# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 15k_SISO_5MHz_NTNV_EIRP

| 5G NR n66 SCS=15kHz SISO 5MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 1712.5 | Edge_1RB_Left | 21.57 | / | / | 23.02 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.67 | / | / | 23.12 | / | / | <=30 | Pass |
| | | Outer_Full | 21.35 | / | / | 22.80 | / | / | <=30 | Pass |
| | | Inner_Full | 22.18 | / | / | 23.63 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.21 | / | / | 23.66 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.43 | / | / | 23.88 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 22.70 | / | / | 24.15 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.66 | / | / | 24.11 | / | / | <=30 | Pass |
| | | Outer_Full | 22.58 | / | / | 24.03 | / | / | <=30 | Pass |
| | | Inner_Full | 23.14 | / | / | 24.59 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.08 | / | / | 24.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.11 | / | / | 24.56 | / | / | <=30 | Pass |
| | 1777.5 | Edge_1RB_Left | 22.76 | / | / | 24.21 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.76 | / | / | 24.21 | / | / | <=30 | Pass |
| | | Outer_Full | 22.73 | / | / | 24.18 | / | / | <=30 | Pass |
| | | Inner_Full | 23.28 | / | / | 24.73 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.39 | / | / | 24.84 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.35 | / | / | 24.80 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK | 1712.5 | Edge_1RB_Left | 21.32 | / | / | 22.77 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.64 | / | / | 23.09 | / | / | <=30 | Pass |
| | | Outer_Full | 21.24 | / | / | 22.69 | / | / | <=30 | Pass |
| | | Inner_Full | 22.08 | / | / | 23.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.16 | / | / | 23.61 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.40 | / | / | 23.85 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 22.14 | / | / | 23.59 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.21 | / | / | 23.66 | / | / | <=30 | Pass |
| | | Outer_Full | 22.19 | / | / | 23.64 | / | / | <=30 | Pass |
| | | Inner_Full | 23.15 | / | / | 24.60 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.21 | / | / | 24.66 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.15 | / | / | 24.60 | / | / | <=30 | Pass |
| | 1777.5 | Edge_1RB_Left | 22.18 | / | / | 23.63 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.34 | / | / | 23.79 | / | / | <=30 | Pass |
| | | Outer_Full | 21.82 | / | / | 23.27 | / | / | <=30 | Pass |
| | | Inner_Full | 22.66 | / | / | 24.11 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.86 | / | / | 24.31 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.21 | / | / | 24.66 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 1712.5 | Edge_1RB_Left | 20.17 | / | / | 21.62 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.58 | / | / | 22.03 | / | / | <=30 | Pass |
| | | Outer_Full | 20.37 | / | / | 21.82 | / | / | <=30 | Pass |
| | | Inner_Full | 21.25 | / | / | 22.70 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.14 | / | / | 22.59 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.42 | / | / | 22.87 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 21.22 | / | / | 22.67 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.19 | / | / | 22.64 | / | / | <=30 | Pass |
| | | Outer_Full | 21.17 | / | / | 22.62 | / | / | <=30 | Pass |
| | | Inner_Full | 22.25 | / | / | 23.70 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.21 | / | / | 23.66 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.16 | / | / | 23.61 | / | / | <=30 | Pass |
| | 1777.5 | Edge_1RB_Left | 20.90 | / | / | 22.35 | / | / | <=30 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 21.34 | / | / | 22.79 | / | / | <=30 | Pass |
| | | Outer_Full | 20.91 | / | / | 22.36 | / | / | <=30 | Pass |
| | | Inner_Full | 21.79 | / | / | 23.24 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.84 | / | / | 23.29 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.26 | / | / | 23.71 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 1712.5 | Edge_1RB_Left | 19.80 | / | / | 21.25 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.25 | / | / | 21.70 | / | / | <=30 | Pass |
| | | Outer_Full | 19.86 | / | / | 21.31 | / | / | <=30 | Pass |
| | | Inner_Full | 19.79 | / | / | 21.24 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.83 | / | / | 21.28 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.18 | / | / | 21.63 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 20.80 | / | / | 22.25 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.77 | / | / | 22.22 | / | / | <=30 | Pass |
| | | Outer_Full | 20.68 | / | / | 22.13 | / | / | <=30 | Pass |
| | | Inner_Full | 20.81 | / | / | 22.26 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.79 | / | / | 22.24 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.79 | / | / | 22.24 | / | / | <=30 | Pass |
| | 1777.5 | Edge_1RB_Left | 20.58 | / | / | 22.03 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.90 | / | / | 22.35 | / | / | <=30 | Pass |
| | | Outer_Full | 20.52 | / | / | 21.97 | / | / | <=30 | Pass |
| | | Inner_Full | 20.48 | / | / | 21.93 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.75 | / | / | 22.20 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.97 | / | / | 22.42 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 1712.5 | Edge_1RB_Left | 17.97 | / | / | 19.42 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.34 | / | / | 19.79 | / | / | <=30 | Pass |
| | | Outer_Full | 18.58 | / | / | 20.03 | / | / | <=30 | Pass |
| | | Inner_Full | 18.48 | / | / | 19.93 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 17.90 | / | / | 19.35 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.29 | / | / | 19.74 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 18.06 | / | / | 19.51 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.62 | / | / | 20.07 | / | / | <=30 | Pass |
| | | Outer_Full | 18.52 | / | / | 19.97 | / | / | <=30 | Pass |
| | | Inner_Full | 18.53 | / | / | 19.98 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.83 | / | / | 20.28 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.64 | / | / | 20.09 | / | / | <=30 | Pass |
| | 1777.5 | Edge_1RB_Left | 18.25 | / | / | 19.70 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.23 | / | / | 19.68 | / | / | <=30 | Pass |
| | | Outer_Full | 18.73 | / | / | 20.18 | / | / | <=30 | Pass |
| | | Inner_Full | 18.80 | / | / | 20.25 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.26 | / | / | 19.71 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.25 | / | / | 19.70 | / | / | <=30 | Pass |
| CP-OFDM QPSK | 1712.5 | Edge_1RB_Left | 20.03 | / | / | 21.48 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.36 | / | / | 21.81 | / | / | <=30 | Pass |
| | | Outer_Full | 19.84 | / | / | 21.29 | / | / | <=30 | Pass |
| | | Inner_Full | 20.55 | / | / | 22.00 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.85 | / | / | 22.30 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.10 | / | / | 22.55 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 20.05 | / | / | 21.50 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.17 | / | / | 21.62 | / | / | <=30 | Pass |
| | | Outer_Full | 20.20 | / | / | 21.65 | / | / | <=30 | Pass |
| | | Inner_Full | 21.80 | / | / | 23.25 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.62 | / | / | 23.07 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.61 | / | / | 23.06 | / | / | <=30 | Pass |
| | 1777.5 | Edge_1RB_Left | 20.42 | / | / | 21.87 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.35 | / | / | 21.80 | / | / | <=30 | Pass |
| | | Outer_Full | 20.31 | / | / | 21.76 | / | / | <=30 | Pass |
| | | Inner_Full | 21.40 | / | / | 22.85 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.59 | / | / | 23.04 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.62 | / | / | 23.07 | / | / | <=30 | Pass |

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|---|---|---|---|---|---|---|---|---|---|---|
| CP-OFDM 16 QAM | 1712.5 | Edge_1RB_Left | 20.07 | / | / | 21.52 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.48 | / | / | 21.93 | / | / | <=30 | Pass |
| | | Outer_Full | 19.86 | / | / | 21.31 | / | / | <=30 | Pass |
| | | Inner_Full | 20.26 | / | / | 21.71 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.49 | / | / | 21.94 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.77 | / | / | 22.22 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 20.11 | / | / | 21.56 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.17 | / | / | 21.62 | / | / | <=30 | Pass |
| | | Outer_Full | 20.23 | / | / | 21.68 | / | / | <=30 | Pass |
| | | Inner_Full | 21.09 | / | / | 22.54 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.13 | / | / | 22.58 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.11 | / | / | 22.56 | / | / | <=30 | Pass |
| | 1777.5 | Edge_1RB_Left | 20.37 | / | / | 21.82 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.23 | / | / | 21.68 | / | / | <=30 | Pass |
| | | Outer_Full | 20.40 | / | / | 21.85 | / | / | <=30 | Pass |
| | | Inner_Full | 20.85 | / | / | 22.30 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.10 | / | / | 22.55 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.30 | / | / | 22.75 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 1712.5 | Edge_1RB_Left | 19.53 | / | / | 20.98 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 19.63 | / | / | 21.08 | / | / | <=30 | Pass |
| | | Outer_Full | 19.94 | / | / | 21.39 | / | / | <=30 | Pass |
| | | Inner_Full | 19.70 | / | / | 21.15 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.50 | / | / | 20.95 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 19.58 | / | / | 21.03 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 19.75 | / | / | 21.20 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 19.71 | / | / | 21.16 | / | / | <=30 | Pass |
| | | Outer_Full | 19.73 | / | / | 21.18 | / | / | <=30 | Pass |
| | | Inner_Full | 19.74 | / | / | 21.19 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.67 | / | / | 21.12 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 19.65 | / | / | 21.10 | / | / | <=30 | Pass |
| | 1777.5 | Edge_1RB_Left | 19.85 | / | / | 21.30 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 19.74 | / | / | 21.19 | / | / | <=30 | Pass |
| | | Outer_Full | 19.71 | / | / | 21.16 | / | / | <=30 | Pass |
| | | Inner_Full | 19.83 | / | / | 21.28 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.69 | / | / | 21.14 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 19.78 | / | / | 21.23 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 1712.5 | Edge_1RB_Left | 16.54 | / | / | 17.99 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 16.46 | / | / | 17.91 | / | / | <=30 | Pass |
| | | Outer_Full | 16.99 | / | / | 18.44 | / | / | <=30 | Pass |
| | | Inner_Full | 16.97 | / | / | 18.42 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 16.43 | / | / | 17.88 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 16.40 | / | / | 17.85 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 16.26 | / | / | 17.71 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 16.25 | / | / | 17.70 | / | / | <=30 | Pass |
| | | Outer_Full | 16.66 | / | / | 18.11 | / | / | <=30 | Pass |
| | | Inner_Full | 16.72 | / | / | 18.17 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 16.25 | / | / | 17.70 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 16.20 | / | / | 17.65 | / | / | <=30 | Pass |
| | 1777.5 | Edge_1RB_Left | 16.33 | / | / | 17.78 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 16.34 | / | / | 17.79 | / | / | <=30 | Pass |
| | | Outer_Full | 16.84 | / | / | 18.29 | / | / | <=30 | Pass |
| | | Inner_Full | 16.90 | / | / | 18.35 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 16.33 | / | / | 17.78 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 16.35 | / | / | 17.80 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant1: 1.45dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain | | | | | | | | | | |

### 1.1.2 15k_SISO_10MHz_NTNV_EIRP

| 5G NR n66 SCS=15kHz SISO 10MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 1715 | Edge_1RB_Left | 22.94 | / | / | 24.39 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 23.12 | / | / | 24.57 | / | / | <=30 | Pass |
| | | Outer_Full | 22.91 | / | / | 24.36 | / | / | <=30 | Pass |
| | | Inner_Full | 23.42 | / | / | 24.87 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.30 | / | / | 24.75 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.48 | / | / | 24.93 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 22.71 | / | / | 24.16 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.72 | / | / | 24.17 | / | / | <=30 | Pass |
| | | Outer_Full | 22.64 | / | / | 24.09 | / | / | <=30 | Pass |
| | | Inner_Full | 23.06 | / | / | 24.51 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.13 | / | / | 24.58 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.22 | / | / | 24.67 | / | / | <=30 | Pass |
| | 1775 | Edge_1RB_Left | 22.80 | / | / | 24.25 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.92 | / | / | 24.37 | / | / | <=30 | Pass |
| | | Outer_Full | 22.91 | / | / | 24.36 | / | / | <=30 | Pass |
| | | Inner_Full | 23.40 | / | / | 24.85 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.32 | / | / | 24.77 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.34 | / | / | 24.79 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK | 1715 | Edge_1RB_Left | 21.49 | / | / | 22.94 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.21 | / | / | 23.66 | / | / | <=30 | Pass |
| | | Outer_Full | 21.60 | / | / | 23.05 | / | / | <=30 | Pass |
| | | Inner_Full | 22.49 | / | / | 23.94 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.41 | / | / | 23.86 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.06 | / | / | 24.51 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 22.15 | / | / | 23.60 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.12 | / | / | 23.57 | / | / | <=30 | Pass |
| | | Outer_Full | 22.18 | / | / | 23.63 | / | / | <=30 | Pass |
| | | Inner_Full | 23.10 | / | / | 24.55 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.21 | / | / | 24.66 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.12 | / | / | 24.57 | / | / | <=30 | Pass |
| | 1775 | Edge_1RB_Left | 22.38 | / | / | 23.83 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.30 | / | / | 23.75 | / | / | <=30 | Pass |
| | | Outer_Full | 21.88 | / | / | 23.33 | / | / | <=30 | Pass |
| | | Inner_Full | 22.58 | / | / | 24.03 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.37 | / | / | 24.82 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.17 | / | / | 24.62 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 1715 | Edge_1RB_Left | 20.41 | / | / | 21.86 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.16 | / | / | 22.61 | / | / | <=30 | Pass |
| | | Outer_Full | 20.72 | / | / | 22.17 | / | / | <=30 | Pass |
| | | Inner_Full | 21.63 | / | / | 23.08 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.42 | / | / | 22.87 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.15 | / | / | 23.60 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 21.24 | / | / | 22.69 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.23 | / | / | 22.68 | / | / | <=30 | Pass |
| | | Outer_Full | 21.13 | / | / | 22.58 | / | / | <=30 | Pass |
| | | Inner_Full | 22.22 | / | / | 23.67 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.21 | / | / | 23.66 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.24 | / | / | 23.69 | / | / | <=30 | Pass |
| | 1775 | Edge_1RB_Left | 21.43 | / | / | 22.88 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.17 | / | / | 22.62 | / | / | <=30 | Pass |
| | | Outer_Full | 20.97 | / | / | 22.42 | / | / | <=30 | Pass |
| | | Inner_Full | 21.72 | / | / | 23.17 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.42 | / | / | 23.87 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.12 | / | / | 23.57 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 1715 | Edge_1RB_Left | 20.06 | / | / | 21.51 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.86 | / | / | 22.31 | / | / | <=30 | Pass |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | Outer_Full | 20.33 | / | / | 21.78 | / | / | <=30 | Pass |
| | | Inner_Full | 20.17 | / | / | 21.62 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.09 | / | / | 21.54 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.84 | / | / | 22.29 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 20.94 | / | / | 22.39 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.81 | / | / | 22.26 | / | / | <=30 | Pass |
| | | Outer_Full | 20.71 | / | / | 22.16 | / | / | <=30 | Pass |
| | | Inner_Full | 20.69 | / | / | 22.14 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.92 | / | / | 22.37 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.86 | / | / | 22.31 | / | / | <=30 | Pass |
| | 1775 | Edge_1RB_Left | 21.05 | / | / | 22.50 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.86 | / | / | 22.31 | / | / | <=30 | Pass |
| | | Outer_Full | 20.57 | / | / | 22.02 | / | / | <=30 | Pass |
| | | Inner_Full | 20.28 | / | / | 21.73 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.04 | / | / | 22.49 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.83 | / | / | 22.28 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 1715 | Edge_1RB_Left | 18.01 | / | / | 19.46 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.55 | / | / | 20.00 | / | / | <=30 | Pass |
| | | Outer_Full | 18.84 | / | / | 20.29 | / | / | <=30 | Pass |
| | | Inner_Full | 18.73 | / | / | 20.18 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.01 | / | / | 19.46 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.54 | / | / | 19.99 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 18.09 | / | / | 19.54 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.09 | / | / | 19.54 | / | / | <=30 | Pass |
| | | Outer_Full | 18.54 | / | / | 19.99 | / | / | <=30 | Pass |
| | | Inner_Full | 18.56 | / | / | 20.01 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.12 | / | / | 19.57 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.07 | / | / | 19.52 | / | / | <=30 | Pass |
| | 1775 | Edge_1RB_Left | 18.20 | / | / | 19.65 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.25 | / | / | 19.70 | / | / | <=30 | Pass |
| | | Outer_Full | 18.68 | / | / | 20.13 | / | / | <=30 | Pass |
| | | Inner_Full | 18.72 | / | / | 20.17 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.19 | / | / | 19.64 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.29 | / | / | 19.74 | / | / | <=30 | Pass |
| CP-OFDM QPSK | 1715 | Edge_1RB_Left | 20.44 | / | / | 21.89 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.60 | / | / | 22.05 | / | / | <=30 | Pass |
| | | Outer_Full | 20.43 | / | / | 21.88 | / | / | <=30 | Pass |
| | | Inner_Full | 21.26 | / | / | 22.71 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.47 | / | / | 22.92 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.98 | / | / | 23.43 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 20.13 | / | / | 21.58 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.21 | / | / | 21.66 | / | / | <=30 | Pass |
| | | Outer_Full | 20.10 | / | / | 21.55 | / | / | <=30 | Pass |
| | | Inner_Full | 21.66 | / | / | 23.11 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.67 | / | / | 23.12 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.69 | / | / | 23.14 | / | / | <=30 | Pass |
| | 1775 | Edge_1RB_Left | 20.25 | / | / | 21.70 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.27 | / | / | 21.72 | / | / | <=30 | Pass |
| | | Outer_Full | 20.36 | / | / | 21.81 | / | / | <=30 | Pass |
| | | Inner_Full | 21.27 | / | / | 22.72 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.74 | / | / | 23.19 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.74 | / | / | 23.19 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 1715 | Edge_1RB_Left | 20.10 | / | / | 21.55 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.49 | / | / | 21.94 | / | / | <=30 | Pass |
| | | Outer_Full | 20.43 | / | / | 21.88 | / | / | <=30 | Pass |
| | | Inner_Full | 20.85 | / | / | 22.30 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.60 | / | / | 22.05 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.36 | / | / | 22.81 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 20.10 | / | / | 21.55 | / | / | <=30 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 20.03 | / | / | 21.48 | / | / | <=30 | Pass |
| | | Outer_Full | 20.24 | / | / | 21.69 | / | / | <=30 | Pass |
| | | Inner_Full | 21.17 | / | / | 22.62 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.17 | / | / | 22.62 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.20 | / | / | 22.65 | / | / | <=30 | Pass |
| | 1775 | Edge_1RB_Left | 20.28 | / | / | 21.73 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.23 | / | / | 21.68 | / | / | <=30 | Pass |
| | | Outer_Full | 20.39 | / | / | 21.84 | / | / | <=30 | Pass |
| | | Inner_Full | 20.89 | / | / | 22.34 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.33 | / | / | 22.78 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.24 | / | / | 22.69 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 1715 | Edge_1RB_Left | 20.05 | / | / | 21.50 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.13 | / | / | 21.58 | / | / | <=30 | Pass |
| | | Outer_Full | 20.03 | / | / | 21.48 | / | / | <=30 | Pass |
| | | Inner_Full | 20.05 | / | / | 21.50 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.03 | / | / | 21.48 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.12 | / | / | 21.57 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 19.63 | / | / | 21.08 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 19.73 | / | / | 21.18 | / | / | <=30 | Pass |
| | | Outer_Full | 19.71 | / | / | 21.16 | / | / | <=30 | Pass |
| | | Inner_Full | 19.65 | / | / | 21.10 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.72 | / | / | 21.17 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 19.65 | / | / | 21.10 | / | / | <=30 | Pass |
| | 1775 | Edge_1RB_Left | 19.83 | / | / | 21.28 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 19.87 | / | / | 21.32 | / | / | <=30 | Pass |
| | | Outer_Full | 19.85 | / | / | 21.30 | / | / | <=30 | Pass |
| | | Inner_Full | 19.90 | / | / | 21.35 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.84 | / | / | 21.29 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 19.94 | / | / | 21.39 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 1715 | Edge_1RB_Left | 16.61 | / | / | 18.06 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 16.79 | / | / | 18.24 | / | / | <=30 | Pass |
| | | Outer_Full | 16.99 | / | / | 18.44 | / | / | <=30 | Pass |
| | | Inner_Full | 17.08 | / | / | 18.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 16.65 | / | / | 18.10 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 16.81 | / | / | 18.26 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 16.18 | / | / | 17.63 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 16.17 | / | / | 17.62 | / | / | <=30 | Pass |
| | | Outer_Full | 16.58 | / | / | 18.03 | / | / | <=30 | Pass |
| | | Inner_Full | 16.66 | / | / | 18.11 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 16.28 | / | / | 17.73 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 16.29 | / | / | 17.74 | / | / | <=30 | Pass |
| | 1775 | Edge_1RB_Left | 16.46 | / | / | 17.91 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 16.57 | / | / | 18.02 | / | / | <=30 | Pass |
| | | Outer_Full | 16.74 | / | / | 18.19 | / | / | <=30 | Pass |
| | | Inner_Full | 16.81 | / | / | 18.26 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 16.46 | / | / | 17.91 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 16.51 | / | / | 17.96 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant1: 1.45dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain | | | | | | | | | | |

### 1.1.3 15k_SISO_15MHz_NTNV_EIRP

| 5G NR n66 SCS=15kHz SISO 15MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 1717.5 | Edge_1RB_Left | 22.92 | / | / | 24.37 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 23.07 | / | / | 24.52 | / | / | <=30 | Pass |
| | | Outer_Full | 22.91 | / | / | 24.36 | / | / | <=30 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_Full | 23.38 | / | / | 24.83 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.02 | / | / | 24.47 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.53 | / | / | 24.98 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 22.71 | / | / | 24.16 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.73 | / | / | 24.18 | / | / | <=30 | Pass |
| | | Outer_Full | 22.66 | / | / | 24.11 | / | / | <=30 | Pass |
| | | Inner_Full | 23.18 | / | / | 24.63 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.24 | / | / | 24.69 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.16 | / | / | 24.61 | / | / | <=30 | Pass |
| | 1772.5 | Edge_1RB_Left | 22.59 | / | / | 24.04 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.68 | / | / | 24.13 | / | / | <=30 | Pass |
| | | Outer_Full | 22.74 | / | / | 24.19 | / | / | <=30 | Pass |
| | | Inner_Full | 23.23 | / | / | 24.68 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.23 | / | / | 24.68 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.27 | / | / | 24.72 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK | 1717.5 | Edge_1RB_Left | 18.22 | / | / | 19.67 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.90 | / | / | 23.35 | / | / | <=30 | Pass |
| | | Outer_Full | 21.44 | / | / | 22.89 | / | / | <=30 | Pass |
| | | Inner_Full | 22.42 | / | / | 23.87 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.08 | / | / | 23.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.80 | / | / | 24.25 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 22.28 | / | / | 23.73 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.20 | / | / | 23.65 | / | / | <=30 | Pass |
| | | Outer_Full | 22.20 | / | / | 23.65 | / | / | <=30 | Pass |
| | | Inner_Full | 23.12 | / | / | 24.57 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.21 | / | / | 24.66 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.22 | / | / | 24.67 | / | / | <=30 | Pass |
| | 1772.5 | Edge_1RB_Left | 22.24 | / | / | 23.69 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.01 | / | / | 23.46 | / | / | <=30 | Pass |
| | | Outer_Full | 21.88 | / | / | 23.33 | / | / | <=30 | Pass |
| | | Inner_Full | 22.68 | / | / | 24.13 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.25 | / | / | 24.70 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.79 | / | / | 24.24 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 1717.5 | Edge_1RB_Left | 20.02 | / | / | 21.47 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.86 | / | / | 22.31 | / | / | <=30 | Pass |
| | | Outer_Full | 20.58 | / | / | 22.03 | / | / | <=30 | Pass |
| | | Inner_Full | 21.54 | / | / | 22.99 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.04 | / | / | 22.49 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.84 | / | / | 23.29 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 21.27 | / | / | 22.72 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.23 | / | / | 22.68 | / | / | <=30 | Pass |
| | | Outer_Full | 21.17 | / | / | 22.62 | / | / | <=30 | Pass |
| | | Inner_Full | 22.14 | / | / | 23.59 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.27 | / | / | 23.72 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.29 | / | / | 23.74 | / | / | <=30 | Pass |
| | 1772.5 | Edge_1RB_Left | 21.23 | / | / | 22.68 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.81 | / | / | 22.26 | / | / | <=30 | Pass |
| | | Outer_Full | 21.04 | / | / | 22.49 | / | / | <=30 | Pass |
| | | Inner_Full | 21.82 | / | / | 23.27 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.24 | / | / | 23.69 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.79 | / | / | 23.24 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 1717.5 | Edge_1RB_Left | 19.73 | / | / | 21.18 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.56 | / | / | 22.01 | / | / | <=30 | Pass |
| | | Outer_Full | 20.15 | / | / | 21.60 | / | / | <=30 | Pass |
| | | Inner_Full | 20.14 | / | / | 21.59 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.73 | / | / | 21.18 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.57 | / | / | 22.02 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 20.89 | / | / | 22.34 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.96 | / | / | 22.41 | / | / | <=30 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Outer_Full | 20.74 | / | / | 22.19 | / | / | <=30 | Pass |
| | | Inner_Full | 20.72 | / | / | 22.17 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.88 | / | / | 22.33 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.85 | / | / | 22.30 | / | / | <=30 | Pass |
| | 1772.5 | Edge_1RB_Left | 21.05 | / | / | 22.50 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.50 | / | / | 21.95 | / | / | <=30 | Pass |
| | | Outer_Full | 20.60 | / | / | 22.05 | / | / | <=30 | Pass |
| | | Inner_Full | 20.44 | / | / | 21.89 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.93 | / | / | 22.38 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.49 | / | / | 21.94 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 1717.5 | Edge_1RB_Left | 17.81 | / | / | 19.26 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.40 | / | / | 19.85 | / | / | <=30 | Pass |
| | | Outer_Full | 18.76 | / | / | 20.21 | / | / | <=30 | Pass |
| | | Inner_Full | 18.76 | / | / | 20.21 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 17.81 | / | / | 19.26 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.49 | / | / | 19.94 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 18.09 | / | / | 19.54 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.07 | / | / | 19.52 | / | / | <=30 | Pass |
| | | Outer_Full | 18.56 | / | / | 20.01 | / | / | <=30 | Pass |
| | | Inner_Full | 18.52 | / | / | 19.97 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.17 | / | / | 19.62 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.09 | / | / | 19.54 | / | / | <=30 | Pass |
| | 1772.5 | Edge_1RB_Left | 18.15 | / | / | 19.60 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.14 | / | / | 19.59 | / | / | <=30 | Pass |
| | | Outer_Full | 18.68 | / | / | 20.13 | / | / | <=30 | Pass |
| | | Inner_Full | 18.63 | / | / | 20.08 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.12 | / | / | 19.57 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.18 | / | / | 19.63 | / | / | <=30 | Pass |
| CP-OFDM QPSK | 1717.5 | Edge_1RB_Left | 20.15 | / | / | 21.60 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.51 | / | / | 21.96 | / | / | <=30 | Pass |
| | | Outer_Full | 20.21 | / | / | 21.66 | / | / | <=30 | Pass |
| | | Inner_Full | 21.15 | / | / | 22.60 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.88 | / | / | 22.33 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.63 | / | / | 23.08 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 20.21 | / | / | 21.66 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.25 | / | / | 21.70 | / | / | <=30 | Pass |
| | | Outer_Full | 20.20 | / | / | 21.65 | / | / | <=30 | Pass |
| | | Inner_Full | 21.69 | / | / | 23.14 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.71 | / | / | 23.16 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.68 | / | / | 23.13 | / | / | <=30 | Pass |
| | 1772.5 | Edge_1RB_Left | 18.55 | / | / | 20.00 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 19.14 | / | / | 20.59 | / | / | <=30 | Pass |
| | | Outer_Full | 20.31 | / | / | 21.76 | / | / | <=30 | Pass |
| | | Inner_Full | 21.41 | / | / | 22.86 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.75 | / | / | 23.20 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.57 | / | / | 23.02 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 1717.5 | Edge_1RB_Left | 19.71 | / | / | 21.16 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.51 | / | / | 21.96 | / | / | <=30 | Pass |
| | | Outer_Full | 20.22 | / | / | 21.67 | / | / | <=30 | Pass |
| | | Inner_Full | 20.78 | / | / | 22.23 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.15 | / | / | 21.60 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.00 | / | / | 22.45 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 20.14 | / | / | 21.59 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.06 | / | / | 21.51 | / | / | <=30 | Pass |
| | | Outer_Full | 20.17 | / | / | 21.62 | / | / | <=30 | Pass |
| | | Inner_Full | 21.27 | / | / | 22.72 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.21 | / | / | 22.66 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.19 | / | / | 22.64 | / | / | <=30 | Pass |
| | 1772.5 | Edge_1RB_Left | 20.21 | / | / | 21.66 | / | / | <=30 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 20.21 | / | / | 21.66 | / | / | <=30 | Pass |
| | | Outer_Full | 20.24 | / | / | 21.69 | / | / | <=30 | Pass |
| | | Inner_Full | 21.10 | / | / | 22.55 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.27 | / | / | 22.72 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.88 | / | / | 22.33 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 1717.5 | Edge_1RB_Left | 19.87 | / | / | 21.32 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.07 | / | / | 21.52 | / | / | <=30 | Pass |
| | | Outer_Full | 19.89 | / | / | 21.34 | / | / | <=30 | Pass |
| | | Inner_Full | 19.90 | / | / | 21.35 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.86 | / | / | 21.31 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.08 | / | / | 21.53 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 19.82 | / | / | 21.27 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 19.71 | / | / | 21.16 | / | / | <=30 | Pass |
| | | Outer_Full | 19.62 | / | / | 21.07 | / | / | <=30 | Pass |
| | | Inner_Full | 19.65 | / | / | 21.10 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.78 | / | / | 21.23 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 19.77 | / | / | 21.22 | / | / | <=30 | Pass |
| | 1772.5 | Edge_1RB_Left | 19.73 | / | / | 21.18 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 19.88 | / | / | 21.33 | / | / | <=30 | Pass |
| | | Outer_Full | 19.73 | / | / | 21.18 | / | / | <=30 | Pass |
| | | Inner_Full | 19.81 | / | / | 21.26 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.78 | / | / | 21.23 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 19.84 | / | / | 21.29 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 1717.5 | Edge_1RB_Left | 16.47 | / | / | 17.92 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 16.63 | / | / | 18.08 | / | / | <=30 | Pass |
| | | Outer_Full | 16.87 | / | / | 18.32 | / | / | <=30 | Pass |
| | | Inner_Full | 16.88 | / | / | 18.33 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 16.54 | / | / | 17.99 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 16.66 | / | / | 18.11 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 16.30 | / | / | 17.75 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 16.25 | / | / | 17.70 | / | / | <=30 | Pass |
| | | Outer_Full | 16.65 | / | / | 18.10 | / | / | <=30 | Pass |
| | | Inner_Full | 16.61 | / | / | 18.06 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 16.27 | / | / | 17.72 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 16.29 | / | / | 17.74 | / | / | <=30 | Pass |
| | 1772.5 | Edge_1RB_Left | 16.18 | / | / | 17.63 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 16.32 | / | / | 17.77 | / | / | <=30 | Pass |
| | | Outer_Full | 16.68 | / | / | 18.13 | / | / | <=30 | Pass |
| | | Inner_Full | 16.69 | / | / | 18.14 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 16.27 | / | / | 17.72 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 16.33 | / | / | 17.78 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant1: 1.45dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain | | | | | | | | | | |

## 1.1.4 15k_SISO_20MHz_NTNV_EIRP

| 5G NR n66 SCS=15kHz SISO 20MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 1720 | Edge_1RB_Left | 22.88 | / | / | 24.33 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.88 | / | / | 24.33 | / | / | <=30 | Pass |
| | | Outer_Full | 22.95 | / | / | 24.40 | / | / | <=30 | Pass |
| | | Inner_Full | 23.45 | / | / | 24.90 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.08 | / | / | 24.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.45 | / | / | 24.90 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 22.79 | / | / | 24.24 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.73 | / | / | 24.18 | / | / | <=30 | Pass |
| | | Outer_Full | 22.74 | / | / | 24.19 | / | / | <=30 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_Full | 23.17 | / | / | 24.62 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.32 | / | / | 24.77 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.22 | / | / | 24.67 | / | / | <=30 | Pass |
| | 1770 | Edge_1RB_Left | 22.69 | / | / | 24.14 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.72 | / | / | 24.17 | / | / | <=30 | Pass |
| | | Outer_Full | 22.67 | / | / | 24.12 | / | / | <=30 | Pass |
| | | Inner_Full | 23.27 | / | / | 24.72 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.08 | / | / | 24.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.28 | / | / | 24.73 | / | / | <=30 | Pass |
| DFT-s-OFDM QPSK | 1720 | Edge_1RB_Left | 21.27 | / | / | 22.72 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.69 | / | / | 23.14 | / | / | <=30 | Pass |
| | | Outer_Full | 21.47 | / | / | 22.92 | / | / | <=30 | Pass |
| | | Inner_Full | 22.56 | / | / | 24.01 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.06 | / | / | 23.51 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.58 | / | / | 24.03 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 22.32 | / | / | 23.77 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 22.13 | / | / | 23.58 | / | / | <=30 | Pass |
| | | Outer_Full | 22.20 | / | / | 23.65 | / | / | <=30 | Pass |
| | | Inner_Full | 23.13 | / | / | 24.58 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 23.32 | / | / | 24.77 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 23.12 | / | / | 24.57 | / | / | <=30 | Pass |
| | 1770 | Edge_1RB_Left | 21.98 | / | / | 23.43 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.98 | / | / | 23.43 | / | / | <=30 | Pass |
| | | Outer_Full | 21.82 | / | / | 23.27 | / | / | <=30 | Pass |
| | | Inner_Full | 23.00 | / | / | 24.45 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.75 | / | / | 24.20 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.76 | / | / | 24.21 | / | / | <=30 | Pass |
| DFT-s-OFDM 16 QAM | 1720 | Edge_1RB_Left | 19.98 | / | / | 21.43 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.61 | / | / | 22.06 | / | / | <=30 | Pass |
| | | Outer_Full | 20.57 | / | / | 22.02 | / | / | <=30 | Pass |
| | | Inner_Full | 21.66 | / | / | 23.11 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.99 | / | / | 22.44 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.62 | / | / | 23.07 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 21.34 | / | / | 22.79 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 21.00 | / | / | 22.45 | / | / | <=30 | Pass |
| | | Outer_Full | 21.21 | / | / | 22.66 | / | / | <=30 | Pass |
| | | Inner_Full | 22.19 | / | / | 23.64 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 22.31 | / | / | 23.76 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 22.02 | / | / | 23.47 | / | / | <=30 | Pass |
| | 1770 | Edge_1RB_Left | 20.65 | / | / | 22.10 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.76 | / | / | 22.21 | / | / | <=30 | Pass |
| | | Outer_Full | 20.88 | / | / | 22.33 | / | / | <=30 | Pass |
| | | Inner_Full | 22.11 | / | / | 23.56 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.70 | / | / | 23.15 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.73 | / | / | 23.18 | / | / | <=30 | Pass |
| DFT-s-OFDM 64 QAM | 1720 | Edge_1RB_Left | 19.68 | / | / | 21.13 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.34 | / | / | 21.79 | / | / | <=30 | Pass |
| | | Outer_Full | 20.20 | / | / | 21.65 | / | / | <=30 | Pass |
| | | Inner_Full | 20.31 | / | / | 21.76 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.71 | / | / | 21.16 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.33 | / | / | 21.78 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 21.00 | / | / | 22.45 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.65 | / | / | 22.10 | / | / | <=30 | Pass |
| | | Outer_Full | 20.71 | / | / | 22.16 | / | / | <=30 | Pass |
| | | Inner_Full | 20.68 | / | / | 22.13 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.01 | / | / | 22.46 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.70 | / | / | 22.15 | / | / | <=30 | Pass |
| | 1770 | Edge_1RB_Left | 20.35 | / | / | 21.80 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.48 | / | / | 21.93 | / | / | <=30 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Outer_Full | 20.51 | / | / | 21.96 | / | / | <=30 | Pass |
| | | Inner_Full | 20.72 | / | / | 22.17 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.43 | / | / | 21.88 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.44 | / | / | 21.89 | / | / | <=30 | Pass |
| DFT-s-OFDM 256 QAM | 1720 | Edge_1RB_Left | 17.78 | / | / | 19.23 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.35 | / | / | 19.80 | / | / | <=30 | Pass |
| | | Outer_Full | 18.79 | / | / | 20.24 | / | / | <=30 | Pass |
| | | Inner_Full | 18.88 | / | / | 20.33 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 17.74 | / | / | 19.19 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.34 | / | / | 19.79 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 18.23 | / | / | 19.68 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.09 | / | / | 19.54 | / | / | <=30 | Pass |
| | | Outer_Full | 18.67 | / | / | 20.12 | / | / | <=30 | Pass |
| | | Inner_Full | 18.56 | / | / | 20.01 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.20 | / | / | 19.65 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.17 | / | / | 19.62 | / | / | <=30 | Pass |
| | 1770 | Edge_1RB_Left | 18.09 | / | / | 19.54 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 18.30 | / | / | 19.75 | / | / | <=30 | Pass |
| | | Outer_Full | 18.72 | / | / | 20.17 | / | / | <=30 | Pass |
| | | Inner_Full | 18.71 | / | / | 20.16 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 18.05 | / | / | 19.50 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 18.23 | / | / | 19.68 | / | / | <=30 | Pass |
| CP-OFDM QPSK | 1720 | Edge_1RB_Left | 19.99 | / | / | 21.44 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.42 | / | / | 21.87 | / | / | <=30 | Pass |
| | | Outer_Full | 20.41 | / | / | 21.86 | / | / | <=30 | Pass |
| | | Inner_Full | 21.45 | / | / | 22.90 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.88 | / | / | 22.33 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.54 | / | / | 22.99 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 20.27 | / | / | 21.72 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.25 | / | / | 21.70 | / | / | <=30 | Pass |
| | | Outer_Full | 20.17 | / | / | 21.62 | / | / | <=30 | Pass |
| | | Inner_Full | 21.58 | / | / | 23.03 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.81 | / | / | 23.26 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.67 | / | / | 23.12 | / | / | <=30 | Pass |
| | 1770 | Edge_1RB_Left | 20.19 | / | / | 21.64 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.28 | / | / | 21.73 | / | / | <=30 | Pass |
| | | Outer_Full | 20.33 | / | / | 21.78 | / | / | <=30 | Pass |
| | | Inner_Full | 21.61 | / | / | 23.06 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.48 | / | / | 22.93 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.48 | / | / | 22.93 | / | / | <=30 | Pass |
| CP-OFDM 16 QAM | 1720 | Edge_1RB_Left | 19.80 | / | / | 21.25 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.41 | / | / | 21.86 | / | / | <=30 | Pass |
| | | Outer_Full | 20.41 | / | / | 21.86 | / | / | <=30 | Pass |
| | | Inner_Full | 21.07 | / | / | 22.52 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.29 | / | / | 21.74 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.93 | / | / | 22.38 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 20.23 | / | / | 21.68 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.14 | / | / | 21.59 | / | / | <=30 | Pass |
| | | Outer_Full | 20.11 | / | / | 21.56 | / | / | <=30 | Pass |
| | | Inner_Full | 21.08 | / | / | 22.53 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 21.29 | / | / | 22.74 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 21.06 | / | / | 22.51 | / | / | <=30 | Pass |
| | 1770 | Edge_1RB_Left | 20.01 | / | / | 21.46 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 20.25 | / | / | 21.70 | / | / | <=30 | Pass |
| | | Outer_Full | 20.24 | / | / | 21.69 | / | / | <=30 | Pass |
| | | Inner_Full | 21.23 | / | / | 22.68 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 20.79 | / | / | 22.24 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 20.81 | / | / | 22.26 | / | / | <=30 | Pass |
| CP-OFDM 64 QAM | 1720 | Edge_1RB_Left | 19.88 | / | / | 21.33 | / | / | <=30 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 20.01 | / | / | 21.46 | / | / | <=30 | Pass |
| | | Outer_Full | 19.95 | / | / | 21.40 | / | / | <=30 | Pass |
| | | Inner_Full | 19.96 | / | / | 21.41 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.89 | / | / | 21.34 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 19.92 | / | / | 21.37 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 19.79 | / | / | 21.24 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 19.70 | / | / | 21.15 | / | / | <=30 | Pass |
| | | Outer_Full | 19.64 | / | / | 21.09 | / | / | <=30 | Pass |
| | | Inner_Full | 19.62 | / | / | 21.07 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.82 | / | / | 21.27 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 19.74 | / | / | 21.19 | / | / | <=30 | Pass |
| | 1770 | Edge_1RB_Left | 19.69 | / | / | 21.14 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 19.80 | / | / | 21.25 | / | / | <=30 | Pass |
| | | Outer_Full | 19.74 | / | / | 21.19 | / | / | <=30 | Pass |
| | | Inner_Full | 19.80 | / | / | 21.25 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 19.68 | / | / | 21.13 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 19.84 | / | / | 21.29 | / | / | <=30 | Pass |
| CP-OFDM 256 QAM | 1720 | Edge_1RB_Left | 16.45 | / | / | 17.90 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 16.52 | / | / | 17.97 | / | / | <=30 | Pass |
| | | Outer_Full | 16.95 | / | / | 18.40 | / | / | <=30 | Pass |
| | | Inner_Full | 16.93 | / | / | 18.38 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 16.40 | / | / | 17.85 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 16.54 | / | / | 17.99 | / | / | <=30 | Pass |
| | 1745 | Edge_1RB_Left | 16.41 | / | / | 17.86 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 16.34 | / | / | 17.79 | / | / | <=30 | Pass |
| | | Outer_Full | 16.61 | / | / | 18.06 | / | / | <=30 | Pass |
| | | Inner_Full | 16.65 | / | / | 18.10 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 16.41 | / | / | 17.86 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 16.35 | / | / | 17.80 | / | / | <=30 | Pass |
| | 1770 | Edge_1RB_Left | 16.21 | / | / | 17.66 | / | / | <=30 | Pass |
| | | Edge_1RB_Right | 16.30 | / | / | 17.75 | / | / | <=30 | Pass |
| | | Outer_Full | 16.74 | / | / | 18.19 | / | / | <=30 | Pass |
| | | Inner_Full | 16.70 | / | / | 18.15 | / | / | <=30 | Pass |
| | | Inner_1RB_Left | 16.17 | / | / | 17.62 | / | / | <=30 | Pass |
| | | Inner_1RB_Right | 16.37 | / | / | 17.82 | / | / | <=30 | Pass |
| Note1: Antenna Gain: Ant1: 1.45dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain | | | | | | | | | | |

# 2. Frequency Stability

## 2.1 Test Result

### 2.1.1 15k_SISO_5MHz

| 5G NR n66 SCS=15kHz SISO 5MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 1745 | Outer_Full | 20 | LV | -8.80 | -0.0050 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.90 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.80 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.50 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.60 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.30 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.50 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 40 | NV | -7.00 | -0.0040 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -7.70 | -0.0044 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 1745 | Outer_Full | 20 | LV | 1.50 | 0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.40 | -0.0037 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.10 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.20 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | 1.90 | 0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.90 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.70 | -0.0033 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -1.30 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 3.90 | 0.0022 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 1745 | Outer_Full | 20 | LV | -2.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.70 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.00 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.30 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.10 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.10 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -1.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.70 | -0.0044 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 1745 | Outer_Full | 20 | LV | -7.40 | -0.0042 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.50 | -0.0043 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -1.30 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.10 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.30 | -0.0030 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.10 | -0.0035 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -1.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 1745 | Outer_Full | 20 | LV | -2.90 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.50 | -0.0043 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.30 | -0.0036 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.70 | -0.0033 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.80 | -0.0045 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.90 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.80 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.70 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.60 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 1745 | Outer_Full | 20 | LV | -4.90 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.20 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.90 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.60 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.80 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.10 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | 0.50 | 0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.60 | -0.0038 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -9.40 | -0.0054 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.00 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.30 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 1745 | Outer_Full | 20 | LV | -4.30 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 0.90 | 0.0005 | >=-2.5 & <=2.5 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -4.00 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.70 | -0.0033 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.20 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.70 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.40 | -0.0031 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.10 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.90 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 1.00 | 0.0006 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 1745 | Outer_Full | 20 | LV | -1.90 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.40 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | 0.80 | 0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.90 | -0.0040 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.30 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -1.10 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.00 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.90 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.00 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.90 | -0.0034 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.30 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 1745 | Outer_Full | 20 | LV | -1.30 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.20 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -8.20 | -0.0047 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -8.50 | -0.0049 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.70 | -0.0038 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.70 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.40 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.40 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -7.50 | -0.0043 | >=-2.5 & <=2.5 | Pass |

## 2.1.2 15k_SISO_10MHz

| 5G NR n66 SCS=15kHz SISO 10MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 1745 | Outer_Full | 20 | LV | -1.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -8.70 | -0.0050 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -8.50 | -0.0049 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -0.90 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.00 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -1.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -1.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -1.20 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -9.00 | -0.0052 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 1745 | Outer_Full | 20 | LV | -6.00 | -0.0034 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.90 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.10 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.20 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -8.10 | -0.0046 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.70 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -8.20 | -0.0047 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.00 | -0.0011 | >=-2.5 & <=2.5 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 40 | NV | -2.20 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.50 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 1745 | Outer_Full | 20 | LV | -4.50 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.20 | -0.0030 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.70 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.60 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.90 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.40 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.60 | -0.0044 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.20 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.40 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.80 | -0.0039 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.60 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 1745 | Outer_Full | 20 | LV | -4.30 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.10 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.80 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.90 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.10 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.90 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.00 | -0.0034 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.80 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.10 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.10 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 1745 | Outer_Full | 20 | LV | -2.80 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.50 | -0.0037 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.60 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.50 | -0.0043 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.70 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.60 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.70 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -1.30 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.60 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 1745 | Outer_Full | 20 | LV | -3.60 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.70 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.40 | -0.0031 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.70 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.40 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -8.20 | -0.0047 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.70 | -0.0038 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.40 | -0.0037 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.90 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 1745 | Outer_Full | 20 | LV | -3.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.10 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.50 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.20 | -0.0030 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.00 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.80 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.80 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.70 | -0.0038 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.40 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.50 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 1745 | Outer_Full | 20 | LV | -6.80 | -0.0039 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.20 | -0.0018 | >=-2.5 & <=2.5 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -3.70 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.00 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.30 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.20 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.80 | -0.0045 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | 1.00 | 0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.80 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.20 | -0.0030 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.60 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 1745 | Outer_Full | 20 | LV | -3.70 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.40 | -0.0031 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.60 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -1.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.60 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.20 | -0.0030 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.60 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -1.40 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.50 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.10 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -9.00 | -0.0052 | >=-2.5 & <=2.5 | Pass |

### 2.1.3 15k_SISO_15MHz

| 5G NR n66 SCS=15kHz SISO 15MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 1745 | Outer_Full | 20 | LV | -4.30 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.20 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.50 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.80 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.10 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.80 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -7.40 | -0.0042 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.30 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.30 | -0.0036 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -2.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.20 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 1745 | Outer_Full | 20 | LV | -4.70 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -1.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -7.20 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.20 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | 1.20 | 0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -8.20 | -0.0047 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.60 | -0.0038 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -1.80 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.50 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.20 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 1745 | Outer_Full | 20 | LV | -5.40 | -0.0031 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -0.80 | -0.0005 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.10 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.10 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.60 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -0.70 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.90 | -0.0034 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.80 | -0.0016 | >=-2.5 & <=2.5 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 40 | NV | -0.70 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.80 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 1745 | Outer_Full | 20 | LV | -2.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 1.80 | 0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.90 | -0.0040 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -0.60 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.00 | -0.0034 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -1.50 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.00 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.60 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.00 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -1.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 1745 | Outer_Full | 20 | LV | -2.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.00 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.40 | -0.0031 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.10 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.10 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -3.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.10 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.10 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.20 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | 3.30 | 0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.40 | -0.0037 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 1745 | Outer_Full | 20 | LV | -3.00 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.00 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -4.70 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.30 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -7.40 | -0.0042 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -8.60 | -0.0049 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -2.30 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -9.40 | -0.0054 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 1745 | Outer_Full | 20 | LV | -3.60 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -7.90 | -0.0045 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.60 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.20 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.50 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.70 | -0.0038 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -10.50 | -0.0060 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | 2.00 | 0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -12.60 | -0.0072 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -2.80 | -0.0016 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 1745 | Outer_Full | 20 | LV | -3.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -4.70 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.30 | -0.0036 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.60 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -7.10 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.60 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.40 | -0.0031 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -8.10 | -0.0046 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -8.40 | -0.0048 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 1745 | Outer_Full | 20 | LV | -4.20 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | -30 | NV | -4.20 | -0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.90 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.80 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -1.40 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.20 | -0.0036 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -6.70 | -0.0038 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.60 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -4.90 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.50 | -0.0026 | >=-2.5 & <=2.5 | Pass |

### 2.1.4 15k_SISO_20MHz

| 5G NR n66 SCS=15kHz SISO 20MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM PI/2 BPSK | 1745 | Outer_Full | 20 | LV | -5.10 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.60 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.20 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -5.00 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.30 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.90 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.40 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.20 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -8.50 | -0.0049 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.20 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.70 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM QPSK | 1745 | Outer_Full | 20 | LV | -8.70 | -0.0050 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -3.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.00 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -8.10 | -0.0046 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -4.30 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.20 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.60 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.00 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -6.00 | -0.0034 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.80 | -0.0033 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 16 QAM | 1745 | Outer_Full | 20 | LV | -5.60 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -8.00 | -0.0046 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -5.60 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -2.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.30 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | 0.40 | 0.0002 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.00 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -3.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.00 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.40 | -0.0042 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | 0.20 | 0.0001 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 64 QAM | 1745 | Outer_Full | 20 | LV | -1.70 | -0.0010 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -1.10 | -0.0006 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -1.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.10 | -0.0023 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.10 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.90 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -5.00 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.90 | -0.0040 | >=-2.5 & <=2.5 | Pass |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 40 | NV | -5.50 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -0.50 | -0.0003 | >=-2.5 & <=2.5 | Pass |
| DFT-s-OFDM 256 QAM | 1745 | Outer_Full | 20 | LV | -7.10 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.30 | -0.0036 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.90 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -3.10 | -0.0018 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -3.30 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.50 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -3.70 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.10 | -0.0012 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -3.40 | -0.0019 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -1.30 | -0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -4.60 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM QPSK | 1745 | Outer_Full | 20 | LV | -7.10 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -9.30 | -0.0053 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -2.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -6.50 | -0.0037 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -6.10 | -0.0035 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -2.20 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -6.60 | -0.0038 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.50 | -0.0043 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -7.60 | -0.0044 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -8.50 | -0.0049 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -6.10 | -0.0035 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 16 QAM | 1745 | Outer_Full | 20 | LV | -3.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -6.00 | -0.0034 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -3.50 | -0.0020 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -1.40 | -0.0008 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -4.50 | -0.0026 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -6.80 | -0.0039 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -2.40 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -7.30 | -0.0042 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -5.60 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -0.70 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.80 | -0.0022 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 64 QAM | 1745 | Outer_Full | 20 | LV | -2.60 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -5.90 | -0.0034 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -1.60 | -0.0009 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -4.30 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -5.50 | -0.0032 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -1.90 | -0.0011 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -5.70 | -0.0033 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -2.30 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -4.90 | -0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -7.20 | -0.0041 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -5.90 | -0.0034 | >=-2.5 & <=2.5 | Pass |
| CP-OFDM 256 QAM | 1745 | Outer_Full | 20 | LV | -3.70 | -0.0021 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -2.70 | -0.0015 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -6.00 | -0.0034 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -7.80 | -0.0045 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -2.20 | -0.0013 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -5.10 | -0.0029 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -4.40 | -0.0025 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -4.70 | -0.0027 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -6.20 | -0.0036 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -5.80 | -0.0033 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -3.20 | -0.0018 | >=-2.5 & <=2.5 | Pass |

# 3. 99% & 26dB Bandwidth

## 3.1 Test Result

### 3.1.1 15k_SISO_5MHz_NTNV

| 5G NR n66 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 | 1712.5 | Outer_Full | 4.53 | 5.06 | / | Pass |
| | 1745 | Outer_Full | 4.53 | 5.05 | / | Pass |
| | 1777.5 | Outer_Full | 4.54 | 5.10 | / | Pass |
| DFT-s-OFDM QPSK | 1712.5 | Outer_Full | 4.52 | 5.05 | / | Pass |
| | 1745 | Outer_Full | 4.53 | 5.06 | / | Pass |
| | 1777.5 | Outer_Full | 4.53 | 5.02 | / | Pass |
| DFT-s-OFDM 16 QAM | 1712.5 | Outer_Full | 4.54 | 5.09 | / | Pass |
| | 1745 | Outer_Full | 4.54 | 5.08 | / | Pass |
| | 1777.5 | Outer_Full | 4.55 | 5.09 | / | Pass |
| DFT-s-OFDM 64 QAM | 1712.5 | Outer_Full | 4.54 | 5.04 | / | Pass |
| | 1745 | Outer_Full | 4.54 | 5.03 | / | Pass |
| | 1777.5 | Outer_Full | 4.55 | 5.06 | / | Pass |
| DFT-s-OFDM 256 QAM | 1712.5 | Outer_Full | 4.53 | 5.08 | / | Pass |
| | 1745 | Outer_Full | 4.53 | 5.07 | / | Pass |
| | 1777.5 | Outer_Full | 4.53 | 5.07 | / | Pass |
| CP-OFDM QPSK | 1712.5 | Outer_Full | 4.54 | 5.16 | / | Pass |
| | 1745 | Outer_Full | 4.54 | 5.10 | / | Pass |
| | 1777.5 | Outer_Full | 4.55 | 5.05 | / | Pass |
| CP-OFDM 16 QAM | 1712.5 | Outer_Full | 4.52 | 5.07 | / | Pass |
| | 1745 | Outer_Full | 4.54 | 5.09 | / | Pass |
| | 1777.5 | Outer_Full | 4.54 | 5.10 | / | Pass |
| CP-OFDM 64 QAM | 1712.5 | Outer_Full | 4.53 | 5.04 | / | Pass |
| | 1745 | Outer_Full | 4.53 | 5.11 | / | Pass |
| | 1777.5 | Outer_Full | 4.54 | 5.07 | / | Pass |
| CP-OFDM 256 QAM | 1712.5 | Outer_Full | 4.54 | 5.14 | / | Pass |
| | 1745 | Outer_Full | 4.55 | 5.14 | / | Pass |
| | 1777.5 | Outer_Full | 4.50 | 5.03 | / | Pass |

### 3.1.2 15k_SISO_10MHz_NTNV

| 5G NR n66 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 | 1715 | Outer_Full | 9.04 | 9.80 | / | Pass |
| | 1745 | Outer_Full | 9.04 | 9.83 | / | Pass |
| | 1775 | Outer_Full | 9.05 | 9.72 | / | Pass |
| DFT-s-OFDM QPSK | 1715 | Outer_Full | 9.08 | 9.85 | / | Pass |
| | 1745 | Outer_Full | 9.07 | 9.87 | / | Pass |
| | 1775 | Outer_Full | 9.06 | 9.91 | / | Pass |
| DFT-s-OFDM 16 QAM | 1715 | Outer_Full | 9.06 | 9.82 | / | Pass |
| | 1745 | Outer_Full | 9.07 | 9.84 | / | Pass |
| | 1775 | Outer_Full | 9.06 | 9.88 | / | Pass |
| DFT-s-OFDM 64 QAM | 1715 | Outer_Full | 9.05 | 9.82 | / | Pass |
| | 1745 | Outer_Full | 9.05 | 9.86 | / | Pass |
| | 1775 | Outer_Full | 9.07 | 9.87 | / | Pass |
| DFT-s-OFDM 256 QAM | 1715 | Outer_Full | 9.07 | 9.94 | / | Pass |
| | 1745 | Outer_Full | 9.07 | 9.86 | / | Pass |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 1775 | Outer_Full | 9.07 | 9.94 | / | Pass |
| CP-OFDM QPSK | 1715 | Outer_Full | 9.39 | 10.29 | / | Pass |
| | 1745 | Outer_Full | 9.38 | 10.23 | / | Pass |
| | 1775 | Outer_Full | 9.38 | 10.25 | / | Pass |
| CP-OFDM 16 QAM | 1715 | Outer_Full | 9.38 | 10.29 | / | Pass |
| | 1745 | Outer_Full | 9.39 | 10.24 | / | Pass |
| | 1775 | Outer_Full | 9.40 | 10.21 | / | Pass |
| CP-OFDM 64 QAM | 1715 | Outer_Full | 9.37 | 10.20 | / | Pass |
| | 1745 | Outer_Full | 9.37 | 10.17 | / | Pass |
| | 1775 | Outer_Full | 9.37 | 10.13 | / | Pass |
| CP-OFDM 256 QAM | 1715 | Outer_Full | 9.41 | 10.23 | / | Pass |
| | 1745 | Outer_Full | 9.43 | 10.24 | / | Pass |
| | 1775 | Outer_Full | 9.41 | 10.21 | / | Pass |

### 3.1.3 15k_SISO_15MHz_NTNV

| 5G NR n66 SCS=15kHz SISO 15MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 1717.5 | Outer_Full | 13.60 | 14.61 | / | Pass |
| | 1745 | Outer_Full | 13.61 | 14.62 | / | Pass |
| | 1772.5 | Outer_Full | 13.57 | 14.57 | / | Pass |
| DFT-s-OFDM QPSK | 1717.5 | Outer_Full | 13.60 | 14.64 | / | Pass |
| | 1745 | Outer_Full | 13.62 | 14.68 | / | Pass |
| | 1772.5 | Outer_Full | 13.62 | 14.70 | / | Pass |
| DFT-s-OFDM 16 QAM | 1717.5 | Outer_Full | 13.65 | 14.75 | / | Pass |
| | 1745 | Outer_Full | 13.68 | 14.75 | / | Pass |
| | 1772.5 | Outer_Full | 13.62 | 14.64 | / | Pass |
| DFT-s-OFDM 64 QAM | 1717.5 | Outer_Full | 13.57 | 14.65 | / | Pass |
| | 1745 | Outer_Full | 13.57 | 14.64 | / | Pass |
| | 1772.5 | Outer_Full | 13.55 | 14.62 | / | Pass |
| DFT-s-OFDM 256 QAM | 1717.5 | Outer_Full | 13.60 | 14.64 | / | Pass |
| | 1745 | Outer_Full | 13.59 | 14.59 | / | Pass |
| | 1772.5 | Outer_Full | 13.60 | 14.61 | / | Pass |
| CP-OFDM QPSK | 1717.5 | Outer_Full | 14.26 | 15.34 | / | Pass |
| | 1745 | Outer_Full | 14.29 | 15.33 | / | Pass |
| | 1772.5 | Outer_Full | 14.26 | 15.34 | / | Pass |
| CP-OFDM 16 QAM | 1717.5 | Outer_Full | 14.27 | 15.38 | / | Pass |
| | 1745 | Outer_Full | 14.29 | 15.35 | / | Pass |
| | 1772.5 | Outer_Full | 14.29 | 15.38 | / | Pass |
| CP-OFDM 64 QAM | 1717.5 | Outer_Full | 14.32 | 15.37 | / | Pass |
| | 1745 | Outer_Full | 14.33 | 15.34 | / | Pass |
| | 1772.5 | Outer_Full | 14.31 | 15.36 | / | Pass |
| CP-OFDM 256 QAM | 1717.5 | Outer_Full | 14.27 | 15.32 | / | Pass |
| | 1745 | Outer_Full | 14.28 | 15.35 | / | Pass |
| | 1772.5 | Outer_Full | 14.29 | 15.38 | / | Pass |

### 3.1.4 15k_SISO_20MHz_NTNV

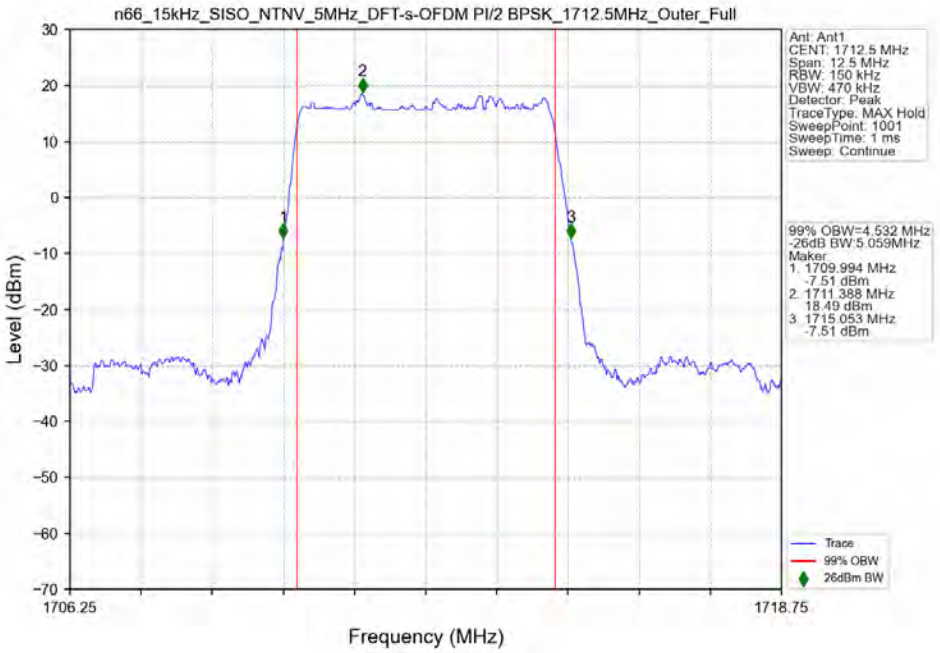
| 5G NR n66 SCS=15kHz SISO 20MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 1720 | Outer_Full | 18.09 | 19.42 | / | Pass |
| | 1745 | Outer_Full | 18.12 | 19.43 | / | Pass |
| | 1770 | Outer_Full | 18.05 | 19.37 | / | Pass |
| DFT-s-OFDM QPSK | 1720 | Outer_Full | 18.06 | 19.51 | / | Pass |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 1745 | Outer_Full | 18.09 | 19.45 | / | Pass |
| | 1770 | Outer_Full | 18.00 | 19.41 | / | Pass |
| DFT-s-OFDM 16 QAM | 1720 | Outer_Full | 18.06 | 19.42 | / | Pass |
| | 1745 | Outer_Full | 18.07 | 19.41 | / | Pass |
| | 1770 | Outer_Full | 18.00 | 19.43 | / | Pass |
| DFT-s-OFDM 64 QAM | 1720 | Outer_Full | 18.07 | 19.41 | / | Pass |
| | 1745 | Outer_Full | 18.08 | 19.47 | / | Pass |
| | 1770 | Outer_Full | 18.03 | 19.42 | / | Pass |
| DFT-s-OFDM 256 QAM | 1720 | Outer_Full | 18.08 | 19.40 | / | Pass |
| | 1745 | Outer_Full | 18.11 | 19.39 | / | Pass |
| | 1770 | Outer_Full | 18.02 | 19.36 | / | Pass |
| CP-OFDM QPSK | 1720 | Outer_Full | 19.12 | 20.79 | / | Pass |
| | 1745 | Outer_Full | 19.18 | 20.80 | / | Pass |
| | 1770 | Outer_Full | 19.07 | 20.47 | / | Pass |
| CP-OFDM 16 QAM | 1720 | Outer_Full | 19.16 | 21.08 | / | Pass |
| | 1745 | Outer_Full | 19.21 | 22.25 | / | Pass |
| | 1770 | Outer_Full | 19.11 | 20.54 | / | Pass |
| CP-OFDM 64 QAM | 1720 | Outer_Full | 19.16 | 21.06 | / | Pass |
| | 1745 | Outer_Full | 19.20 | 20.52 | / | Pass |
| | 1770 | Outer_Full | 19.11 | 20.47 | / | Pass |
| CP-OFDM 256 QAM | 1720 | Outer_Full | 19.21 | 20.54 | / | Pass |
| | 1745 | Outer_Full | 19.24 | 20.58 | / | Pass |
| | 1770 | Outer_Full | 19.12 | 20.56 | / | Pass |

