77 | Pass |
| DFT-s-OFDM 256 QAM | 782 | Outer_Full | 19.08 | / | / | 17.13 | / | / | <=34.77 | Pass |
| | | Inner_Full | 19.17 | / | / | 17.22 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 19.56 | / | / | 17.61 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 19.44 | / | / | 17.49 | / | / | <=34.77 | Pass |
| CP-OFDM QPSK | 782 | Outer_Full | 20.68 | / | / | 18.73 | / | / | <=34.77 | Pass |
| | | Inner_Full | 22.22 | / | / | 20.27 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 22.26 | / | / | 20.31 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 22.21 | / | / | 20.26 | / | / | <=34.77 | Pass |
| CP-OFDM 16 QAM | 782 | Outer_Full | 20.70 | / | / | 18.75 | / | / | <=34.77 | Pass |
| | | Inner_Full | 21.84 | / | / | 19.89 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 21.47 | / | / | 19.52 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 21.32 | / | / | 19.37 | / | / | <=34.77 | Pass |
| CP-OFDM 64 QAM | 782 | Outer_Full | 20.25 | / | / | 18.30 | / | / | <=34.77 | Pass |
| | | Inner_Full | 20.23 | / | / | 18.28 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 20.12 | / | / | 18.17 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 20.17 | / | / | 18.22 | / | / | <=34.77 | Pass |
| CP-OFDM 256 QAM | 782 | Outer_Full | 17.28 | / | / | 15.33 | / | / | <=34.77 | Pass |
| | | Inner_Full | 17.26 | / | / | 15.31 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Left | 17.70 | / | / | 15.75 | / | / | <=34.77 | Pass |
| | | Inner_1RB_Right | 17.60 | / | / | 15.65 | / | / | <=34.77 | Pass |

Note1: Antenna Gain: Ant1: 0.20dBi;
Note2: ERP=Conducted Power+Antenna Gain-2.15

# 2. Frequency Stability

## 2.1 Test Result

### 2.1.1 15k_SISO_10MHz

| 5G NR n13 SCS=15kHz SISO 10MHz | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency | RB | Temp. | Volt. | Freq. Error | Freq. vs. rated (ppm) | Verdict |

| | (MHz) | Allocation | (°C) | | (Hz) | Result | Limit | |
|---|---|---|---|---|---|---|---|---|
| DFT-s-OFDM PI/2 BPSK | 782 | Outer_Full | 20 | LV | -6.60 | -0.0084 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.50 | -0.0096 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.20 | -0.0054 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.50 | -0.0083 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.20 | -0.0092 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.00 | -0.0090 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.50 | -0.0070 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.00 | -0.0077 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.40 | -0.0056 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.30 | -0.0055 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.50 | -0.0083 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 782 | Outer_Full | 20 | LV | -1.60 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -0.60 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.50 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.50 | -0.0045 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.10 | -0.0052 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.60 | -0.0033 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.80 | -0.0049 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.90 | -0.0063 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.50 | -0.0045 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -1.90 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.60 | -0.0059 | >=-2.5 & <=2.5 | Pass |

# 3. 99% & 26dB Bandwidth

## 3.1 Test Result

### 3.1.1 15k_SISO_5MHz_NTNV

| 5G NR n13 SCS=15kHz SISO 5MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 779.5 | Outer_Full | 4.54 | 4.96 | / | Pass |
| | 782 | Outer_Full | 4.55 | 4.98 | / | Pass |
| | 784.5 | Outer_Full | 4.55 | 4.98 | / | Pass |
| DFT-s-OFDM QPSK | 779.5 | Outer_Full | 4.50 | 4.94 | / | Pass |
| | 782 | Outer_Full | 4.52 | 4.99 | / | Pass |
| | 784.5 | Outer_Full | 4.50 | 4.96 | / | Pass |
| DFT-s-OFDM 16 QAM | 779.5 | Outer_Full | 4.50 | 4.97 | / | Pass |
| | 782 | Outer_Full | 4.52 | 5.00 | / | Pass |
| | 784.5 | Outer_Full | 4.51 | 4.96 | / | Pass |
| DFT-s-OFDM 64 QAM | 779.5 | Outer_Full | 4.53 | 4.99 | / | Pass |
| | 782 | Outer_Full | 4.54 | 4.99 | / | Pass |
| | 784.5 | Outer_Full | 4.53 | 5.00 | / | Pass |
| DFT-s-OFDM 256 QAM | 779.5 | Outer_Full | 4.52 | 4.99 | / | Pass |
| | 782 | Outer_Full | 4.55 | 5.02 | / | Pass |
| | 784.5 | Outer_Full | 4.54 | 4.98 | / | Pass |
| CP-OFDM QPSK | 779.5 | Outer_Full | 4.53 | 4.99 | / | Pass |
| | 782 | Outer_Full | 4.53 | 4.95 | / | Pass |
| | 784.5 | Outer_Full | 4.52 | 4.97 | / | Pass |
| CP-OFDM 16 QAM | 779.5 | Outer_Full | 4.51 | 4.98 | / | Pass |
| | 782 | Outer_Full | 4.53 | 4.99 | / | Pass |
| | 784.5 | Outer_Full | 4.51 | 4.96 | / | Pass |
| CP-OFDM 64 QAM | 779.5 | Outer_Full | 4.52 | 4.96 | / | Pass |
| | 782 | Outer_Full | 4.55 | 4.99 | / | Pass |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 784.5 | Outer_Full | 4.54 | 4.99 | / | Pass |
| CP-OFDM 256 QAM | 779.5 | Outer_Full | 4.50 | 4.99 | / | Pass |
| | 782 | Outer_Full | 4.54 | 4.97 | / | Pass |
| | 784.5 | Outer_Full | 4.52 | 5.01 | / | Pass |

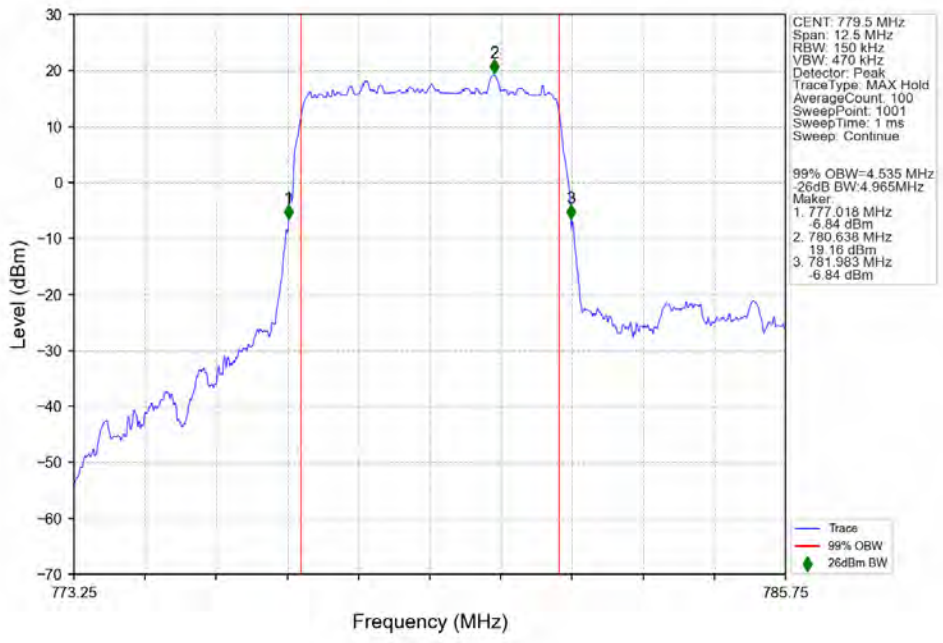
## 3.1.2 15k_SISO_10MHz_NTNV

| 5G NR n13 SCS=15kHz SISO 10MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 782 | Outer_Full | 9.09 | 9.74 | / | Pass |
| DFT-s-OFDM QPSK | 782 | Outer_Full | 9.01 | 9.71 | / | Pass |
| DFT-s-OFDM 16 QAM | 782 | Outer_Full | 9.07 | 9.71 | / | Pass |
| DFT-s-OFDM 64 QAM | 782 | Outer_Full | 9.03 | 9.72 | / | Pass |
| DFT-s-OFDM 256 QAM | 782 | Outer_Full | 9.04 | 9.73 | / | Pass |
| CP-OFDM QPSK | 782 | Outer_Full | 9.37 | 10.08 | / | Pass |
| CP-OFDM 16 QAM | 782 | Outer_Full | 9.37 | 10.05 | / | Pass |
| CP-OFDM 64 QAM | 782 | Outer_Full | 9.35 | 10.07 | / | Pass |
| CP-OFDM 256 QAM | 782 | Outer_Full | 9.38 | 10.06 | / | Pass |

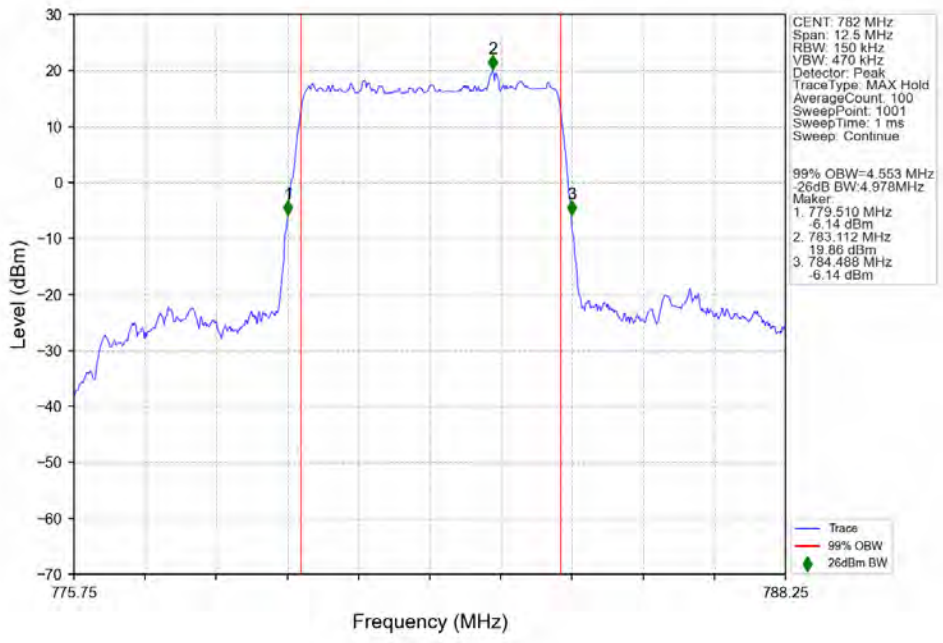
## 3.2 Test Graph

### 3.2.1 15k_SISO_5MHz_NTNV

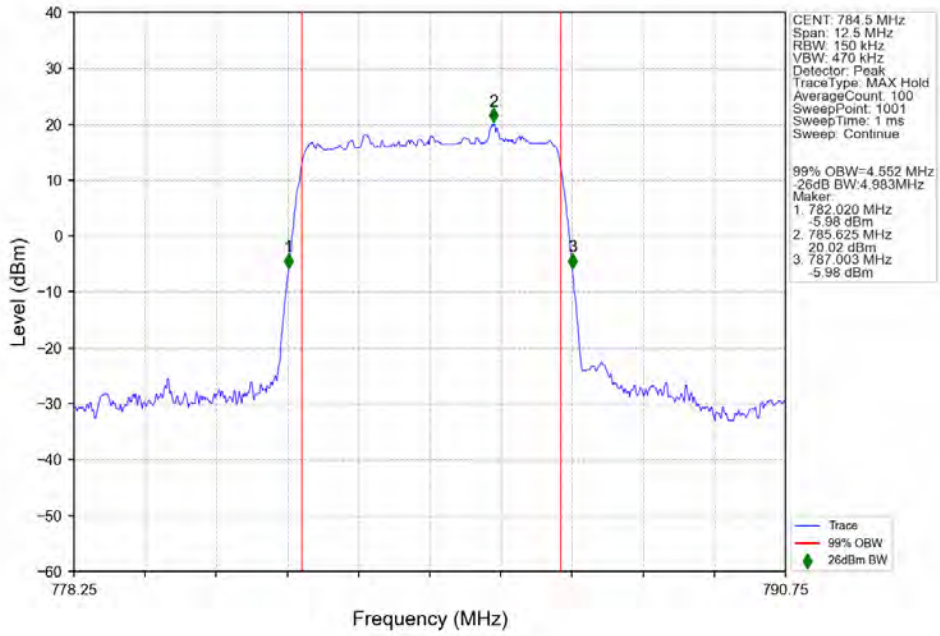
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_779.5MHz_Outer_Full_Ant1



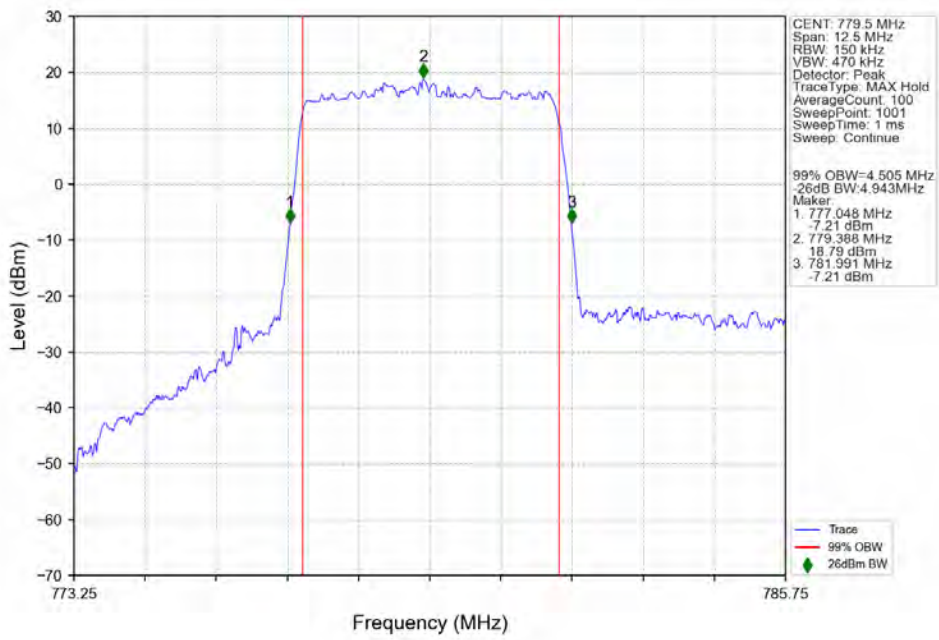

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_782MHz_Outer_Full_Ant1



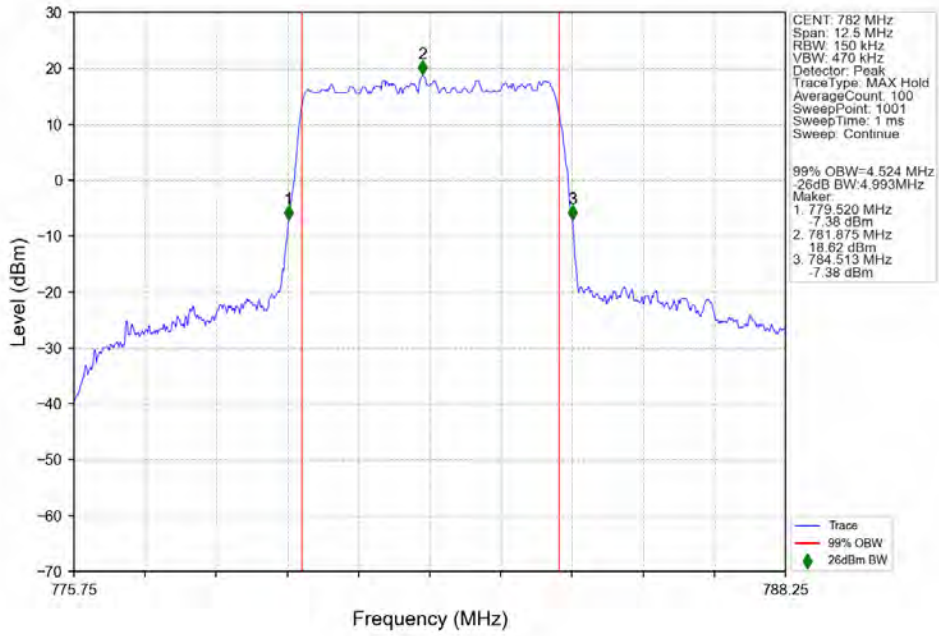
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_784.5MHz_Outer_Full_Ant1



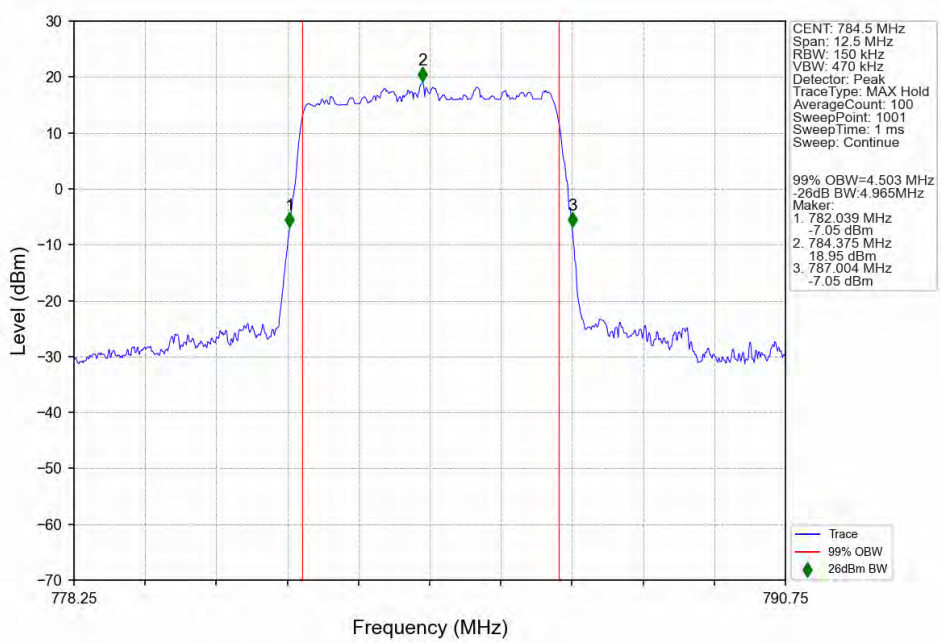

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_779.5MHz_Outer_Full_Ant1



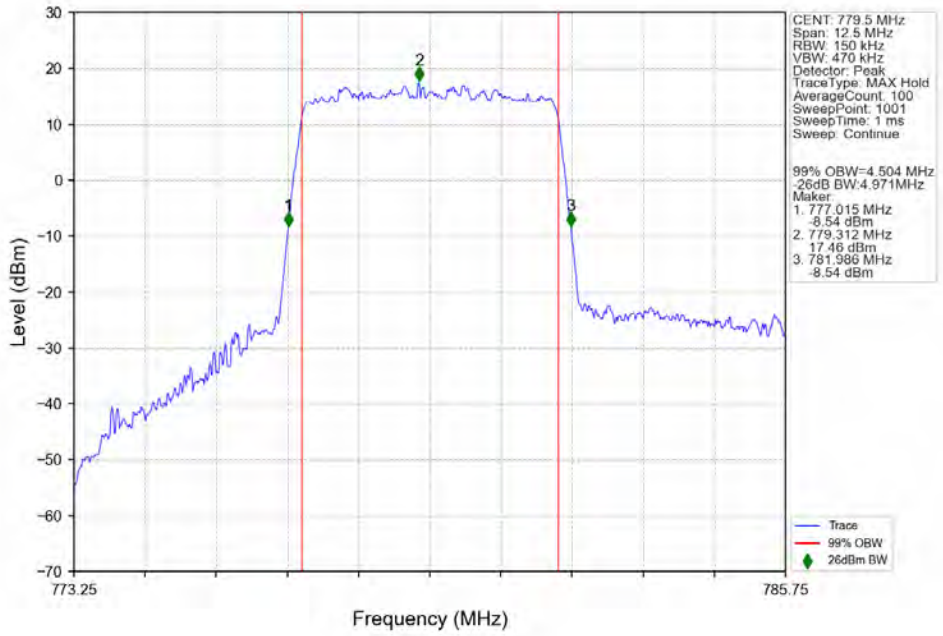
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_782MHz_Outer_Full_Ant1



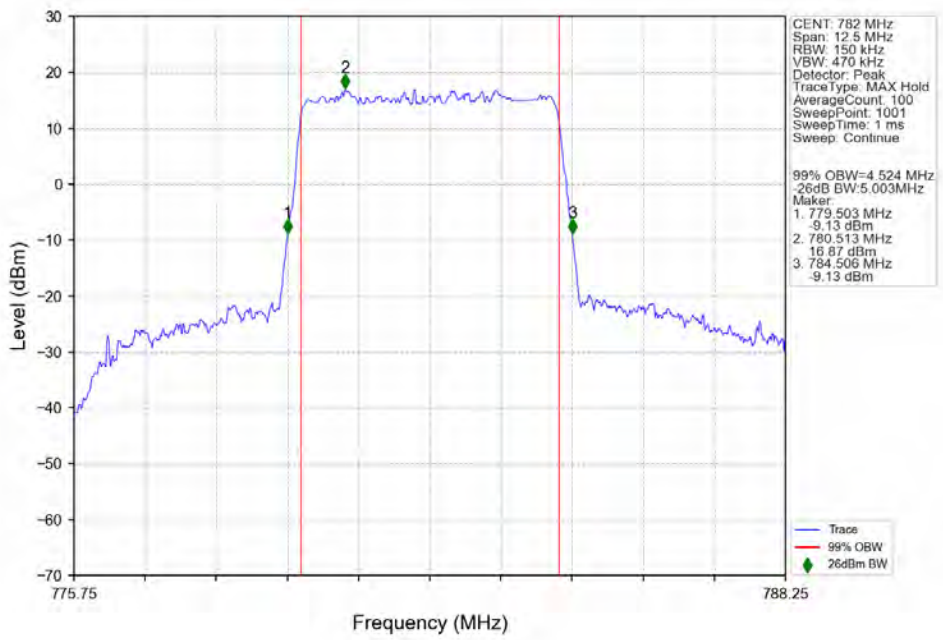

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_784.5MHz_Outer_Full_Ant1



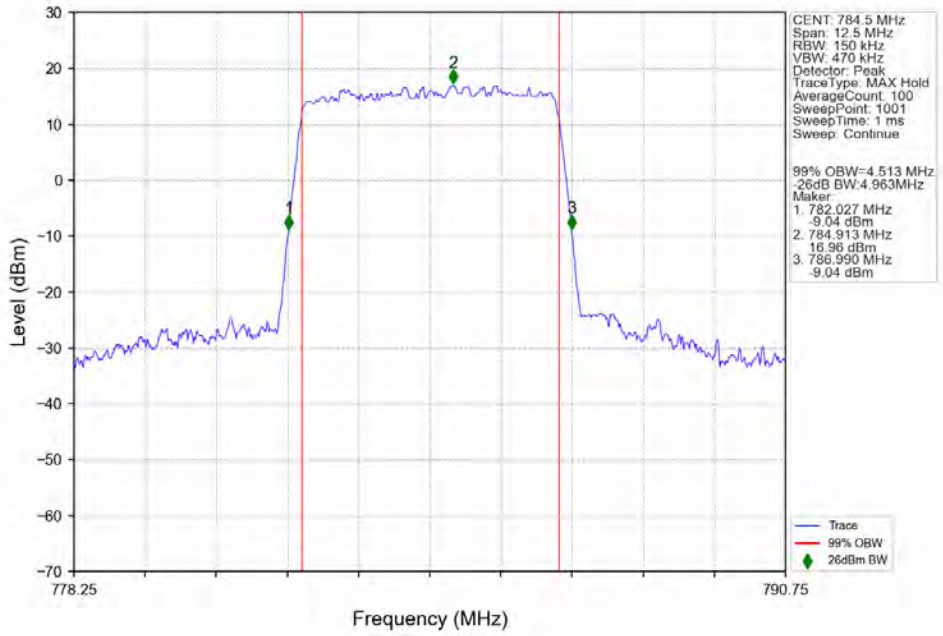
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_779.5MHz_Outer_Full_Ant1



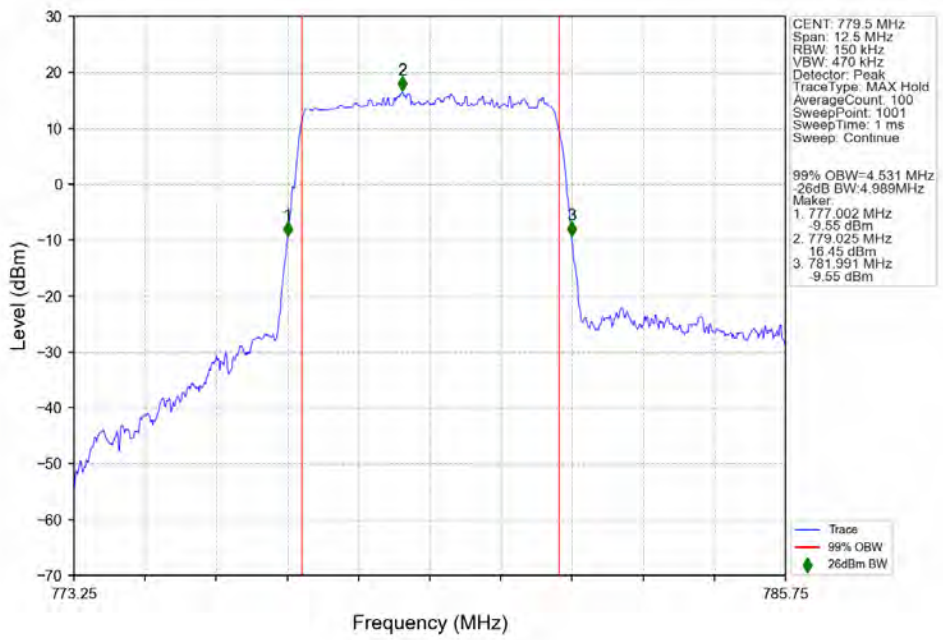

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_782MHz_Outer_Full_Ant1



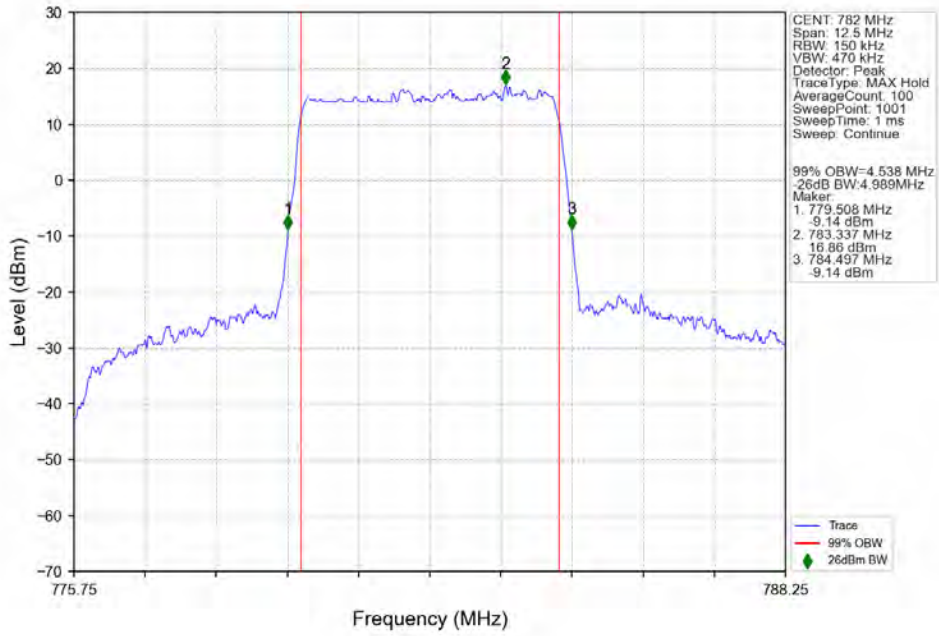
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_784.5MHz_Outer_Full_Ant1



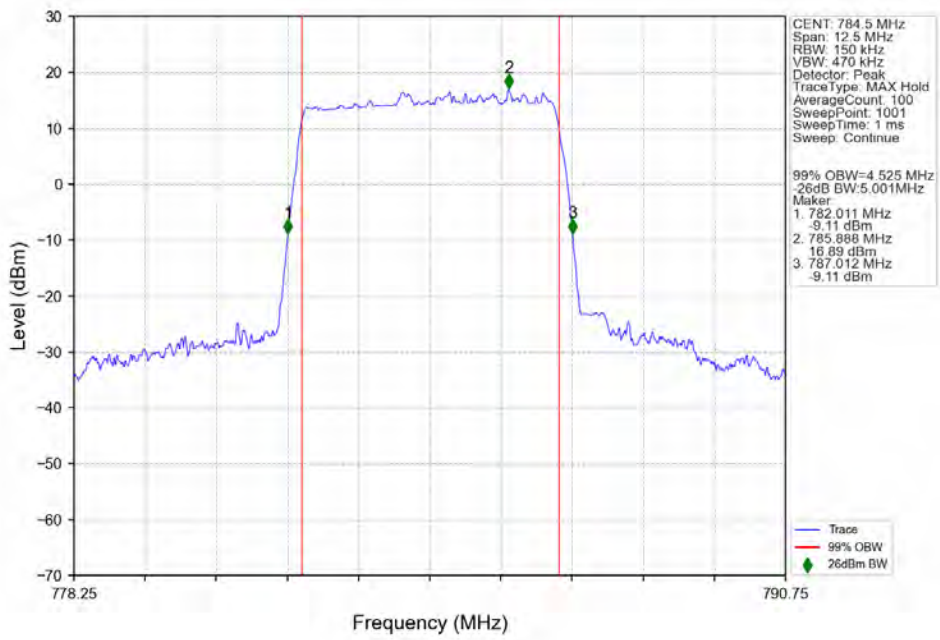

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_779.5MHz_Outer_Full_Ant1



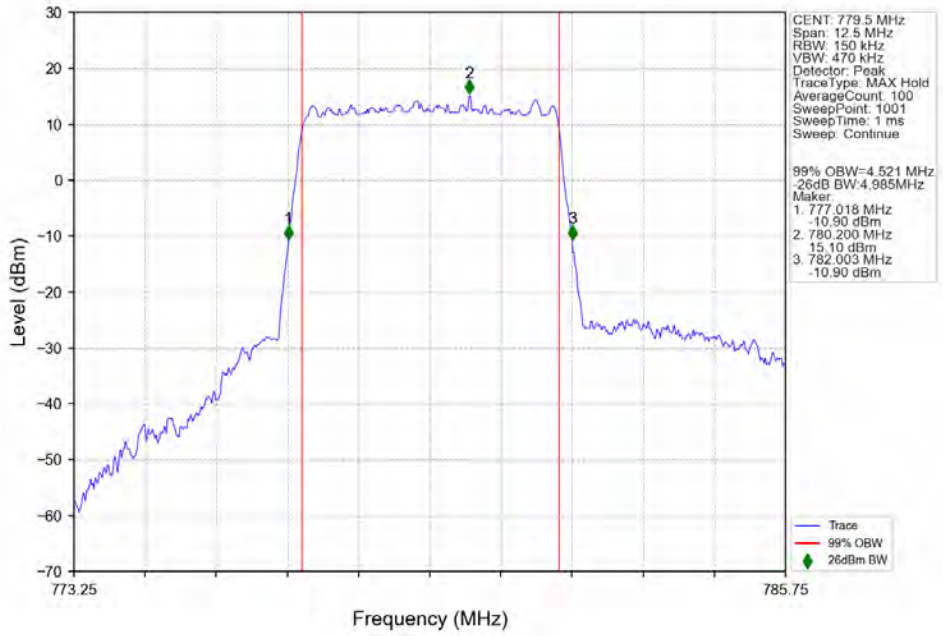
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_782MHz_Outer_Full_Ant1



