# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 30_S_10M_NTNV_EIRP

| 5G NR n41 SCS=30kHz 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 | 2501.01 | Outer_Full | 25.38 | / | / | 28.08 | / | / | <=33 | Pass |
| | | Inner_Full | 26.93 | / | / | 29.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.94 | / | / | 29.64 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.89 | / | / | 29.59 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.28 | / | / | 27.98 | / | / | <=33 | Pass |
| | | Inner_Full | 26.97 | / | / | 29.67 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.86 | / | / | 29.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.97 | / | / | 29.67 | / | / | <=33 | Pass |
| | 2685 | Outer_Full | 25.27 | / | / | 27.97 | / | / | <=33 | Pass |
| | | Inner_Full | 26.92 | / | / | 29.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.88 | / | / | 29.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.96 | / | / | 29.66 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2501.01 | Outer_Full | 24.79 | / | / | 27.49 | / | / | <=33 | Pass |
| | | Inner_Full | 26.94 | / | / | 29.64 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 27.06 | / | / | 29.76 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.95 | / | / | 29.65 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.80 | / | / | 27.50 | / | / | <=33 | Pass |
| | | Inner_Full | 26.92 | / | / | 29.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.94 | / | / | 29.64 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.14 | / | / | 29.84 | / | / | <=33 | Pass |
| | 2685 | Outer_Full | 24.77 | / | / | 27.47 | / | / | <=33 | Pass |
| | | Inner_Full | 26.90 | / | / | 29.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.91 | / | / | 29.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.08 | / | / | 29.78 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2501.01 | Outer_Full | 23.84 | / | / | 26.54 | / | / | <=33 | Pass |
| | | Inner_Full | 25.90 | / | / | 28.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.75 | / | / | 28.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.86 | / | / | 28.56 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.85 | / | / | 26.55 | / | / | <=33 | Pass |
| | | Inner_Full | 25.93 | / | / | 28.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.81 | / | / | 28.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.91 | / | / | 28.61 | / | / | <=33 | Pass |
| | 2685 | Outer_Full | 23.80 | / | / | 26.50 | / | / | <=33 | Pass |
| | | Inner_Full | 25.85 | / | / | 28.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.74 | / | / | 28.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.87 | / | / | 28.57 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2501.01 | Outer_Full | 23.35 | / | / | 26.05 | / | / | <=33 | Pass |
| | | Inner_Full | 23.78 | / | / | 26.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.89 | / | / | 26.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.92 | / | / | 26.62 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.40 | / | / | 26.10 | / | / | <=33 | Pass |
| | | Inner_Full | 23.77 | / | / | 26.47 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.85 | / | / | 26.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.94 | / | / | 26.64 | / | / | <=33 | Pass |
| | 2685 | Outer_Full | 23.40 | / | / | 26.10 | / | / | <=33 | Pass |
| | | Inner_Full | 23.78 | / | / | 26.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.82 | / | / | 26.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.96 | / | / | 26.66 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 | 2501.01 | Outer_Full | 21.29 | / | / | 23.99 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| QAM | | Inner_Full | 21.30 | / | / | 24.00 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.33 | / | / | 24.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.30 | / | / | 24.00 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.27 | / | / | 23.97 | / | / | <=33 | Pass |
| | | Inner_Full | 21.33 | / | / | 24.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.20 | / | / | 23.90 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.20 | / | / | 23.90 | / | / | <=33 | Pass |
| | 2685 | Outer_Full | 21.32 | / | / | 24.02 | / | / | <=33 | Pass |
| | | Inner_Full | 21.31 | / | / | 24.01 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.13 | / | / | 23.83 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.37 | / | / | 24.07 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2501.01 | Outer_Full | 22.86 | / | / | 25.56 | / | / | <=33 | Pass |
| | | Inner_Full | 24.78 | / | / | 27.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.85 | / | / | 27.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.75 | / | / | 27.45 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.94 | / | / | 25.64 | / | / | <=33 | Pass |
| | | Inner_Full | 24.82 | / | / | 27.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.86 | / | / | 27.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.05 | / | / | 27.75 | / | / | <=33 | Pass |
| | 2685 | Outer_Full | 22.85 | / | / | 25.55 | / | / | <=33 | Pass |
| | | Inner_Full | 24.90 | / | / | 27.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.70 | / | / | 27.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.77 | / | / | 27.47 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2501.01 | Outer_Full | 22.50 | / | / | 25.20 | / | / | <=33 | Pass |
| | | Inner_Full | 24.33 | / | / | 27.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.31 | / | / | 27.01 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.29 | / | / | 26.99 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.41 | / | / | 25.11 | / | / | <=33 | Pass |
| | | Inner_Full | 24.33 | / | / | 27.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.44 | / | / | 27.14 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.43 | / | / | 27.13 | / | / | <=33 | Pass |
| | 2685 | Outer_Full | 22.42 | / | / | 25.12 | / | / | <=33 | Pass |
| | | Inner_Full | 24.39 | / | / | 27.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.41 | / | / | 27.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.61 | / | / | 27.31 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2501.01 | Outer_Full | 22.32 | / | / | 25.02 | / | / | <=33 | Pass |
| | | Inner_Full | 22.82 | / | / | 25.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.93 | / | / | 25.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.93 | / | / | 25.63 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.33 | / | / | 25.03 | / | / | <=33 | Pass |
| | | Inner_Full | 22.78 | / | / | 25.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.02 | / | / | 25.72 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.11 | / | / | 25.81 | / | / | <=33 | Pass |
| | 2685 | Outer_Full | 22.33 | / | / | 25.03 | / | / | <=33 | Pass |
| | | Inner_Full | 22.84 | / | / | 25.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.99 | / | / | 25.69 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.14 | / | / | 25.84 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2501.01 | Outer_Full | 19.51 | / | / | 22.21 | / | / | <=33 | Pass |
| | | Inner_Full | 19.48 | / | / | 22.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.55 | / | / | 22.25 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.60 | / | / | 22.30 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.50 | / | / | 22.20 | / | / | <=33 | Pass |
| | | Inner_Full | 19.43 | / | / | 22.13 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.35 | / | / | 22.05 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.47 | / | / | 22.17 | / | / | <=33 | Pass |
| | 2685 | Outer_Full | 19.43 | / | / | 22.13 | / | / | <=33 | Pass |
| | | Inner_Full | 19.42 | / | / | 22.12 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.43 | / | / | 22.13 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.56 | / | / | 22.26 | / | / | <=33 | Pass |

Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi;
Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.2 30_S_15M_NTNV_EIRP

| 5G NR n41 SCS=30kHz 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 | 2503.5 | Outer_Full | 25.31 | / | / | 28.01 | / | / | <=33 | Pass |
| | | Inner_Full | 26.94 | / | / | 29.64 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.85 | / | / | 29.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.89 | / | / | 29.59 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.23 | / | / | 27.93 | / | / | <=33 | Pass |
| | | Inner_Full | 26.91 | / | / | 29.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.71 | / | / | 29.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.91 | / | / | 29.61 | / | / | <=33 | Pass |
| | 2682.48 | Outer_Full | 25.23 | / | / | 27.93 | / | / | <=33 | Pass |
| | | Inner_Full | 27.02 | / | / | 29.72 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.79 | / | / | 29.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.99 | / | / | 29.69 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2503.5 | Outer_Full | 24.74 | / | / | 27.44 | / | / | <=33 | Pass |
| | | Inner_Full | 26.86 | / | / | 29.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.95 | / | / | 29.65 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.96 | / | / | 29.66 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.73 | / | / | 27.43 | / | / | <=33 | Pass |
| | | Inner_Full | 26.89 | / | / | 29.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.93 | / | / | 29.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.99 | / | / | 29.69 | / | / | <=33 | Pass |
| | 2682.48 | Outer_Full | 24.73 | / | / | 27.43 | / | / | <=33 | Pass |
| | | Inner_Full | 27.00 | / | / | 29.70 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.86 | / | / | 29.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.96 | / | / | 29.66 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2503.5 | Outer_Full | 23.83 | / | / | 26.53 | / | / | <=33 | Pass |
| | | Inner_Full | 25.91 | / | / | 28.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.76 | / | / | 28.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.75 | / | / | 28.45 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.85 | / | / | 26.55 | / | / | <=33 | Pass |
| | | Inner_Full | 25.82 | / | / | 28.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.72 | / | / | 28.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.84 | / | / | 28.54 | / | / | <=33 | Pass |
| | 2682.48 | Outer_Full | 23.81 | / | / | 26.51 | / | / | <=33 | Pass |
| | | Inner_Full | 25.76 | / | / | 28.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.76 | / | / | 28.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.87 | / | / | 28.57 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2503.5 | Outer_Full | 23.29 | / | / | 25.99 | / | / | <=33 | Pass |
| | | Inner_Full | 23.80 | / | / | 26.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.87 | / | / | 26.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.85 | / | / | 26.55 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.30 | / | / | 26.00 | / | / | <=33 | Pass |
| | | Inner_Full | 23.82 | / | / | 26.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.75 | / | / | 26.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.86 | / | / | 26.56 | / | / | <=33 | Pass |
| | 2682.48 | Outer_Full | 23.31 | / | / | 26.01 | / | / | <=33 | Pass |
| | | Inner_Full | 23.83 | / | / | 26.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.81 | / | / | 26.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.97 | / | / | 26.67 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2503.5 | Outer_Full | 21.26 | / | / | 23.96 | / | / | <=33 | Pass |
| | | Inner_Full | 21.21 | / | / | 23.91 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.21 | / | / | 23.91 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.21 | / | / | 23.91 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.24 | / | / | 23.94 | / | / | <=33 | Pass |
| | | Inner_Full | 21.26 | / | / | 23.96 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.21 | / | / | 23.91 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.33 | / | / | 24.03 | / | / | <=33 | Pass |
| | 2682.48 | Outer_Full | 21.27 | / | / | 23.97 | / | / | <=33 | Pass |
| | | Inner_Full | 21.28 | / | / | 23.98 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.17 | / | / | 23.87 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.25 | / | / | 23.95 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2503.5 | Outer_Full | 22.87 | / | / | 25.57 | / | / | <=33 | Pass |
| | | Inner_Full | 24.92 | / | / | 27.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.64 | / | / | 27.34 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.71 | / | / | 27.41 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.89 | / | / | 25.59 | / | / | <=33 | Pass |
| | | Inner_Full | 25.01 | / | / | 27.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.85 | / | / | 27.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.01 | / | / | 27.71 | / | / | <=33 | Pass |
| | 2682.48 | Outer_Full | 22.91 | / | / | 25.61 | / | / | <=33 | Pass |
| | | Inner_Full | 25.02 | / | / | 27.72 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.76 | / | / | 27.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.81 | / | / | 27.51 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2503.5 | Outer_Full | 22.43 | / | / | 25.13 | / | / | <=33 | Pass |
| | | Inner_Full | 24.39 | / | / | 27.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.30 | / | / | 27.00 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.28 | / | / | 26.98 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.39 | / | / | 25.09 | / | / | <=33 | Pass |
| | | Inner_Full | 24.42 | / | / | 27.12 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.32 | / | / | 27.02 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.57 | / | / | 27.27 | / | / | <=33 | Pass |
| | 2682.48 | Outer_Full | 22.45 | / | / | 25.15 | / | / | <=33 | Pass |
| | | Inner_Full | 24.33 | / | / | 27.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.30 | / | / | 27.00 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.50 | / | / | 27.20 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2503.5 | Outer_Full | 22.29 | / | / | 24.99 | / | / | <=33 | Pass |
| | | Inner_Full | 22.85 | / | / | 25.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.97 | / | / | 25.67 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.00 | / | / | 25.70 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.26 | / | / | 24.96 | / | / | <=33 | Pass |
| | | Inner_Full | 22.82 | / | / | 25.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.95 | / | / | 25.65 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.13 | / | / | 25.83 | / | / | <=33 | Pass |
| | 2682.48 | Outer_Full | 22.35 | / | / | 25.05 | / | / | <=33 | Pass |
| | | Inner_Full | 22.81 | / | / | 25.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.92 | / | / | 25.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.11 | / | / | 25.81 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2503.5 | Outer_Full | 19.48 | / | / | 22.18 | / | / | <=33 | Pass |
| | | Inner_Full | 19.44 | / | / | 22.14 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.39 | / | / | 22.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.39 | / | / | 22.09 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.50 | / | / | 22.20 | / | / | <=33 | Pass |
| | | Inner_Full | 19.44 | / | / | 22.14 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.45 | / | / | 22.15 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.37 | / | / | 22.07 | / | / | <=33 | Pass |
| | 2682.48 | Outer_Full | 19.47 | / | / | 22.17 | / | / | <=33 | Pass |
| | | Inner_Full | 19.46 | / | / | 22.16 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.35 | / | / | 22.05 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.37 | / | / | 22.07 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.3 30_S_20M_NTNV_EIRP

| 5G NR n41 SCS=30kHz 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 | 2506.02 | Outer_Full | 25.33 | / | / | 28.03 | / | / | <=33 | Pass |
| | | Inner_Full | 26.80 | / | / | 29.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.79 | / | / | 29.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.87 | / | / | 29.57 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.33 | / | / | 28.03 | / | / | <=33 | Pass |
| | | Inner_Full | 26.83 | / | / | 29.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.64 | / | / | 29.34 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.90 | / | / | 29.60 | / | / | <=33 | Pass |
| | 2679.99 | Outer_Full | 25.35 | / | / | 28.05 | / | / | <=33 | Pass |
| | | Inner_Full | 26.87 | / | / | 29.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.79 | / | / | 29.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.94 | / | / | 29.64 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2506.02 | Outer_Full | 24.83 | / | / | 27.53 | / | / | <=33 | Pass |
| | | Inner_Full | 26.71 | / | / | 29.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.81 | / | / | 29.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.82 | / | / | 29.52 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.89 | / | / | 27.59 | / | / | <=33 | Pass |
| | | Inner_Full | 26.82 | / | / | 29.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.56 | / | / | 29.26 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.95 | / | / | 29.65 | / | / | <=33 | Pass |
| | 2679.99 | Outer_Full | 24.90 | / | / | 27.60 | / | / | <=33 | Pass |
| | | Inner_Full | 26.85 | / | / | 29.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.86 | / | / | 29.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.93 | / | / | 29.63 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2506.02 | Outer_Full | 23.72 | / | / | 26.42 | / | / | <=33 | Pass |
| | | Inner_Full | 25.76 | / | / | 28.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.69 | / | / | 28.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.68 | / | / | 28.38 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.76 | / | / | 26.46 | / | / | <=33 | Pass |
| | | Inner_Full | 25.78 | / | / | 28.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.57 | / | / | 28.27 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.82 | / | / | 28.52 | / | / | <=33 | Pass |
| | 2679.99 | Outer_Full | 23.83 | / | / | 26.53 | / | / | <=33 | Pass |
| | | Inner_Full | 25.78 | / | / | 28.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.75 | / | / | 28.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.85 | / | / | 28.55 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2506.02 | Outer_Full | 23.28 | / | / | 25.98 | / | / | <=33 | Pass |
| | | Inner_Full | 23.79 | / | / | 26.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.64 | / | / | 26.34 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.62 | / | / | 26.32 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.34 | / | / | 26.04 | / | / | <=33 | Pass |
| | | Inner_Full | 23.84 | / | / | 26.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.63 | / | / | 26.33 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.81 | / | / | 26.51 | / | / | <=33 | Pass |
| | 2679.99 | Outer_Full | 23.30 | / | / | 26.00 | / | / | <=33 | Pass |
| | | Inner_Full | 23.83 | / | / | 26.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.73 | / | / | 26.43 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.88 | / | / | 26.58 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2506.02 | Outer_Full | 21.19 | / | / | 23.89 | / | / | <=33 | Pass |
| | | Inner_Full | 21.19 | / | / | 23.89 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.19 | / | / | 23.89 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.07 | / | / | 23.77 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.26 | / | / | 23.96 | / | / | <=33 | Pass |
| | | Inner_Full | 21.27 | / | / | 23.97 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.07 | / | / | 23.77 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.32 | / | / | 24.02 | / | / | <=33 | Pass |
| | 2679.99 | Outer_Full | 21.35 | / | / | 24.05 | / | / | <=33 | Pass |
| | | Inner_Full | 21.26 | / | / | 23.96 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.10 | / | / | 23.80 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.25 | / | / | 23.95 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2506.02 | Outer_Full | 22.80 | / | / | 25.50 | / | / | <=33 | Pass |
| | | Inner_Full | 24.83 | / | / | 27.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.61 | / | / | 27.31 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.68 | / | / | 27.38 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.88 | / | / | 25.58 | / | / | <=33 | Pass |
| | | Inner_Full | 24.87 | / | / | 27.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.58 | / | / | 27.28 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.73 | / | / | 27.43 | / | / | <=33 | Pass |
| | 2679.99 | Outer_Full | 22.88 | / | / | 25.58 | / | / | <=33 | Pass |
| | | Inner_Full | 24.87 | / | / | 27.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.75 | / | / | 27.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.64 | / | / | 27.34 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2506.02 | Outer_Full | 22.21 | / | / | 24.91 | / | / | <=33 | Pass |
| | | Inner_Full | 24.36 | / | / | 27.06 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.51 | / | / | 27.21 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.24 | / | / | 26.94 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.23 | / | / | 24.93 | / | / | <=33 | Pass |
| | | Inner_Full | 24.39 | / | / | 27.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.26 | / | / | 26.96 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.48 | / | / | 27.18 | / | / | <=33 | Pass |
| | 2679.99 | Outer_Full | 22.31 | / | / | 25.01 | / | / | <=33 | Pass |
| | | Inner_Full | 24.28 | / | / | 26.98 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.15 | / | / | 26.85 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.09 | / | / | 26.79 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2506.02 | Outer_Full | 22.28 | / | / | 24.98 | / | / | <=33 | Pass |
| | | Inner_Full | 22.80 | / | / | 25.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.89 | / | / | 25.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.94 | / | / | 25.64 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.26 | / | / | 24.96 | / | / | <=33 | Pass |
| | | Inner_Full | 22.84 | / | / | 25.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.68 | / | / | 25.38 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.92 | / | / | 25.62 | / | / | <=33 | Pass |
| | 2679.99 | Outer_Full | 22.37 | / | / | 25.07 | / | / | <=33 | Pass |
| | | Inner_Full | 22.83 | / | / | 25.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.99 | / | / | 25.69 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.08 | / | / | 25.78 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2506.02 | Outer_Full | 19.43 | / | / | 22.13 | / | / | <=33 | Pass |
| | | Inner_Full | 19.41 | / | / | 22.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.27 | / | / | 21.97 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.29 | / | / | 21.99 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.45 | / | / | 22.15 | / | / | <=33 | Pass |
| | | Inner_Full | 19.41 | / | / | 22.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.30 | / | / | 22.00 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.36 | / | / | 22.06 | / | / | <=33 | Pass |
| | 2679.99 | Outer_Full | 19.44 | / | / | 22.14 | / | / | <=33 | Pass |
| | | Inner_Full | 19.45 | / | / | 22.15 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.34 | / | / | 22.04 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.41 | / | / | 22.11 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.4 30_S_25M_NTNV_EIRP