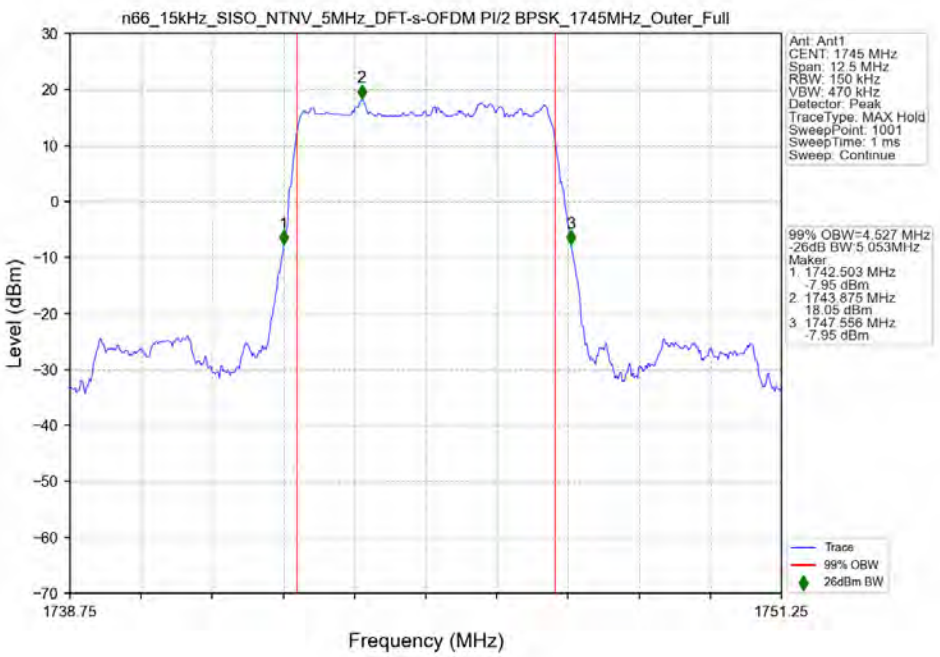
## 3.2 Test Graph

### 3.2.1 15k_SISO_5MHz_NTNV

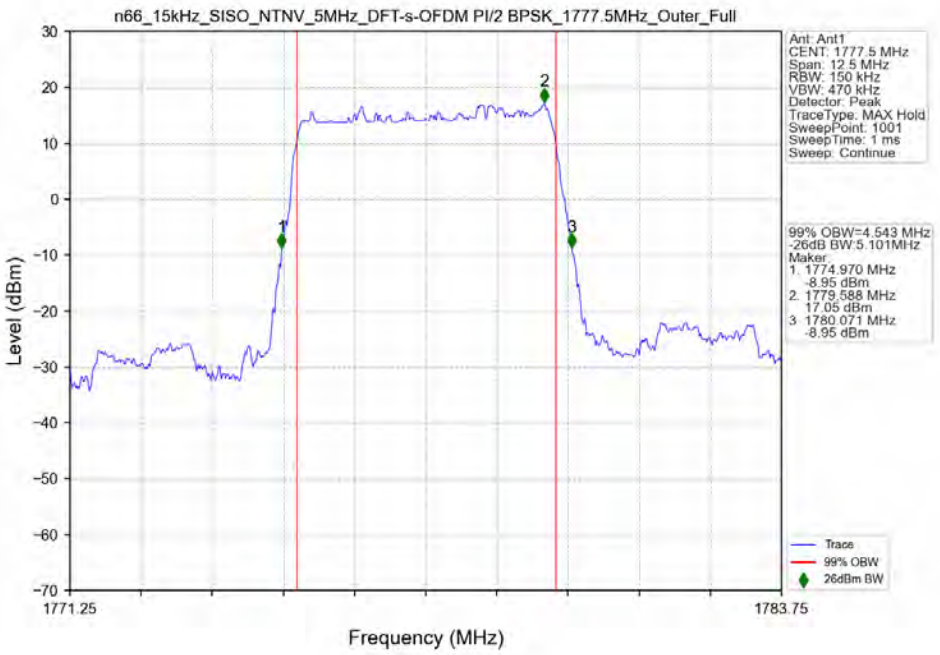
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1712.5MHz_Outer_Full



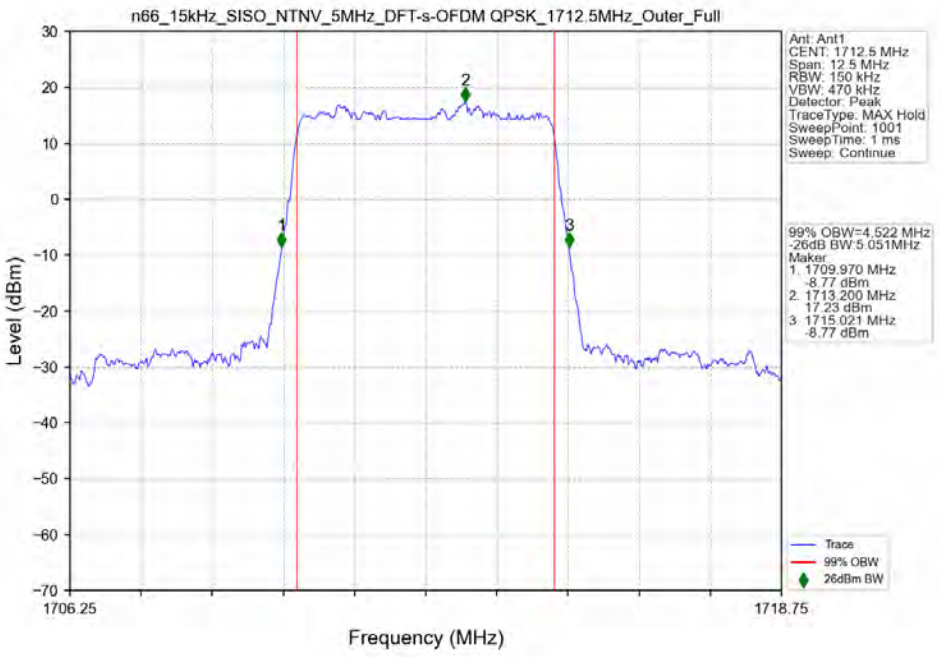

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full



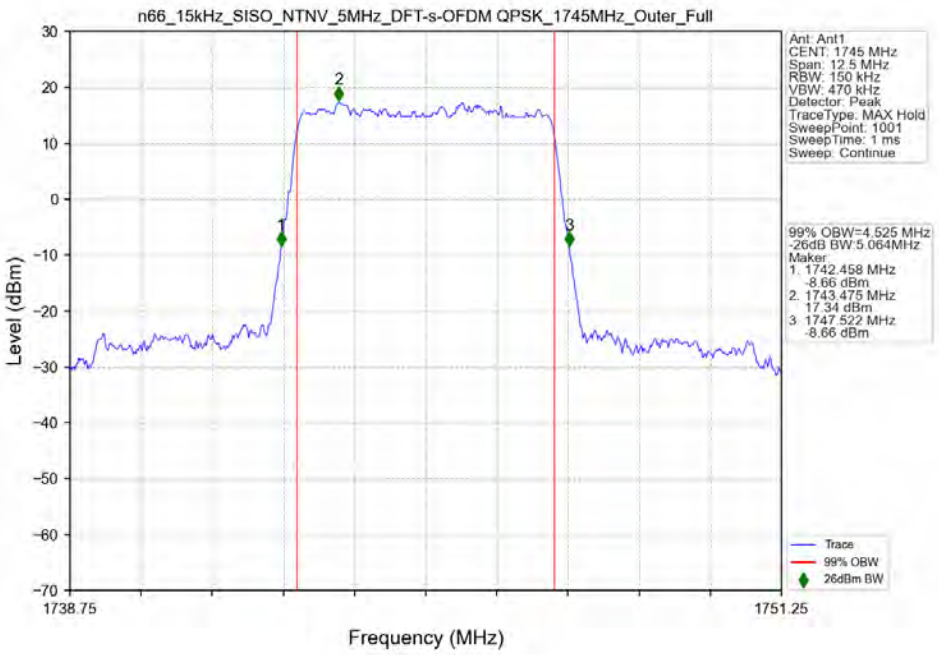
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1777.5MHz_Outer_Full



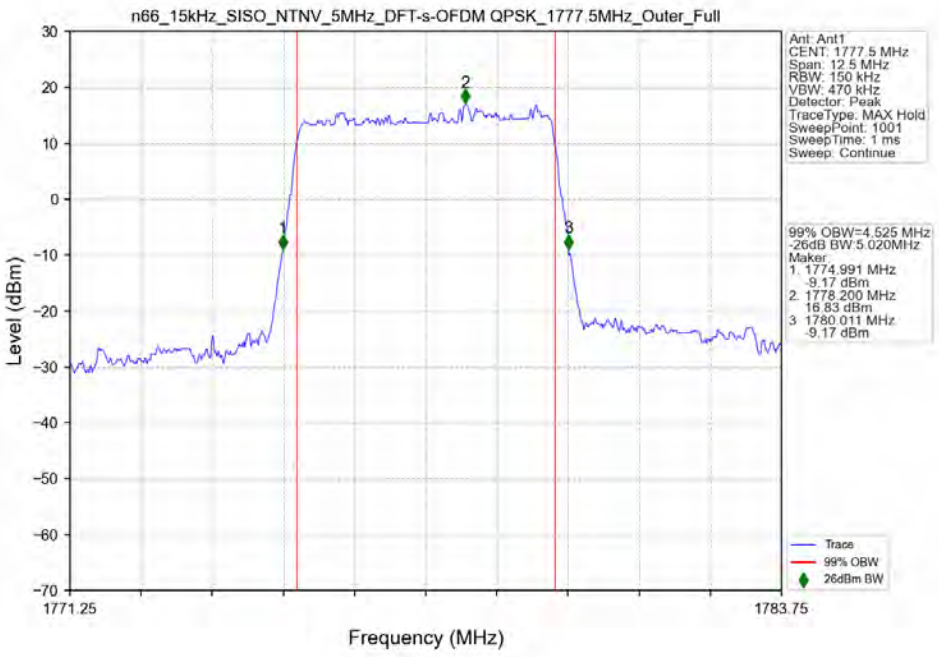

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1712.5MHz_Outer_Full



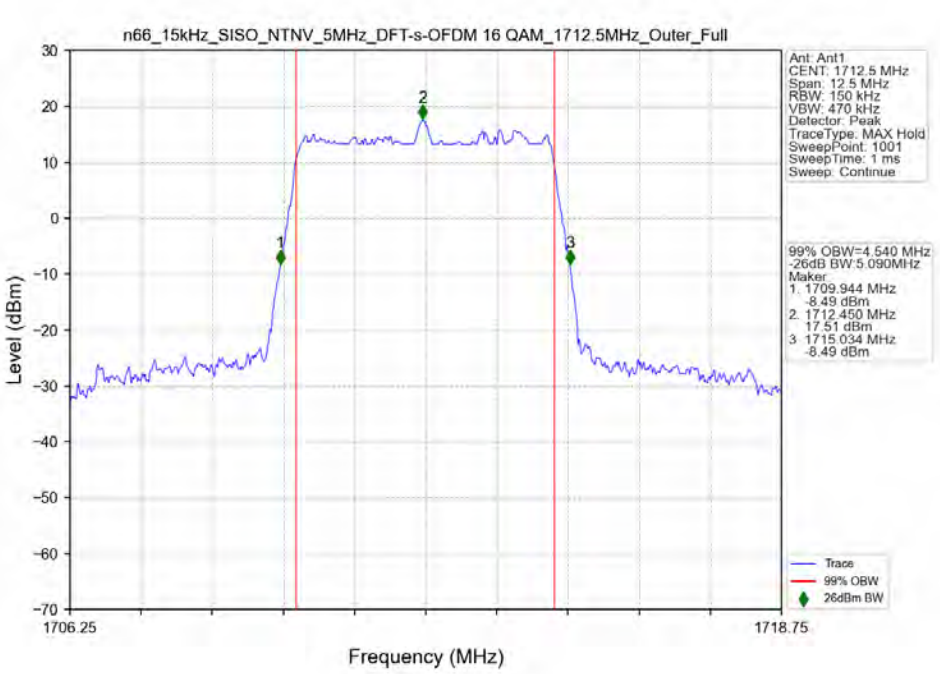
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



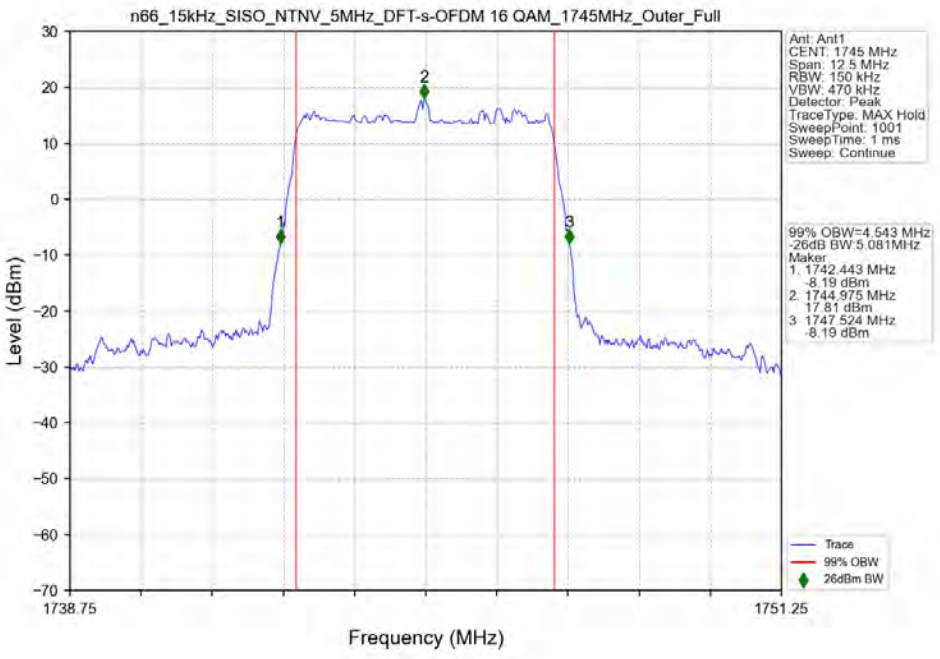

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1777.5MHz_Outer_Full



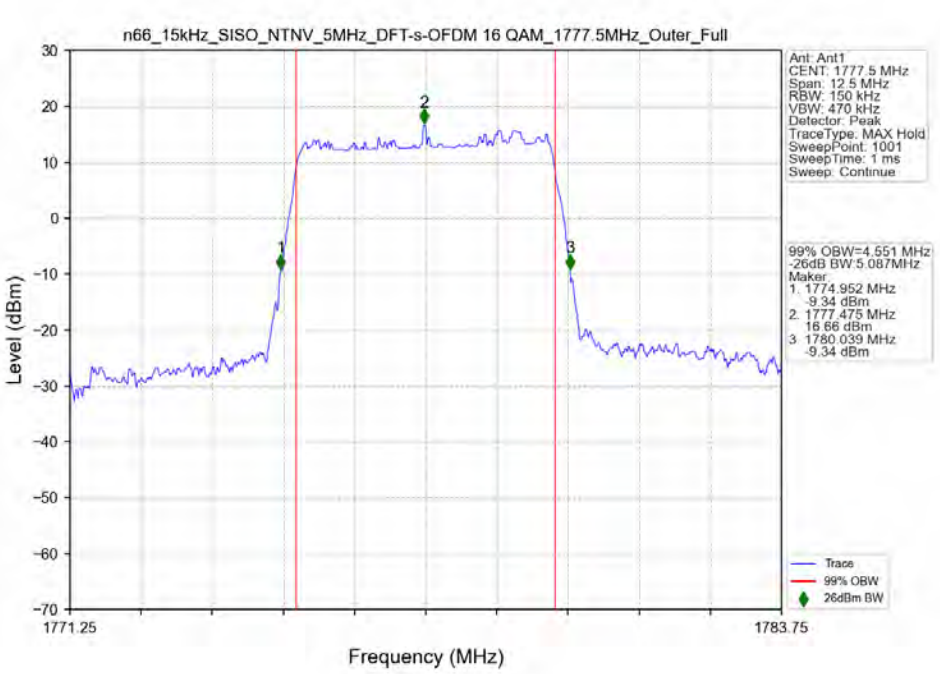
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1712.5MHz_Outer_Full



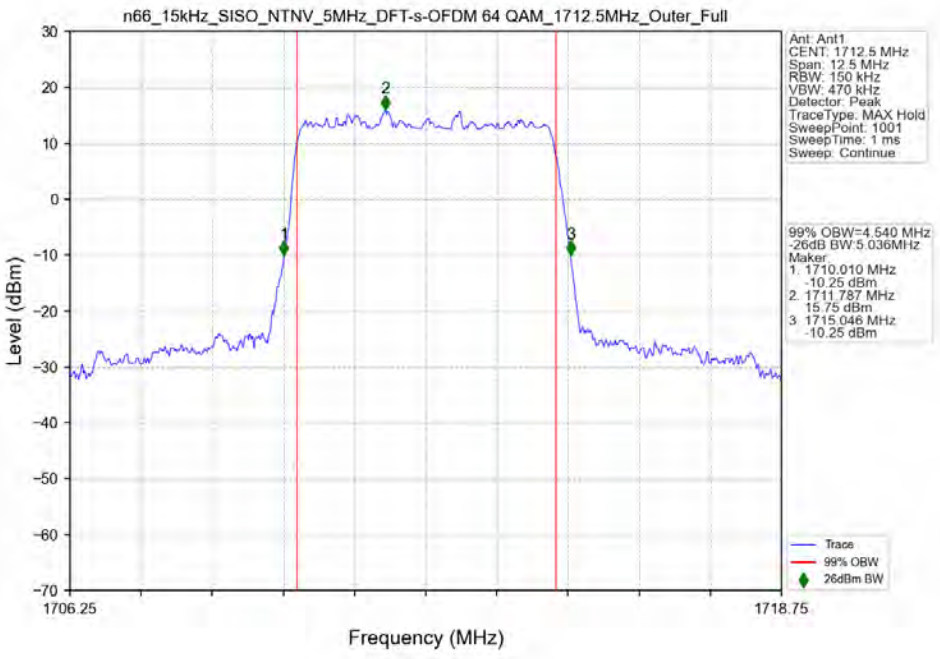

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full



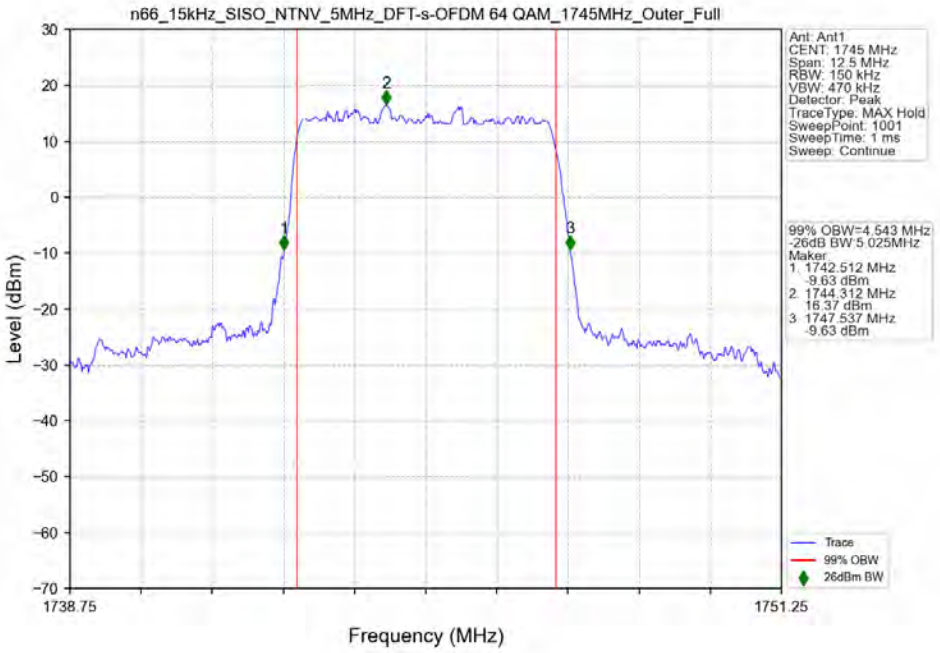
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1777.5MHz_Outer_Full



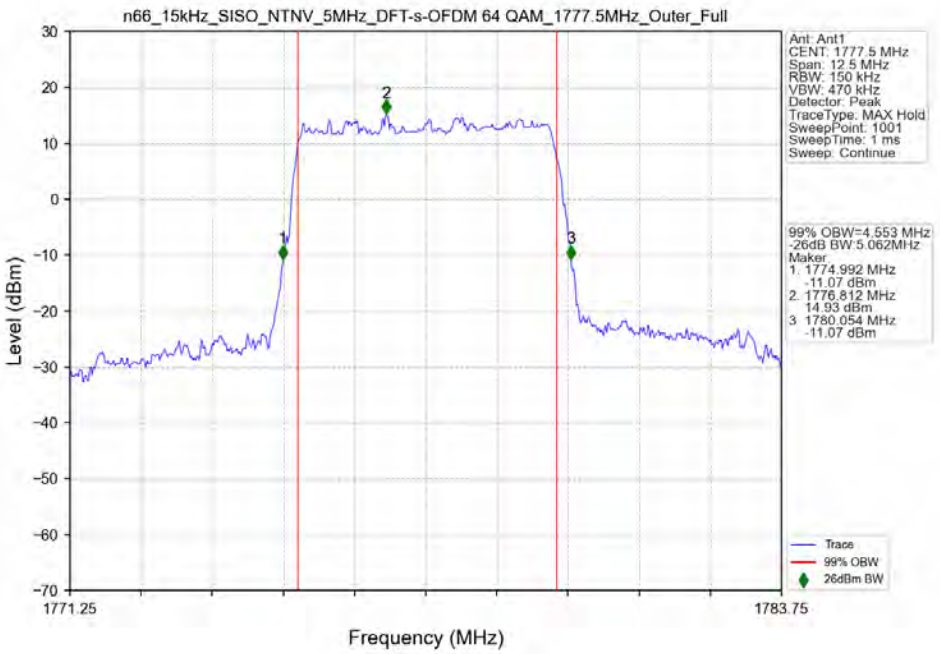

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1712.5MHz_Outer_Full



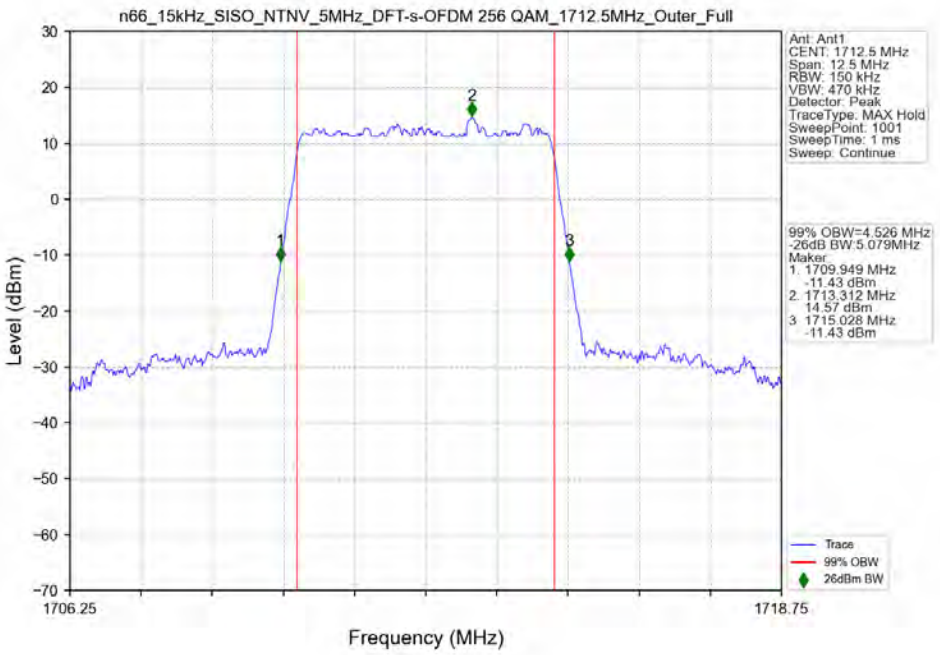
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full



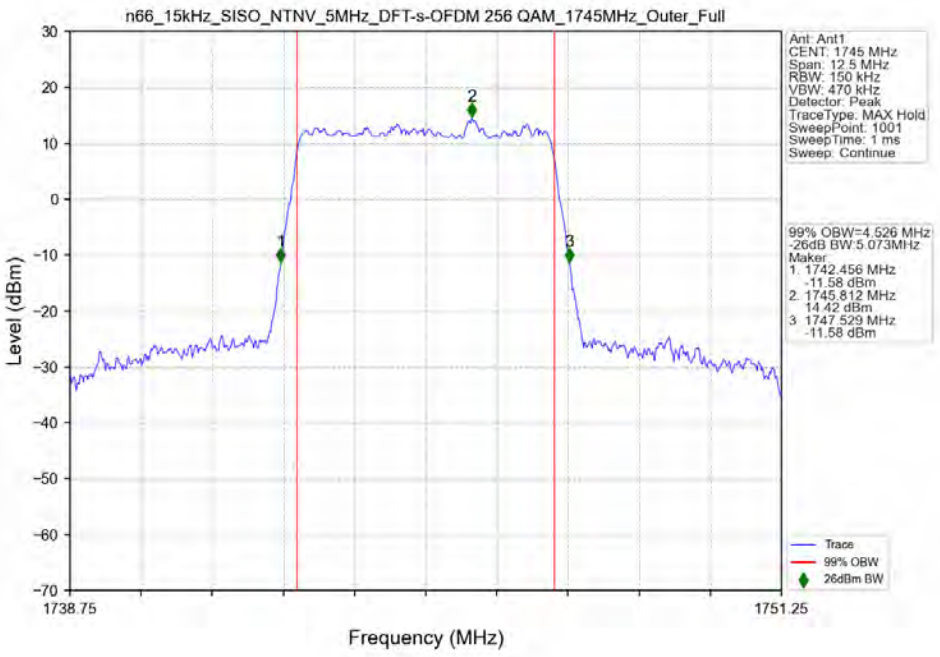

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1777.5MHz_Outer_Full



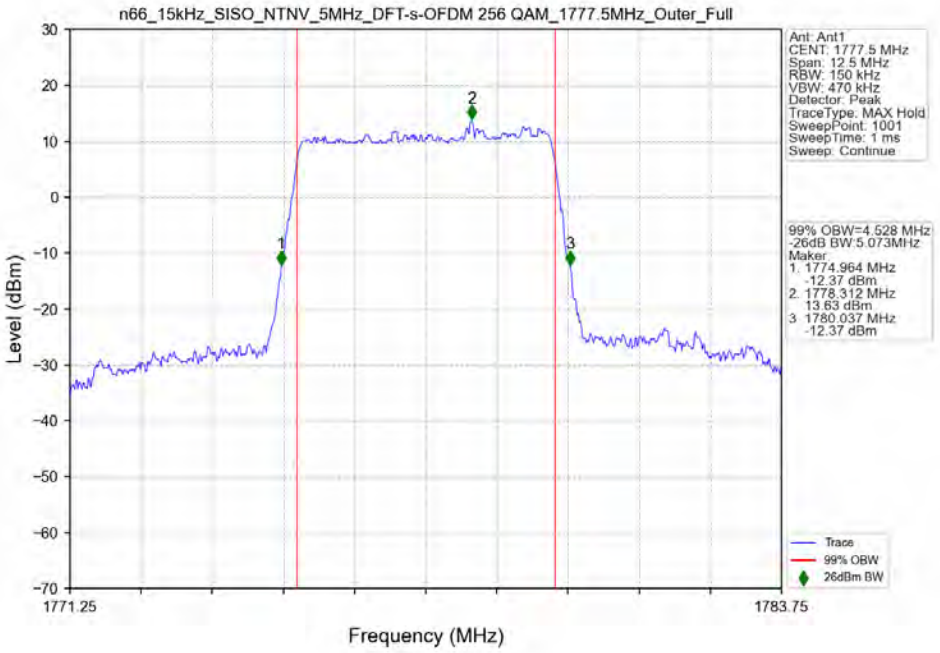
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1712.5MHz_Outer_Full



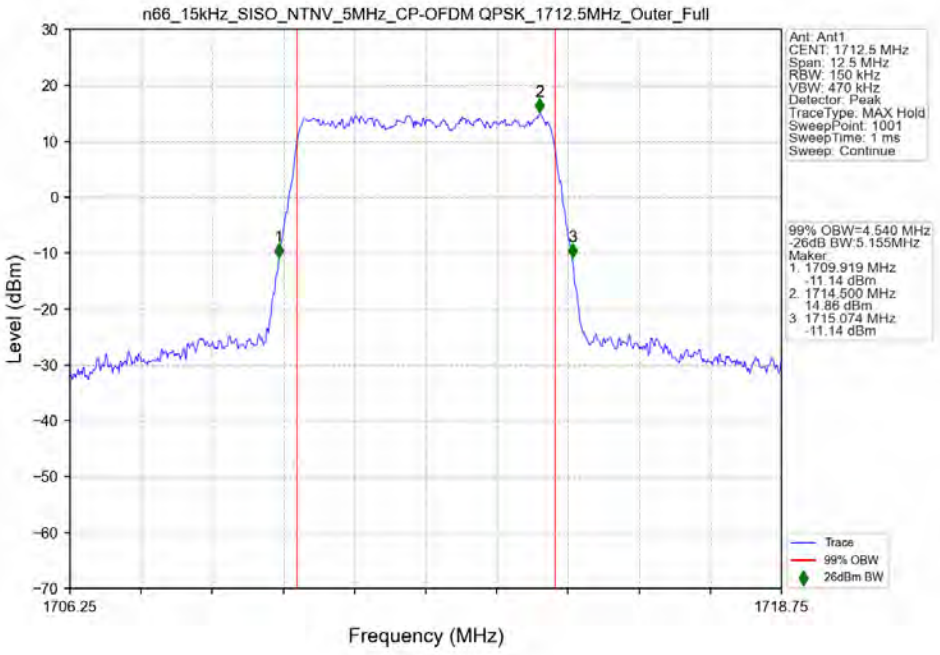

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full



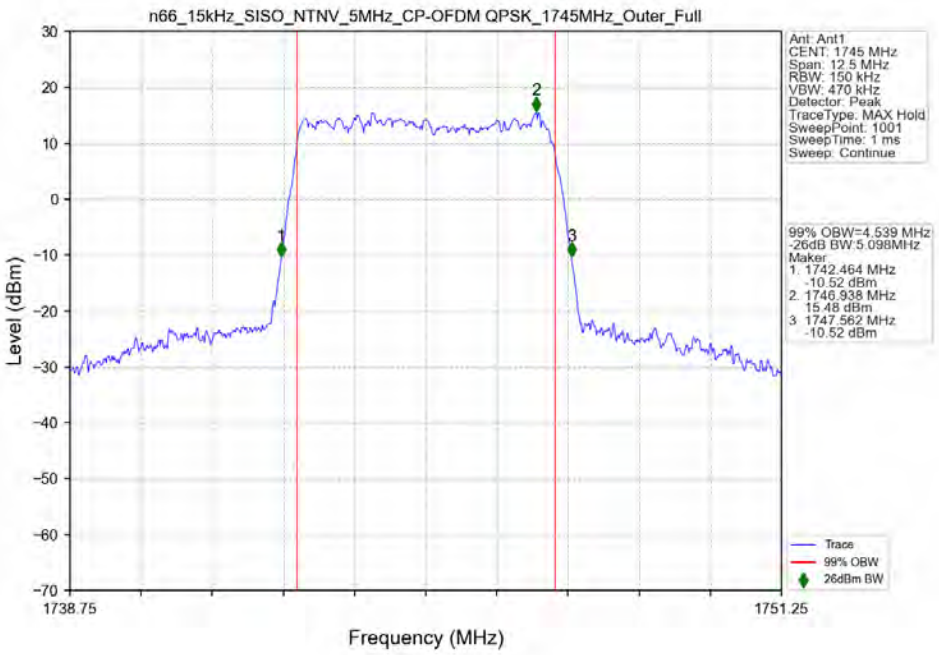
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1777.5MHz_Outer_Full



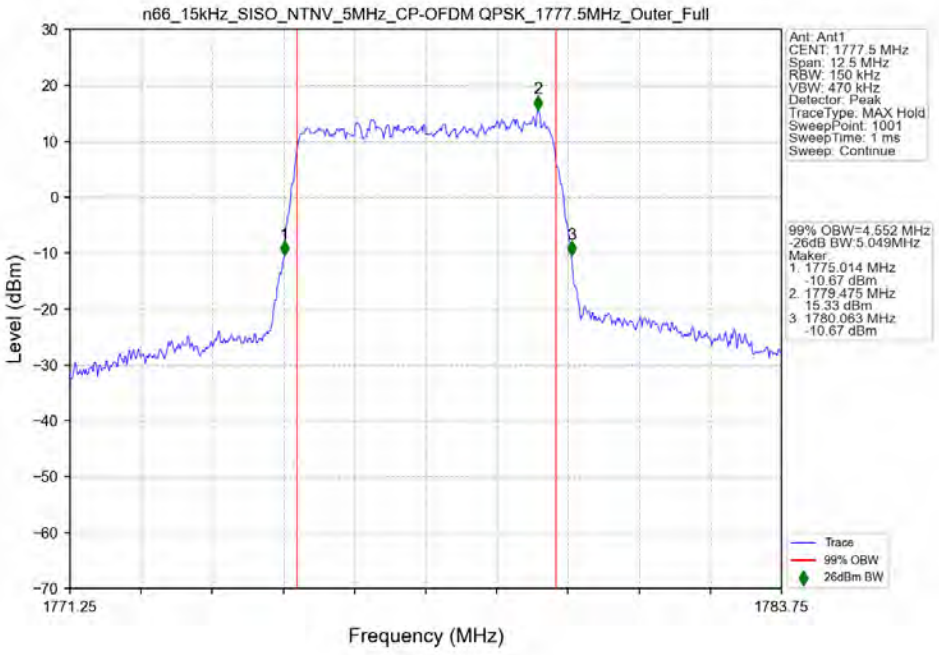

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1712.5MHz_Outer_Full



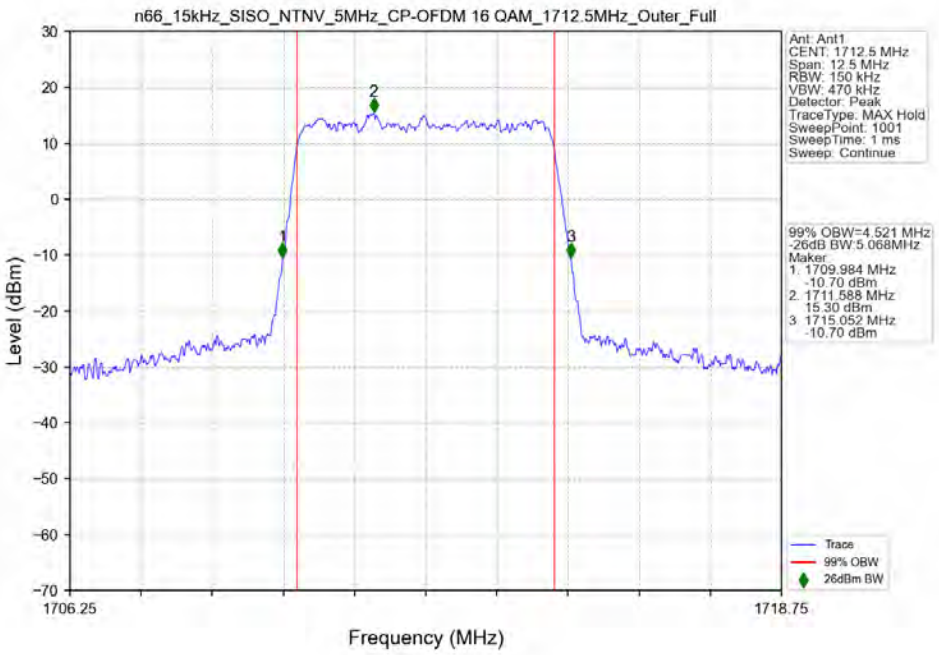
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1745MHz_Outer_Full



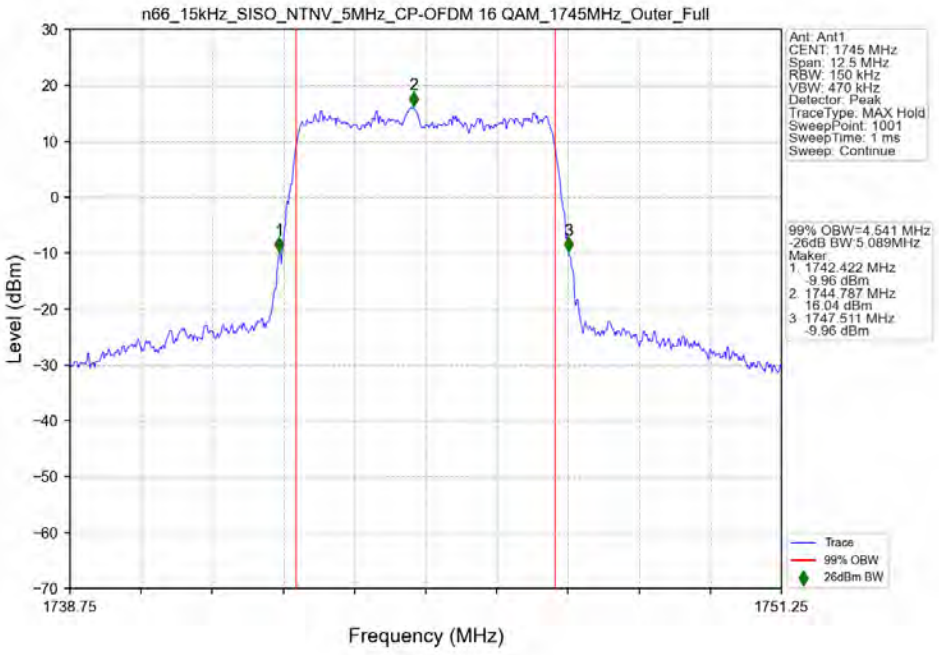

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1777.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1712.5MHz_Outer_Full

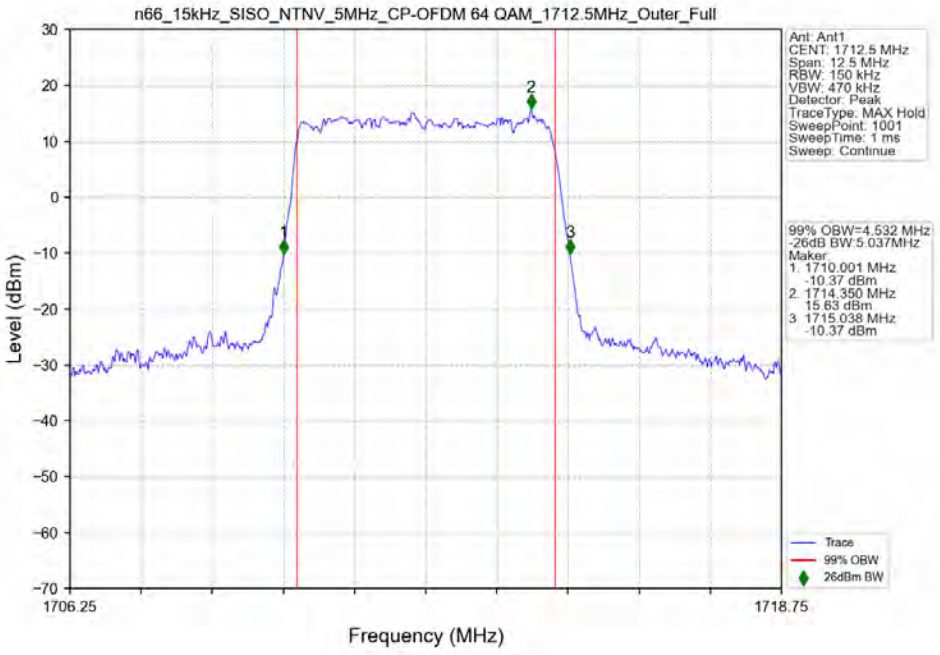



n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full

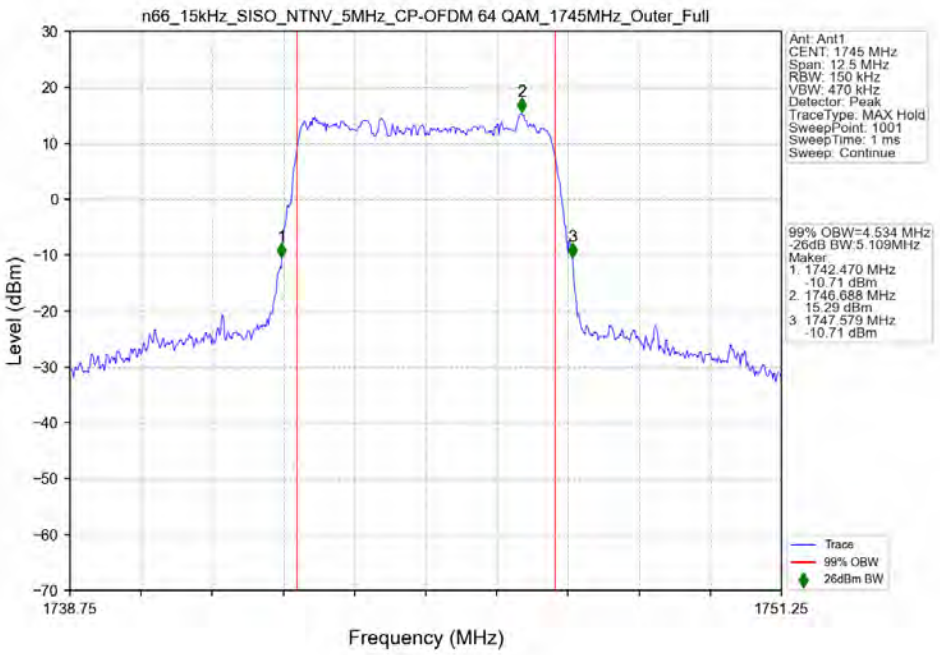


n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1777.5MHz_Outer_Full

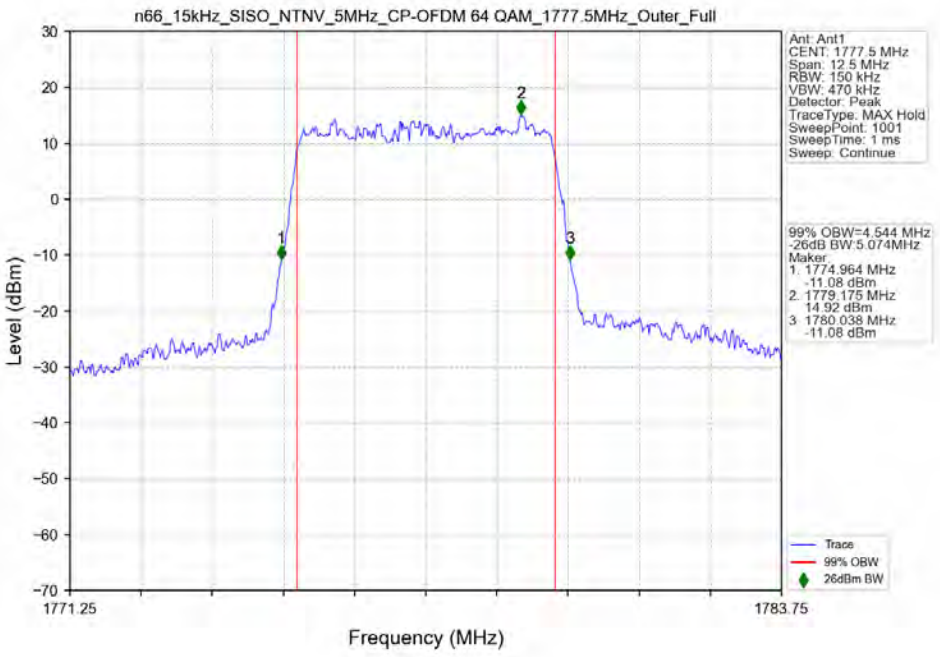

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1712.5MHz_Outer_Full



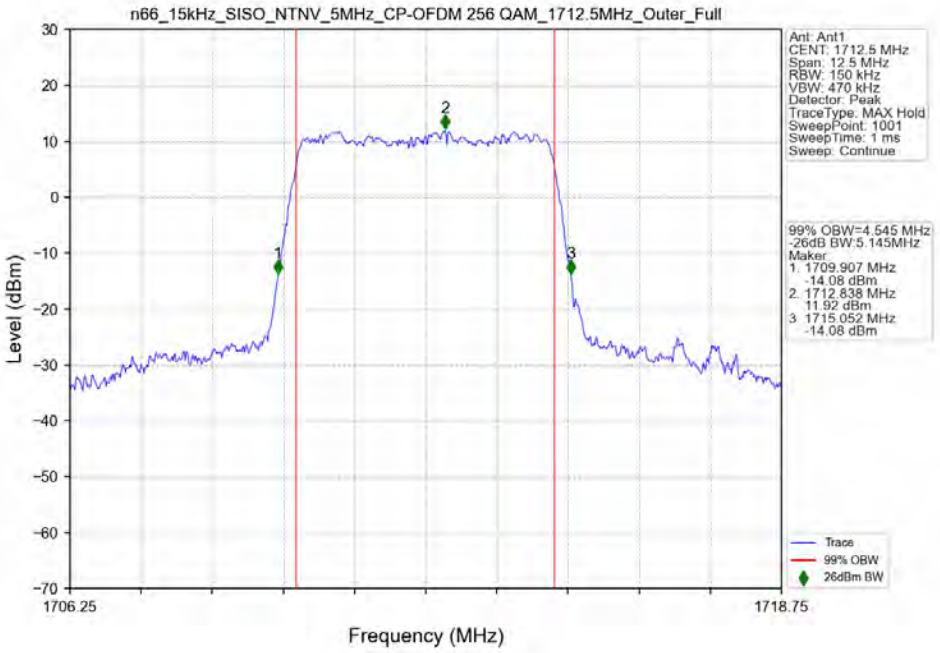
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full



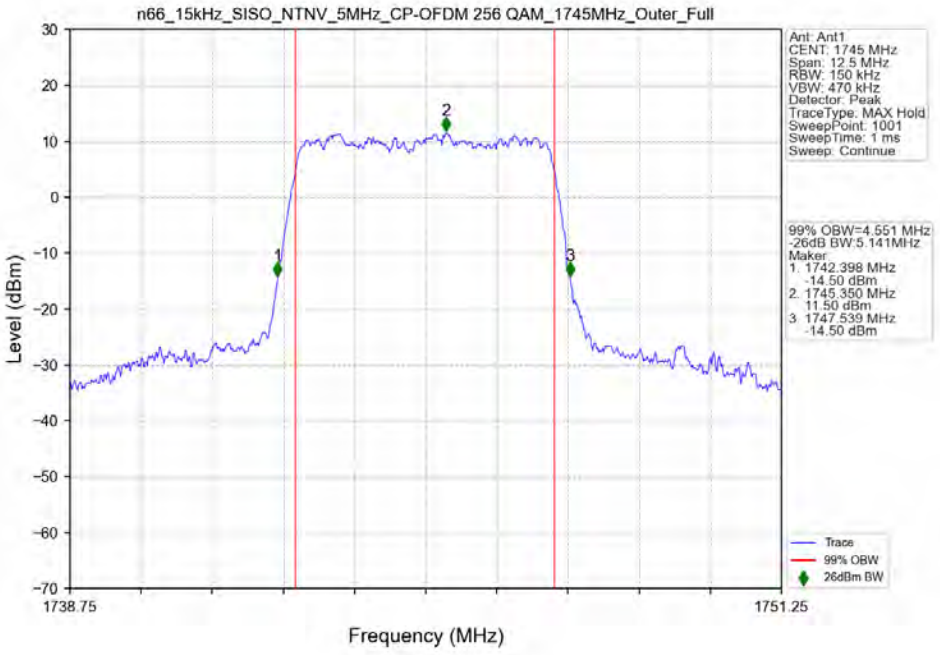

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1777.5MHz_Outer_Full



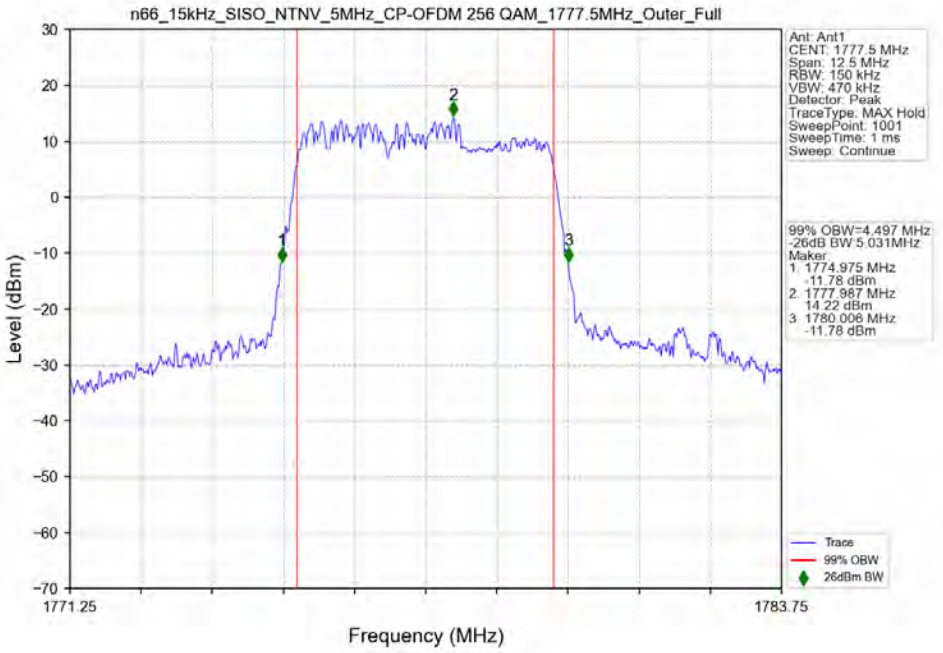
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1712.5MHz_Outer_Full




n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full

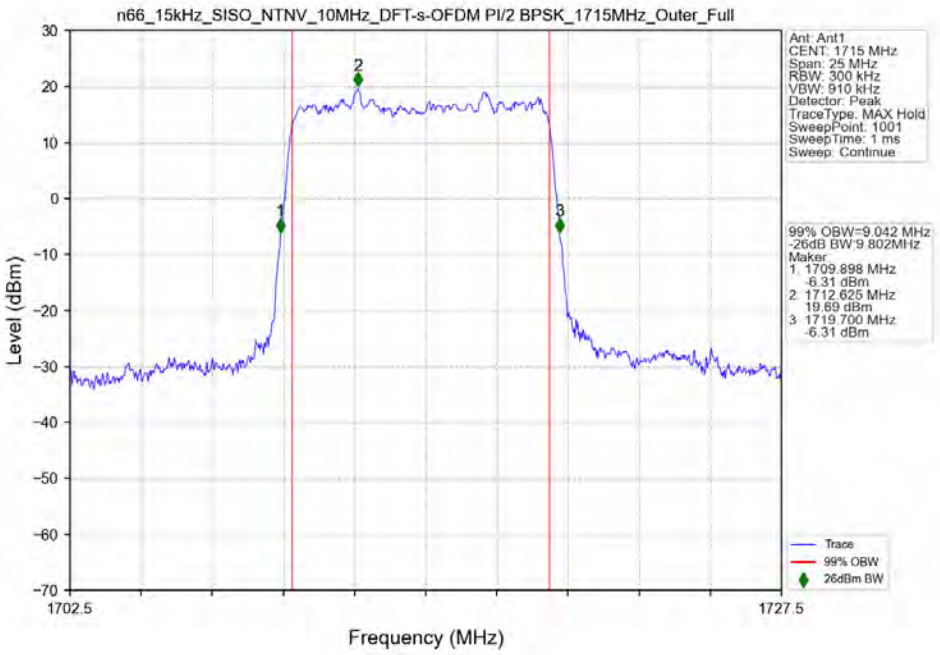


n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1777.5MHz_Outer_Full

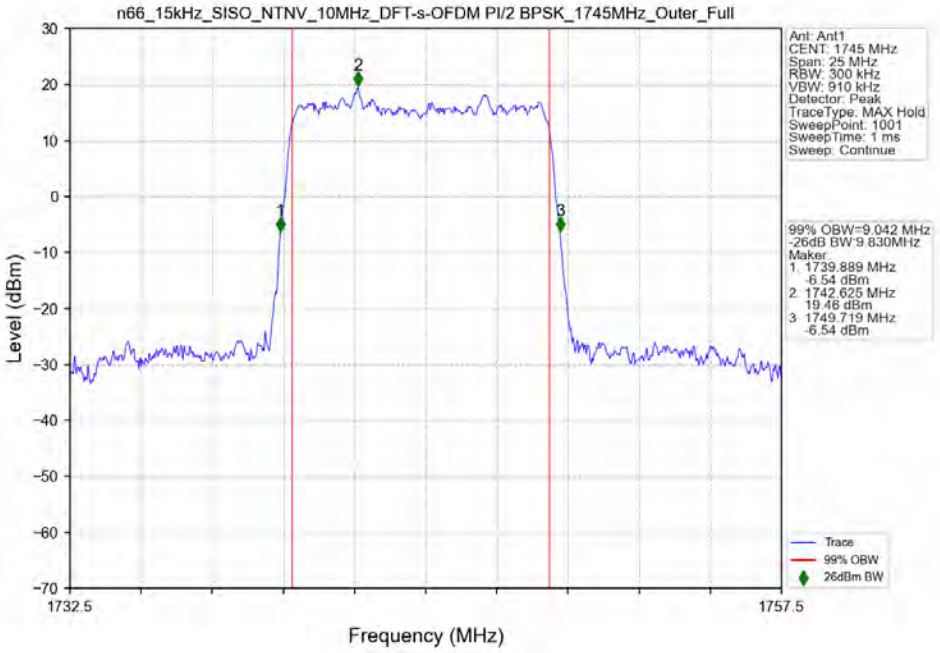


### 3.2.2 15k_SISO_10MHz_NTNV

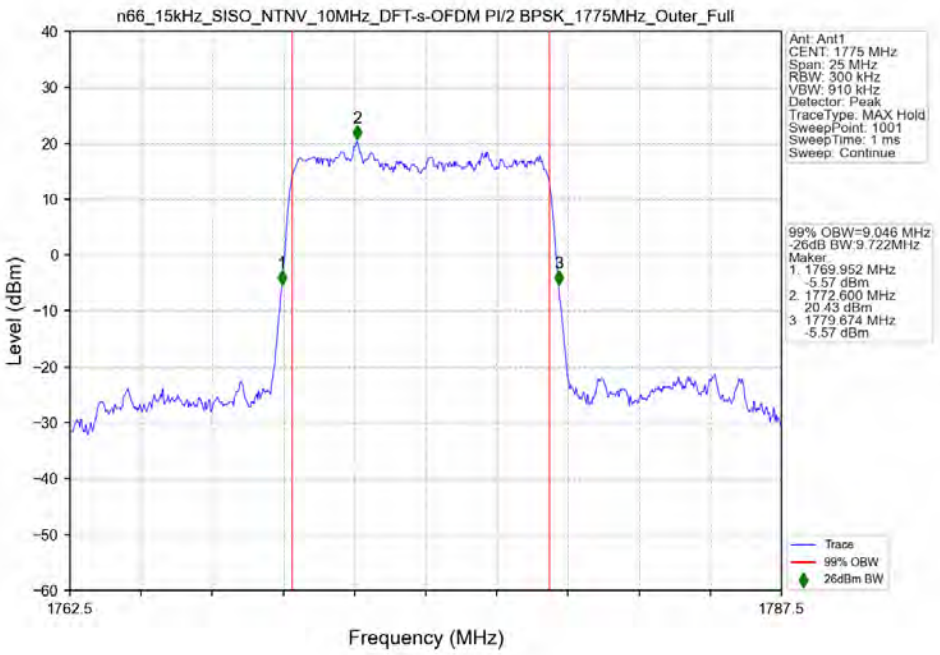
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1715MHz_Outer_Full



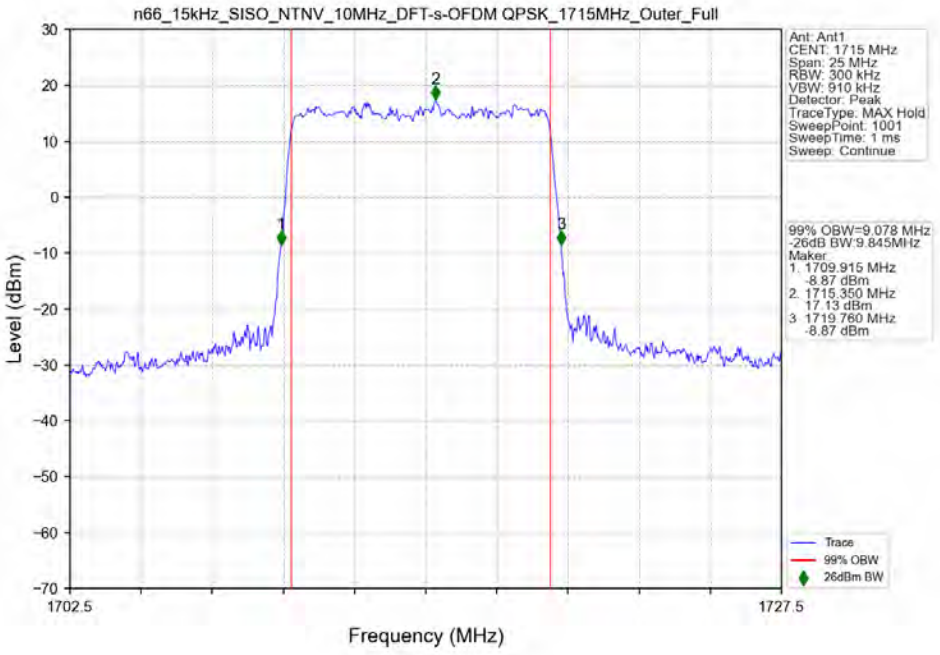

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full



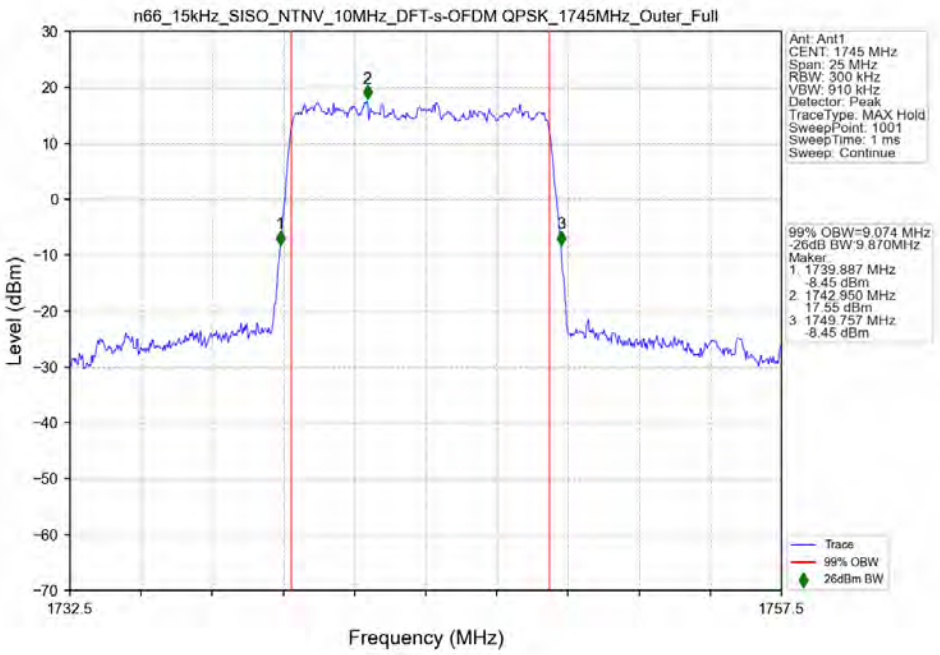
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1775MHz_Outer_Full