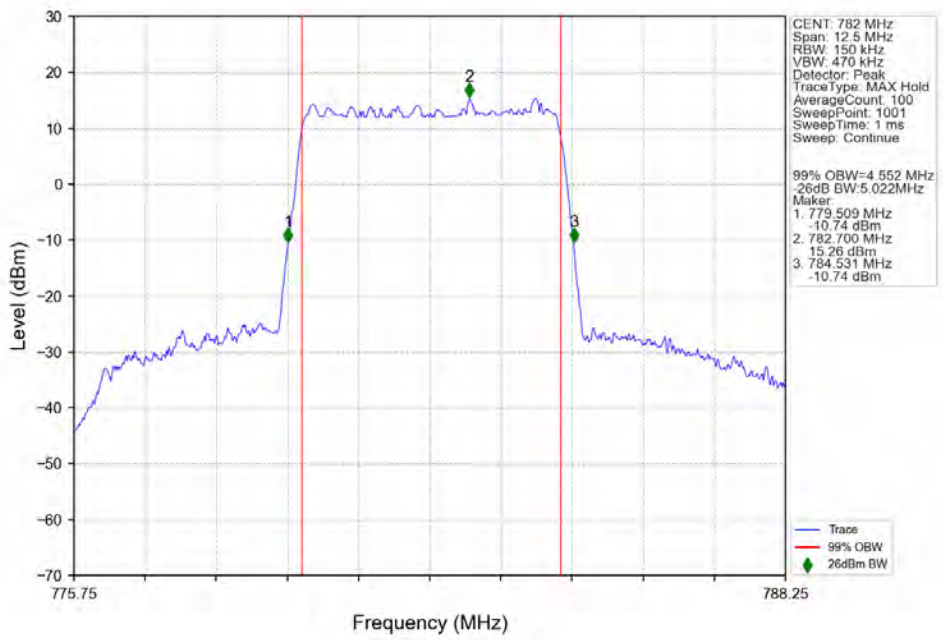

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_784.5MHz_Outer_Full_Ant1



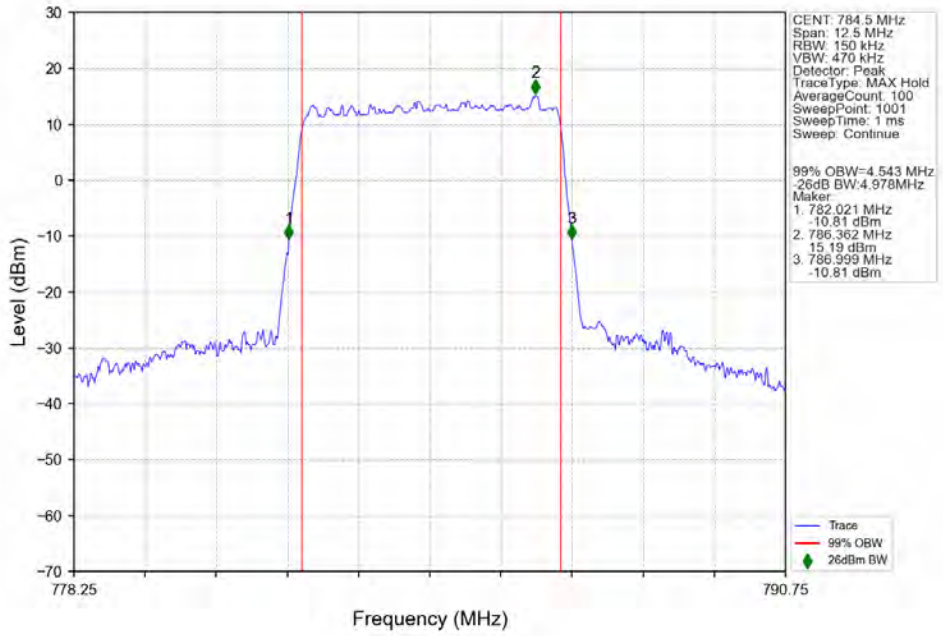
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_779.5MHz_Outer_Full_Ant1



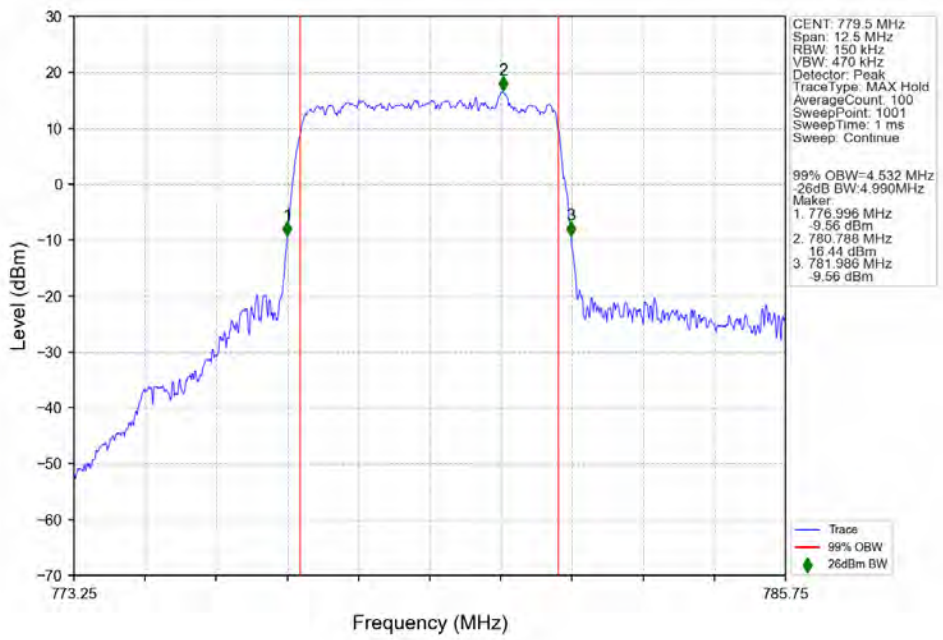

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_782MHz_Outer_Full_Ant1



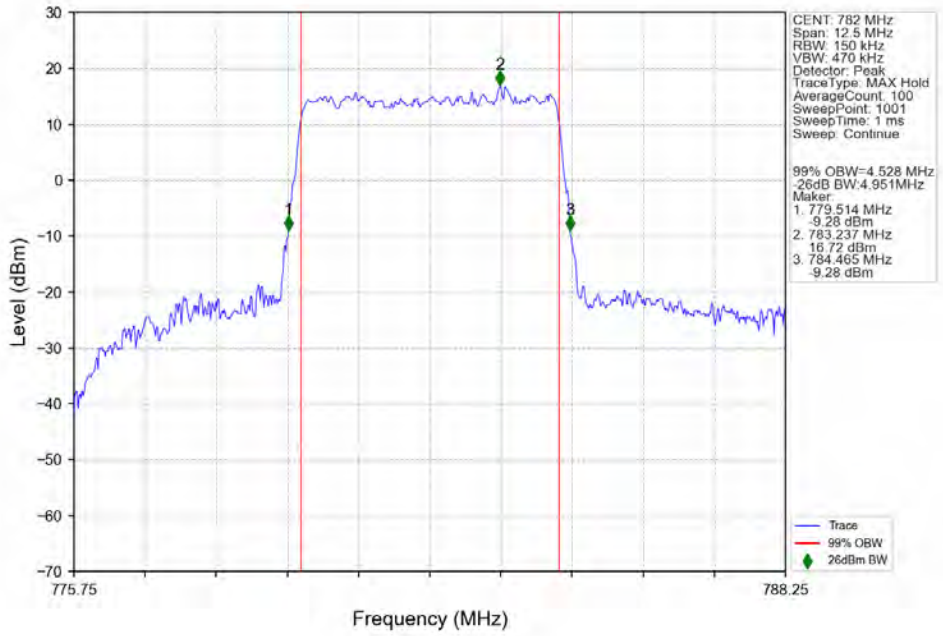
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_784.5MHz_Outer_Full_Ant1



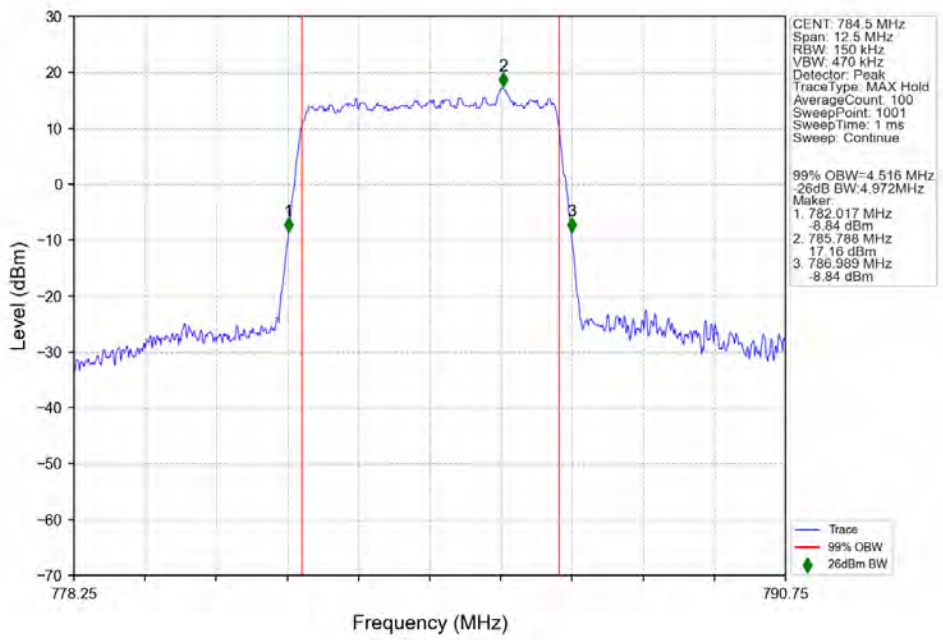

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_779.5MHz_Outer_Full_Ant1



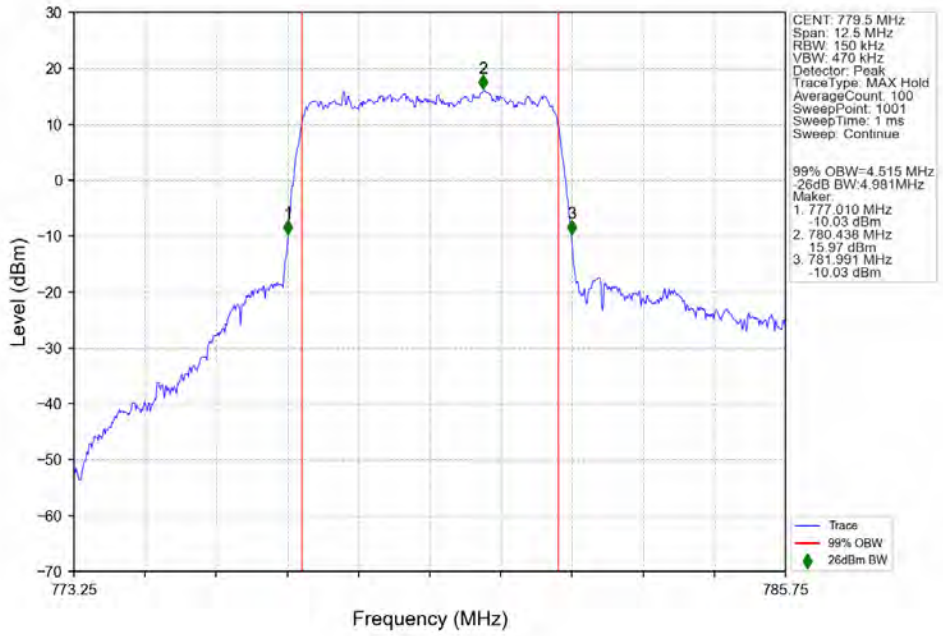
n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_782MHz_Outer_Full_Ant1



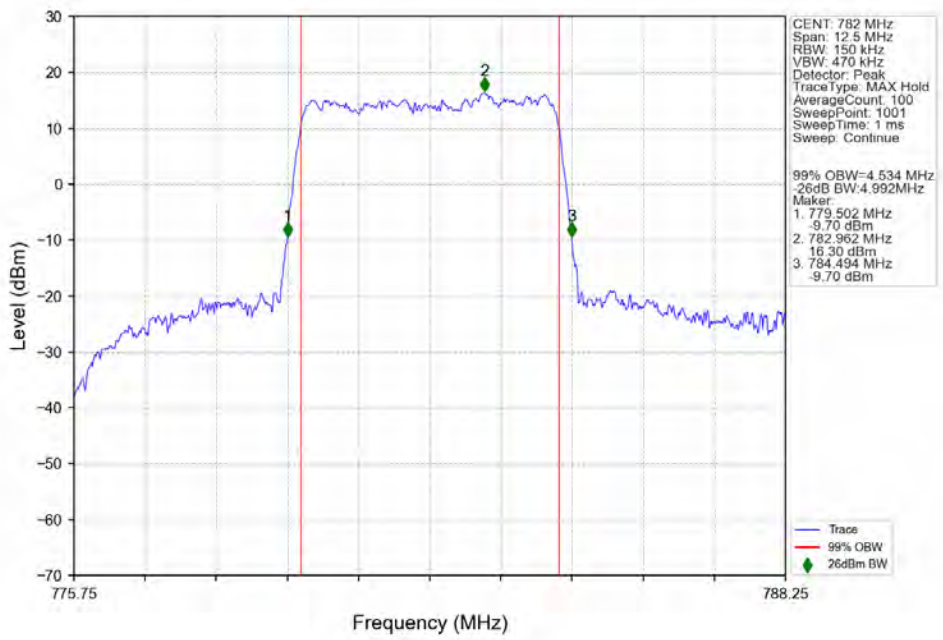

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_784.5MHz_Outer_Full_Ant1



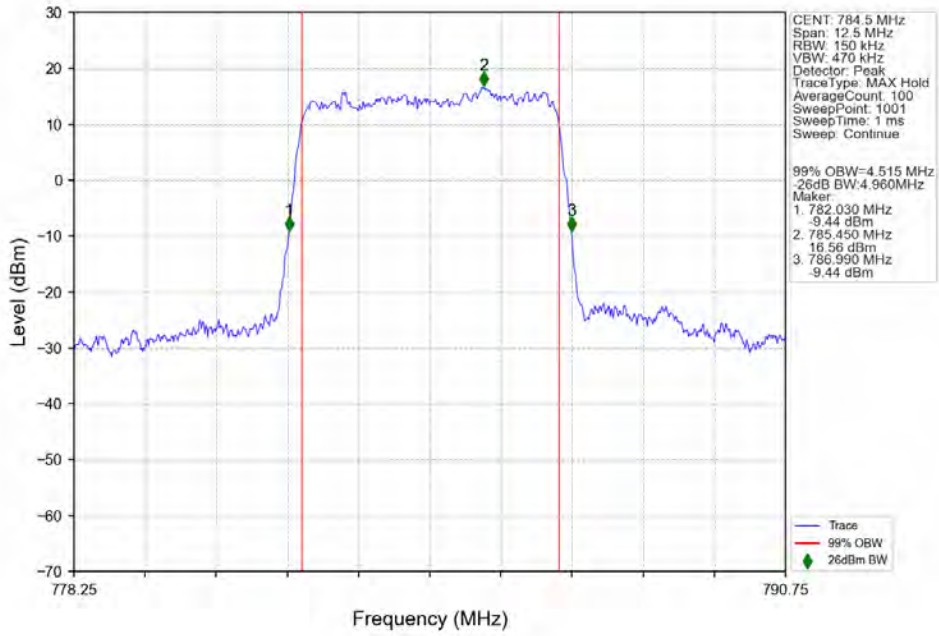
n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_779.5MHz_Outer_Full_Ant1



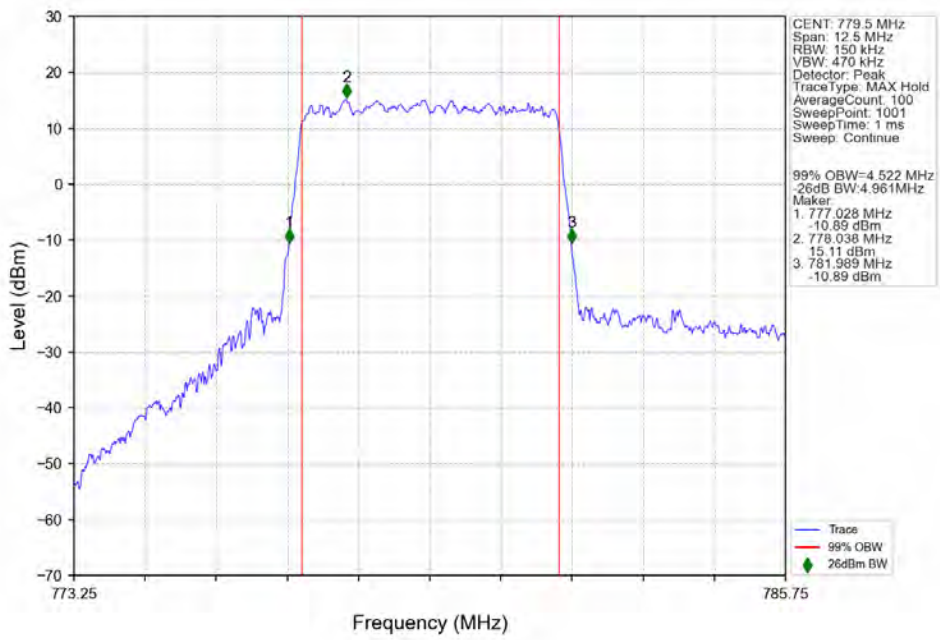

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_782MHz_Outer_Full_Ant1



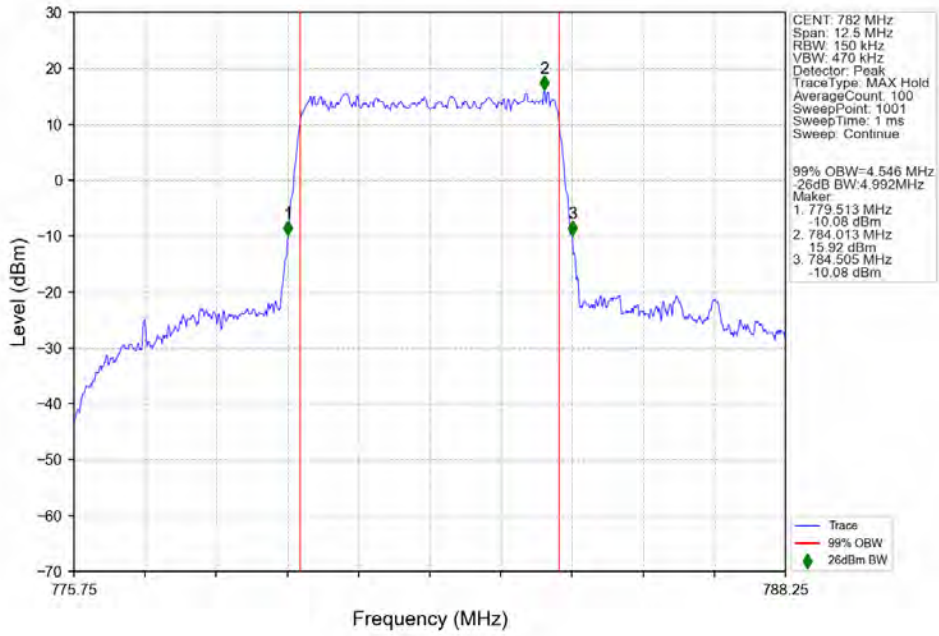
n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_784.5MHz_Outer_Full_Ant1



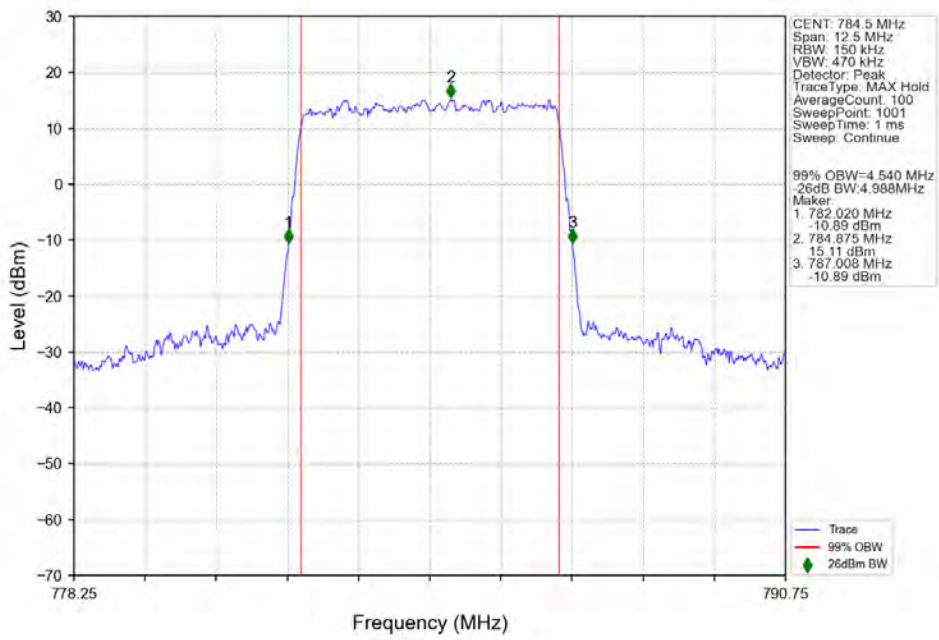

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_779.5MHz_Outer_Full_Ant1



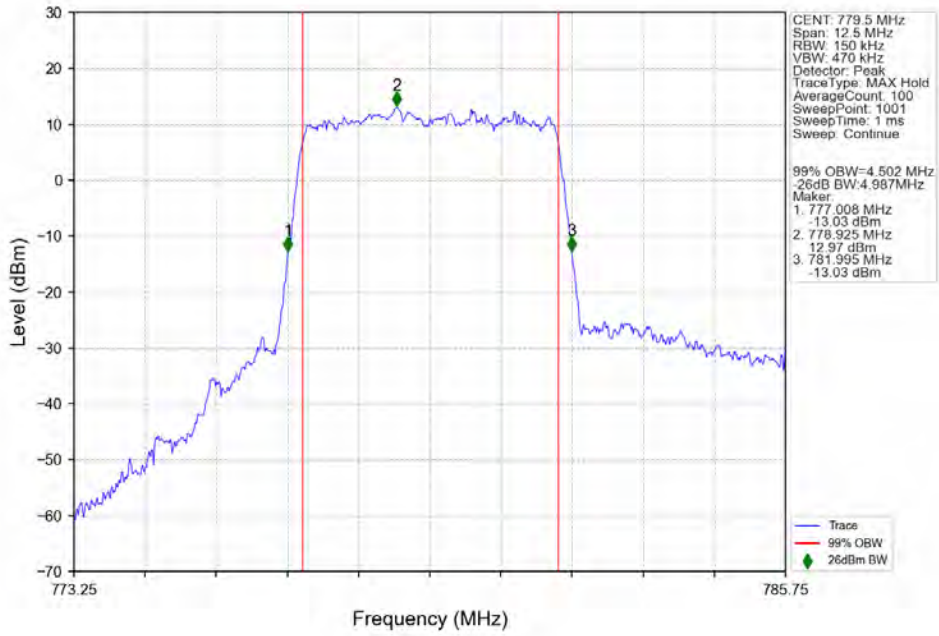
n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_782MHz_Outer_Full_Ant1



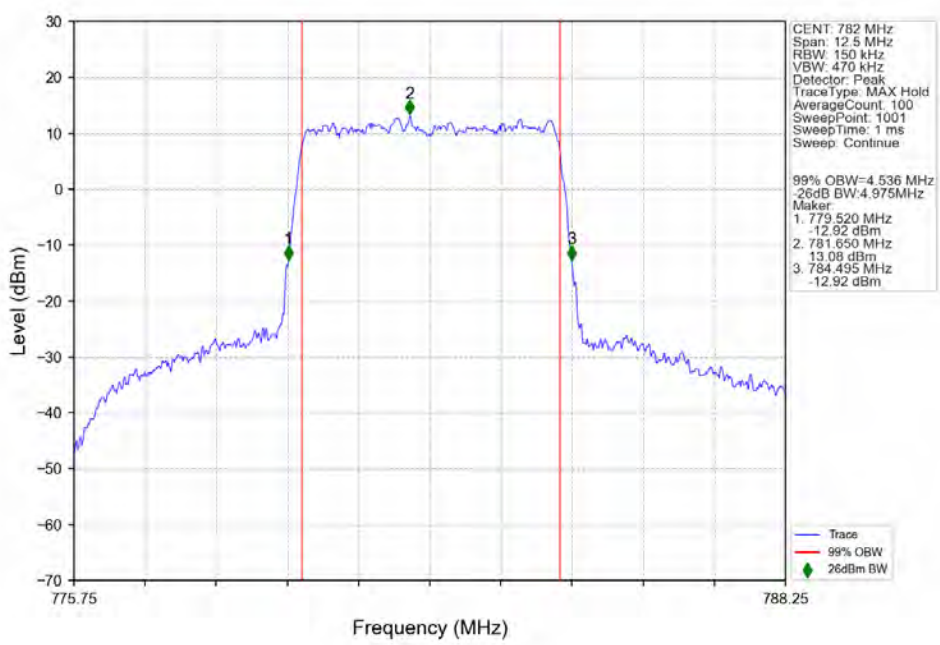

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_784.5MHz_Outer_Full_Ant1



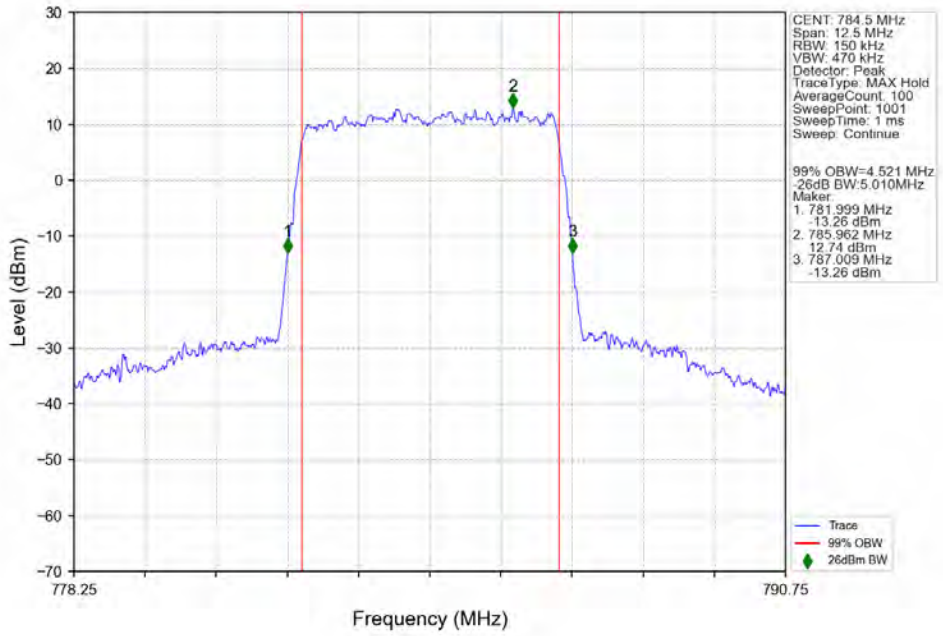
n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_779.5MHz_Outer_Full_Ant1