| 5G NR n41 SCS=30kHz SISO 25MHz 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 | 2508.51 | Outer_Full | 25.27 | / | / | 27.97 | / | / | <=33 | Pass |
| | | Inner_Full | 26.88 | / | / | 29.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.89 | / | / | 29.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.95 | / | / | 29.65 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.24 | / | / | 27.94 | / | / | <=33 | Pass |
| | | Inner_Full | 26.81 | / | / | 29.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.68 | / | / | 29.38 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.94 | / | / | 29.64 | / | / | <=33 | Pass |
| | 2677.5 | Outer_Full | 25.34 | / | / | 28.04 | / | / | <=33 | Pass |
| | | Inner_Full | 26.86 | / | / | 29.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.94 | / | / | 29.64 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.00 | / | / | 29.70 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2508.51 | Outer_Full | 24.77 | / | / | 27.47 | / | / | <=33 | Pass |
| | | Inner_Full | 26.81 | / | / | 29.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 27.02 | / | / | 29.72 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.01 | / | / | 29.71 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.81 | / | / | 27.51 | / | / | <=33 | Pass |
| | | Inner_Full | 26.92 | / | / | 29.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.91 | / | / | 29.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.93 | / | / | 29.63 | / | / | <=33 | Pass |
| | 2677.5 | Outer_Full | 24.89 | / | / | 27.59 | / | / | <=33 | Pass |
| | | Inner_Full | 26.85 | / | / | 29.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 27.06 | / | / | 29.76 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.24 | / | / | 29.94 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2508.51 | Outer_Full | 23.82 | / | / | 26.52 | / | / | <=33 | Pass |
| | | Inner_Full | 25.82 | / | / | 28.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.93 | / | / | 28.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.79 | / | / | 28.49 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.84 | / | / | 26.54 | / | / | <=33 | Pass |
| | | Inner_Full | 25.85 | / | / | 28.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.76 | / | / | 28.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.91 | / | / | 28.61 | / | / | <=33 | Pass |
| | 2677.5 | Outer_Full | 23.95 | / | / | 26.65 | / | / | <=33 | Pass |
| | | Inner_Full | 25.81 | / | / | 28.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.99 | / | / | 28.69 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.10 | / | / | 28.80 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2508.51 | Outer_Full | 23.34 | / | / | 26.04 | / | / | <=33 | Pass |
| | | Inner_Full | 23.83 | / | / | 26.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.78 | / | / | 26.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.82 | / | / | 26.52 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.33 | / | / | 26.03 | / | / | <=33 | Pass |
| | | Inner_Full | 23.87 | / | / | 26.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.66 | / | / | 26.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.84 | / | / | 26.54 | / | / | <=33 | Pass |
| | 2677.5 | Outer_Full | 23.42 | / | / | 26.12 | / | / | <=33 | Pass |
| | | Inner_Full | 23.83 | / | / | 26.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.91 | / | / | 26.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.93 | / | / | 26.63 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2508.51 | Outer_Full | 21.32 | / | / | 24.02 | / | / | <=33 | Pass |
| | | Inner_Full | 21.26 | / | / | 23.96 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.21 | / | / | 23.91 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.21 | / | / | 23.91 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.36 | / | / | 24.06 | / | / | <=33 | Pass |
| | | Inner_Full | 21.35 | / | / | 24.05 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.17 | / | / | 23.87 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.28 | / | / | 23.98 | / | / | <=33 | Pass |
| | 2677.5 | Outer_Full | 21.42 | / | / | 24.12 | / | / | <=33 | Pass |
| | | Inner_Full | 21.33 | / | / | 24.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.34 | / | / | 24.04 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.29 | / | / | 23.99 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2508.51 | Outer_Full | 22.89 | / | / | 25.59 | / | / | <=33 | Pass |
| | | Inner_Full | 24.84 | / | / | 27.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.86 | / | / | 27.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.82 | / | / | 27.52 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.91 | / | / | 25.61 | / | / | <=33 | Pass |
| | | Inner_Full | 25.02 | / | / | 27.72 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.82 | / | / | 27.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.20 | / | / | 27.90 | / | / | <=33 | Pass |
| | 2677.5 | Outer_Full | 22.97 | / | / | 25.67 | / | / | <=33 | Pass |
| | | Inner_Full | 24.97 | / | / | 27.67 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.00 | / | / | 27.70 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.33 | / | / | 28.03 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2508.51 | Outer_Full | 22.33 | / | / | 25.03 | / | / | <=33 | Pass |
| | | Inner_Full | 24.27 | / | / | 26.97 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.55 | / | / | 27.25 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.81 | / | / | 27.51 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.38 | / | / | 25.08 | / | / | <=33 | Pass |
| | | Inner_Full | 24.29 | / | / | 26.99 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.44 | / | / | 27.14 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.74 | / | / | 27.44 | / | / | <=33 | Pass |
| | 2677.5 | Outer_Full | 22.42 | / | / | 25.12 | / | / | <=33 | Pass |
| | | Inner_Full | 24.39 | / | / | 27.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.53 | / | / | 27.23 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.70 | / | / | 27.40 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2508.51 | Outer_Full | 22.32 | / | / | 25.02 | / | / | <=33 | Pass |
| | | Inner_Full | 22.87 | / | / | 25.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.92 | / | / | 25.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.08 | / | / | 25.78 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.34 | / | / | 25.04 | / | / | <=33 | Pass |
| | | Inner_Full | 22.86 | / | / | 25.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.93 | / | / | 25.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.04 | / | / | 25.74 | / | / | <=33 | Pass |
| | 2677.5 | Outer_Full | 22.38 | / | / | 25.08 | / | / | <=33 | Pass |
| | | Inner_Full | 22.90 | / | / | 25.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.04 | / | / | 25.74 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.16 | / | / | 25.86 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2508.51 | Outer_Full | 19.48 | / | / | 22.18 | / | / | <=33 | Pass |
| | | Inner_Full | 19.50 | / | / | 22.20 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.51 | / | / | 22.21 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.54 | / | / | 22.24 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.40 | / | / | 22.10 | / | / | <=33 | Pass |
| | | Inner_Full | 19.55 | / | / | 22.25 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.29 | / | / | 21.99 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.38 | / | / | 22.08 | / | / | <=33 | Pass |
| | 2677.5 | Outer_Full | 19.49 | / | / | 22.19 | / | / | <=33 | Pass |
| | | Inner_Full | 19.43 | / | / | 22.13 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.55 | / | / | 22.25 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.63 | / | / | 22.33 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.5 30_S_30M_NTNV_EIRP

| 5G NR n41 SCS=30kHz SISO 30MHz 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 | 2511 | Outer_Full | 25.27 | / | / | 27.97 | / | / | <=33 | Pass |
| | | Inner_Full | 26.83 | / | / | 29.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.81 | / | / | 29.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.02 | / | / | 29.72 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.34 | / | / | 28.04 | / | / | <=33 | Pass |
| | | Inner_Full | 26.90 | / | / | 29.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.82 | / | / | 29.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.95 | / | / | 29.65 | / | / | <=33 | Pass |
| | 2674.98 | Outer_Full | 25.27 | / | / | 27.97 | / | / | <=33 | Pass |
| | | Inner_Full | 26.87 | / | / | 29.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.88 | / | / | 29.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.99 | / | / | 29.69 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2511 | Outer_Full | 24.80 | / | / | 27.50 | / | / | <=33 | Pass |
| | | Inner_Full | 26.83 | / | / | 29.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.82 | / | / | 29.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.96 | / | / | 29.66 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.83 | / | / | 27.53 | / | / | <=33 | Pass |
| | | Inner_Full | 26.90 | / | / | 29.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.80 | / | / | 29.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.93 | / | / | 29.63 | / | / | <=33 | Pass |
| | 2674.98 | Outer_Full | 24.82 | / | / | 27.52 | / | / | <=33 | Pass |
| | | Inner_Full | 26.87 | / | / | 29.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 27.00 | / | / | 29.70 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.08 | / | / | 29.78 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2511 | Outer_Full | 23.77 | / | / | 26.47 | / | / | <=33 | Pass |
| | | Inner_Full | 25.81 | / | / | 28.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.70 | / | / | 28.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.84 | / | / | 28.54 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.73 | / | / | 26.43 | / | / | <=33 | Pass |
| | | Inner_Full | 25.71 | / | / | 28.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.67 | / | / | 28.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.80 | / | / | 28.50 | / | / | <=33 | Pass |
| | 2674.98 | Outer_Full | 23.82 | / | / | 26.52 | / | / | <=33 | Pass |
| | | Inner_Full | 25.69 | / | / | 28.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.79 | / | / | 28.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.85 | / | / | 28.55 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2511 | Outer_Full | 23.36 | / | / | 26.06 | / | / | <=33 | Pass |
| | | Inner_Full | 23.71 | / | / | 26.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.84 | / | / | 26.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.94 | / | / | 26.64 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.26 | / | / | 25.96 | / | / | <=33 | Pass |
| | | Inner_Full | 23.88 | / | / | 26.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.89 | / | / | 26.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.94 | / | / | 26.64 | / | / | <=33 | Pass |
| | 2674.98 | Outer_Full | 23.33 | / | / | 26.03 | / | / | <=33 | Pass |
| | | Inner_Full | 23.81 | / | / | 26.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.88 | / | / | 26.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.81 | / | / | 26.51 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2511 | Outer_Full | 21.32 | / | / | 24.02 | / | / | <=33 | Pass |
| | | Inner_Full | 21.23 | / | / | 23.93 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.17 | / | / | 23.87 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.31 | / | / | 24.01 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.36 | / | / | 24.06 | / | / | <=33 | Pass |
| | | Inner_Full | 21.28 | / | / | 23.98 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.21 | / | / | 23.91 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.19 | / | / | 23.89 | / | / | <=33 | Pass |
| | 2674.98 | Outer_Full | 21.34 | / | / | 24.04 | / | / | <=33 | Pass |
| | | Inner_Full | 21.26 | / | / | 23.96 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.31 | / | / | 24.01 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.16 | / | / | 23.86 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2511 | Outer_Full | 22.80 | / | / | 25.50 | / | / | <=33 | Pass |
| | | Inner_Full | 24.87 | / | / | 27.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.74 | / | / | 27.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.97 | / | / | 27.67 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.81 | / | / | 25.51 | / | / | <=33 | Pass |
| | | Inner_Full | 24.95 | / | / | 27.65 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.83 | / | / | 27.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.75 | / | / | 27.45 | / | / | <=33 | Pass |
| | 2674.98 | Outer_Full | 22.82 | / | / | 25.52 | / | / | <=33 | Pass |
| | | Inner_Full | 24.82 | / | / | 27.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.80 | / | / | 27.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.88 | / | / | 27.58 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2511 | Outer_Full | 22.29 | / | / | 24.99 | / | / | <=33 | Pass |
| | | Inner_Full | 24.29 | / | / | 26.99 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.51 | / | / | 27.21 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.75 | / | / | 27.45 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.27 | / | / | 24.97 | / | / | <=33 | Pass |
| | | Inner_Full | 24.37 | / | / | 27.07 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.33 | / | / | 27.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.42 | / | / | 27.12 | / | / | <=33 | Pass |
| | 2674.98 | Outer_Full | 22.32 | / | / | 25.02 | / | / | <=33 | Pass |
| | | Inner_Full | 24.40 | / | / | 27.10 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.47 | / | / | 27.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.69 | / | / | 27.39 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2511 | Outer_Full | 22.31 | / | / | 25.01 | / | / | <=33 | Pass |
| | | Inner_Full | 22.78 | / | / | 25.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.92 | / | / | 25.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.98 | / | / | 25.68 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.21 | / | / | 24.91 | / | / | <=33 | Pass |
| | | Inner_Full | 22.85 | / | / | 25.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.93 | / | / | 25.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.97 | / | / | 25.67 | / | / | <=33 | Pass |
| | 2674.98 | Outer_Full | 22.39 | / | / | 25.09 | / | / | <=33 | Pass |
| | | Inner_Full | 22.80 | / | / | 25.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.90 | / | / | 25.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.94 | / | / | 25.64 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2511 | Outer_Full | 19.46 | / | / | 22.16 | / | / | <=33 | Pass |
| | | Inner_Full | 19.43 | / | / | 22.13 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.36 | / | / | 22.06 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.34 | / | / | 22.04 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.45 | / | / | 22.15 | / | / | <=33 | Pass |
| | | Inner_Full | 19.44 | / | / | 22.14 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.30 | / | / | 22.00 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.48 | / | / | 22.18 | / | / | <=33 | Pass |
| | 2674.98 | Outer_Full | 19.49 | / | / | 22.19 | / | / | <=33 | Pass |
| | | Inner_Full | 19.42 | / | / | 22.12 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.35 | / | / | 22.05 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.37 | / | / | 22.07 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.6 30_S_35M_NTNV_EIRP

| 5G NR n41 SCS=30kHz SISO 35MHz 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 | 2513.52 | Outer_Full | 25.28 | / | / | 27.98 | / | / | <=33 | Pass |
| | | Inner_Full | 26.77 | / | / | 29.47 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.79 | / | / | 29.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.87 | / | / | 29.57 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.24 | / | / | 27.94 | / | / | <=33 | Pass |
| | | Inner_Full | 26.82 | / | / | 29.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.58 | / | / | 29.28 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.79 | / | / | 29.49 | / | / | <=33 | Pass |
| | 2672.49 | Outer_Full | 25.23 | / | / | 27.93 | / | / | <=33 | Pass |
| | | Inner_Full | 26.83 | / | / | 29.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.60 | / | / | 29.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.77 | / | / | 29.47 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2513.52 | Outer_Full | 24.83 | / | / | 27.53 | / | / | <=33 | Pass |
| | | Inner_Full | 26.79 | / | / | 29.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.77 | / | / | 29.47 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.89 | / | / | 29.59 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.69 | / | / | 27.39 | / | / | <=33 | Pass |
| | | Inner_Full | 26.78 | / | / | 29.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.61 | / | / | 29.31 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.86 | / | / | 29.56 | / | / | <=33 | Pass |
| | 2672.49 | Outer_Full | 24.78 | / | / | 27.48 | / | / | <=33 | Pass |
| | | Inner_Full | 26.80 | / | / | 29.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.56 | / | / | 29.26 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.77 | / | / | 29.47 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2513.52 | Outer_Full | 23.86 | / | / | 26.56 | / | / | <=33 | Pass |
| | | Inner_Full | 25.67 | / | / | 28.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.82 | / | / | 28.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.80 | / | / | 28.50 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.82 | / | / | 26.52 | / | / | <=33 | Pass |
| | | Inner_Full | 25.72 | / | / | 28.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.65 | / | / | 28.35 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.97 | / | / | 28.67 | / | / | <=33 | Pass |
| | 2672.49 | Outer_Full | 23.81 | / | / | 26.51 | / | / | <=33 | Pass |
| | | Inner_Full | 25.70 | / | / | 28.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.55 | / | / | 28.25 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.69 | / | / | 28.39 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2513.52 | Outer_Full | 23.26 | / | / | 25.96 | / | / | <=33 | Pass |
| | | Inner_Full | 23.70 | / | / | 26.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.61 | / | / | 26.31 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.73 | / | / | 26.43 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.30 | / | / | 26.00 | / | / | <=33 | Pass |
| | | Inner_Full | 23.81 | / | / | 26.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.54 | / | / | 26.24 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.84 | / | / | 26.54 | / | / | <=33 | Pass |
| | 2672.49 | Outer_Full | 23.26 | / | / | 25.96 | / | / | <=33 | Pass |
| | | Inner_Full | 23.80 | / | / | 26.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.64 | / | / | 26.34 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.82 | / | / | 26.52 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2513.52 | Outer_Full | 21.31 | / | / | 24.01 | / | / | <=33 | Pass |
| | | Inner_Full | 21.28 | / | / | 23.98 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.02 | / | / | 23.72 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.18 | / | / | 23.88 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.31 | / | / | 24.01 | / | / | <=33 | Pass |
| | | Inner_Full | 21.30 | / | / | 24.00 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.06 | / | / | 23.76 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.23 | / | / | 23.93 | / | / | <=33 | Pass |
| | 2672.49 | Outer_Full | 21.19 | / | / | 23.89 | / | / | <=33 | Pass |
| | | Inner_Full | 21.16 | / | / | 23.86 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.04 | / | / | 23.74 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.34 | / | / | 24.04 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2513.52 | Outer_Full | 22.77 | / | / | 25.47 | / | / | <=33 | Pass |
| | | Inner_Full | 24.88 | / | / | 27.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.60 | / | / | 27.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.76 | / | / | 27.46 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.81 | / | / | 25.51 | / | / | <=33 | Pass |
| | | Inner_Full | 24.90 | / | / | 27.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.58 | / | / | 27.28 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.74 | / | / | 27.44 | / | / | <=33 | Pass |
| | 2672.49 | Outer_Full | 22.82 | / | / | 25.52 | / | / | <=33 | Pass |
| | | Inner_Full | 24.72 | / | / | 27.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.60 | / | / | 27.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.69 | / | / | 27.39 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2513.52 | Outer_Full | 22.26 | / | / | 24.96 | / | / | <=33 | Pass |
| | | Inner_Full | 24.35 | / | / | 27.05 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.18 | / | / | 26.88 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.25 | / | / | 26.95 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.27 | / | / | 24.97 | / | / | <=33 | Pass |
| | | Inner_Full | 24.37 | / | / | 27.07 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.18 | / | / | 26.88 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.38 | / | / | 27.08 | / | / | <=33 | Pass |
| | 2672.49 | Outer_Full | 22.15 | / | / | 24.85 | / | / | <=33 | Pass |
| | | Inner_Full | 24.28 | / | / | 26.98 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.21 | / | / | 26.91 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.41 | / | / | 27.11 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2513.52 | Outer_Full | 22.26 | / | / | 24.96 | / | / | <=33 | Pass |
| | | Inner_Full | 22.82 | / | / | 25.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.89 | / | / | 25.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.03 | / | / | 25.73 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.27 | / | / | 24.97 | / | / | <=33 | Pass |
| | | Inner_Full | 22.81 | / | / | 25.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.76 | / | / | 25.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.06 | / | / | 25.76 | / | / | <=33 | Pass |
| | 2672.49 | Outer_Full | 22.19 | / | / | 24.89 | / | / | <=33 | Pass |
| | | Inner_Full | 22.72 | / | / | 25.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.85 | / | / | 25.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.95 | / | / | 25.65 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2513.52 | Outer_Full | 19.50 | / | / | 22.20 | / | / | <=33 | Pass |
| | | Inner_Full | 19.44 | / | / | 22.14 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.48 | / | / | 22.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.48 | / | / | 22.18 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.47 | / | / | 22.17 | / | / | <=33 | Pass |
| | | Inner_Full | 19.49 | / | / | 22.19 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.35 | / | / | 22.05 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.41 | / | / | 22.11 | / | / | <=33 | Pass |
| | 2672.49 | Outer_Full | 19.40 | / | / | 22.10 | / | / | <=33 | Pass |
| | | Inner_Full | 19.32 | / | / | 22.02 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.39 | / | / | 22.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.43 | / | / | 22.13 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.7 30_S_40M_NTNV_EIRP