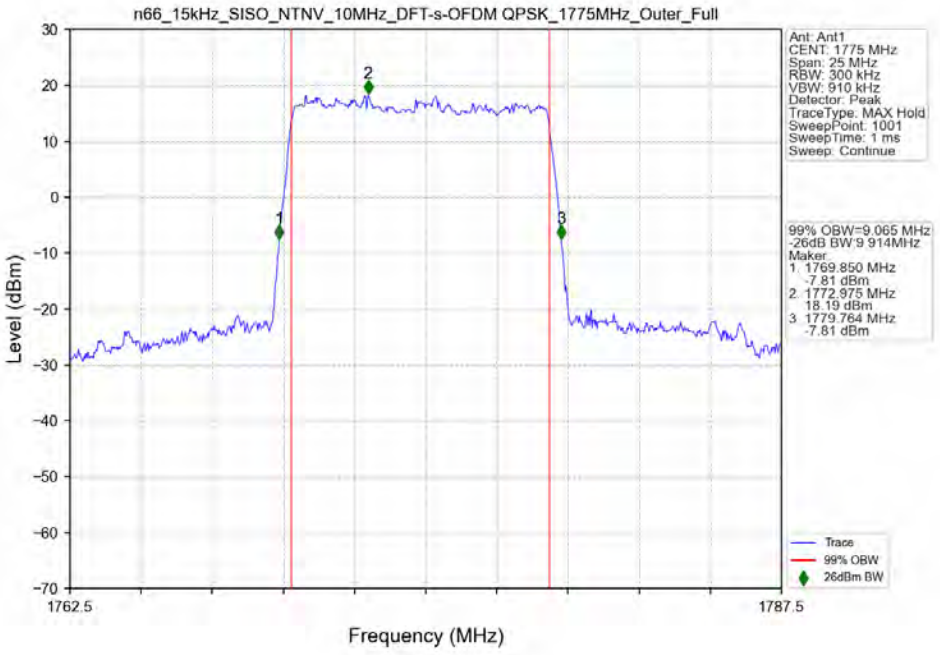

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1715MHz_Outer_Full



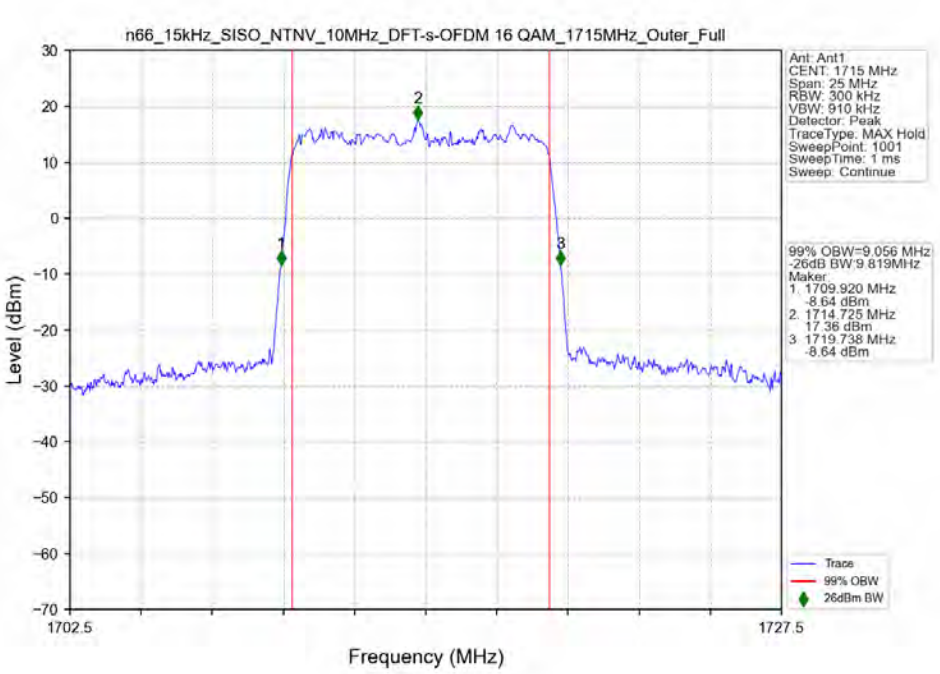
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



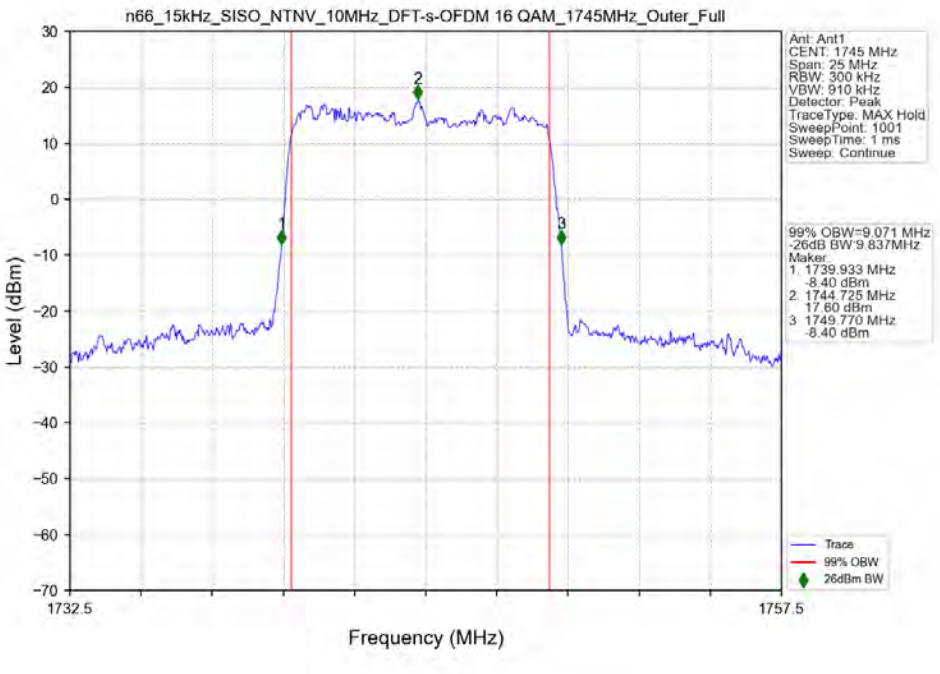

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1775MHz_Outer_Full



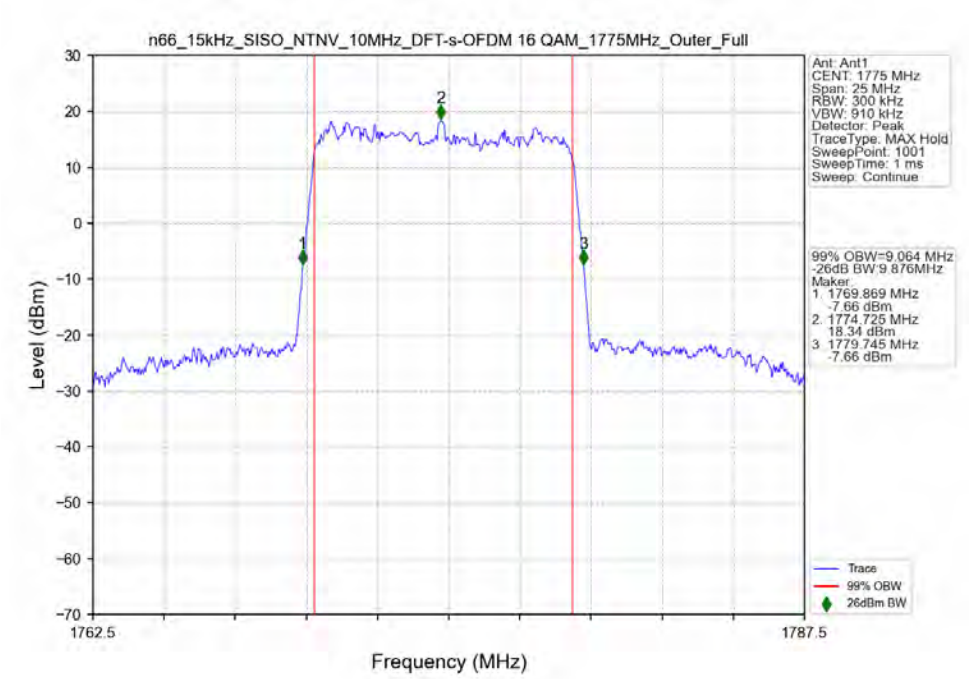
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1715MHz_Outer_Full



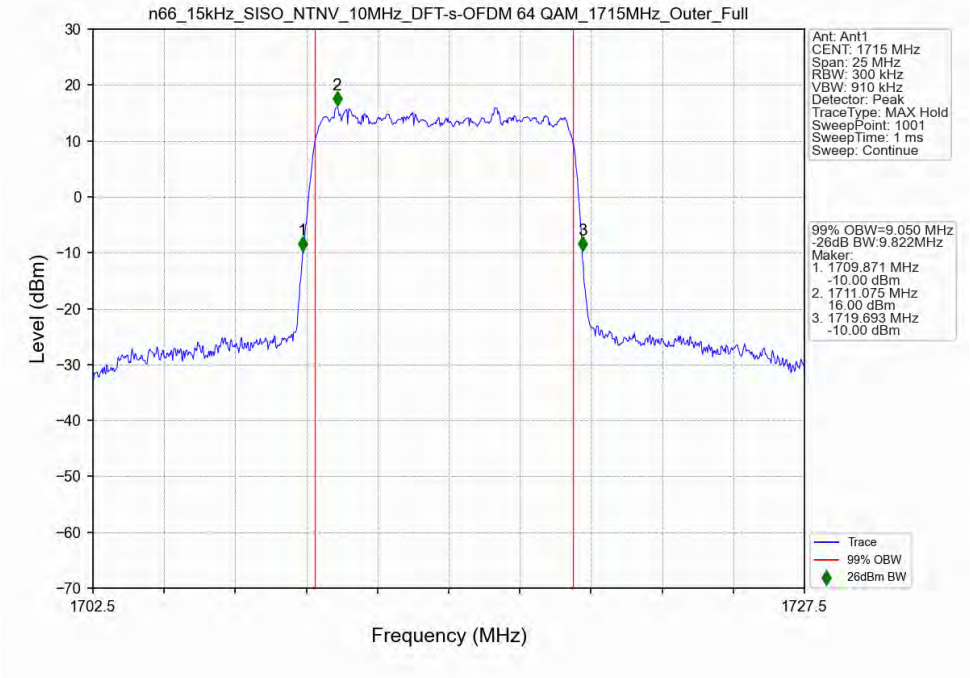

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full



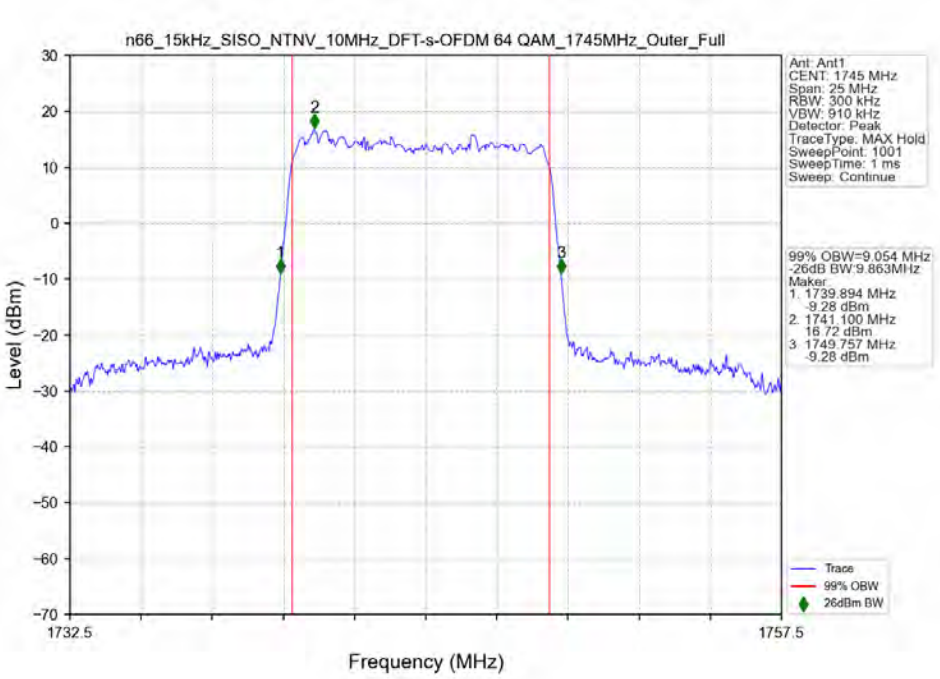
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1775MHz_Outer_Full



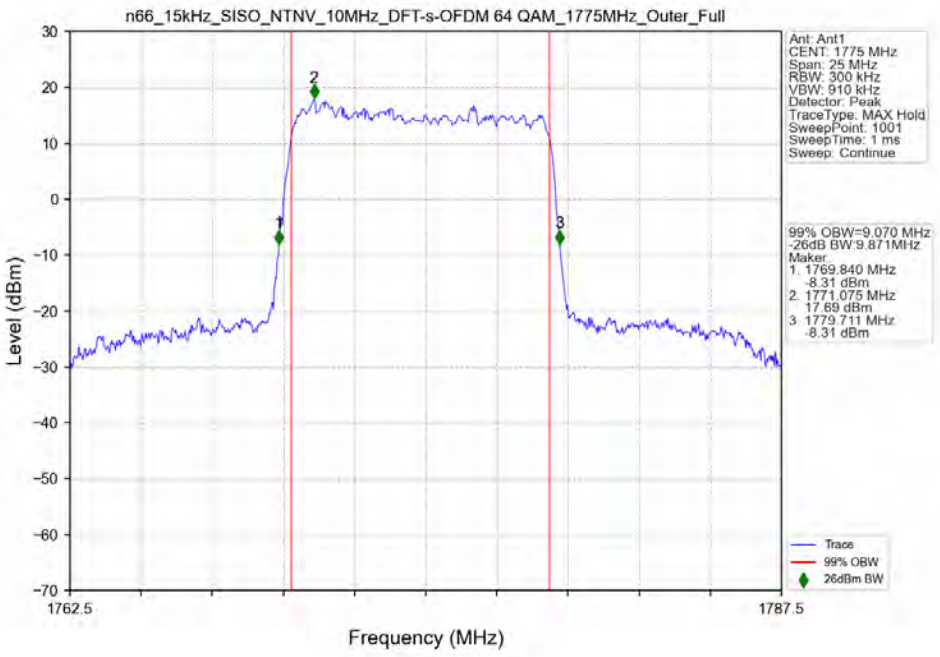

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1715MHz_Outer_Full



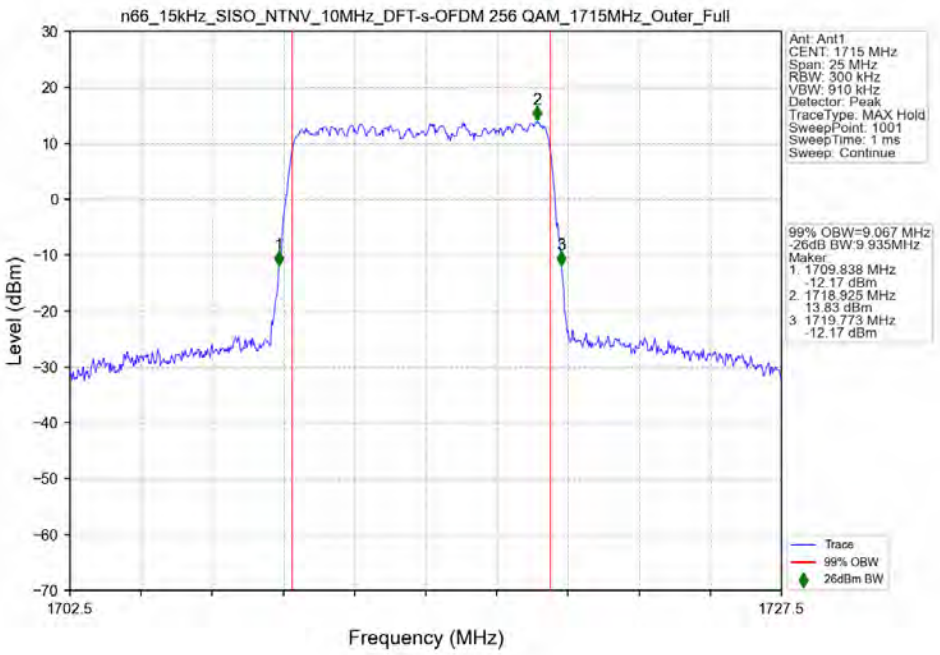
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full



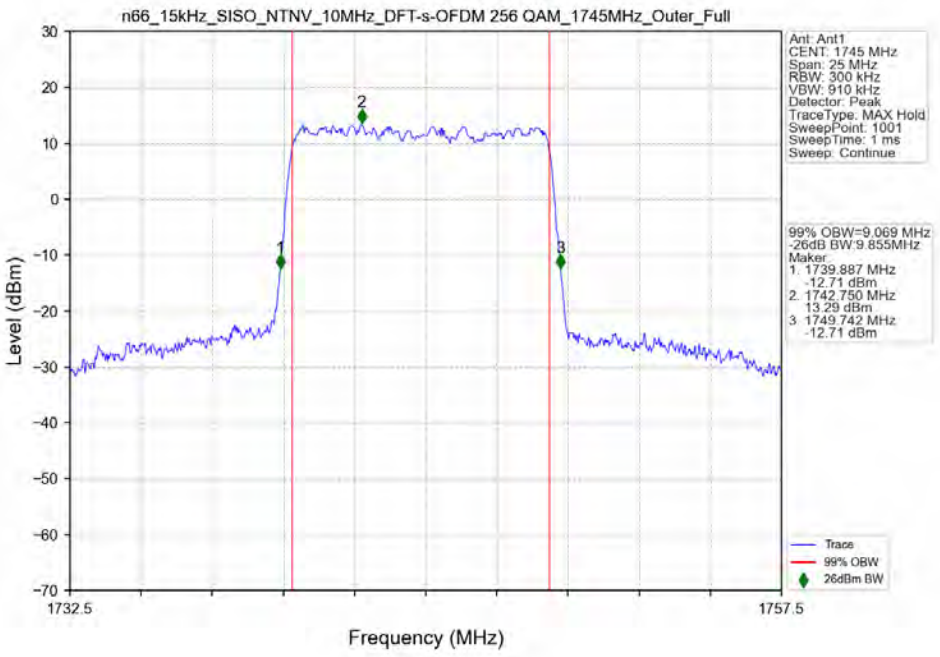

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1775MHz_Outer_Full



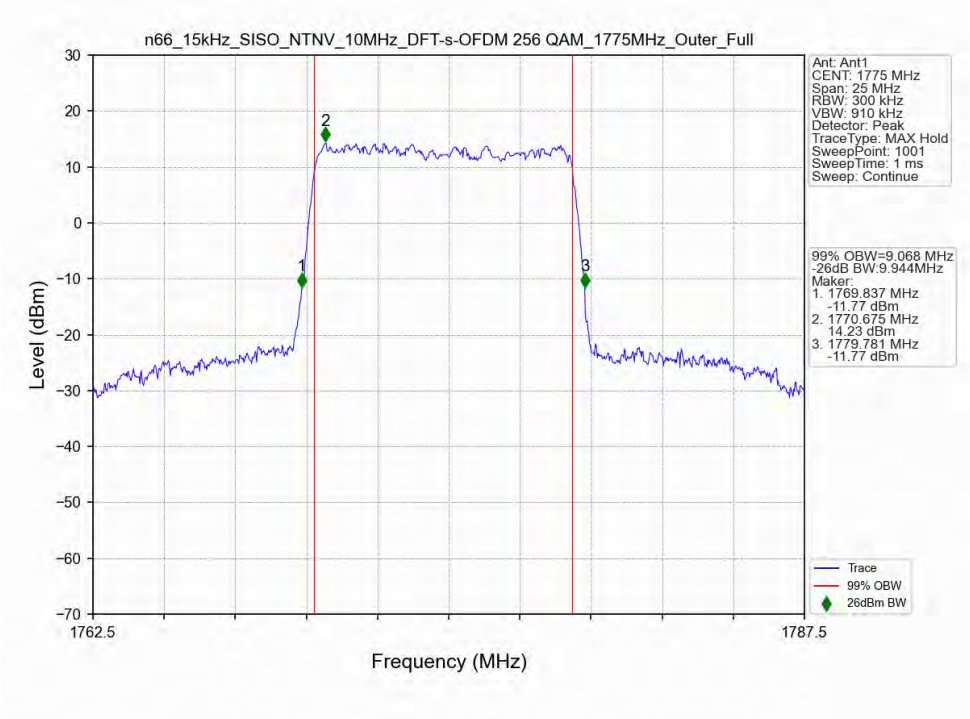
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1715MHz_Outer_Full



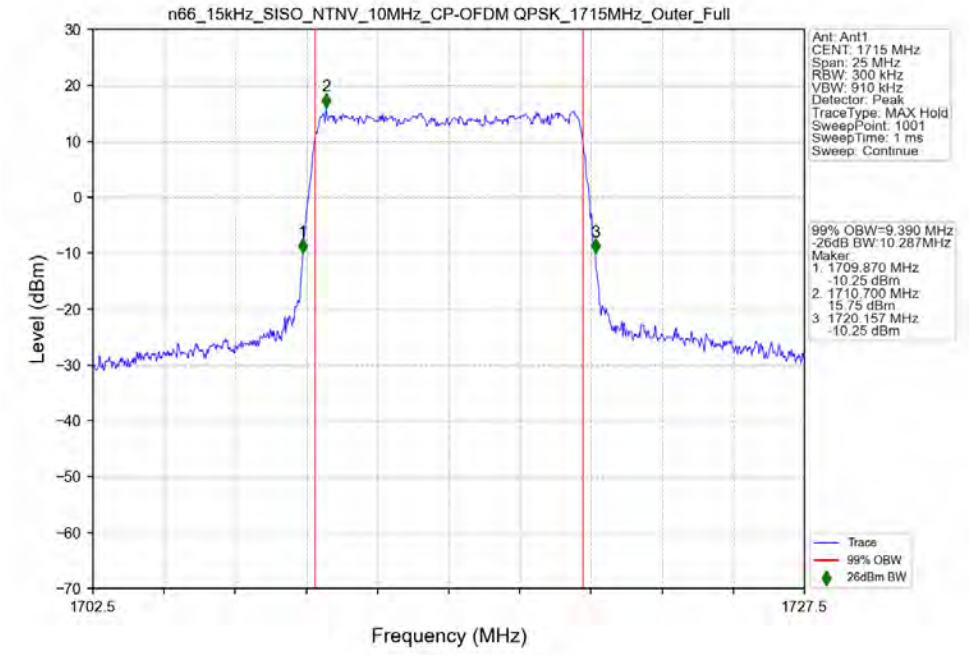

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full



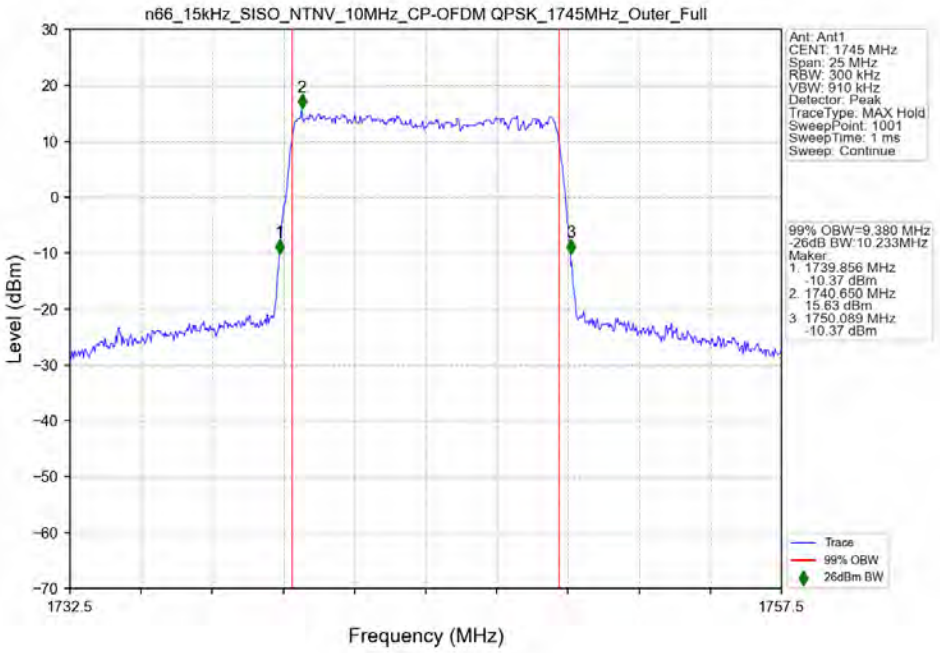
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1775MHz_Outer_Full



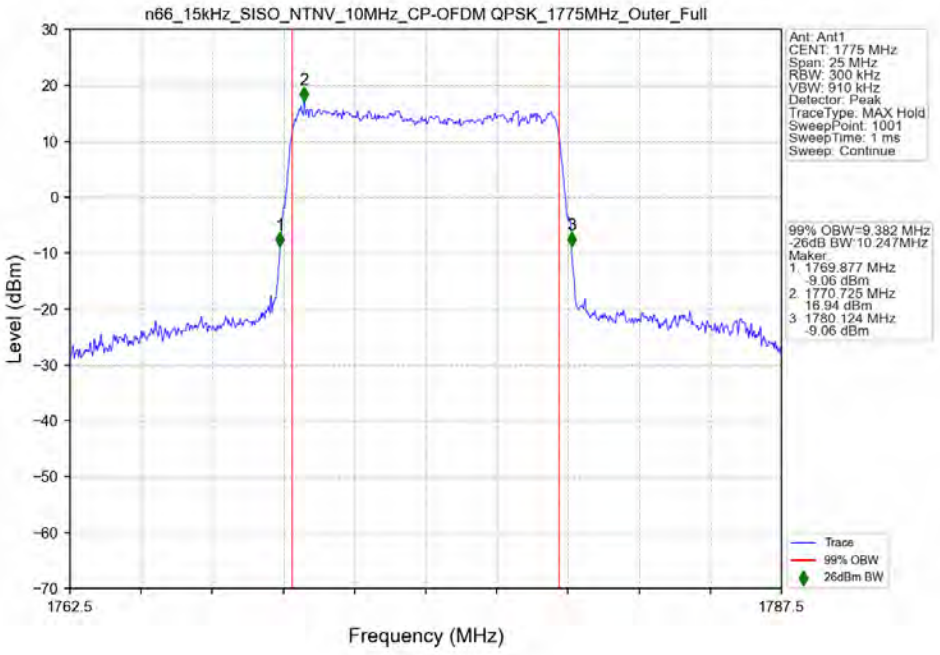

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1715MHz_Outer_Full



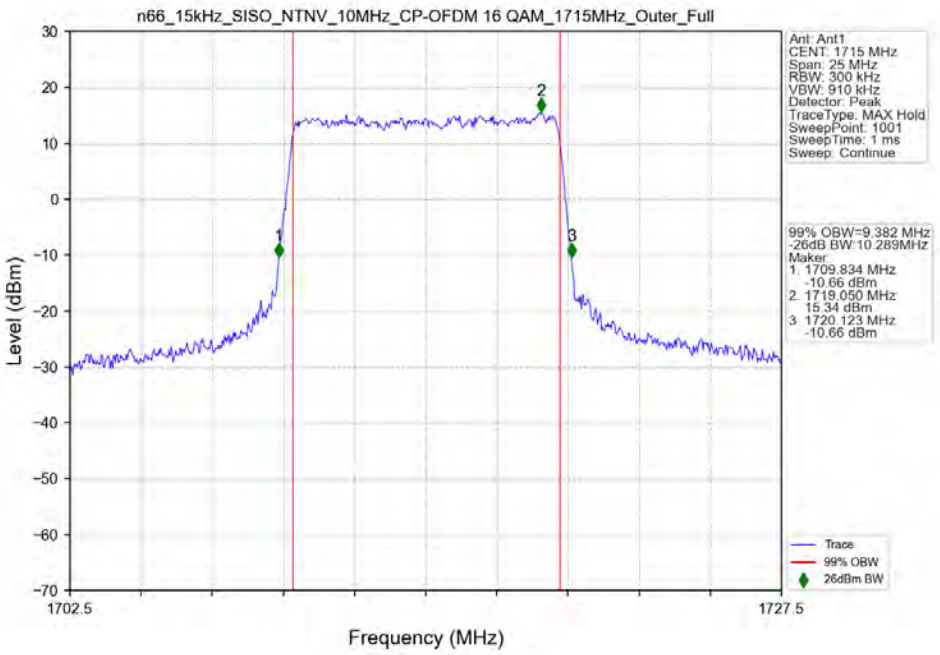
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1745MHz_Outer_Full



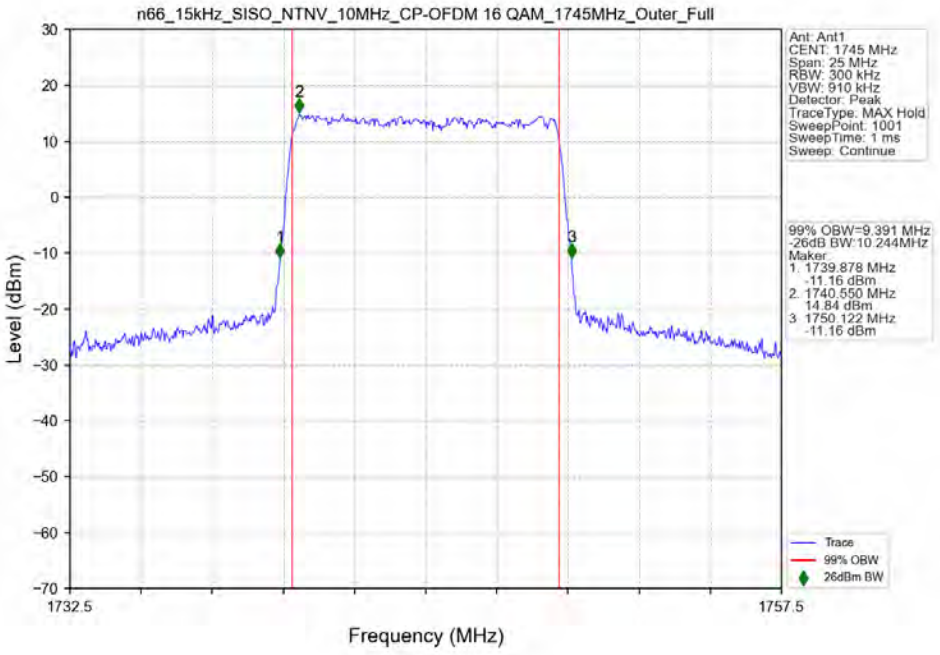

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1775MHz_Outer_Full



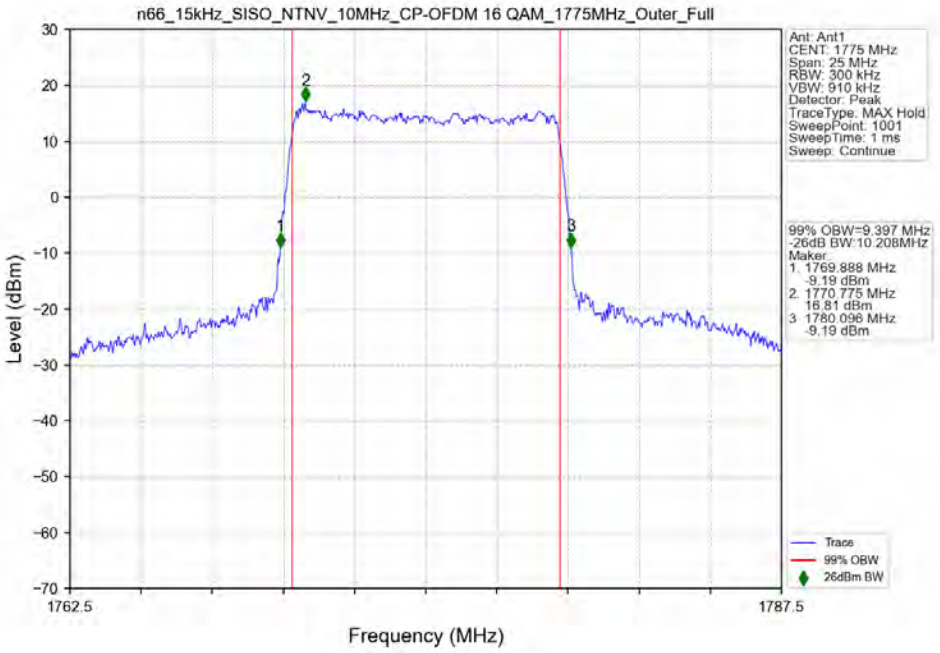
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1715MHz_Outer_Full



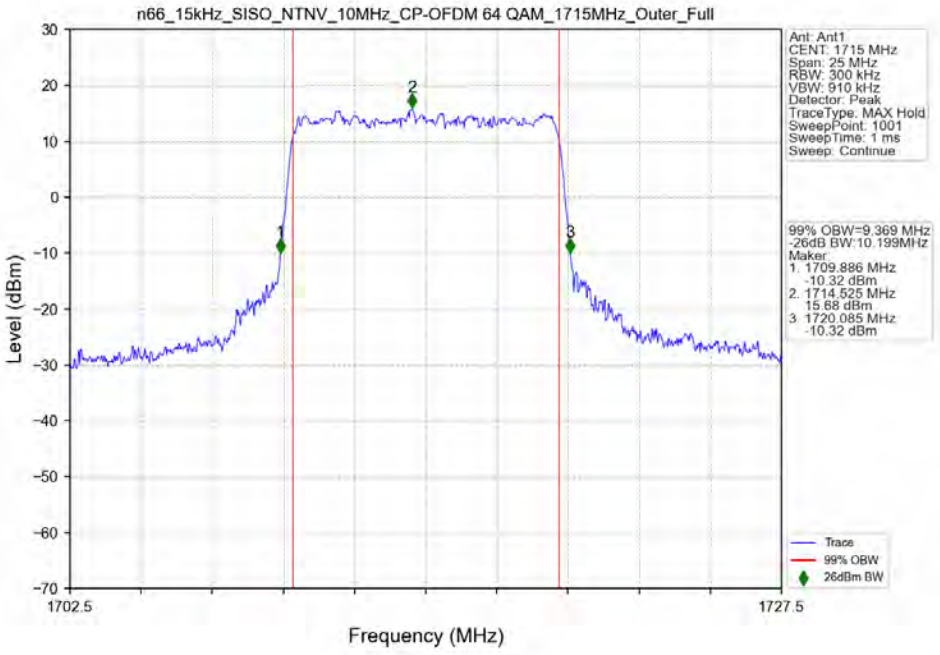

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full



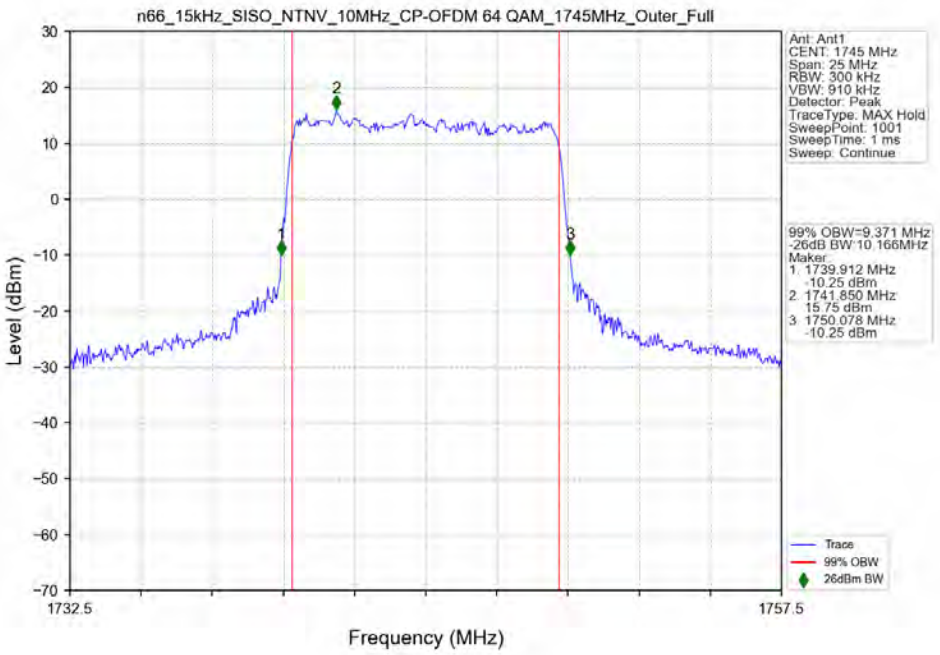
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1775MHz_Outer_Full



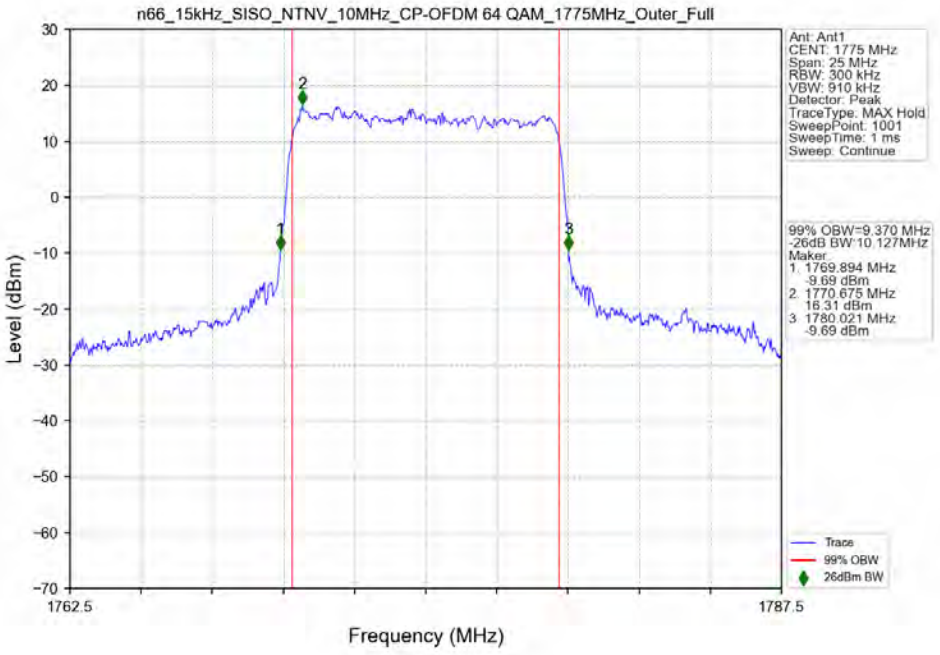

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1715MHz_Outer_Full



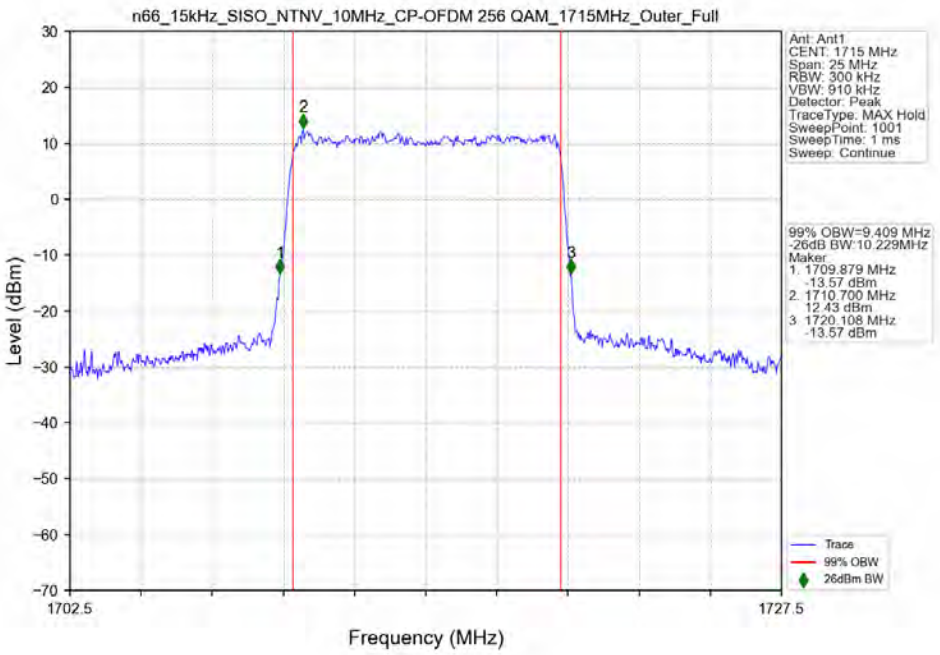
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full



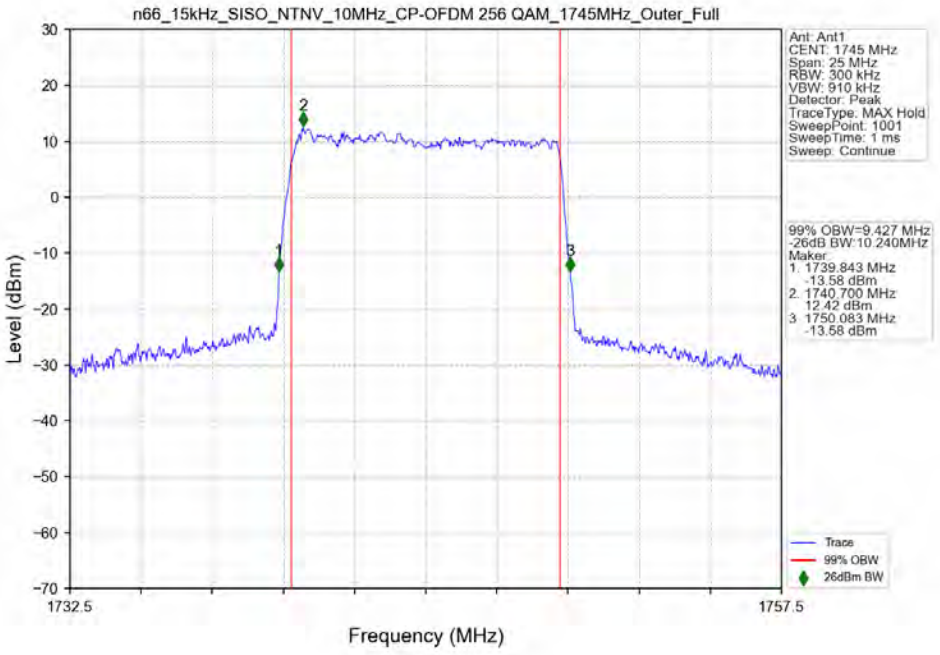

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1775MHz_Outer_Full



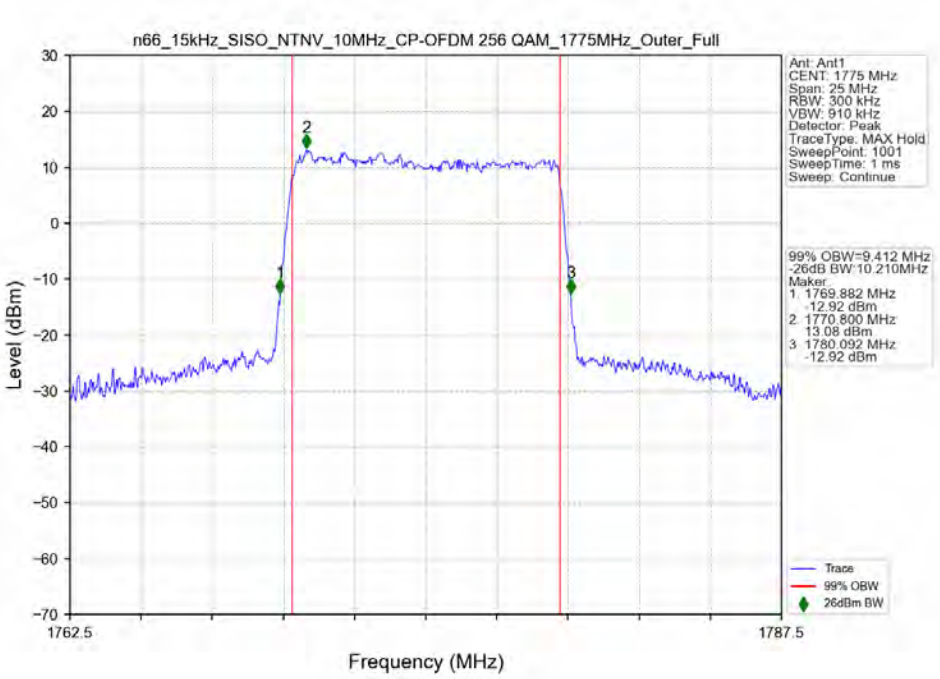
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1715MHz_Outer_Full




n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full

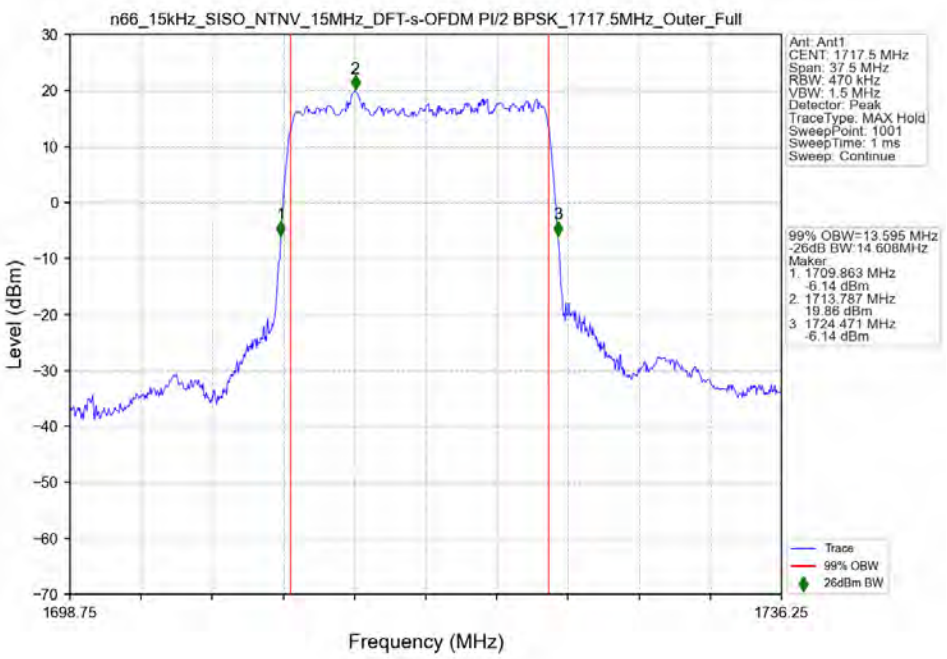


n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1775MHz_Outer_Full

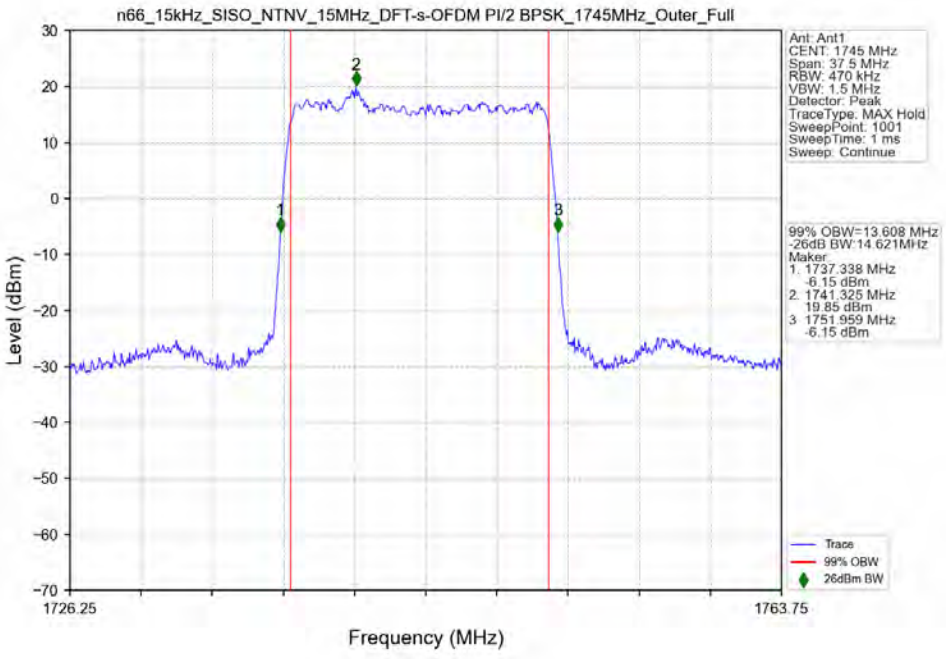


### 3.2.3 15k_SISO_15MHz_NTNV

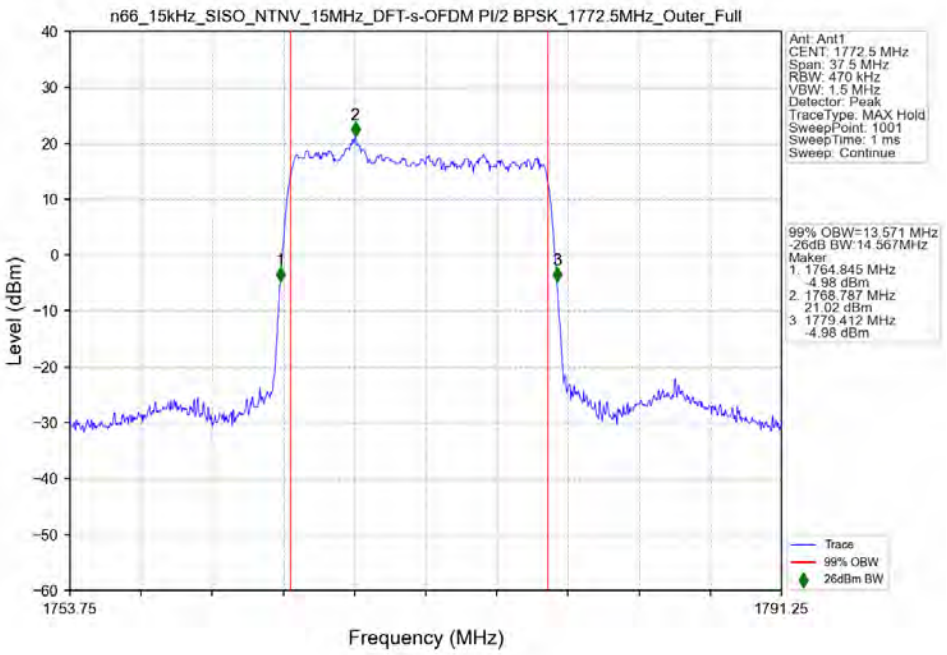
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1717.5MHz_Outer_Full



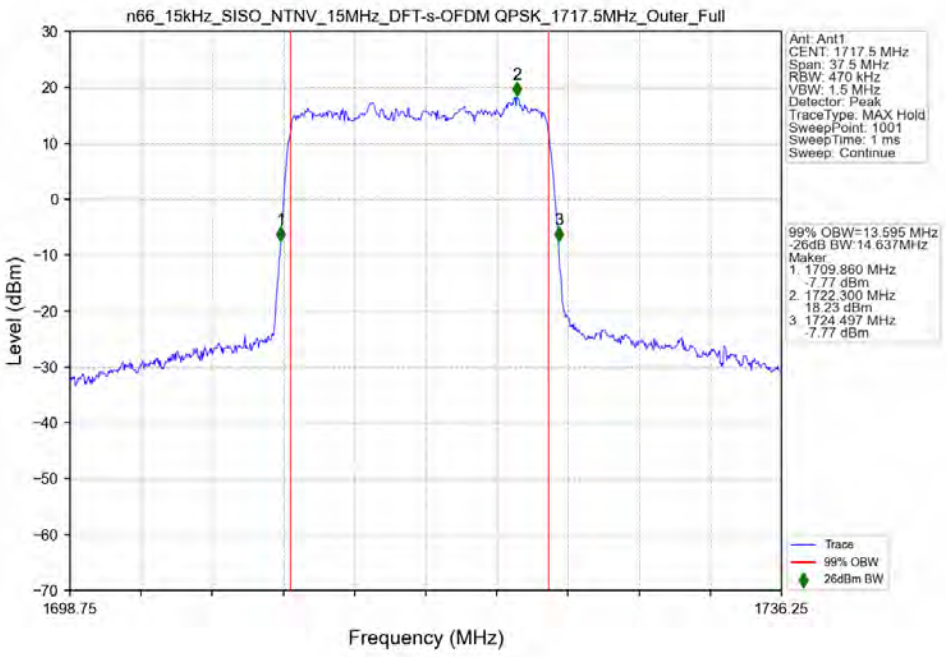

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full



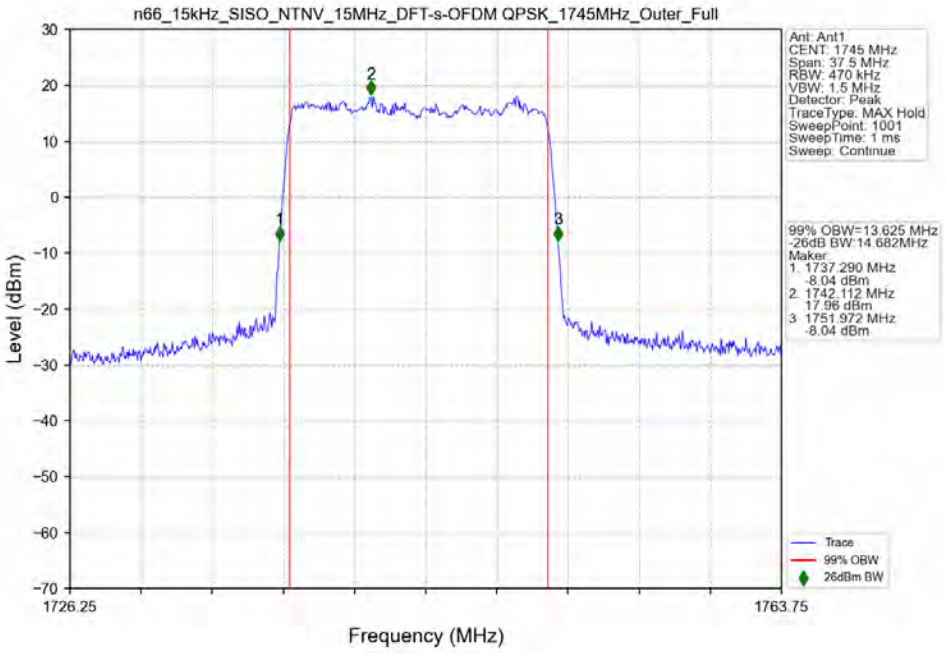
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1772.5MHz_Outer_Full



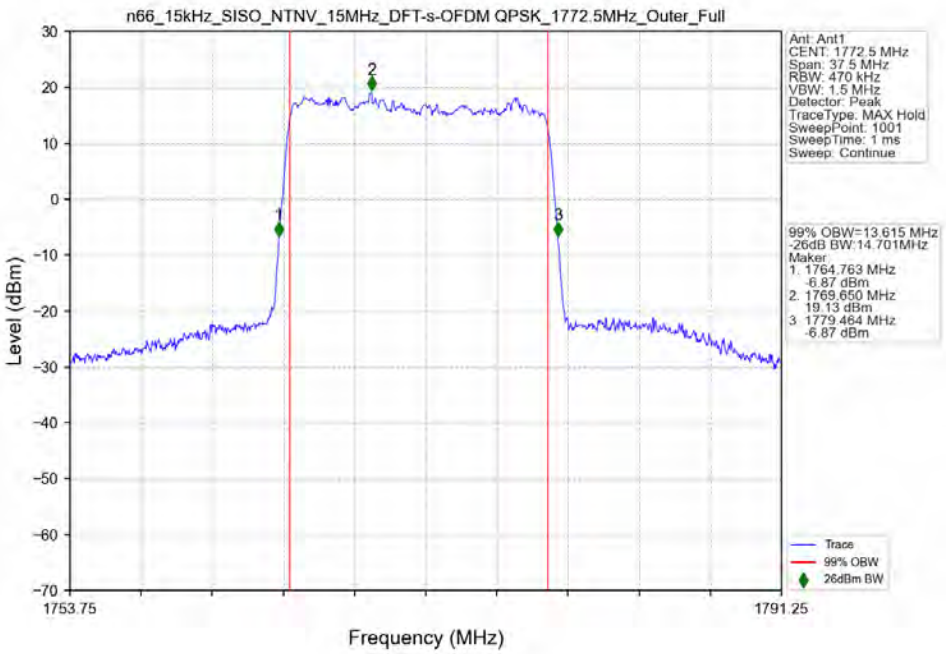

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1717.5MHz_Outer_Full



n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full

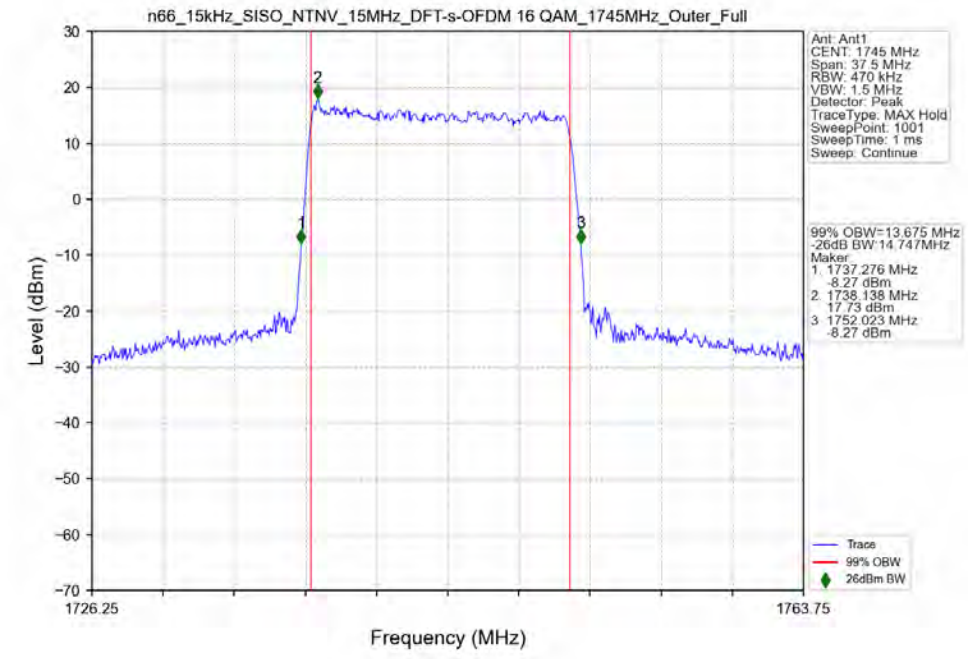



n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1772.5MHz_Outer_Full

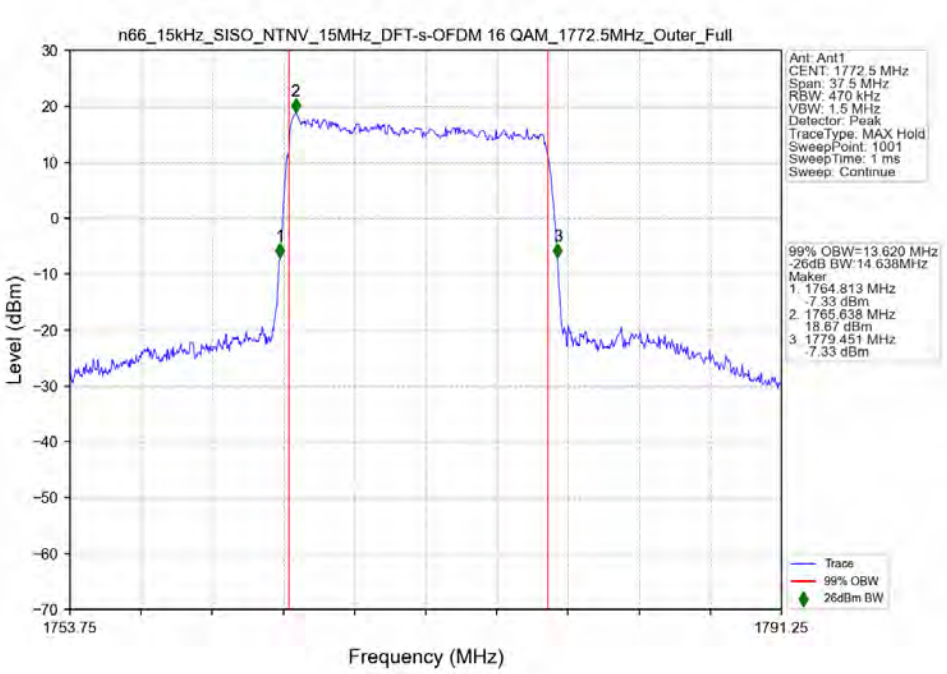


n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1717.5MHz_Outer_Full

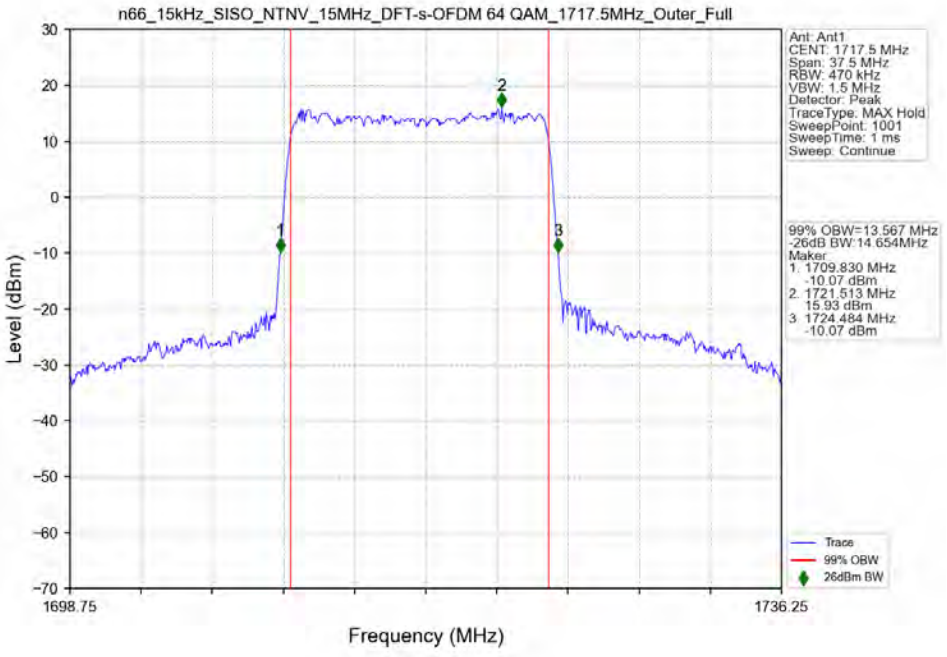

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full



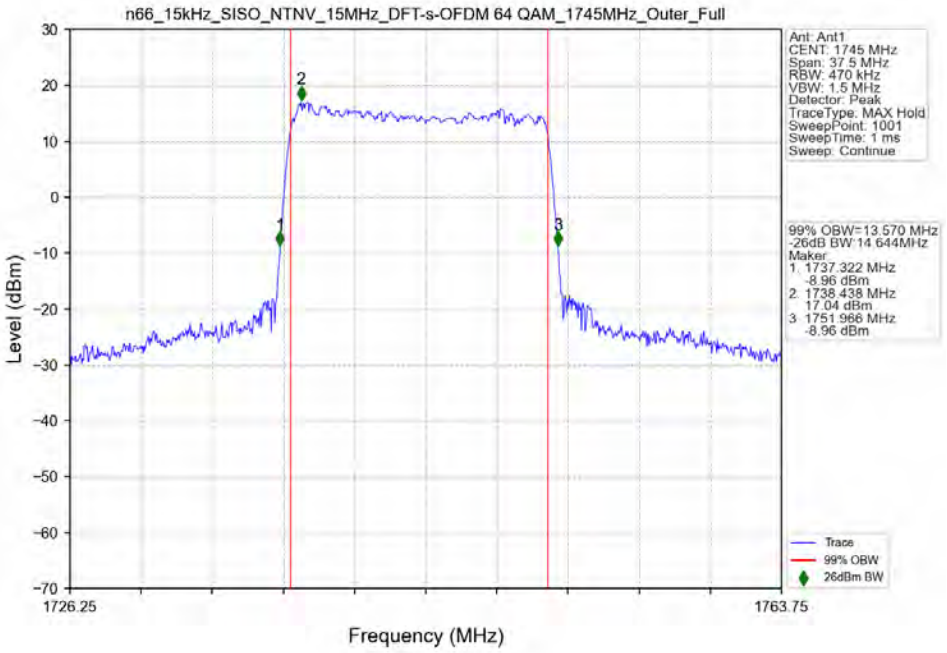
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1772.5MHz_Outer_Full