n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_782MHz_Outer_Full_Ant1

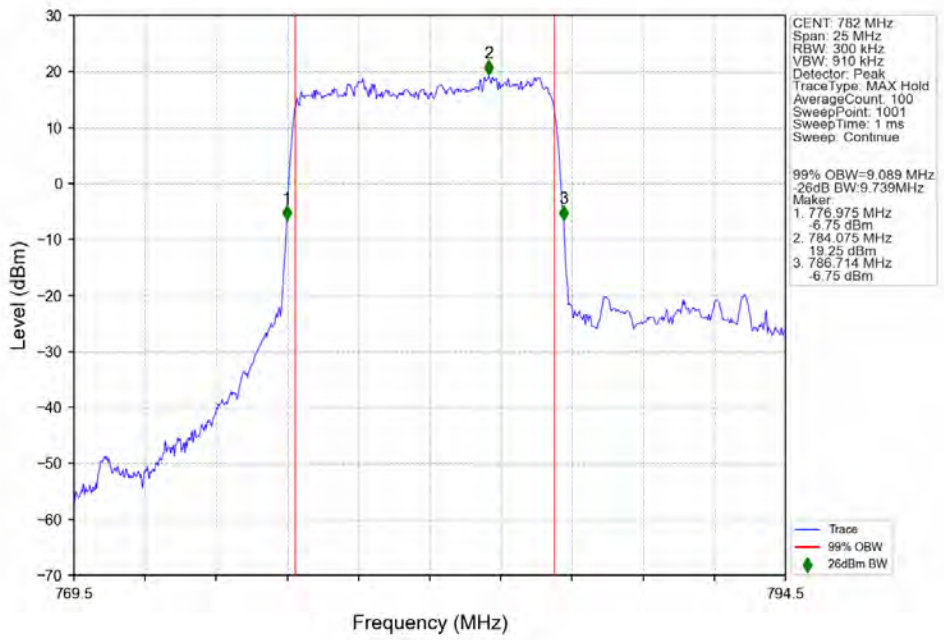


n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_784.5MHz_Outer_Full_Ant1

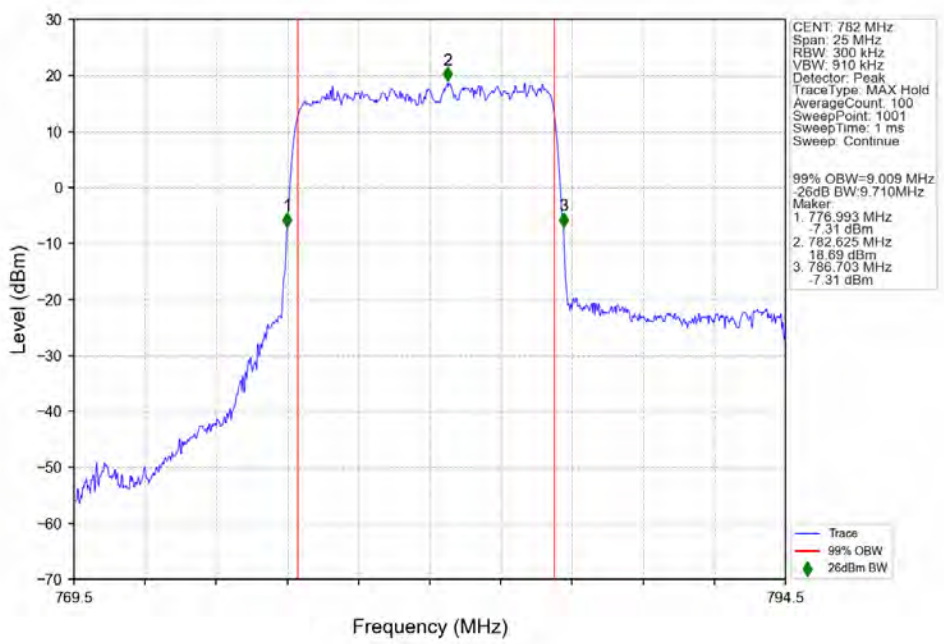


## 3.2.2 15k_SISO_10MHz_NTNV

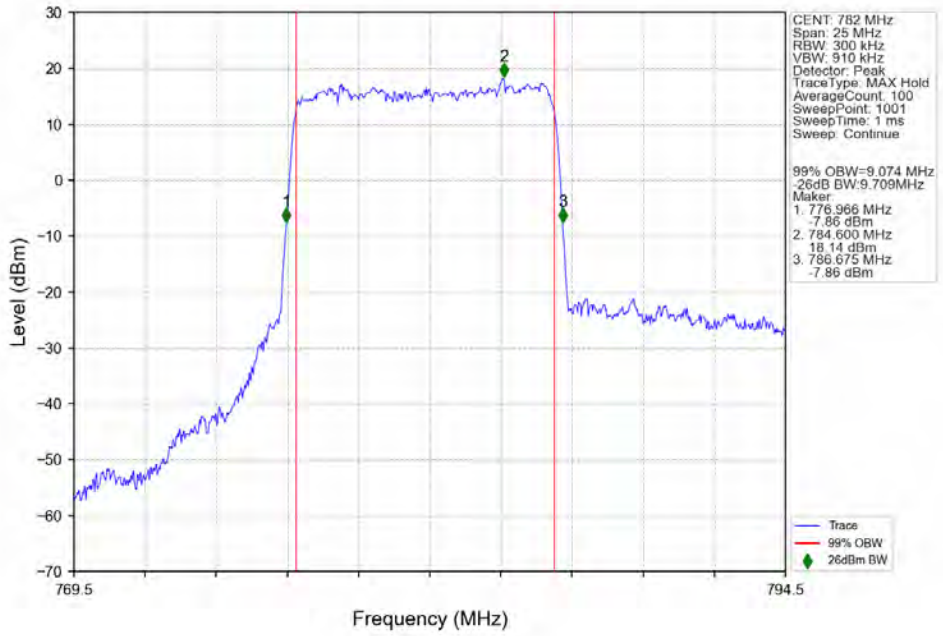
n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_782MHz_Outer_Full_Ant1



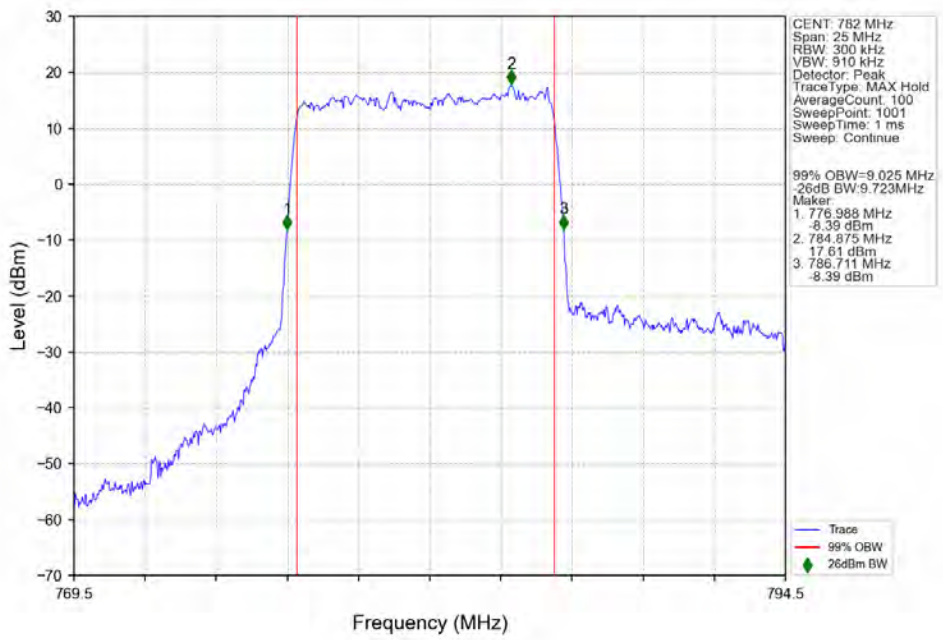

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_782MHz_Outer_Full_Ant1



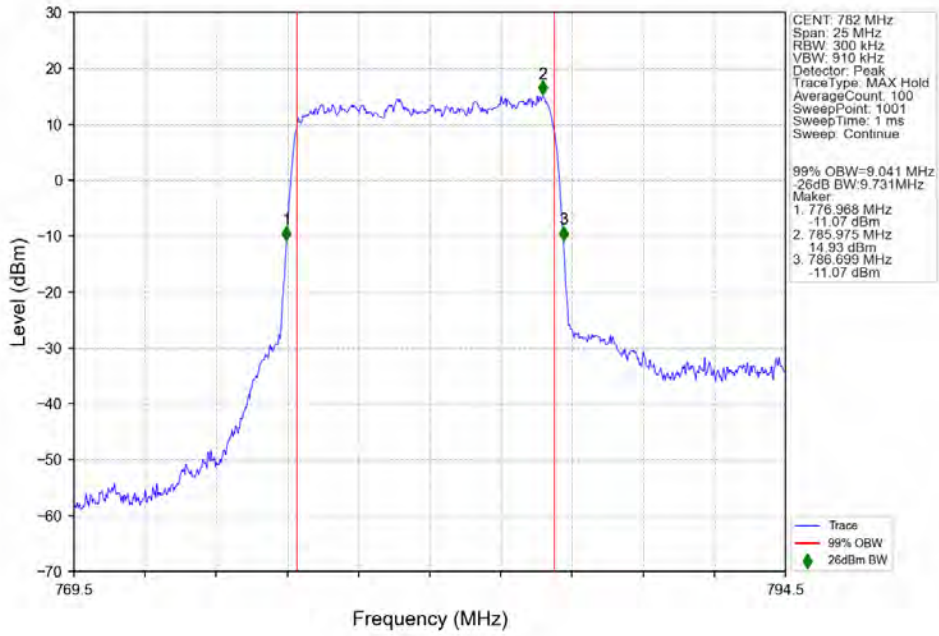
n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_782MHz_Outer_Full_Ant1



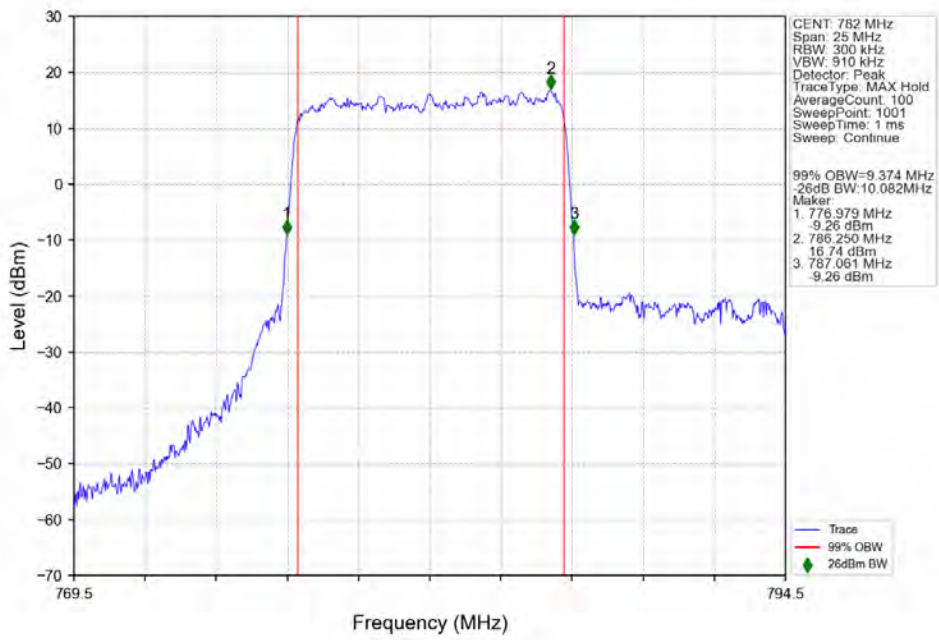

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_782MHz_Outer_Full_Ant1



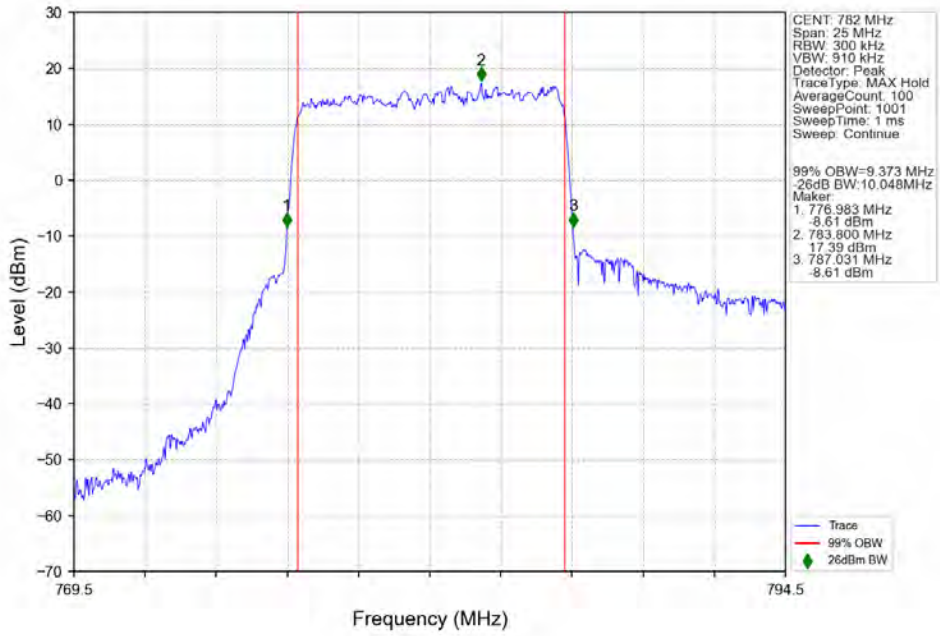
n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_782MHz_Outer_Full_Ant1



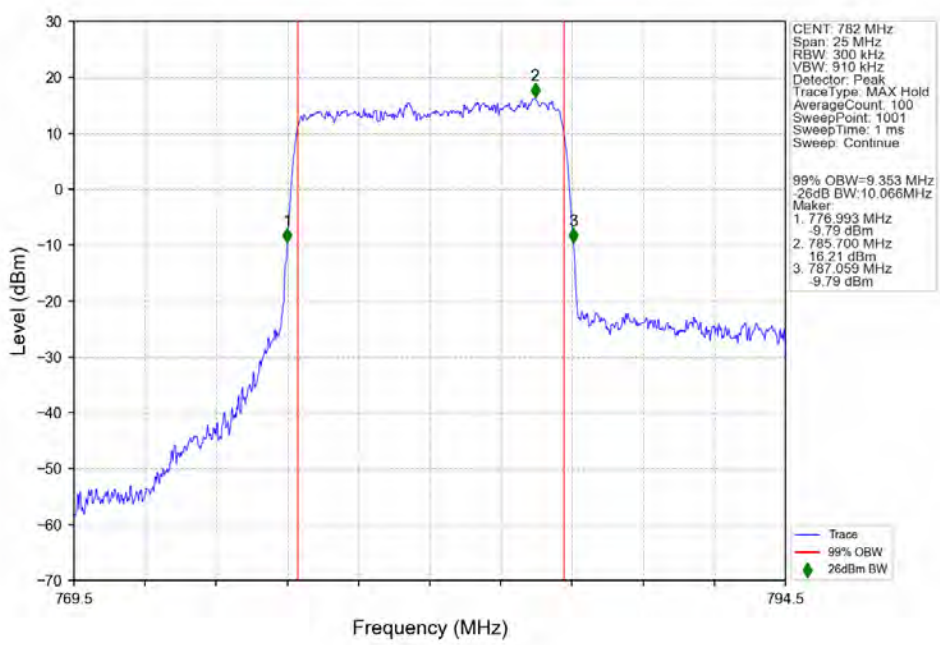

n13_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_782MHz_Outer_Full_Ant1



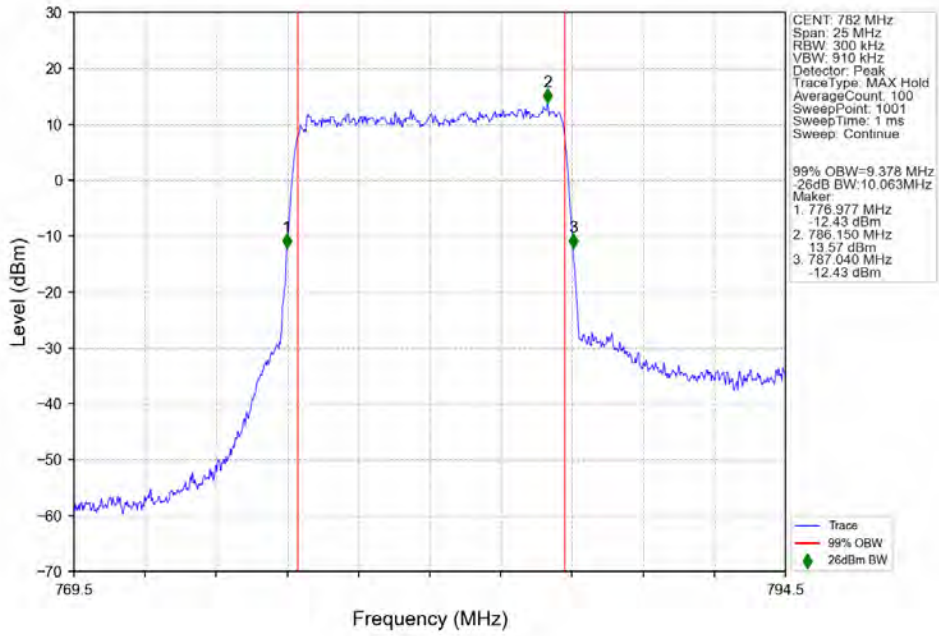
n13_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_782MHz_Outer_Full_Ant1




n13_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_782MHz_Outer_Full_Ant1



n13_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_782MHz_Outer_Full_Ant1



# 4. Peak-Average Ratio

## 4.1 Test Result

### 4.1.1 15k_SISO_5MHz_NTNV

| 5G NR n13 SCS=15kHz SISO 5MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 779.5 | Outer_Full | 2.64 | / | / | <=13 | Pass |
| | 782 | Outer_Full | 2.70 | / | / | <=13 | Pass |
| | 784.5 | Outer_Full | 2.66 | / | / | <=13 | Pass |
| DFT-s-OFDM QPSK | 779.5 | Outer_Full | 3.09 | / | / | <=13 | Pass |
| | 782 | Outer_Full | 3.14 | / | / | <=13 | Pass |
| | 784.5 | Outer_Full | 3.09 | / | / | <=13 | Pass |
| DFT-s-OFDM 16 QAM | 779.5 | Outer_Full | 3.07 | / | / | <=13 | Pass |
| | 782 | Outer_Full | 3.14 | / | / | <=13 | Pass |
| | 784.5 | Outer_Full | 3.11 | / | / | <=13 | Pass |
| DFT-s-OFDM 64 QAM | 779.5 | Outer_Full | 3.09 | / | / | <=13 | Pass |
| | 782 | Outer_Full | 3.14 | / | / | <=13 | Pass |
| | 784.5 | Outer_Full | 3.11 | / | / | <=13 | Pass |
| DFT-s-OFDM 256 QAM | 779.5 | Outer_Full | 3.18 | / | / | <=13 | Pass |
| | 782 | Outer_Full | 3.23 | / | / | <=13 | Pass |
| | 784.5 | Outer_Full | 3.21 | / | / | <=13 | Pass |
| CP-OFDM QPSK | 779.5 | Outer_Full | 3.41 | / | / | <=13 | Pass |
| | 782 | Outer_Full | 3.46 | / | / | <=13 | Pass |
| | 784.5 | Outer_Full | 3.43 | / | / | <=13 | Pass |
| CP-OFDM 16 QAM | 779.5 | Outer_Full | 3.41 | / | / | <=13 | Pass |
| | 782 | Outer_Full | 3.46 | / | / | <=13 | Pass |
| | 784.5 | Outer_Full | 3.43 | / | / | <=13 | Pass |
| CP-OFDM 64 QAM | 779.5 | Outer_Full | 3.45 | / | / | <=13 | Pass |
| | 782 | Outer_Full | 3.52 | / | / | <=13 | Pass |
| | 784.5 | Outer_Full | 3.49 | / | / | <=13 | Pass |
| CP-OFDM 256 QAM | 779.5 | Outer_Full | 3.74 | / | / | <=13 | Pass |
| | 782 | Outer_Full | 3.80 | / | / | <=13 | Pass |
| | 784.5 | Outer_Full | 3.77 | / | / | <=13 | Pass |

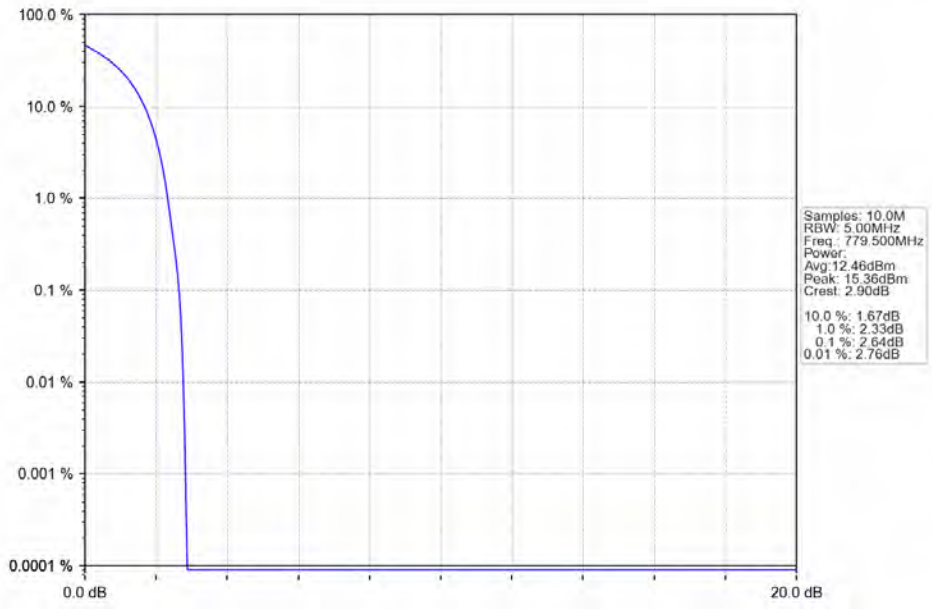
### 4.1.2 15k_SISO_10MHz_NTNV

| 5G NR n13 SCS=15kHz SISO 10MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 782 | Outer_Full | 4.13 | / | / | <=13 | Pass |
| DFT-s-OFDM QPSK | 782 | Outer_Full | 4.41 | / | / | <=13 | Pass |
| DFT-s-OFDM 16 QAM | 782 | Outer_Full | 4.33 | / | / | <=13 | Pass |
| DFT-s-OFDM 64 QAM | 782 | Outer_Full | 4.29 | / | / | <=13 | Pass |
| DFT-s-OFDM 256 QAM | 782 | Outer_Full | 4.26 | / | / | <=13 | Pass |
| CP-OFDM QPSK | 782 | Outer_Full | 4.46 | / | / | <=13 | Pass |
| CP-OFDM 16 QAM | 782 | Outer_Full | 4.42 | / | / | <=13 | Pass |
| CP-OFDM 64 QAM | 782 | Outer_Full | 4.42 | / | / | <=13 | Pass |
| CP-OFDM 256 QAM | 782 | Outer_Full | 4.60 | / | / | <=13 | Pass |

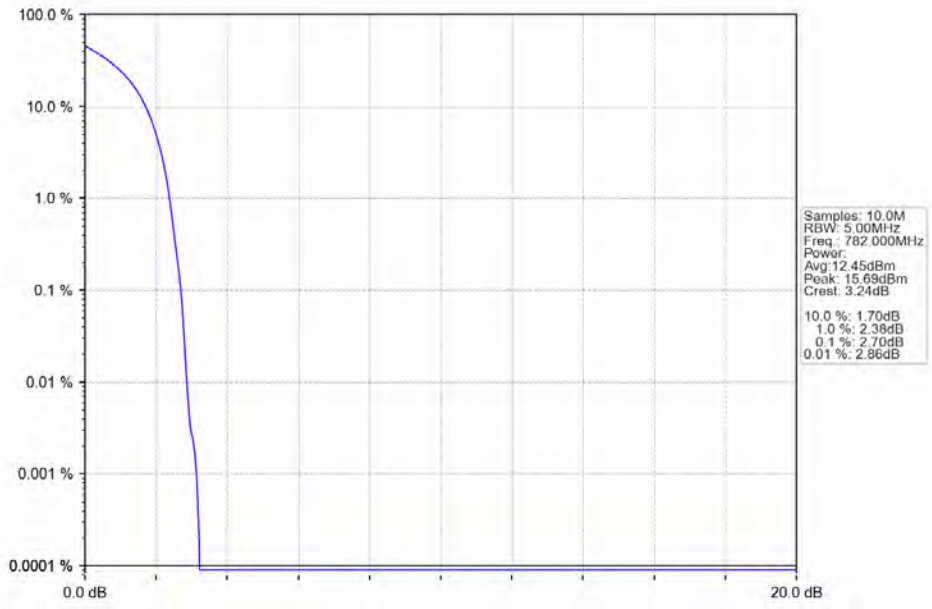
## 4.2 Test Graph

### 4.2.1 15k_SISO_5MHz_NTNV

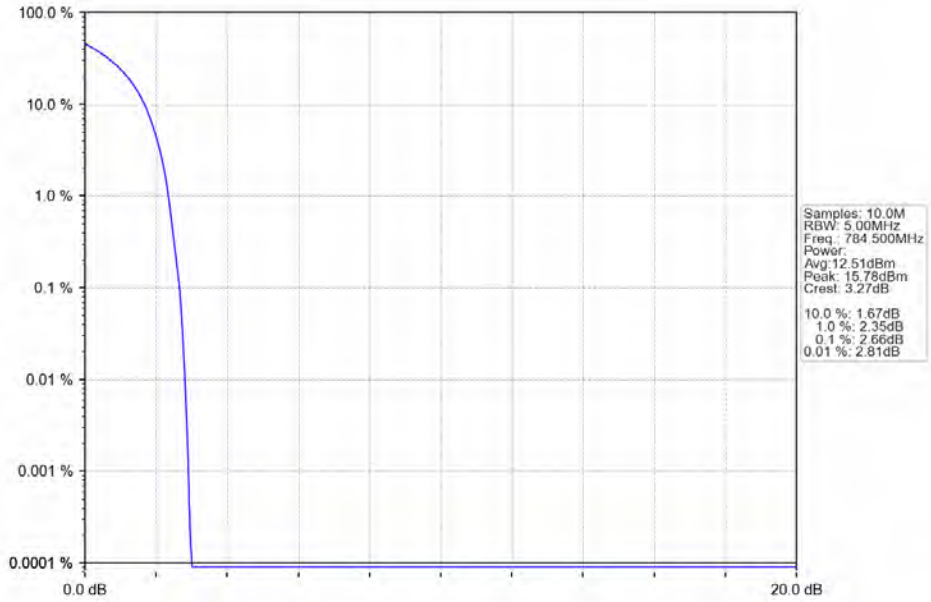
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_779.5MHz_Outer_Full_Ant1



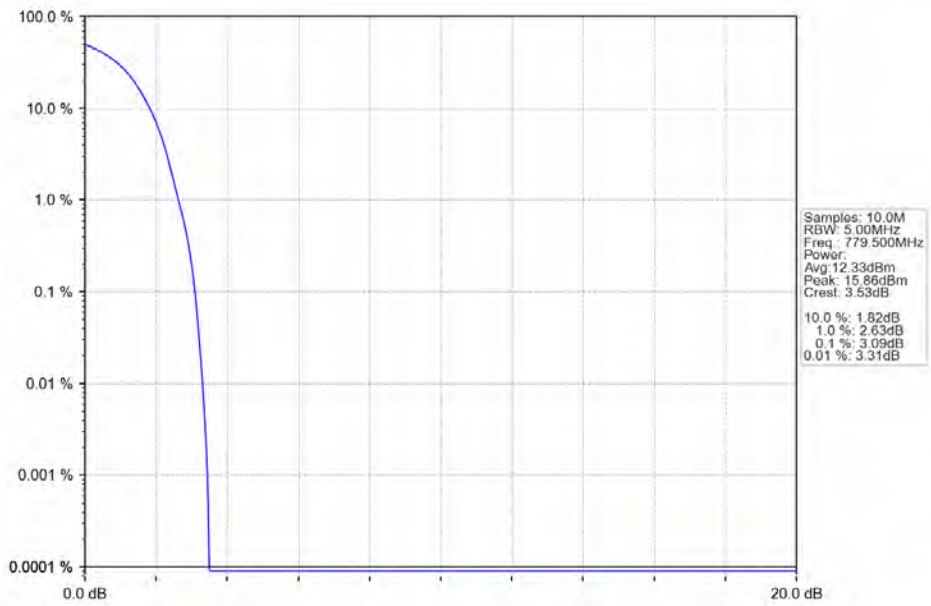

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_782MHz_Outer_Full_Ant1



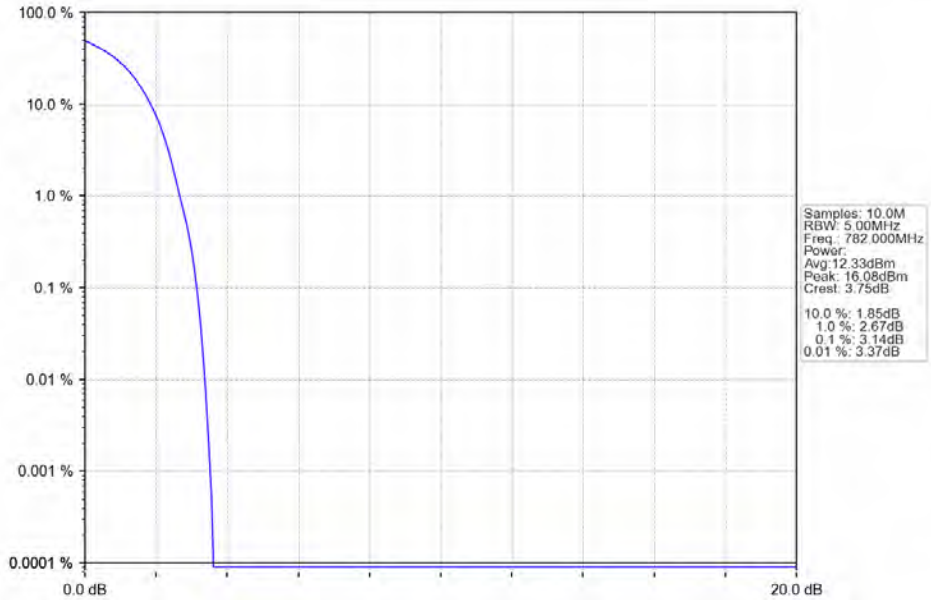
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_784.5MHz_Outer_Full_Ant1