| 5G NR n41 SCS=30kHz SISO 40MHz 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 | 2516.01 | Outer_Full | 25.44 | / | / | 28.14 | / | / | <=33 | Pass |
| | | Inner_Full | 26.86 | / | / | 29.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.84 | / | / | 29.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.96 | / | / | 29.66 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.35 | / | / | 28.05 | / | / | <=33 | Pass |
| | | Inner_Full | 26.94 | / | / | 29.64 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.66 | / | / | 29.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.81 | / | / | 29.51 | / | / | <=33 | Pass |
| | 2670 | Outer_Full | 25.38 | / | / | 28.08 | / | / | <=33 | Pass |
| | | Inner_Full | 26.91 | / | / | 29.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.53 | / | / | 29.23 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.85 | / | / | 29.55 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2516.01 | Outer_Full | 24.87 | / | / | 27.57 | / | / | <=33 | Pass |
| | | Inner_Full | 26.80 | / | / | 29.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.71 | / | / | 29.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.94 | / | / | 29.64 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.93 | / | / | 27.63 | / | / | <=33 | Pass |
| | | Inner_Full | 26.87 | / | / | 29.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.52 | / | / | 29.22 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.87 | / | / | 29.57 | / | / | <=33 | Pass |
| | 2670 | Outer_Full | 24.78 | / | / | 27.48 | / | / | <=33 | Pass |
| | | Inner_Full | 26.85 | / | / | 29.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.62 | / | / | 29.32 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.86 | / | / | 29.56 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2516.01 | Outer_Full | 23.80 | / | / | 26.50 | / | / | <=33 | Pass |
| | | Inner_Full | 25.75 | / | / | 28.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.63 | / | / | 28.33 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.89 | / | / | 28.59 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.75 | / | / | 26.45 | / | / | <=33 | Pass |
| | | Inner_Full | 25.75 | / | / | 28.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.54 | / | / | 28.24 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.72 | / | / | 28.42 | / | / | <=33 | Pass |
| | 2670 | Outer_Full | 23.73 | / | / | 26.43 | / | / | <=33 | Pass |
| | | Inner_Full | 25.83 | / | / | 28.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.54 | / | / | 28.24 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.78 | / | / | 28.48 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2516.01 | Outer_Full | 23.33 | / | / | 26.03 | / | / | <=33 | Pass |
| | | Inner_Full | 23.81 | / | / | 26.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.76 | / | / | 26.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.79 | / | / | 26.49 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.24 | / | / | 25.94 | / | / | <=33 | Pass |
| | | Inner_Full | 23.71 | / | / | 26.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.60 | / | / | 26.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.73 | / | / | 26.43 | / | / | <=33 | Pass |
| | 2670 | Outer_Full | 23.27 | / | / | 25.97 | / | / | <=33 | Pass |
| | | Inner_Full | 23.86 | / | / | 26.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.53 | / | / | 26.23 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.71 | / | / | 26.41 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2516.01 | Outer_Full | 21.40 | / | / | 24.10 | / | / | <=33 | Pass |
| | | Inner_Full | 21.31 | / | / | 24.01 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.03 | / | / | 23.73 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.27 | / | / | 23.97 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.29 | / | / | 23.99 | / | / | <=33 | Pass |
| | | Inner_Full | 21.36 | / | / | 24.06 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.04 | / | / | 23.74 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.12 | / | / | 23.82 | / | / | <=33 | Pass |
| | 2670 | Outer_Full | 21.22 | / | / | 23.92 | / | / | <=33 | Pass |
| | | Inner_Full | 21.35 | / | / | 24.05 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.01 | / | / | 23.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.15 | / | / | 23.85 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2516.01 | Outer_Full | 22.83 | / | / | 25.53 | / | / | <=33 | Pass |
| | | Inner_Full | 24.85 | / | / | 27.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.68 | / | / | 27.38 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.77 | / | / | 27.47 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.90 | / | / | 25.60 | / | / | <=33 | Pass |
| | | Inner_Full | 24.84 | / | / | 27.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.54 | / | / | 27.24 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.87 | / | / | 27.57 | / | / | <=33 | Pass |
| | 2670 | Outer_Full | 22.83 | / | / | 25.53 | / | / | <=33 | Pass |
| | | Inner_Full | 24.94 | / | / | 27.64 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.67 | / | / | 27.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.78 | / | / | 27.48 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2516.01 | Outer_Full | 22.37 | / | / | 25.07 | / | / | <=33 | Pass |
| | | Inner_Full | 24.44 | / | / | 27.14 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.40 | / | / | 27.10 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.61 | / | / | 27.31 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.18 | / | / | 24.88 | / | / | <=33 | Pass |
| | | Inner_Full | 24.33 | / | / | 27.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.10 | / | / | 26.80 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.35 | / | / | 27.05 | / | / | <=33 | Pass |
| | 2670 | Outer_Full | 22.21 | / | / | 24.91 | / | / | <=33 | Pass |
| | | Inner_Full | 24.34 | / | / | 27.04 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.22 | / | / | 26.92 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.32 | / | / | 27.02 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2516.01 | Outer_Full | 22.35 | / | / | 25.05 | / | / | <=33 | Pass |
| | | Inner_Full | 22.80 | / | / | 25.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.85 | / | / | 25.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.93 | / | / | 25.63 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.17 | / | / | 24.87 | / | / | <=33 | Pass |
| | | Inner_Full | 22.81 | / | / | 25.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.94 | / | / | 25.64 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.92 | / | / | 25.62 | / | / | <=33 | Pass |
| | 2670 | Outer_Full | 22.20 | / | / | 24.90 | / | / | <=33 | Pass |
| | | Inner_Full | 22.86 | / | / | 25.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.70 | / | / | 25.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.89 | / | / | 25.59 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2516.01 | Outer_Full | 19.41 | / | / | 22.11 | / | / | <=33 | Pass |
| | | Inner_Full | 19.42 | / | / | 22.12 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.41 | / | / | 22.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.59 | / | / | 22.29 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.41 | / | / | 22.11 | / | / | <=33 | Pass |
| | | Inner_Full | 19.43 | / | / | 22.13 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.28 | / | / | 21.98 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.41 | / | / | 22.11 | / | / | <=33 | Pass |
| | 2670 | Outer_Full | 19.42 | / | / | 22.12 | / | / | <=33 | Pass |
| | | Inner_Full | 19.42 | / | / | 22.12 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.20 | / | / | 21.90 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.32 | / | / | 22.02 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.8 30_S_45M_NTNV_EIRP

| 5G NR n41 SCS=30kHz SISO 45MHz 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 | 2518.5 | Outer_Full | 25.37 | / | / | 28.07 | / | / | <=33 | Pass |
| | | Inner_Full | 26.88 | / | / | 29.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.85 | / | / | 29.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.10 | / | / | 29.80 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.41 | / | / | 28.11 | / | / | <=33 | Pass |
| | | Inner_Full | 26.80 | / | / | 29.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.84 | / | / | 29.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.07 | / | / | 29.77 | / | / | <=33 | Pass |
| | 2667.48 | Outer_Full | 25.40 | / | / | 28.10 | / | / | <=33 | Pass |
| | | Inner_Full | 26.83 | / | / | 29.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.80 | / | / | 29.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.06 | / | / | 29.76 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2518.5 | Outer_Full | 24.97 | / | / | 27.67 | / | / | <=33 | Pass |
| | | Inner_Full | 26.92 | / | / | 29.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.92 | / | / | 29.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.14 | / | / | 29.84 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.88 | / | / | 27.58 | / | / | <=33 | Pass |
| | | Inner_Full | 26.81 | / | / | 29.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.94 | / | / | 29.64 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.11 | / | / | 29.81 | / | / | <=33 | Pass |
| | 2667.48 | Outer_Full | 24.94 | / | / | 27.64 | / | / | <=33 | Pass |
| | | Inner_Full | 26.83 | / | / | 29.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.81 | / | / | 29.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.15 | / | / | 29.85 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2518.5 | Outer_Full | 24.00 | / | / | 26.70 | / | / | <=33 | Pass |
| | | Inner_Full | 25.91 | / | / | 28.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.04 | / | / | 28.74 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.00 | / | / | 28.70 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.92 | / | / | 26.62 | / | / | <=33 | Pass |
| | | Inner_Full | 25.86 | / | / | 28.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.78 | / | / | 28.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.05 | / | / | 28.75 | / | / | <=33 | Pass |
| | 2667.48 | Outer_Full | 23.93 | / | / | 26.63 | / | / | <=33 | Pass |
| | | Inner_Full | 25.83 | / | / | 28.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.76 | / | / | 28.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.08 | / | / | 28.78 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2518.5 | Outer_Full | 23.45 | / | / | 26.15 | / | / | <=33 | Pass |
| | | Inner_Full | 23.97 | / | / | 26.67 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.92 | / | / | 26.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.94 | / | / | 26.64 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.46 | / | / | 26.16 | / | / | <=33 | Pass |
| | | Inner_Full | 23.93 | / | / | 26.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.61 | / | / | 26.31 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.95 | / | / | 26.65 | / | / | <=33 | Pass |
| | 2667.48 | Outer_Full | 23.42 | / | / | 26.12 | / | / | <=33 | Pass |
| | | Inner_Full | 23.87 | / | / | 26.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.65 | / | / | 26.35 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.04 | / | / | 26.74 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2518.5 | Outer_Full | 21.49 | / | / | 24.19 | / | / | <=33 | Pass |
| | | Inner_Full | 21.41 | / | / | 24.11 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.23 | / | / | 23.93 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.32 | / | / | 24.02 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.41 | / | / | 24.11 | / | / | <=33 | Pass |
| | | Inner_Full | 21.39 | / | / | 24.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.08 | / | / | 23.78 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.59 | / | / | 24.29 | / | / | <=33 | Pass |
| | 2667.48 | Outer_Full | 21.42 | / | / | 24.12 | / | / | <=33 | Pass |
| | | Inner_Full | 21.40 | / | / | 24.10 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.12 | / | / | 23.82 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.47 | / | / | 24.17 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2518.5 | Outer_Full | 22.90 | / | / | 25.60 | / | / | <=33 | Pass |
| | | Inner_Full | 25.00 | / | / | 27.70 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.85 | / | / | 27.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.13 | / | / | 27.83 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.88 | / | / | 25.58 | / | / | <=33 | Pass |
| | | Inner_Full | 24.98 | / | / | 27.68 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.72 | / | / | 27.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.00 | / | / | 27.70 | / | / | <=33 | Pass |
| | 2667.48 | Outer_Full | 22.88 | / | / | 25.58 | / | / | <=33 | Pass |
| | | Inner_Full | 24.96 | / | / | 27.66 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.63 | / | / | 27.33 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.93 | / | / | 27.63 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2518.5 | Outer_Full | 22.47 | / | / | 25.17 | / | / | <=33 | Pass |
| | | Inner_Full | 24.40 | / | / | 27.10 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.47 | / | / | 27.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.56 | / | / | 27.26 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.43 | / | / | 25.13 | / | / | <=33 | Pass |
| | | Inner_Full | 24.47 | / | / | 27.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.37 | / | / | 27.07 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.68 | / | / | 27.38 | / | / | <=33 | Pass |
| | 2667.48 | Outer_Full | 22.35 | / | / | 25.05 | / | / | <=33 | Pass |
| | | Inner_Full | 24.45 | / | / | 27.15 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.39 | / | / | 27.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.56 | / | / | 27.26 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2518.5 | Outer_Full | 22.49 | / | / | 25.19 | / | / | <=33 | Pass |
| | | Inner_Full | 22.80 | / | / | 25.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.05 | / | / | 25.75 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.22 | / | / | 25.92 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.40 | / | / | 25.10 | / | / | <=33 | Pass |
| | | Inner_Full | 22.86 | / | / | 25.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.82 | / | / | 25.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.14 | / | / | 25.84 | / | / | <=33 | Pass |
| | 2667.48 | Outer_Full | 22.34 | / | / | 25.04 | / | / | <=33 | Pass |
| | | Inner_Full | 22.82 | / | / | 25.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.85 | / | / | 25.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.17 | / | / | 25.87 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2518.5 | Outer_Full | 19.58 | / | / | 22.28 | / | / | <=33 | Pass |
| | | Inner_Full | 19.58 | / | / | 22.28 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.47 | / | / | 22.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.55 | / | / | 22.25 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.60 | / | / | 22.30 | / | / | <=33 | Pass |
| | | Inner_Full | 19.64 | / | / | 22.34 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.33 | / | / | 22.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.67 | / | / | 22.37 | / | / | <=33 | Pass |
| | 2667.48 | Outer_Full | 19.56 | / | / | 22.26 | / | / | <=33 | Pass |
| | | Inner_Full | 19.58 | / | / | 22.28 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.41 | / | / | 22.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.75 | / | / | 22.45 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.9 30_S_50M_NTNV_EIRP