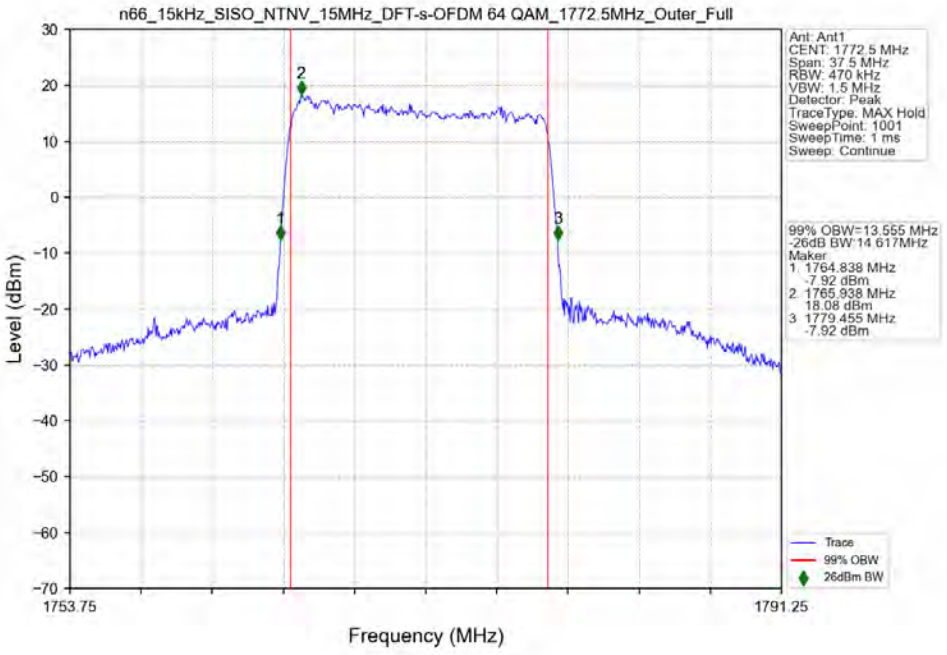

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1717.5MHz_Outer_Full



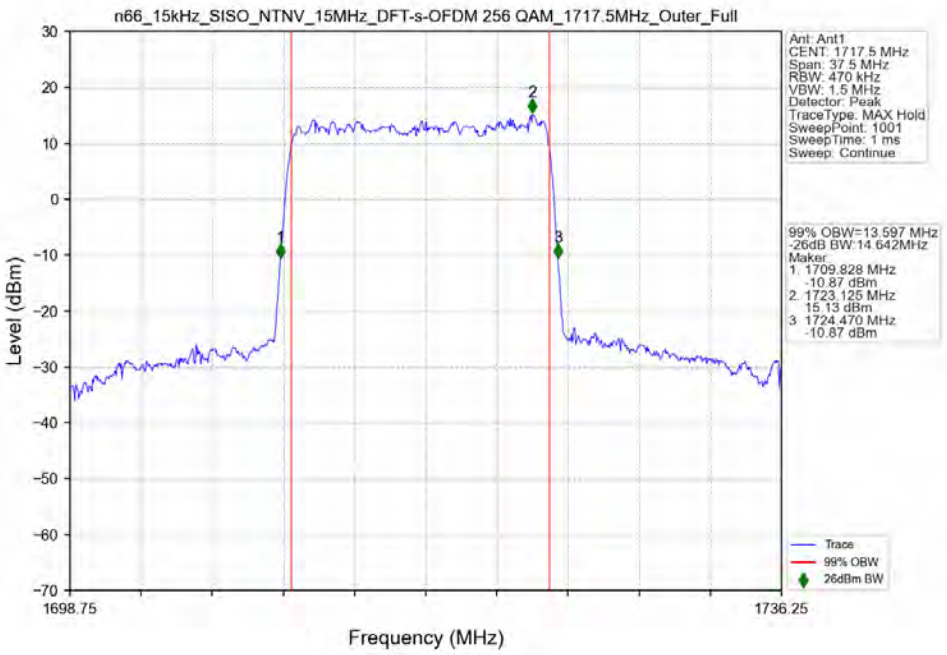
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full



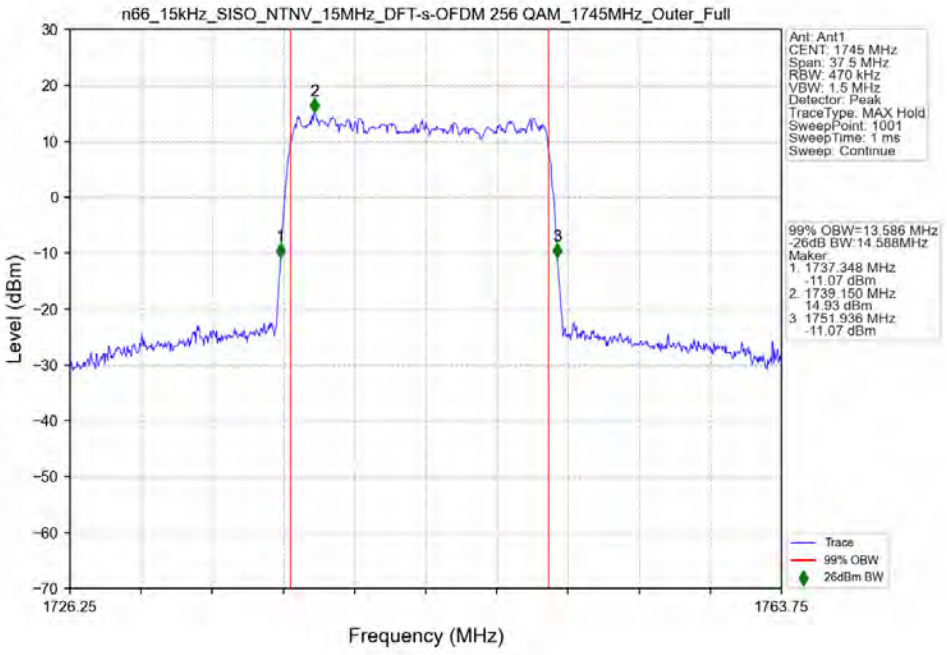

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1772.5MHz_Outer_Full



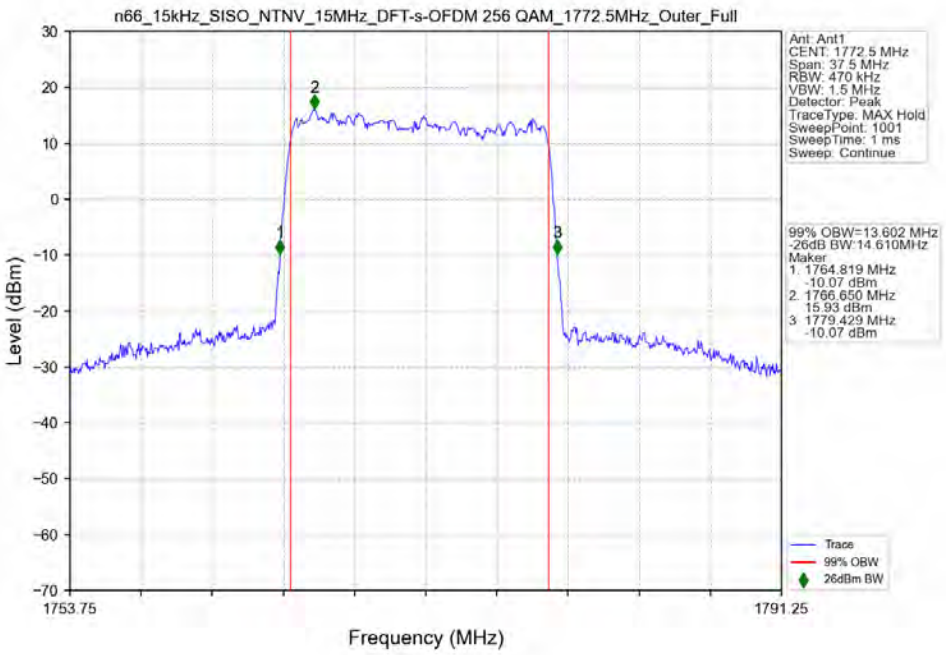
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1717.5MHz_Outer_Full



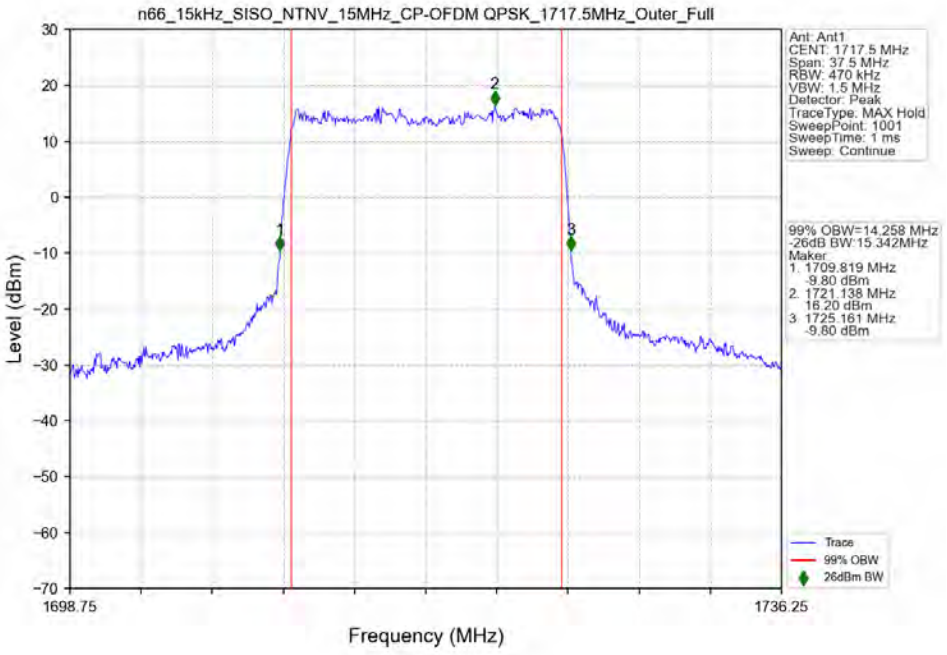

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full



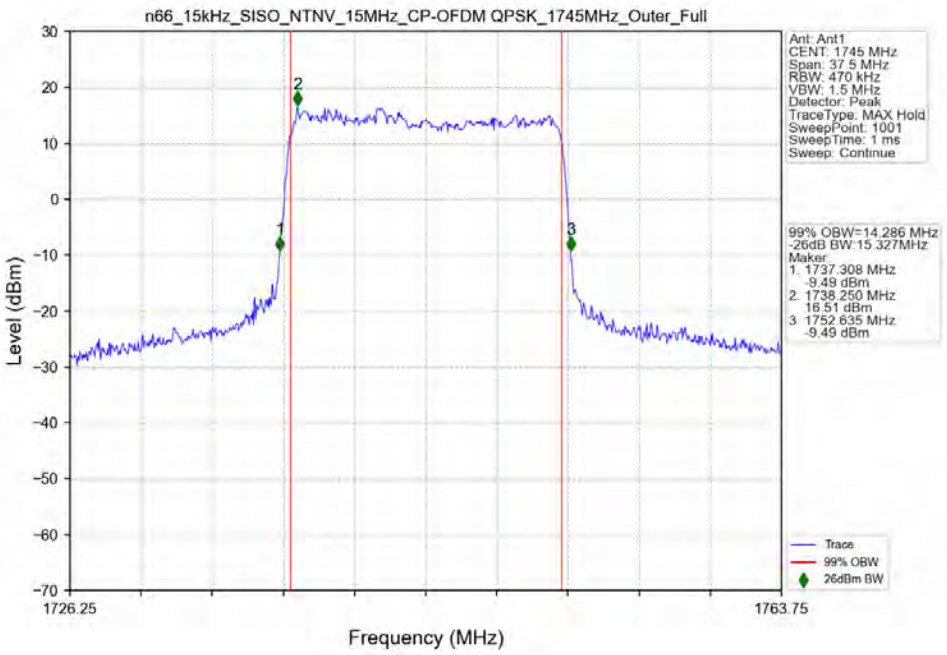
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1772.5MHz_Outer_Full



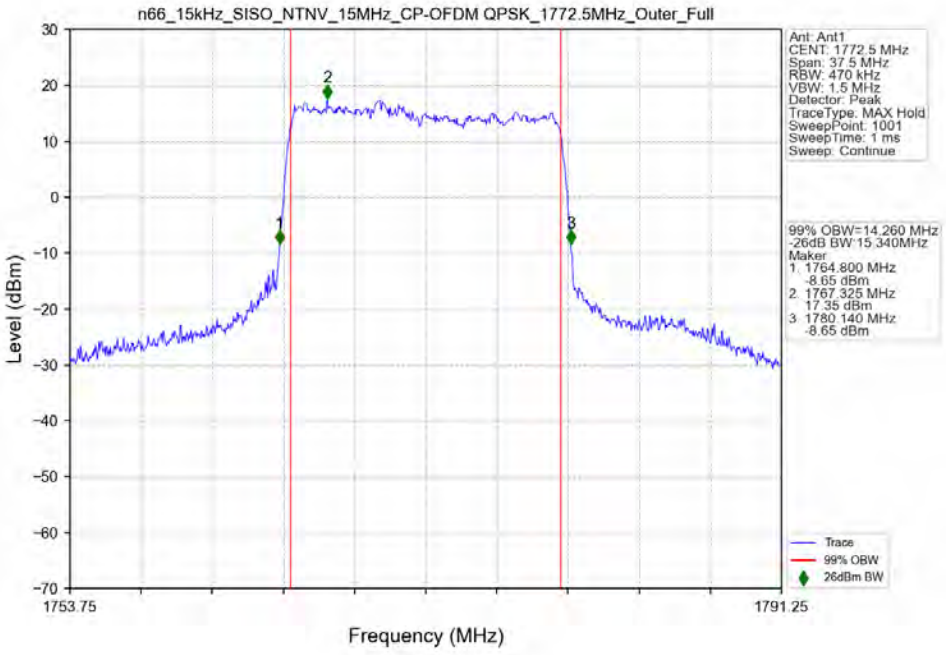

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1717.5MHz_Outer_Full



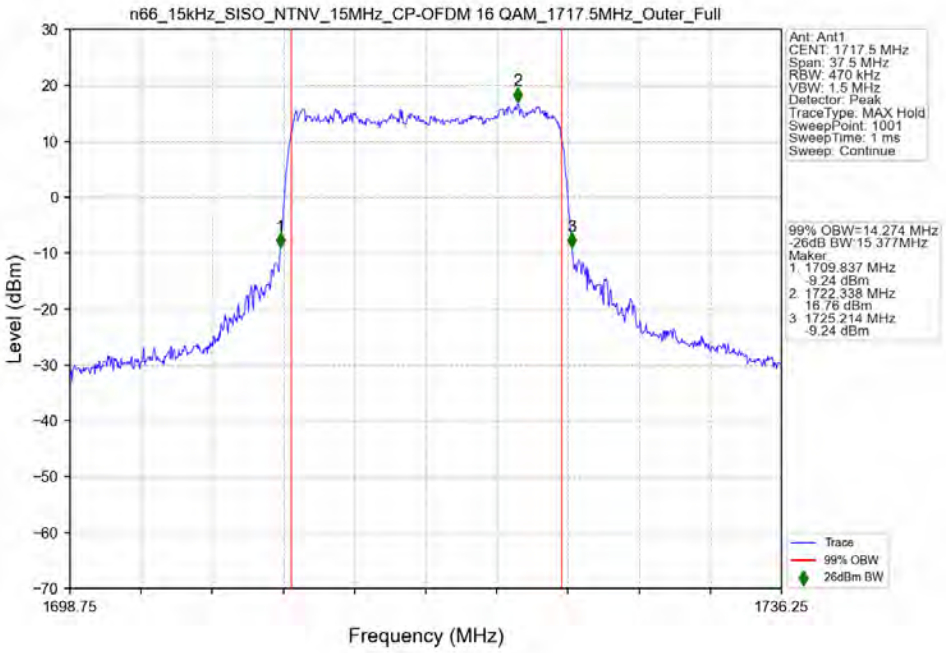
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1745MHz_Outer_Full



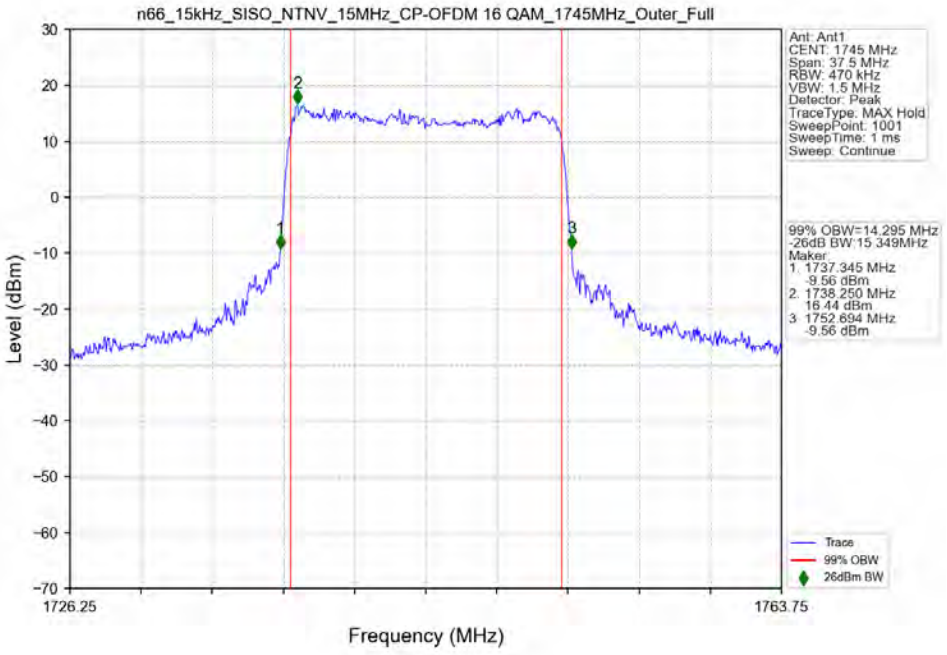

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1772.5MHz_Outer_Full



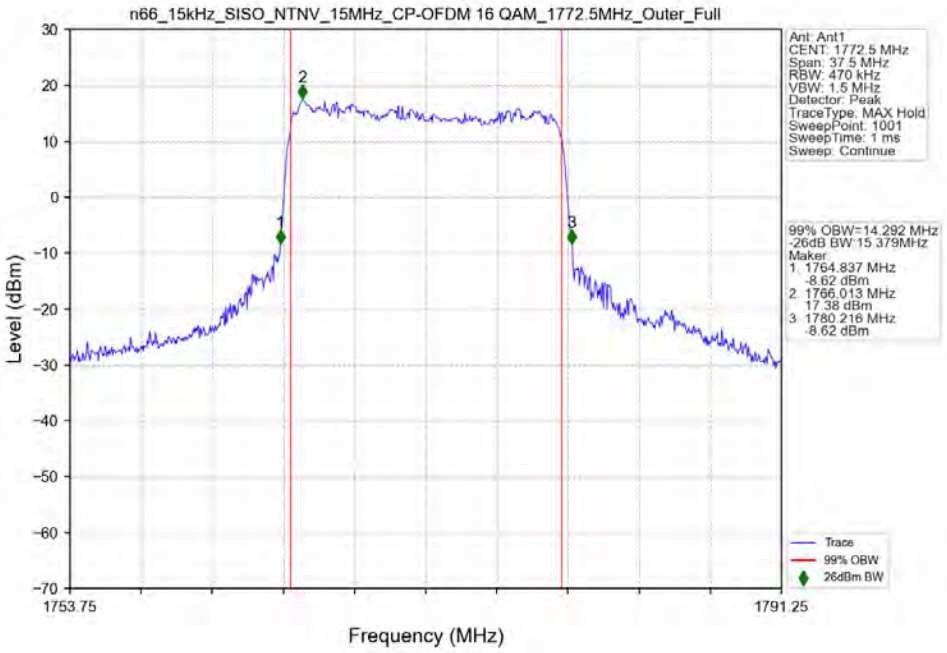
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1717.5MHz_Outer_Full



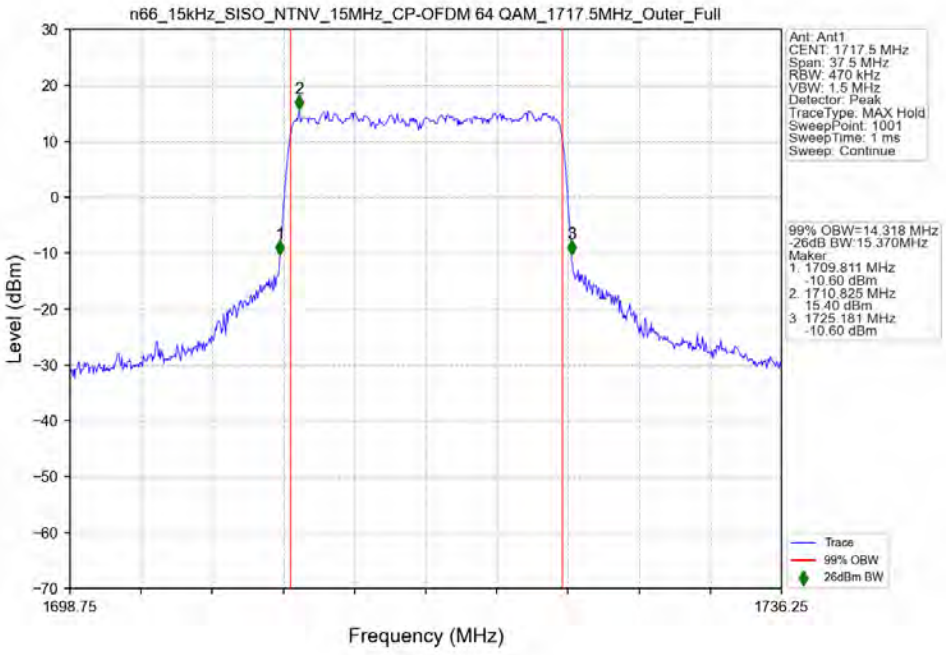

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full



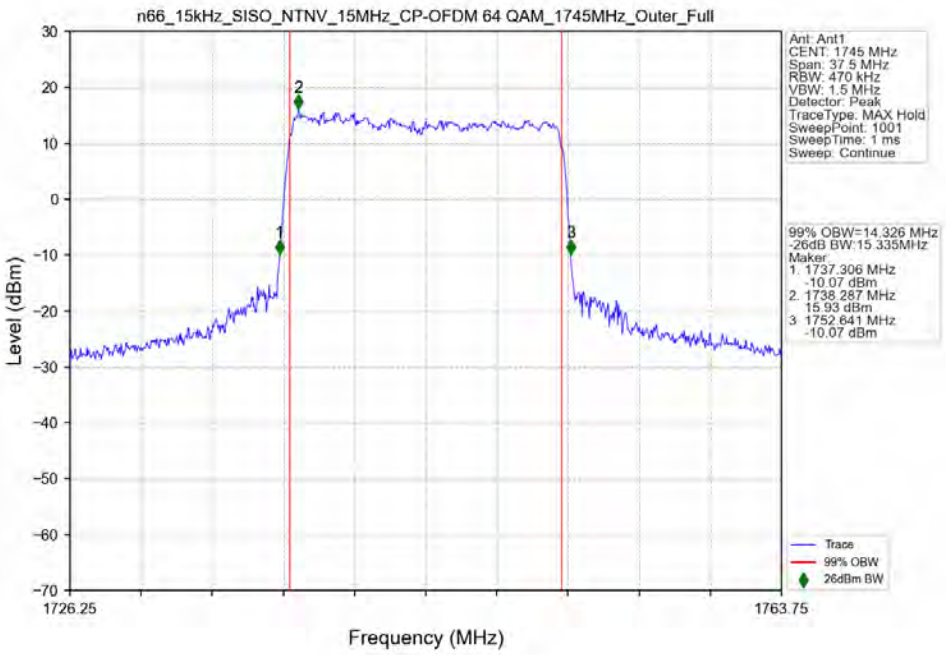
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1772.5MHz_Outer_Full



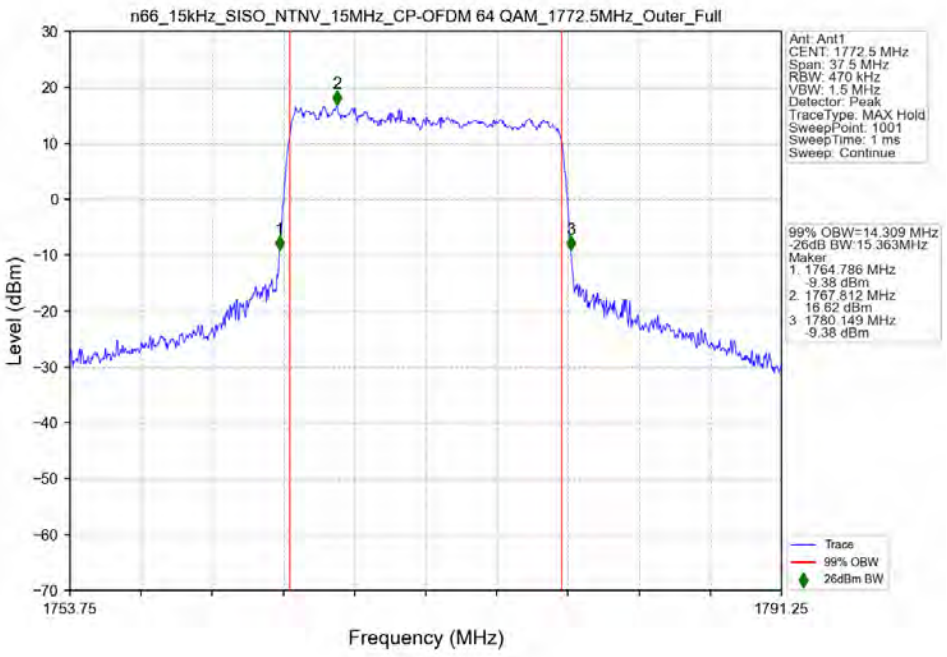

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1717.5MHz_Outer_Full



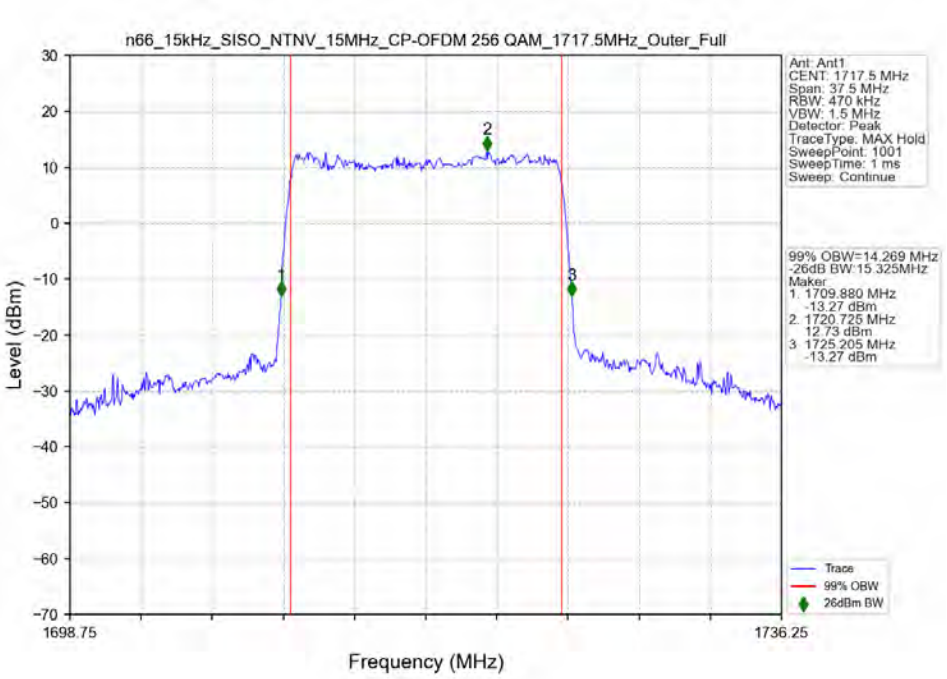
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full



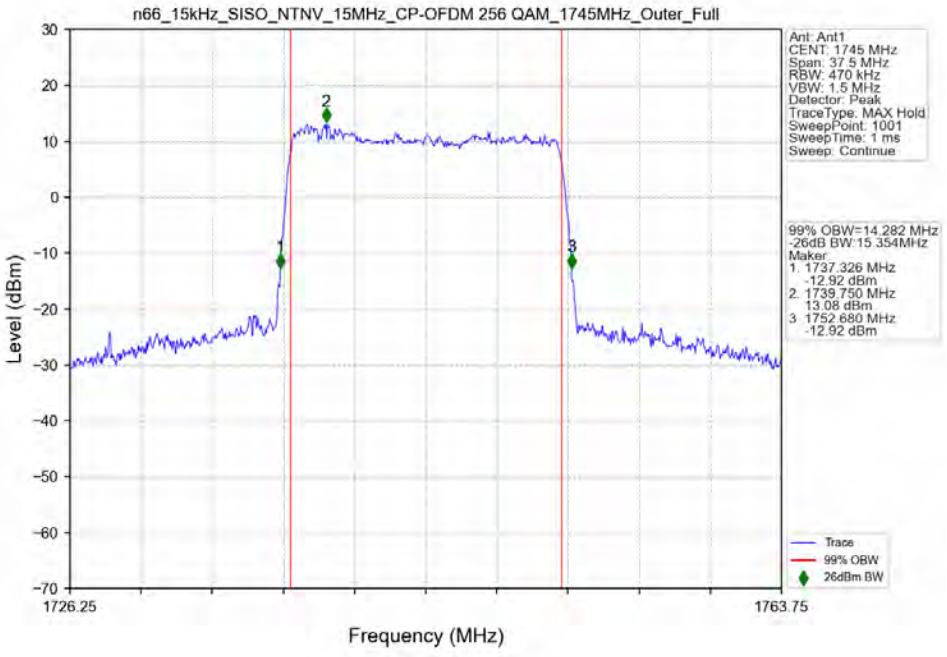

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1772.5MHz_Outer_Full



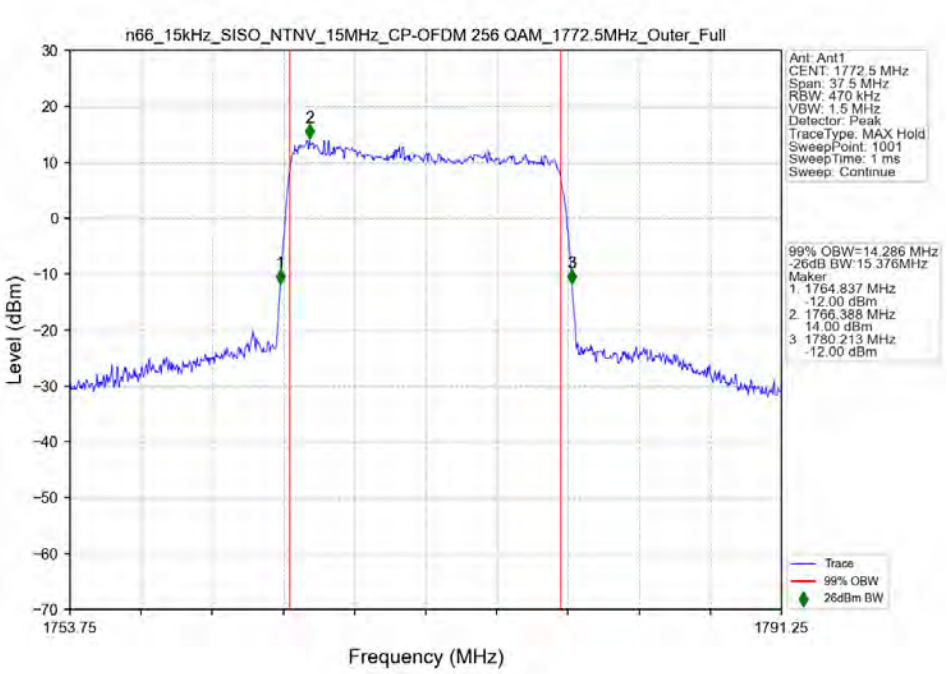
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1717.5MHz_Outer_Full




n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full

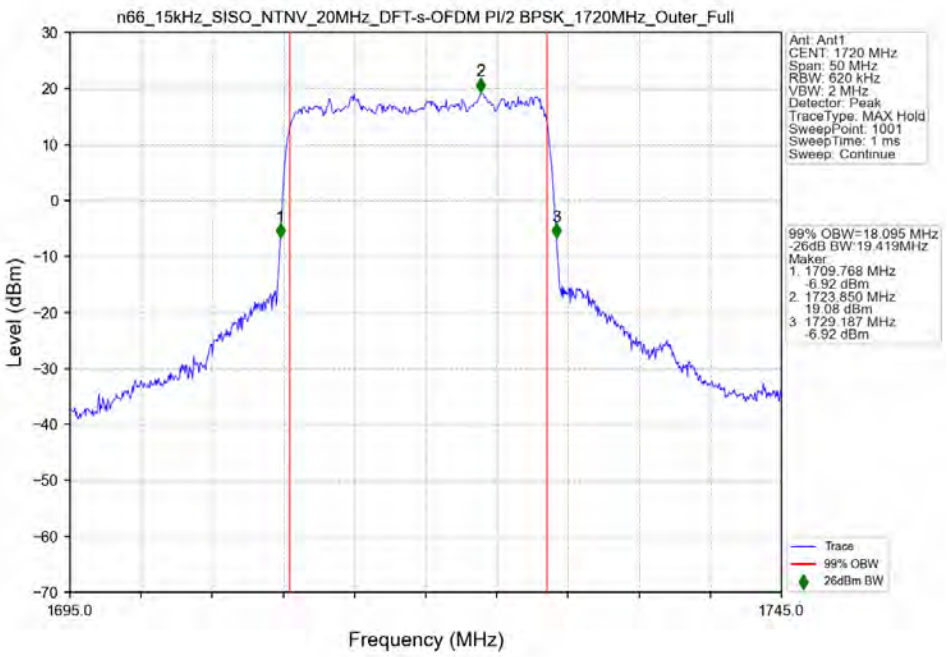


n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1772.5MHz_Outer_Full

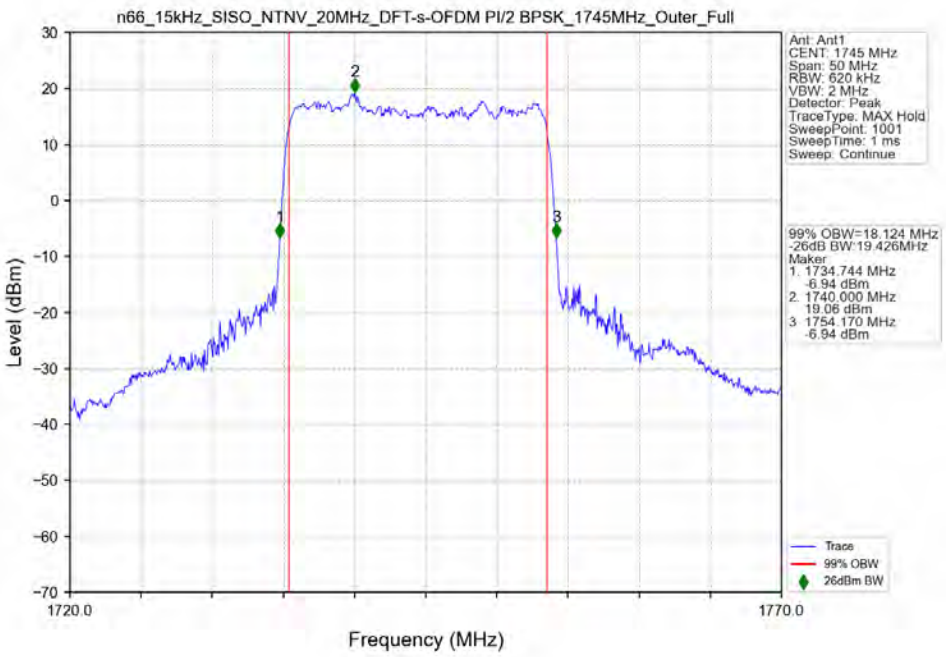


### 3.2.4 15k_SISO_20MHz_NTNV

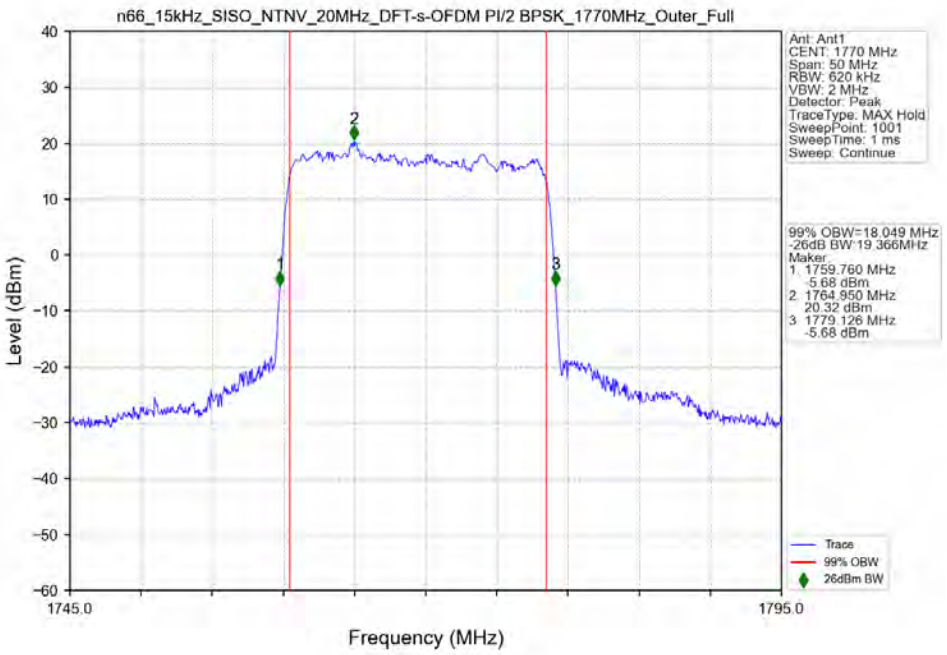
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1720MHz_Outer_Full



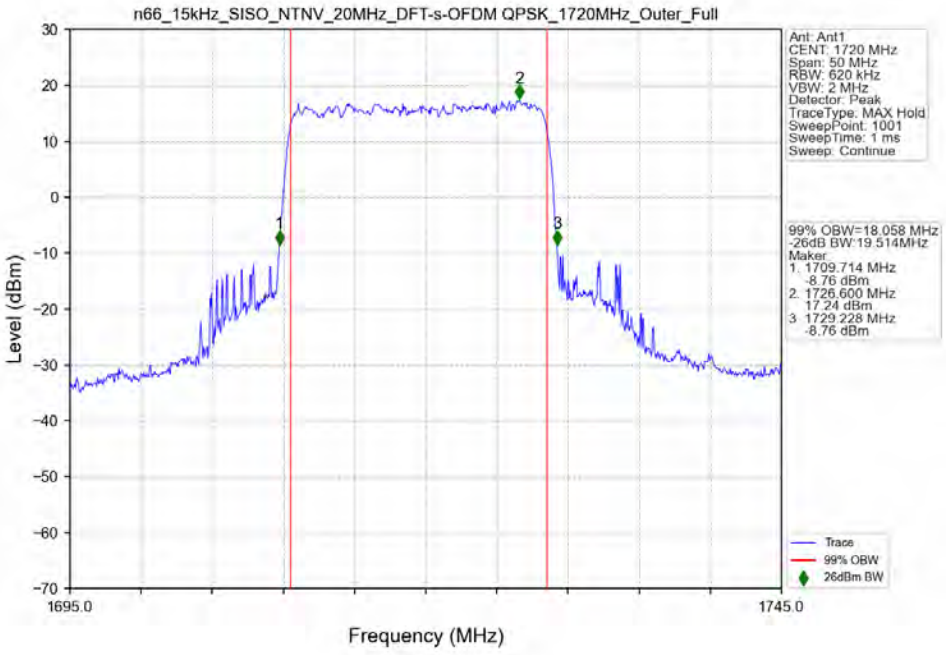

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full



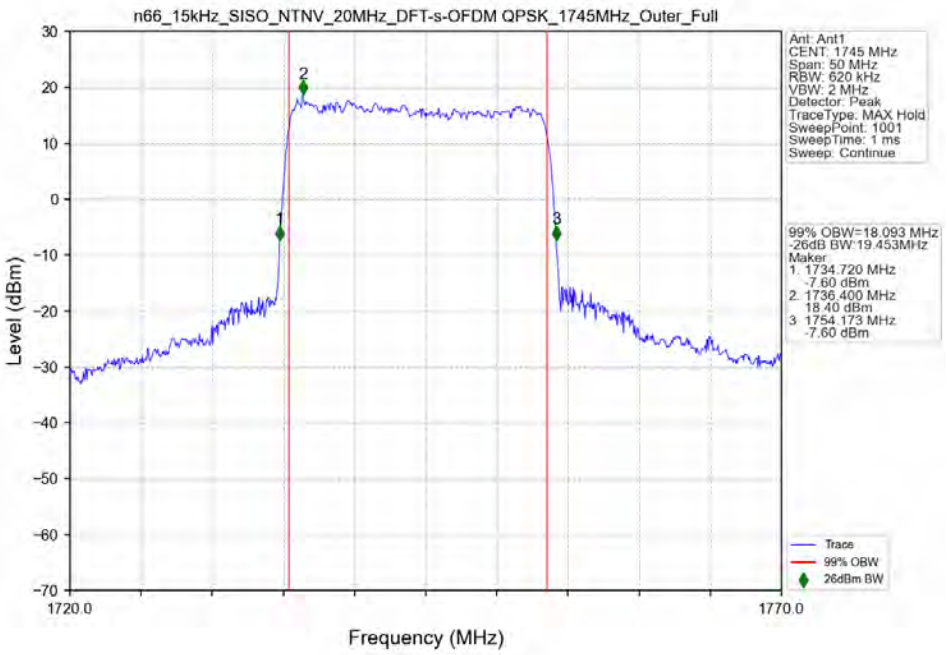
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1770MHz_Outer_Full



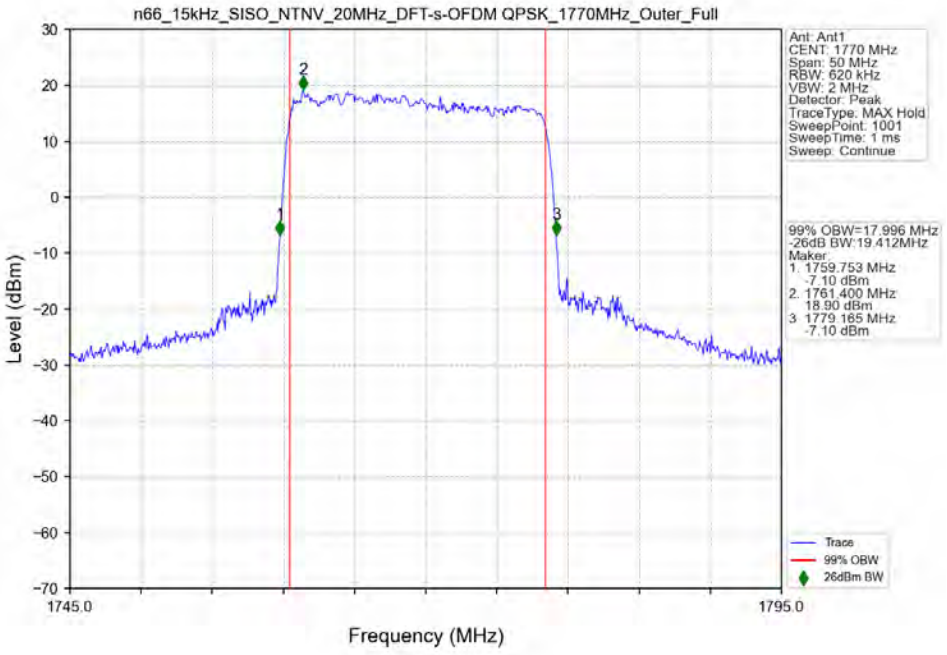

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1720MHz_Outer_Full



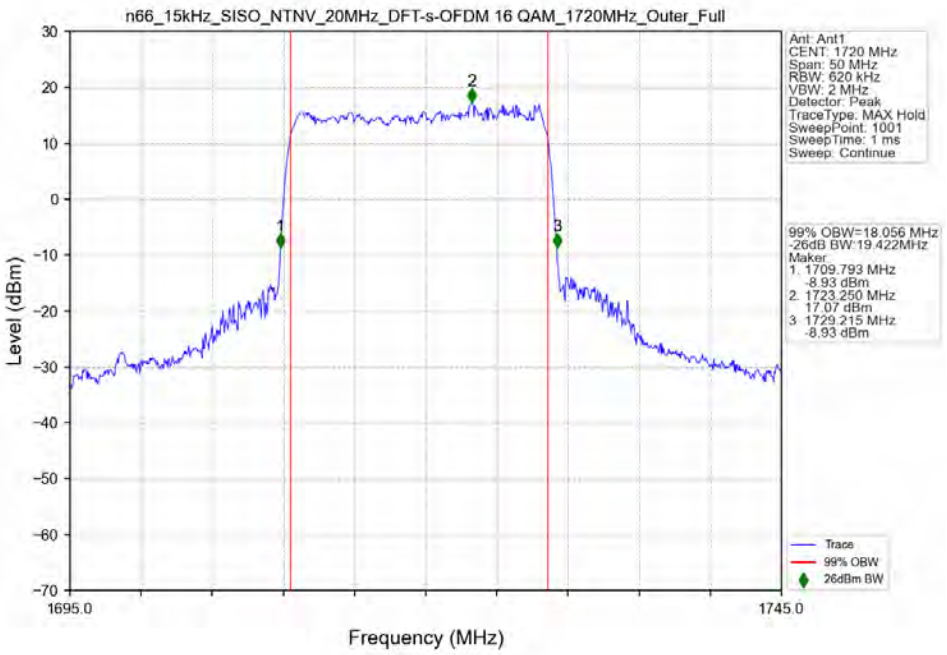
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



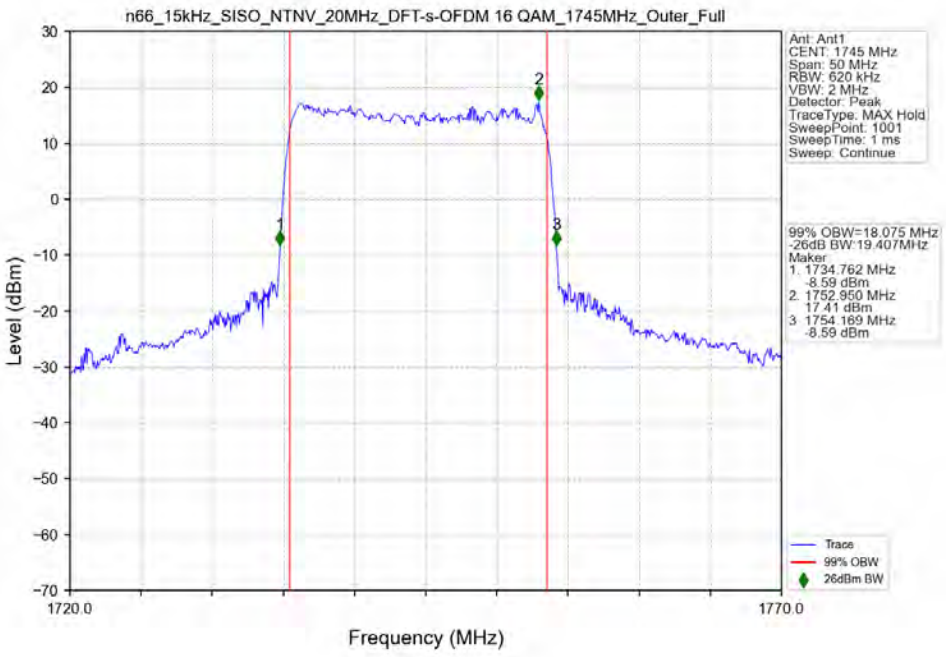

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1770MHz_Outer_Full



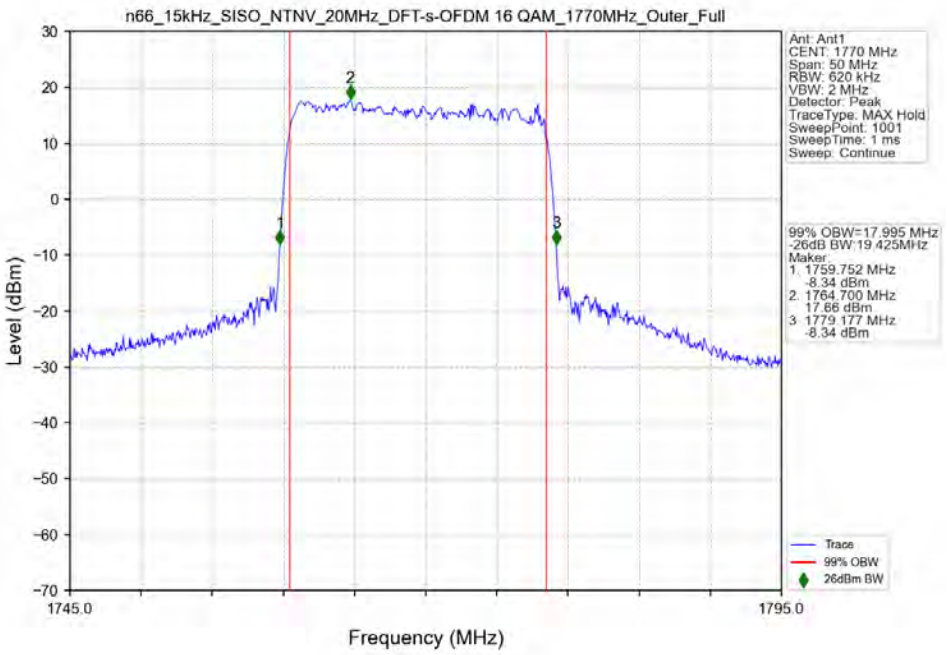
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1720MHz_Outer_Full



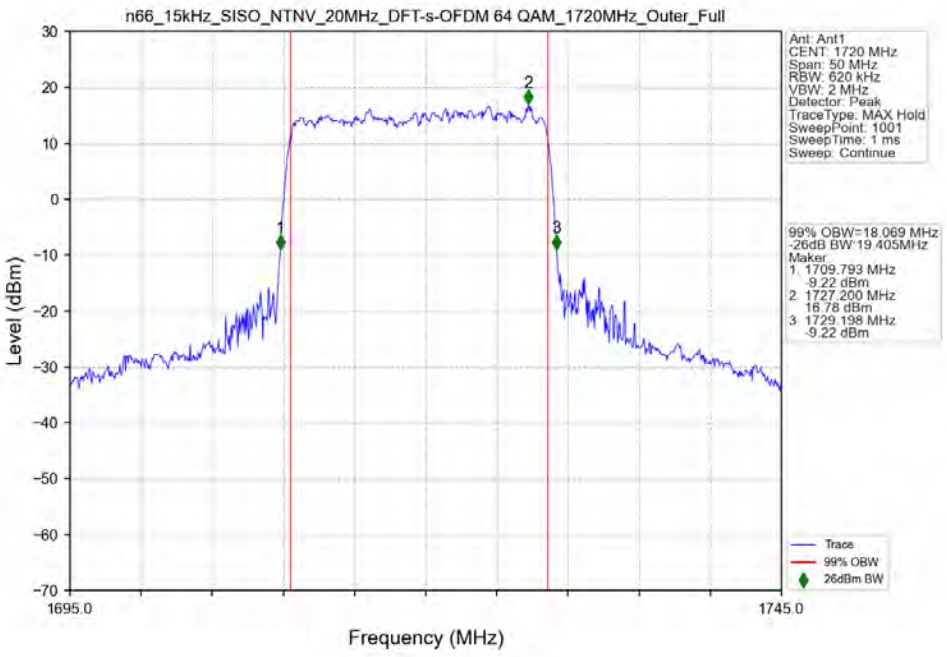

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full



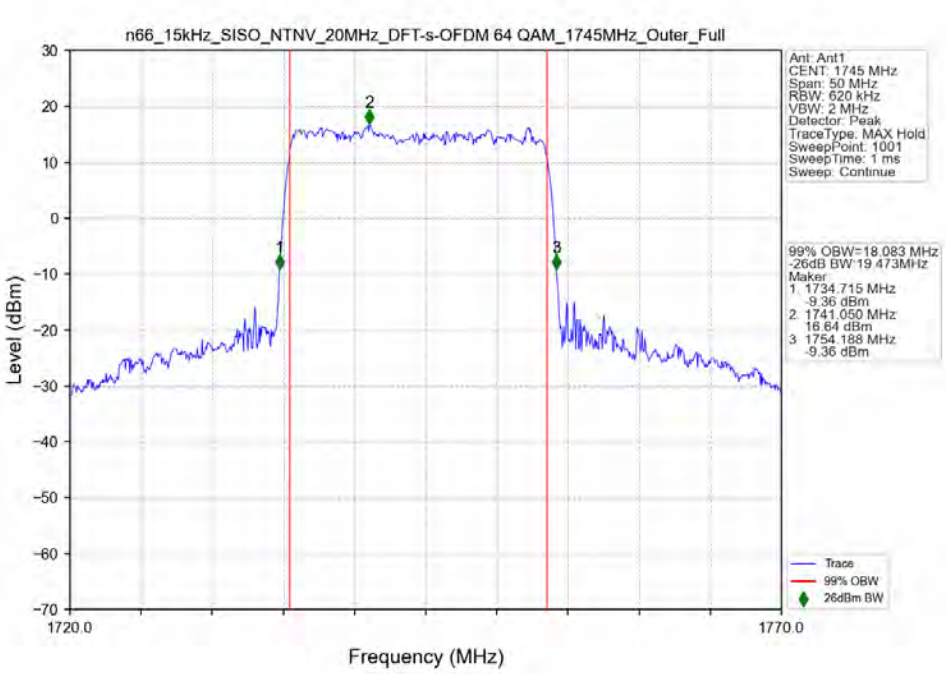
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1770MHz_Outer_Full



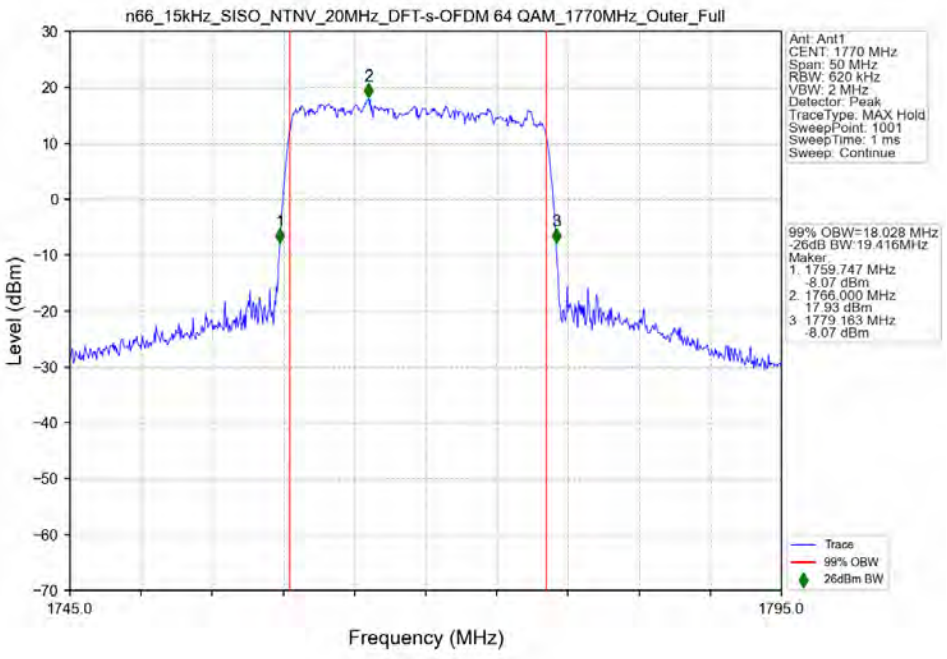

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1720MHz_Outer_Full



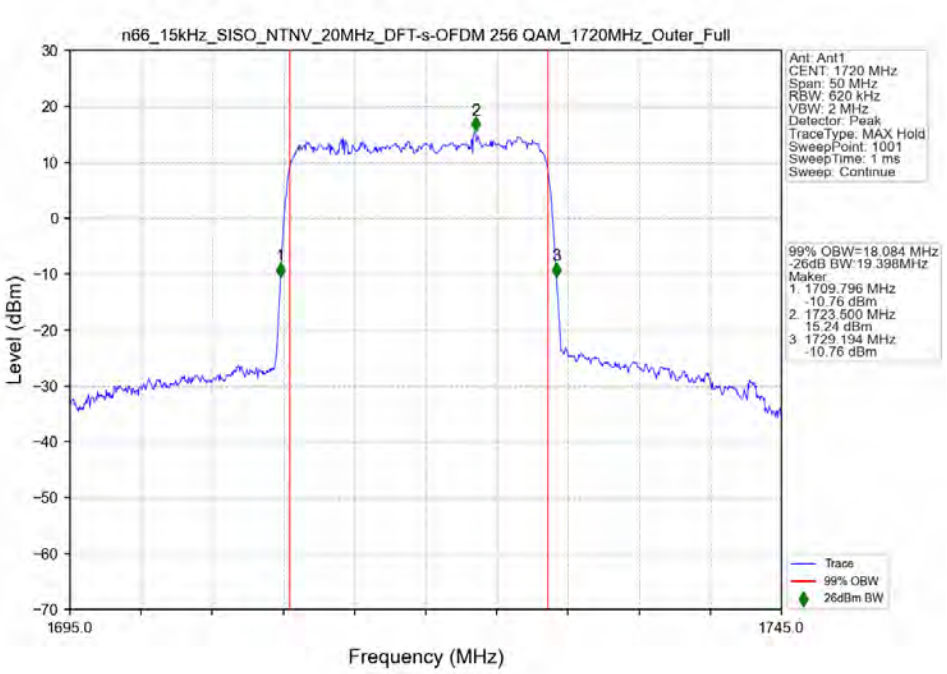
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full



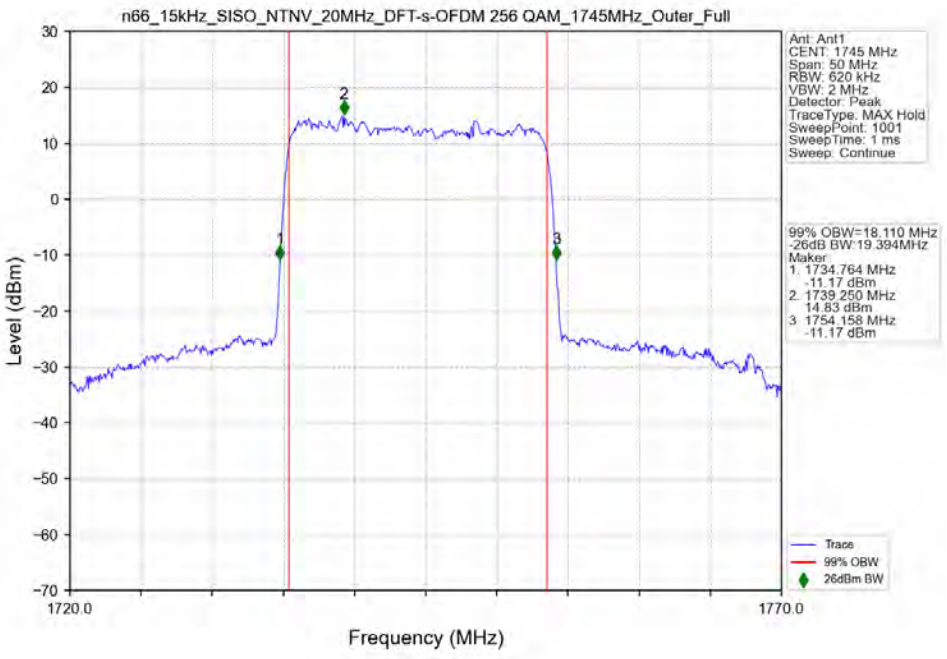

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1770MHz_Outer_Full



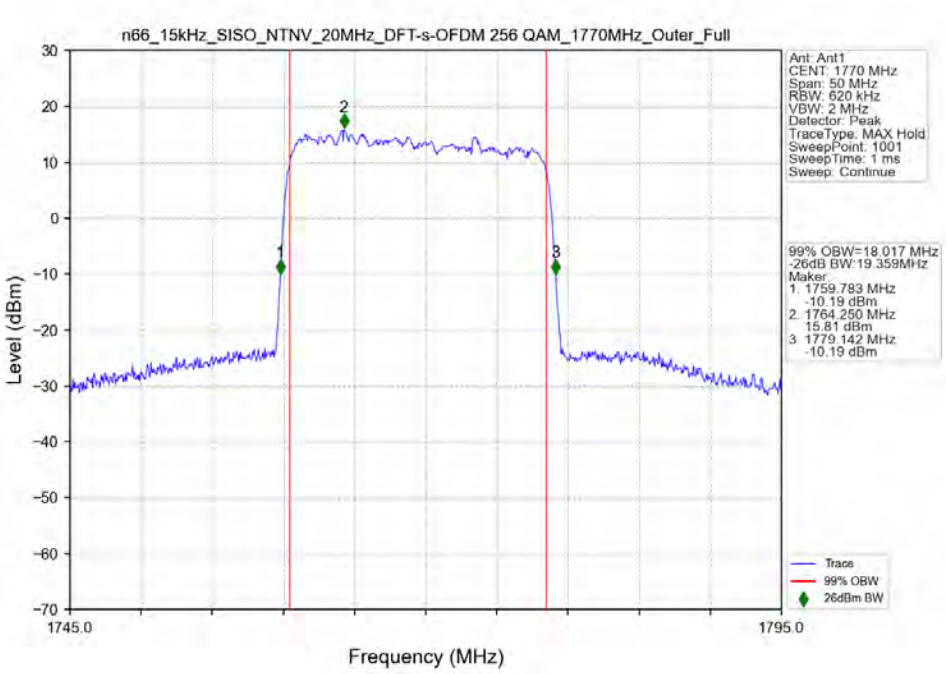
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1720MHz_Outer_Full