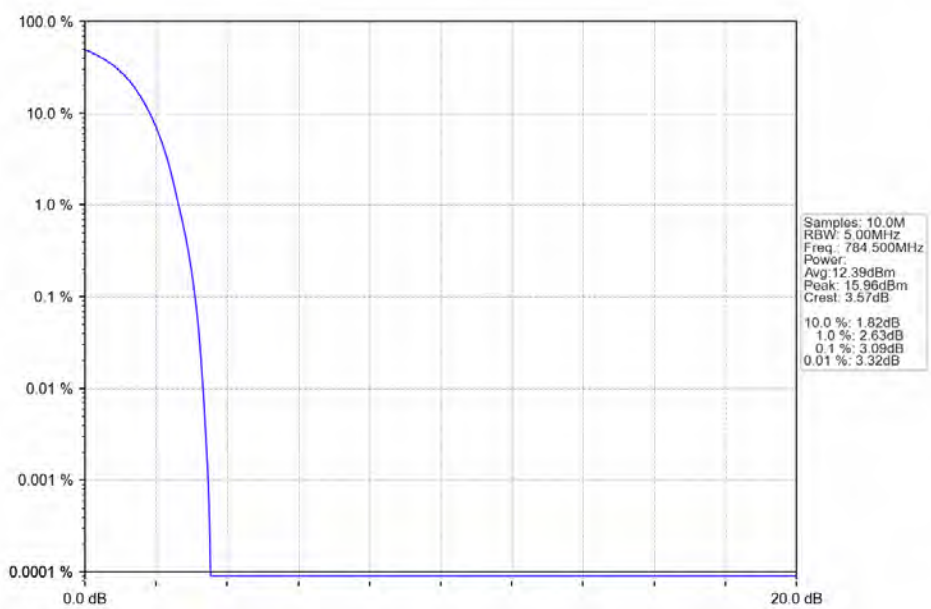

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_779.5MHz_Outer_Full_Ant1



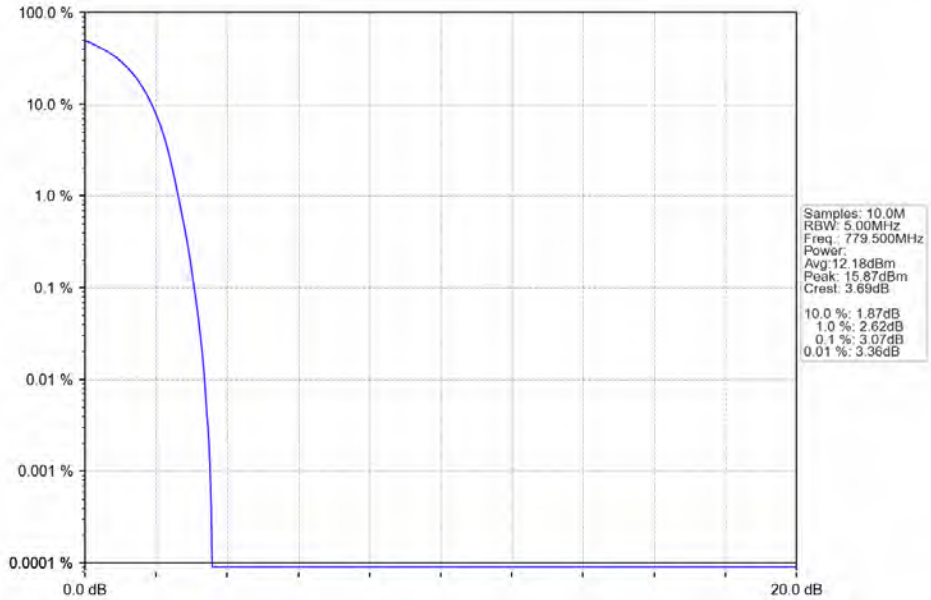
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_782MHz_Outer_Full_Ant1



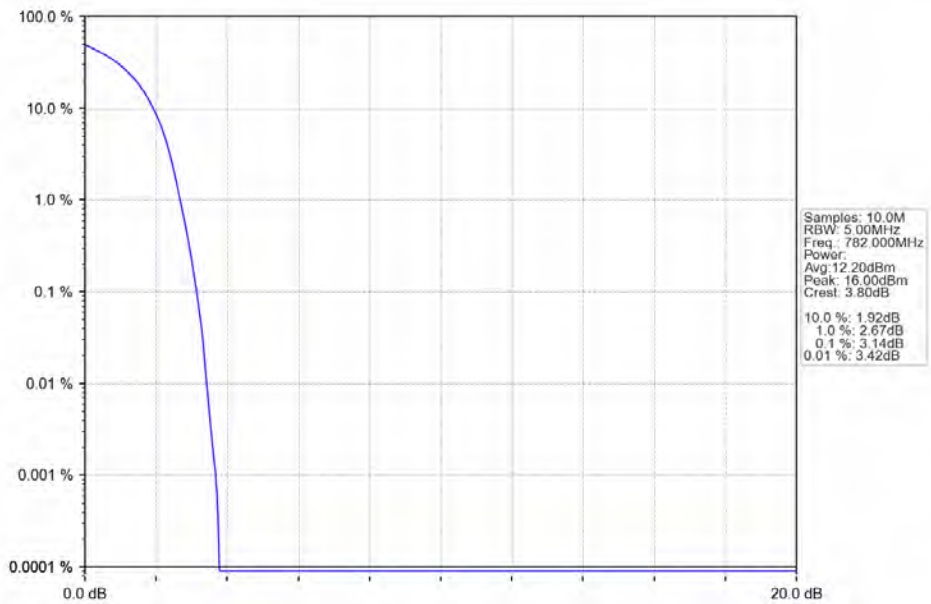

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_784.5MHz_Outer_Full_Ant1



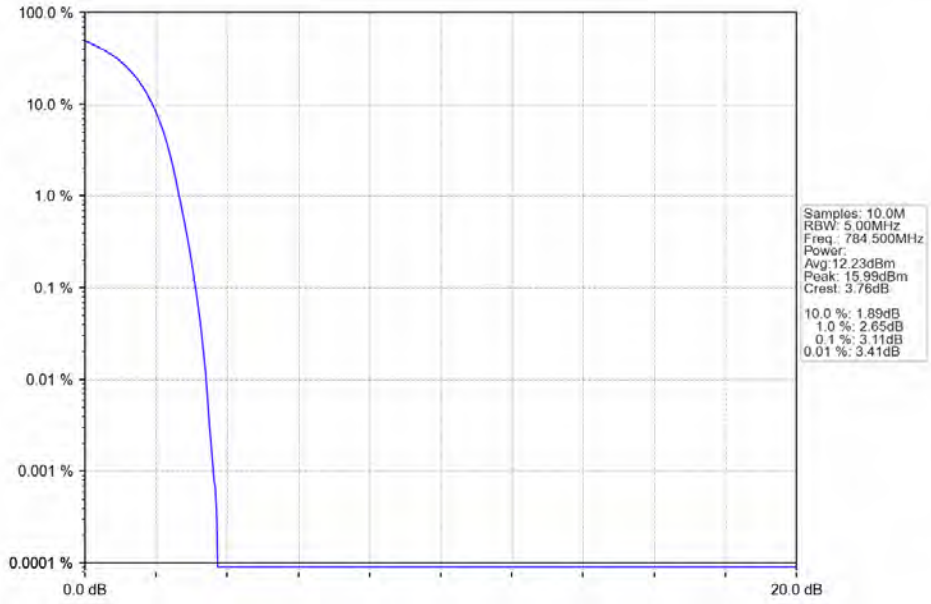
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_779.5MHz_Outer_Full_Ant1



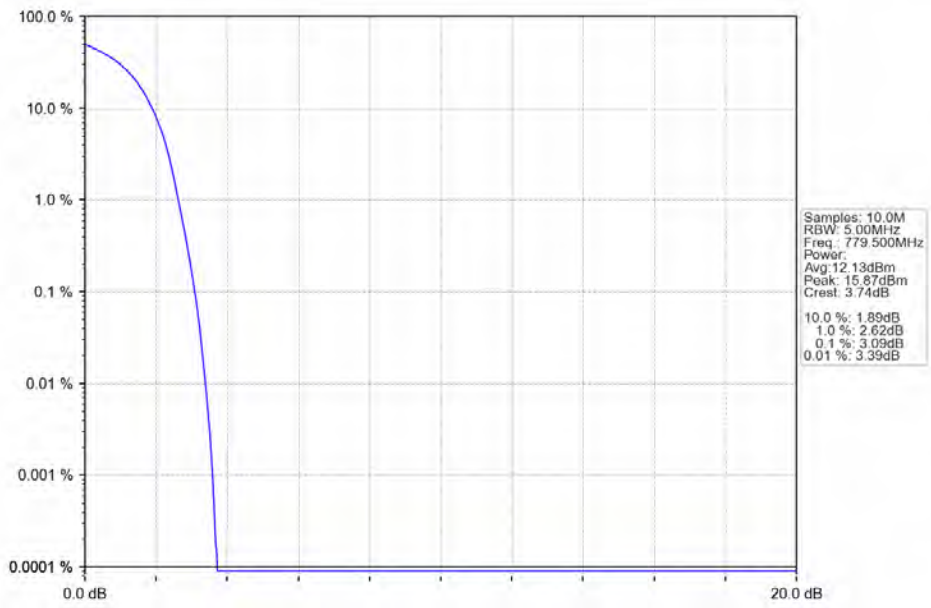

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_782MHz_Outer_Full_Ant1



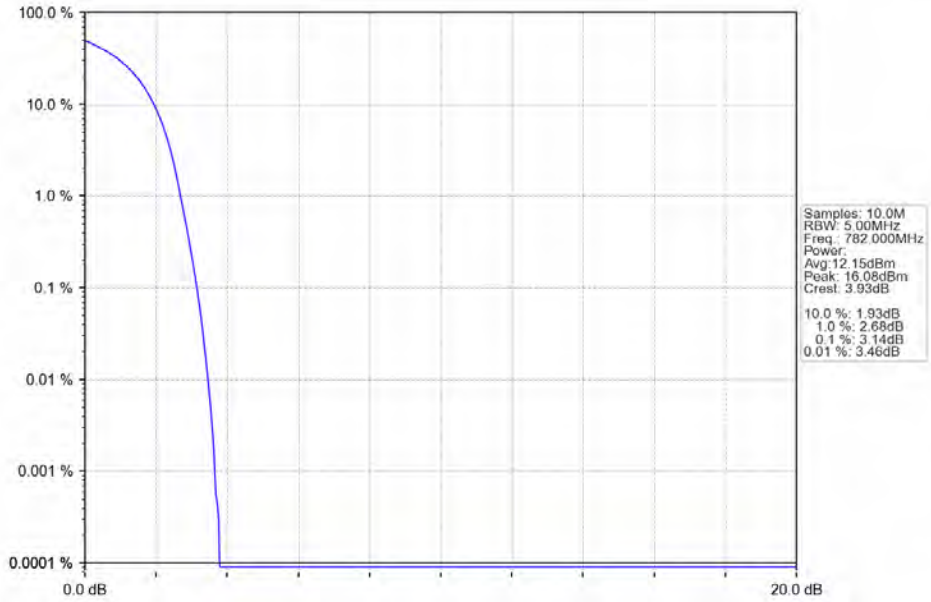
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_784.5MHz_Outer_Full_Ant1



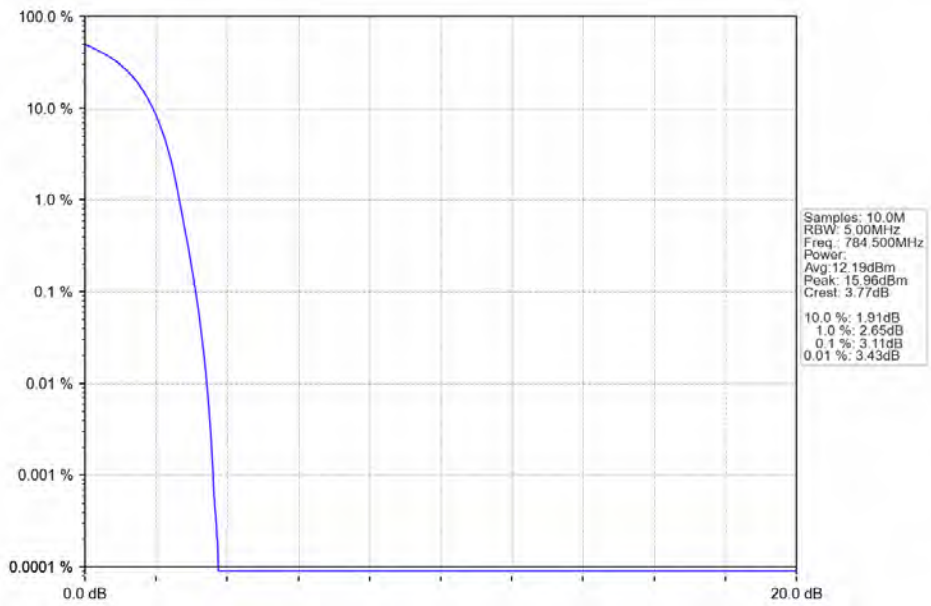

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_779.5MHz_Outer_Full_Ant1



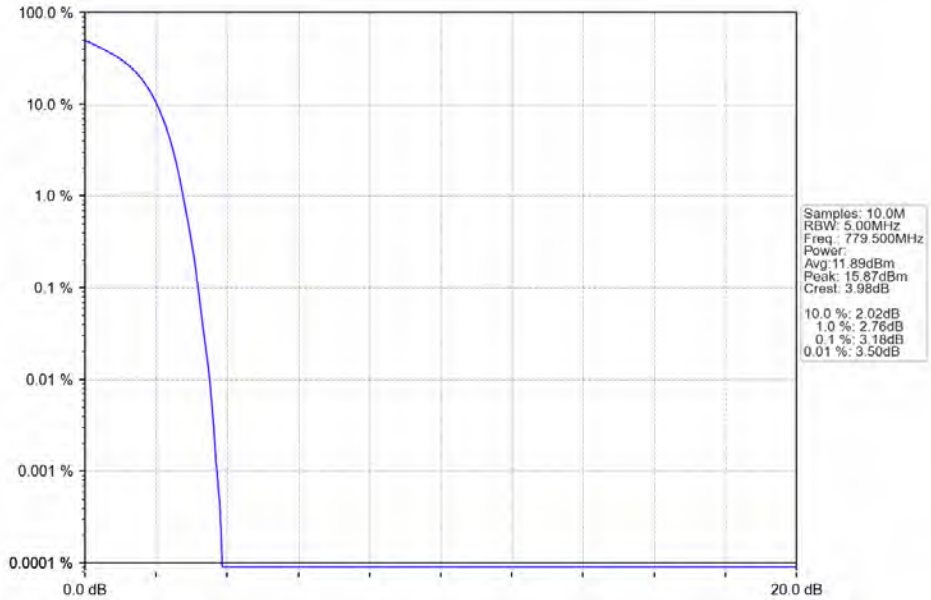
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_782MHz_Outer_Full_Ant1



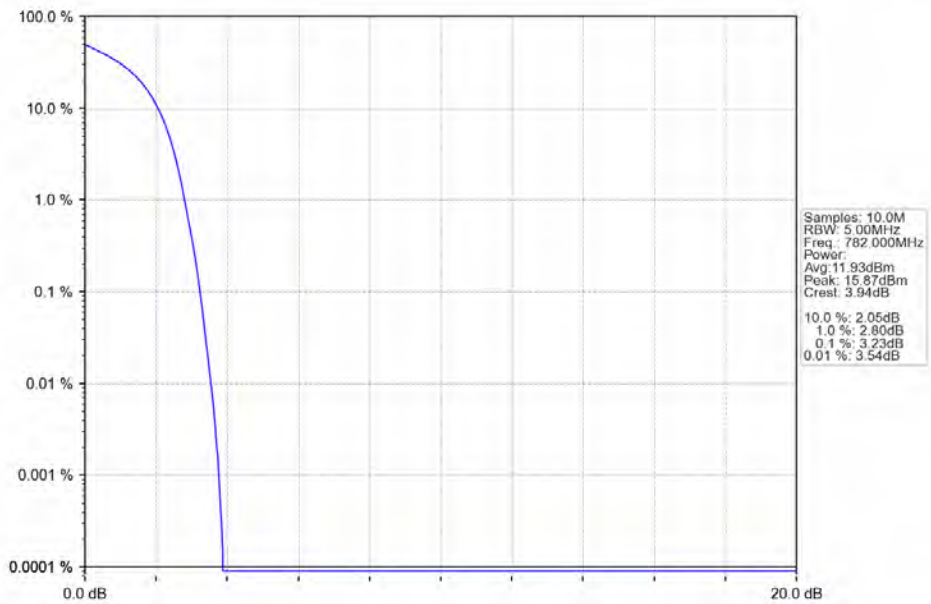

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_784.5MHz_Outer_Full_Ant1



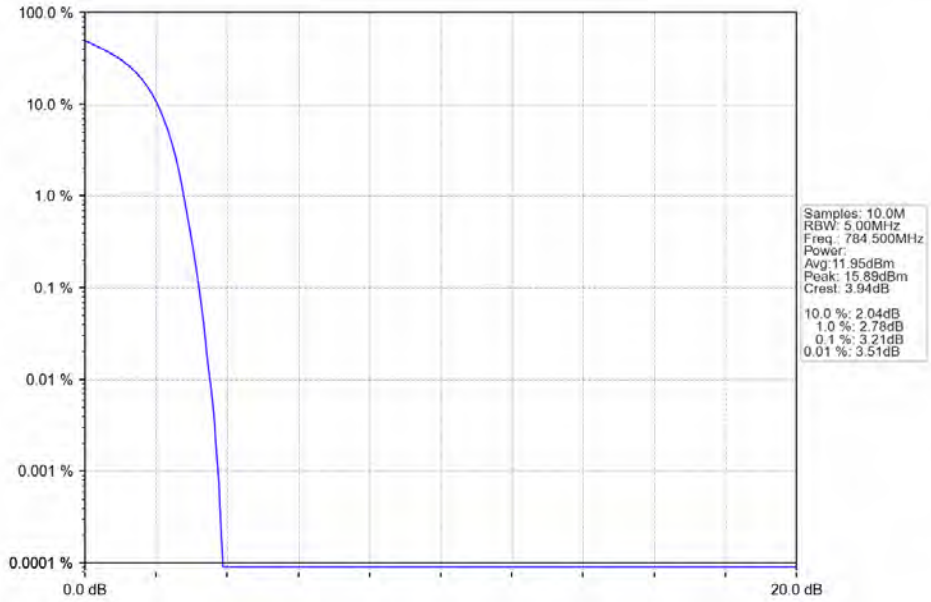
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_779.5MHz_Outer_Full_Ant1



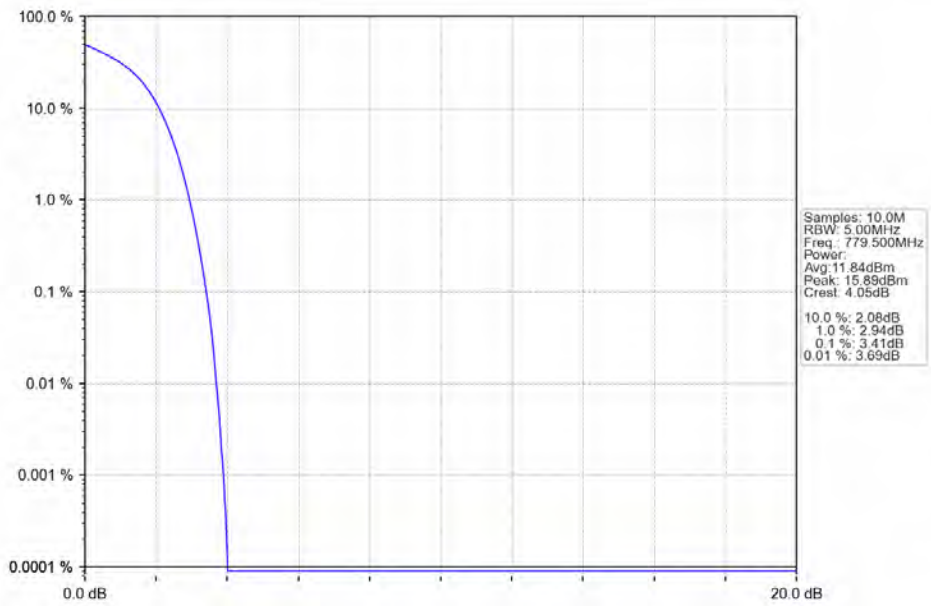

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_782MHz_Outer_Full_Ant1



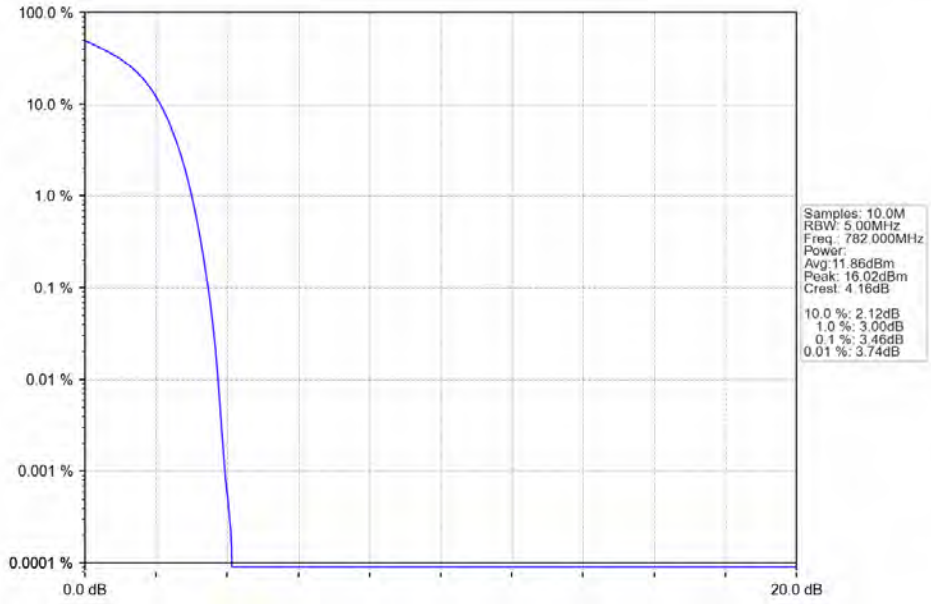
n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_784.5MHz_Outer_Full_Ant1



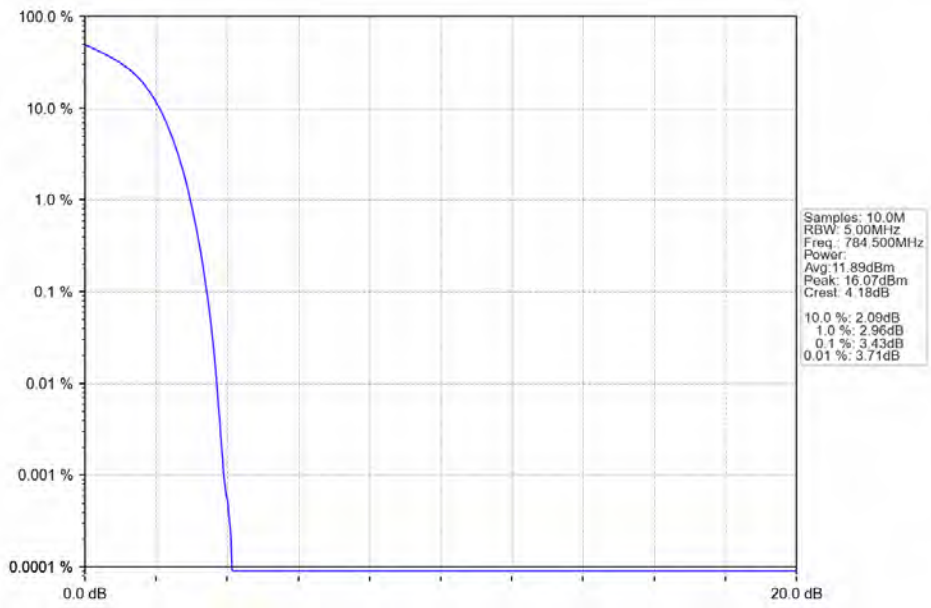

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_779.5MHz_Outer_Full_Ant1



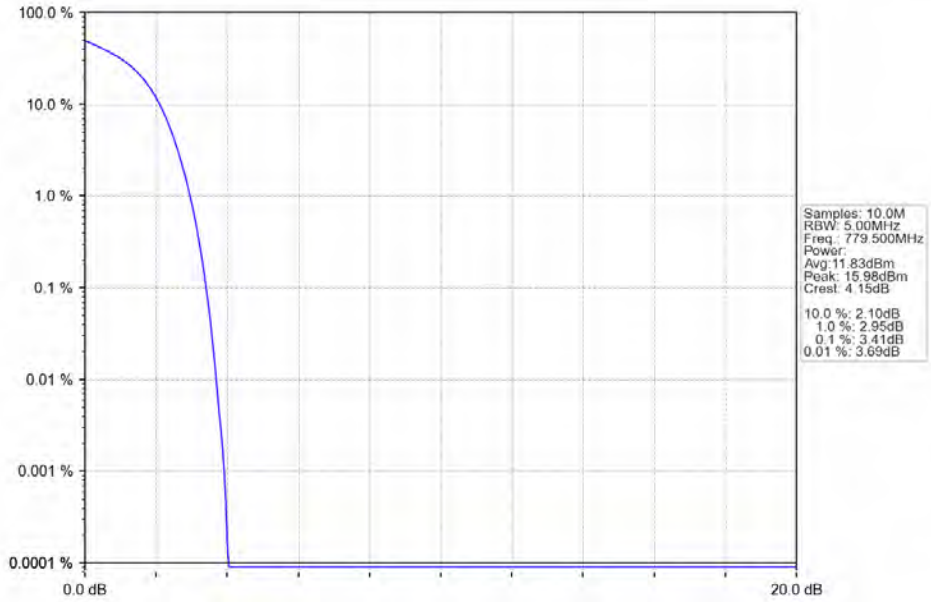
n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_782MHz_Outer_Full_Ant1



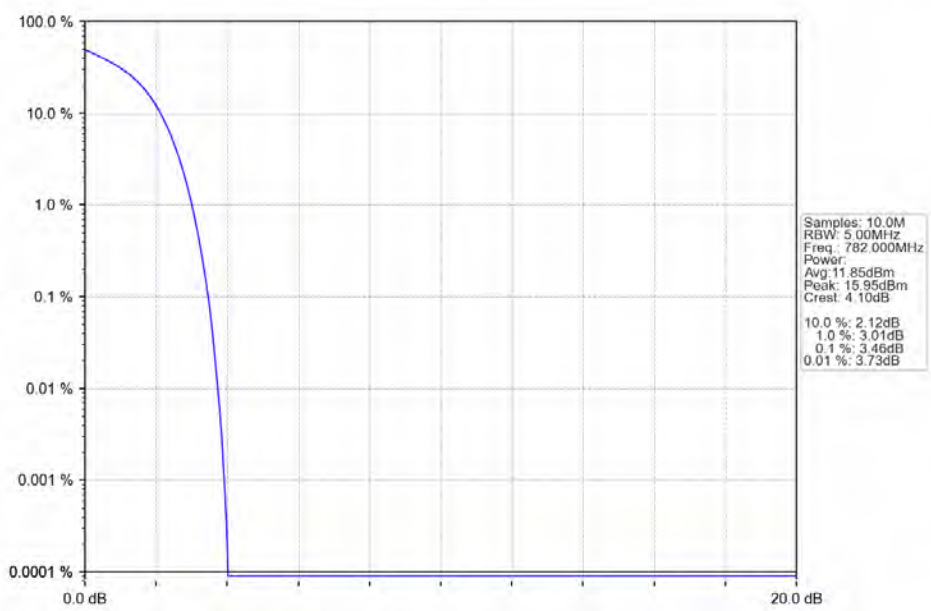

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_784.5MHz_Outer_Full_Ant1



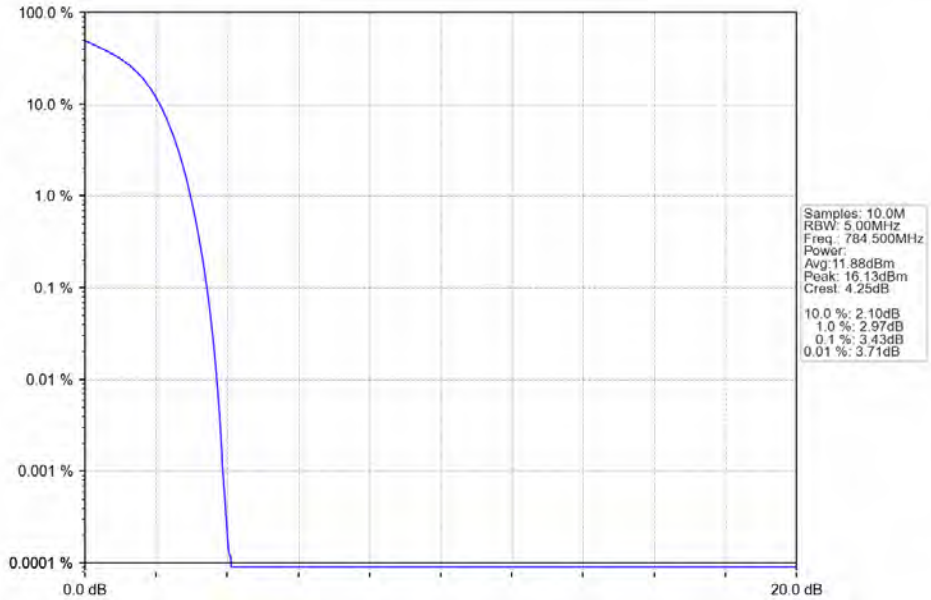
n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_779.5MHz_Outer_Full_Ant1