| 5G NR n41 SCS=30kHz SISO 50MHz 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 | 2521.02 | Outer_Full | 25.41 | / | / | 28.11 | / | / | <=33 | Pass |
| | | Inner_Full | 27.00 | / | / | 29.70 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.88 | / | / | 29.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.07 | / | / | 29.77 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.43 | / | / | 28.13 | / | / | <=33 | Pass |
| | | Inner_Full | 26.88 | / | / | 29.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.90 | / | / | 29.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.08 | / | / | 29.78 | / | / | <=33 | Pass |
| | 2664.99 | Outer_Full | 25.39 | / | / | 28.09 | / | / | <=33 | Pass |
| | | Inner_Full | 26.86 | / | / | 29.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.72 | / | / | 29.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.06 | / | / | 29.76 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2521.02 | Outer_Full | 24.98 | / | / | 27.68 | / | / | <=33 | Pass |
| | | Inner_Full | 27.05 | / | / | 29.75 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 27.05 | / | / | 29.75 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.14 | / | / | 29.84 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.96 | / | / | 27.66 | / | / | <=33 | Pass |
| | | Inner_Full | 26.91 | / | / | 29.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.88 | / | / | 29.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.97 | / | / | 29.67 | / | / | <=33 | Pass |
| | 2664.99 | Outer_Full | 24.93 | / | / | 27.63 | / | / | <=33 | Pass |
| | | Inner_Full | 26.80 | / | / | 29.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.71 | / | / | 29.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.95 | / | / | 29.65 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2521.02 | Outer_Full | 23.98 | / | / | 26.68 | / | / | <=33 | Pass |
| | | Inner_Full | 25.91 | / | / | 28.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.91 | / | / | 28.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.93 | / | / | 28.63 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.89 | / | / | 26.59 | / | / | <=33 | Pass |
| | | Inner_Full | 25.93 | / | / | 28.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.70 | / | / | 28.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.09 | / | / | 28.79 | / | / | <=33 | Pass |
| | 2664.99 | Outer_Full | 23.86 | / | / | 26.56 | / | / | <=33 | Pass |
| | | Inner_Full | 25.95 | / | / | 28.65 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.77 | / | / | 28.47 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.01 | / | / | 28.71 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2521.02 | Outer_Full | 23.44 | / | / | 26.14 | / | / | <=33 | Pass |
| | | Inner_Full | 24.04 | / | / | 26.74 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.89 | / | / | 26.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.14 | / | / | 26.84 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.36 | / | / | 26.06 | / | / | <=33 | Pass |
| | | Inner_Full | 23.86 | / | / | 26.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.65 | / | / | 26.35 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.94 | / | / | 26.64 | / | / | <=33 | Pass |
| | 2664.99 | Outer_Full | 23.40 | / | / | 26.10 | / | / | <=33 | Pass |
| | | Inner_Full | 23.91 | / | / | 26.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.62 | / | / | 26.32 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.94 | / | / | 26.64 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2521.02 | Outer_Full | 21.47 | / | / | 24.17 | / | / | <=33 | Pass |
| | | Inner_Full | 21.50 | / | / | 24.20 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.24 | / | / | 23.94 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.52 | / | / | 24.22 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.44 | / | / | 24.14 | / | / | <=33 | Pass |
| | | Inner_Full | 21.40 | / | / | 24.10 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.00 | / | / | 23.70 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.39 | / | / | 24.09 | / | / | <=33 | Pass |
| | 2664.99 | Outer_Full | 21.37 | / | / | 24.07 | / | / | <=33 | Pass |
| | | Inner_Full | 21.40 | / | / | 24.10 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.05 | / | / | 23.75 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.40 | / | / | 24.10 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2521.02 | Outer_Full | 22.97 | / | / | 25.67 | / | / | <=33 | Pass |
| | | Inner_Full | 24.98 | / | / | 27.68 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.87 | / | / | 27.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.07 | / | / | 27.77 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.86 | / | / | 25.56 | / | / | <=33 | Pass |
| | | Inner_Full | 25.01 | / | / | 27.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.90 | / | / | 27.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.18 | / | / | 27.88 | / | / | <=33 | Pass |
| | 2664.99 | Outer_Full | 22.82 | / | / | 25.52 | / | / | <=33 | Pass |
| | | Inner_Full | 24.96 | / | / | 27.66 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.74 | / | / | 27.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.98 | / | / | 27.68 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2521.02 | Outer_Full | 22.49 | / | / | 25.19 | / | / | <=33 | Pass |
| | | Inner_Full | 24.54 | / | / | 27.24 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.60 | / | / | 27.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.71 | / | / | 27.41 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.42 | / | / | 25.12 | / | / | <=33 | Pass |
| | | Inner_Full | 24.48 | / | / | 27.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.41 | / | / | 27.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.70 | / | / | 27.40 | / | / | <=33 | Pass |
| | 2664.99 | Outer_Full | 22.34 | / | / | 25.04 | / | / | <=33 | Pass |
| | | Inner_Full | 24.42 | / | / | 27.12 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.32 | / | / | 27.02 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.61 | / | / | 27.31 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2521.02 | Outer_Full | 22.42 | / | / | 25.12 | / | / | <=33 | Pass |
| | | Inner_Full | 23.01 | / | / | 25.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.14 | / | / | 25.84 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.29 | / | / | 25.99 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.42 | / | / | 25.12 | / | / | <=33 | Pass |
| | | Inner_Full | 22.91 | / | / | 25.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.88 | / | / | 25.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.20 | / | / | 25.90 | / | / | <=33 | Pass |
| | 2664.99 | Outer_Full | 22.35 | / | / | 25.05 | / | / | <=33 | Pass |
| | | Inner_Full | 22.87 | / | / | 25.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.00 | / | / | 25.70 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.11 | / | / | 25.81 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2521.02 | Outer_Full | 19.73 | / | / | 22.43 | / | / | <=33 | Pass |
| | | Inner_Full | 19.64 | / | / | 22.34 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.46 | / | / | 22.16 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.63 | / | / | 22.33 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.58 | / | / | 22.28 | / | / | <=33 | Pass |
| | | Inner_Full | 19.69 | / | / | 22.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.51 | / | / | 22.21 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.77 | / | / | 22.47 | / | / | <=33 | Pass |
| | 2664.99 | Outer_Full | 19.57 | / | / | 22.27 | / | / | <=33 | Pass |
| | | Inner_Full | 19.60 | / | / | 22.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.36 | / | / | 22.06 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.68 | / | / | 22.38 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.10 30_S_60M_NTNV_EIRP

| 5G NR n41 SCS=30kHz SISO 60MHz 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 | 2526 | Outer_Full | 25.34 | / | / | 28.04 | / | / | <=33 | Pass |
| | | Inner_Full | 26.87 | / | / | 29.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.76 | / | / | 29.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.97 | / | / | 29.67 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.35 | / | / | 28.05 | / | / | <=33 | Pass |
| | | Inner_Full | 26.60 | / | / | 29.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.83 | / | / | 29.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.96 | / | / | 29.66 | / | / | <=33 | Pass |
| | 2659.98 | Outer_Full | 25.34 | / | / | 28.04 | / | / | <=33 | Pass |
| | | Inner_Full | 26.62 | / | / | 29.32 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.74 | / | / | 29.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.90 | / | / | 29.60 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2526 | Outer_Full | 24.87 | / | / | 27.57 | / | / | <=33 | Pass |
| | | Inner_Full | 26.85 | / | / | 29.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.92 | / | / | 29.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.00 | / | / | 29.70 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.85 | / | / | 27.55 | / | / | <=33 | Pass |
| | | Inner_Full | 26.63 | / | / | 29.33 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.86 | / | / | 29.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.10 | / | / | 29.80 | / | / | <=33 | Pass |
| | 2659.98 | Outer_Full | 24.74 | / | / | 27.44 | / | / | <=33 | Pass |
| | | Inner_Full | 26.75 | / | / | 29.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.71 | / | / | 29.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.11 | / | / | 29.81 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2526 | Outer_Full | 23.87 | / | / | 26.57 | / | / | <=33 | Pass |
| | | Inner_Full | 25.77 | / | / | 28.47 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.69 | / | / | 28.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.97 | / | / | 28.67 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.71 | / | / | 26.41 | / | / | <=33 | Pass |
| | | Inner_Full | 25.67 | / | / | 28.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.74 | / | / | 28.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.83 | / | / | 28.53 | / | / | <=33 | Pass |
| | 2659.98 | Outer_Full | 23.70 | / | / | 26.40 | / | / | <=33 | Pass |
| | | Inner_Full | 25.84 | / | / | 28.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.69 | / | / | 28.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.86 | / | / | 28.56 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2526 | Outer_Full | 23.32 | / | / | 26.02 | / | / | <=33 | Pass |
| | | Inner_Full | 23.81 | / | / | 26.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.81 | / | / | 26.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.87 | / | / | 26.57 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.17 | / | / | 25.87 | / | / | <=33 | Pass |
| | | Inner_Full | 23.60 | / | / | 26.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.59 | / | / | 26.29 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.93 | / | / | 26.63 | / | / | <=33 | Pass |
| | 2659.98 | Outer_Full | 23.26 | / | / | 25.96 | / | / | <=33 | Pass |
| | | Inner_Full | 23.69 | / | / | 26.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.62 | / | / | 26.32 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.02 | / | / | 26.72 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2526 | Outer_Full | 21.33 | / | / | 24.03 | / | / | <=33 | Pass |
| | | Inner_Full | 21.35 | / | / | 24.05 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.18 | / | / | 23.88 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.36 | / | / | 24.06 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.32 | / | / | 24.02 | / | / | <=33 | Pass |
| | | Inner_Full | 21.21 | / | / | 23.91 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.00 | / | / | 23.70 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.31 | / | / | 24.01 | / | / | <=33 | Pass |
| | 2659.98 | Outer_Full | 21.28 | / | / | 23.98 | / | / | <=33 | Pass |
| | | Inner_Full | 21.27 | / | / | 23.97 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.12 | / | / | 23.82 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.49 | / | / | 24.19 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2526 | Outer_Full | 22.76 | / | / | 25.46 | / | / | <=33 | Pass |
| | | Inner_Full | 24.91 | / | / | 27.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.81 | / | / | 27.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.05 | / | / | 27.75 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.66 | / | / | 25.36 | / | / | <=33 | Pass |
| | | Inner_Full | 24.72 | / | / | 27.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.73 | / | / | 27.43 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.86 | / | / | 27.56 | / | / | <=33 | Pass |
| | 2659.98 | Outer_Full | 22.74 | / | / | 25.44 | / | / | <=33 | Pass |
| | | Inner_Full | 24.81 | / | / | 27.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.63 | / | / | 27.33 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.82 | / | / | 27.52 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2526 | Outer_Full | 22.22 | / | / | 24.92 | / | / | <=33 | Pass |
| | | Inner_Full | 24.39 | / | / | 27.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.41 | / | / | 27.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.66 | / | / | 27.36 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.30 | / | / | 25.00 | / | / | <=33 | Pass |
| | | Inner_Full | 24.20 | / | / | 26.90 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.41 | / | / | 27.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.64 | / | / | 27.34 | / | / | <=33 | Pass |
| | 2659.98 | Outer_Full | 22.18 | / | / | 24.88 | / | / | <=33 | Pass |
| | | Inner_Full | 24.29 | / | / | 26.99 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.25 | / | / | 26.95 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.45 | / | / | 27.15 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2526 | Outer_Full | 22.33 | / | / | 25.03 | / | / | <=33 | Pass |
| | | Inner_Full | 22.77 | / | / | 25.47 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.98 | / | / | 25.68 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.17 | / | / | 25.87 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.22 | / | / | 24.92 | / | / | <=33 | Pass |
| | | Inner_Full | 22.67 | / | / | 25.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.86 | / | / | 25.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.10 | / | / | 25.80 | / | / | <=33 | Pass |
| | 2659.98 | Outer_Full | 22.15 | / | / | 24.85 | / | / | <=33 | Pass |
| | | Inner_Full | 22.70 | / | / | 25.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.90 | / | / | 25.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.15 | / | / | 25.85 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2526 | Outer_Full | 19.53 | / | / | 22.23 | / | / | <=33 | Pass |
| | | Inner_Full | 19.46 | / | / | 22.16 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.39 | / | / | 22.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.62 | / | / | 22.32 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.44 | / | / | 22.14 | / | / | <=33 | Pass |
| | | Inner_Full | 19.44 | / | / | 22.14 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.26 | / | / | 21.96 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.60 | / | / | 22.30 | / | / | <=33 | Pass |
| | 2659.98 | Outer_Full | 19.39 | / | / | 22.09 | / | / | <=33 | Pass |
| | | Inner_Full | 19.47 | / | / | 22.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.23 | / | / | 21.93 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.56 | / | / | 22.26 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.11 30_S_70M_NTNV_EIRP

| 5G NR n41 SCS=30kHz SISO 70MHz 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 | 2531.01 | Outer_Full | 25.33 | / | / | 28.03 | / | / | <=33 | Pass |
| | | Inner_Full | 26.95 | / | / | 29.65 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.72 | / | / | 29.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.89 | / | / | 29.59 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.32 | / | / | 28.02 | / | / | <=33 | Pass |
| | | Inner_Full | 26.83 | / | / | 29.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.64 | / | / | 29.34 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.01 | / | / | 29.71 | / | / | <=33 | Pass |
| | 2655 | Outer_Full | 25.31 | / | / | 28.01 | / | / | <=33 | Pass |
| | | Inner_Full | 26.98 | / | / | 29.68 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.66 | / | / | 29.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.91 | / | / | 29.61 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2531.01 | Outer_Full | 24.86 | / | / | 27.56 | / | / | <=33 | Pass |
| | | Inner_Full | 26.90 | / | / | 29.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.78 | / | / | 29.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.04 | / | / | 29.74 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.79 | / | / | 27.49 | / | / | <=33 | Pass |
| | | Inner_Full | 26.83 | / | / | 29.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.76 | / | / | 29.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.12 | / | / | 29.82 | / | / | <=33 | Pass |
| | 2655 | Outer_Full | 24.84 | / | / | 27.54 | / | / | <=33 | Pass |
| | | Inner_Full | 26.93 | / | / | 29.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.74 | / | / | 29.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.98 | / | / | 29.68 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2531.01 | Outer_Full | 23.89 | / | / | 26.59 | / | / | <=33 | Pass |
| | | Inner_Full | 25.87 | / | / | 28.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.05 | / | / | 28.75 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.95 | / | / | 28.65 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.86 | / | / | 26.56 | / | / | <=33 | Pass |
| | | Inner_Full | 25.75 | / | / | 28.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.80 | / | / | 28.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.98 | / | / | 28.68 | / | / | <=33 | Pass |
| | 2655 | Outer_Full | 23.85 | / | / | 26.55 | / | / | <=33 | Pass |
| | | Inner_Full | 25.86 | / | / | 28.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.72 | / | / | 28.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.92 | / | / | 28.62 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2531.01 | Outer_Full | 23.38 | / | / | 26.08 | / | / | <=33 | Pass |
| | | Inner_Full | 23.92 | / | / | 26.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.83 | / | / | 26.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.95 | / | / | 26.65 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.36 | / | / | 26.06 | / | / | <=33 | Pass |
| | | Inner_Full | 23.88 | / | / | 26.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.77 | / | / | 26.47 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.07 | / | / | 26.77 | / | / | <=33 | Pass |
| | 2655 | Outer_Full | 23.45 | / | / | 26.15 | / | / | <=33 | Pass |
| | | Inner_Full | 23.91 | / | / | 26.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.78 | / | / | 26.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.05 | / | / | 26.75 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2531.01 | Outer_Full | 21.48 | / | / | 24.18 | / | / | <=33 | Pass |
| | | Inner_Full | 21.37 | / | / | 24.07 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.18 | / | / | 23.88 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.34 | / | / | 24.04 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.42 | / | / | 24.12 | / | / | <=33 | Pass |
| | | Inner_Full | 21.33 | / | / | 24.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.25 | / | / | 23.95 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.54 | / | / | 24.24 | / | / | <=33 | Pass |
| | 2655 | Outer_Full | 21.42 | / | / | 24.12 | / | / | <=33 | Pass |
| | | Inner_Full | 21.44 | / | / | 24.14 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.12 | / | / | 23.82 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.35 | / | / | 24.05 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2531.01 | Outer_Full | 22.84 | / | / | 25.54 | / | / | <=33 | Pass |
| | | Inner_Full | 24.98 | / | / | 27.68 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.93 | / | / | 27.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.99 | / | / | 27.69 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.80 | / | / | 25.50 | / | / | <=33 | Pass |
| | | Inner_Full | 24.94 | / | / | 27.64 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.71 | / | / | 27.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.82 | / | / | 27.52 | / | / | <=33 | Pass |
| | 2655 | Outer_Full | 22.86 | / | / | 25.56 | / | / | <=33 | Pass |
| | | Inner_Full | 24.88 | / | / | 27.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.65 | / | / | 27.35 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.93 | / | / | 27.63 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2531.01 | Outer_Full | 22.36 | / | / | 25.06 | / | / | <=33 | Pass |
| | | Inner_Full | 24.43 | / | / | 27.13 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.43 | / | / | 27.13 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.49 | / | / | 27.19 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.31 | / | / | 25.01 | / | / | <=33 | Pass |
| | | Inner_Full | 24.37 | / | / | 27.07 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.30 | / | / | 27.00 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.62 | / | / | 27.32 | / | / | <=33 | Pass |
| | 2655 | Outer_Full | 22.33 | / | / | 25.03 | / | / | <=33 | Pass |
| | | Inner_Full | 24.44 | / | / | 27.14 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.24 | / | / | 26.94 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.56 | / | / | 27.26 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2531.01 | Outer_Full | 22.35 | / | / | 25.05 | / | / | <=33 | Pass |
| | | Inner_Full | 22.88 | / | / | 25.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.97 | / | / | 25.67 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.03 | / | / | 25.73 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.32 | / | / | 25.02 | / | / | <=33 | Pass |
| | | Inner_Full | 22.81 | / | / | 25.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.89 | / | / | 25.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.11 | / | / | 25.81 | / | / | <=33 | Pass |
| | 2655 | Outer_Full | 22.33 | / | / | 25.03 | / | / | <=33 | Pass |
| | | Inner_Full | 22.85 | / | / | 25.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.82 | / | / | 25.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.16 | / | / | 25.86 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2531.01 | Outer_Full | 19.53 | / | / | 22.23 | / | / | <=33 | Pass |
| | | Inner_Full | 19.57 | / | / | 22.27 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.48 | / | / | 22.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.55 | / | / | 22.25 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.52 | / | / | 22.22 | / | / | <=33 | Pass |
| | | Inner_Full | 19.47 | / | / | 22.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.27 | / | / | 21.97 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.58 | / | / | 22.28 | / | / | <=33 | Pass |
| | 2655 | Outer_Full | 19.55 | / | / | 22.25 | / | / | <=33 | Pass |
| | | Inner_Full | 19.51 | / | / | 22.21 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.16 | / | / | 21.86 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.63 | / | / | 22.33 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.12 30_S_80M_NTNV_EIRP