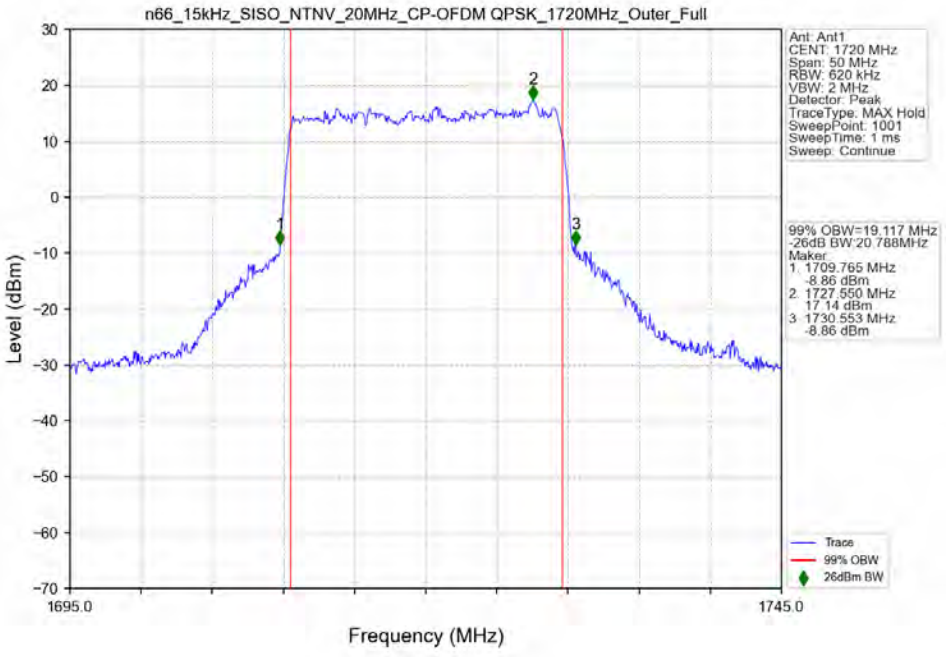

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full



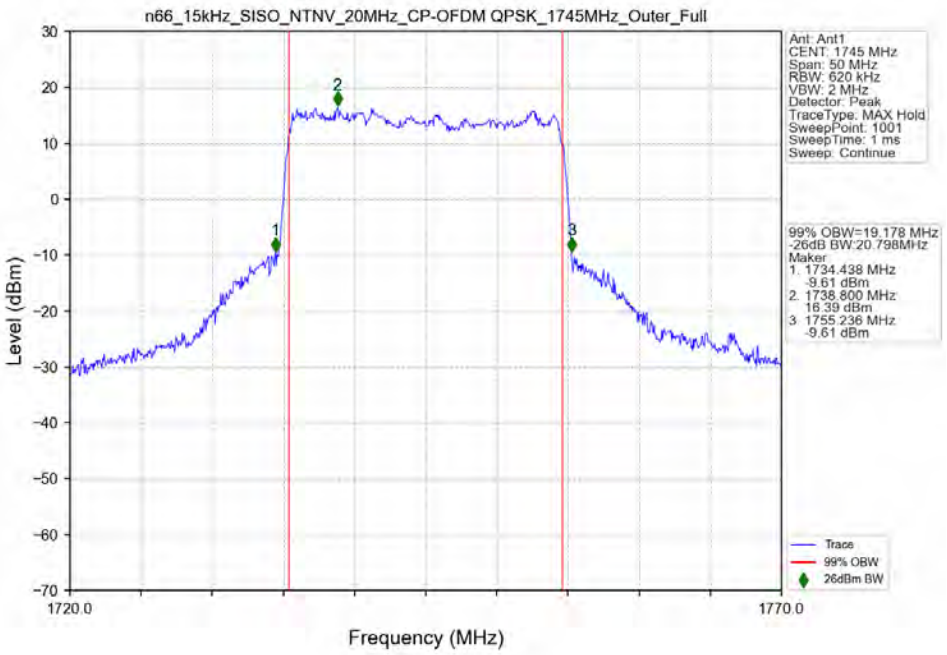
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1770MHz_Outer_Full



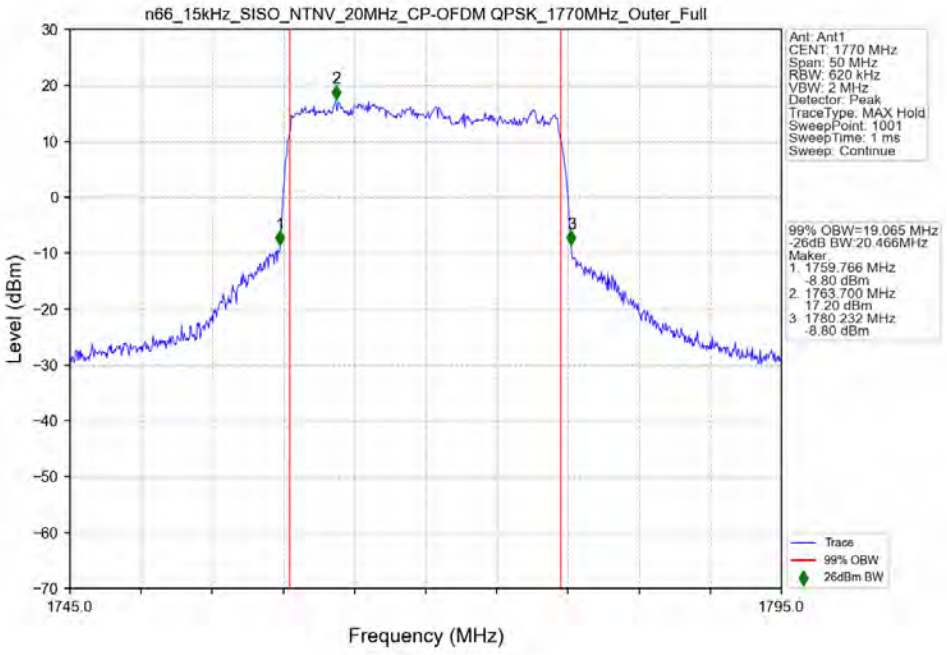

n66_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1720MHz_Outer_Full



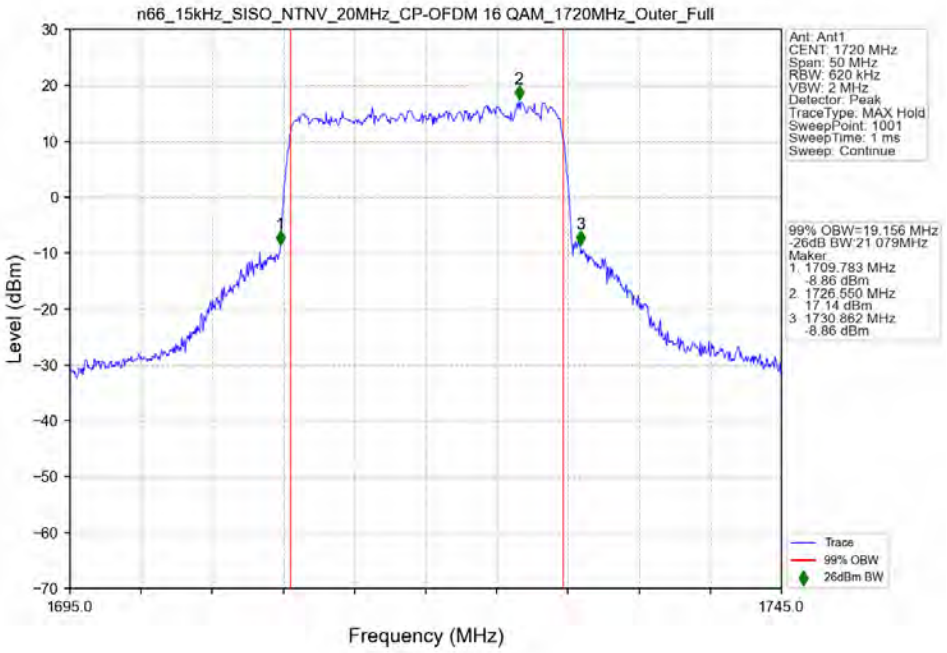
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1745MHz_Outer_Full



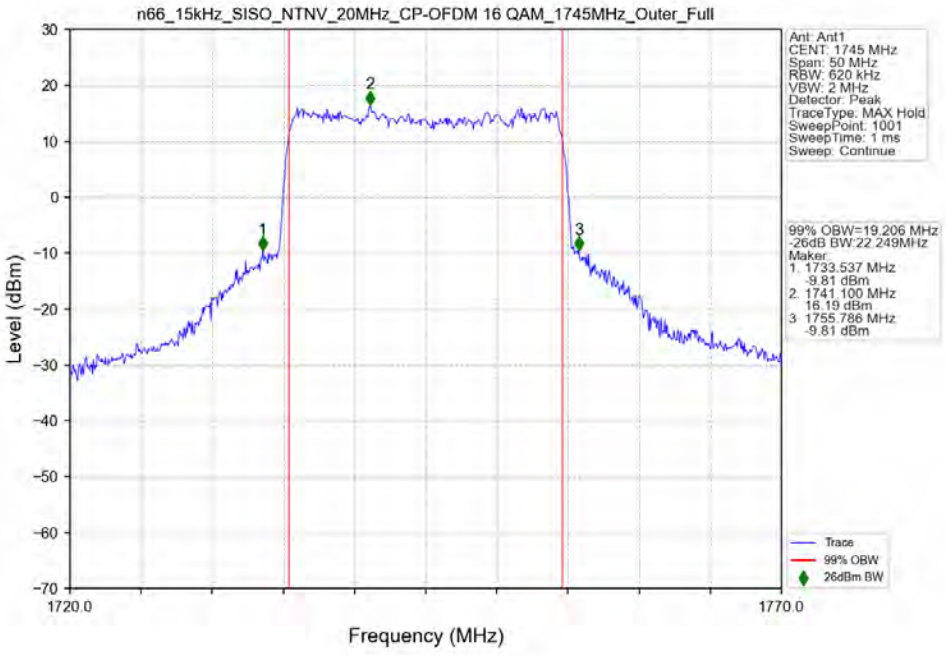

n66_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1770MHz_Outer_Full



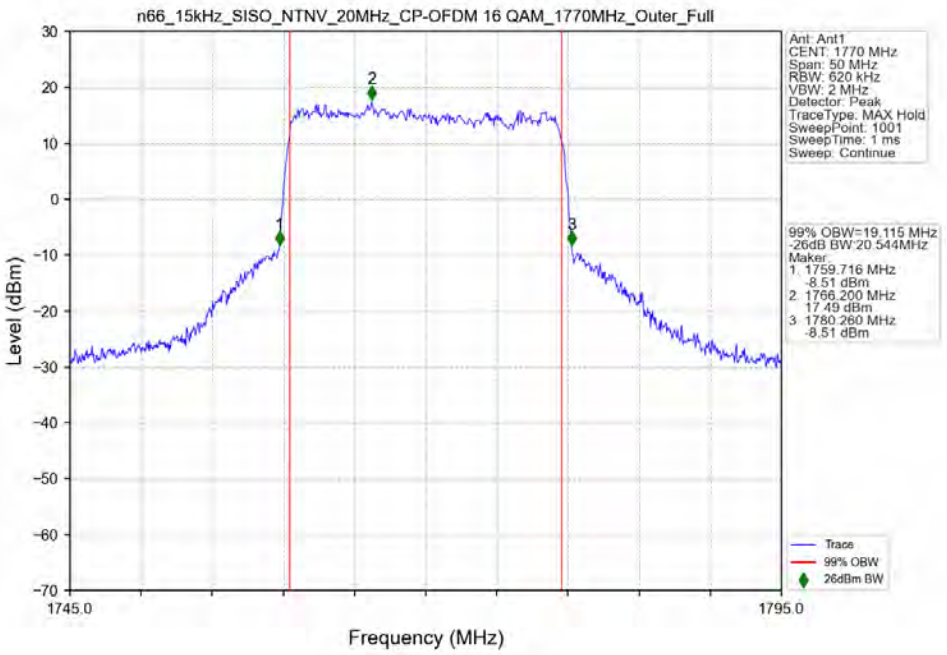
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1720MHz_Outer_Full



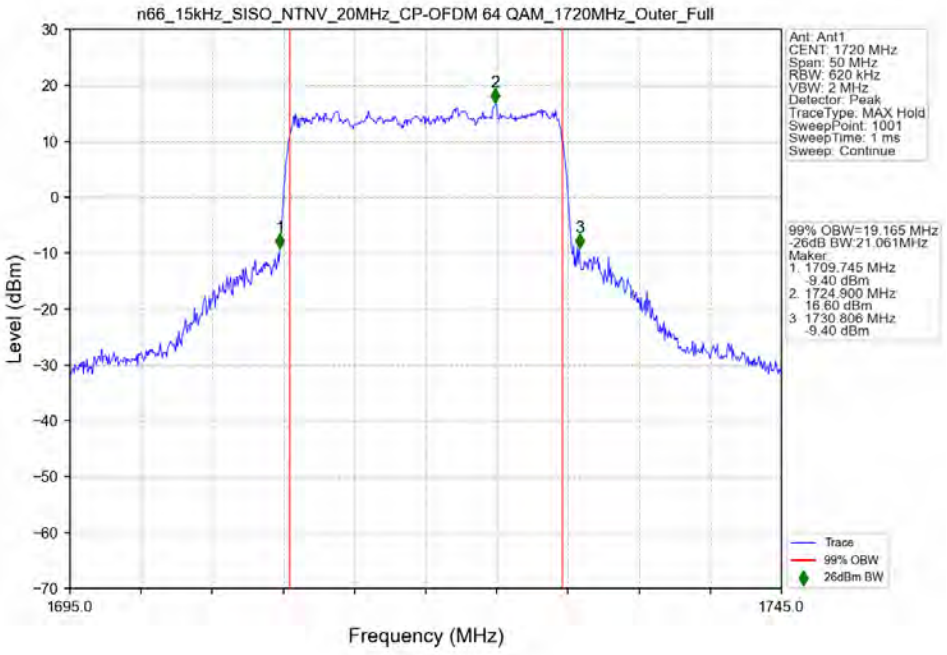

n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full



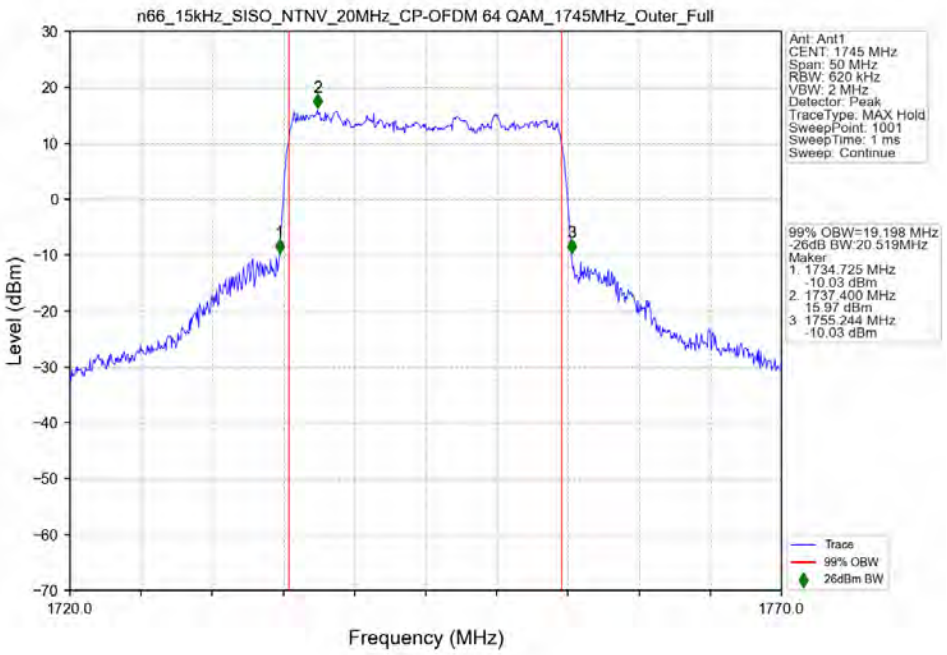
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1770MHz_Outer_Full



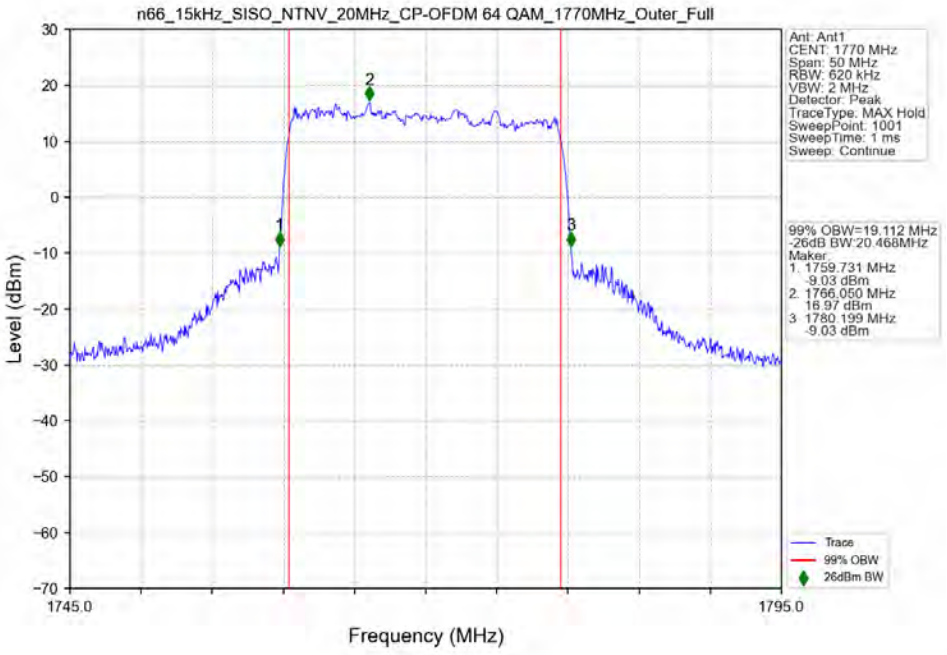

n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1720MHz_Outer_Full



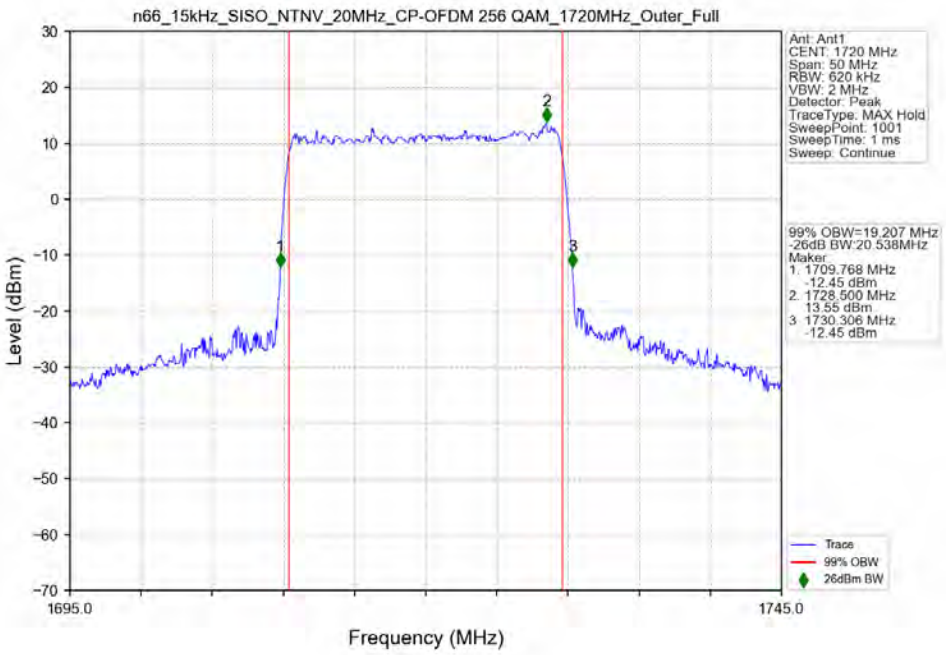
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full



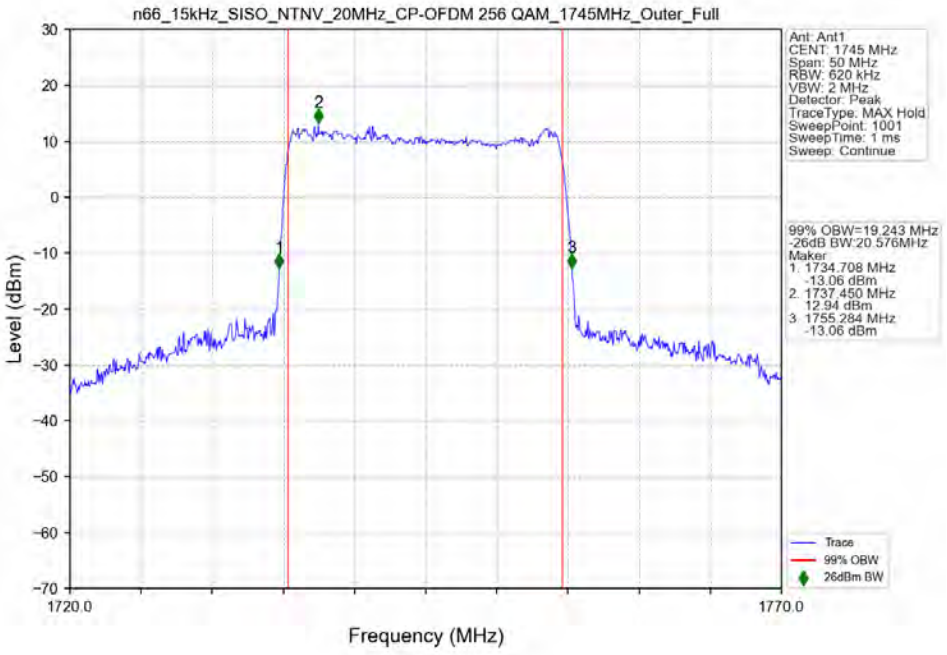

n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1770MHz_Outer_Full



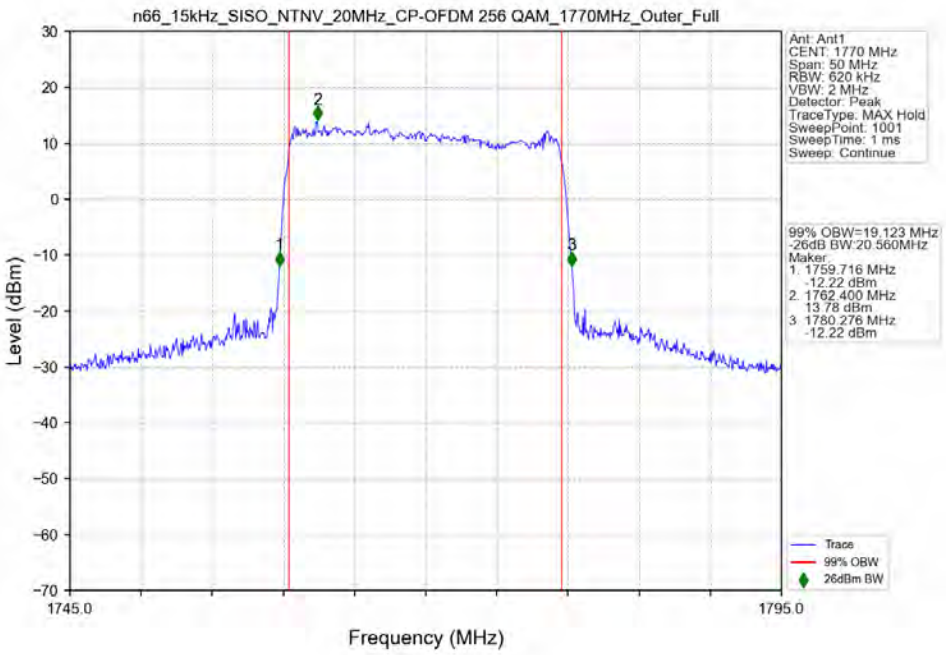
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1720MHz_Outer_Full




n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full



n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1770MHz_Outer_Full



# 4. Peak-Average Ratio

## 4.1 Test Result

### 4.1.1 15k_SISO_5MHz_NTNV

| 5G NR n66 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 | 1712.5 | Outer_Full | 5.45 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 4.46 | / | / | <=13 | Pass |
| | 1777.5 | Outer_Full | 4.14 | / | / | <=13 | Pass |
| DFT-s-OFDM QPSK | 1712.5 | Outer_Full | 5.45 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 5.67 | / | / | <=13 | Pass |
| | 1777.5 | Outer_Full | 5.36 | / | / | <=13 | Pass |
| DFT-s-OFDM 16 QAM | 1712.5 | Outer_Full | 6.45 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 6.58 | / | / | <=13 | Pass |
| | 1777.5 | Outer_Full | 6.34 | / | / | <=13 | Pass |
| DFT-s-OFDM 64 QAM | 1712.5 | Outer_Full | 6.77 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 6.71 | / | / | <=13 | Pass |
| | 1777.5 | Outer_Full | 6.67 | / | / | <=13 | Pass |
| DFT-s-OFDM 256 QAM | 1712.5 | Outer_Full | 6.85 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 6.75 | / | / | <=13 | Pass |
| | 1777.5 | Outer_Full | 6.74 | / | / | <=13 | Pass |
| CP-OFDM QPSK | 1712.5 | Outer_Full | 7.09 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 9.61 | / | / | <=13 | Pass |
| | 1777.5 | Outer_Full | 7.87 | / | / | <=13 | Pass |
| CP-OFDM 16 QAM | 1712.5 | Outer_Full | 7.25 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 7.78 | / | / | <=13 | Pass |
| | 1777.5 | Outer_Full | 7.70 | / | / | <=13 | Pass |
| CP-OFDM 64 QAM | 1712.5 | Outer_Full | 7.17 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 7.22 | / | / | <=13 | Pass |
| | 1777.5 | Outer_Full | 8.49 | / | / | <=13 | Pass |
| CP-OFDM 256 QAM | 1712.5 | Outer_Full | 8.71 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 9.28 | / | / | <=13 | Pass |
| | 1777.5 | Outer_Full | 9.24 | / | / | <=13 | Pass |

### 4.1.2 15k_SISO_10MHz_NTNV

| 5G NR n66 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 | 1715 | Outer_Full | 4.06 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 4.67 | / | / | <=13 | Pass |
| | 1775 | Outer_Full | 4.61 | / | / | <=13 | Pass |
| DFT-s-OFDM QPSK | 1715 | Outer_Full | 5.49 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 5.51 | / | / | <=13 | Pass |
| | 1775 | Outer_Full | 5.45 | / | / | <=13 | Pass |
| DFT-s-OFDM 16 QAM | 1715 | Outer_Full | 6.52 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 6.51 | / | / | <=13 | Pass |
| | 1775 | Outer_Full | 6.44 | / | / | <=13 | Pass |
| DFT-s-OFDM 64 QAM | 1715 | Outer_Full | 6.69 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 6.75 | / | / | <=13 | Pass |
| | 1775 | Outer_Full | 6.65 | / | / | <=13 | Pass |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| DFT-s-OFDM 256 QAM | 1715 | Outer_Full | 7.53 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 6.92 | / | / | <=13 | Pass |
| | 1775 | Outer_Full | 6.92 | / | / | <=13 | Pass |
| CP-OFDM QPSK | 1715 | Outer_Full | 9.47 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 7.67 | / | / | <=13 | Pass |
| | 1775 | Outer_Full | 7.60 | / | / | <=13 | Pass |
| CP-OFDM 16 QAM | 1715 | Outer_Full | 7.51 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 7.80 | / | / | <=13 | Pass |
| | 1775 | Outer_Full | 7.73 | / | / | <=13 | Pass |
| CP-OFDM 64 QAM | 1715 | Outer_Full | 7.24 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 7.28 | / | / | <=13 | Pass |
| | 1775 | Outer_Full | 7.69 | / | / | <=13 | Pass |
| CP-OFDM 256 QAM | 1715 | Outer_Full | 8.88 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 8.89 | / | / | <=13 | Pass |
| | 1775 | Outer_Full | 8.94 | / | / | <=13 | Pass |

### 4.1.3 15k_SISO_15MHz_NTNV

| 5G NR n66 SCS=15kHz SISO 15MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 1717.5 | Outer_Full | 4.06 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 4.53 | / | / | <=13 | Pass |
| | 1772.5 | Outer_Full | 4.37 | / | / | <=13 | Pass |
| DFT-s-OFDM QPSK | 1717.5 | Outer_Full | 5.57 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 5.70 | / | / | <=13 | Pass |
| | 1772.5 | Outer_Full | 5.48 | / | / | <=13 | Pass |
| DFT-s-OFDM 16 QAM | 1717.5 | Outer_Full | 6.51 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 6.58 | / | / | <=13 | Pass |
| | 1772.5 | Outer_Full | 6.40 | / | / | <=13 | Pass |
| DFT-s-OFDM 64 QAM | 1717.5 | Outer_Full | 6.78 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 6.77 | / | / | <=13 | Pass |
| | 1772.5 | Outer_Full | 6.68 | / | / | <=13 | Pass |
| DFT-s-OFDM 256 QAM | 1717.5 | Outer_Full | 6.93 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 7.03 | / | / | <=13 | Pass |
| | 1772.5 | Outer_Full | 7.07 | / | / | <=13 | Pass |
| CP-OFDM QPSK | 1717.5 | Outer_Full | 7.16 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 7.48 | / | / | <=13 | Pass |
| | 1772.5 | Outer_Full | 7.62 | / | / | <=13 | Pass |
| CP-OFDM 16 QAM | 1717.5 | Outer_Full | 7.16 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 7.49 | / | / | <=13 | Pass |
| | 1772.5 | Outer_Full | 7.68 | / | / | <=13 | Pass |
| CP-OFDM 64 QAM | 1717.5 | Outer_Full | 7.27 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 8.07 | / | / | <=13 | Pass |
| | 1772.5 | Outer_Full | 7.71 | / | / | <=13 | Pass |
| CP-OFDM 256 QAM | 1717.5 | Outer_Full | 8.78 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 8.81 | / | / | <=13 | Pass |
| | 1772.5 | Outer_Full | 8.79 | / | / | <=13 | Pass |

### 4.1.4 15k_SISO_20MHz_NTNV

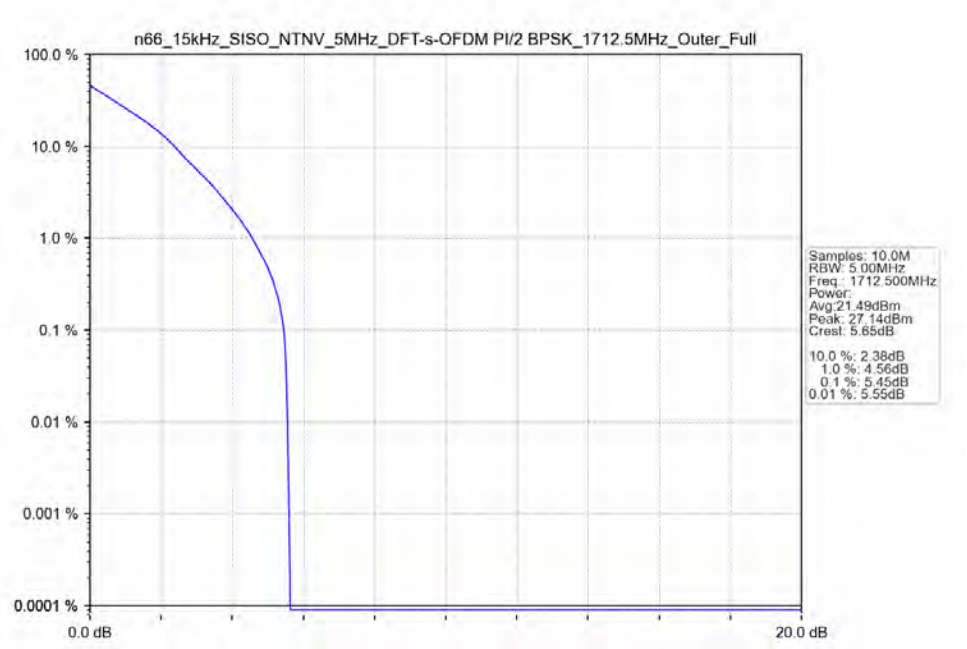
| 5G NR n66 SCS=15kHz SISO 20MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 1720 | Outer_Full | 4.50 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 4.68 | / | / | <=13 | Pass |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1770 | Outer_Full | 4.38 | / | / | <=13 | Pass |
| DFT-s-OFDM QPSK | 1720 | Outer_Full | 5.51 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 5.72 | / | / | <=13 | Pass |
| | 1770 | Outer_Full | 5.38 | / | / | <=13 | Pass |
| DFT-s-OFDM 16 QAM | 1720 | Outer_Full | 6.45 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 6.56 | / | / | <=13 | Pass |
| | 1770 | Outer_Full | 6.37 | / | / | <=13 | Pass |
| DFT-s-OFDM 64 QAM | 1720 | Outer_Full | 6.77 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 6.71 | / | / | <=13 | Pass |
| | 1770 | Outer_Full | 6.57 | / | / | <=13 | Pass |
| DFT-s-OFDM 256 QAM | 1720 | Outer_Full | 6.96 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 7.03 | / | / | <=13 | Pass |
| | 1770 | Outer_Full | 7.01 | / | / | <=13 | Pass |
| CP-OFDM QPSK | 1720 | Outer_Full | 7.31 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 7.38 | / | / | <=13 | Pass |
| | 1770 | Outer_Full | 7.61 | / | / | <=13 | Pass |
| CP-OFDM 16 QAM | 1720 | Outer_Full | 7.13 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 7.43 | / | / | <=13 | Pass |
| | 1770 | Outer_Full | 7.72 | / | / | <=13 | Pass |
| CP-OFDM 64 QAM | 1720 | Outer_Full | 7.61 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 7.95 | / | / | <=13 | Pass |
| | 1770 | Outer_Full | 7.69 | / | / | <=13 | Pass |
| CP-OFDM 256 QAM | 1720 | Outer_Full | 8.76 | / | / | <=13 | Pass |
| | 1745 | Outer_Full | 8.76 | / | / | <=13 | Pass |
| | 1770 | Outer_Full | 8.71 | / | / | <=13 | Pass |

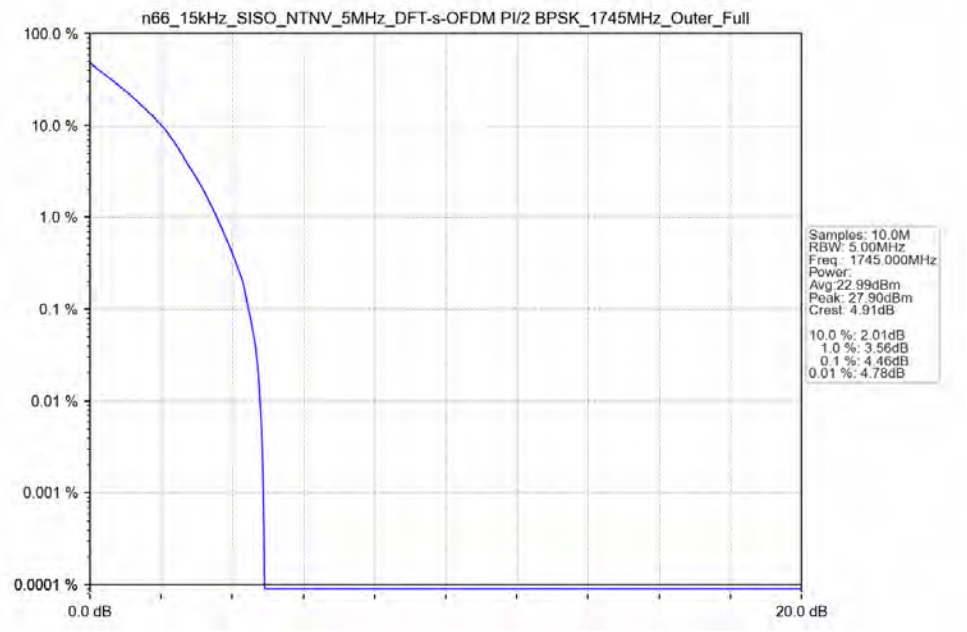
## 4.2 Test Graph

### 4.2.1 15k_SISO_5MHz_NTNV

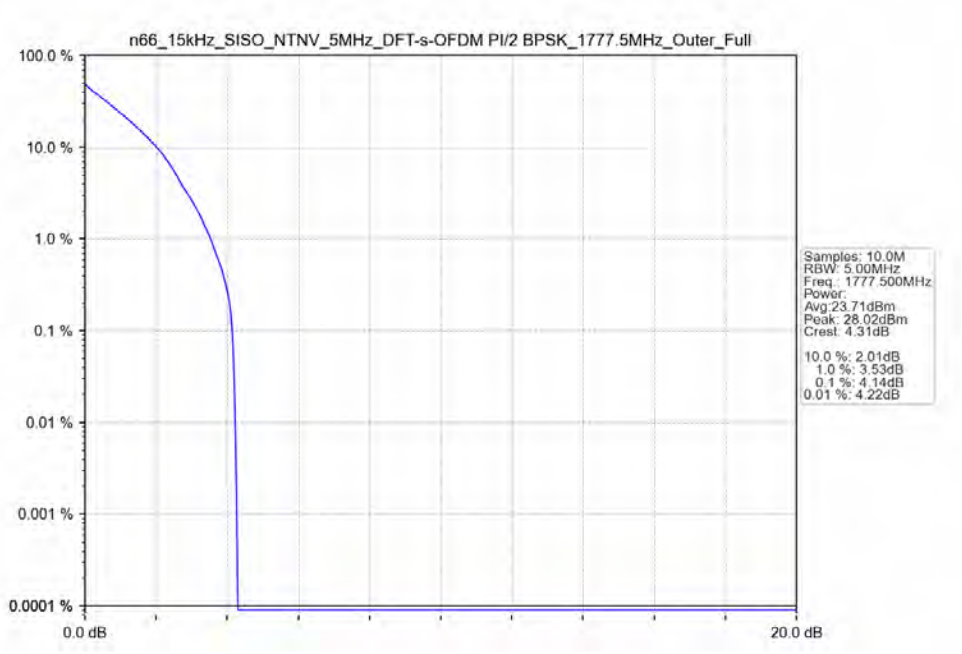
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1712.5MHz_Outer_Full



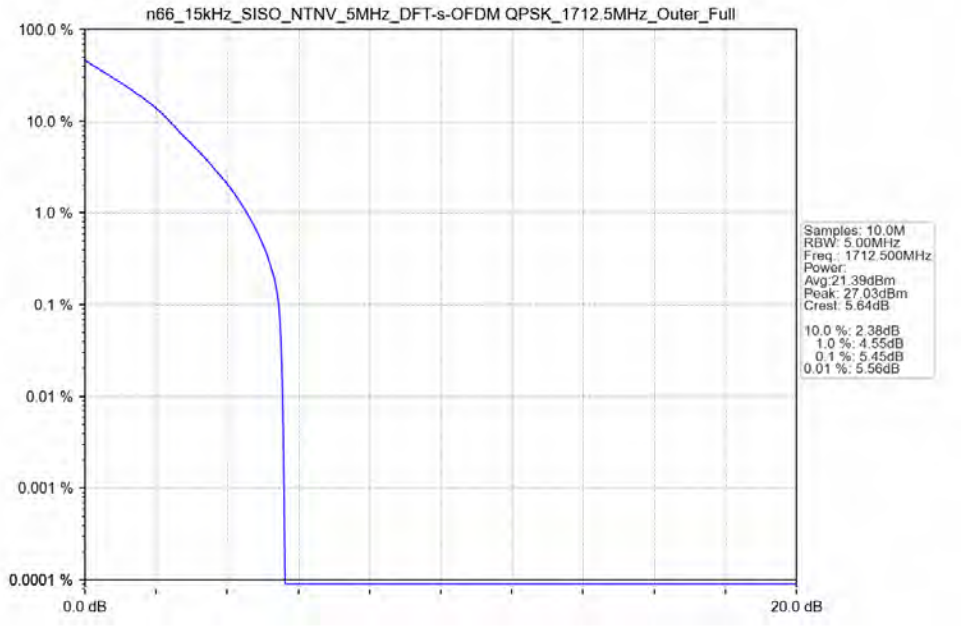

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full



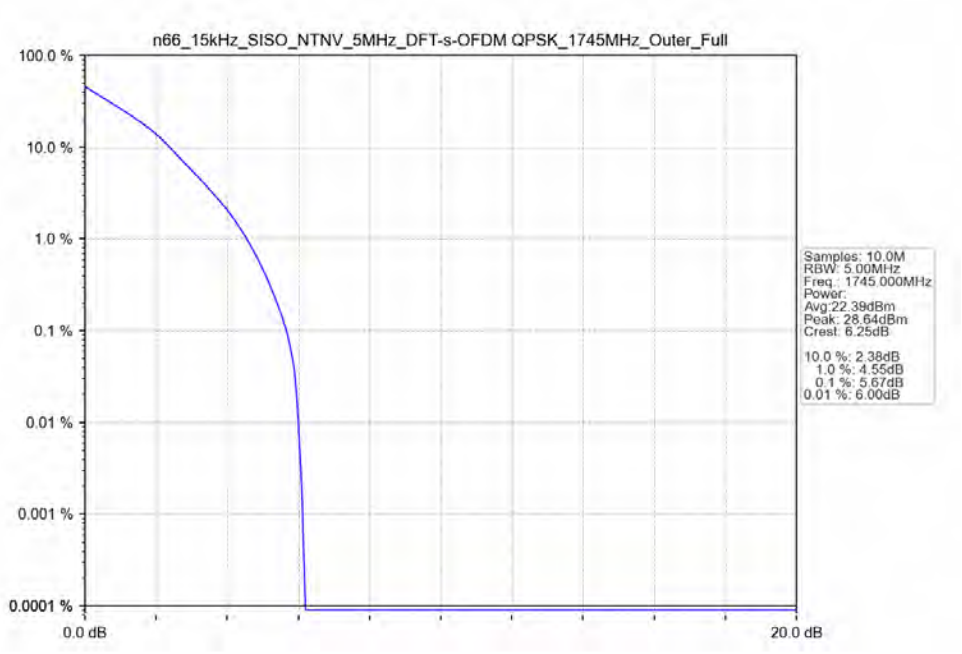
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_1777.5MHz_Outer_Full



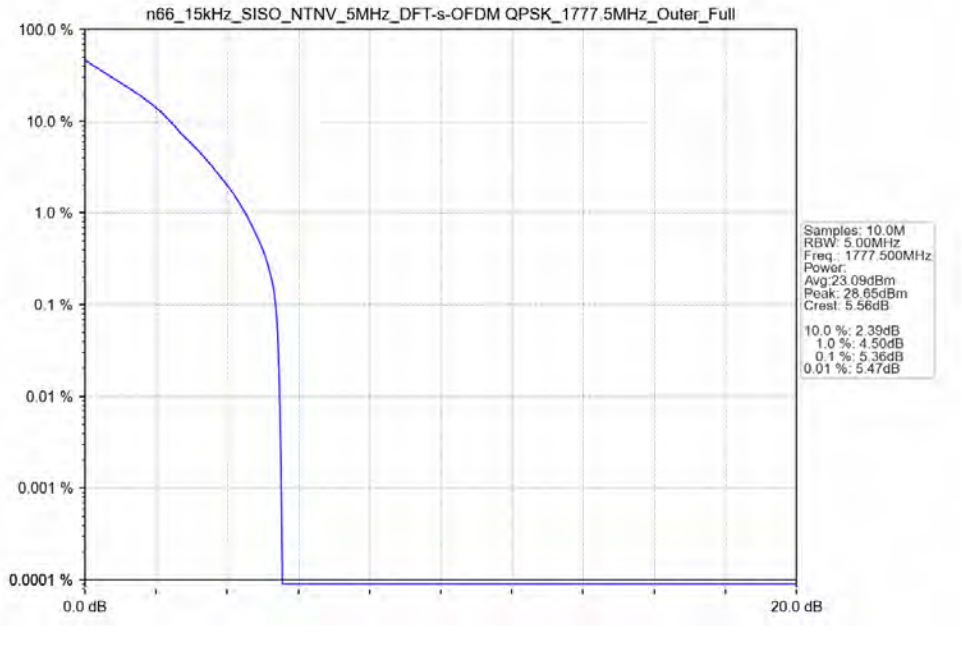

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1712.5MHz_Outer_Full



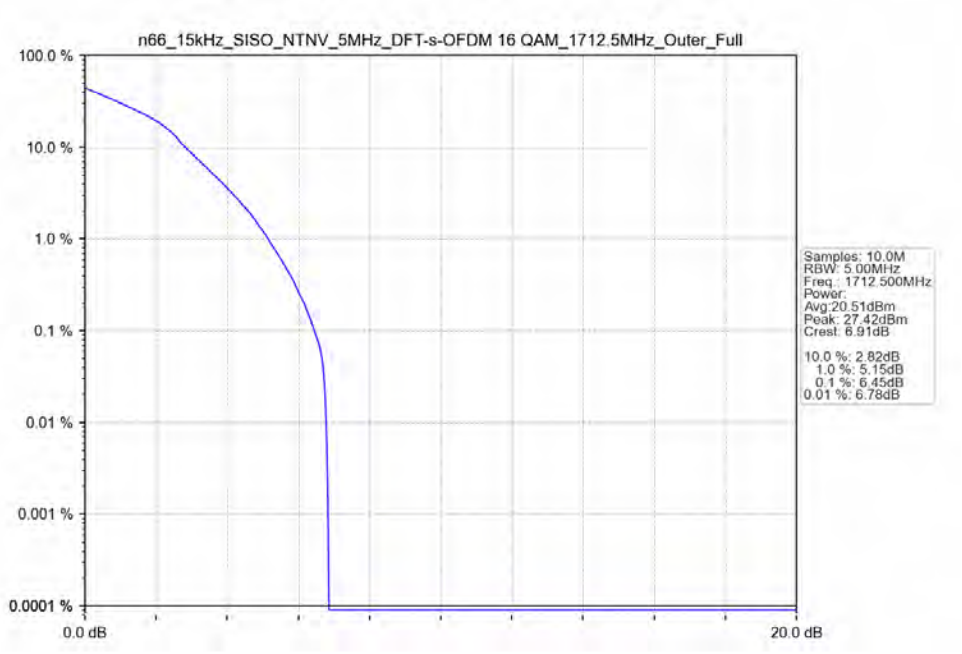
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



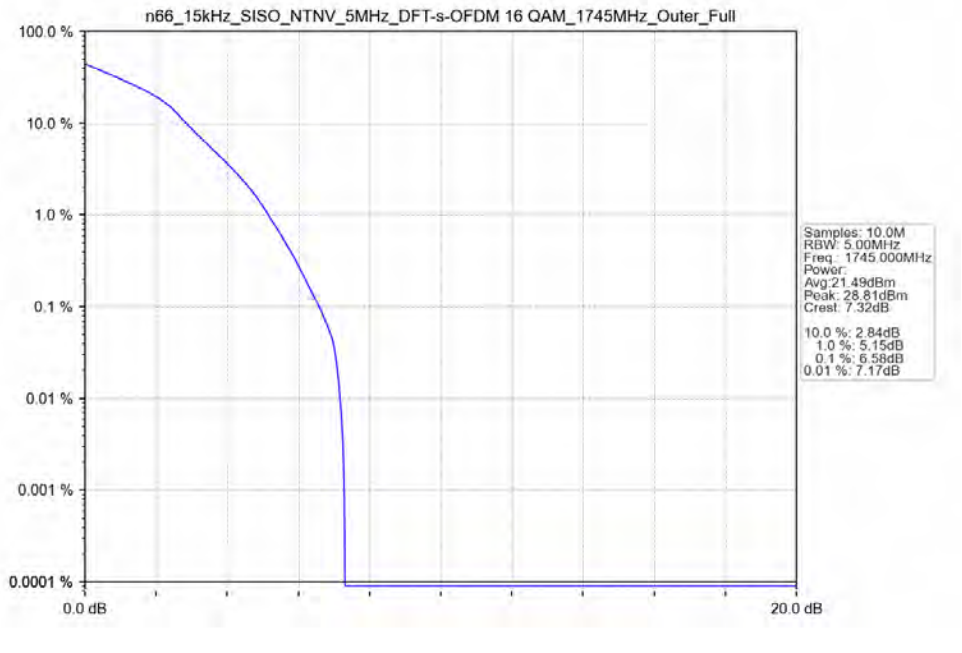

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_1777.5MHz_Outer_Full



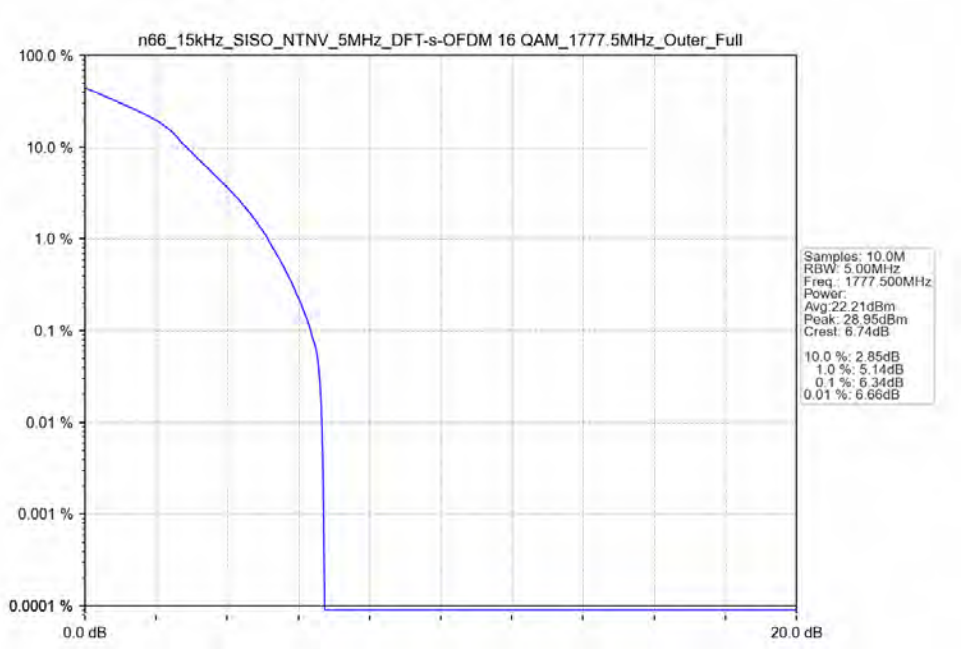
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1712.5MHz_Outer_Full



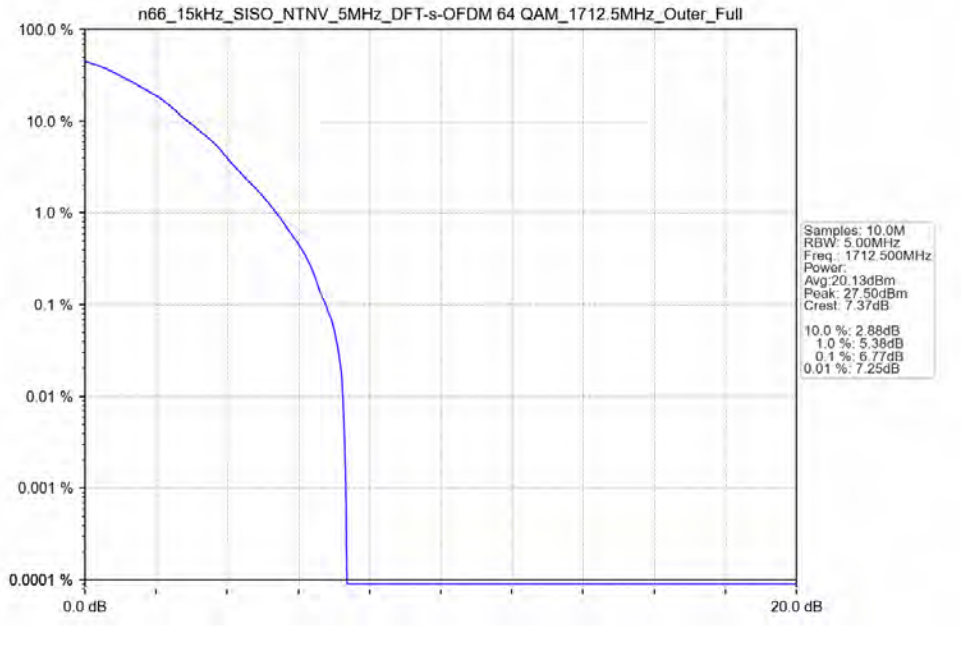

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full



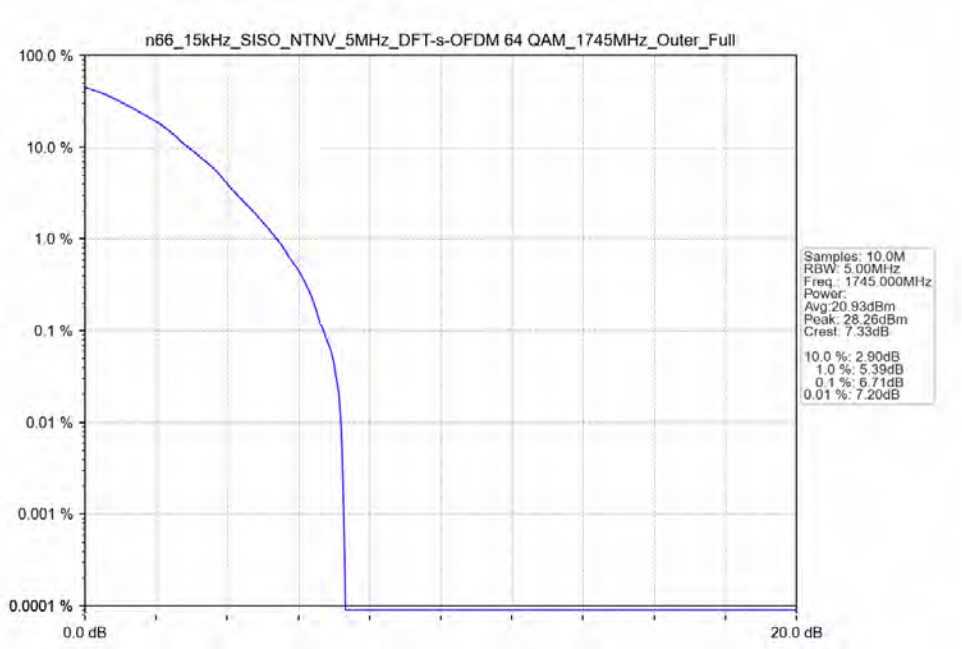
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_1777.5MHz_Outer_Full



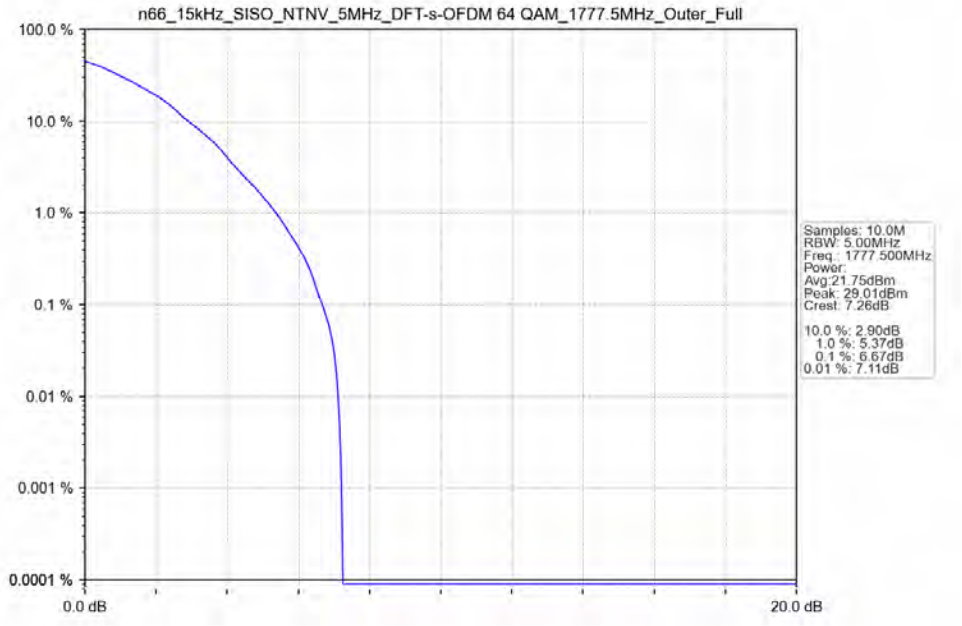

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1712.5MHz_Outer_Full



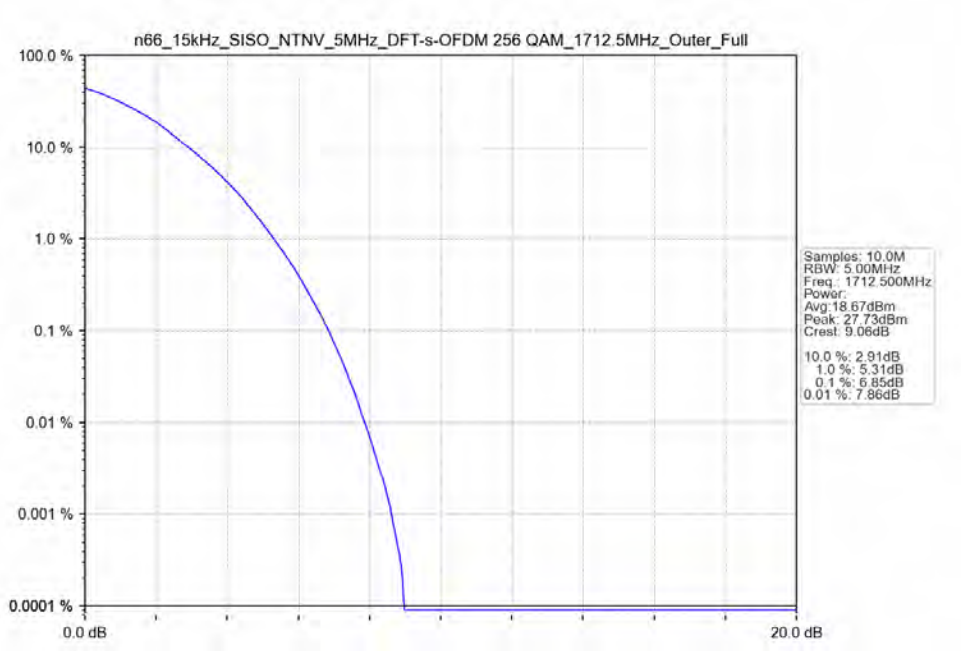
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full



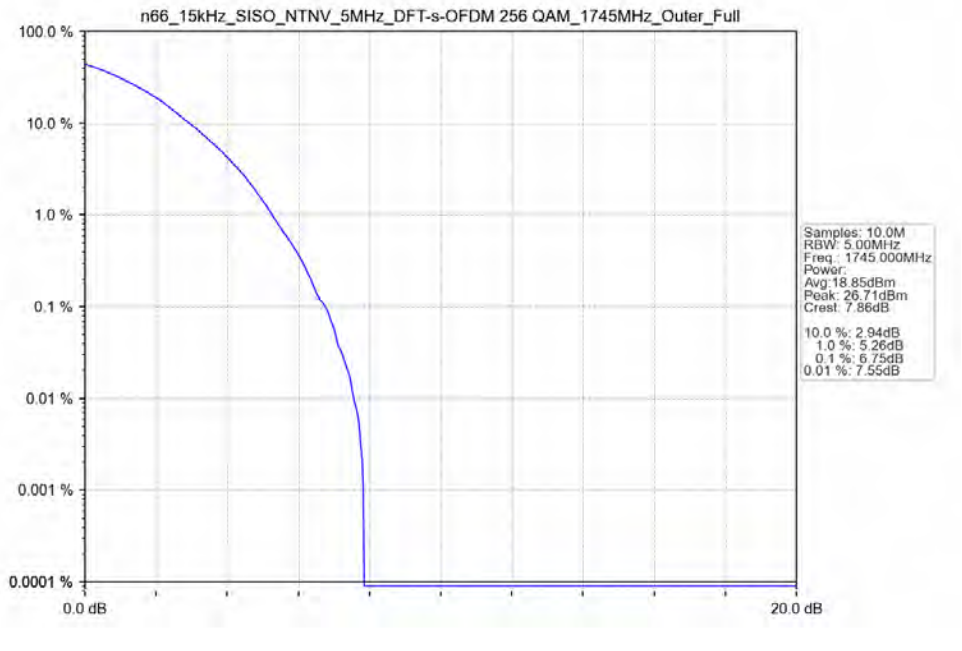

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_1777.5MHz_Outer_Full



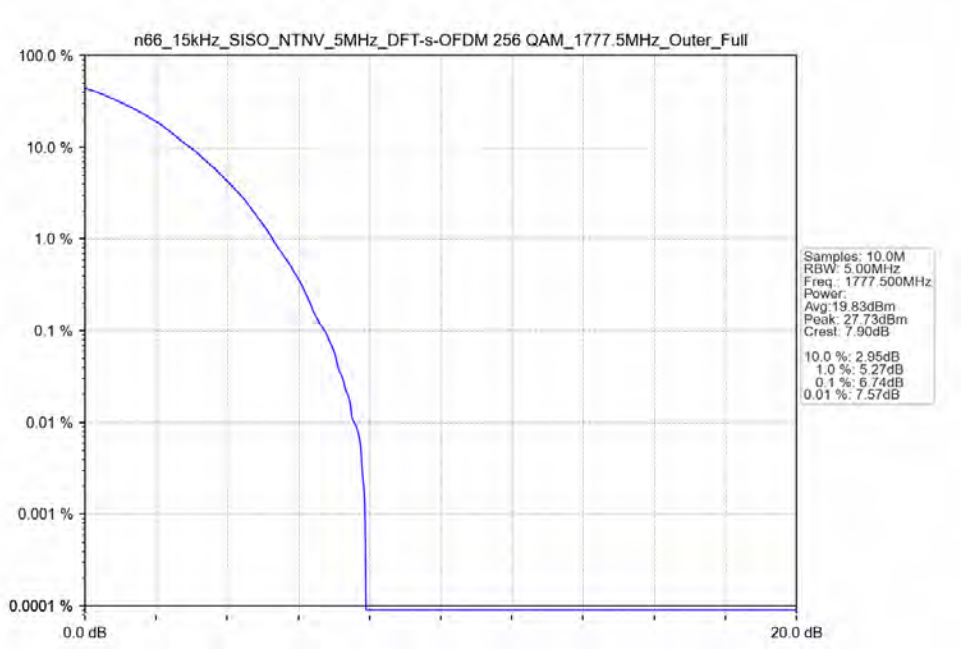
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1712.5MHz_Outer_Full