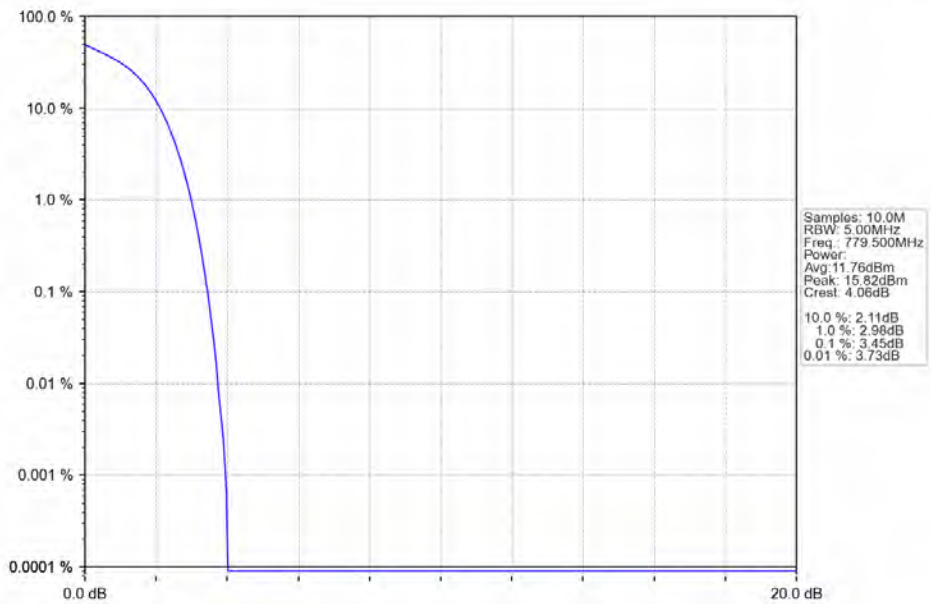

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_782MHz_Outer_Full_Ant1



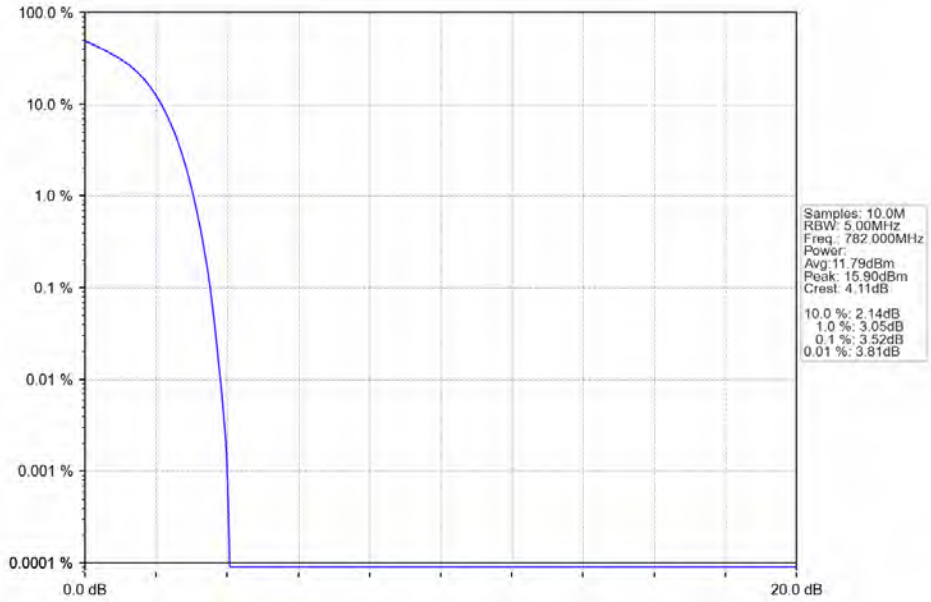
n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_784.5MHz_Outer_Full_Ant1



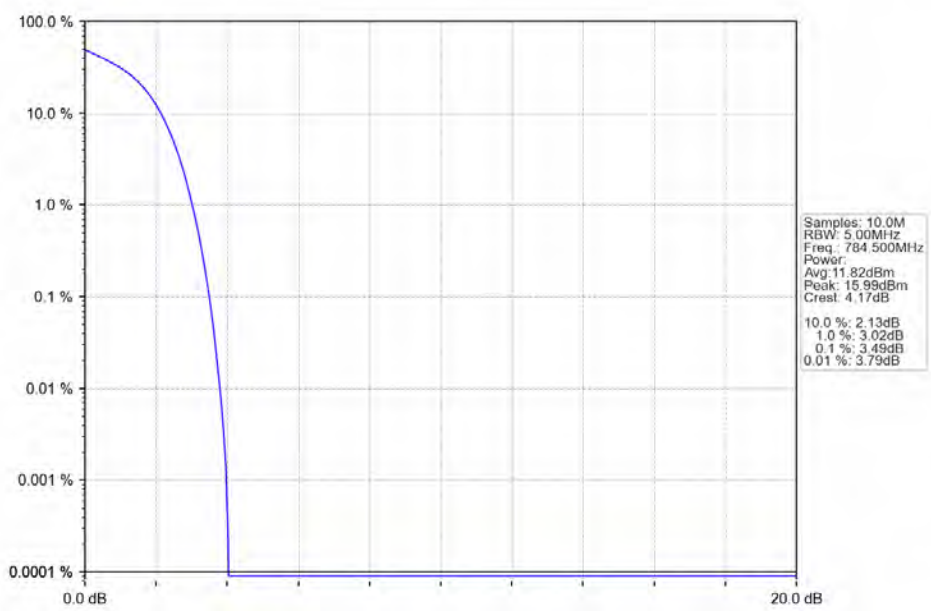

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_779.5MHz_Outer_Full_Ant1



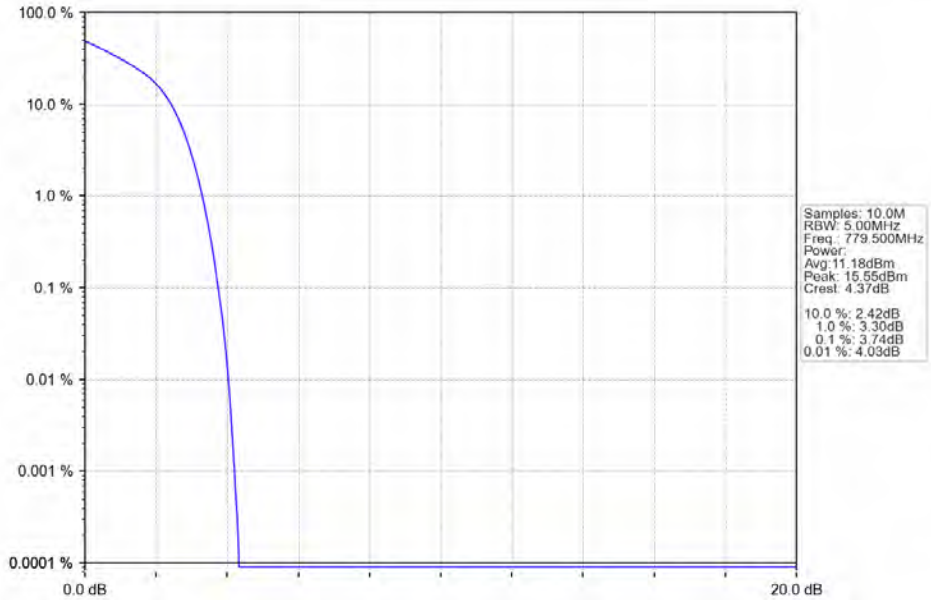
n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_782MHz_Outer_Full_Ant1



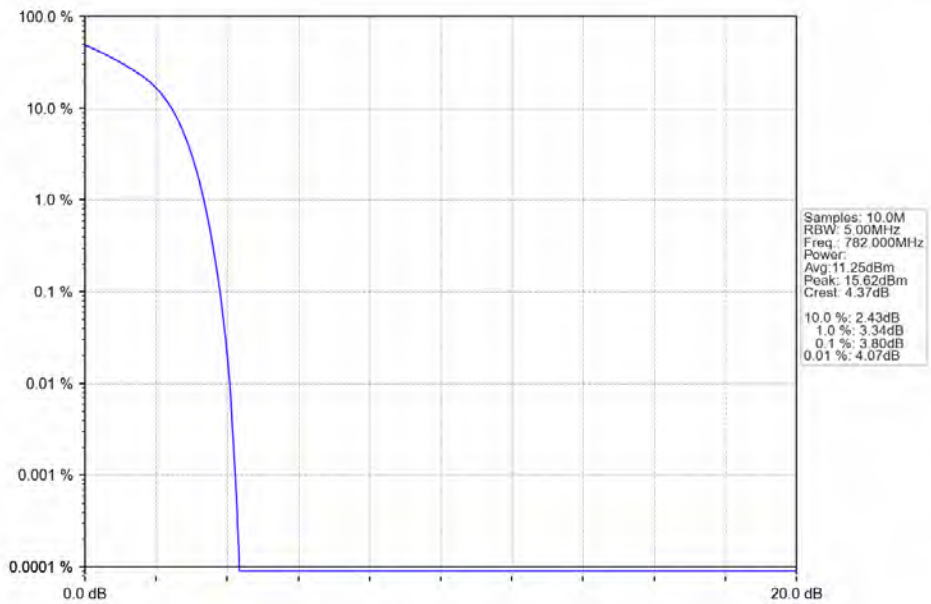

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_784.5MHz_Outer_Full_Ant1



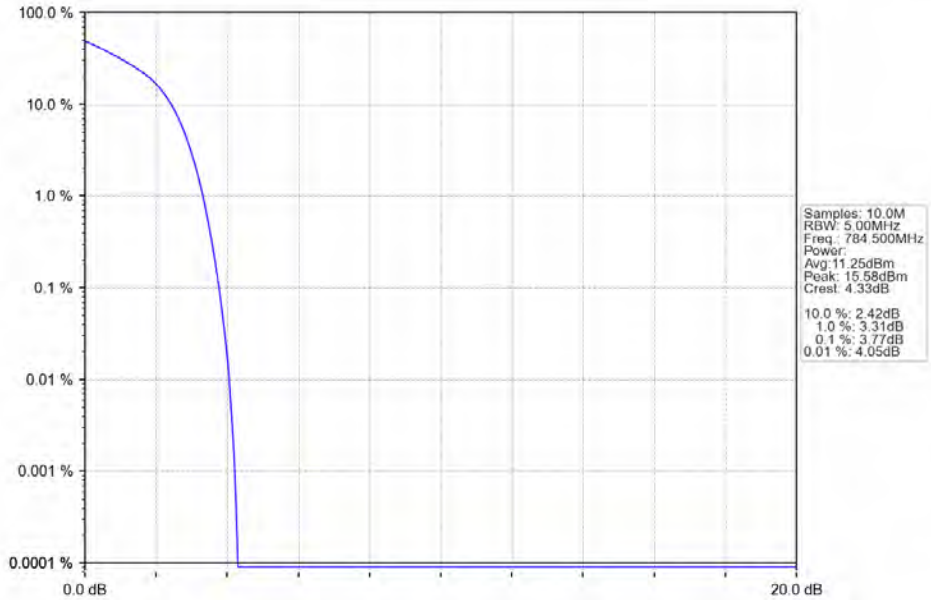
n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_779.5MHz_Outer_Full_Ant1




n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_782MHz_Outer_Full_Ant1

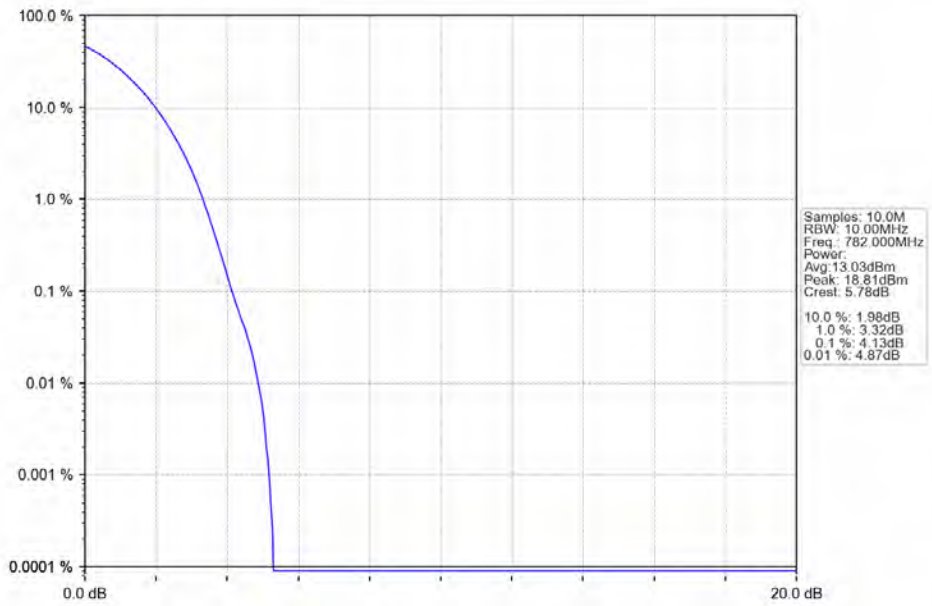


n13_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_784.5MHz_Outer_Full_Ant1

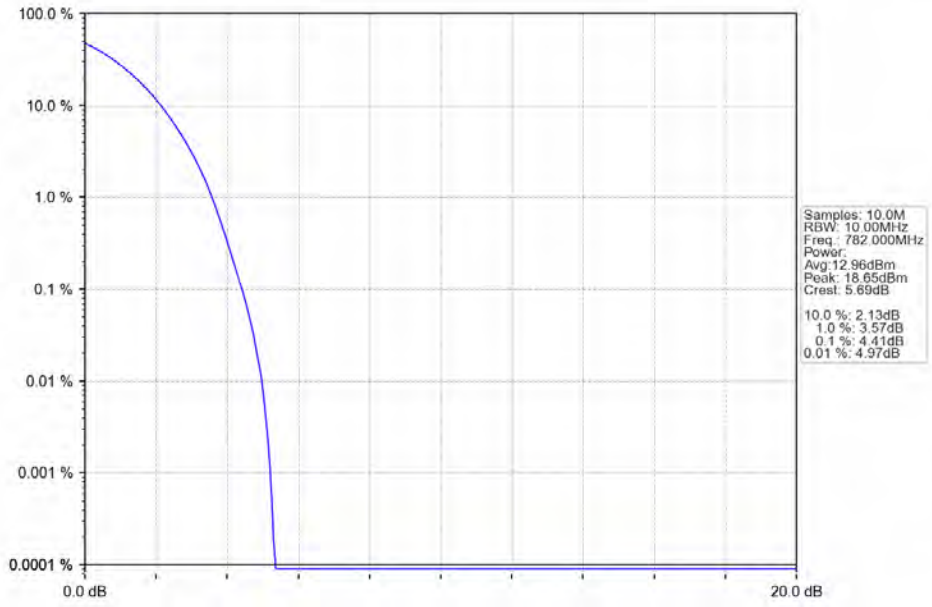


## 4.2.2 15k_SISO_10MHz_NTNV

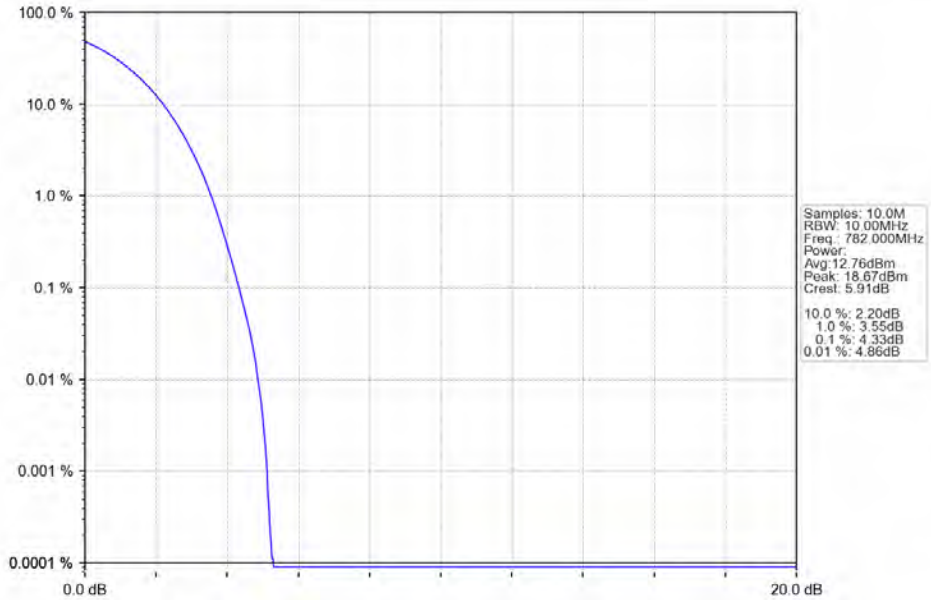
n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_782MHz_Outer_Full_Ant1



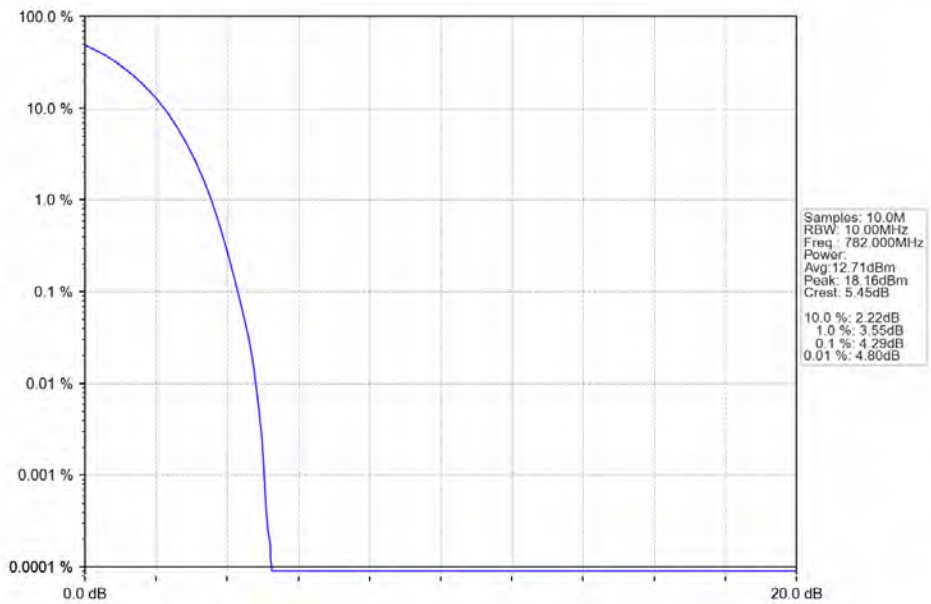

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_782MHz_Outer_Full_Ant1



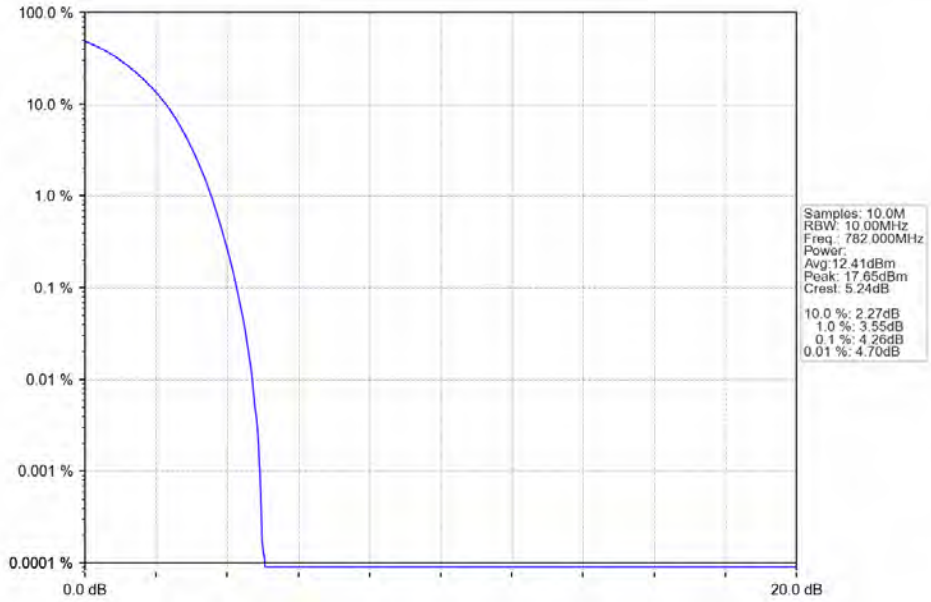
n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_782MHz_Outer_Full_Ant1



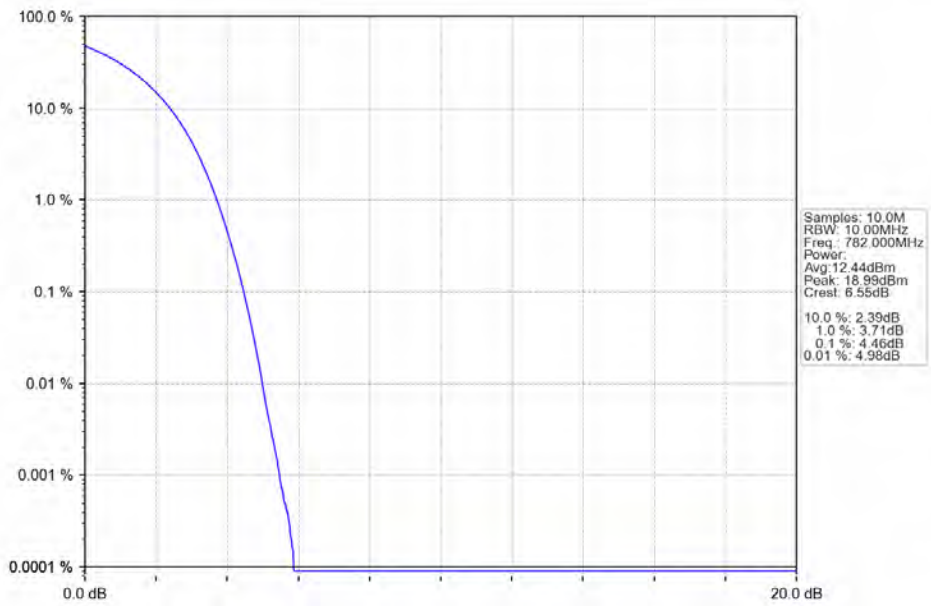

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_782MHz_Outer_Full_Ant1



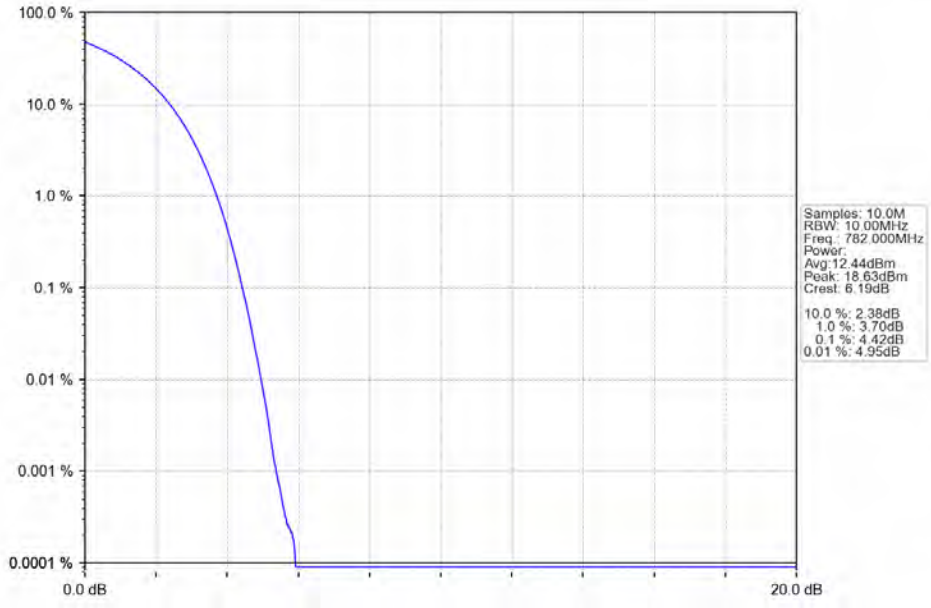
n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_782MHz_Outer_Full_Ant1



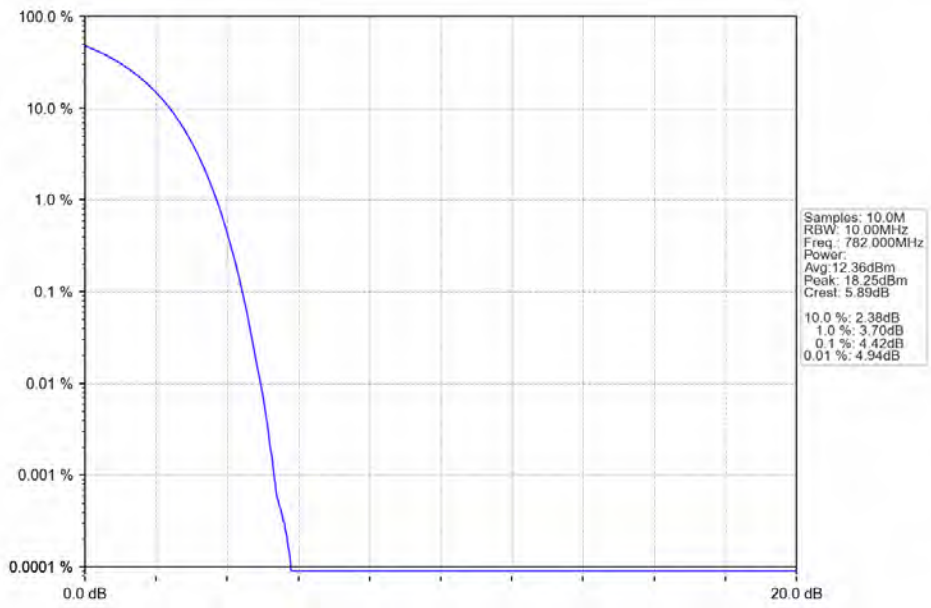

n13_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_782MHz_Outer_Full_Ant1



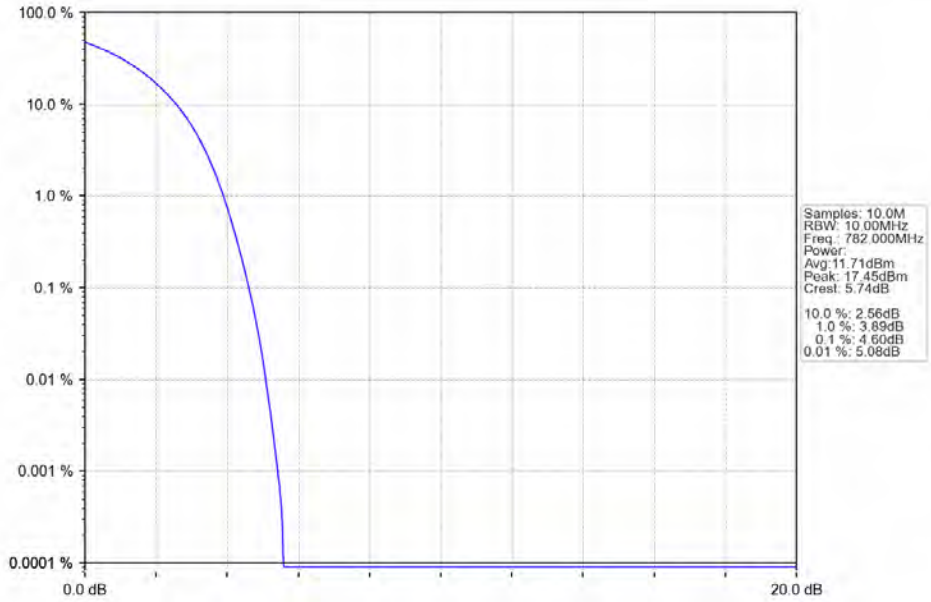
n13_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_782MHz_Outer_Full_Ant1




n13_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_782MHz_Outer_Full_Ant1



n13_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_782MHz_Outer_Full_Ant1



# 5. Spurious Emission

## 5.1 Test Result

### 5.1.1 15k_SISO_5MHz_NTNV

| 5G NR n13 SCS=15kHz SISO 5MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 779.5 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | | Pass |
| | 782 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 784.5 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Right | Refer To Test Graph | | | | Pass |
| DFT-s-OFDM QPSK | 779.5 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | | Pass |
| | 782 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 784.5 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Right | Refer To Test Graph | | | | Pass |
| CP-OFDM QPSK | 779.5 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | | Pass |
| | 782 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 784.5 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Right | Refer To Test Graph | | | | Pass |

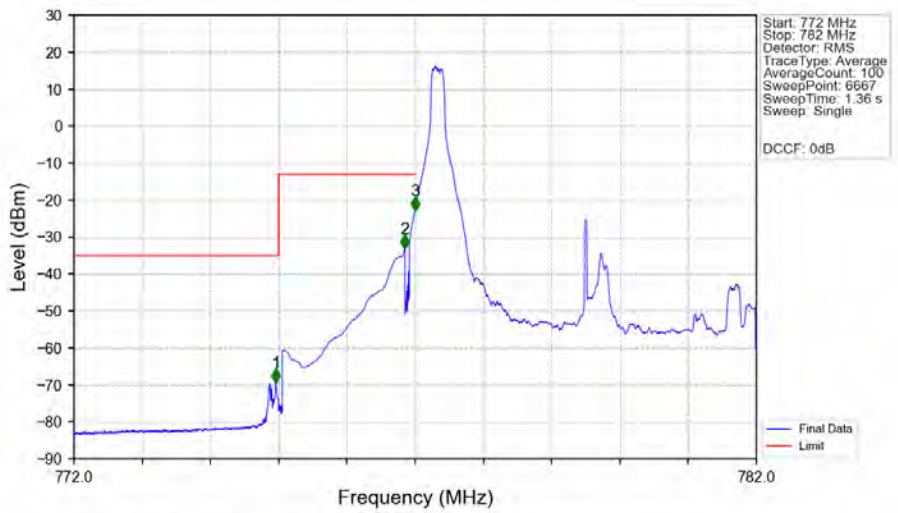
### 5.1.2 15k_SISO_10MHz_NTNV

| 5G NR n13 SCS=15kHz SISO 10MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 782 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | | Pass |
| DFT-s-OFDM QPSK | 782 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | | Pass |
| CP-OFDM QPSK | 782 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | Inner_1RB_Left | Refer To Test Graph | | | | Pass |