| 5G NR n41 SCS=30kHz SISO 80MHz 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 | 2536.02 | Outer_Full | 25.37 | / | / | 28.07 | / | / | <=33 | Pass |
| | | Inner_Full | 26.95 | / | / | 29.65 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.78 | / | / | 29.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.00 | / | / | 29.70 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.40 | / | / | 28.10 | / | / | <=33 | Pass |
| | | Inner_Full | 26.93 | / | / | 29.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.74 | / | / | 29.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.09 | / | / | 29.79 | / | / | <=33 | Pass |
| | 2649.99 | Outer_Full | 25.34 | / | / | 28.04 | / | / | <=33 | Pass |
| | | Inner_Full | 26.91 | / | / | 29.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.66 | / | / | 29.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.15 | / | / | 29.85 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2536.02 | Outer_Full | 24.94 | / | / | 27.64 | / | / | <=33 | Pass |
| | | Inner_Full | 26.96 | / | / | 29.66 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.88 | / | / | 29.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.04 | / | / | 29.74 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.92 | / | / | 27.62 | / | / | <=33 | Pass |
| | | Inner_Full | 26.85 | / | / | 29.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.69 | / | / | 29.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.01 | / | / | 29.71 | / | / | <=33 | Pass |
| | 2649.99 | Outer_Full | 24.88 | / | / | 27.58 | / | / | <=33 | Pass |
| | | Inner_Full | 26.91 | / | / | 29.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.67 | / | / | 29.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.04 | / | / | 29.74 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2536.02 | Outer_Full | 23.90 | / | / | 26.60 | / | / | <=33 | Pass |
| | | Inner_Full | 25.87 | / | / | 28.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.01 | / | / | 28.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.07 | / | / | 28.77 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.86 | / | / | 26.56 | / | / | <=33 | Pass |
| | | Inner_Full | 25.91 | / | / | 28.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.89 | / | / | 28.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.07 | / | / | 28.77 | / | / | <=33 | Pass |
| | 2649.99 | Outer_Full | 23.87 | / | / | 26.57 | / | / | <=33 | Pass |
| | | Inner_Full | 25.77 | / | / | 28.47 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.58 | / | / | 28.28 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.93 | / | / | 28.63 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2536.02 | Outer_Full | 23.40 | / | / | 26.10 | / | / | <=33 | Pass |
| | | Inner_Full | 23.90 | / | / | 26.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.69 | / | / | 26.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.93 | / | / | 26.63 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.37 | / | / | 26.07 | / | / | <=33 | Pass |
| | | Inner_Full | 23.88 | / | / | 26.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.73 | / | / | 26.43 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.96 | / | / | 26.66 | / | / | <=33 | Pass |
| | 2649.99 | Outer_Full | 23.33 | / | / | 26.03 | / | / | <=33 | Pass |
| | | Inner_Full | 23.80 | / | / | 26.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.75 | / | / | 26.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.03 | / | / | 26.73 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2536.02 | Outer_Full | 21.40 | / | / | 24.10 | / | / | <=33 | Pass |
| | | Inner_Full | 21.43 | / | / | 24.13 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.13 | / | / | 23.83 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.33 | / | / | 24.03 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.40 | / | / | 24.10 | / | / | <=33 | Pass |
| | | Inner_Full | 21.39 | / | / | 24.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.14 | / | / | 23.84 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.36 | / | / | 24.06 | / | / | <=33 | Pass |
| | 2649.99 | Outer_Full | 21.21 | / | / | 23.91 | / | / | <=33 | Pass |
| | | Inner_Full | 21.34 | / | / | 24.04 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.97 | / | / | 23.67 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.45 | / | / | 24.15 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2536.02 | Outer_Full | 22.95 | / | / | 25.65 | / | / | <=33 | Pass |
| | | Inner_Full | 25.01 | / | / | 27.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.72 | / | / | 27.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.99 | / | / | 27.69 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.90 | / | / | 25.60 | / | / | <=33 | Pass |
| | | Inner_Full | 24.95 | / | / | 27.65 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.78 | / | / | 27.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.01 | / | / | 27.71 | / | / | <=33 | Pass |
| | 2649.99 | Outer_Full | 22.87 | / | / | 25.57 | / | / | <=33 | Pass |
| | | Inner_Full | 25.01 | / | / | 27.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.57 | / | / | 27.27 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.93 | / | / | 27.63 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2536.02 | Outer_Full | 22.44 | / | / | 25.14 | / | / | <=33 | Pass |
| | | Inner_Full | 24.48 | / | / | 27.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.34 | / | / | 27.04 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.43 | / | / | 27.13 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.41 | / | / | 25.11 | / | / | <=33 | Pass |
| | | Inner_Full | 24.41 | / | / | 27.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.31 | / | / | 27.01 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.66 | / | / | 27.36 | / | / | <=33 | Pass |
| | 2649.99 | Outer_Full | 22.41 | / | / | 25.11 | / | / | <=33 | Pass |
| | | Inner_Full | 24.36 | / | / | 27.06 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.25 | / | / | 26.95 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.61 | / | / | 27.31 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2536.02 | Outer_Full | 22.35 | / | / | 25.05 | / | / | <=33 | Pass |
| | | Inner_Full | 22.87 | / | / | 25.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.99 | / | / | 25.69 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.14 | / | / | 25.84 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.38 | / | / | 25.08 | / | / | <=33 | Pass |
| | | Inner_Full | 22.85 | / | / | 25.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.91 | / | / | 25.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.04 | / | / | 25.74 | / | / | <=33 | Pass |
| | 2649.99 | Outer_Full | 22.25 | / | / | 24.95 | / | / | <=33 | Pass |
| | | Inner_Full | 22.76 | / | / | 25.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.79 | / | / | 25.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.12 | / | / | 25.82 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2536.02 | Outer_Full | 19.51 | / | / | 22.21 | / | / | <=33 | Pass |
| | | Inner_Full | 19.50 | / | / | 22.20 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.33 | / | / | 22.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.63 | / | / | 22.33 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.59 | / | / | 22.29 | / | / | <=33 | Pass |
| | | Inner_Full | 19.51 | / | / | 22.21 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.27 | / | / | 21.97 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.61 | / | / | 22.31 | / | / | <=33 | Pass |
| | 2649.99 | Outer_Full | 19.56 | / | / | 22.26 | / | / | <=33 | Pass |
| | | Inner_Full | 19.59 | / | / | 22.29 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.11 | / | / | 21.81 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.82 | / | / | 22.52 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.13 30_S_90M_NTNV_EIRP

| 5G NR n41 SCS=30kHz SISO 90MHz 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 | 2541 | Outer_Full | 25.36 | / | / | 28.06 | / | / | <=33 | Pass |
| | | Inner_Full | 26.89 | / | / | 29.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.84 | / | / | 29.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.10 | / | / | 29.80 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.44 | / | / | 28.14 | / | / | <=33 | Pass |
| | | Inner_Full | 26.84 | / | / | 29.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.74 | / | / | 29.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.17 | / | / | 29.87 | / | / | <=33 | Pass |
| | 2644.98 | Outer_Full | 25.42 | / | / | 28.12 | / | / | <=33 | Pass |
| | | Inner_Full | 26.86 | / | / | 29.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.66 | / | / | 29.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.19 | / | / | 29.89 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2541 | Outer_Full | 24.96 | / | / | 27.66 | / | / | <=33 | Pass |
| | | Inner_Full | 26.93 | / | / | 29.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.92 | / | / | 29.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.97 | / | / | 29.67 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.89 | / | / | 27.59 | / | / | <=33 | Pass |
| | | Inner_Full | 26.77 | / | / | 29.47 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.77 | / | / | 29.47 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.27 | / | / | 29.97 | / | / | <=33 | Pass |
| | 2644.98 | Outer_Full | 24.88 | / | / | 27.58 | / | / | <=33 | Pass |
| | | Inner_Full | 26.85 | / | / | 29.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.80 | / | / | 29.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.24 | / | / | 29.94 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2541 | Outer_Full | 23.82 | / | / | 26.52 | / | / | <=33 | Pass |
| | | Inner_Full | 25.87 | / | / | 28.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.88 | / | / | 28.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.05 | / | / | 28.75 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.82 | / | / | 26.52 | / | / | <=33 | Pass |
| | | Inner_Full | 25.79 | / | / | 28.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.72 | / | / | 28.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.26 | / | / | 28.96 | / | / | <=33 | Pass |
| | 2644.98 | Outer_Full | 23.83 | / | / | 26.53 | / | / | <=33 | Pass |
| | | Inner_Full | 25.75 | / | / | 28.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.67 | / | / | 28.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.04 | / | / | 28.74 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2541 | Outer_Full | 23.46 | / | / | 26.16 | / | / | <=33 | Pass |
| | | Inner_Full | 23.86 | / | / | 26.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.75 | / | / | 26.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.88 | / | / | 26.58 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.35 | / | / | 26.05 | / | / | <=33 | Pass |
| | | Inner_Full | 23.83 | / | / | 26.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.62 | / | / | 26.32 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.27 | / | / | 26.97 | / | / | <=33 | Pass |
| | 2644.98 | Outer_Full | 23.29 | / | / | 25.99 | / | / | <=33 | Pass |
| | | Inner_Full | 23.80 | / | / | 26.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.70 | / | / | 26.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.15 | / | / | 26.85 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2541 | Outer_Full | 21.44 | / | / | 24.14 | / | / | <=33 | Pass |
| | | Inner_Full | 21.39 | / | / | 24.09 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.14 | / | / | 23.84 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.37 | / | / | 24.07 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.34 | / | / | 24.04 | / | / | <=33 | Pass |
| | | Inner_Full | 21.31 | / | / | 24.01 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.08 | / | / | 23.78 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.44 | / | / | 24.14 | / | / | <=33 | Pass |
| | 2644.98 | Outer_Full | 21.27 | / | / | 23.97 | / | / | <=33 | Pass |
| | | Inner_Full | 21.36 | / | / | 24.06 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.01 | / | / | 23.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.58 | / | / | 24.28 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2541 | Outer_Full | 22.83 | / | / | 25.53 | / | / | <=33 | Pass |
| | | Inner_Full | 24.98 | / | / | 27.68 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.60 | / | / | 27.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.92 | / | / | 27.62 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.83 | / | / | 25.53 | / | / | <=33 | Pass |
| | | Inner_Full | 24.90 | / | / | 27.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.70 | / | / | 27.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.24 | / | / | 27.94 | / | / | <=33 | Pass |
| | 2644.98 | Outer_Full | 22.91 | / | / | 25.61 | / | / | <=33 | Pass |
| | | Inner_Full | 24.85 | / | / | 27.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.64 | / | / | 27.34 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.00 | / | / | 27.70 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2541 | Outer_Full | 22.28 | / | / | 24.98 | / | / | <=33 | Pass |
| | | Inner_Full | 24.48 | / | / | 27.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.29 | / | / | 26.99 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.49 | / | / | 27.19 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.33 | / | / | 25.03 | / | / | <=33 | Pass |
| | | Inner_Full | 24.38 | / | / | 27.08 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.32 | / | / | 27.02 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.85 | / | / | 27.55 | / | / | <=33 | Pass |
| | 2644.98 | Outer_Full | 22.30 | / | / | 25.00 | / | / | <=33 | Pass |
| | | Inner_Full | 24.37 | / | / | 27.07 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.20 | / | / | 26.90 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.58 | / | / | 27.28 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2541 | Outer_Full | 22.31 | / | / | 25.01 | / | / | <=33 | Pass |
| | | Inner_Full | 22.84 | / | / | 25.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.00 | / | / | 25.70 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.16 | / | / | 25.86 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.31 | / | / | 25.01 | / | / | <=33 | Pass |
| | | Inner_Full | 22.87 | / | / | 25.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.73 | / | / | 25.43 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.30 | / | / | 26.00 | / | / | <=33 | Pass |
| | 2644.98 | Outer_Full | 22.34 | / | / | 25.04 | / | / | <=33 | Pass |
| | | Inner_Full | 22.76 | / | / | 25.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.74 | / | / | 25.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.14 | / | / | 25.84 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2541 | Outer_Full | 19.51 | / | / | 22.21 | / | / | <=33 | Pass |
| | | Inner_Full | 19.49 | / | / | 22.19 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.47 | / | / | 22.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.65 | / | / | 22.35 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.53 | / | / | 22.23 | / | / | <=33 | Pass |
| | | Inner_Full | 19.49 | / | / | 22.19 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.19 | / | / | 21.89 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.74 | / | / | 22.44 | / | / | <=33 | Pass |
| | 2644.98 | Outer_Full | 19.50 | / | / | 22.20 | / | / | <=33 | Pass |
| | | Inner_Full | 19.58 | / | / | 22.28 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.11 | / | / | 21.81 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.63 | / | / | 22.33 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.14 30_S_100M_NTNV_EIRP