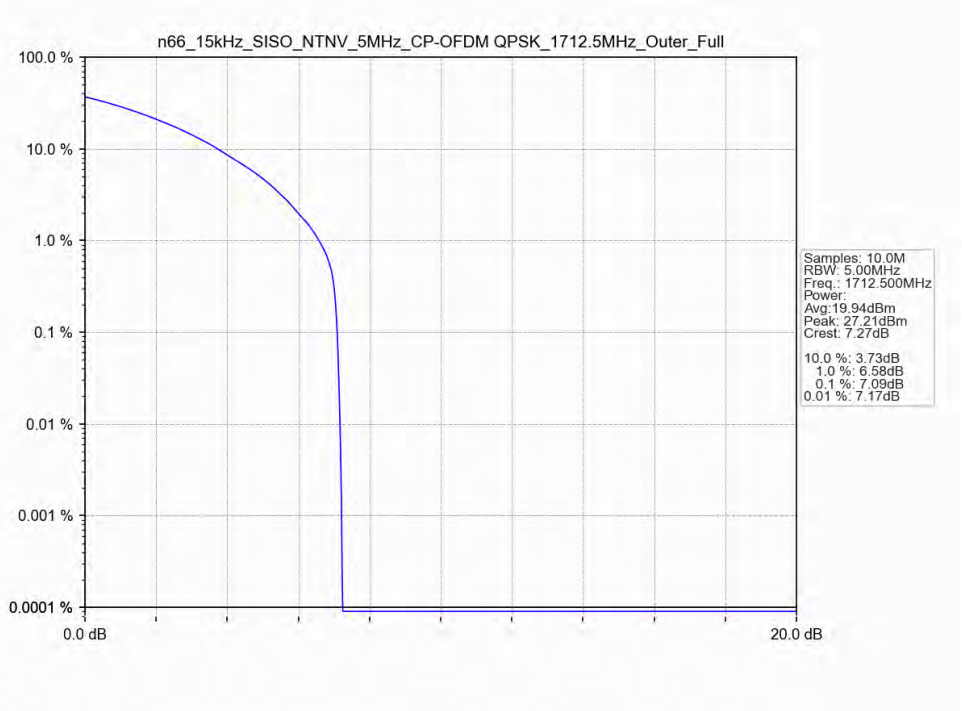

n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full



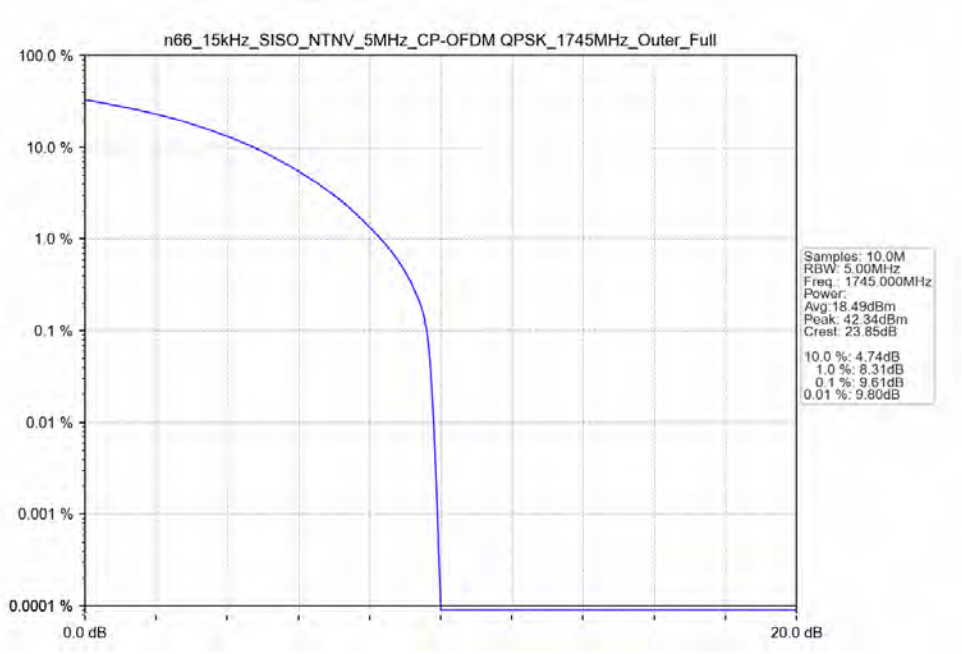
n66_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM_1777.5MHz_Outer_Full



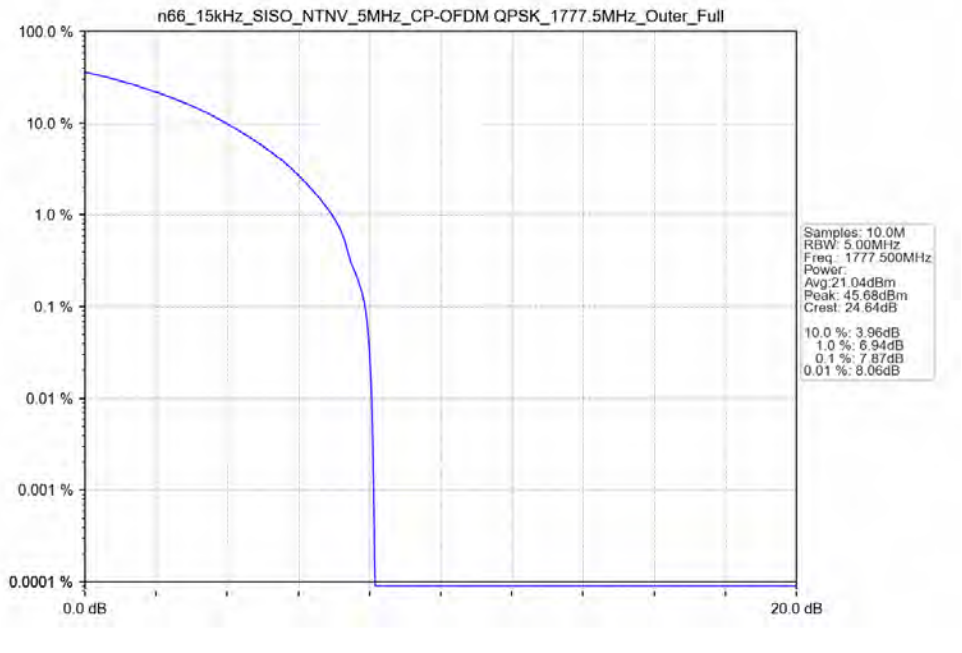

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1712.5MHz_Outer_Full



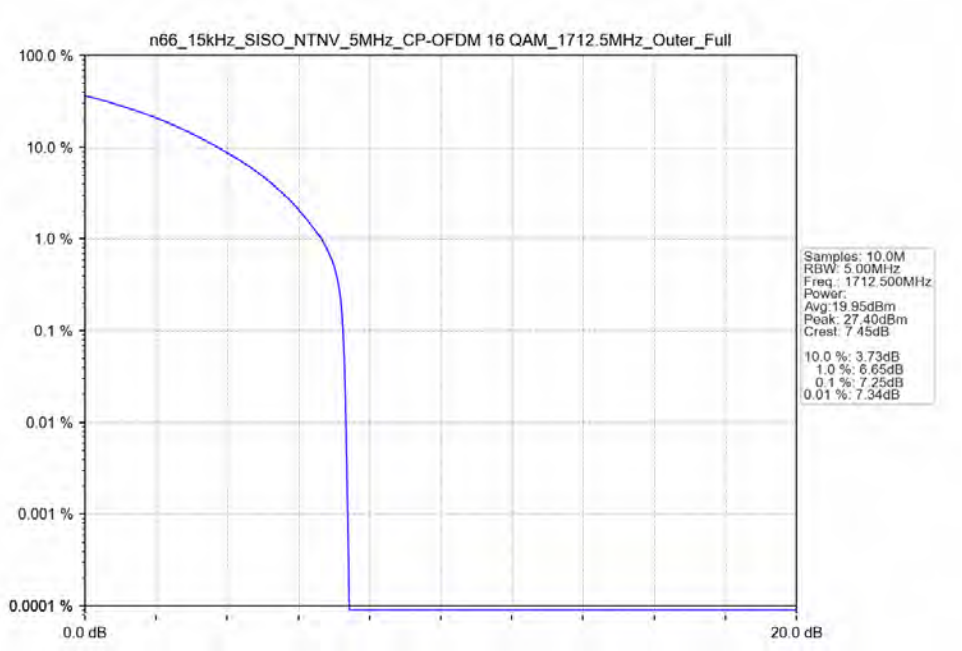
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1745MHz_Outer_Full



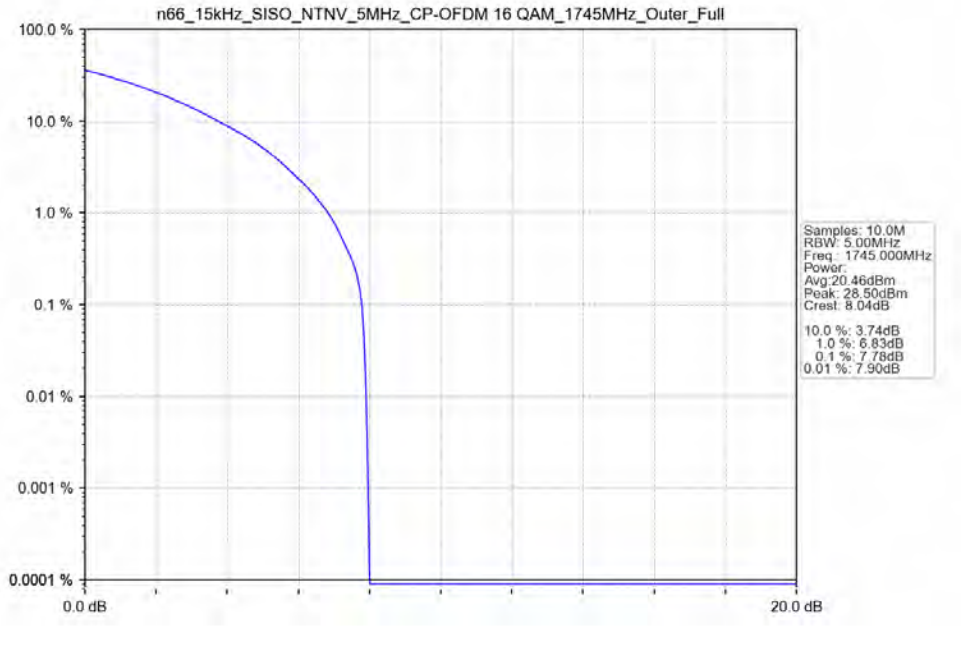

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_1777.5MHz_Outer_Full



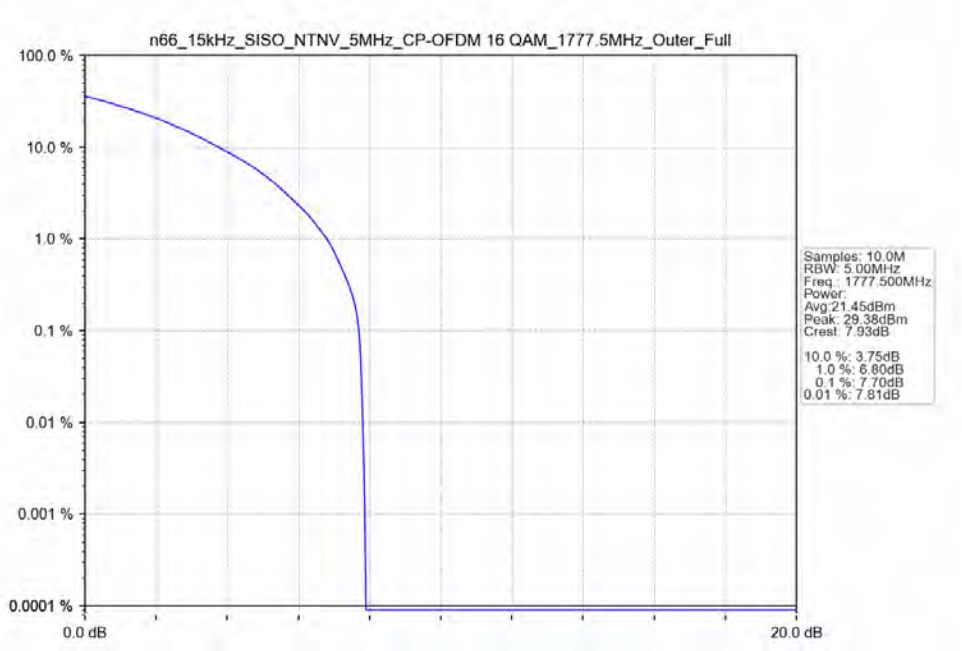
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1712.5MHz_Outer_Full



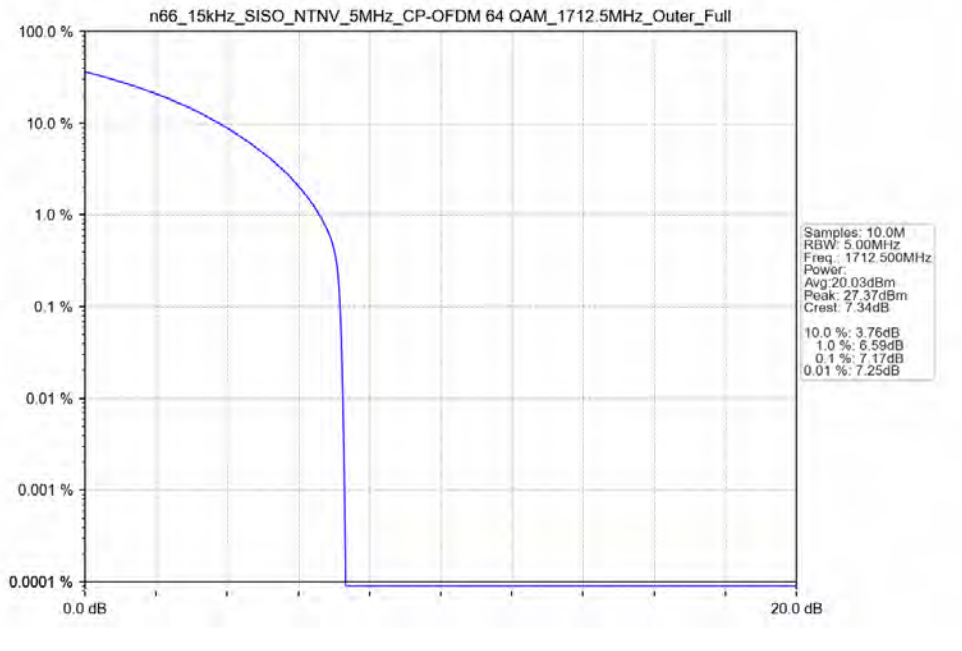

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full



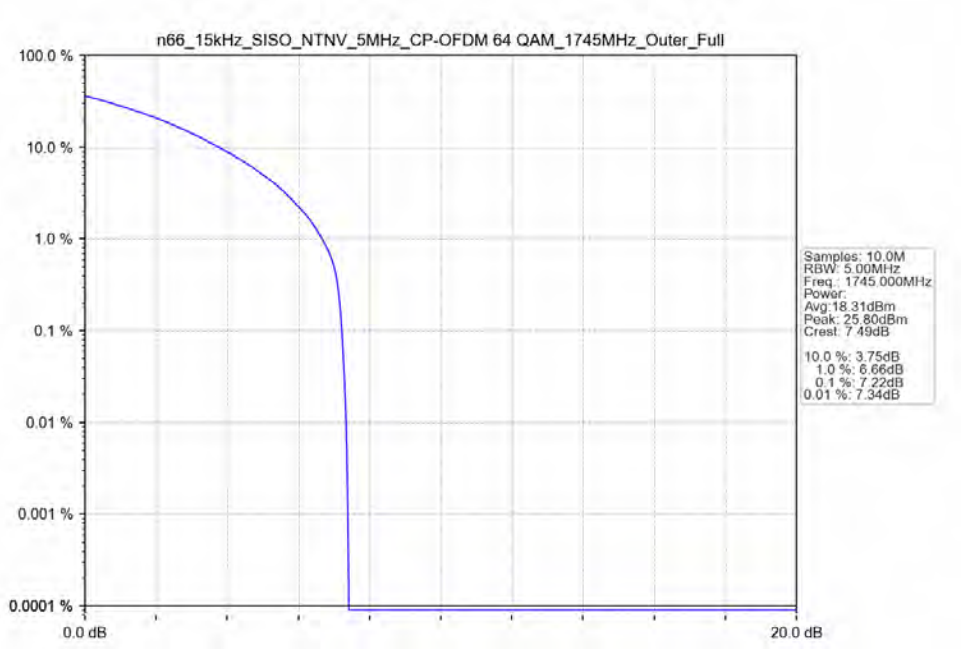
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_1777.5MHz_Outer_Full



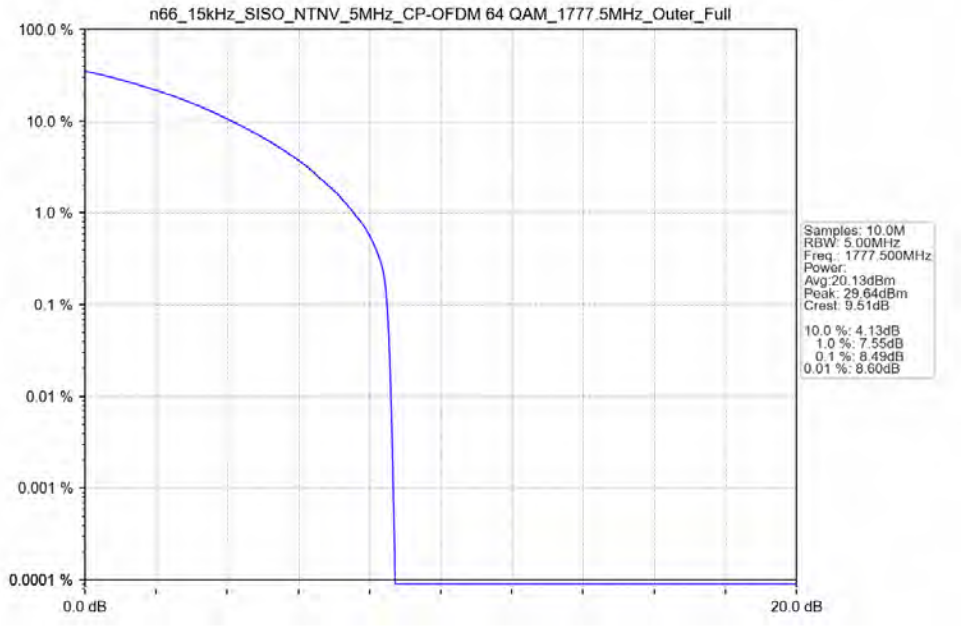

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1712.5MHz_Outer_Full



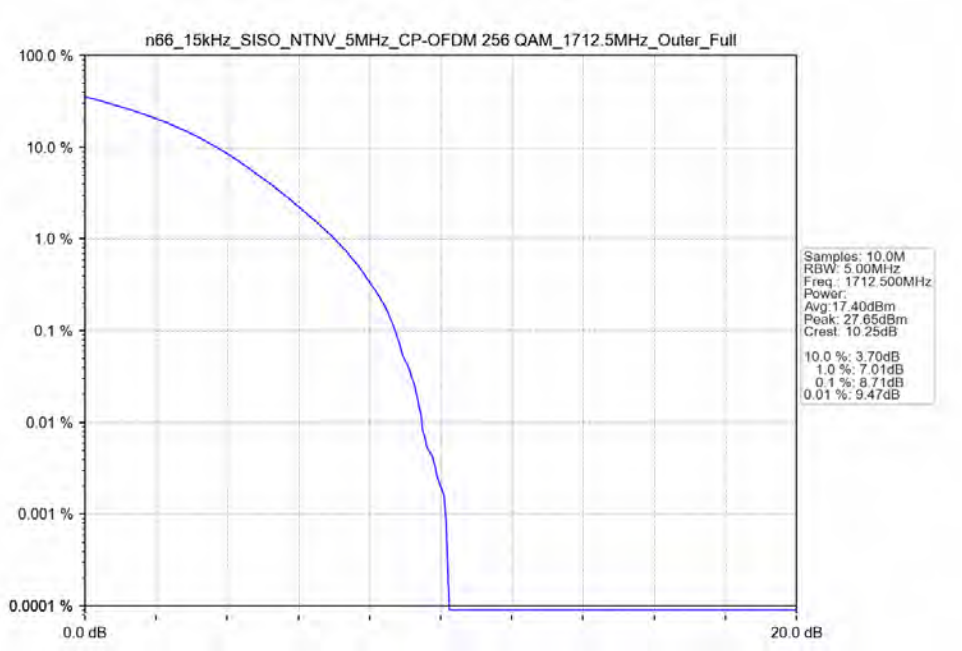
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full



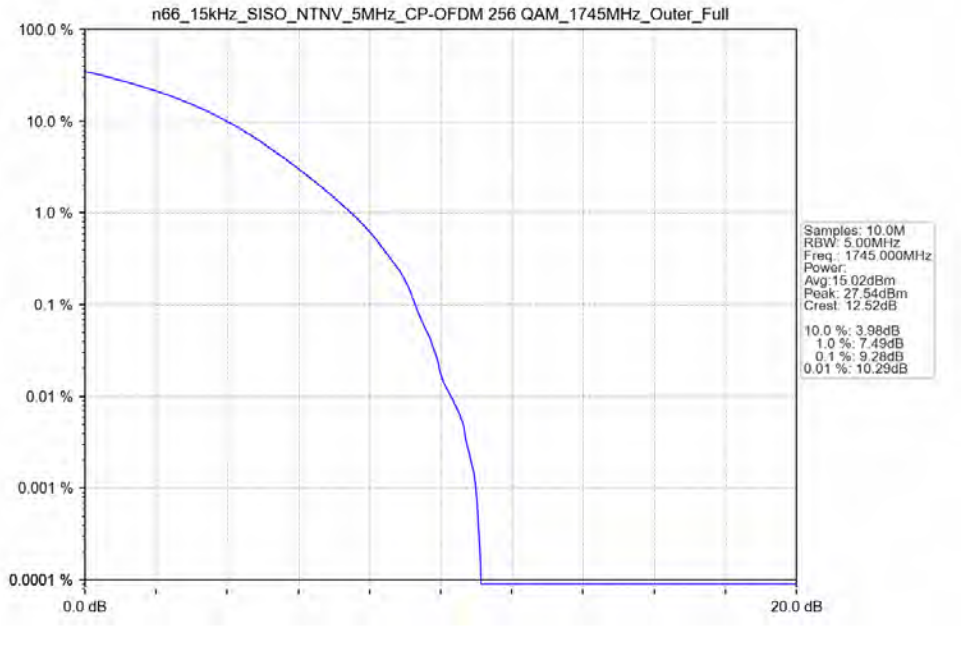

n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM_1777.5MHz_Outer_Full



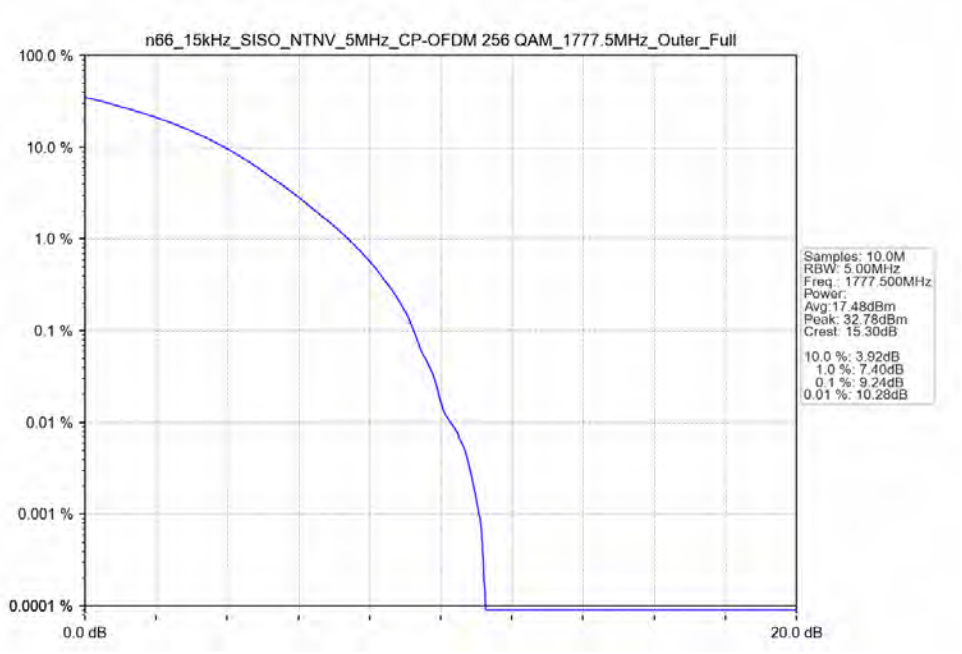
n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1712.5MHz_Outer_Full




n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full

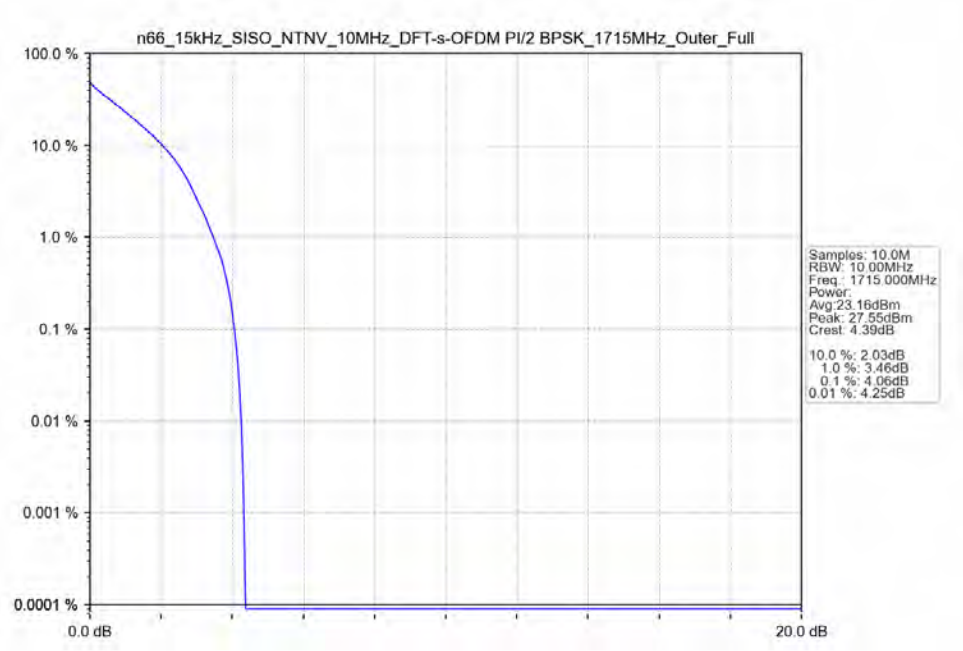


n66_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_1777.5MHz_Outer_Full

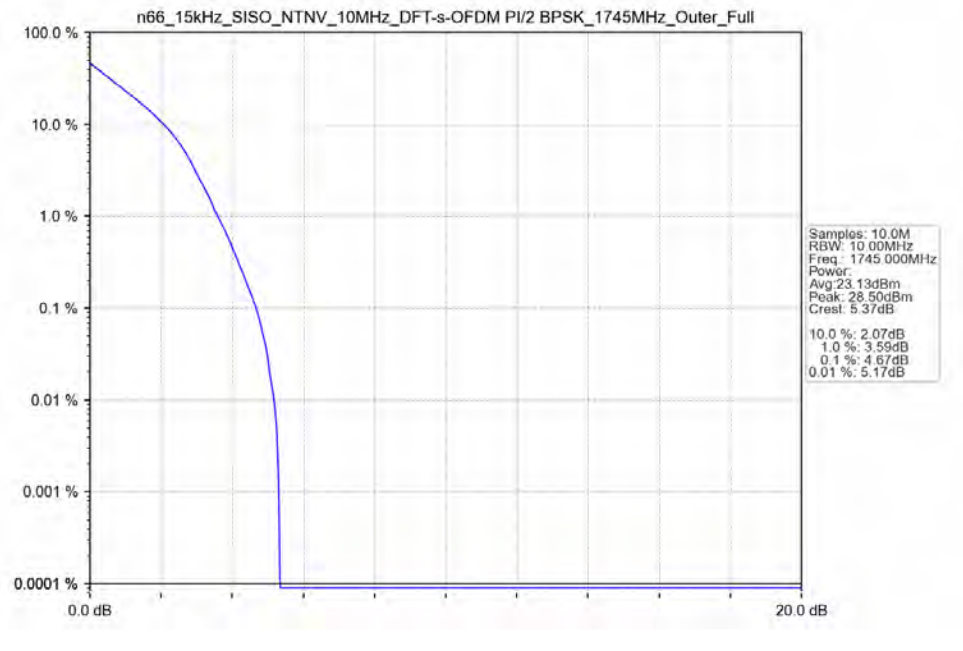


## 4.2.2 15k_SISO_10MHz_NTNV

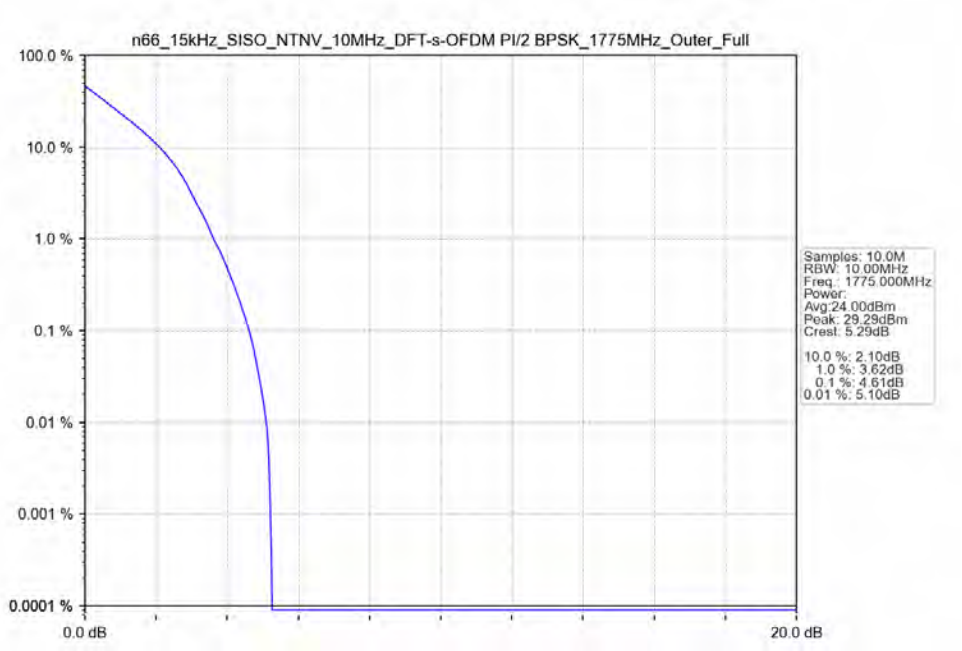
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1715MHz_Outer_Full



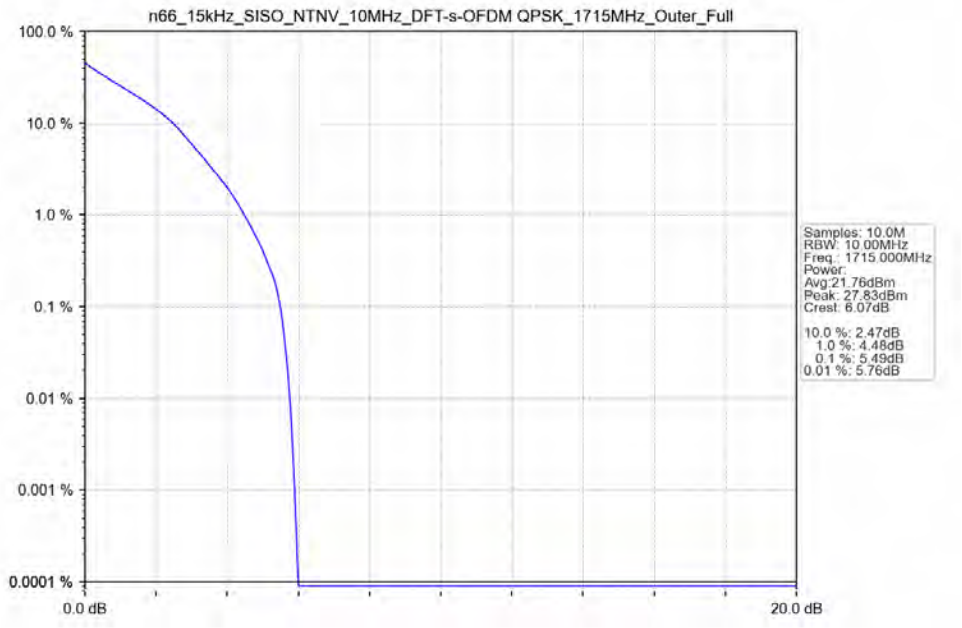

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full



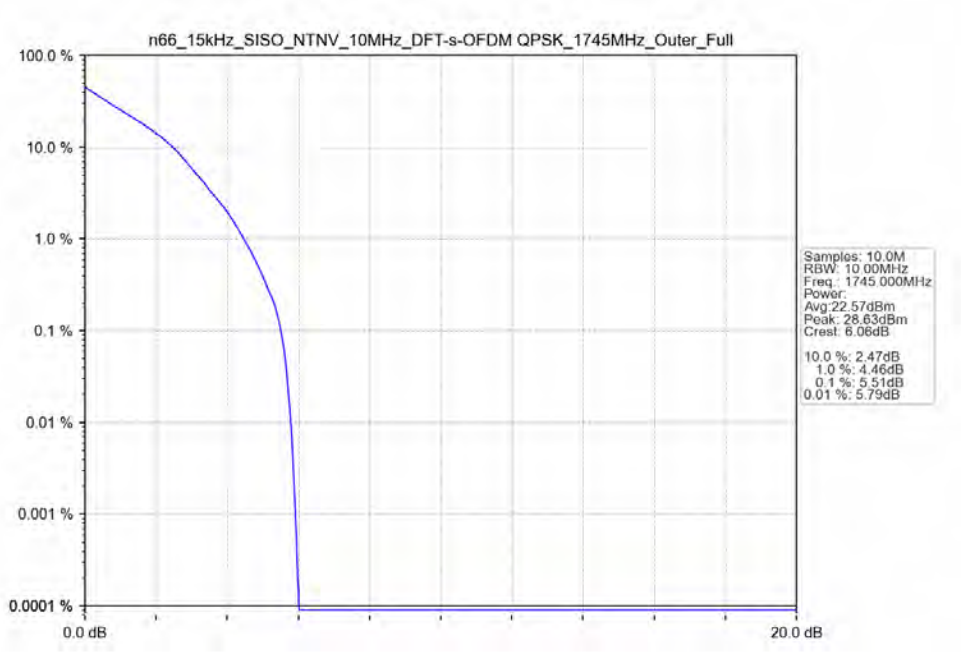
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_1775MHz_Outer_Full



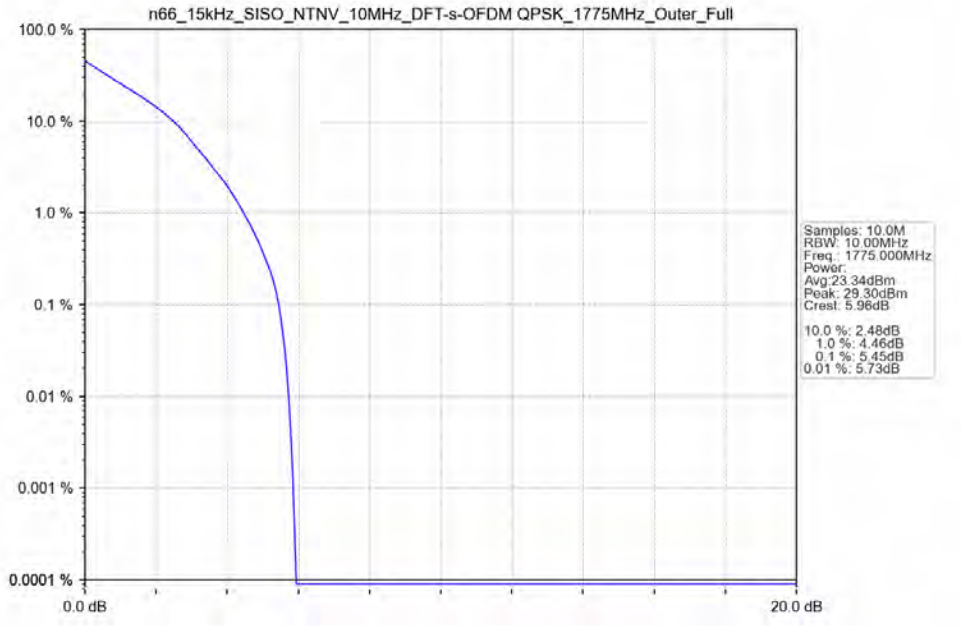

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1715MHz_Outer_Full



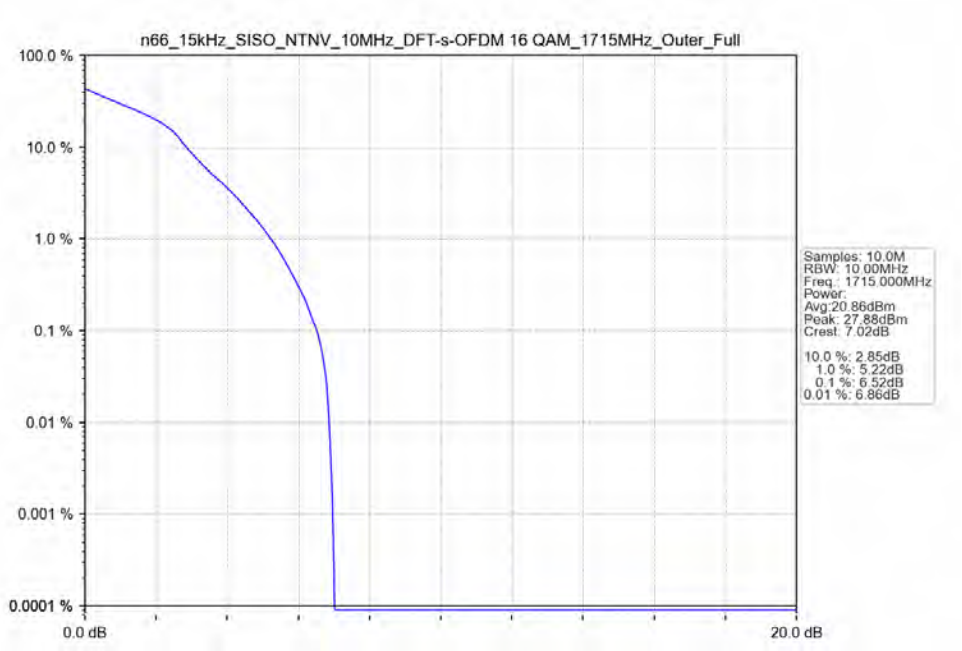
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



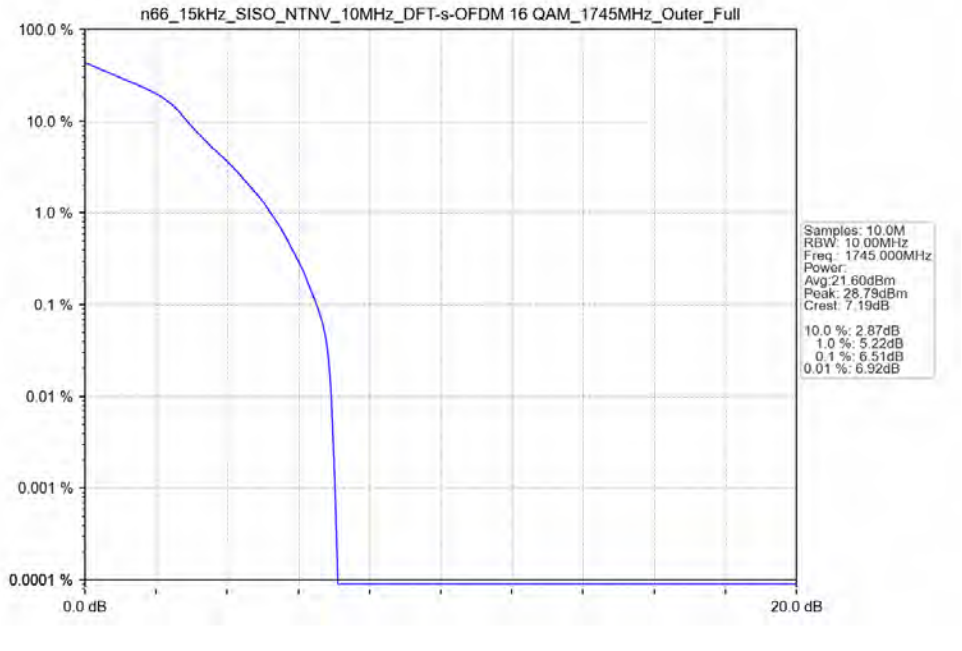

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_1775MHz_Outer_Full



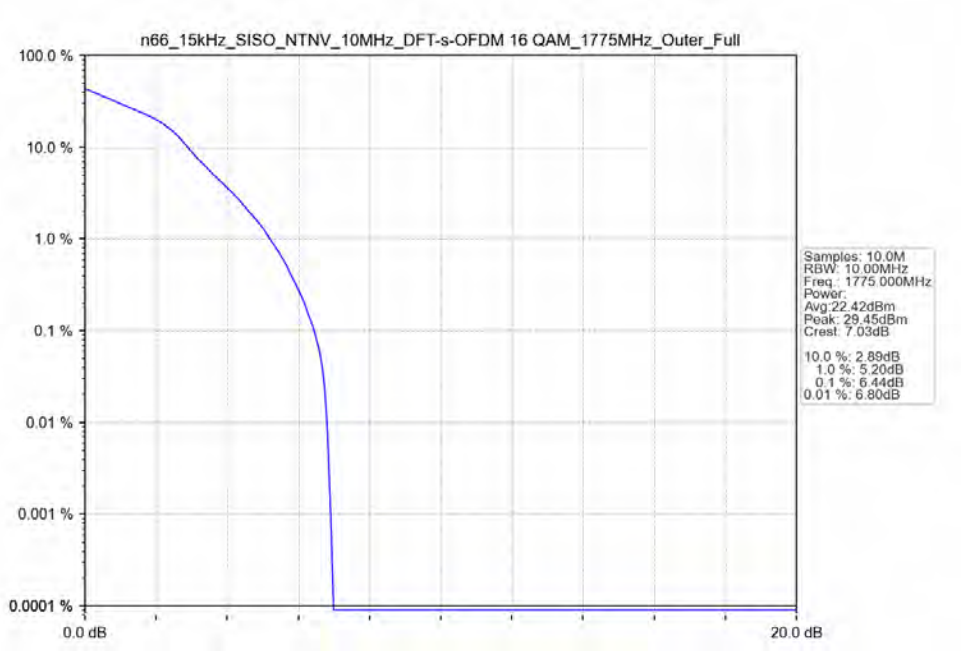
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1715MHz_Outer_Full



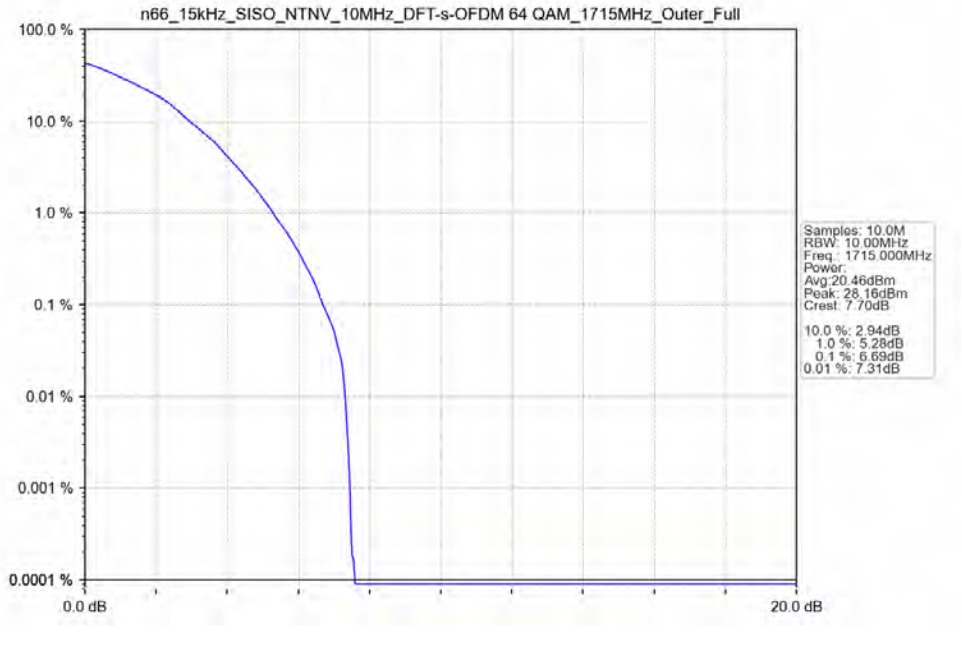

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full



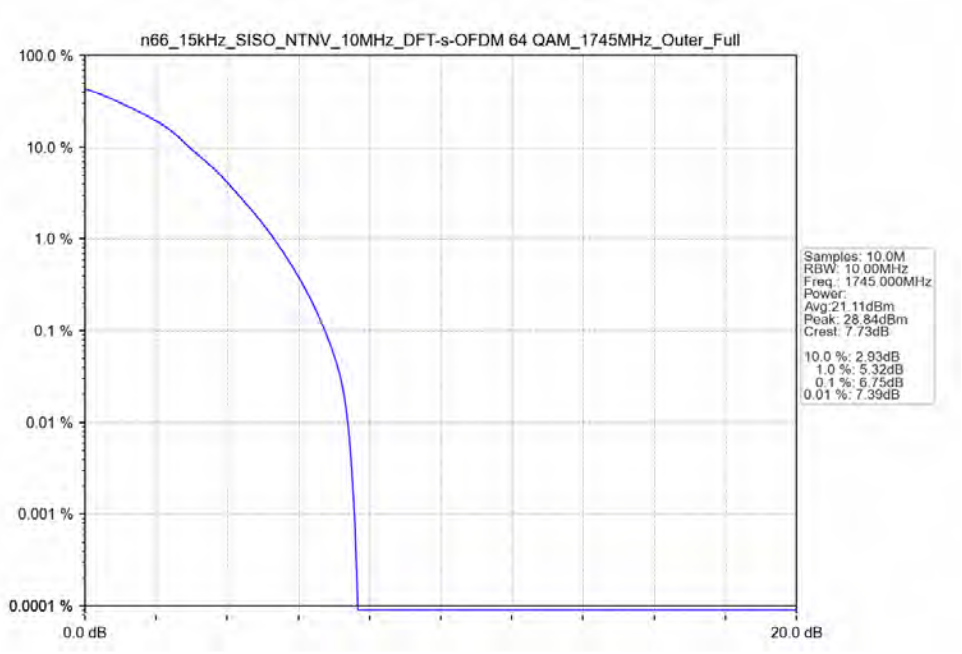
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_1775MHz_Outer_Full



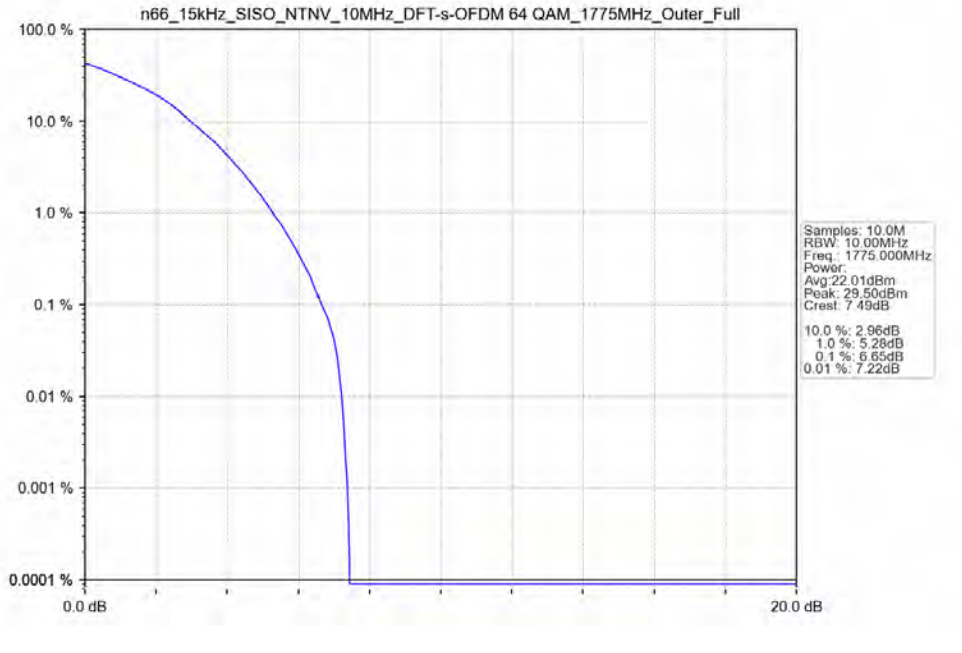

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1715MHz_Outer_Full



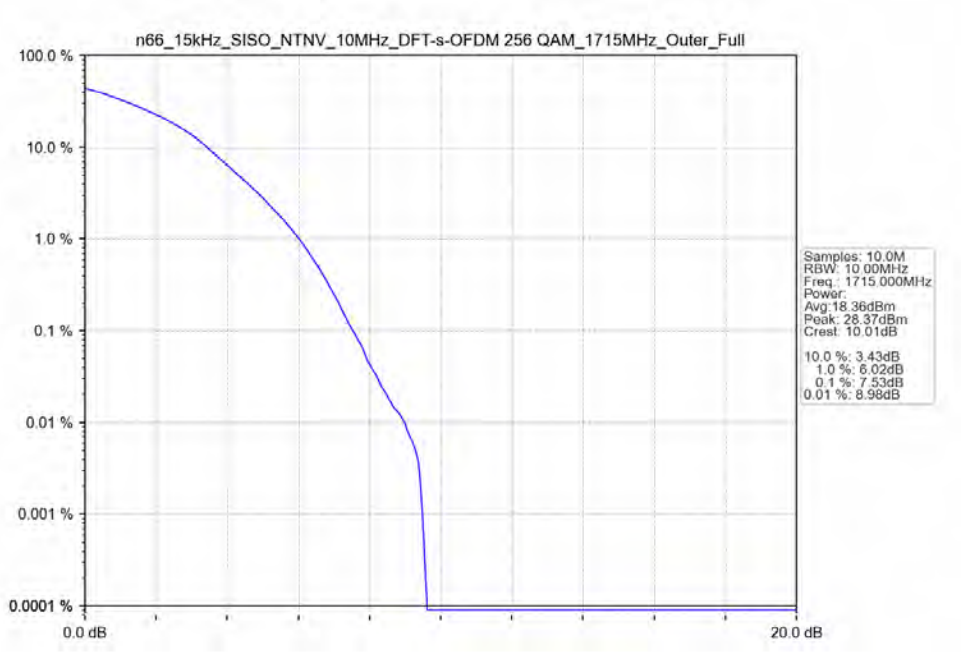
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full



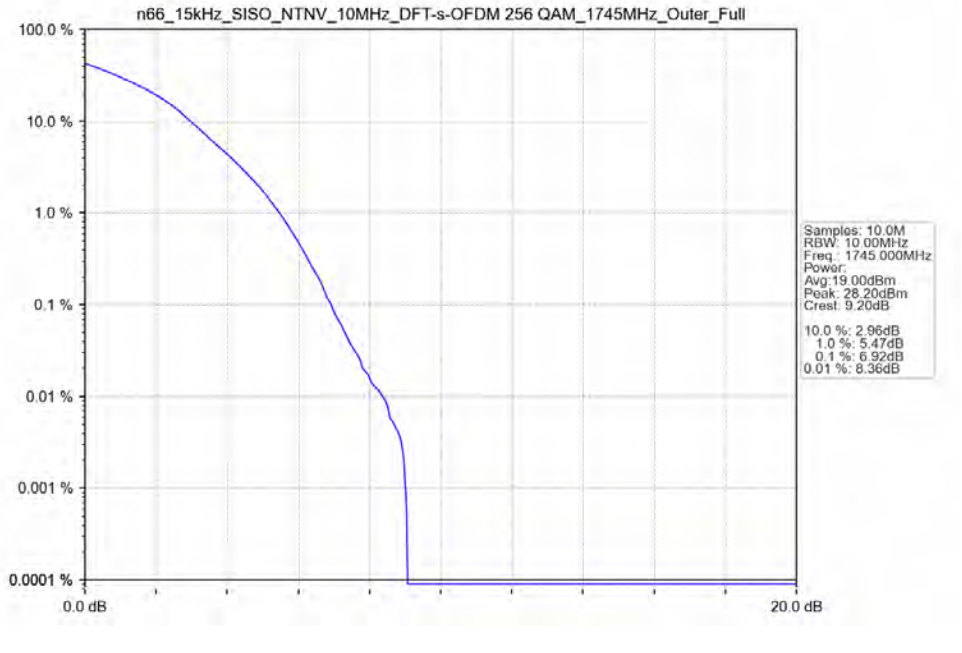

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_1775MHz_Outer_Full



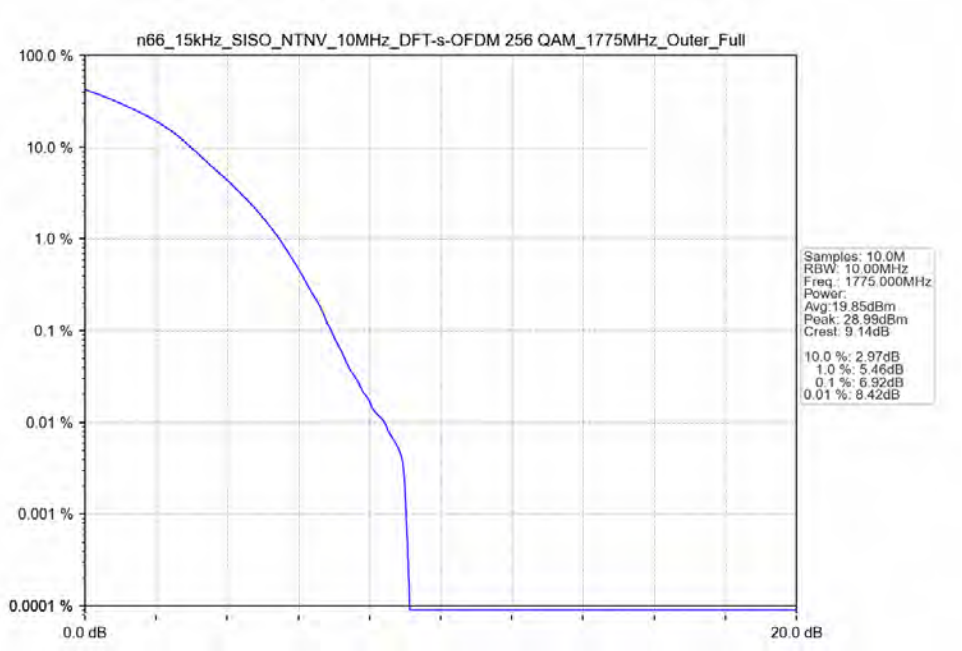
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1715MHz_Outer_Full



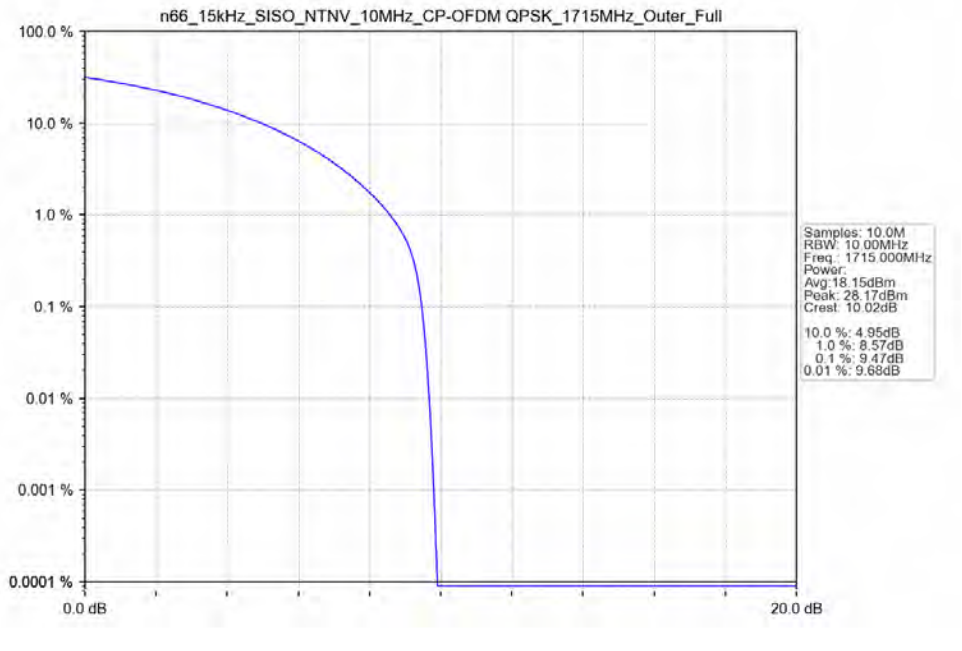

n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full



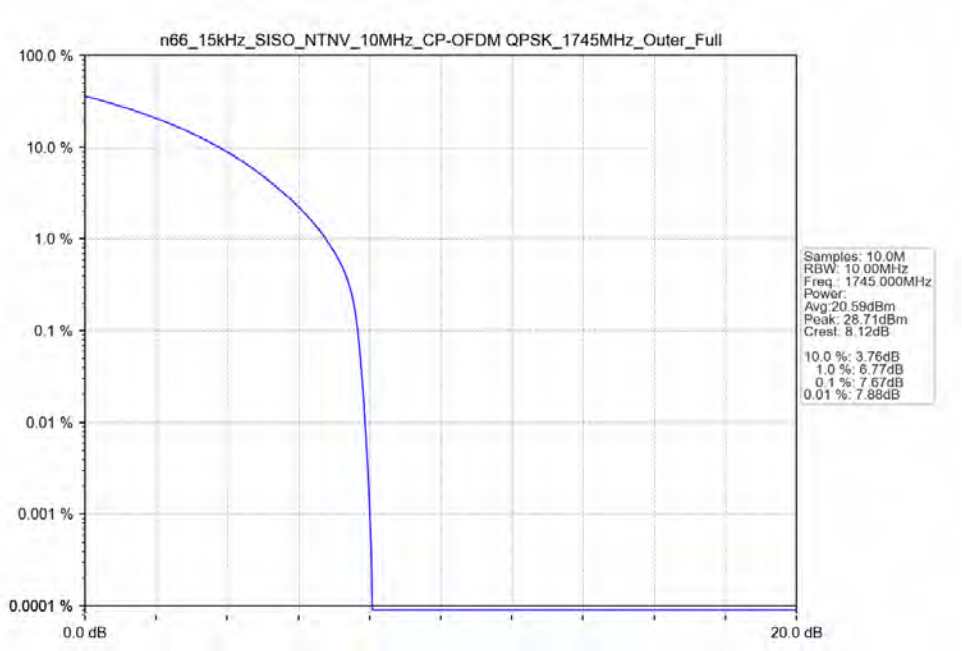
n66_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_1775MHz_Outer_Full



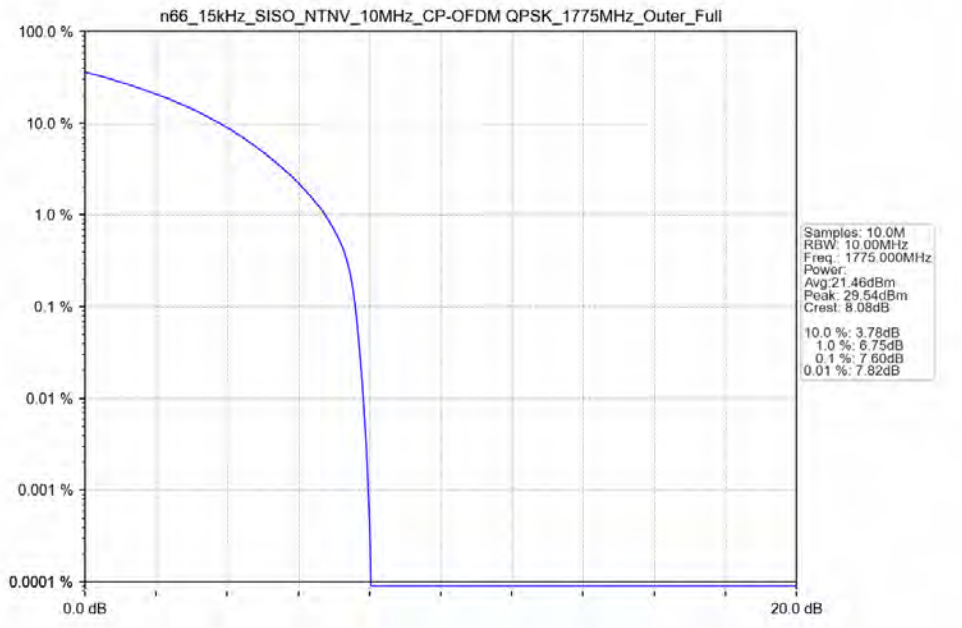

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1715MHz_Outer_Full



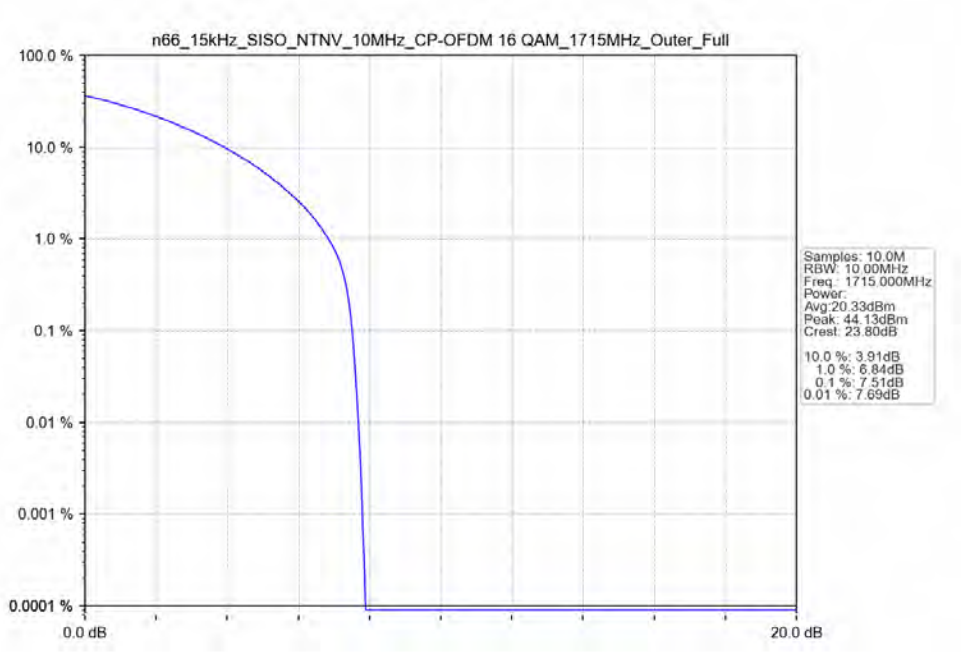
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1745MHz_Outer_Full