## 5.2 Test Graph

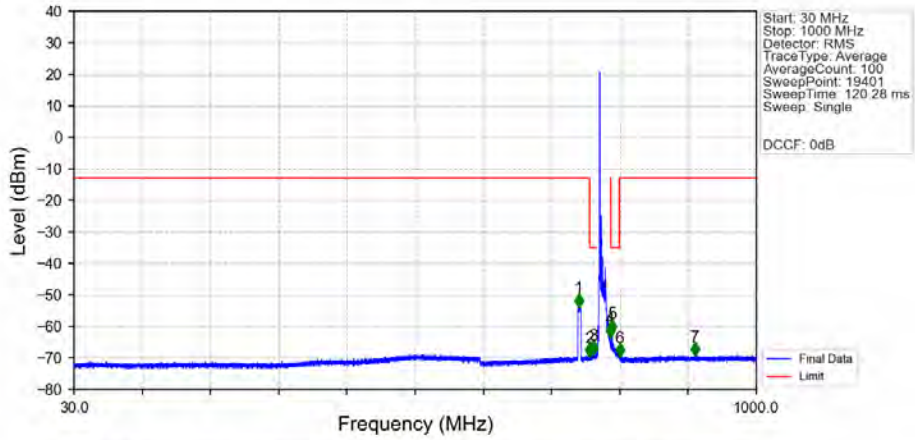
### 5.2.1 15k_SISO_5MHz_NTNV

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_779.5MHz_Edge_1RB_Left_Ant1



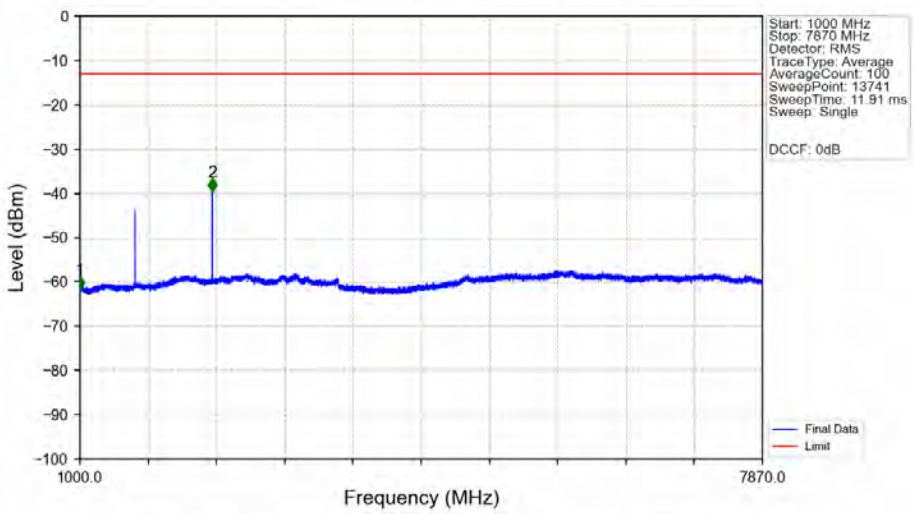

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.957 | -69.46 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -33.10 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.999 | -22.80 | -13 | Pass |
| 777 | 782 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_779.5MHz_Edge_1RB_Left_Ant1



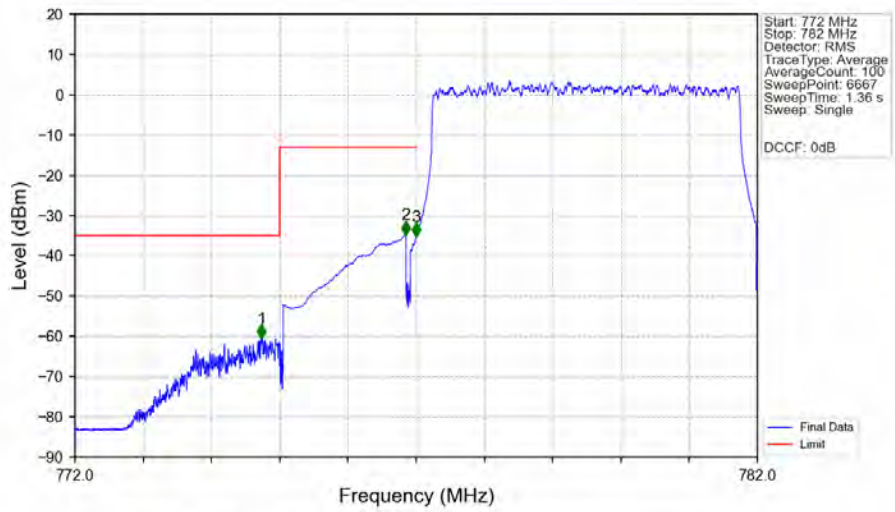

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 758 | 0.1 | / | 1 | 747.350 | -53.60 | -13 | Pass |
| 758 | 763 | 0.1 | / | 2 | 762.600 | -69.35 | -13 | Pass |
| 763 | 775 | 0.1 | / | 3 | 768.900 | -68.63 | -35 | Pass |
| 775 | 792 | 0.1 | / | / | / | / | / | / |
| 792 | 793 | 0.1 | / | 4 | 792.050 | -63.27 | -13 | Pass |
| 793 | 805 | 0.1 | / | 5 | 794.900 | -61.84 | -35 | Pass |
| 805 | 810 | 0.1 | / | 6 | 805.700 | -69.46 | -13 | Pass |
| 810 | 1000 | 0.1 | / | 7 | 912.700 | -69.20 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_779.5MHz_Edge_1RB_Left_Ant1



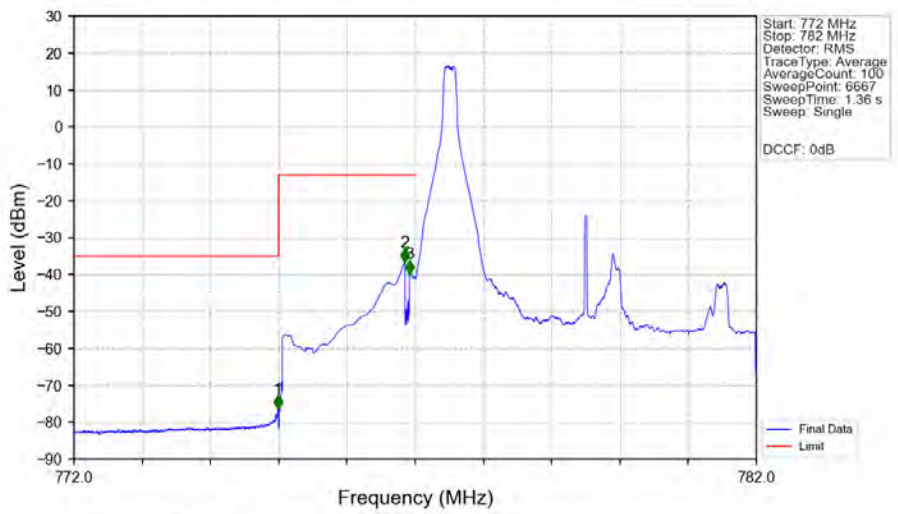

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 1000 | 1 | / | 1 | 1000.000 | -61.69 | -13 | Pass |
| 1000 | 7870 | 1 | / | 2 | 2332.000 | -39.68 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_779.5MHz_Outer_Full_Ant1



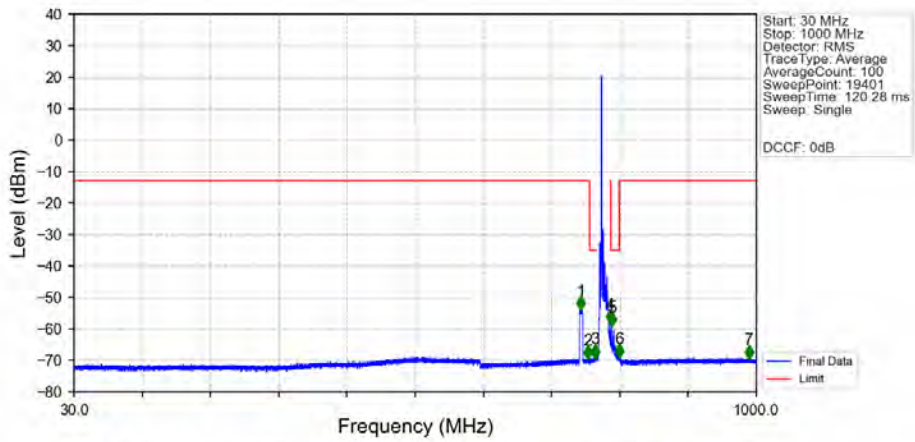

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.732 | -60.50 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -34.74 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.995 | -35.27 | -13 | Pass |
| 777 | 782 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_779.5MHz_Inner_1RB_Left_Ant1



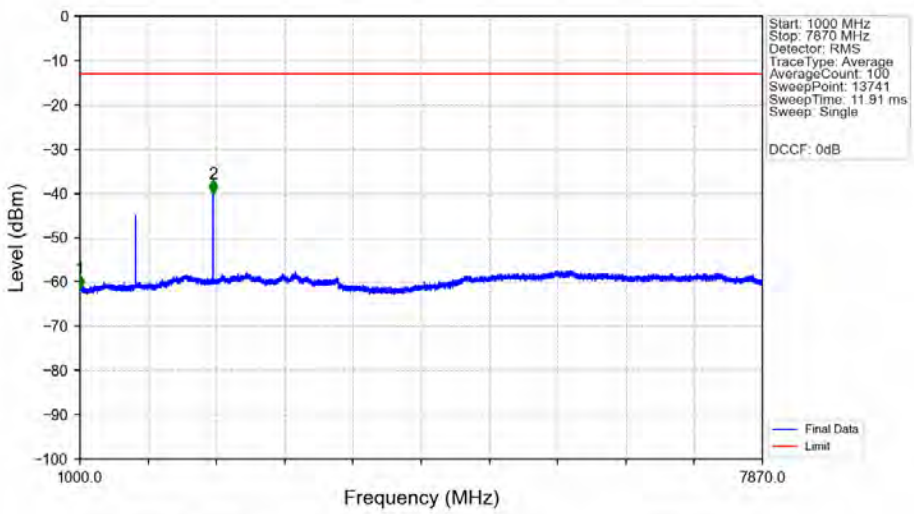

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.988 | -76.48 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -36.53 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.922 | -39.77 | -13 | Pass |
| 777 | 782 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_782MHz_Edge_1RB_Left_Ant1



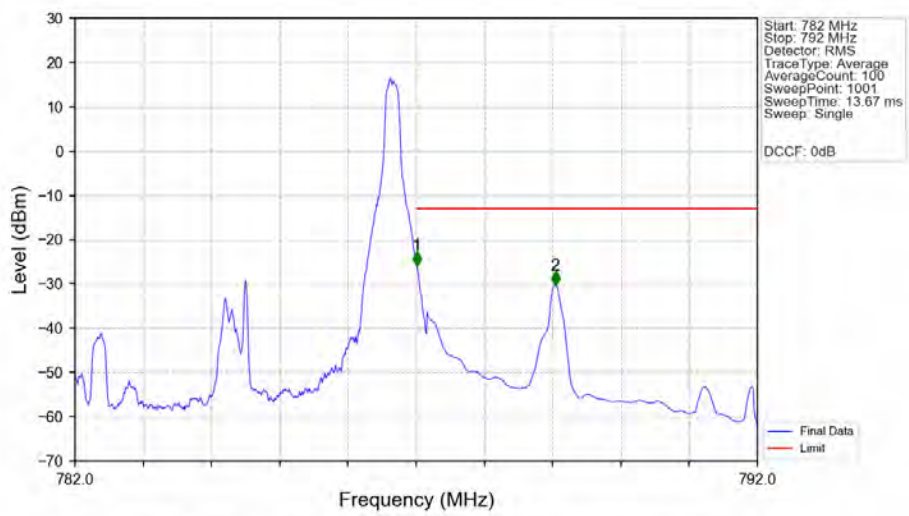

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 758 | 0.1 | / | 1 | 750.550 | -53.75 | -13 | Pass |
| 758 | 763 | 0.1 | / | 2 | 760.600 | -69.46 | -13 | Pass |
| 763 | 775 | 0.1 | / | 3 | 770.750 | -68.99 | -35 | Pass |
| 775 | 792 | 0.1 | / | / | / | / | / | / |
| 792 | 793 | 0.1 | / | 4 | 792.050 | -58.07 | -13 | Pass |
| 793 | 805 | 0.1 | / | 5 | 794.350 | -58.85 | -35 | Pass |
| 805 | 810 | 0.1 | / | 6 | 805.200 | -68.78 | -13 | Pass |
| 810 | 1000 | 0.1 | / | 7 | 989.800 | -69.21 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_782MHz_Edge_1RB_Left_Ant1



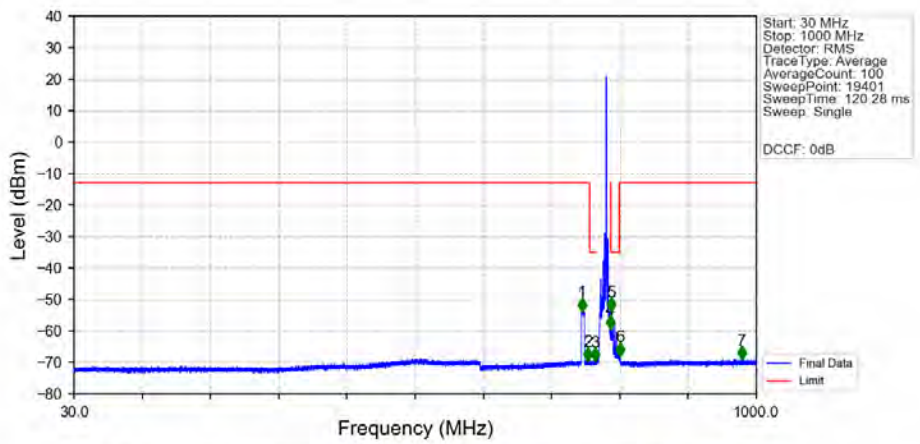

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 1000 | 1 | / | 1 | 1000.000 | -61.42 | -13 | Pass |
| 1000 | 7870 | 1 | / | 2 | 2339.500 | -40.08 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_784.5MHz_Edge_1RB_Right_Ant1



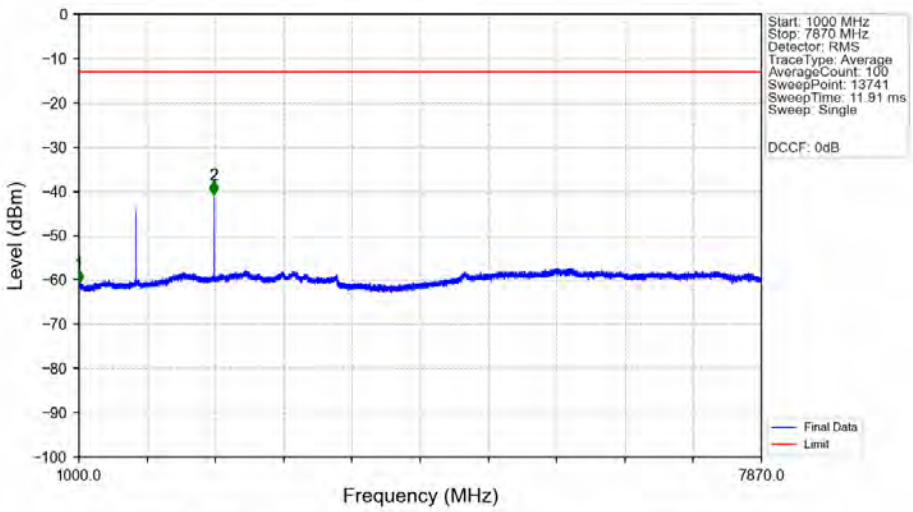

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 782 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.010 | -25.77 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 2 | 789.040 | -30.25 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_784.5MHz_Edge_1RB_Right_Ant1



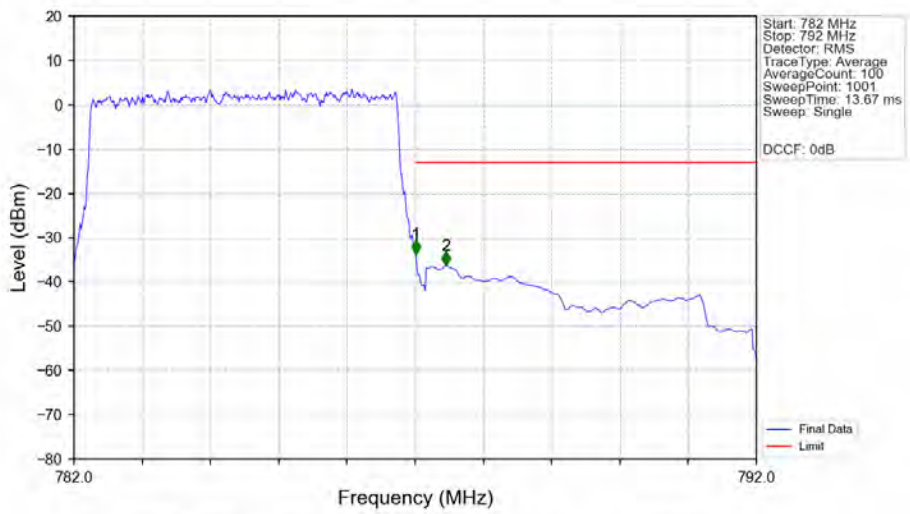

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 758 | 0.1 | / | 1 | 751.800 | -53.59 | -13 | Pass |
| 758 | 763 | 0.1 | / | 2 | 760.750 | -69.28 | -13 | Pass |
| 763 | 775 | 0.1 | / | 3 | 771.200 | -69.34 | -35 | Pass |
| 775 | 792 | 0.1 | / | / | / | / | / | / |
| 792 | 793 | 0.1 | / | 4 | 792.050 | -59.12 | -13 | Pass |
| 793 | 805 | 0.1 | / | 5 | 793.900 | -53.48 | -35 | Pass |
| 805 | 810 | 0.1 | / | 6 | 805.850 | -67.68 | -13 | Pass |
| 810 | 1000 | 0.1 | / | 7 | 979.400 | -68.92 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_784.5MHz_Edge_1RB_Right_Ant1



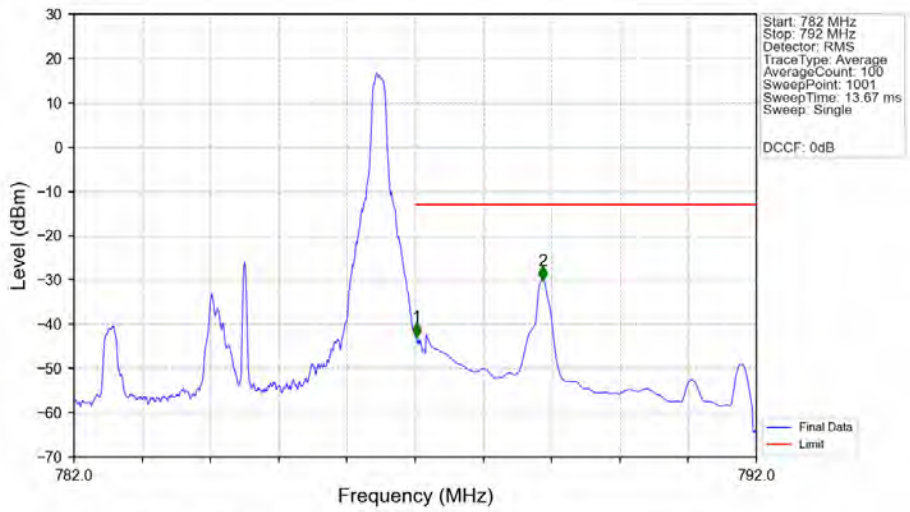

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 1000 | 1 | / | 1 | 1000.000 | -60.78 | -13 | Pass |
| 1000 | 7870 | 1 | / | 2 | 2360.000 | -40.81 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_784.5MHz_Outer_Full_Ant1



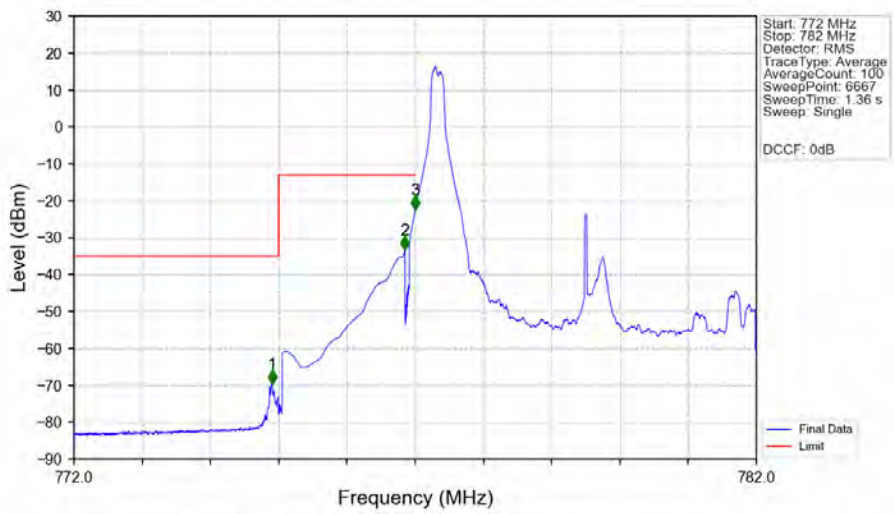

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 782 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.010 | -33.64 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 2 | 787.450 | -36.29 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_784.5MHz_Inner_1RB_Right_Ant1



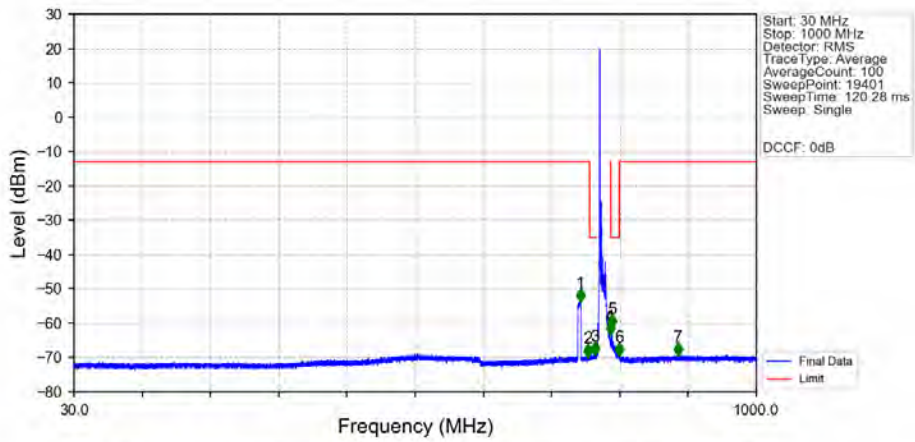

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 782 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.020 | -42.86 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 2 | 788.870 | -30.00 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_779.5MHz_Edge_1RB_Left_Ant1



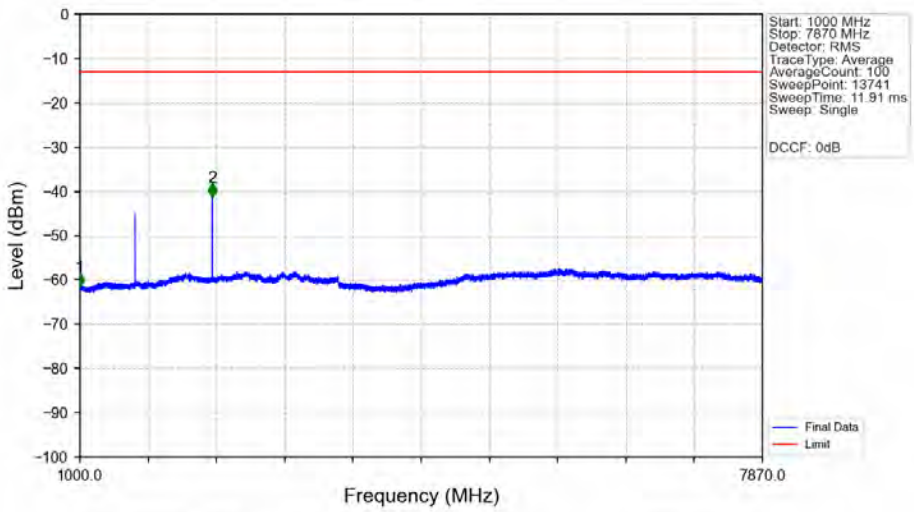

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.903 | -69.62 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -33.43 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.999 | -22.41 | -13 | Pass |
| 777 | 782 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_779.5MHz_Edge_1RB_Left_Ant1



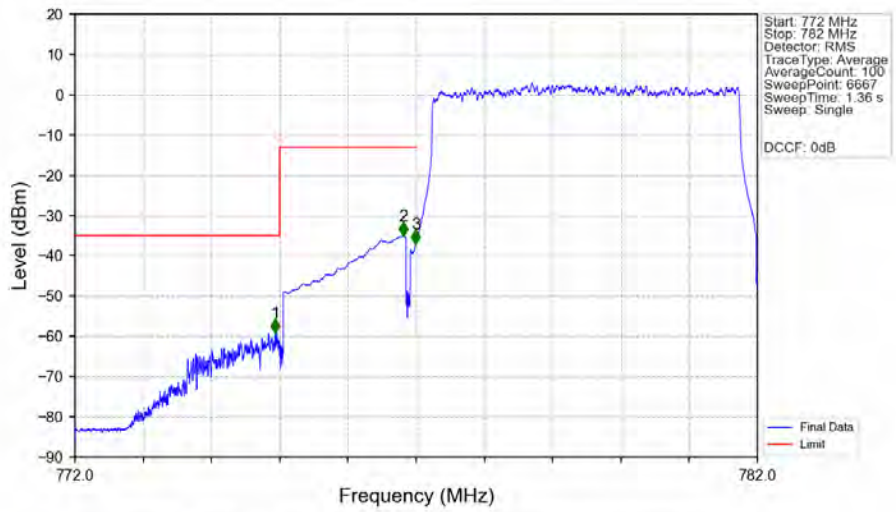

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 758 | 0.1 | / | 1 | 749.650 | -53.56 | -13 | Pass |
| 758 | 763 | 0.1 | / | 2 | 760.850 | -69.69 | -13 | Pass |
| 763 | 775 | 0.1 | / | 3 | 770.600 | -69.05 | -35 | Pass |
| 775 | 792 | 0.1 | / | / | / | / | / | / |
| 792 | 793 | 0.1 | / | 4 | 792.050 | -63.27 | -13 | Pass |
| 793 | 805 | 0.1 | / | 5 | 794.650 | -61.07 | -35 | Pass |
| 805 | 810 | 0.1 | / | 6 | 805.250 | -69.33 | -13 | Pass |
| 810 | 1000 | 0.1 | / | 7 | 888.950 | -69.27 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_779.5MHz_Edge_1RB_Left_Ant1



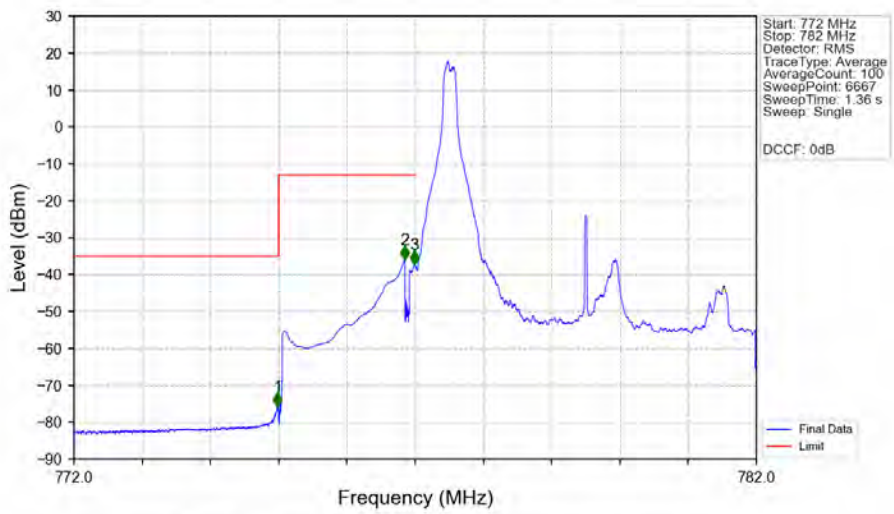

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 1000 | 1 | / | 1 | 1000.000 | -61.47 | -13 | Pass |
| 1000 | 7870 | 1 | / | 2 | 2332.500 | -41.22 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_779.5MHz_Outer_Full_Ant1



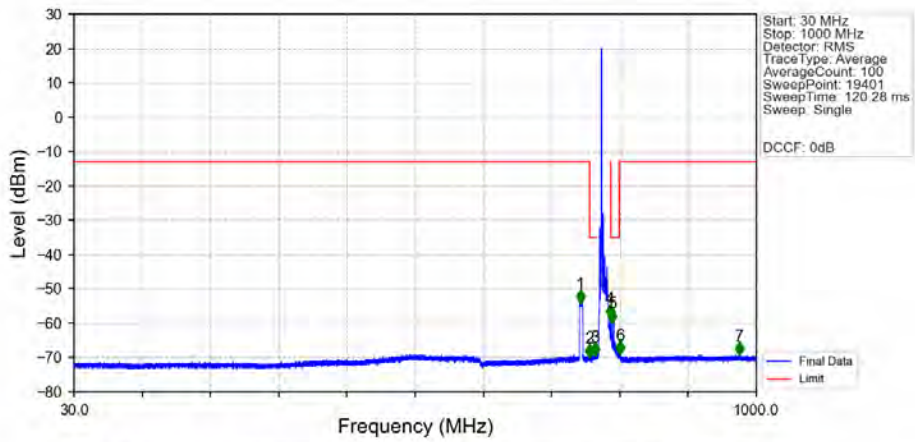

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.934 | -59.02 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.809 | -35.11 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.994 | -37.11 | -13 | Pass |
| 777 | 782 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_779.5MHz_Inner_1RB_Left_Ant1