| 5G NR n41 SCS=30kHz SISO 100MHz 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 | 2546.01 | Outer_Full | 25.36 | / | / | 28.06 | / | / | <=33 | Pass |
| | | Inner_Full | 26.81 | / | / | 29.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.71 | / | / | 29.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.05 | / | / | 29.75 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 25.32 | / | / | 28.02 | / | / | <=33 | Pass |
| | | Inner_Full | 26.77 | / | / | 29.47 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.56 | / | / | 29.26 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.19 | / | / | 29.89 | / | / | <=33 | Pass |
| | 2640 | Outer_Full | 25.31 | / | / | 28.01 | / | / | <=33 | Pass |
| | | Inner_Full | 26.84 | / | / | 29.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.55 | / | / | 29.25 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.10 | / | / | 29.80 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2546.01 | Outer_Full | 24.86 | / | / | 27.56 | / | / | <=33 | Pass |
| | | Inner_Full | 26.85 | / | / | 29.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.74 | / | / | 29.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.07 | / | / | 29.77 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.83 | / | / | 27.53 | / | / | <=33 | Pass |
| | | Inner_Full | 26.83 | / | / | 29.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.70 | / | / | 29.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.21 | / | / | 29.91 | / | / | <=33 | Pass |
| | 2640 | Outer_Full | 24.86 | / | / | 27.56 | / | / | <=33 | Pass |
| | | Inner_Full | 26.74 | / | / | 29.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 26.69 | / | / | 29.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 27.12 | / | / | 29.82 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2546.01 | Outer_Full | 23.92 | / | / | 26.62 | / | / | <=33 | Pass |
| | | Inner_Full | 25.89 | / | / | 28.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.69 | / | / | 28.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.09 | / | / | 28.79 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.95 | / | / | 26.65 | / | / | <=33 | Pass |
| | | Inner_Full | 25.90 | / | / | 28.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.62 | / | / | 28.32 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.19 | / | / | 28.89 | / | / | <=33 | Pass |
| | 2640 | Outer_Full | 23.82 | / | / | 26.52 | / | / | <=33 | Pass |
| | | Inner_Full | 25.76 | / | / | 28.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 25.67 | / | / | 28.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 26.13 | / | / | 28.83 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2546.01 | Outer_Full | 23.35 | / | / | 26.05 | / | / | <=33 | Pass |
| | | Inner_Full | 23.87 | / | / | 26.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.74 | / | / | 26.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.11 | / | / | 26.81 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.35 | / | / | 26.05 | / | / | <=33 | Pass |
| | | Inner_Full | 23.85 | / | / | 26.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.65 | / | / | 26.35 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.18 | / | / | 26.88 | / | / | <=33 | Pass |
| | 2640 | Outer_Full | 23.32 | / | / | 26.02 | / | / | <=33 | Pass |
| | | Inner_Full | 23.80 | / | / | 26.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 23.59 | / | / | 26.29 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.06 | / | / | 26.76 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2546.01 | Outer_Full | 21.35 | / | / | 24.05 | / | / | <=33 | Pass |
| | | Inner_Full | 21.44 | / | / | 24.14 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.17 | / | / | 23.87 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.67 | / | / | 24.37 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.37 | / | / | 24.07 | / | / | <=33 | Pass |
| | | Inner_Full | 21.36 | / | / | 24.06 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.94 | / | / | 23.64 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.48 | / | / | 24.18 | / | / | <=33 | Pass |
| | 2640 | Outer_Full | 21.42 | / | / | 24.12 | / | / | <=33 | Pass |
| | | Inner_Full | 21.39 | / | / | 24.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.01 | / | / | 23.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.49 | / | / | 24.19 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2546.01 | Outer_Full | 22.84 | / | / | 25.54 | / | / | <=33 | Pass |
| | | Inner_Full | 24.89 | / | / | 27.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.84 | / | / | 27.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.08 | / | / | 27.78 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.84 | / | / | 25.54 | / | / | <=33 | Pass |
| | | Inner_Full | 24.78 | / | / | 27.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.75 | / | / | 27.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.14 | / | / | 27.84 | / | / | <=33 | Pass |
| | 2640 | Outer_Full | 22.91 | / | / | 25.61 | / | / | <=33 | Pass |
| | | Inner_Full | 24.86 | / | / | 27.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.64 | / | / | 27.34 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 25.14 | / | / | 27.84 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2546.01 | Outer_Full | 22.40 | / | / | 25.10 | / | / | <=33 | Pass |
| | | Inner_Full | 24.47 | / | / | 27.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.39 | / | / | 27.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.74 | / | / | 27.44 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.37 | / | / | 25.07 | / | / | <=33 | Pass |
| | | Inner_Full | 24.38 | / | / | 27.08 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.29 | / | / | 26.99 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.75 | / | / | 27.45 | / | / | <=33 | Pass |
| | 2640 | Outer_Full | 22.40 | / | / | 25.10 | / | / | <=33 | Pass |
| | | Inner_Full | 24.41 | / | / | 27.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 24.25 | / | / | 26.95 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 24.79 | / | / | 27.49 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2546.01 | Outer_Full | 22.33 | / | / | 25.03 | / | / | <=33 | Pass |
| | | Inner_Full | 22.84 | / | / | 25.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.86 | / | / | 25.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.14 | / | / | 25.84 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.37 | / | / | 25.07 | / | / | <=33 | Pass |
| | | Inner_Full | 22.77 | / | / | 25.47 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.79 | / | / | 25.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.40 | / | / | 26.10 | / | / | <=33 | Pass |
| | 2640 | Outer_Full | 22.40 | / | / | 25.10 | / | / | <=33 | Pass |
| | | Inner_Full | 22.83 | / | / | 25.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.69 | / | / | 25.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 23.26 | / | / | 25.96 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2546.01 | Outer_Full | 19.58 | / | / | 22.28 | / | / | <=33 | Pass |
| | | Inner_Full | 19.53 | / | / | 22.23 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.35 | / | / | 22.05 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.73 | / | / | 22.43 | / | / | <=33 | Pass |
| | 2592.99 | Outer_Full | 19.55 | / | / | 22.25 | / | / | <=33 | Pass |
| | | Inner_Full | 19.43 | / | / | 22.13 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.26 | / | / | 21.96 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.86 | / | / | 22.56 | / | / | <=33 | Pass |
| | 2640 | Outer_Full | 19.58 | / | / | 22.28 | / | / | <=33 | Pass |
| | | Inner_Full | 19.56 | / | / | 22.26 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.14 | / | / | 21.84 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.81 | / | / | 22.51 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.15 30_M_10M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 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 | 2501.01 | Outer_Full | 24.36 | 24.48 | 27.43 | 27.06 | 27.18 | 30.13 | <=33 | Pass |
| | | Inner_Full | 26.11 | 26.23 | 29.18 | 28.81 | 28.93 | 31.88 | <=33 | Pass |
| | | Inner_1RB_Left | 26.02 | 26.16 | 29.10 | 28.72 | 28.86 | 31.80 | <=33 | Pass |
| | | Inner_1RB_Right | 26.05 | 26.14 | 29.11 | 28.75 | 28.84 | 31.81 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.50 | 24.48 | 27.50 | 27.20 | 27.18 | 30.20 | <=33 | Pass |
| | | Inner_Full | 26.08 | 26.07 | 29.08 | 28.78 | 28.77 | 31.79 | <=33 | Pass |
| | | Inner_1RB_Left | 26.05 | 26.02 | 29.04 | 28.75 | 28.72 | 31.75 | <=33 | Pass |
| | | Inner_1RB_Right | 26.16 | 26.15 | 29.16 | 28.86 | 28.85 | 31.87 | <=33 | Pass |
| | 2685 | Outer_Full | 24.61 | 24.67 | 27.65 | 27.31 | 27.37 | 30.35 | <=33 | Pass |
| | | Inner_Full | 26.19 | 26.25 | 29.23 | 28.89 | 28.95 | 31.93 | <=33 | Pass |
| | | Inner_1RB_Left | 26.15 | 26.20 | 29.18 | 28.85 | 28.90 | 31.89 | <=33 | Pass |
| | | Inner_1RB_Right | 26.23 | 26.31 | 29.28 | 28.93 | 29.01 | 31.98 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2501.01 | Outer_Full | 23.93 | 24.05 | 27.00 | 26.63 | 26.75 | 29.70 | <=33 | Pass |
| | | Inner_Full | 25.95 | 26.07 | 29.02 | 28.65 | 28.77 | 31.72 | <=33 | Pass |
| | | Inner_1RB_Left | 25.99 | 26.13 | 29.07 | 28.69 | 28.83 | 31.77 | <=33 | Pass |
| | | Inner_1RB_Right | 25.98 | 26.06 | 29.03 | 28.68 | 28.76 | 31.73 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.97 | 23.95 | 26.97 | 26.67 | 26.65 | 29.67 | <=33 | Pass |
| | | Inner_Full | 26.08 | 26.07 | 29.09 | 28.78 | 28.77 | 31.79 | <=33 | Pass |
| | | Inner_1RB_Left | 26.01 | 25.98 | 29.01 | 28.71 | 28.68 | 31.71 | <=33 | Pass |
| | | Inner_1RB_Right | 26.09 | 26.08 | 29.10 | 28.79 | 28.78 | 31.80 | <=33 | Pass |
| | 2685 | Outer_Full | 24.03 | 24.09 | 27.07 | 26.73 | 26.79 | 29.77 | <=33 | Pass |
| | | Inner_Full | 26.06 | 26.12 | 29.10 | 28.76 | 28.82 | 31.80 | <=33 | Pass |
| | | Inner_1RB_Left | 26.08 | 26.13 | 29.11 | 28.78 | 28.83 | 31.82 | <=33 | Pass |
| | | Inner_1RB_Right | 26.06 | 26.14 | 29.11 | 28.76 | 28.84 | 31.81 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2501.01 | Outer_Full | 23.90 | 24.02 | 26.97 | 26.60 | 26.72 | 29.67 | <=33 | Pass |
| | | Inner_Full | 24.93 | 25.06 | 28.01 | 27.63 | 27.76 | 30.71 | <=33 | Pass |
| | | Inner_1RB_Left | 25.04 | 25.18 | 28.12 | 27.74 | 27.88 | 30.82 | <=33 | Pass |
| | | Inner_1RB_Right | 25.07 | 25.16 | 28.13 | 27.77 | 27.86 | 30.83 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.95 | 23.94 | 26.95 | 26.65 | 26.64 | 29.66 | <=33 | Pass |
| | | Inner_Full | 25.02 | 25.00 | 28.02 | 27.72 | 27.70 | 30.72 | <=33 | Pass |
| | | Inner_1RB_Left | 25.15 | 25.12 | 28.15 | 27.85 | 27.82 | 30.85 | <=33 | Pass |
| | | Inner_1RB_Right | 25.12 | 25.11 | 28.13 | 27.82 | 27.81 | 30.83 | <=33 | Pass |
| | 2685 | Outer_Full | 24.04 | 24.11 | 27.08 | 26.74 | 26.81 | 29.79 | <=33 | Pass |
| | | Inner_Full | 25.00 | 25.06 | 28.04 | 27.70 | 27.76 | 30.74 | <=33 | Pass |
| | | Inner_1RB_Left | 25.09 | 25.15 | 28.13 | 27.79 | 27.85 | 30.83 | <=33 | Pass |
| | | Inner_1RB_Right | 25.20 | 25.28 | 28.25 | 27.90 | 27.98 | 30.95 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2501.01 | Outer_Full | 23.04 | 23.16 | 26.11 | 25.74 | 25.86 | 28.81 | <=33 | Pass |
| | | Inner_Full | 23.00 | 23.12 | 26.07 | 25.70 | 25.82 | 28.77 | <=33 | Pass |
| | | Inner_1RB_Left | 22.97 | 23.11 | 26.05 | 25.67 | 25.81 | 28.75 | <=33 | Pass |
| | | Inner_1RB_Right | 23.02 | 23.11 | 26.08 | 25.72 | 25.81 | 28.78 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.03 | 23.01 | 26.03 | 25.73 | 25.71 | 28.73 | <=33 | Pass |
| | | Inner_Full | 23.07 | 23.05 | 26.07 | 25.77 | 25.75 | 28.77 | <=33 | Pass |
| | | Inner_1RB_Left | 22.95 | 22.92 | 25.95 | 25.65 | 25.62 | 28.65 | <=33 | Pass |
| | | Inner_1RB_Right | 23.06 | 23.05 | 26.06 | 25.76 | 25.75 | 28.77 | <=33 | Pass |
| | 2685 | Outer_Full | 23.11 | 23.18 | 26.15 | 25.81 | 25.88 | 28.86 | <=33 | Pass |
| | | Inner_Full | 23.07 | 23.14 | 26.12 | 25.77 | 25.84 | 28.82 | <=33 | Pass |
| | | Inner_1RB_Left | 23.10 | 23.15 | 26.13 | 25.80 | 25.85 | 28.84 | <=33 | Pass |
| | | Inner_1RB_Right | 23.13 | 23.21 | 26.18 | 25.83 | 25.91 | 28.88 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2501.01 | Outer_Full | 20.36 | 20.49 | 23.43 | 23.06 | 23.19 | 26.14 | <=33 | Pass |
| | | Inner_Full | 20.43 | 20.55 | 23.50 | 23.13 | 23.25 | 26.20 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.18 | 20.32 | 23.26 | 22.88 | 23.02 | 25.96 | <=33 | Pass |
| | | Inner_1RB_Right | 20.19 | 20.28 | 23.25 | 22.89 | 22.98 | 25.95 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.42 | 20.40 | 23.42 | 23.12 | 23.10 | 26.12 | <=33 | Pass |
| | | Inner_Full | 20.49 | 20.48 | 23.49 | 23.19 | 23.18 | 26.20 | <=33 | Pass |
| | | Inner_1RB_Left | 20.11 | 20.08 | 23.10 | 22.81 | 22.78 | 25.81 | <=33 | Pass |
| | | Inner_1RB_Right | 20.17 | 20.16 | 23.18 | 22.87 | 22.86 | 25.88 | <=33 | Pass |
| | 2685 | Outer_Full | 20.51 | 20.58 | 23.56 | 23.21 | 23.28 | 26.26 | <=33 | Pass |
| | | Inner_Full | 20.51 | 20.57 | 23.55 | 23.21 | 23.27 | 26.25 | <=33 | Pass |
| | | Inner_1RB_Left | 20.23 | 20.29 | 23.27 | 22.93 | 22.99 | 25.97 | <=33 | Pass |
| | | Inner_1RB_Right | 20.29 | 20.37 | 23.34 | 22.99 | 23.07 | 26.04 | <=33 | Pass |
| CP-OFDM QPSK | 2501.01 | Outer_Full | 22.02 | 22.14 | 25.09 | 24.72 | 24.84 | 27.79 | <=33 | Pass |
| | | Inner_Full | 23.97 | 24.09 | 27.04 | 26.67 | 26.79 | 29.74 | <=33 | Pass |
| | | Inner_1RB_Left | 24.17 | 24.31 | 27.25 | 26.87 | 27.01 | 29.95 | <=33 | Pass |
| | | Inner_1RB_Right | 24.25 | 24.33 | 27.30 | 26.95 | 27.03 | 30.00 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.03 | 22.01 | 25.03 | 24.73 | 24.71 | 27.73 | <=33 | Pass |
| | | Inner_Full | 24.02 | 24.01 | 27.03 | 26.72 | 26.71 | 29.73 | <=33 | Pass |
| | | Inner_1RB_Left | 24.18 | 24.15 | 27.17 | 26.88 | 26.85 | 29.88 | <=33 | Pass |