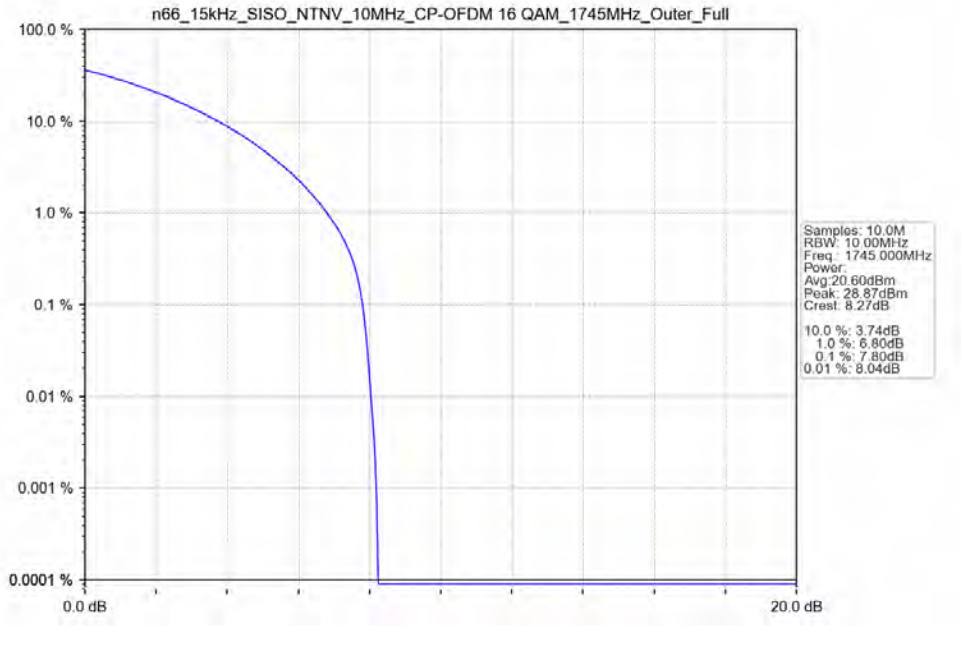

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_1775MHz_Outer_Full



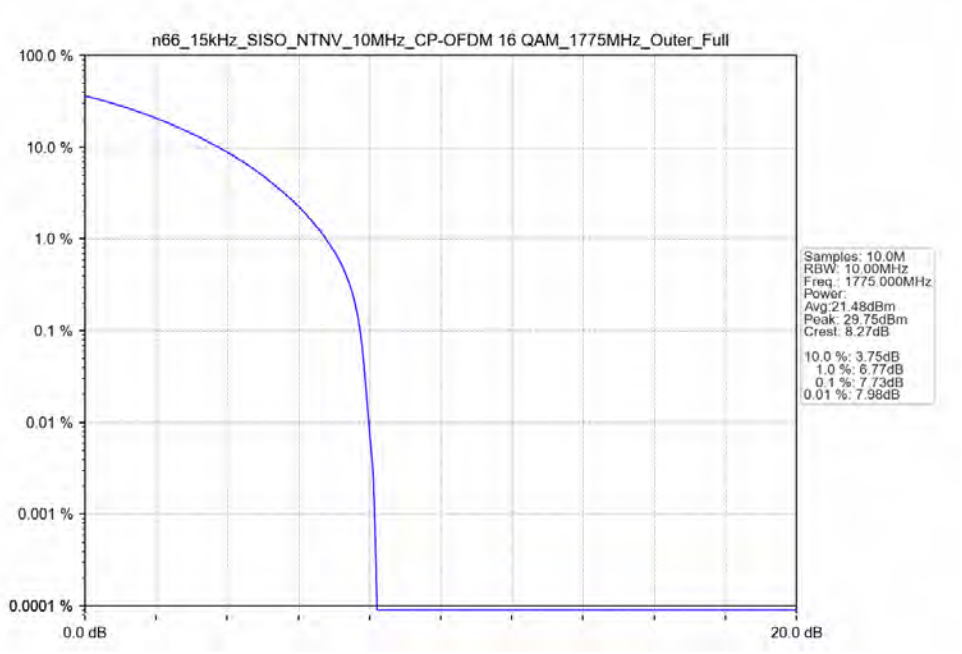
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1715MHz_Outer_Full



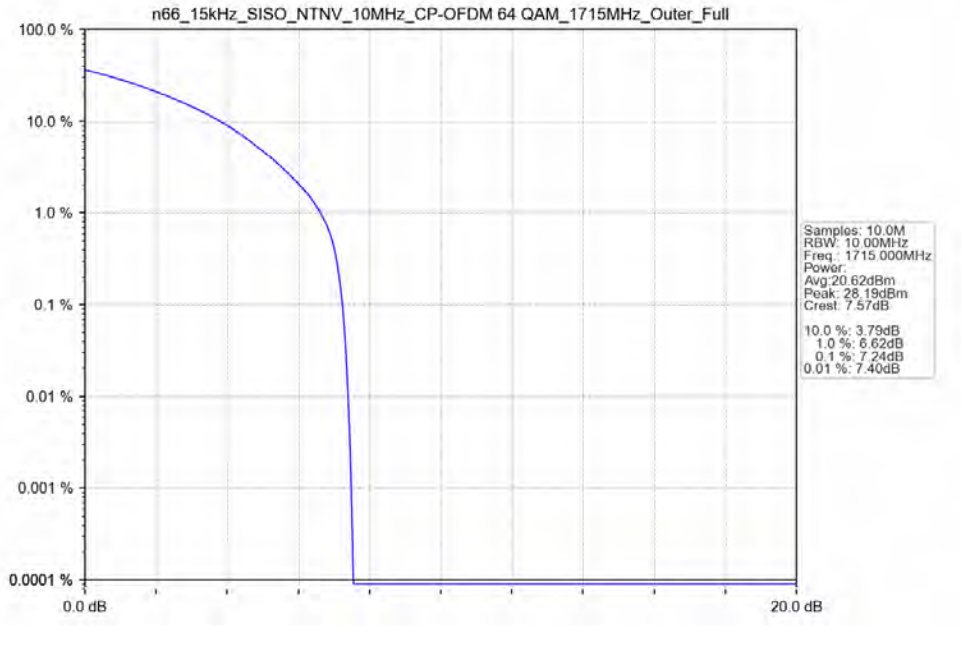

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full



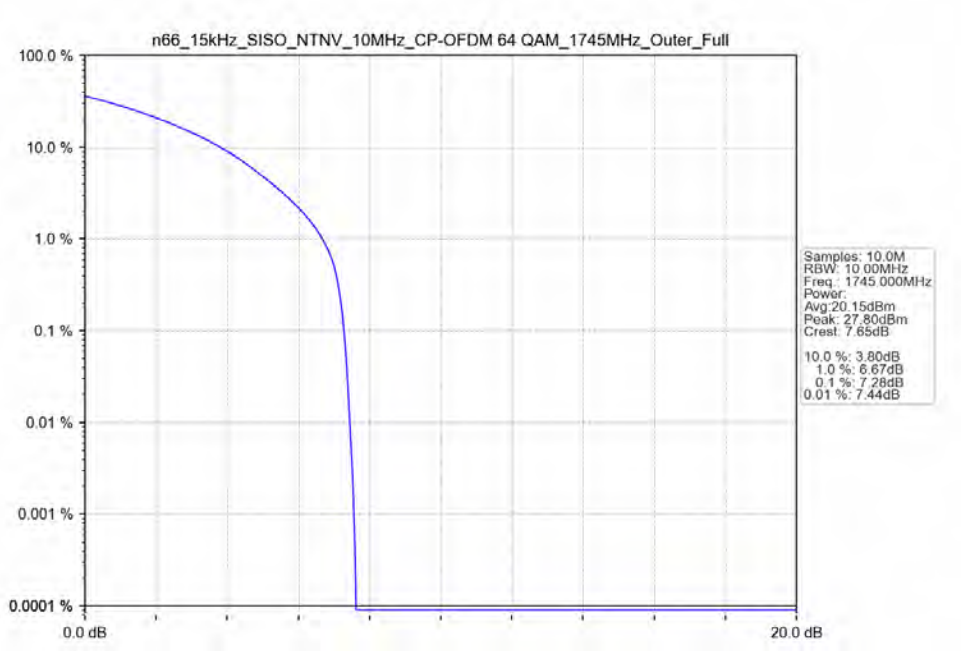
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_1775MHz_Outer_Full



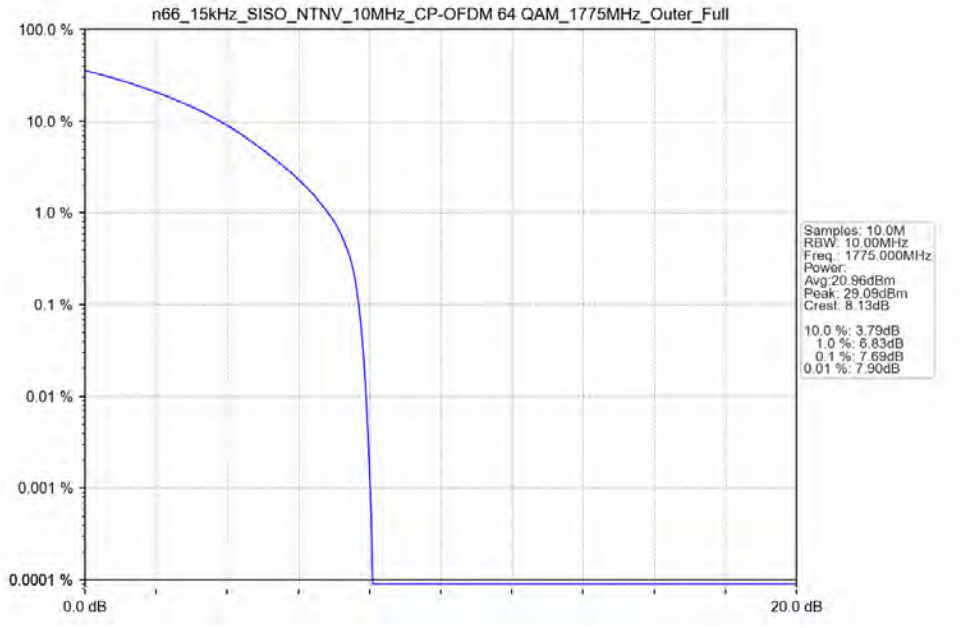

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1715MHz_Outer_Full



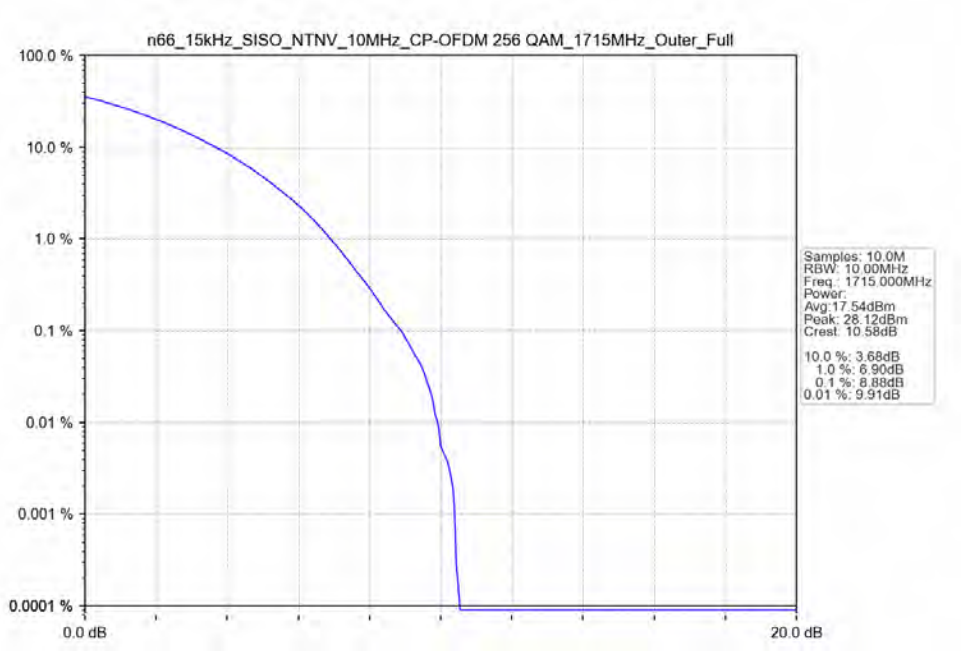
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full



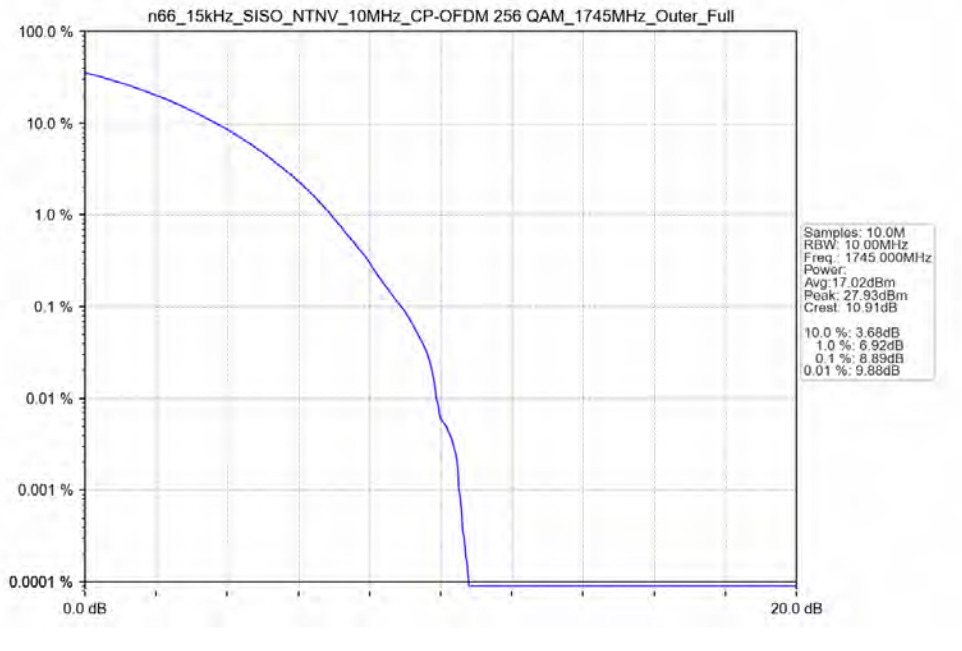

n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_1775MHz_Outer_Full



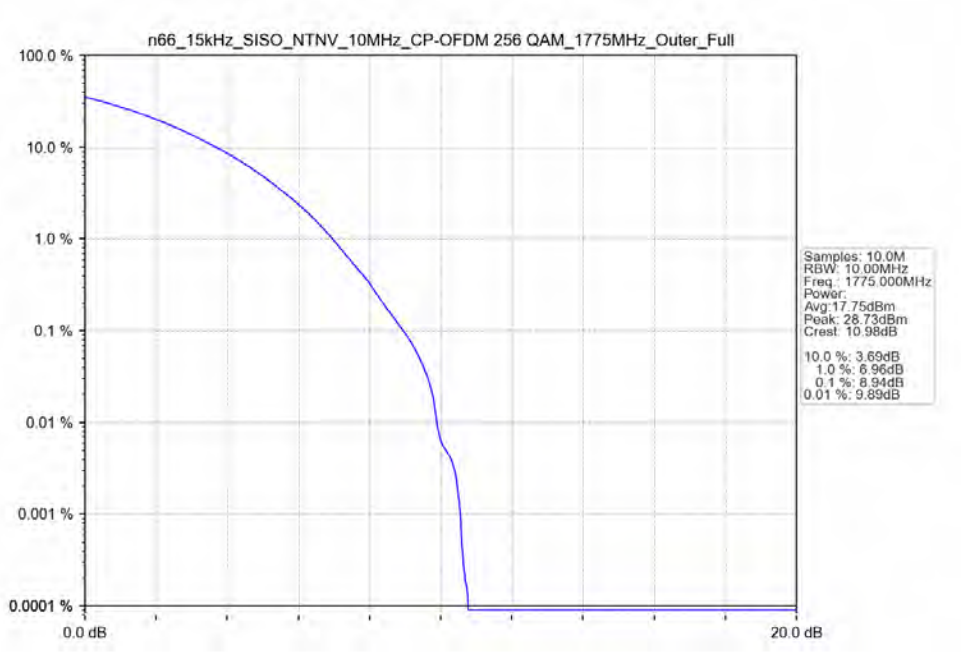
n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1715MHz_Outer_Full




n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full

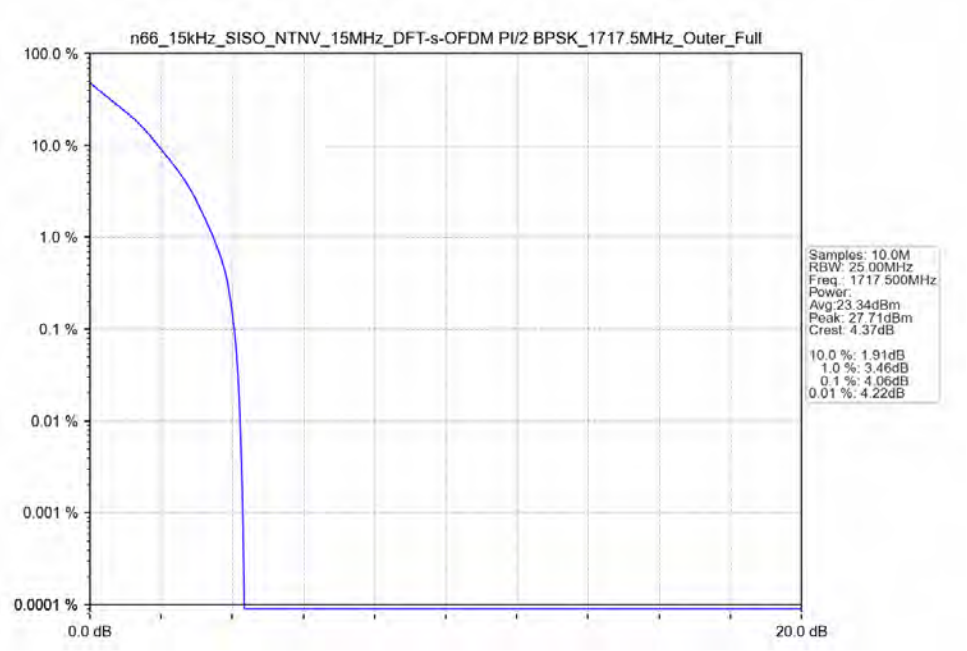


n66_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_1775MHz_Outer_Full

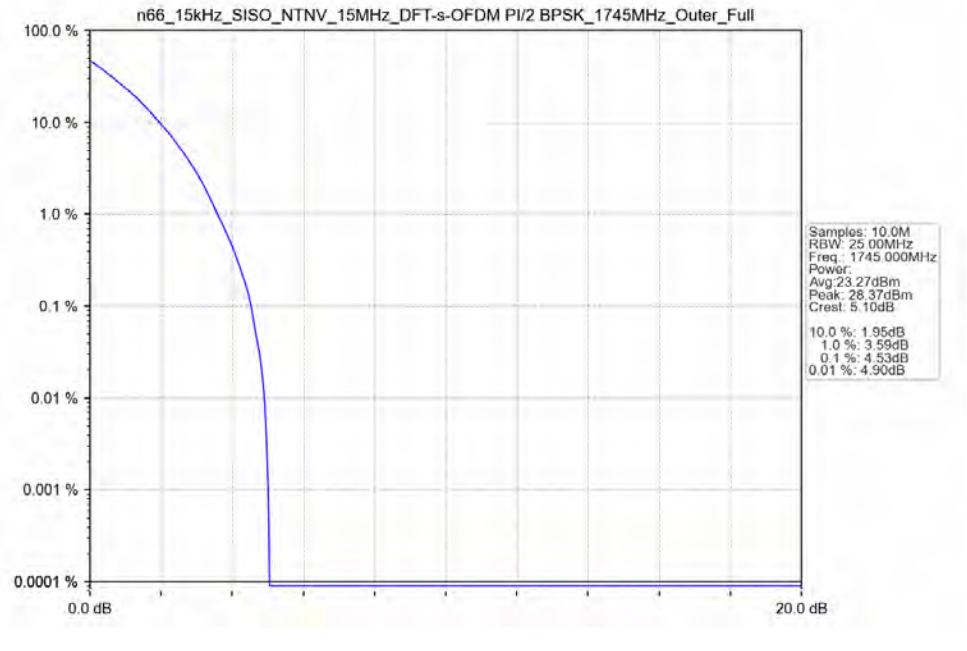


### 4.2.3 15k_SISO_15MHz_NTNV

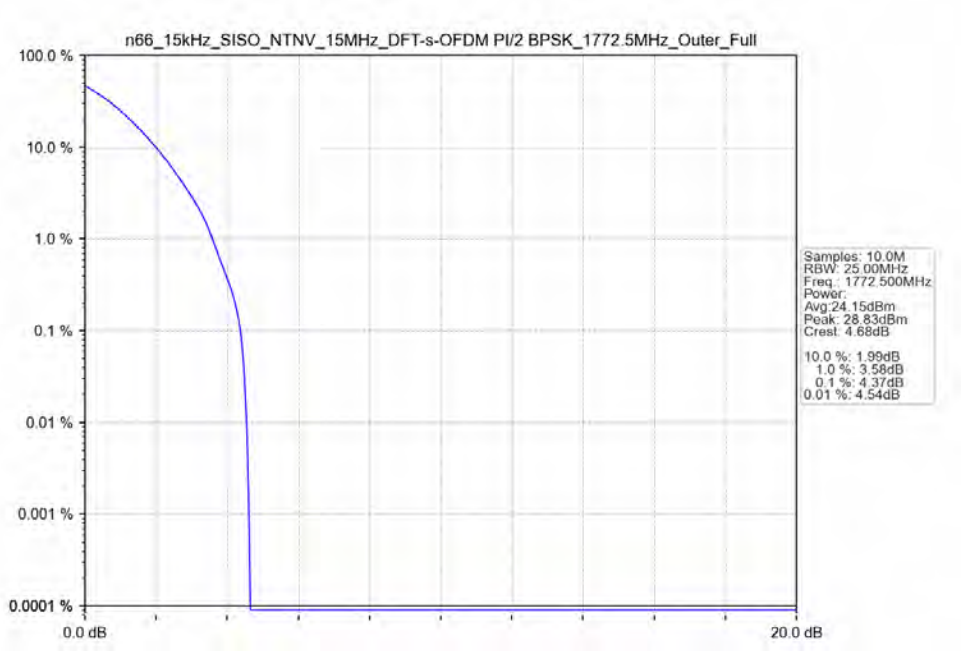
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1717.5MHz_Outer_Full



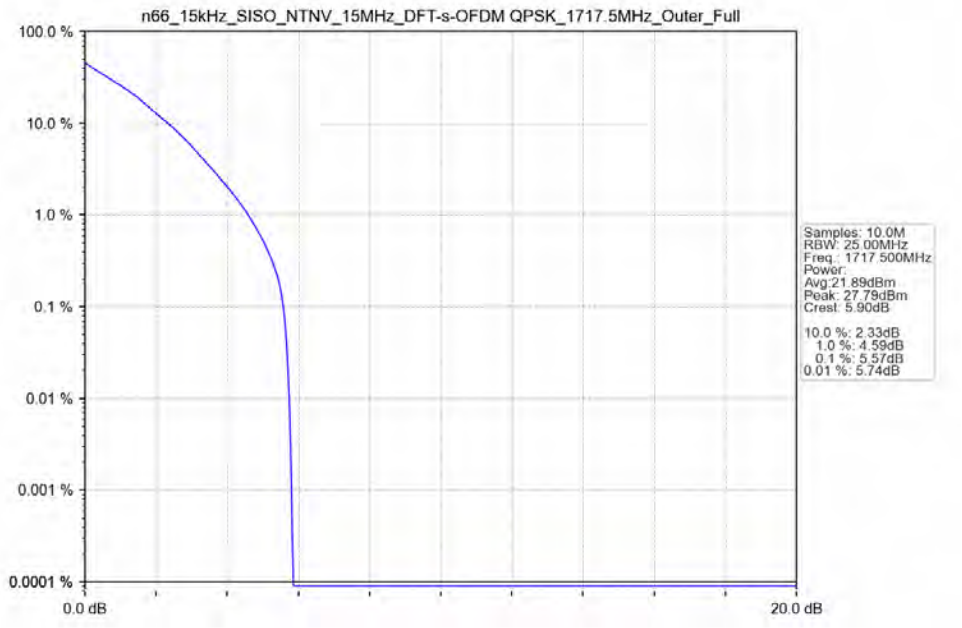

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full



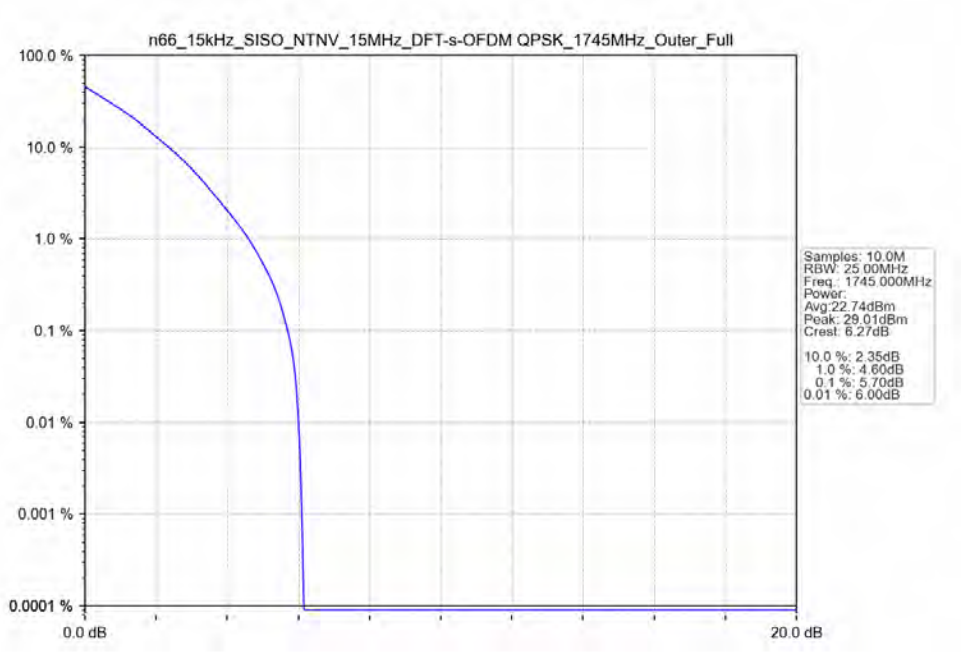
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_1772.5MHz_Outer_Full



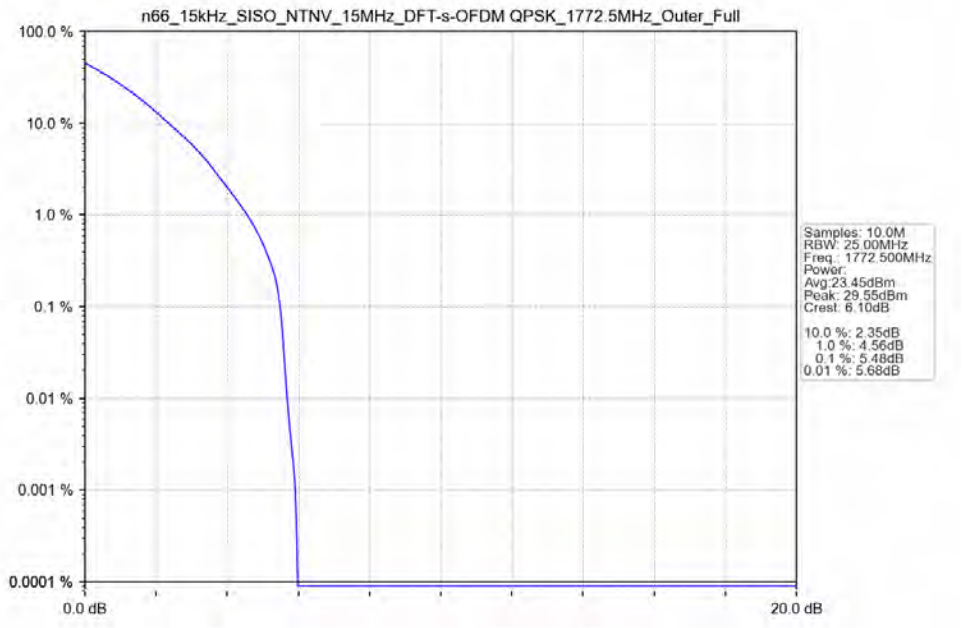

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1717.5MHz_Outer_Full



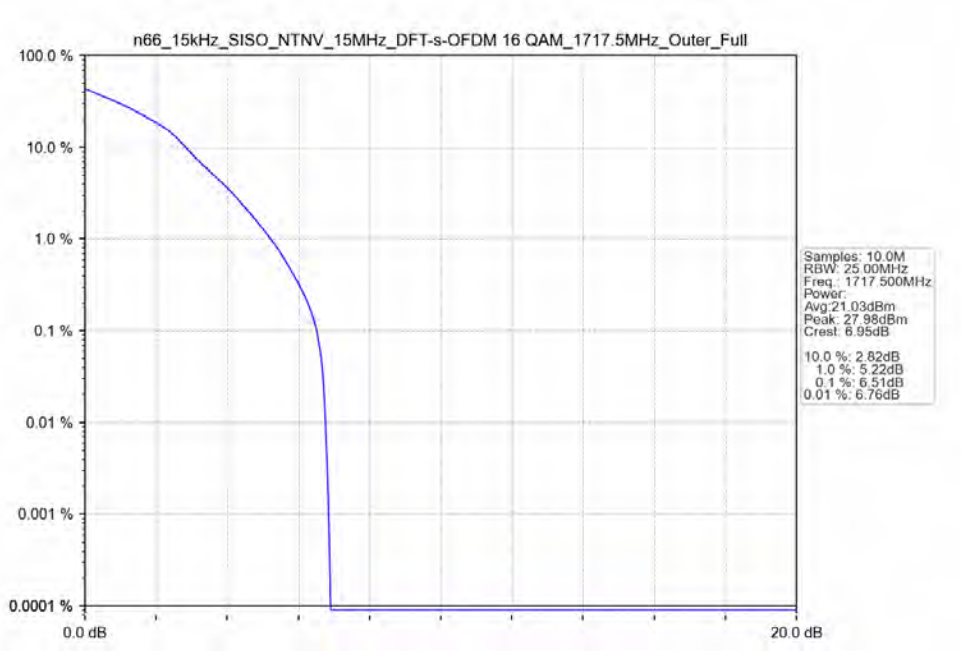
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



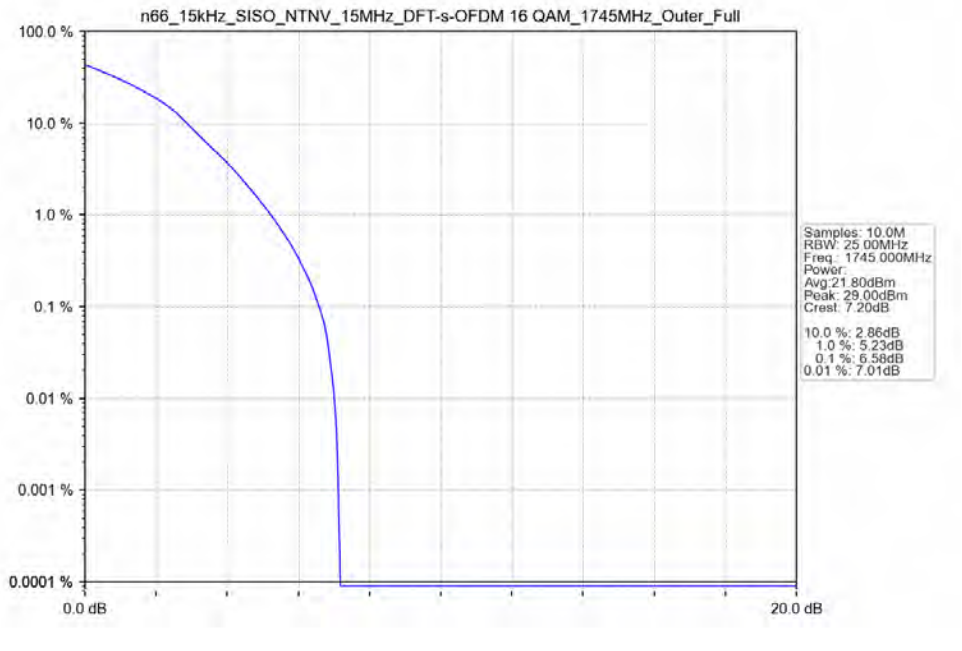

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_1772.5MHz_Outer_Full



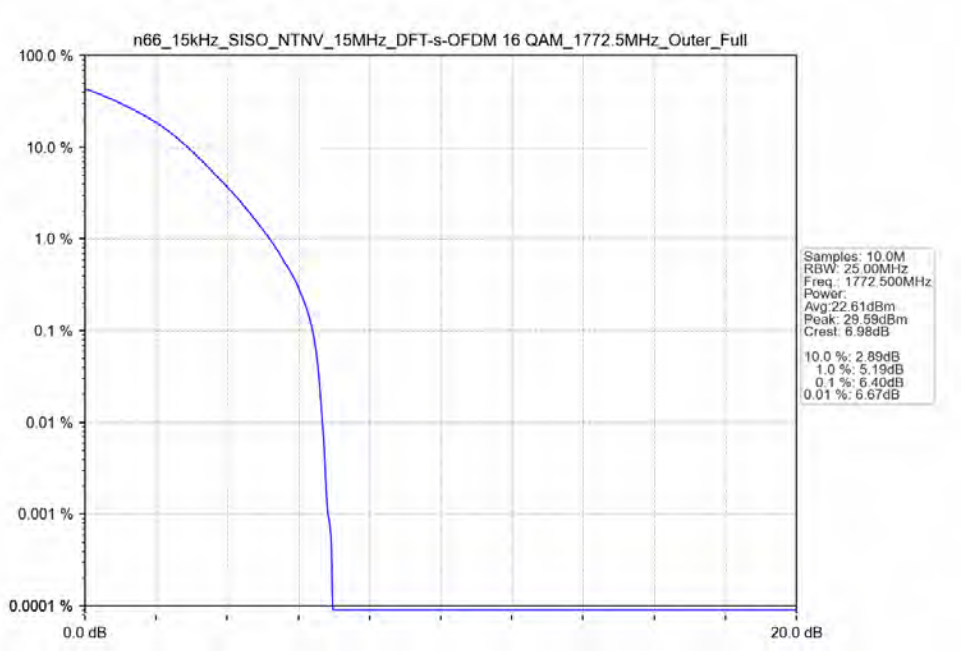
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1717.5MHz_Outer_Full



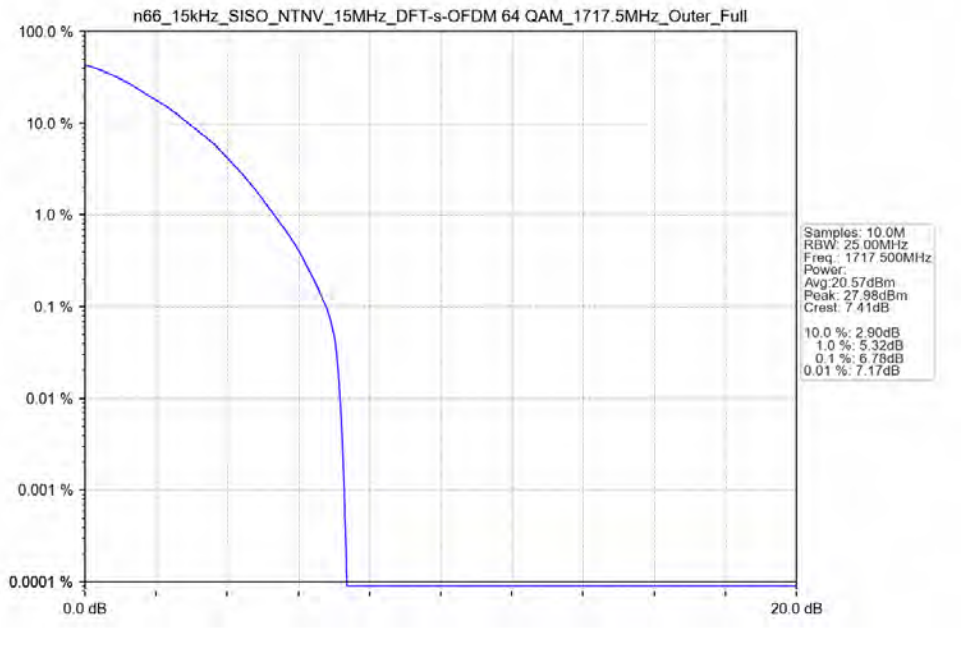

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full



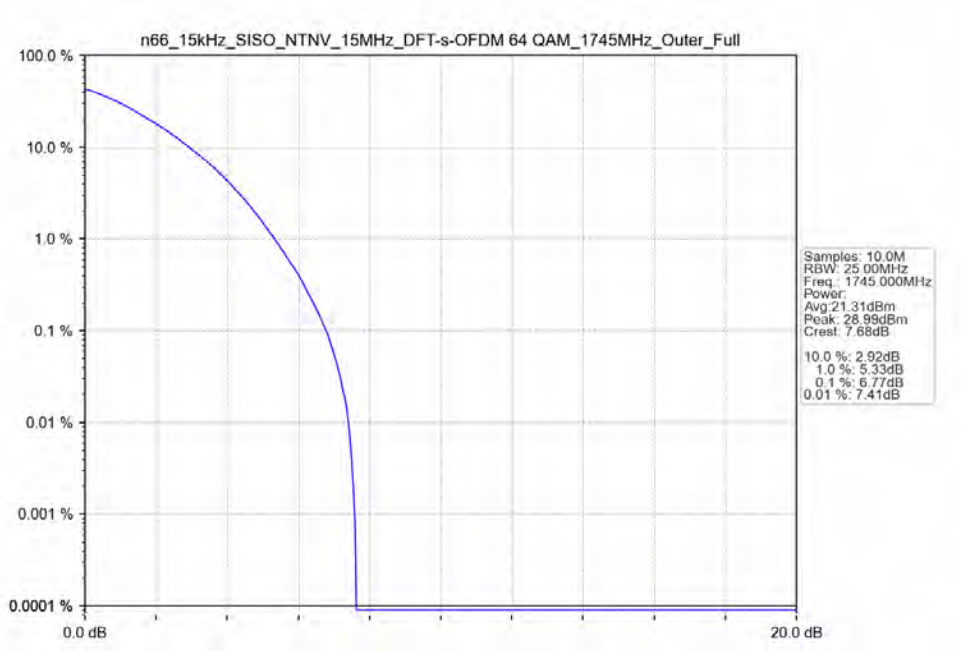
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_1772.5MHz_Outer_Full



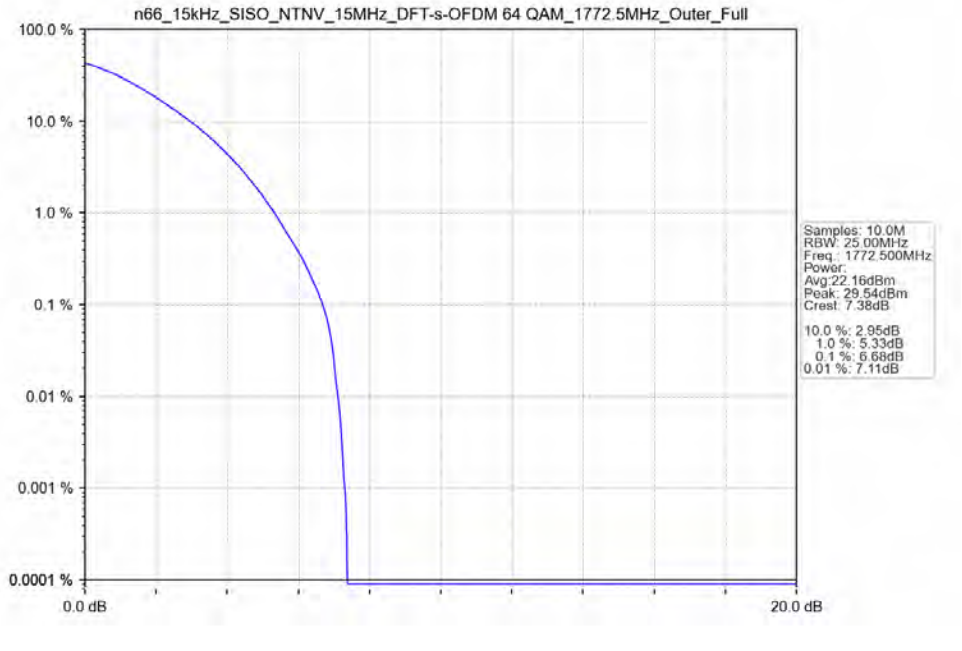

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1717.5MHz_Outer_Full



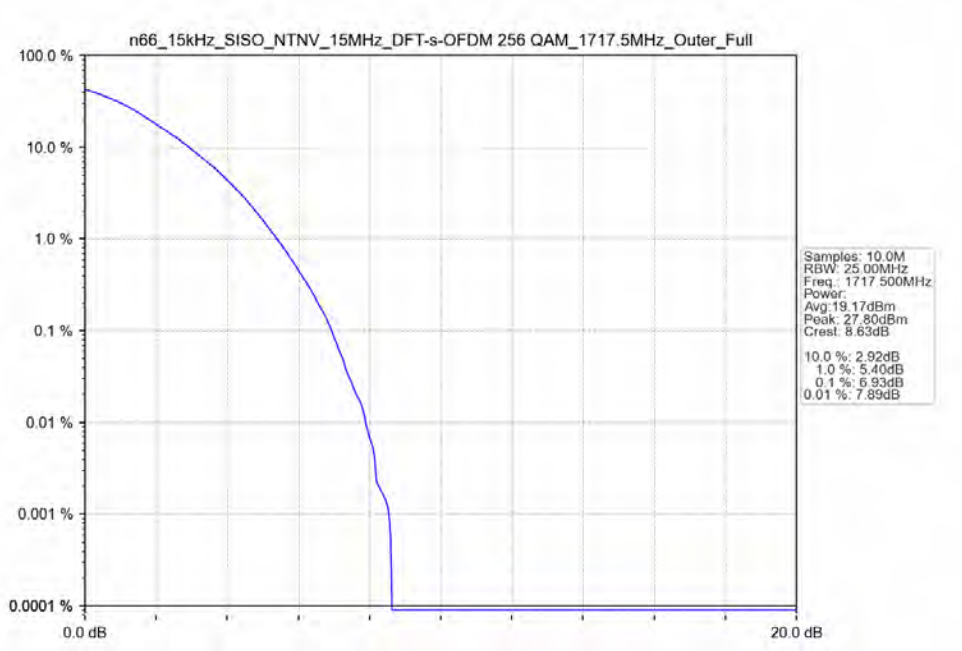
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full



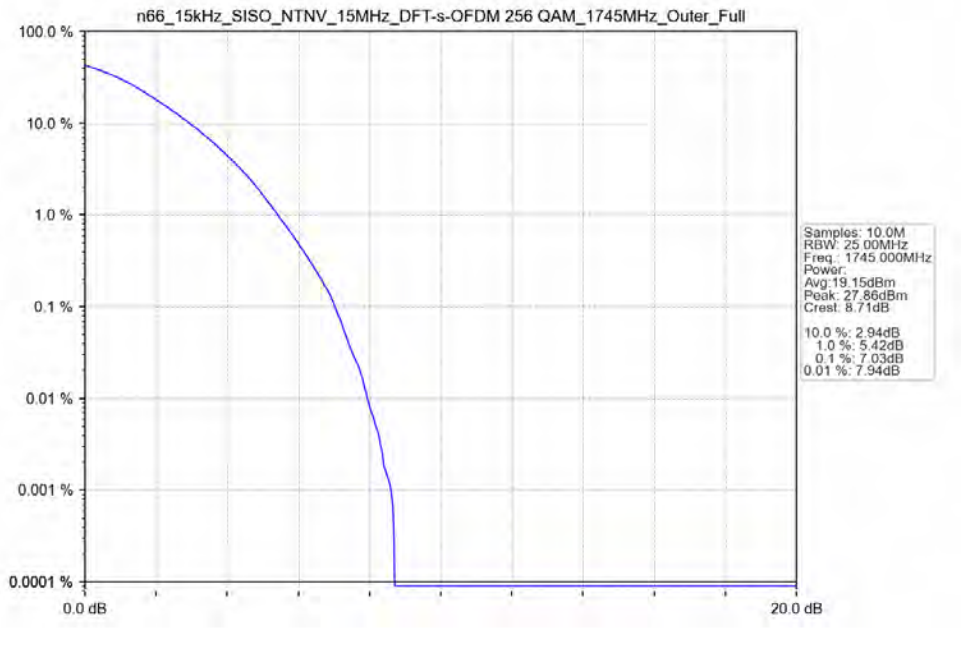

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_1772.5MHz_Outer_Full



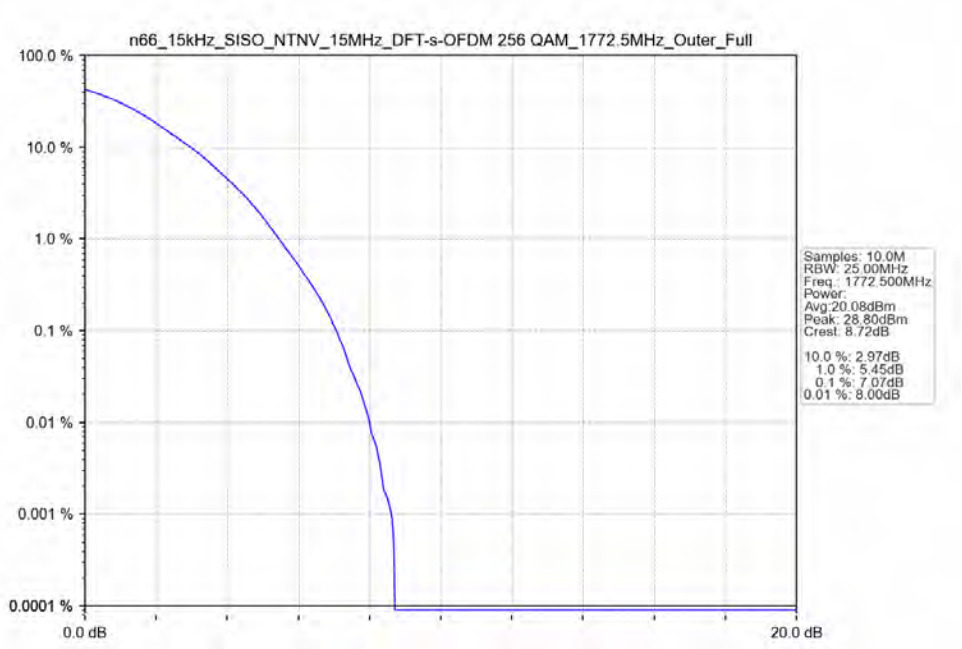
n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1717.5MHz_Outer_Full



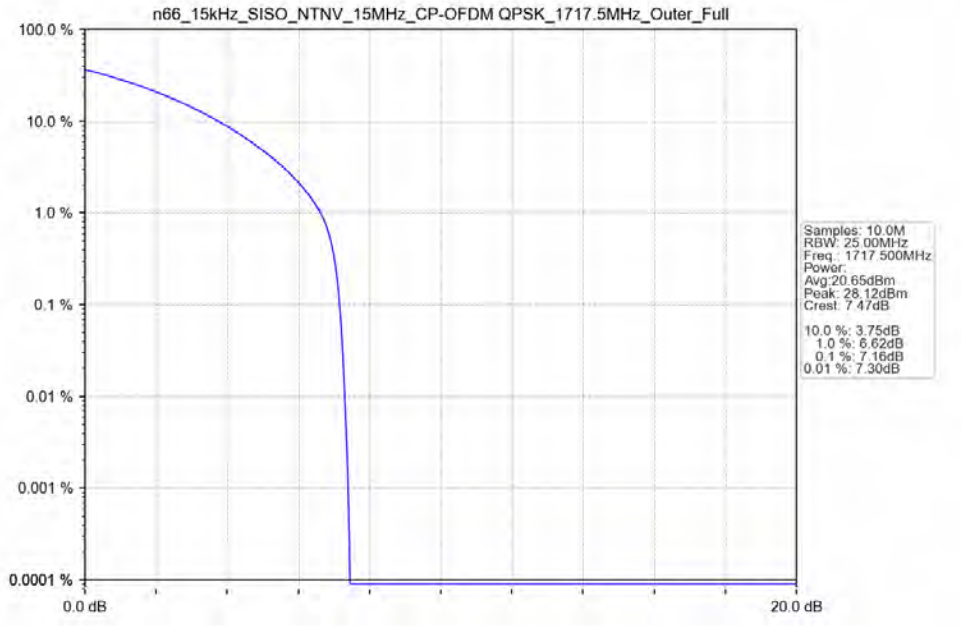

n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full



n66_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_1772.5MHz_Outer_Full




n66_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1717.5MHz_Outer_Full



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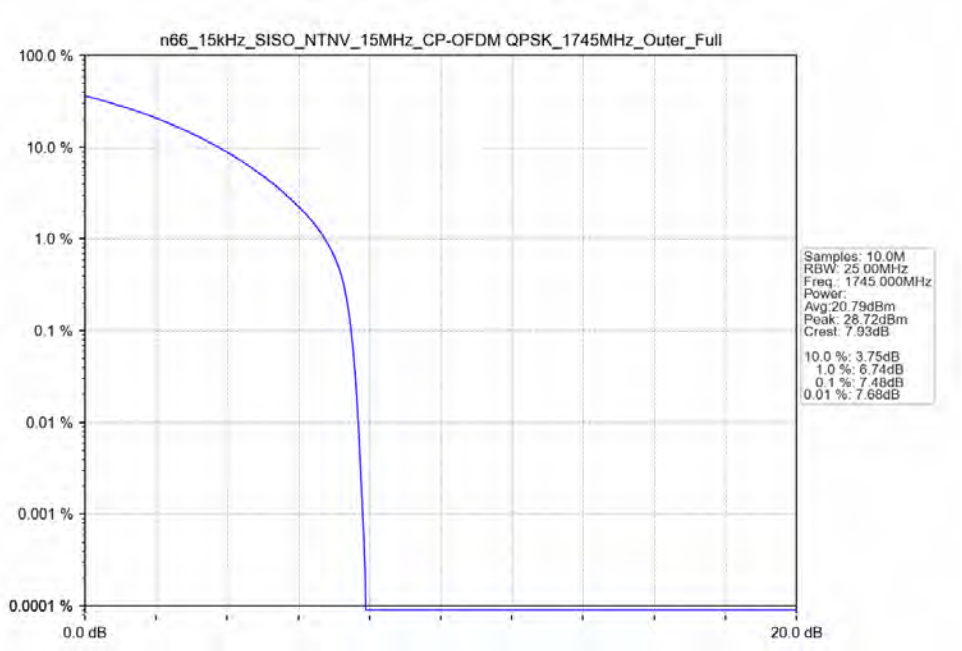
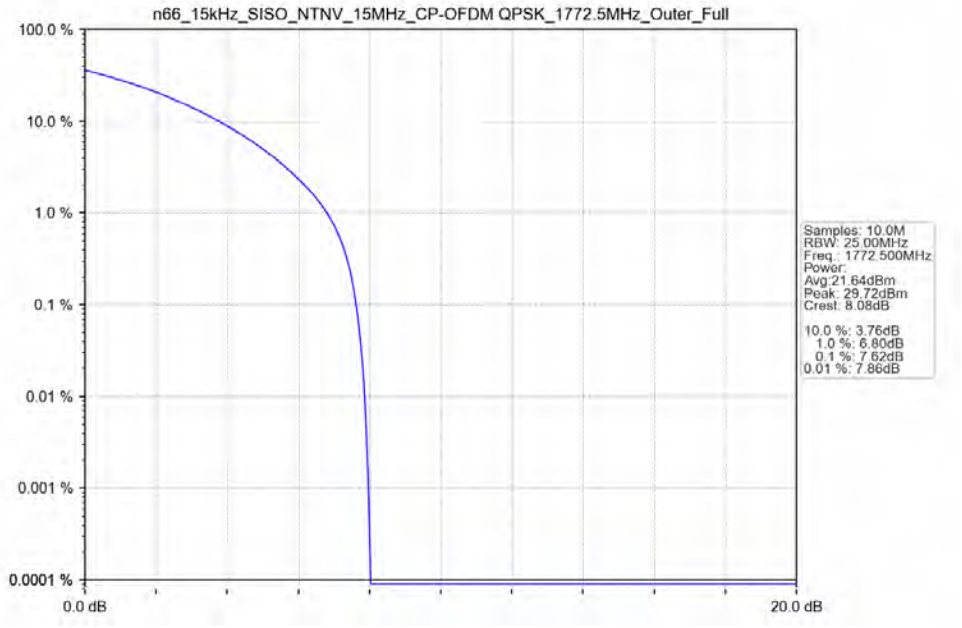
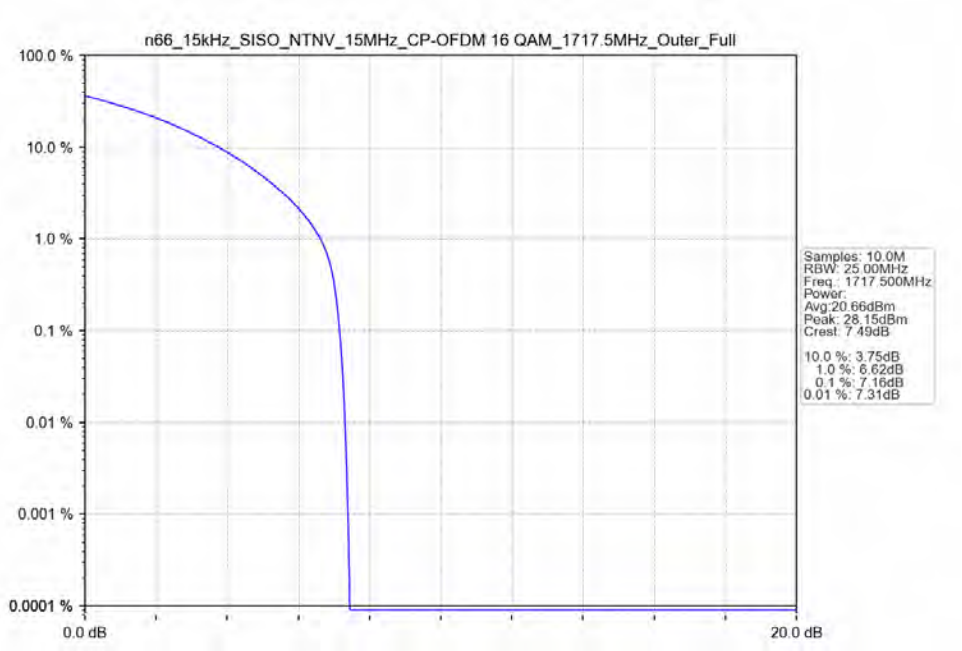


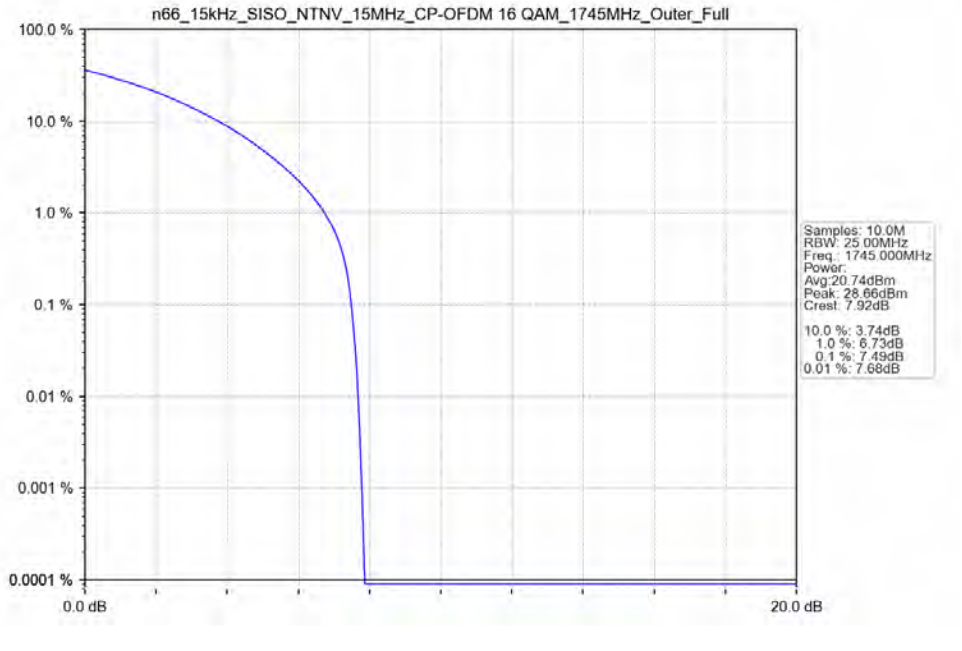

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_1772.5MHz_Outer_Full



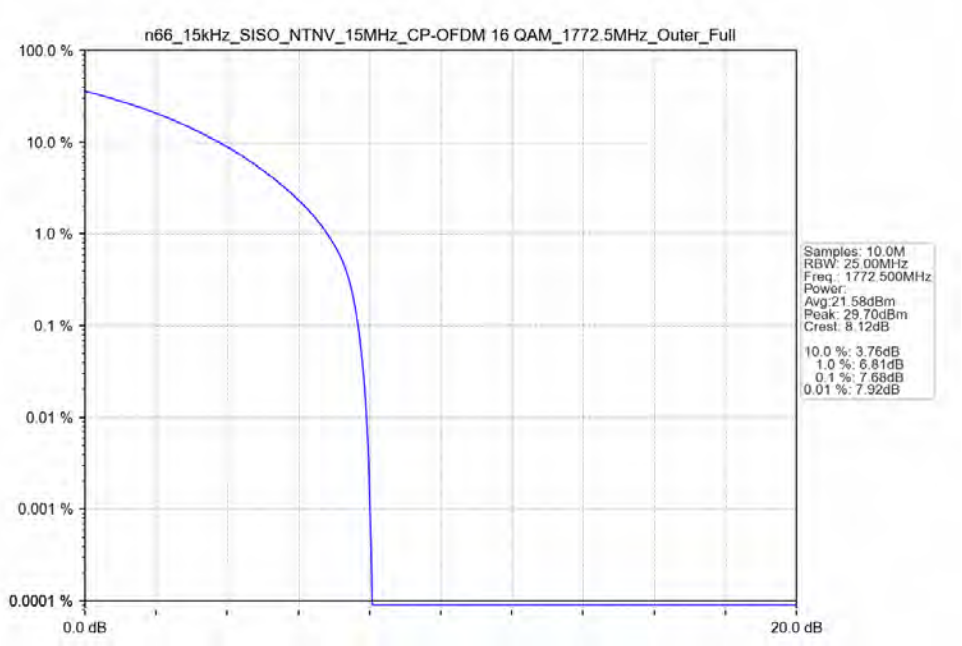
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1717.5MHz_Outer_Full



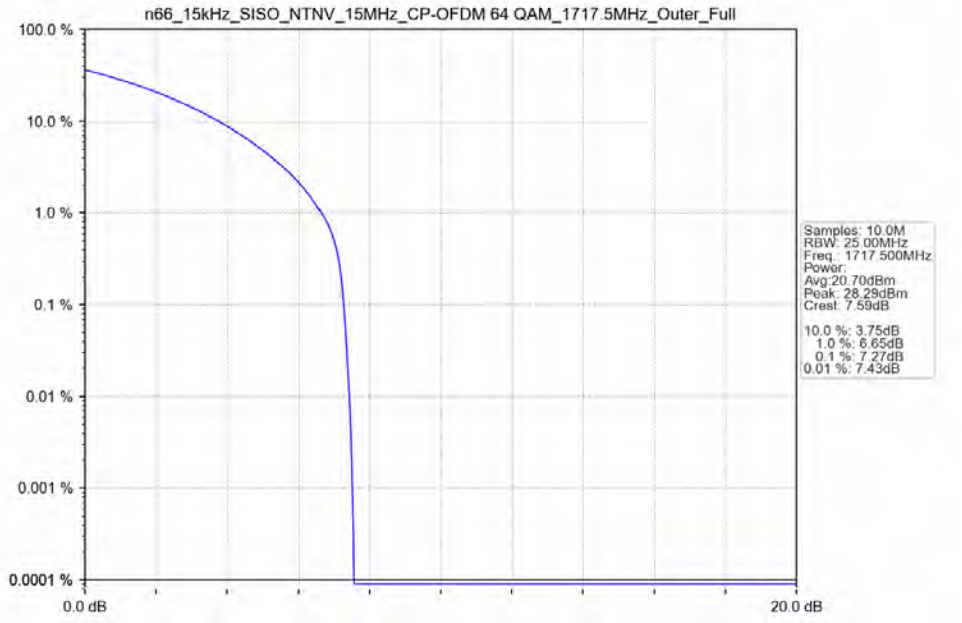

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full



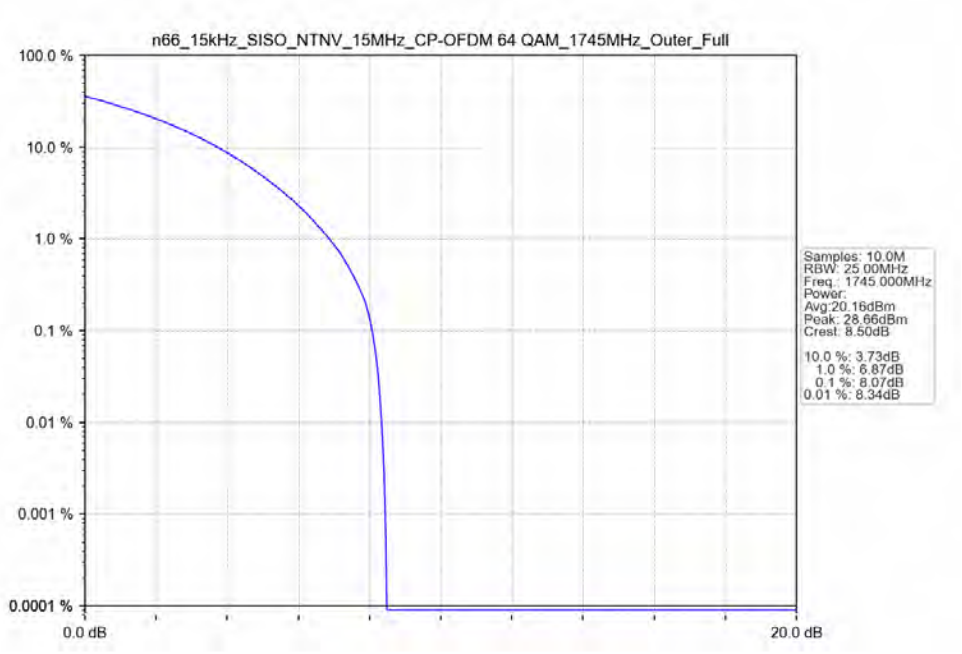
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_1772.5MHz_Outer_Full