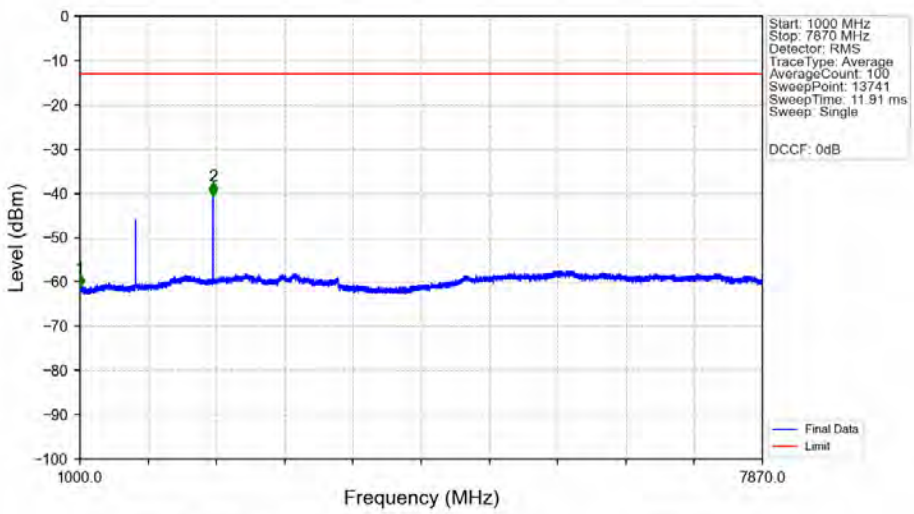

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.981 | -75.72 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -36.05 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.989 | -37.19 | -13 | Pass |
| 777 | 782 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_782MHz_Edge_1RB_Left_Ant1



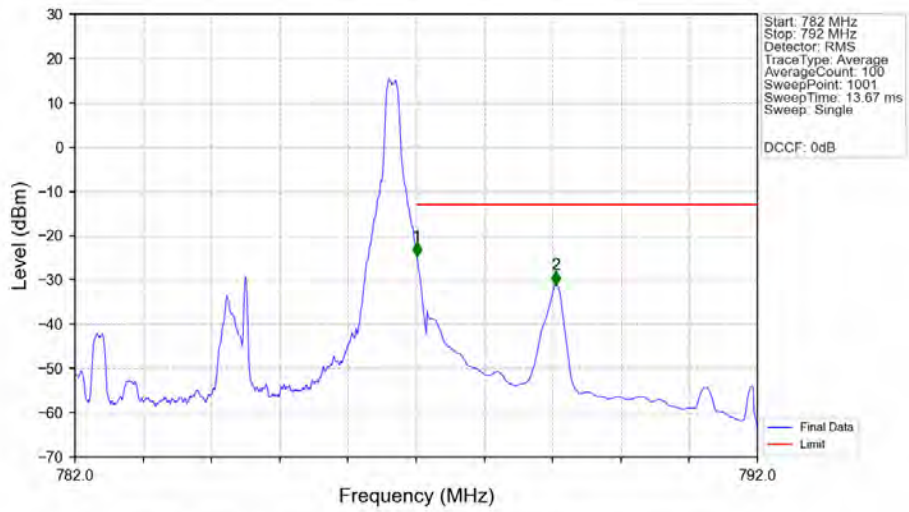

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 758 | 0.1 | / | 1 | 749.500 | -53.92 | -13 | Pass |
| 758 | 763 | 0.1 | / | 2 | 762.950 | -69.66 | -13 | Pass |
| 763 | 775 | 0.1 | / | 3 | 770.250 | -69.40 | -35 | Pass |
| 775 | 792 | 0.1 | / | / | / | / | / | / |
| 792 | 793 | 0.1 | / | 4 | 792.050 | -58.14 | -13 | Pass |
| 793 | 805 | 0.1 | / | 5 | 794.350 | -59.54 | -35 | Pass |
| 805 | 810 | 0.1 | / | 6 | 806.050 | -68.92 | -13 | Pass |
| 810 | 1000 | 0.1 | / | 7 | 975.950 | -69.04 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_782MHz_Edge_1RB_Left_Ant1



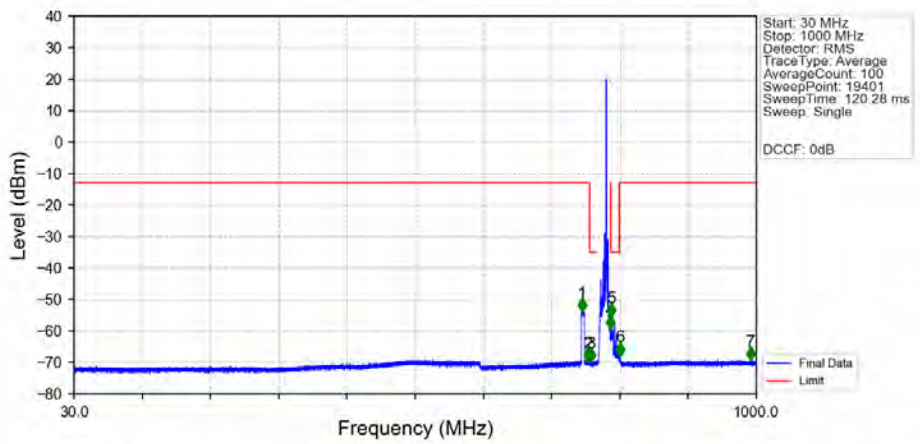

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 1000 | 1 | / | 1 | 1000.000 | -61.37 | -13 | Pass |
| 1000 | 7870 | 1 | / | 2 | 2339.500 | -40.50 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_784.5MHz_Edge_1RB_Right_Ant1



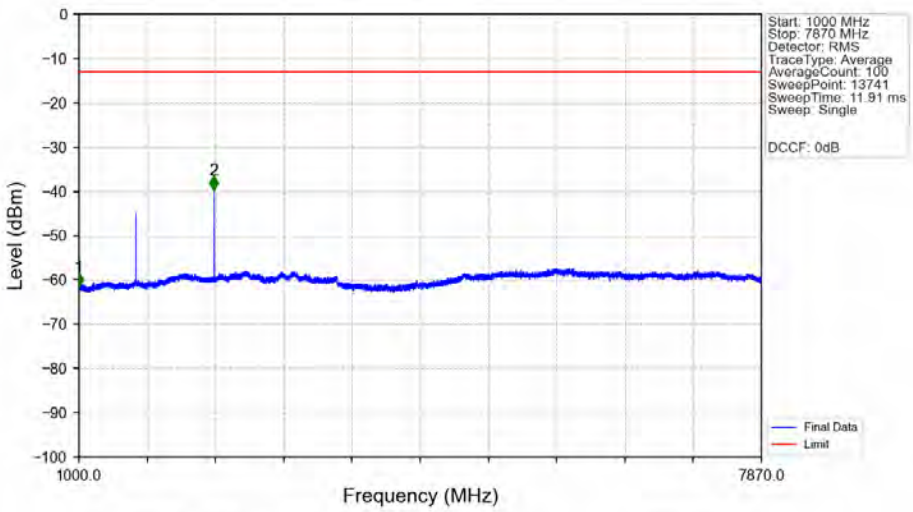

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 782 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.010 | -24.55 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 2 | 789.050 | -31.06 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_784.5MHz_Edge_1RB_Right_Ant1



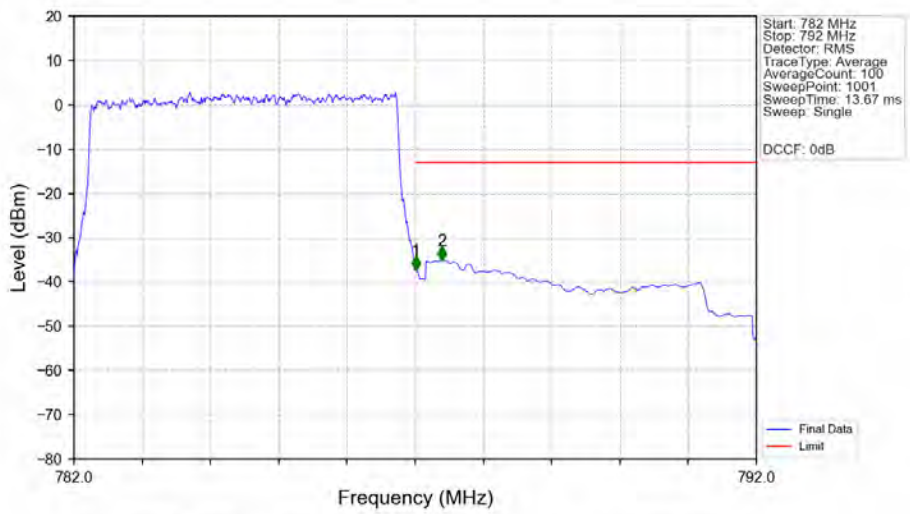

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 758 | 0.1 | / | 1 | 752.000 | -53.76 | -13 | Pass |
| 758 | 763 | 0.1 | / | 2 | 760.750 | -69.60 | -13 | Pass |
| 763 | 775 | 0.1 | / | 3 | 764.550 | -69.61 | -35 | Pass |
| 775 | 792 | 0.1 | / | / | / | / | / | / |
| 792 | 793 | 0.1 | / | 4 | 792.050 | -59.05 | -13 | Pass |
| 793 | 805 | 0.1 | / | 5 | 793.900 | -55.19 | -35 | Pass |
| 805 | 810 | 0.1 | / | 6 | 806.100 | -67.72 | -13 | Pass |
| 810 | 1000 | 0.1 | / | 7 | 991.600 | -69.13 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_784.5MHz_Edge_1RB_Right_Ant1



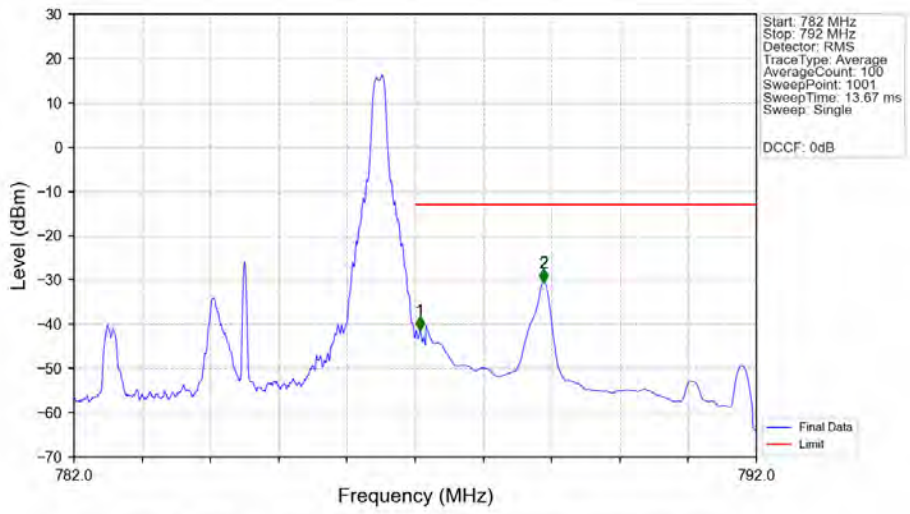

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 1000 | 1 | / | 1 | 1000.000 | -61.51 | -13 | Pass |
| 1000 | 7870 | 1 | / | 2 | 2360.000 | -39.69 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_784.5MHz_Outer_Full_Ant1



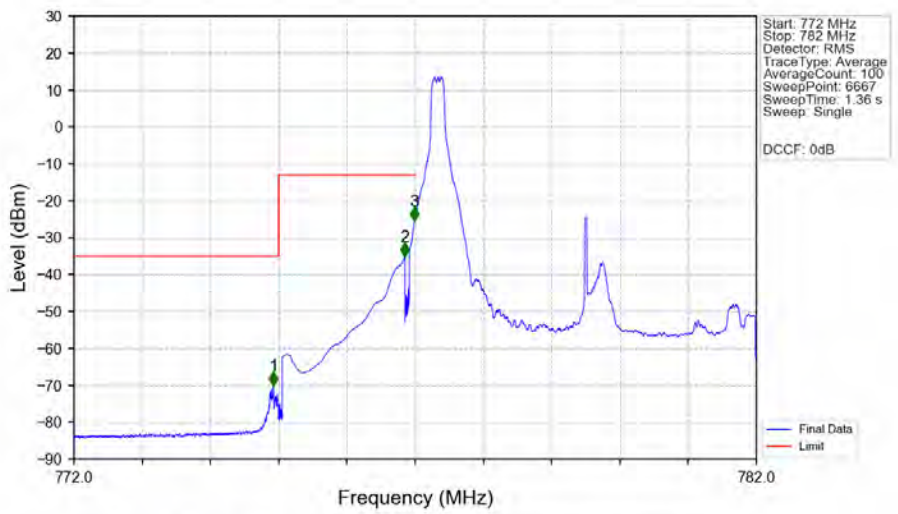

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 782 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.010 | -37.34 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 2 | 787.390 | -35.07 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_784.5MHz_Inner_1RB_Right_Ant1



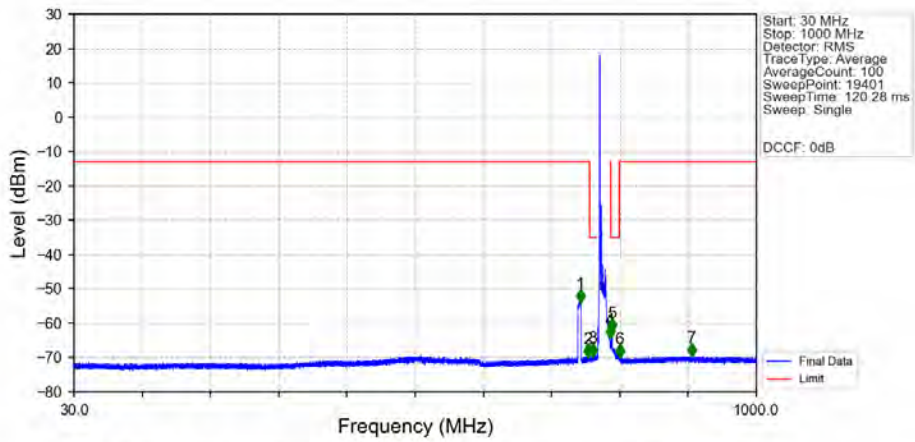

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 782 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.070 | -41.32 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 2 | 788.880 | -30.61 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_779.5MHz_Edge_1RB_Left_Ant1



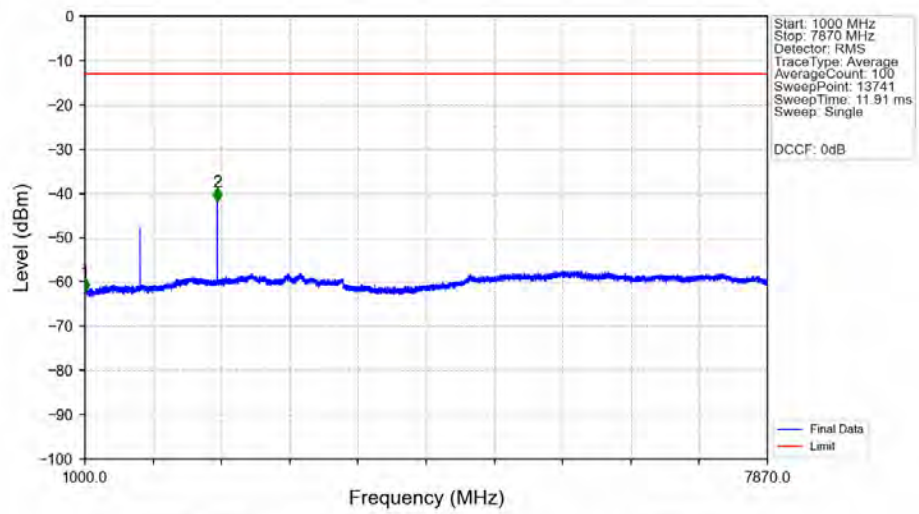

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.922 | -70.02 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -35.05 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.992 | -25.36 | -13 | Pass |
| 777 | 782 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_779.5MHz_Edge_1RB_Left_Ant1



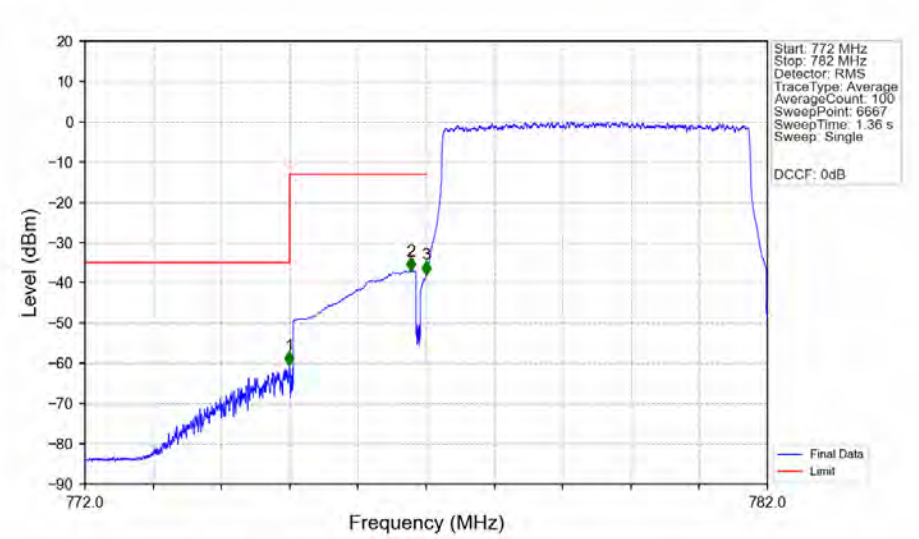

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 758 | 0.1 | / | 1 | 749.750 | -53.75 | -13 | Pass |
| 758 | 763 | 0.1 | / | 2 | 760.650 | -69.87 | -13 | Pass |
| 763 | 775 | 0.1 | / | 3 | 767.150 | -69.53 | -35 | Pass |
| 775 | 792 | 0.1 | / | / | / | / | / | / |
| 792 | 793 | 0.1 | / | 4 | 792.050 | -64.23 | -13 | Pass |
| 793 | 805 | 0.1 | / | 5 | 794.800 | -62.24 | -35 | Pass |
| 805 | 810 | 0.1 | / | 6 | 805.700 | -69.84 | -13 | Pass |
| 810 | 1000 | 0.1 | / | 7 | 908.000 | -69.61 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_779.5MHz_Edge_1RB_Left_Ant1



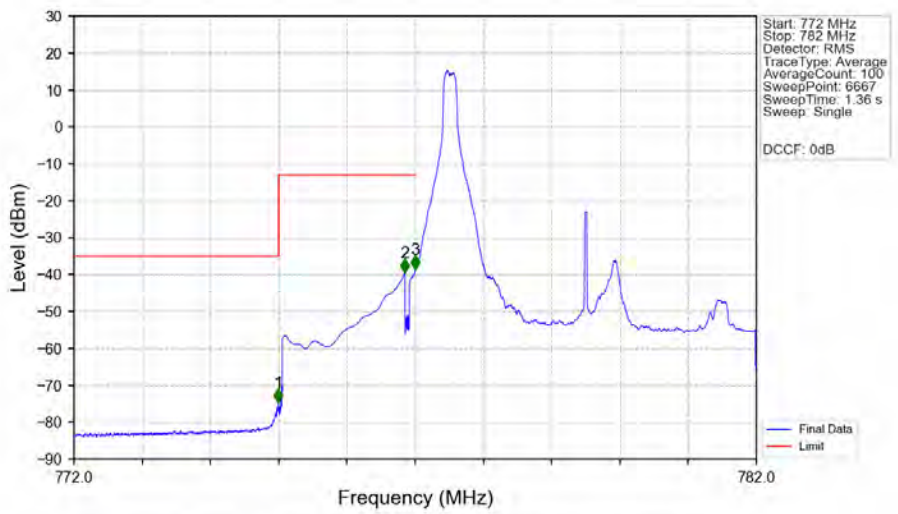

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 1000 | 1 | / | 1 | 1000.000 | -62.26 | -13 | Pass |
| 1000 | 7870 | 1 | / | 2 | 2332.000 | -41.90 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_779.5MHz_Outer_Full_Ant1



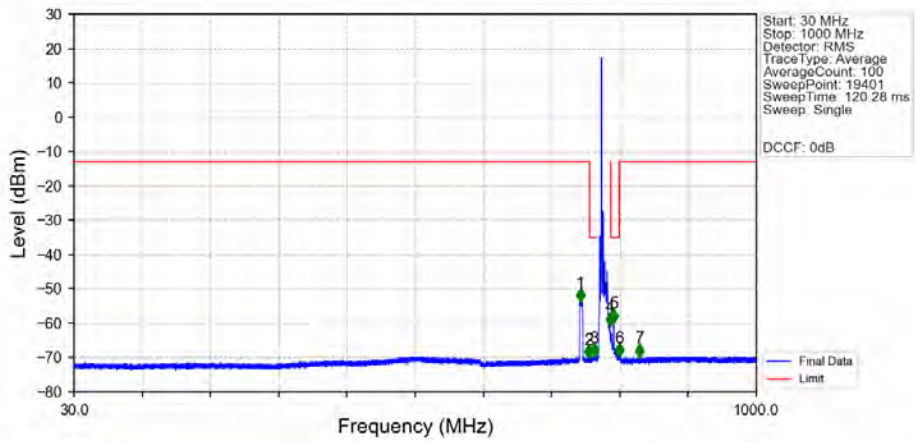

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.996 | -60.57 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.781 | -37.05 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.999 | -37.95 | -13 | Pass |
| 777 | 782 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_779.5MHz_Inner_1RB_Left_Ant1



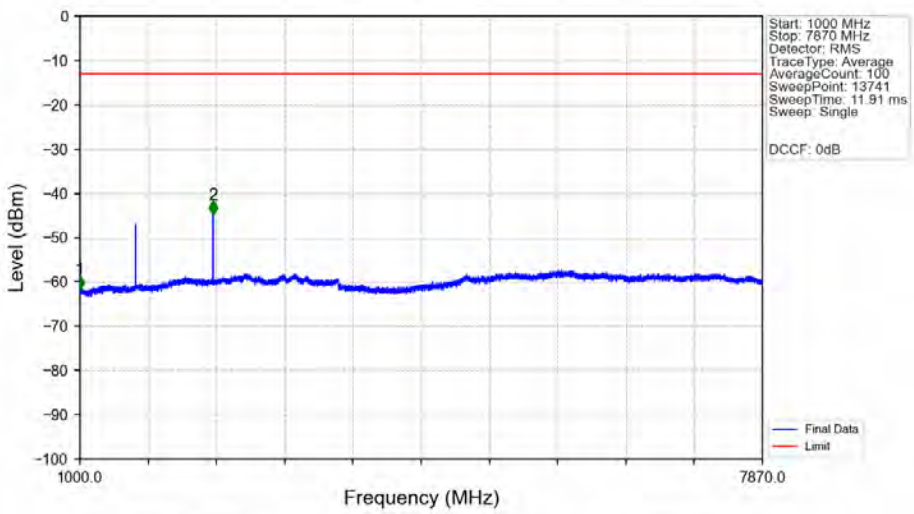

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.996 | -74.57 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -39.43 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.999 | -38.66 | -13 | Pass |
| 777 | 782 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_782MHz_Edge_1RB_Left_Ant1



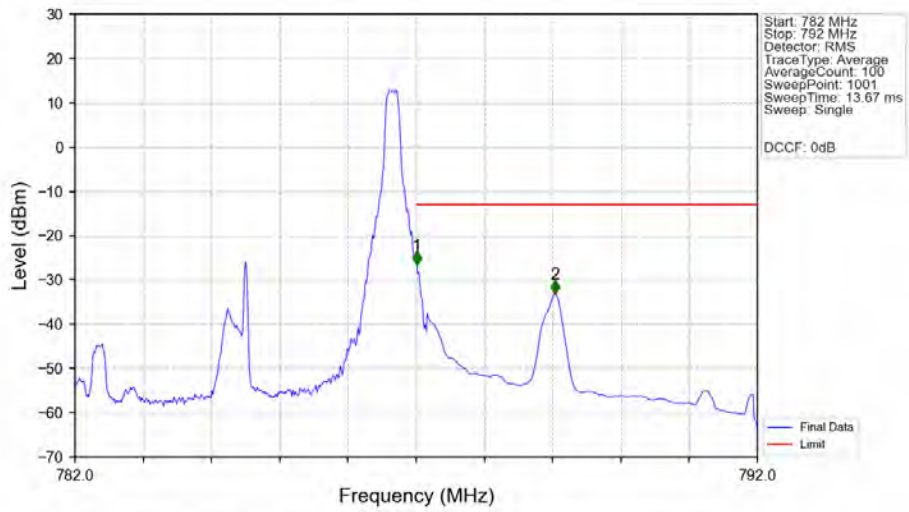

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 758 | 0.1 | / | 1 | 750.050 | -53.59 | -13 | Pass |
| 758 | 763 | 0.1 | / | 2 | 761.250 | -70.01 | -13 | Pass |
| 763 | 775 | 0.1 | / | 3 | 769.100 | -69.53 | -35 | Pass |
| 775 | 792 | 0.1 | / | / | / | / | / | / |
| 792 | 793 | 0.1 | / | 4 | 792.050 | -60.51 | -13 | Pass |
| 793 | 805 | 0.1 | / | 5 | 797.300 | -59.58 | -35 | Pass |
| 805 | 810 | 0.1 | / | 6 | 805.050 | -69.55 | -13 | Pass |
| 810 | 1000 | 0.1 | / | 7 | 834.300 | -69.66 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_782MHz_Edge_1RB_Left_Ant1



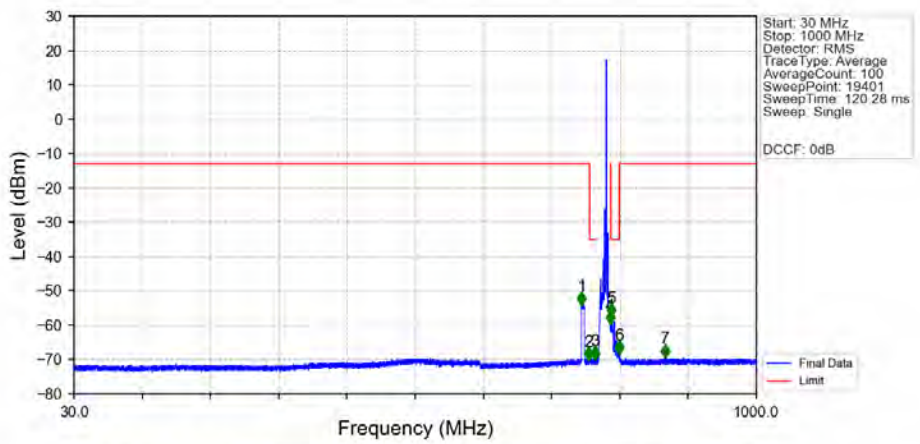

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 1000 | 1 | / | 1 | 1000.000 | -61.60 | -13 | Pass |
| 1000 | 7870 | 1 | / | 2 | 2339.500 | -44.79 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_784.5MHz_Edge_1RB_Right_Ant1



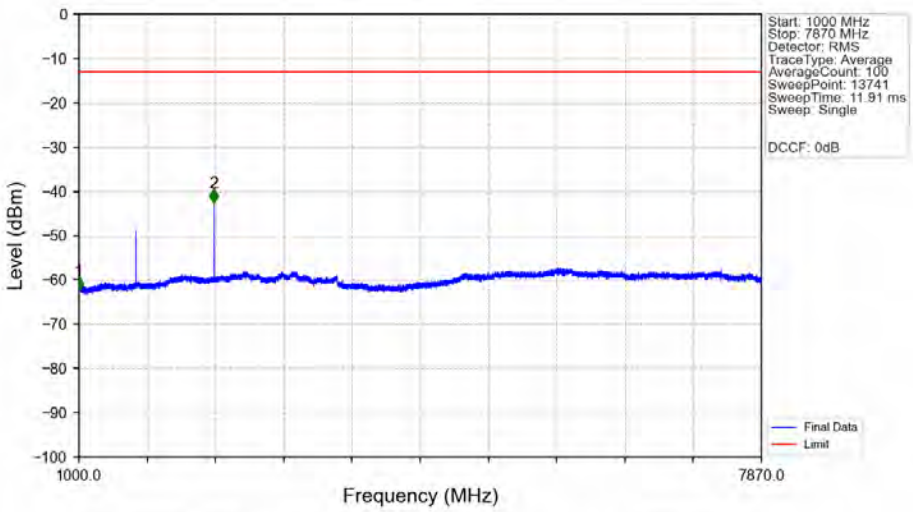

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 782 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.010 | -26.53 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 2 | 789.030 | -33.20 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_784.5MHz_Edge_1RB_Right_Ant1



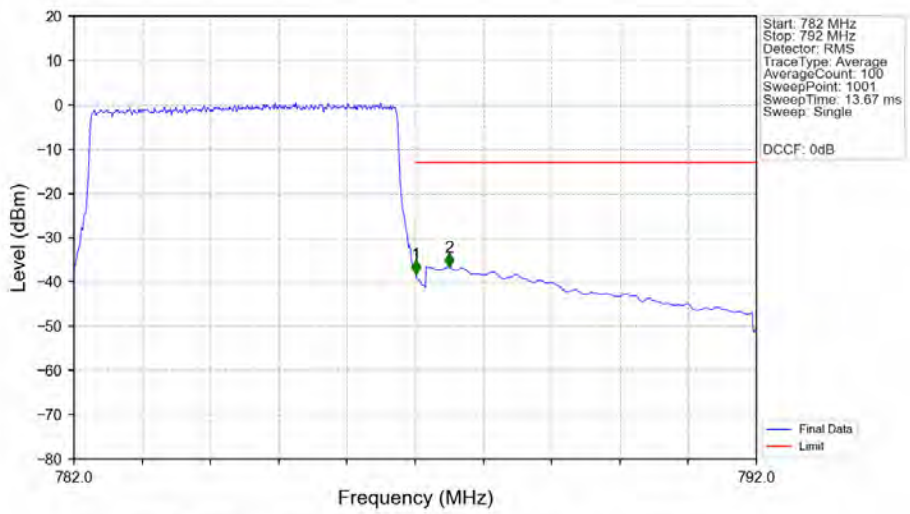

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 758 | 0.1 | / | 1 | 751.700 | -53.93 | -13 | Pass |
| 758 | 763 | 0.1 | / | 2 | 761.200 | -69.95 | -13 | Pass |
| 763 | 775 | 0.1 | / | 3 | 771.050 | -69.83 | -35 | Pass |
| 775 | 792 | 0.1 | / | / | / | / | / | / |
| 792 | 793 | 0.1 | / | 4 | 792.050 | -59.52 | -13 | Pass |
| 793 | 805 | 0.1 | / | 5 | 793.600 | -57.36 | -35 | Pass |
| 805 | 810 | 0.1 | / | 6 | 805.100 | -68.09 | -13 | Pass |
| 810 | 1000 | 0.1 | / | 7 | 870.000 | -69.18 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_784.5MHz_Edge_1RB_Right_Ant1