| | | Inner_1RB_Right | 24.22 | 24.21 | 27.23 | 26.92 | 26.91 | 29.93 | <=33 | Pass |
| | 2685 | Outer_Full | 22.12 | 22.18 | 25.16 | 24.82 | 24.88 | 27.86 | <=33 | Pass |
| | | Inner_Full | 24.13 | 24.19 | 27.17 | 26.83 | 26.89 | 29.87 | <=33 | Pass |
| | | Inner_1RB_Left | 24.24 | 24.30 | 27.28 | 26.94 | 27.00 | 29.98 | <=33 | Pass |
| | | Inner_1RB_Right | 24.28 | 24.35 | 27.33 | 26.98 | 27.05 | 30.03 | <=33 | Pass |
| CP-OFDM 16 QAM | 2501.01 | Outer_Full | 21.47 | 21.59 | 24.54 | 24.17 | 24.29 | 27.24 | <=33 | Pass |
| | | Inner_Full | 23.49 | 23.61 | 26.56 | 26.19 | 26.31 | 29.26 | <=33 | Pass |
| | | Inner_1RB_Left | 23.63 | 23.77 | 26.71 | 26.33 | 26.47 | 29.41 | <=33 | Pass |
| | | Inner_1RB_Right | 23.54 | 23.63 | 26.60 | 26.24 | 26.33 | 29.30 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.60 | 21.58 | 24.60 | 24.30 | 24.28 | 27.30 | <=33 | Pass |
| | | Inner_Full | 23.52 | 23.50 | 26.52 | 26.22 | 26.20 | 29.22 | <=33 | Pass |
| | | Inner_1RB_Left | 23.66 | 23.63 | 26.65 | 26.36 | 26.33 | 29.36 | <=33 | Pass |
| | | Inner_1RB_Right | 23.70 | 23.69 | 26.70 | 26.40 | 26.39 | 29.41 | <=33 | Pass |
| | 2685 | Outer_Full | 21.61 | 21.68 | 24.66 | 24.31 | 24.38 | 27.36 | <=33 | Pass |
| | | Inner_Full | 23.62 | 23.69 | 26.67 | 26.32 | 26.39 | 29.37 | <=33 | Pass |
| | | Inner_1RB_Left | 23.83 | 23.89 | 26.87 | 26.53 | 26.59 | 29.57 | <=33 | Pass |
| | | Inner_1RB_Right | 23.73 | 23.81 | 26.78 | 26.43 | 26.51 | 29.48 | <=33 | Pass |
| CP-OFDM 64 QAM | 2501.01 | Outer_Full | 21.98 | 22.10 | 25.05 | 24.68 | 24.80 | 27.75 | <=33 | Pass |
| | | Inner_Full | 21.99 | 22.11 | 25.06 | 24.69 | 24.81 | 27.76 | <=33 | Pass |
| | | Inner_1RB_Left | 22.07 | 22.21 | 25.15 | 24.77 | 24.91 | 27.85 | <=33 | Pass |
| | | Inner_1RB_Right | 22.02 | 22.11 | 25.07 | 24.72 | 24.81 | 27.78 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.02 | 22.01 | 25.02 | 24.72 | 24.71 | 27.73 | <=33 | Pass |
| | | Inner_Full | 22.07 | 22.06 | 25.08 | 24.77 | 24.76 | 27.78 | <=33 | Pass |
| | | Inner_1RB_Left | 22.12 | 22.09 | 25.11 | 24.82 | 24.79 | 27.82 | <=33 | Pass |
| | | Inner_1RB_Right | 22.11 | 22.10 | 25.12 | 24.81 | 24.80 | 27.82 | <=33 | Pass |
| | 2685 | Outer_Full | 22.13 | 22.19 | 25.17 | 24.83 | 24.89 | 27.87 | <=33 | Pass |
| | | Inner_Full | 22.08 | 22.15 | 25.12 | 24.78 | 24.85 | 27.83 | <=33 | Pass |
| | | Inner_1RB_Left | 22.02 | 22.08 | 25.06 | 24.72 | 24.78 | 27.76 | <=33 | Pass |
| | | Inner_1RB_Right | 22.04 | 22.12 | 25.09 | 24.74 | 24.82 | 27.79 | <=33 | Pass |
| CP-OFDM 256 QAM | 2501.01 | Outer_Full | 18.50 | 18.62 | 21.57 | 21.20 | 21.32 | 24.27 | <=33 | Pass |
| | | Inner_Full | 18.49 | 18.62 | 21.57 | 21.19 | 21.32 | 24.27 | <=33 | Pass |
| | | Inner_1RB_Left | 18.14 | 18.29 | 21.23 | 20.84 | 20.99 | 23.93 | <=33 | Pass |
| | | Inner_1RB_Right | 18.28 | 18.38 | 21.34 | 20.98 | 21.08 | 24.04 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.58 | 18.56 | 21.58 | 21.28 | 21.26 | 24.28 | <=33 | Pass |
| | | Inner_Full | 18.66 | 18.65 | 21.67 | 21.36 | 21.35 | 24.37 | <=33 | Pass |
| | | Inner_1RB_Left | 18.39 | 18.36 | 21.39 | 21.09 | 21.06 | 24.09 | <=33 | Pass |
| | | Inner_1RB_Right | 18.36 | 18.36 | 21.37 | 21.06 | 21.06 | 24.07 | <=33 | Pass |
| | 2685 | Outer_Full | 18.74 | 18.80 | 21.78 | 21.44 | 21.50 | 24.48 | <=33 | Pass |
| | | Inner_Full | 18.71 | 18.78 | 21.76 | 21.41 | 21.48 | 24.46 | <=33 | Pass |
| | | Inner_1RB_Left | 18.49 | 18.55 | 21.53 | 21.19 | 21.25 | 24.23 | <=33 | Pass |
| | | Inner_1RB_Right | 18.54 | 18.63 | 21.60 | 21.24 | 21.33 | 24.30 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.16 30_M_15M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 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 | 2503.5 | Outer_Full | 24.44 | 24.56 | 27.51 | 27.14 | 27.26 | 30.21 | <=33 | Pass |
| | | Inner_Full | 26.01 | 26.13 | 29.08 | 28.71 | 28.83 | 31.78 | <=33 | Pass |
| | | Inner_1RB_Left | 25.98 | 26.13 | 29.07 | 28.68 | 28.83 | 31.77 | <=33 | Pass |
| | | Inner_1RB_Right | 26.03 | 26.09 | 29.07 | 28.73 | 28.79 | 31.77 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.47 | 24.45 | 27.47 | 27.17 | 27.15 | 30.17 | <=33 | Pass |
| | | Inner_Full | 26.05 | 26.03 | 29.05 | 28.75 | 28.73 | 31.75 | <=33 | Pass |
| | | Inner_1RB_Left | 25.96 | 25.93 | 28.96 | 28.66 | 28.63 | 31.66 | <=33 | Pass |
| | | Inner_1RB_Right | 26.10 | 26.10 | 29.11 | 28.80 | 28.80 | 31.81 | <=33 | Pass |
| | 2682.48 | Outer_Full | 24.52 | 24.57 | 27.56 | 27.22 | 27.27 | 30.26 | <=33 | Pass |
| | | Inner_Full | 26.20 | 26.26 | 29.24 | 28.90 | 28.96 | 31.94 | <=33 | Pass |
| | | Inner_1RB_Left | 26.03 | 26.07 | 29.06 | 28.73 | 28.77 | 31.76 | <=33 | Pass |
| | | Inner_1RB_Right | 25.96 | 26.03 | 29.00 | 28.66 | 28.73 | 31.71 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2503.5 | Outer_Full | 23.90 | 24.03 | 26.98 | 26.60 | 26.73 | 29.68 | <=33 | Pass |
| | | Inner_Full | 26.06 | 26.18 | 29.13 | 28.76 | 28.88 | 31.83 | <=33 | Pass |
| | | Inner_1RB_Left | 25.85 | 26.00 | 28.94 | 28.55 | 28.70 | 31.64 | <=33 | Pass |
| | | Inner_1RB_Right | 25.91 | 25.98 | 28.96 | 28.61 | 28.68 | 31.66 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.96 | 23.94 | 26.96 | 26.66 | 26.64 | 29.66 | <=33 | Pass |
| | | Inner_Full | 26.17 | 26.16 | 29.18 | 28.87 | 28.86 | 31.88 | <=33 | Pass |
| | | Inner_1RB_Left | 26.00 | 25.96 | 28.99 | 28.70 | 28.66 | 31.69 | <=33 | Pass |
| | | Inner_1RB_Right | 26.11 | 26.10 | 29.11 | 28.81 | 28.80 | 31.82 | <=33 | Pass |
| | 2682.48 | Outer_Full | 24.08 | 24.14 | 27.12 | 26.78 | 26.84 | 29.82 | <=33 | Pass |
| | | Inner_Full | 26.20 | 26.25 | 29.23 | 28.90 | 28.95 | 31.94 | <=33 | Pass |
| | | Inner_1RB_Left | 26.07 | 26.11 | 29.10 | 28.77 | 28.81 | 31.80 | <=33 | Pass |
| | | Inner_1RB_Right | 25.99 | 26.06 | 29.03 | 28.69 | 28.76 | 31.74 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2503.5 | Outer_Full | 23.88 | 24.00 | 26.95 | 26.58 | 26.70 | 29.65 | <=33 | Pass |
| | | Inner_Full | 24.85 | 24.98 | 27.93 | 27.55 | 27.68 | 30.63 | <=33 | Pass |
| | | Inner_1RB_Left | 25.02 | 25.17 | 28.11 | 27.72 | 27.87 | 30.81 | <=33 | Pass |
| | | Inner_1RB_Right | 25.12 | 25.18 | 28.16 | 27.82 | 27.88 | 30.86 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.02 | 24.01 | 27.02 | 26.72 | 26.71 | 29.73 | <=33 | Pass |
| | | Inner_Full | 24.89 | 24.88 | 27.89 | 27.59 | 27.58 | 30.60 | <=33 | Pass |
| | | Inner_1RB_Left | 25.15 | 25.12 | 28.15 | 27.85 | 27.82 | 30.85 | <=33 | Pass |
| | | Inner_1RB_Right | 25.10 | 25.09 | 28.10 | 27.80 | 27.79 | 30.81 | <=33 | Pass |
| | 2682.48 | Outer_Full | 24.07 | 24.13 | 27.11 | 26.77 | 26.83 | 29.81 | <=33 | Pass |
| | | Inner_Full | 25.09 | 25.15 | 28.13 | 27.79 | 27.85 | 30.83 | <=33 | Pass |
| | | Inner_1RB_Left | 25.08 | 25.12 | 28.11 | 27.78 | 27.82 | 30.81 | <=33 | Pass |
| | | Inner_1RB_Right | 25.21 | 25.28 | 28.25 | 27.91 | 27.98 | 30.96 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2503.5 | Outer_Full | 22.95 | 23.07 | 26.02 | 25.65 | 25.77 | 28.72 | <=33 | Pass |
| | | Inner_Full | 22.99 | 23.12 | 26.06 | 25.69 | 25.82 | 28.77 | <=33 | Pass |
| | | Inner_1RB_Left | 22.90 | 23.06 | 25.99 | 25.60 | 25.76 | 28.69 | <=33 | Pass |
| | | Inner_1RB_Right | 23.00 | 23.06 | 26.04 | 25.70 | 25.76 | 28.74 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.99 | 22.97 | 25.99 | 25.69 | 25.67 | 28.69 | <=33 | Pass |
| | | Inner_Full | 23.04 | 23.03 | 26.04 | 25.74 | 25.73 | 28.75 | <=33 | Pass |
| | | Inner_1RB_Left | 22.99 | 22.96 | 25.98 | 25.69 | 25.66 | 28.69 | <=33 | Pass |
| | | Inner_1RB_Right | 23.09 | 23.09 | 26.10 | 25.79 | 25.79 | 28.80 | <=33 | Pass |
| | 2682.48 | Outer_Full | 22.96 | 23.02 | 26.00 | 25.66 | 25.72 | 28.70 | <=33 | Pass |
| | | Inner_Full | 23.12 | 23.18 | 26.16 | 25.82 | 25.88 | 28.86 | <=33 | Pass |
| | | Inner_1RB_Left | 22.98 | 23.02 | 26.01 | 25.68 | 25.72 | 28.71 | <=33 | Pass |
| | | Inner_1RB_Right | 23.05 | 23.12 | 26.09 | 25.75 | 25.82 | 28.80 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2503.5 | Outer_Full | 20.38 | 20.50 | 23.45 | 23.08 | 23.20 | 26.15 | <=33 | Pass |
| | | Inner_Full | 20.37 | 20.50 | 23.45 | 23.07 | 23.20 | 26.15 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.06 | 20.22 | 23.15 | 22.76 | 22.92 | 25.85 | <=33 | Pass |
| | | Inner_1RB_Right | 20.08 | 20.14 | 23.12 | 22.78 | 22.84 | 25.82 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.42 | 20.41 | 23.43 | 23.12 | 23.11 | 26.13 | <=33 | Pass |
| | | Inner_Full | 20.42 | 20.41 | 23.43 | 23.12 | 23.11 | 26.13 | <=33 | Pass |
| | | Inner_1RB_Left | 20.17 | 20.14 | 23.17 | 22.87 | 22.84 | 25.87 | <=33 | Pass |
| | | Inner_1RB_Right | 20.38 | 20.38 | 23.39 | 23.08 | 23.08 | 26.09 | <=33 | Pass |
| | 2682.48 | Outer_Full | 20.40 | 20.46 | 23.44 | 23.10 | 23.16 | 26.14 | <=33 | Pass |
| | | Inner_Full | 20.41 | 20.47 | 23.45 | 23.11 | 23.17 | 26.15 | <=33 | Pass |
| | | Inner_1RB_Left | 20.07 | 20.12 | 23.11 | 22.77 | 22.82 | 25.81 | <=33 | Pass |
| | | Inner_1RB_Right | 20.14 | 20.22 | 23.19 | 22.84 | 22.92 | 25.89 | <=33 | Pass |
| CP-OFDM QPSK | 2503.5 | Outer_Full | 22.00 | 22.12 | 25.07 | 24.70 | 24.82 | 27.77 | <=33 | Pass |
| | | Inner_Full | 24.22 | 24.34 | 27.29 | 26.92 | 27.04 | 29.99 | <=33 | Pass |
| | | Inner_1RB_Left | 24.10 | 24.25 | 27.19 | 26.80 | 26.95 | 29.89 | <=33 | Pass |
| | | Inner_1RB_Right | 24.09 | 24.15 | 27.13 | 26.79 | 26.85 | 29.83 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.07 | 22.06 | 25.07 | 24.77 | 24.76 | 27.78 | <=33 | Pass |
| | | Inner_Full | 24.13 | 24.12 | 27.14 | 26.83 | 26.82 | 29.84 | <=33 | Pass |
| | | Inner_1RB_Left | 24.04 | 24.01 | 27.03 | 26.74 | 26.71 | 29.74 | <=33 | Pass |
| | | Inner_1RB_Right | 24.12 | 24.12 | 27.13 | 26.82 | 26.82 | 29.83 | <=33 | Pass |
| | 2682.48 | Outer_Full | 22.16 | 22.21 | 25.19 | 24.86 | 24.91 | 27.90 | <=33 | Pass |
| | | Inner_Full | 24.25 | 24.31 | 27.29 | 26.95 | 27.01 | 29.99 | <=33 | Pass |
| | | Inner_1RB_Left | 24.17 | 24.22 | 27.21 | 26.87 | 26.92 | 29.91 | <=33 | Pass |
| | | Inner_1RB_Right | 24.17 | 24.24 | 27.21 | 26.87 | 26.94 | 29.92 | <=33 | Pass |
| CP-OFDM 16 QAM | 2503.5 | Outer_Full | 21.48 | 21.59 | 24.55 | 24.18 | 24.29 | 27.25 | <=33 | Pass |
| | | Inner_Full | 23.61 | 23.73 | 26.68 | 26.31 | 26.43 | 29.38 | <=33 | Pass |
| | | Inner_1RB_Left | 23.62 | 23.77 | 26.71 | 26.32 | 26.47 | 29.41 | <=33 | Pass |
| | | Inner_1RB_Right | 23.58 | 23.63 | 26.62 | 26.28 | 26.33 | 29.32 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.57 | 21.56 | 24.57 | 24.27 | 24.26 | 27.28 | <=33 | Pass |
| | | Inner_Full | 23.58 | 23.57 | 26.58 | 26.28 | 26.27 | 29.29 | <=33 | Pass |
| | | Inner_1RB_Left | 23.50 | 23.47 | 26.49 | 26.20 | 26.17 | 29.20 | <=33 | Pass |
| | | Inner_1RB_Right | 23.61 | 23.61 | 26.62 | 26.31 | 26.31 | 29.32 | <=33 | Pass |
| | 2682.48 | Outer_Full | 21.46 | 21.52 | 24.50 | 24.16 | 24.22 | 27.20 | <=33 | Pass |
| | | Inner_Full | 23.61 | 23.67 | 26.65 | 26.31 | 26.37 | 29.35 | <=33 | Pass |
| | | Inner_1RB_Left | 23.62 | 23.66 | 26.65 | 26.32 | 26.36 | 29.35 | <=33 | Pass |
| | | Inner_1RB_Right | 23.66 | 23.73 | 26.71 | 26.36 | 26.43 | 29.41 | <=33 | Pass |
| CP-OFDM 64 QAM | 2503.5 | Outer_Full | 21.92 | 22.03 | 24.99 | 24.62 | 24.73 | 27.69 | <=33 | Pass |
| | | Inner_Full | 21.94 | 22.06 | 25.01 | 24.64 | 24.76 | 27.71 | <=33 | Pass |
| | | Inner_1RB_Left | 22.00 | 22.15 | 25.09 | 24.70 | 24.85 | 27.79 | <=33 | Pass |
| | | Inner_1RB_Right | 22.08 | 22.14 | 25.12 | 24.78 | 24.84 | 27.82 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.95 | 21.94 | 24.96 | 24.65 | 24.64 | 27.66 | <=33 | Pass |
| | | Inner_Full | 22.01 | 22.00 | 25.02 | 24.71 | 24.70 | 27.72 | <=33 | Pass |
| | | Inner_1RB_Left | 21.85 | 21.82 | 24.85 | 24.55 | 24.52 | 27.55 | <=33 | Pass |
| | | Inner_1RB_Right | 21.96 | 21.96 | 24.97 | 24.66 | 24.66 | 27.67 | <=33 | Pass |
| | 2682.48 | Outer_Full | 21.95 | 22.01 | 24.99 | 24.65 | 24.71 | 27.69 | <=33 | Pass |
| | | Inner_Full | 22.11 | 22.17 | 25.15 | 24.81 | 24.87 | 27.85 | <=33 | Pass |
| | | Inner_1RB_Left | 21.98 | 22.02 | 25.01 | 24.68 | 24.72 | 27.71 | <=33 | Pass |
| | | Inner_1RB_Right | 22.07 | 22.14 | 25.12 | 24.77 | 24.84 | 27.82 | <=33 | Pass |
| CP-OFDM 256 QAM | 2503.5 | Outer_Full | 18.60 | 18.71 | 21.66 | 21.30 | 21.41 | 24.37 | <=33 | Pass |
| | | Inner_Full | 18.67 | 18.79 | 21.74 | 21.37 | 21.49 | 24.44 | <=33 | Pass |
| | | Inner_1RB_Left | 18.34 | 18.49 | 21.43 | 21.04 | 21.19 | 24.13 | <=33 | Pass |
| | | Inner_1RB_Right | 18.26 | 18.31 | 21.30 | 20.96 | 21.01 | 24.00 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.69 | 18.68 | 21.69 | 21.39 | 21.38 | 24.40 | <=33 | Pass |
| | | Inner_Full | 18.70 | 18.69 | 21.71 | 21.40 | 21.39 | 24.41 | <=33 | Pass |
| | | Inner_1RB_Left | 18.28 | 18.25 | 21.27 | 20.98 | 20.95 | 23.98 | <=33 | Pass |
| | | Inner_1RB_Right | 18.45 | 18.45 | 21.46 | 21.15 | 21.15 | 24.16 | <=33 | Pass |
| | 2682.48 | Outer_Full | 18.65 | 18.71 | 21.69 | 21.35 | 21.41 | 24.39 | <=33 | Pass |
| | | Inner_Full | 18.71 | 18.77 | 21.75 | 21.41 | 21.47 | 24.45 | <=33 | Pass |
| | | Inner_1RB_Left | 18.41 | 18.45 | 21.44 | 21.11 | 21.15 | 24.14 | <=33 | Pass |
| | | Inner_1RB_Right | 18.39 | 18.46 | 21.43 | 21.09 | 21.16 | 24.14 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.17 30_M_20M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 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 | 2506.02 | Outer_Full | 24.50 | 24.59 | 27.55 | 27.20 | 27.29 | 30.26 | <=33 | Pass |
| | | Inner_Full | 26.03 | 26.11 | 29.08 | 28.73 | 28.81 | 31.78 | <=33 | Pass |
| | | Inner_1RB_Left | 25.87 | 26.02 | 28.96 | 28.57 | 28.72 | 31.66 | <=33 | Pass |
| | | Inner_1RB_Right | 26.00 | 26.03 | 29.02 | 28.70 | 28.73 | 31.73 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.58 | 24.56 | 27.58 | 27.28 | 27.26 | 30.28 | <=33 | Pass |
| | | Inner_Full | 26.09 | 26.07 | 29.09 | 28.79 | 28.77 | 31.79 | <=33 | Pass |
| | | Inner_1RB_Left | 25.94 | 25.90 | 28.93 | 28.64 | 28.60 | 31.63 | <=33 | Pass |