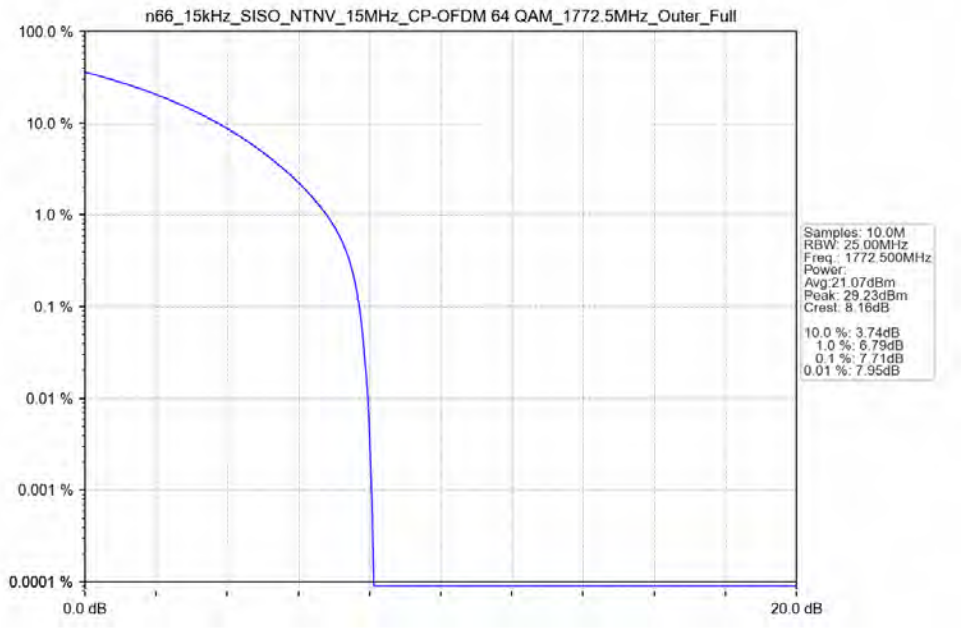

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1717.5MHz_Outer_Full



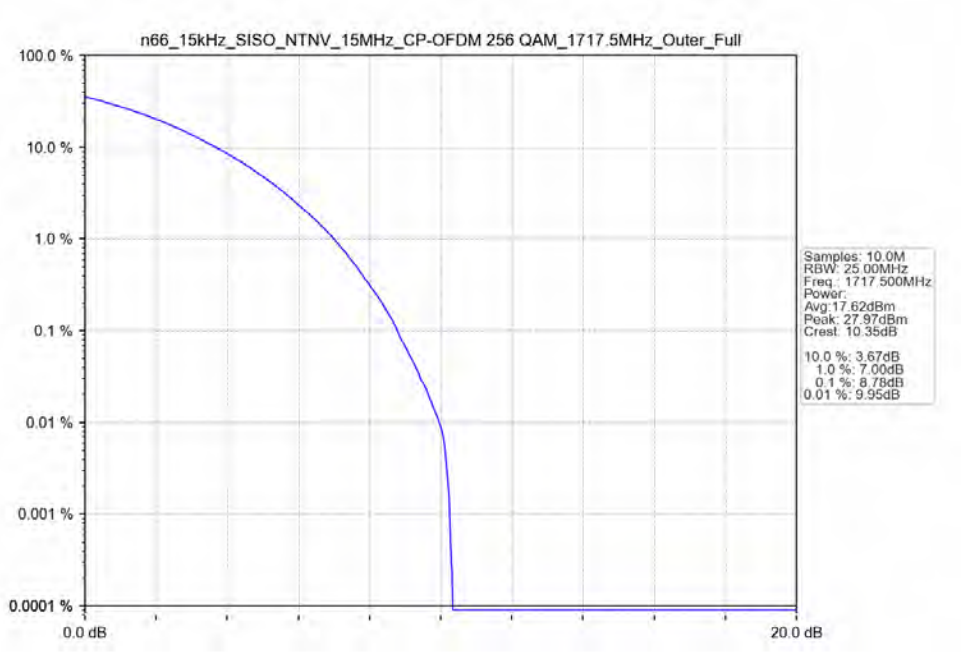
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full



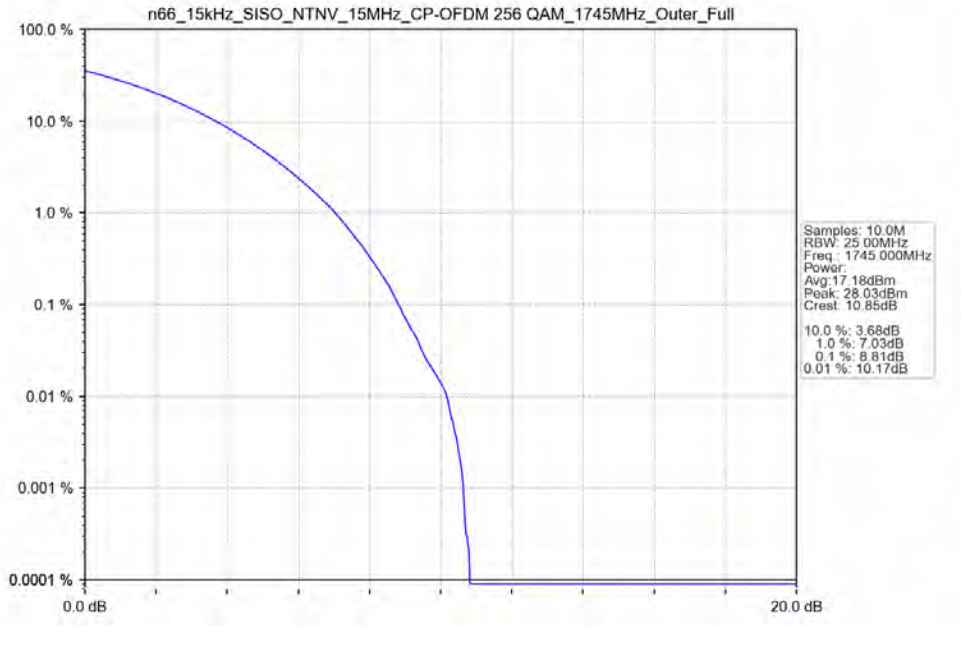

n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_1772.5MHz_Outer_Full



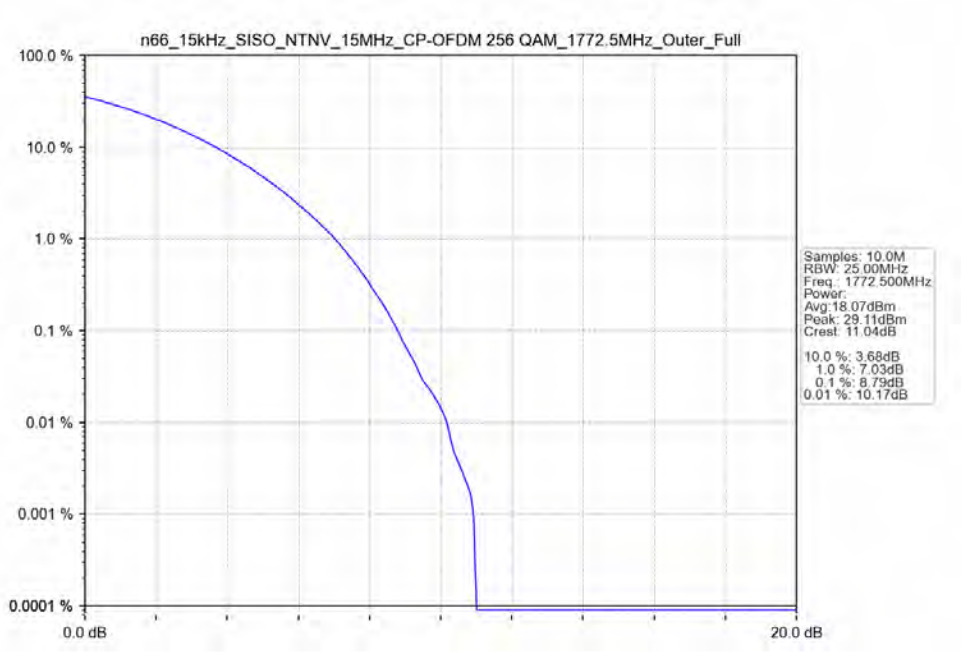
n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1717.5MHz_Outer_Full




n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full

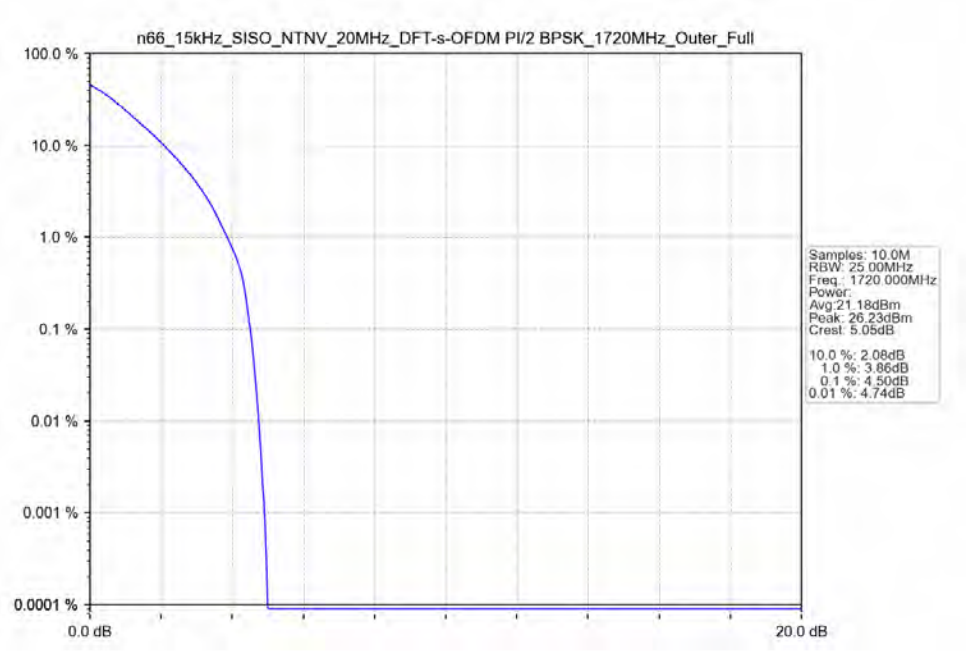


n66_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_1772.5MHz_Outer_Full

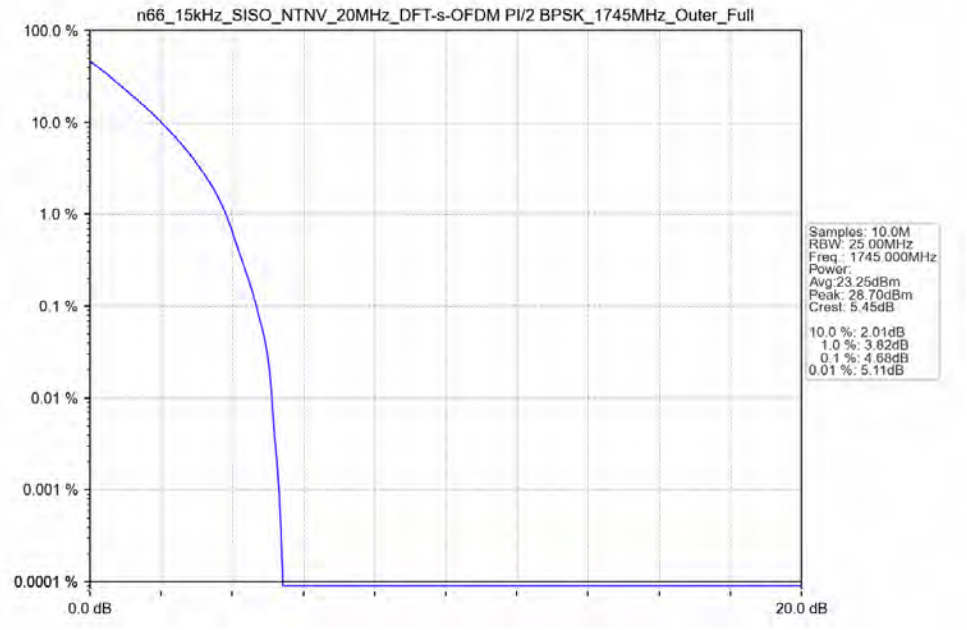


## 4.2.4 15k_SISO_20MHz_NTNV

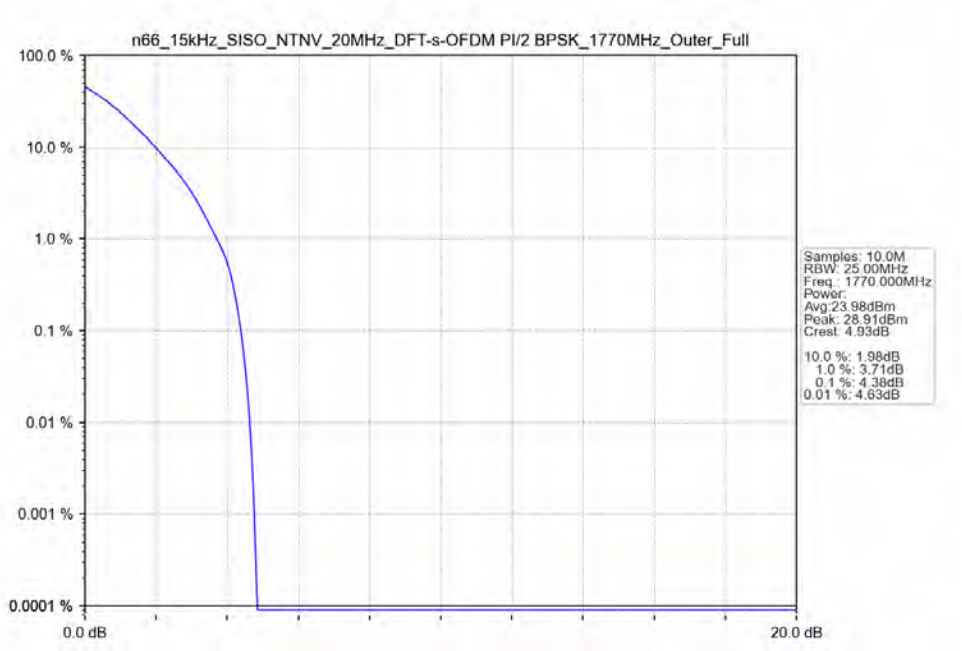
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1720MHz_Outer_Full



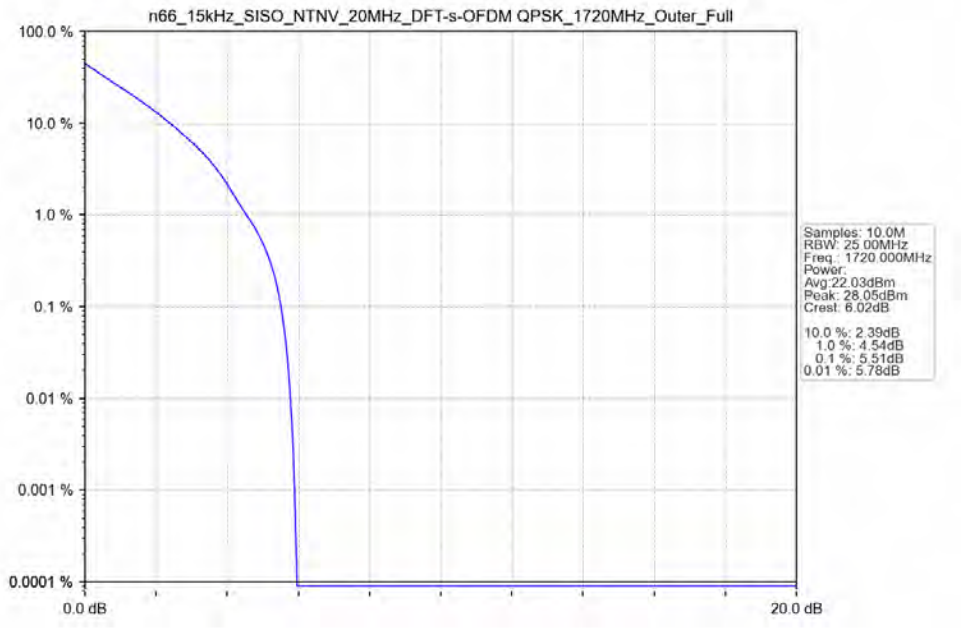

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1745MHz_Outer_Full



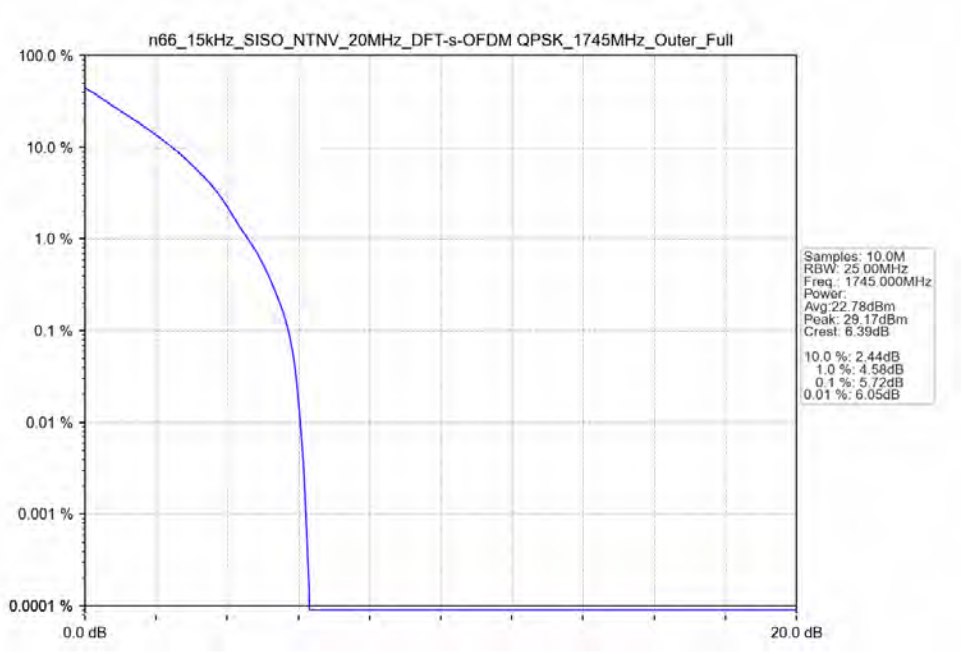
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_1770MHz_Outer_Full



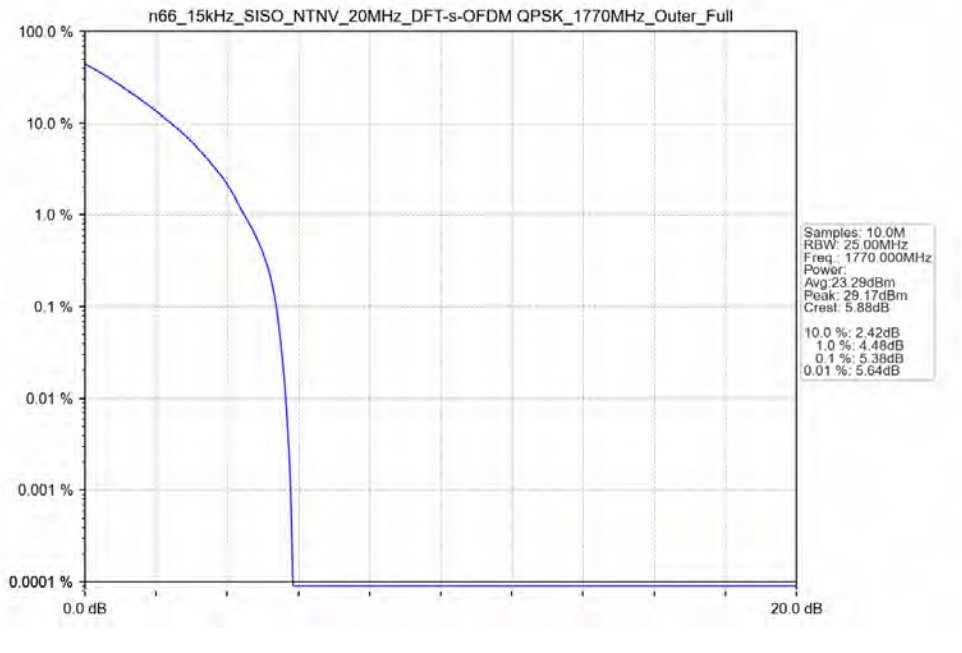

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1720MHz_Outer_Full



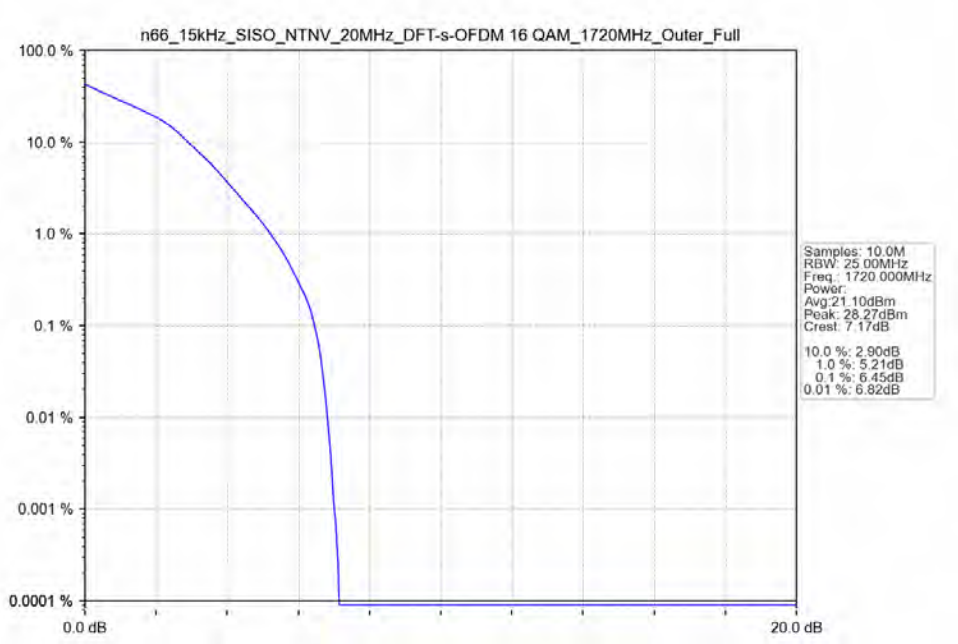
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1745MHz_Outer_Full



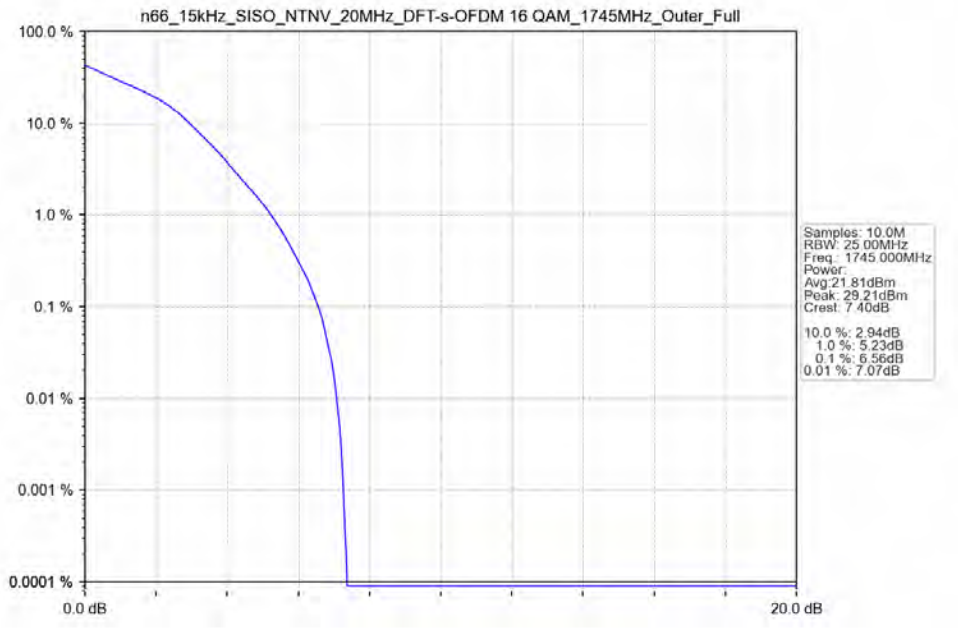

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_1770MHz_Outer_Full



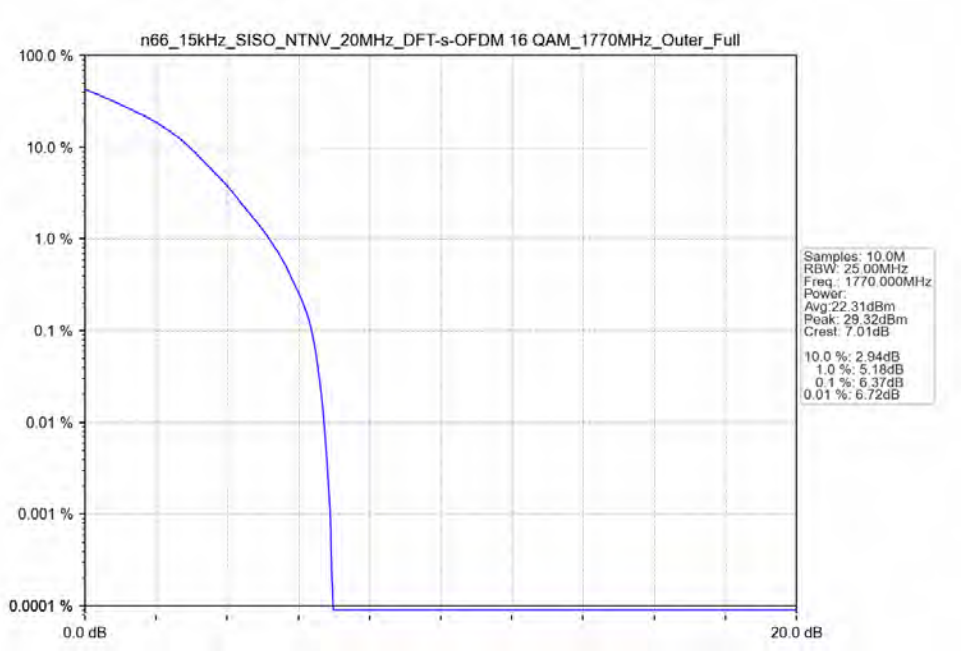
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1720MHz_Outer_Full



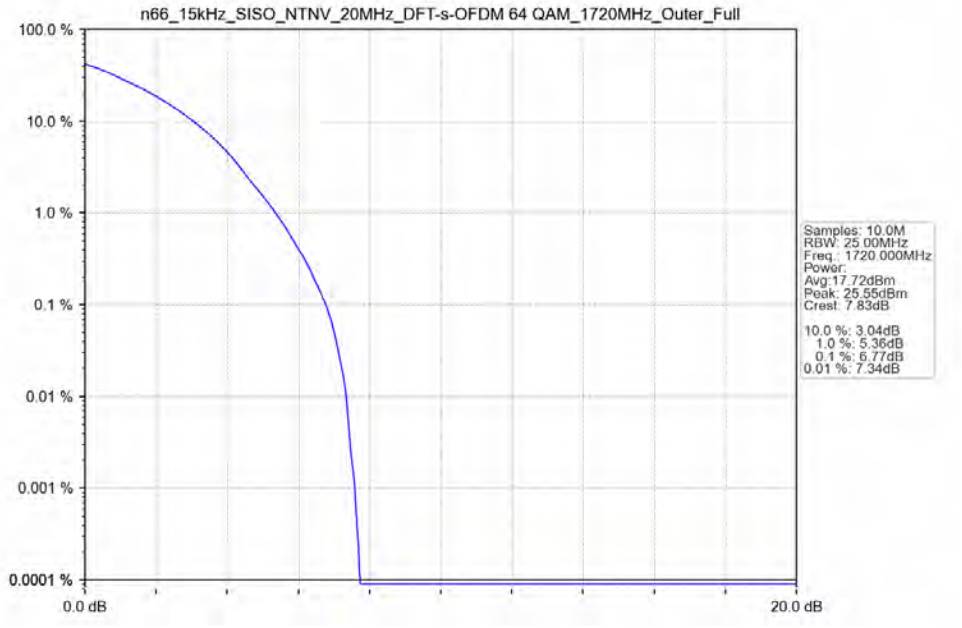

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1745MHz_Outer_Full



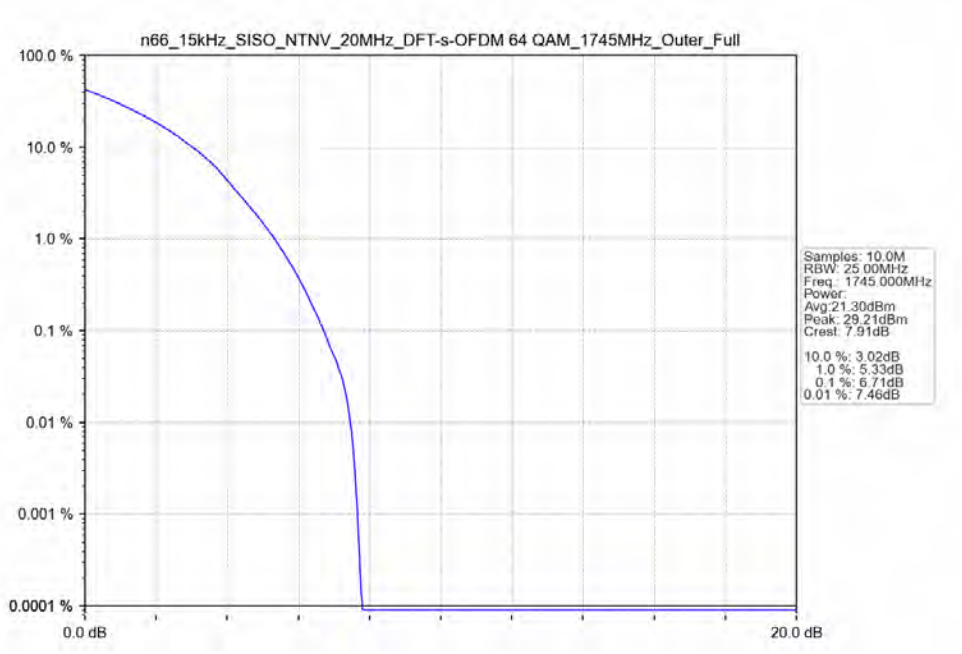
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_1770MHz_Outer_Full



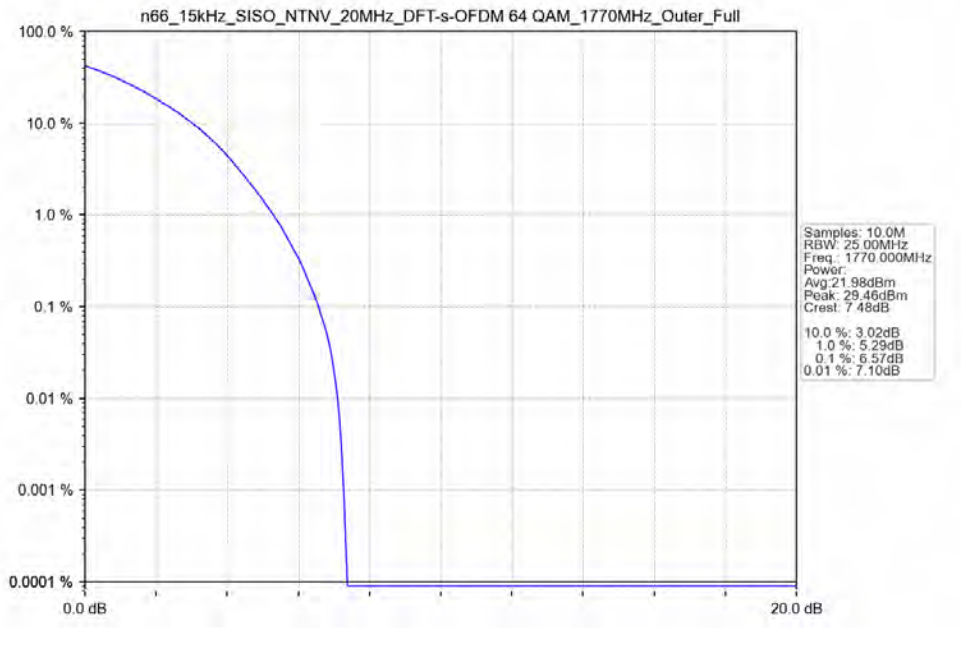

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1720MHz_Outer_Full



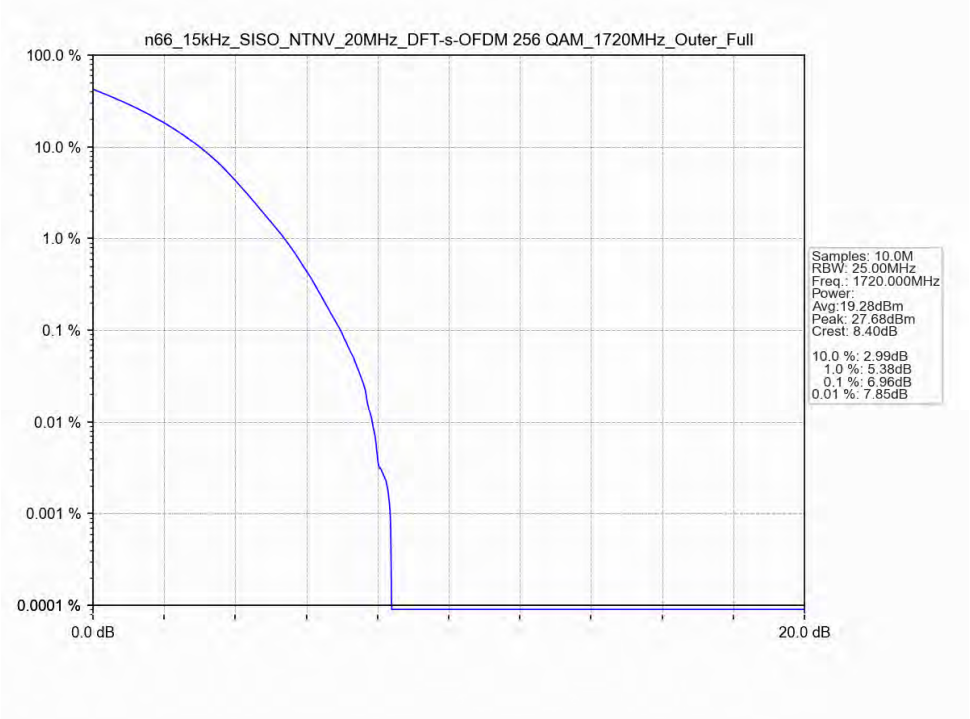
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1745MHz_Outer_Full



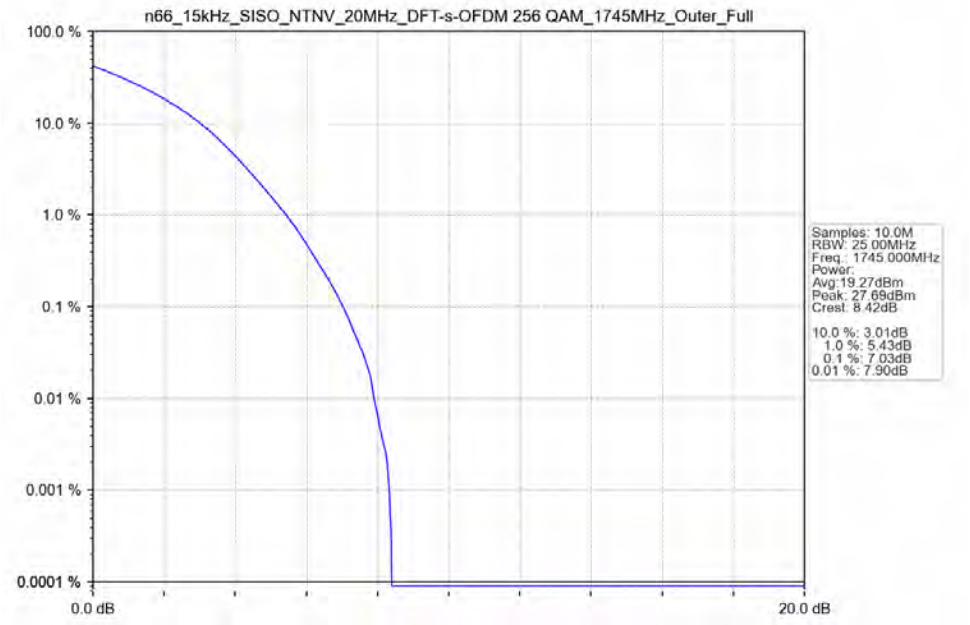

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_1770MHz_Outer_Full



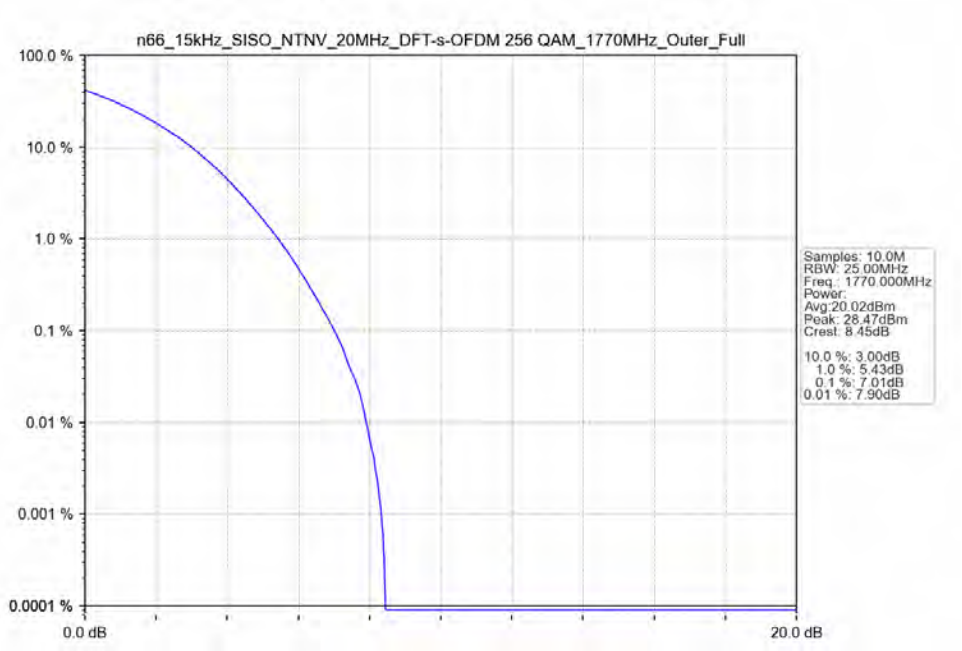
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1720MHz_Outer_Full



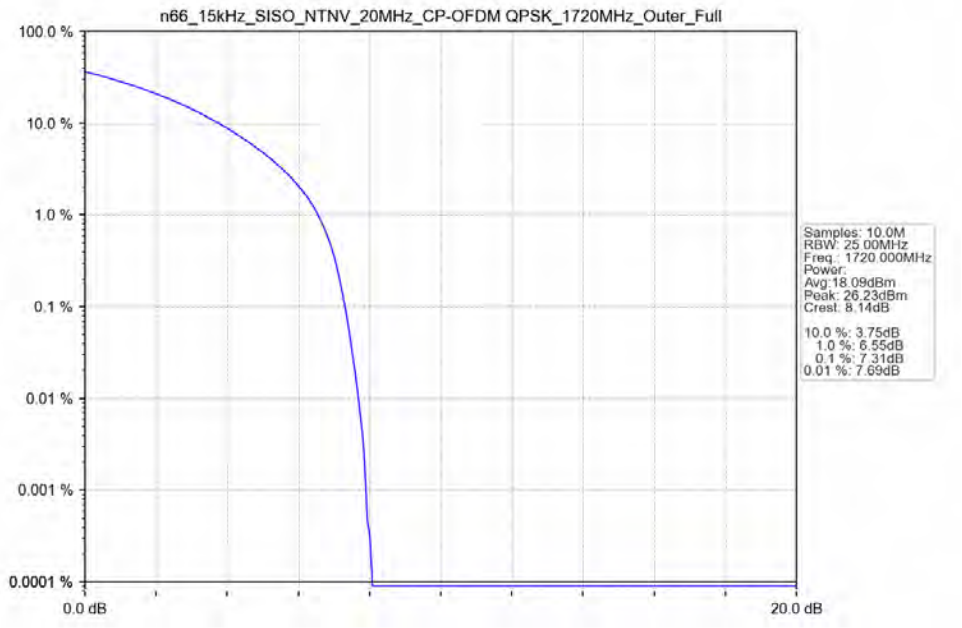

n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1745MHz_Outer_Full



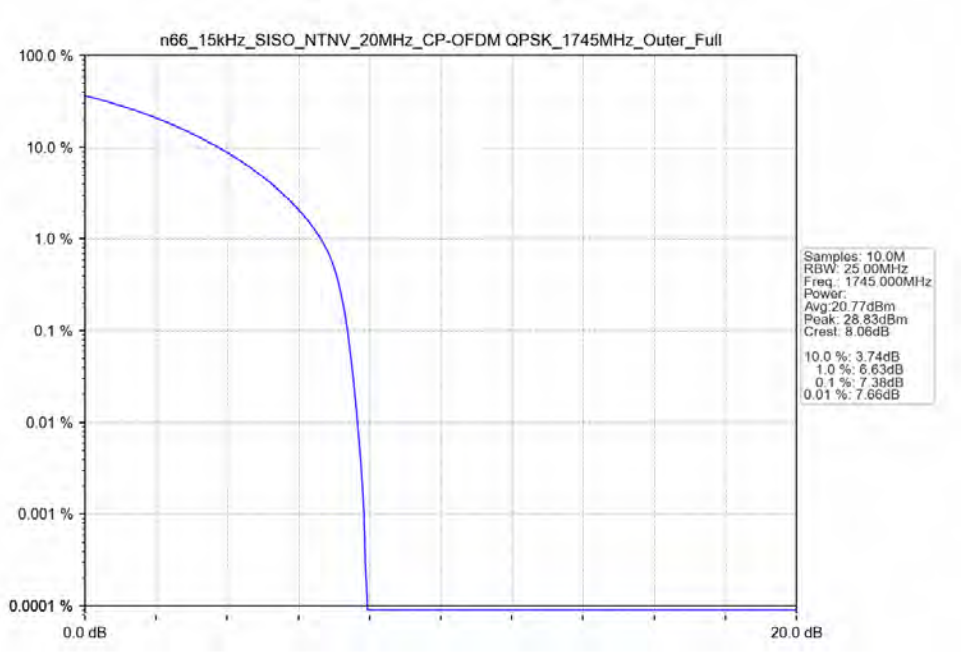
n66_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_1770MHz_Outer_Full



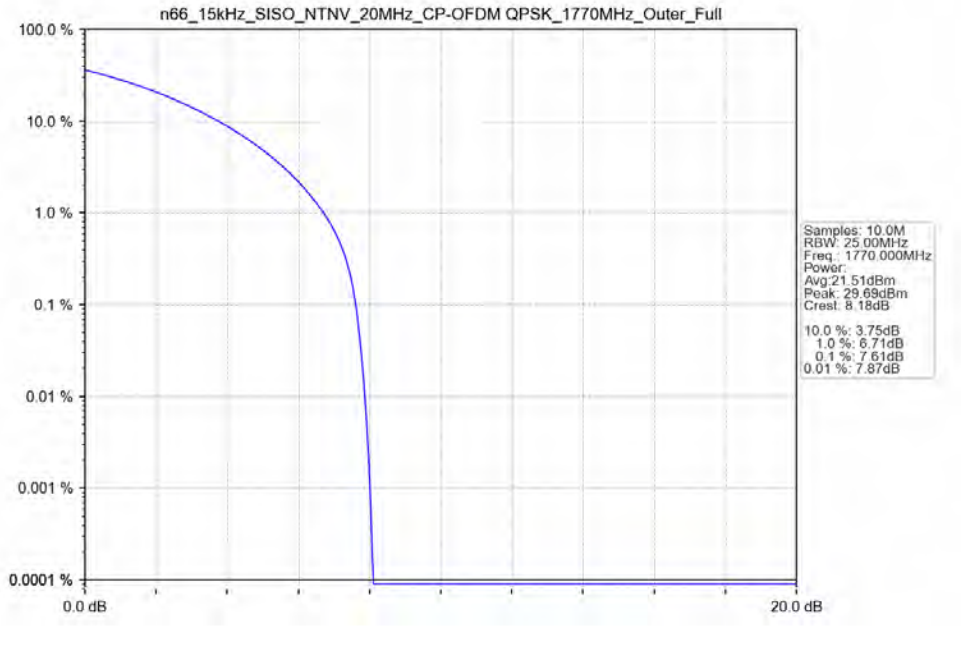

n66_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1720MHz_Outer_Full



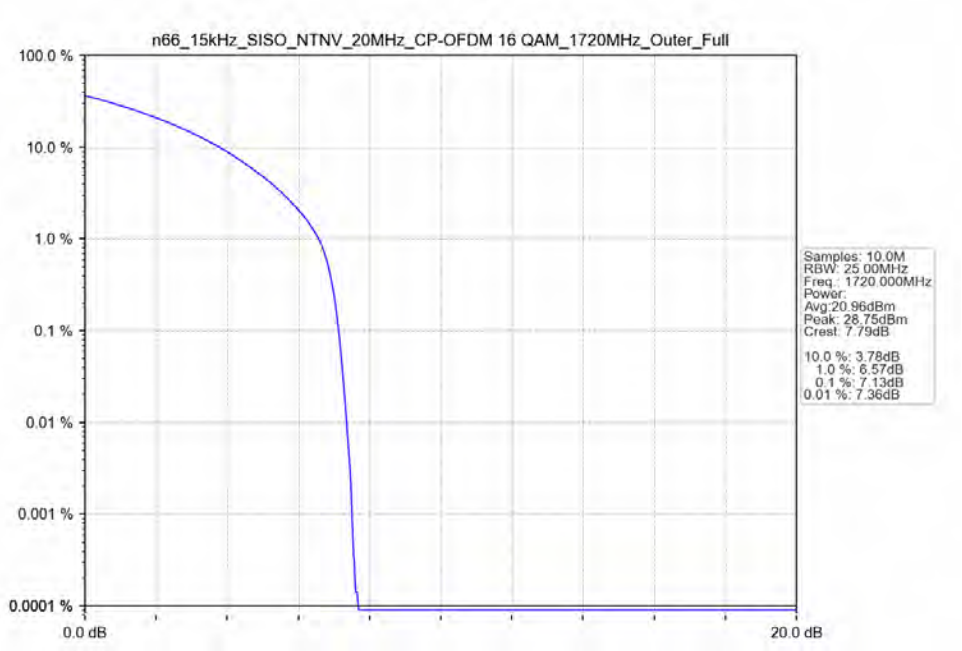
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1745MHz_Outer_Full



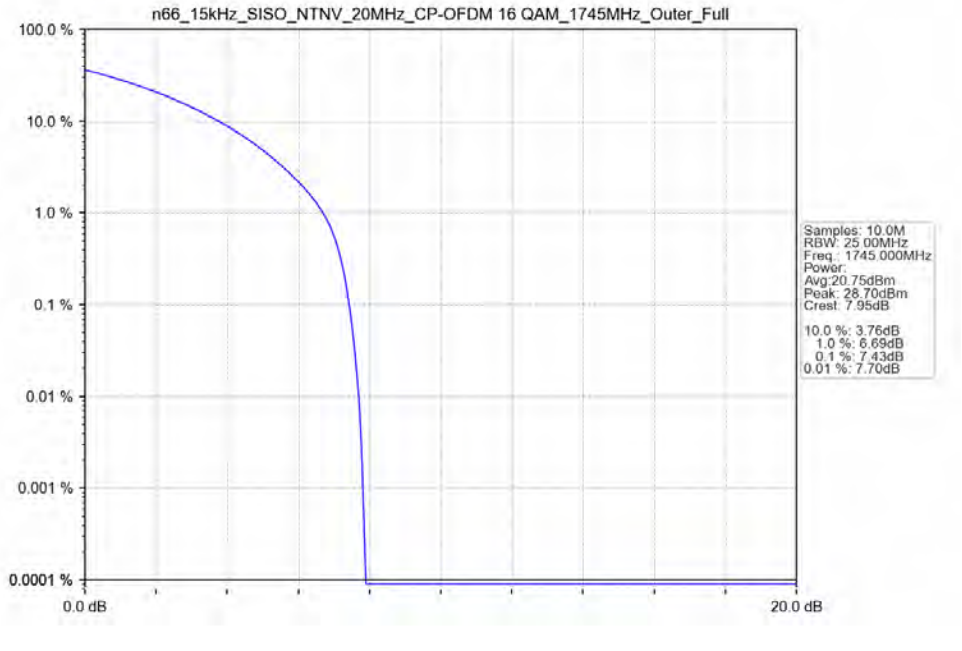

n66_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_1770MHz_Outer_Full



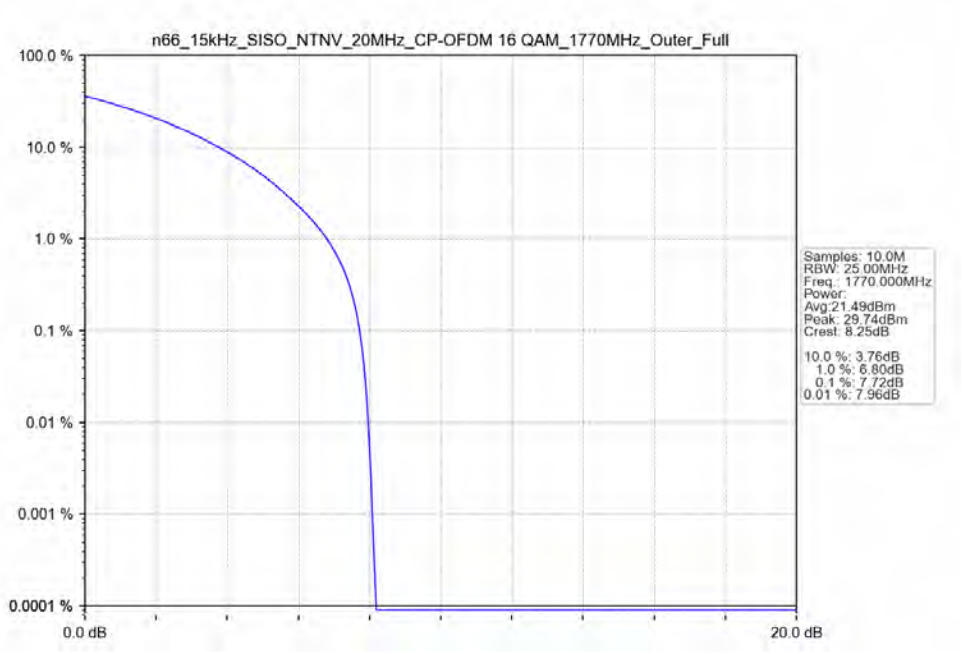
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1720MHz_Outer_Full



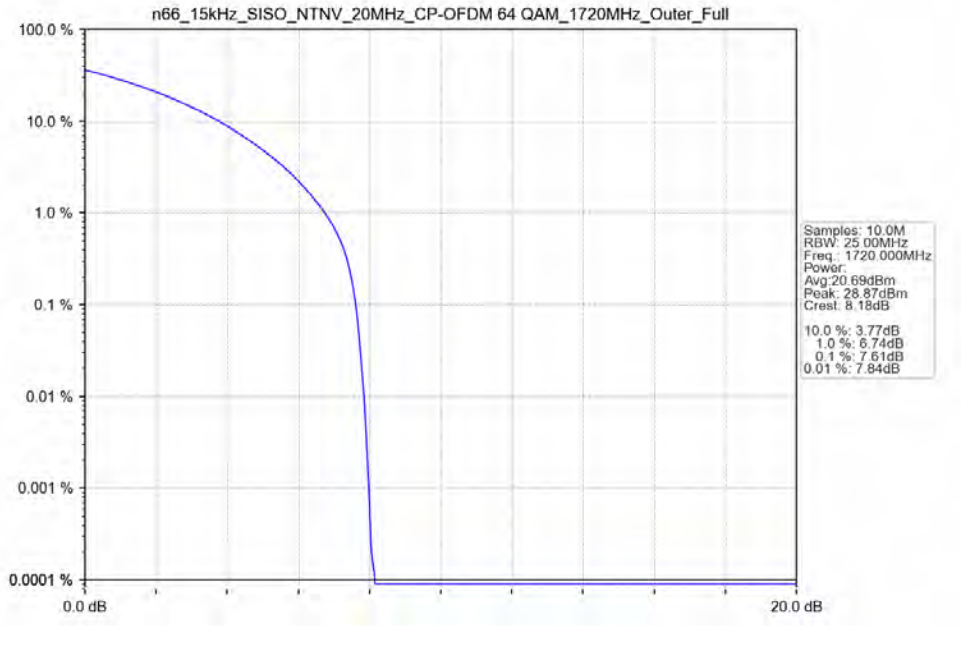

n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1745MHz_Outer_Full



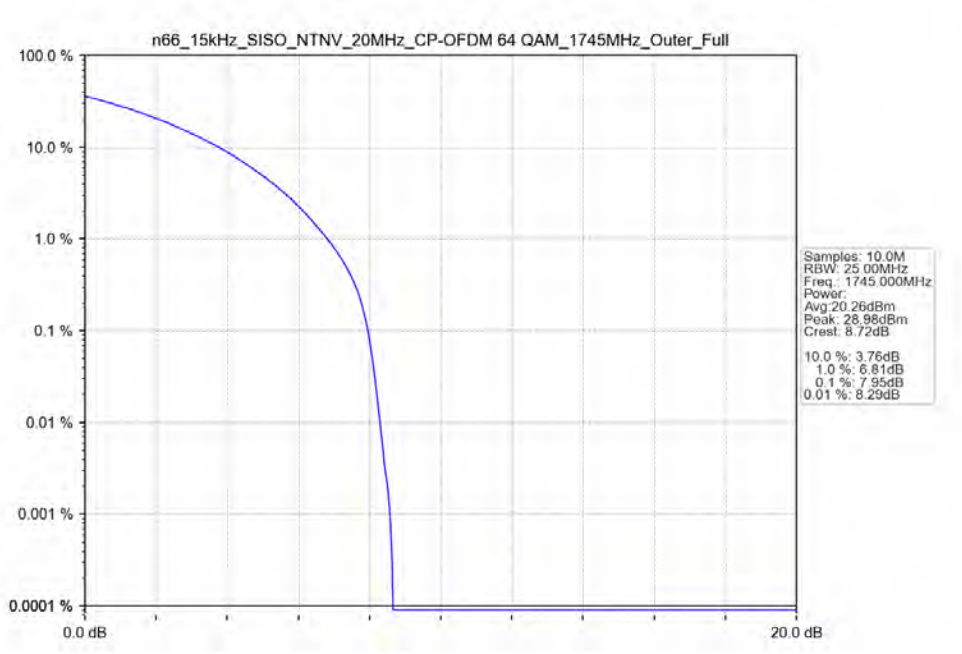
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_1770MHz_Outer_Full



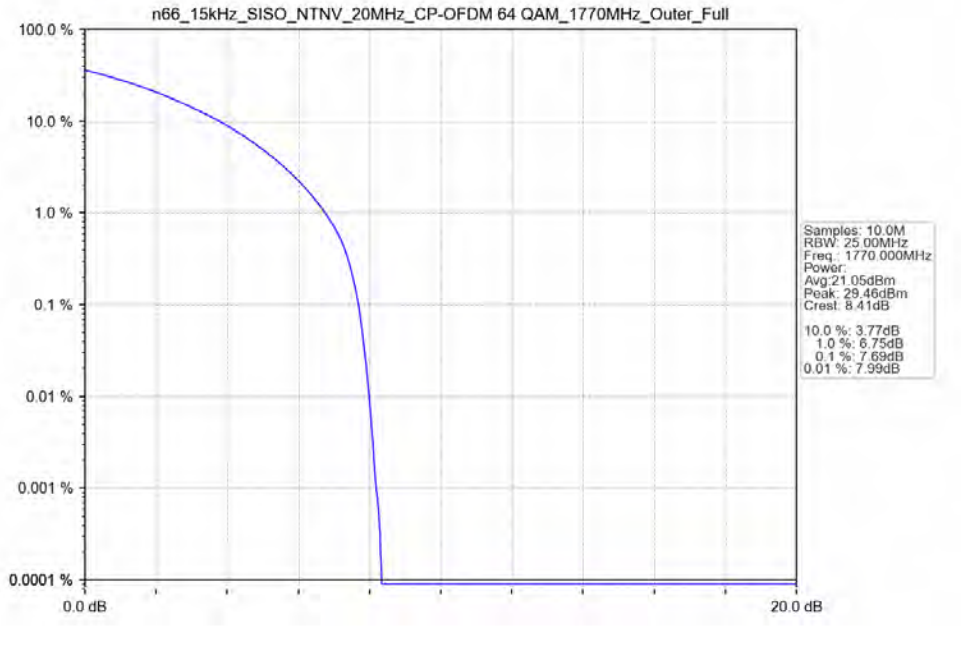

n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1720MHz_Outer_Full



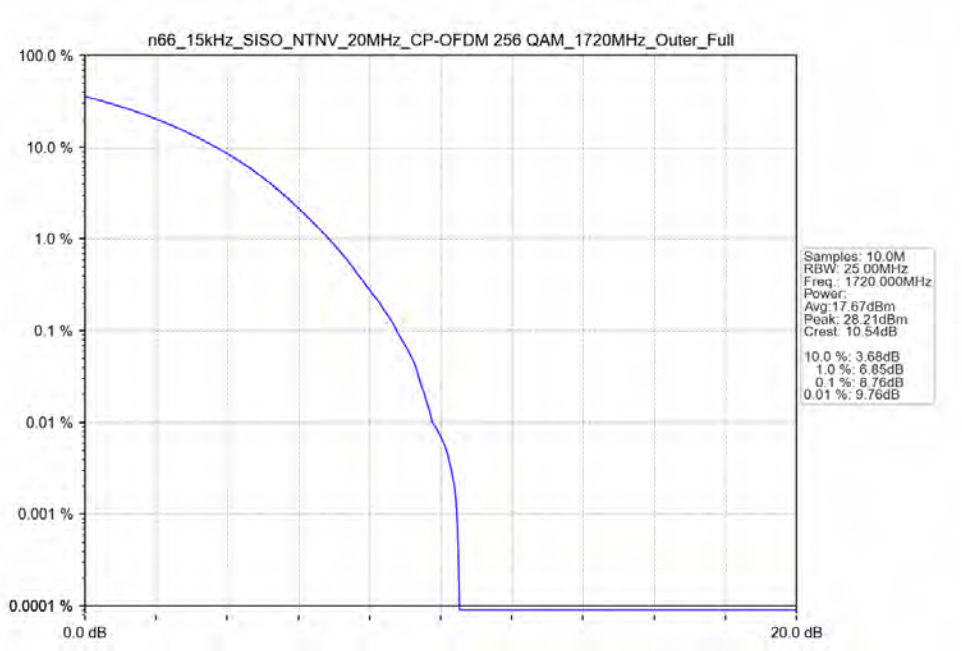
n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1745MHz_Outer_Full



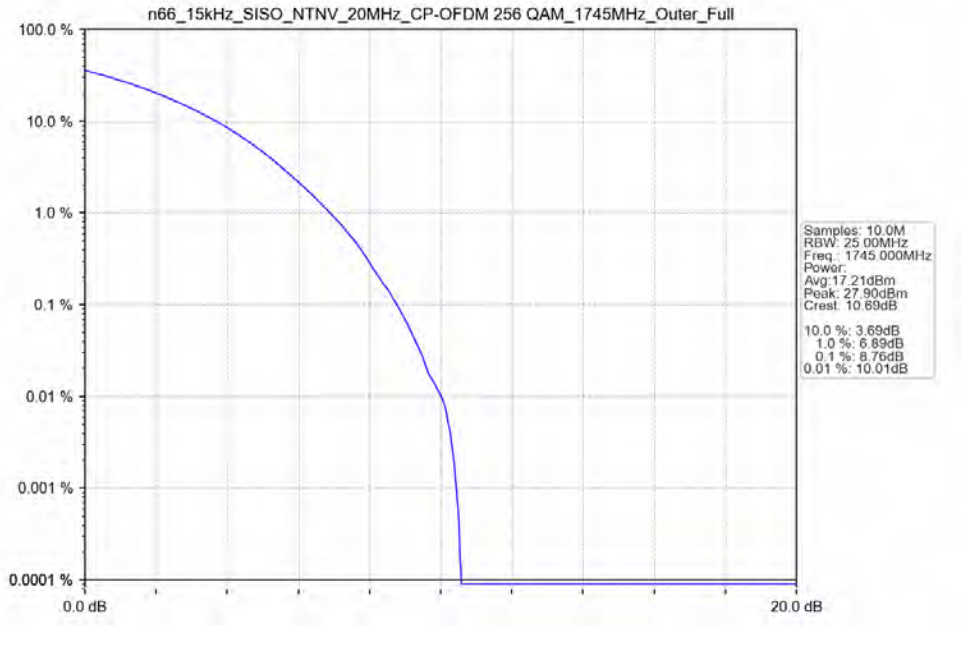

n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_1770MHz_Outer_Full



n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1720MHz_Outer_Full




n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1745MHz_Outer_Full



n66_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_1770MHz_Outer_Full