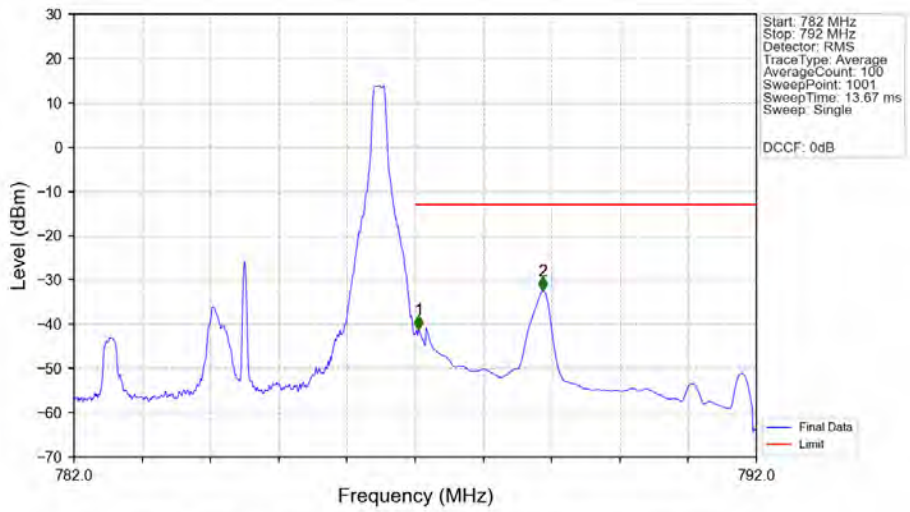

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 1000 | 1 | / | 1 | 1000.000 | -62.39 | -13 | Pass |
| 1000 | 7870 | 1 | / | 2 | 2360.000 | -42.50 | -13 | Pass |

n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_784.5MHz_Outer_Full_Ant1




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 782 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.010 | -38.25 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 2 | 787.500 | -36.54 | -13 | Pass |

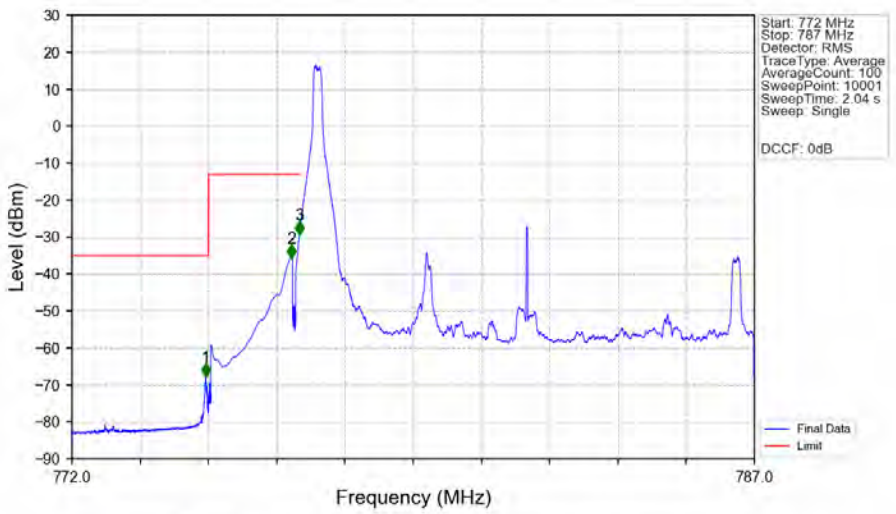
n13_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_784.5MHz_Inner_1RB_Right_Ant1




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 782 | 787 | 0.03 | / | / | / | / | / | / |
| 787 | 787.1 | 0.03 | / | 1 | 787.050 | -41.13 | -13 | Pass |
| 787.1 | 792 | 0.1 | CHP | 2 | 788.870 | -32.40 | -13 | Pass |

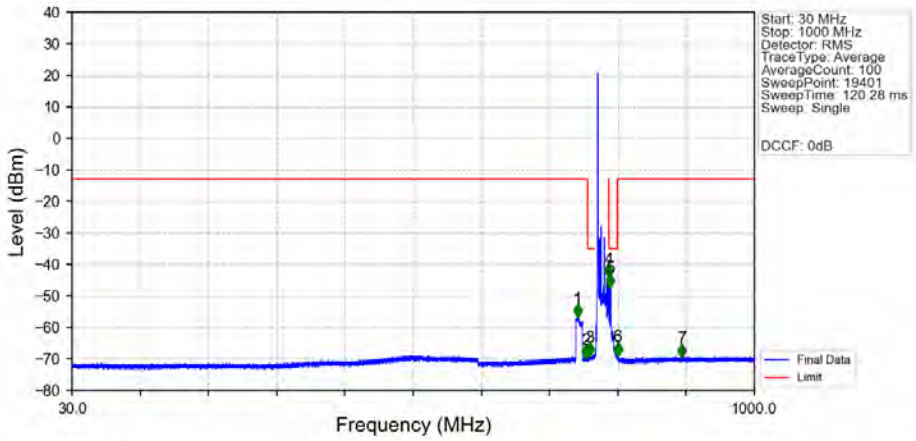
## 5.2.2 15k_SISO_10MHz_NTNV

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_782MHz_Edge_1RB_Left_Ant1



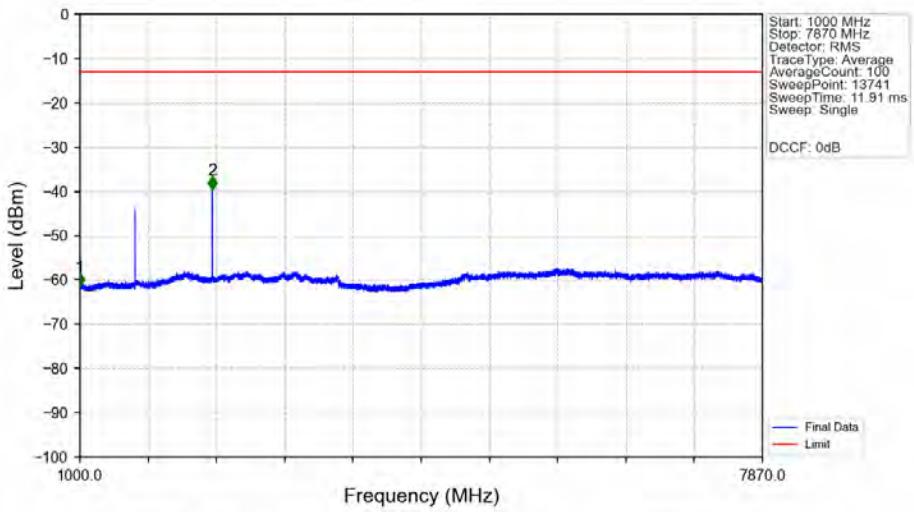

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.940 | -67.82 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.827 | -35.75 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 777.000 | -29.32 | -13 | Pass |
| 777 | 787 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_782MHz_Edge_1RB_Left_Ant1



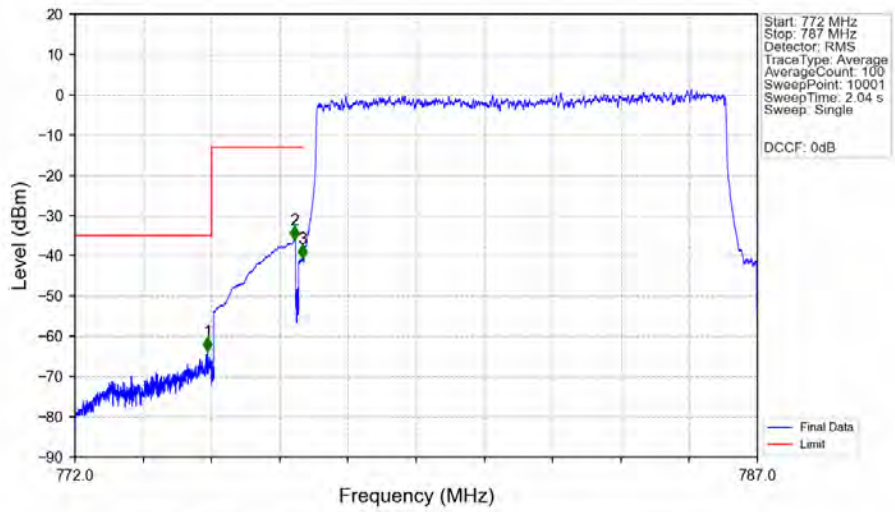

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 758 | 0.1 | / | 1 | 748.500 | -56.53 | -13 | Pass |
| 758 | 763 | 0.1 | / | 2 | 760.500 | -69.64 | -13 | Pass |
| 763 | 775 | 0.1 | / | 3 | 766.450 | -68.80 | -35 | Pass |
| 775 | 792 | 0.1 | / | / | / | / | / | / |
| 792 | 793 | 0.1 | / | 4 | 792.750 | -44.02 | -13 | Pass |
| 793 | 805 | 0.1 | / | 5 | 794.200 | -46.94 | -35 | Pass |
| 805 | 810 | 0.1 | / | 6 | 805.700 | -68.71 | -13 | Pass |
| 810 | 1000 | 0.1 | / | 7 | 897.350 | -69.22 | -13 | Pass |

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_782MHz_Edge_1RB_Left_Ant1



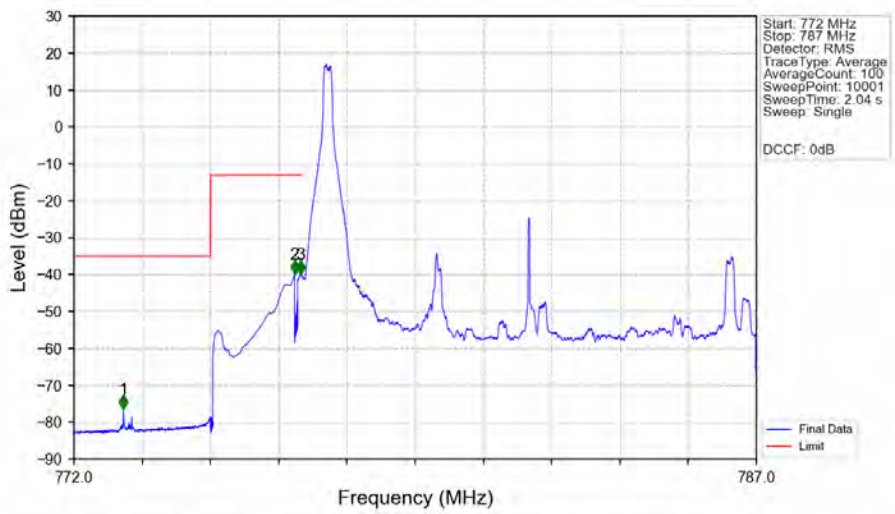

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 1000 | 1 | / | 1 | 1000.000 | -61.54 | -13 | Pass |
| 1000 | 7870 | 1 | / | 2 | 2332.500 | -39.57 | -13 | Pass |

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_782MHz_Outer_Full_Ant1



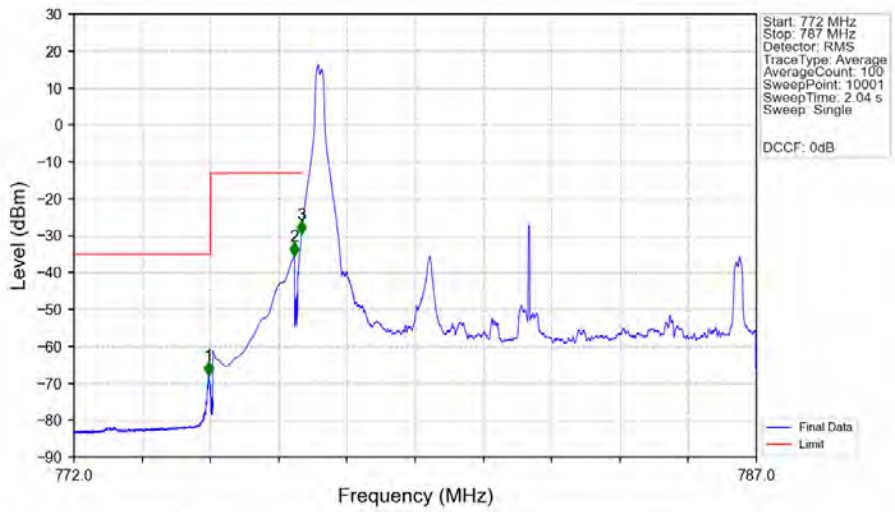

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.914 | -63.67 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.819 | -36.13 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 777.000 | -40.64 | -13 | Pass |
| 777 | 787 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_782MHz_Inner_1RB_Left_Ant1



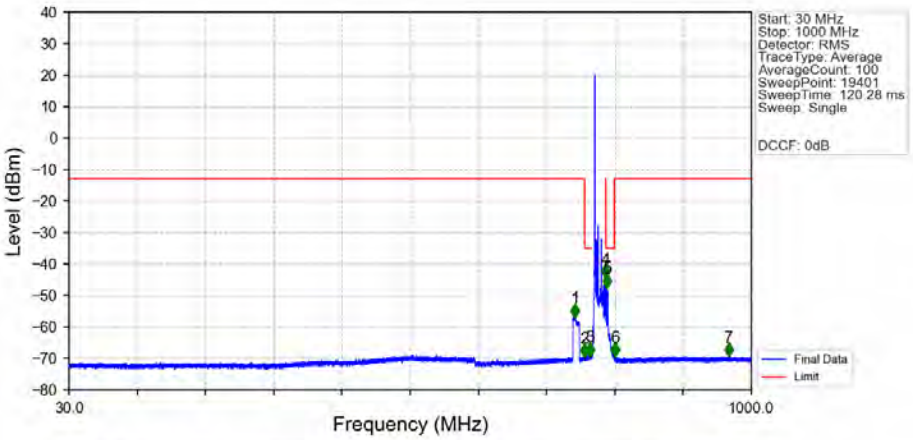

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 773.087 | -76.29 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -39.90 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.977 | -39.91 | -13 | Pass |
| 777 | 787 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_782MHz_Edge_1RB_Left_Ant1



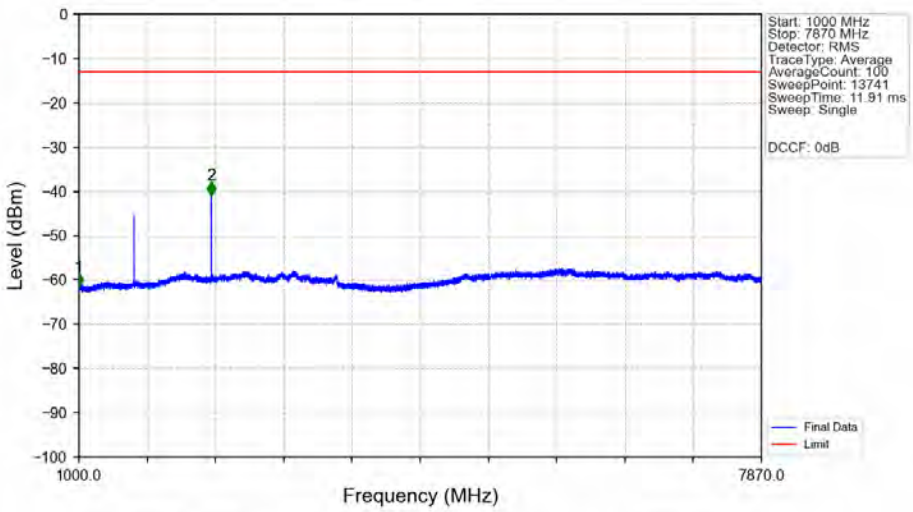

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.960 | -67.86 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.846 | -35.57 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 777.000 | -29.60 | -13 | Pass |
| 777 | 787 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_782MHz_Edge_1RB_Left_Ant1



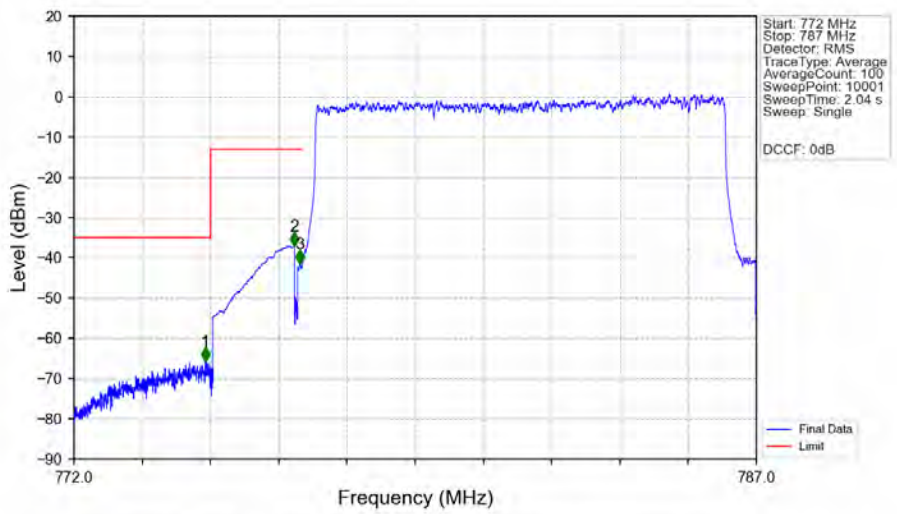

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 758 | 0.1 | / | 1 | 749.000 | -56.71 | -13 | Pass |
| 758 | 763 | 0.1 | / | 2 | 762.550 | -69.42 | -13 | Pass |
| 763 | 775 | 0.1 | / | 3 | 770.750 | -69.00 | -35 | Pass |
| 775 | 792 | 0.1 | / | / | / | / | / | / |
| 792 | 793 | 0.1 | / | 4 | 792.700 | -44.17 | -13 | Pass |
| 793 | 805 | 0.1 | / | 5 | 794.200 | -47.21 | -35 | Pass |
| 805 | 810 | 0.1 | / | 6 | 806.000 | -69.08 | -13 | Pass |
| 810 | 1000 | 0.1 | / | 7 | 968.200 | -69.19 | -13 | Pass |

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_782MHz_Edge_1RB_Left_Ant1



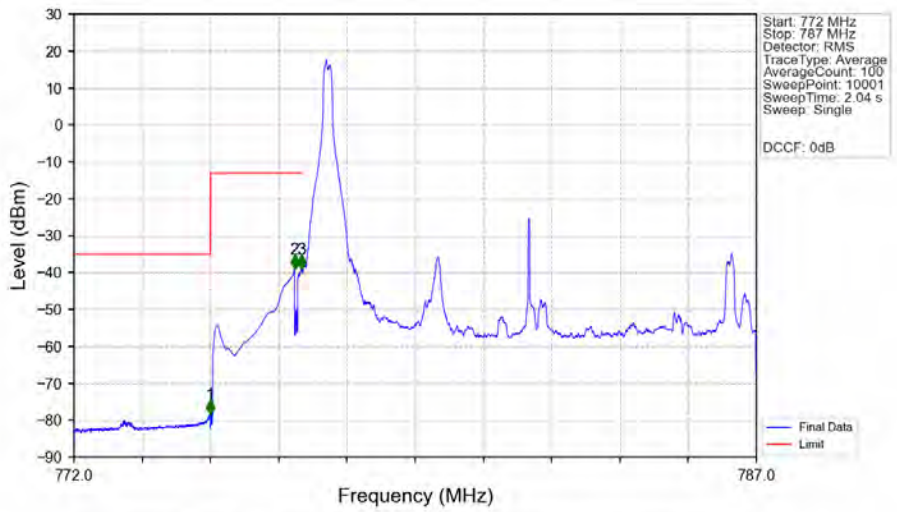

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 1000 | 1 | / | 1 | 1000.000 | -61.58 | -13 | Pass |
| 1000 | 7870 | 1 | / | 2 | 2332.500 | -40.84 | -13 | Pass |

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_782MHz_Outer_Full_Ant1



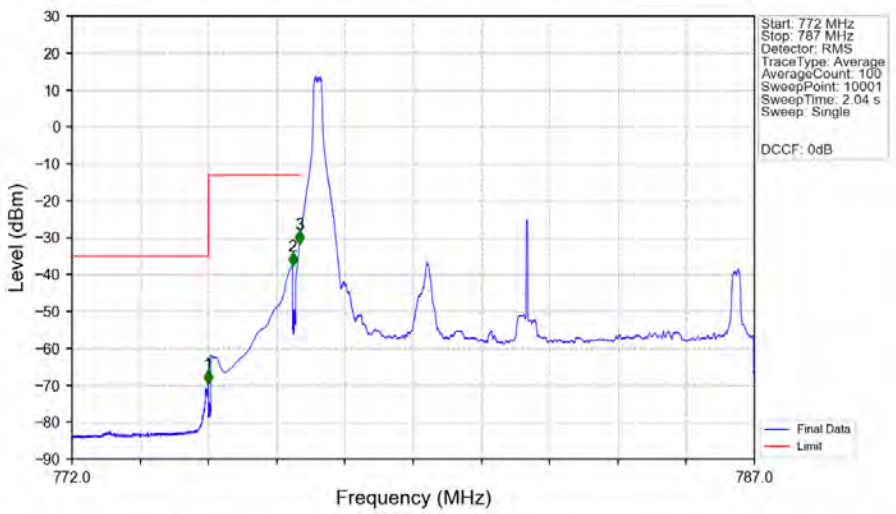

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.886 | -65.78 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.839 | -37.03 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.966 | -41.50 | -13 | Pass |
| 777 | 787 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_782MHz_Inner_1RB_Left_Ant1



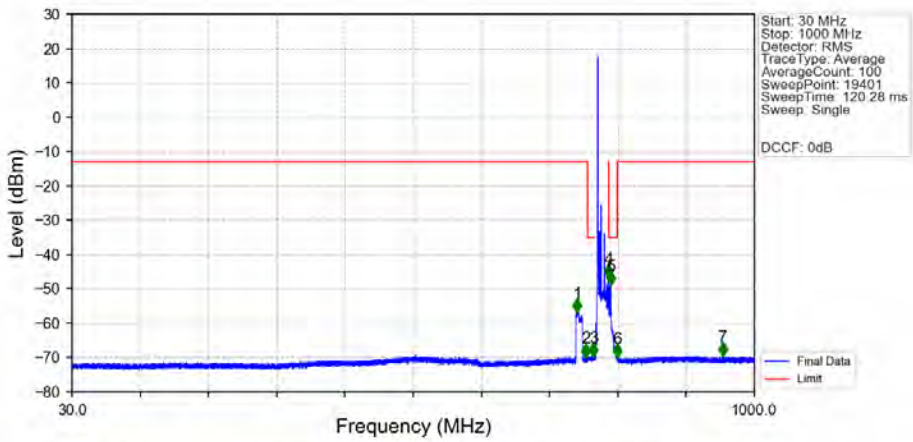

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.994 | -78.45 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -38.98 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.994 | -39.10 | -13 | Pass |
| 777 | 787 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_782MHz_Edge_1RB_Left_Ant1



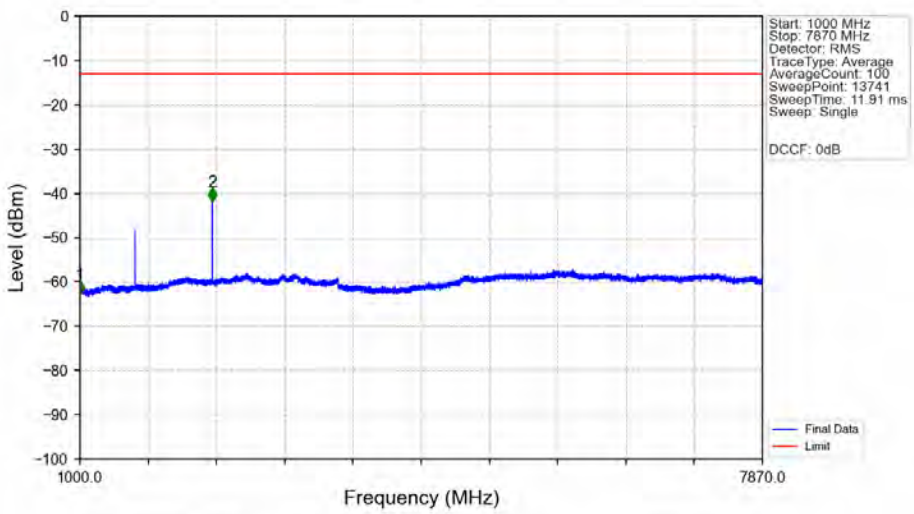

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.988 | -69.64 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -37.73 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 777.000 | -31.78 | -13 | Pass |
| 777 | 787 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_782MHz_Edge_1RB_Left_Ant1



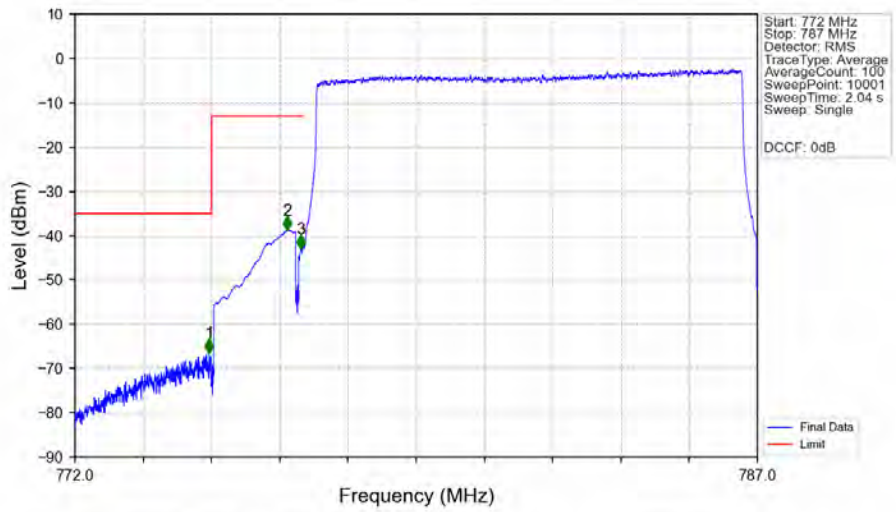

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 758 | 0.1 | / | 1 | 748.250 | -56.60 | -13 | Pass |
| 758 | 763 | 0.1 | / | 2 | 760.450 | -69.70 | -13 | Pass |
| 763 | 775 | 0.1 | / | 3 | 771.250 | -69.58 | -35 | Pass |
| 775 | 792 | 0.1 | / | / | / | / | / | / |
| 792 | 793 | 0.1 | / | 4 | 792.700 | -46.48 | -13 | Pass |
| 793 | 805 | 0.1 | / | 5 | 795.900 | -48.59 | -35 | Pass |
| 805 | 810 | 0.1 | / | 6 | 805.650 | -69.80 | -13 | Pass |
| 810 | 1000 | 0.1 | / | 7 | 954.900 | -69.31 | -13 | Pass |

n13_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_782MHz_Edge_1RB_Left_Ant1



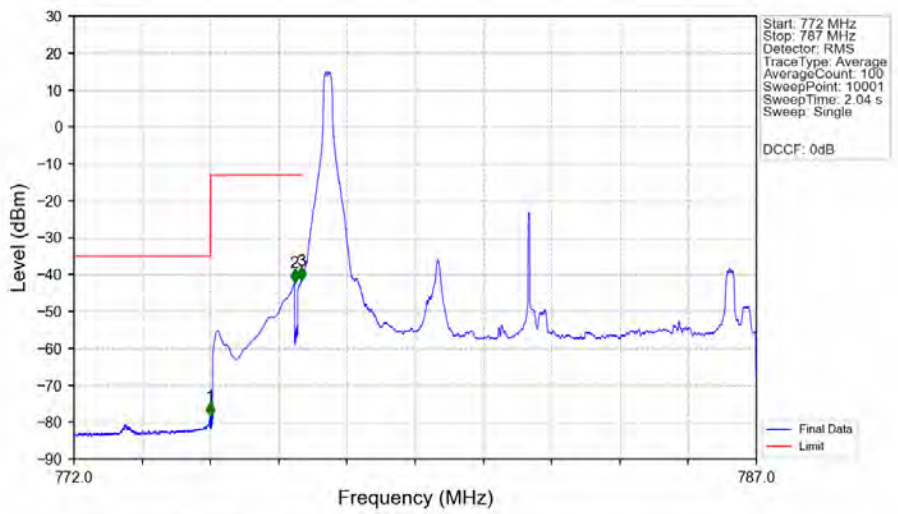

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 1000 | 1 | / | 1 | 1000.000 | -62.83 | -13 | Pass |
| 1000 | 7870 | 1 | / | 2 | 2332.500 | -41.90 | -13 | Pass |

n13_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_782MHz_Outer_Full_Ant1




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.951 | -66.51 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.671 | -38.68 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 776.962 | -43.01 | -13 | Pass |
| 777 | 787 | 0.03 | CHP | / | / | / | / | / |

n13_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_782MHz_Inner_1RB_Left_Ant1




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 772 | 775 | 0.00625 | CHP | 1 | 774.995 | -78.28 | -35 | Pass |
| 775 | 776.9 | 0.1 | CHP | 2 | 776.850 | -42.18 | -13 | Pass |
| 776.9 | 777 | 0.03 | CHP | 3 | 777.000 | -41.57 | -13 | Pass |
| 777 | 787 | 0.03 | CHP | / | / | / | / | / |