| | | Inner_1RB_Right | 26.10 | 26.09 | 29.11 | 28.80 | 28.79 | 31.81 | <=33 | Pass |
| | 2679.99 | Outer_Full | 24.58 | 24.63 | 27.61 | 27.28 | 27.33 | 30.32 | <=33 | Pass |
| | | Inner_Full | 26.08 | 26.13 | 29.12 | 28.78 | 28.83 | 31.82 | <=33 | Pass |
| | | Inner_1RB_Left | 25.95 | 25.98 | 28.98 | 28.65 | 28.68 | 31.68 | <=33 | Pass |
| | | Inner_1RB_Right | 26.02 | 26.08 | 29.06 | 28.72 | 28.78 | 31.76 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2506.02 | Outer_Full | 23.97 | 24.05 | 27.02 | 26.67 | 26.75 | 29.72 | <=33 | Pass |
| | | Inner_Full | 25.91 | 25.99 | 28.96 | 28.61 | 28.69 | 31.66 | <=33 | Pass |
| | | Inner_1RB_Left | 25.71 | 25.86 | 28.80 | 28.41 | 28.56 | 31.50 | <=33 | Pass |
| | | Inner_1RB_Right | 25.87 | 25.90 | 28.89 | 28.57 | 28.60 | 31.60 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.10 | 24.08 | 27.10 | 26.80 | 26.78 | 29.80 | <=33 | Pass |
| | | Inner_Full | 26.08 | 26.06 | 29.08 | 28.78 | 28.76 | 31.78 | <=33 | Pass |
| | | Inner_1RB_Left | 25.89 | 25.86 | 28.88 | 28.59 | 28.56 | 31.59 | <=33 | Pass |
| | | Inner_1RB_Right | 26.04 | 26.03 | 29.04 | 28.74 | 28.73 | 31.75 | <=33 | Pass |
| | 2679.99 | Outer_Full | 24.09 | 24.14 | 27.12 | 26.79 | 26.84 | 29.83 | <=33 | Pass |
| | | Inner_Full | 26.10 | 26.15 | 29.14 | 28.80 | 28.85 | 31.84 | <=33 | Pass |
| | | Inner_1RB_Left | 25.91 | 25.93 | 28.93 | 28.61 | 28.63 | 31.63 | <=33 | Pass |
| | | Inner_1RB_Right | 25.91 | 25.98 | 28.96 | 28.61 | 28.68 | 31.66 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2506.02 | Outer_Full | 23.90 | 23.98 | 26.95 | 26.60 | 26.68 | 29.65 | <=33 | Pass |
| | | Inner_Full | 24.94 | 25.02 | 27.99 | 27.64 | 27.72 | 30.69 | <=33 | Pass |
| | | Inner_1RB_Left | 24.98 | 25.13 | 28.07 | 27.68 | 27.83 | 30.77 | <=33 | Pass |
| | | Inner_1RB_Right | 25.08 | 25.11 | 28.11 | 27.78 | 27.81 | 30.81 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.03 | 24.01 | 27.03 | 26.73 | 26.71 | 29.73 | <=33 | Pass |
| | | Inner_Full | 25.01 | 24.99 | 28.01 | 27.71 | 27.69 | 30.71 | <=33 | Pass |
| | | Inner_1RB_Left | 24.93 | 24.89 | 27.92 | 27.63 | 27.59 | 30.62 | <=33 | Pass |
| | | Inner_1RB_Right | 25.06 | 25.05 | 28.06 | 27.76 | 27.75 | 30.77 | <=33 | Pass |
| | 2679.99 | Outer_Full | 23.95 | 24.00 | 26.99 | 26.65 | 26.70 | 29.69 | <=33 | Pass |
| | | Inner_Full | 25.19 | 25.25 | 28.23 | 27.89 | 27.95 | 30.93 | <=33 | Pass |
| | | Inner_1RB_Left | 25.06 | 25.09 | 28.09 | 27.76 | 27.79 | 30.79 | <=33 | Pass |
| | | Inner_1RB_Right | 25.17 | 25.23 | 28.21 | 27.87 | 27.93 | 30.91 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2506.02 | Outer_Full | 22.93 | 23.02 | 25.99 | 25.63 | 25.72 | 28.69 | <=33 | Pass |
| | | Inner_Full | 22.90 | 22.98 | 25.95 | 25.60 | 25.68 | 28.65 | <=33 | Pass |
| | | Inner_1RB_Left | 22.82 | 22.97 | 25.91 | 25.52 | 25.67 | 28.61 | <=33 | Pass |
| | | Inner_1RB_Right | 22.93 | 22.95 | 25.95 | 25.63 | 25.65 | 28.65 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.98 | 22.96 | 25.98 | 25.68 | 25.66 | 28.68 | <=33 | Pass |
| | | Inner_Full | 23.02 | 23.00 | 26.02 | 25.72 | 25.70 | 28.72 | <=33 | Pass |
| | | Inner_1RB_Left | 22.96 | 22.92 | 25.95 | 25.66 | 25.62 | 28.65 | <=33 | Pass |
| | | Inner_1RB_Right | 22.92 | 22.91 | 25.93 | 25.62 | 25.61 | 28.63 | <=33 | Pass |
| | 2679.99 | Outer_Full | 23.10 | 23.15 | 26.14 | 25.80 | 25.85 | 28.84 | <=33 | Pass |
| | | Inner_Full | 22.98 | 23.03 | 26.02 | 25.68 | 25.73 | 28.72 | <=33 | Pass |
| | | Inner_1RB_Left | 22.87 | 22.90 | 25.89 | 25.57 | 25.60 | 28.60 | <=33 | Pass |
| | | Inner_1RB_Right | 23.01 | 23.08 | 26.06 | 25.71 | 25.78 | 28.76 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2506.02 | Outer_Full | 20.36 | 20.44 | 23.41 | 23.06 | 23.14 | 26.11 | <=33 | Pass |
| | | Inner_Full | 20.33 | 20.42 | 23.39 | 23.03 | 23.12 | 26.09 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 19.92 | 20.08 | 23.01 | 22.62 | 22.78 | 25.71 | <=33 | Pass |
| | | Inner_1RB_Right | 20.10 | 20.12 | 23.12 | 22.80 | 22.82 | 25.82 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.48 | 20.46 | 23.48 | 23.18 | 23.16 | 26.18 | <=33 | Pass |
| | | Inner_Full | 20.46 | 20.45 | 23.47 | 23.16 | 23.15 | 26.17 | <=33 | Pass |
| | | Inner_1RB_Left | 20.02 | 19.98 | 23.01 | 22.72 | 22.68 | 25.71 | <=33 | Pass |
| | | Inner_1RB_Right | 20.09 | 20.09 | 23.10 | 22.79 | 22.79 | 25.80 | <=33 | Pass |
| | 2679.99 | Outer_Full | 20.42 | 20.47 | 23.46 | 23.12 | 23.17 | 26.16 | <=33 | Pass |
| | | Inner_Full | 20.42 | 20.48 | 23.46 | 23.12 | 23.18 | 26.16 | <=33 | Pass |
| | | Inner_1RB_Left | 19.97 | 20.00 | 22.99 | 22.67 | 22.70 | 25.70 | <=33 | Pass |
| | | Inner_1RB_Right | 20.19 | 20.26 | 23.24 | 22.89 | 22.96 | 25.94 | <=33 | Pass |
| CP-OFDM QPSK | 2506.02 | Outer_Full | 21.95 | 22.03 | 25.00 | 24.65 | 24.73 | 27.70 | <=33 | Pass |
| | | Inner_Full | 24.02 | 24.10 | 27.07 | 26.72 | 26.80 | 29.77 | <=33 | Pass |
| | | Inner_1RB_Left | 24.06 | 24.21 | 27.15 | 26.76 | 26.91 | 29.85 | <=33 | Pass |
| | | Inner_1RB_Right | 24.18 | 24.20 | 27.20 | 26.88 | 26.90 | 29.90 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.06 | 22.04 | 25.06 | 24.76 | 24.74 | 27.76 | <=33 | Pass |
| | | Inner_Full | 23.98 | 23.96 | 26.98 | 26.68 | 26.66 | 29.68 | <=33 | Pass |
| | | Inner_1RB_Left | 23.98 | 23.94 | 26.97 | 26.68 | 26.64 | 29.67 | <=33 | Pass |
| | | Inner_1RB_Right | 24.06 | 24.06 | 27.07 | 26.76 | 26.76 | 29.77 | <=33 | Pass |
| | 2679.99 | Outer_Full | 22.07 | 22.12 | 25.11 | 24.77 | 24.82 | 27.81 | <=33 | Pass |
| | | Inner_Full | 24.10 | 24.15 | 27.14 | 26.80 | 26.85 | 29.84 | <=33 | Pass |
| | | Inner_1RB_Left | 24.10 | 24.13 | 27.12 | 26.80 | 26.83 | 29.83 | <=33 | Pass |
| | | Inner_1RB_Right | 24.21 | 24.27 | 27.25 | 26.91 | 26.97 | 29.95 | <=33 | Pass |
| CP-OFDM 16 QAM | 2506.02 | Outer_Full | 21.37 | 21.45 | 24.42 | 24.07 | 24.15 | 27.12 | <=33 | Pass |
| | | Inner_Full | 23.51 | 23.59 | 26.56 | 26.21 | 26.29 | 29.26 | <=33 | Pass |
| | | Inner_1RB_Left | 23.51 | 23.66 | 26.60 | 26.21 | 26.36 | 29.30 | <=33 | Pass |
| | | Inner_1RB_Right | 23.70 | 23.72 | 26.72 | 26.40 | 26.42 | 29.42 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.51 | 21.49 | 24.51 | 24.21 | 24.19 | 27.21 | <=33 | Pass |
| | | Inner_Full | 23.58 | 23.56 | 26.58 | 26.28 | 26.26 | 29.28 | <=33 | Pass |
| | | Inner_1RB_Left | 23.62 | 23.59 | 26.61 | 26.32 | 26.29 | 29.32 | <=33 | Pass |
| | | Inner_1RB_Right | 23.56 | 23.55 | 26.57 | 26.26 | 26.25 | 29.27 | <=33 | Pass |
| | 2679.99 | Outer_Full | 21.50 | 21.55 | 24.54 | 24.20 | 24.25 | 27.24 | <=33 | Pass |
| | | Inner_Full | 23.62 | 23.67 | 26.66 | 26.32 | 26.37 | 29.36 | <=33 | Pass |
| | | Inner_1RB_Left | 23.54 | 23.58 | 26.57 | 26.24 | 26.28 | 29.27 | <=33 | Pass |
| | | Inner_1RB_Right | 23.75 | 23.81 | 26.79 | 26.45 | 26.51 | 29.49 | <=33 | Pass |
| CP-OFDM 64 QAM | 2506.02 | Outer_Full | 21.84 | 21.93 | 24.89 | 24.54 | 24.63 | 27.60 | <=33 | Pass |
| | | Inner_Full | 21.93 | 22.01 | 24.98 | 24.63 | 24.71 | 27.68 | <=33 | Pass |
| | | Inner_1RB_Left | 22.00 | 22.15 | 25.08 | 24.70 | 24.85 | 27.79 | <=33 | Pass |
| | | Inner_1RB_Right | 21.86 | 21.88 | 24.88 | 24.56 | 24.58 | 27.58 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.92 | 21.91 | 24.93 | 24.62 | 24.61 | 27.63 | <=33 | Pass |
| | | Inner_Full | 22.01 | 21.99 | 25.01 | 24.71 | 24.69 | 27.71 | <=33 | Pass |
| | | Inner_1RB_Left | 21.97 | 21.93 | 24.96 | 24.67 | 24.63 | 27.66 | <=33 | Pass |
| | | Inner_1RB_Right | 22.11 | 22.10 | 25.11 | 24.81 | 24.80 | 27.82 | <=33 | Pass |
| | 2679.99 | Outer_Full | 21.93 | 21.98 | 24.96 | 24.63 | 24.68 | 27.67 | <=33 | Pass |
| | | Inner_Full | 21.95 | 22.00 | 24.99 | 24.65 | 24.70 | 27.69 | <=33 | Pass |
| | | Inner_1RB_Left | 22.00 | 22.04 | 25.03 | 24.70 | 24.74 | 27.73 | <=33 | Pass |
| | | Inner_1RB_Right | 22.17 | 22.23 | 25.21 | 24.87 | 24.93 | 27.91 | <=33 | Pass |
| CP-OFDM 256 QAM | 2506.02 | Outer_Full | 18.60 | 18.68 | 21.65 | 21.30 | 21.38 | 24.35 | <=33 | Pass |
| | | Inner_Full | 18.60 | 18.69 | 21.65 | 21.30 | 21.39 | 24.36 | <=33 | Pass |
| | | Inner_1RB_Left | 18.26 | 18.41 | 21.35 | 20.96 | 21.11 | 24.05 | <=33 | Pass |
| | | Inner_1RB_Right | 18.12 | 18.15 | 21.15 | 20.82 | 20.85 | 23.85 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.67 | 18.65 | 21.67 | 21.37 | 21.35 | 24.37 | <=33 | Pass |
| | | Inner_Full | 18.61 | 18.59 | 21.61 | 21.31 | 21.29 | 24.31 | <=33 | Pass |
| | | Inner_1RB_Left | 18.31 | 18.28 | 21.31 | 21.01 | 20.98 | 24.01 | <=33 | Pass |
| | | Inner_1RB_Right | 18.44 | 18.44 | 21.45 | 21.14 | 21.14 | 24.15 | <=33 | Pass |
| | 2679.99 | Outer_Full | 18.64 | 18.70 | 21.68 | 21.34 | 21.40 | 24.38 | <=33 | Pass |
| | | Inner_Full | 18.60 | 18.66 | 21.64 | 21.30 | 21.36 | 24.34 | <=33 | Pass |
| | | Inner_1RB_Left | 18.30 | 18.34 | 21.33 | 21.00 | 21.04 | 24.03 | <=33 | Pass |
| | | Inner_1RB_Right | 18.30 | 18.36 | 21.34 | 21.00 | 21.06 | 24.04 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.18 30_M_25M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 25MHz 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 | 2508.51 | Outer_Full | 24.44 | 24.53 | 27.50 | 27.14 | 27.23 | 30.20 | <=33 | Pass |
| | | Inner_Full | 26.06 | 26.14 | 29.11 | 28.76 | 28.84 | 31.81 | <=33 | Pass |
| | | Inner_1RB_Left | 26.02 | 26.19 | 29.11 | 28.72 | 28.89 | 31.82 | <=33 | Pass |
| | | Inner_1RB_Right | 26.16 | 26.20 | 29.19 | 28.86 | 28.90 | 31.89 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.48 | 24.46 | 27.48 | 27.18 | 27.16 | 30.18 | <=33 | Pass |
| | | Inner_Full | 26.06 | 26.05 | 29.06 | 28.76 | 28.75 | 31.77 | <=33 | Pass |
| | | Inner_1RB_Left | 26.11 | 26.08 | 29.11 | 28.81 | 28.78 | 31.81 | <=33 | Pass |
| | | Inner_1RB_Right | 26.10 | 26.10 | 29.11 | 28.80 | 28.80 | 31.81 | <=33 | Pass |
| | 2677.5 | Outer_Full | 24.55 | 24.62 | 27.59 | 27.25 | 27.32 | 30.30 | <=33 | Pass |
| | | Inner_Full | 26.14 | 26.20 | 29.18 | 28.84 | 28.90 | 31.88 | <=33 | Pass |
| | | Inner_1RB_Left | 26.04 | 26.10 | 29.08 | 28.74 | 28.80 | 31.78 | <=33 | Pass |
| | | Inner_1RB_Right | 26.19 | 26.29 | 29.25 | 28.89 | 28.99 | 31.95 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2508.51 | Outer_Full | 24.00 | 24.09 | 27.06 | 26.70 | 26.79 | 29.76 | <=33 | Pass |
| | | Inner_Full | 25.94 | 26.02 | 28.99 | 28.64 | 28.72 | 31.69 | <=33 | Pass |
| | | Inner_1RB_Left | 26.05 | 26.22 | 29.15 | 28.75 | 28.92 | 31.85 | <=33 | Pass |
| | | Inner_1RB_Right | 26.06 | 26.10 | 29.09 | 28.76 | 28.80 | 31.79 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.99 | 23.97 | 26.99 | 26.69 | 26.67 | 29.69 | <=33 | Pass |
| | | Inner_Full | 25.99 | 25.98 | 28.99 | 28.69 | 28.68 | 31.70 | <=33 | Pass |
| | | Inner_1RB_Left | 26.07 | 26.04 | 29.07 | 28.77 | 28.74 | 31.77 | <=33 | Pass |
| | | Inner_1RB_Right | 26.13 | 26.12 | 29.13 | 28.83 | 28.82 | 31.84 | <=33 | Pass |
| | 2677.5 | Outer_Full | 24.02 | 24.09 | 27.07 | 26.72 | 26.79 | 29.77 | <=33 | Pass |
| | | Inner_Full | 26.10 | 26.17 | 29.15 | 28.80 | 28.87 | 31.85 | <=33 | Pass |
| | | Inner_1RB_Left | 26.02 | 26.09 | 29.07 | 28.72 | 28.79 | 31.77 | <=33 | Pass |
| | | Inner_1RB_Right | 26.21 | 26.30 | 29.26 | 28.91 | 29.00 | 31.97 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2508.51 | Outer_Full | 24.01 | 24.10 | 27.06 | 26.71 | 26.80 | 29.77 | <=33 | Pass |
| | | Inner_Full | 24.93 | 25.01 | 27.98 | 27.63 | 27.71 | 30.68 | <=33 | Pass |
| | | Inner_1RB_Left | 25.15 | 25.32 | 28.25 | 27.85 | 28.02 | 30.95 | <=33 | Pass |
| | | Inner_1RB_Right | 25.27 | 25.31 | 28.30 | 27.97 | 28.01 | 31.00 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.96 | 23.94 | 26.96 | 26.66 | 26.64 | 29.66 | <=33 | Pass |
| | | Inner_Full | 24.93 | 24.91 | 27.93 | 27.63 | 27.61 | 30.63 | <=33 | Pass |
| | | Inner_1RB_Left | 25.09 | 25.05 | 28.08 | 27.79 | 27.75 | 30.78 | <=33 | Pass |
| | | Inner_1RB_Right | 25.18 | 25.17 | 28.19 | 27.88 | 27.87 | 30.89 | <=33 | Pass |
| | 2677.5 | Outer_Full | 24.07 | 24.14 | 27.11 | 26.77 | 26.84 | 29.82 | <=33 | Pass |
| | | Inner_Full | 25.00 | 25.07 | 28.05 | 27.70 | 27.77 | 30.75 | <=33 | Pass |
| | | Inner_1RB_Left | 25.06 | 25.13 | 28.10 | 27.76 | 27.83 | 30.81 | <=33 | Pass |
| | | Inner_1RB_Right | 25.31 | 25.40 | 28.37 | 28.01 | 28.10 | 31.07 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2508.51 | Outer_Full | 23.00 | 23.09 | 26.06 | 25.70 | 25.79 | 28.76 | <=33 | Pass |
| | | Inner_Full | 23.02 | 23.10 | 26.07 | 25.72 | 25.80 | 28.77 | <=33 | Pass |
| | | Inner_1RB_Left | 22.96 | 23.13 | 26.05 | 25.66 | 25.83 | 28.76 | <=33 | Pass |
| | | Inner_1RB_Right | 23.06 | 23.10 | 26.09 | 25.76 | 25.80 | 28.79 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.97 | 22.95 | 25.97 | 25.67 | 25.65 | 28.67 | <=33 | Pass |
| | | Inner_Full | 22.98 | 22.97 | 25.99 | 25.68 | 25.67 | 28.69 | <=33 | Pass |
| | | Inner_1RB_Left | 23.03 | 23.00 | 26.03 | 25.73 | 25.70 | 28.73 | <=33 | Pass |
| | | Inner_1RB_Right | 23.07 | 23.07 | 26.08 | 25.77 | 25.77 | 28.78 | <=33 | Pass |
| | 2677.5 | Outer_Full | 23.08 | 23.15 | 26.12 | 25.78 | 25.85 | 28.83 | <=33 | Pass |
| | | Inner_Full | 23.09 | 23.16 | 26.13 | 25.79 | 25.86 | 28.84 | <=33 | Pass |
| | | Inner_1RB_Left | 22.99 | 23.05 | 26.03 | 25.69 | 25.75 | 28.73 | <=33 | Pass |
| | | Inner_1RB_Right | 23.14 | 23.24 | 26.20 | 25.84 | 25.94 | 28.90 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2508.51 | Outer_Full | 20.45 | 20.54 | 23.50 | 23.15 | 23.24 | 26.21 | <=33 | Pass |
| | | Inner_Full | 20.32 | 20.40 | 23.37 | 23.02 | 23.10 | 26.07 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.07 | 20.24 | 23.17 | 22.77 | 22.94 | 25.87 | <=33 | Pass |
| | | Inner_1RB_Right | 20.26 | 20.30 | 23.29 | 22.96 | 23.00 | 25.99 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.47 | 20.46 | 23.47 | 23.17 | 23.16 | 26.18 | <=33 | Pass |
| | | Inner_Full | 20.45 | 20.44 | 23.46 | 23.15 | 23.14 | 26.16 | <=33 | Pass |
| | | Inner_1RB_Left | 20.17 | 20.14 | 23.17 | 22.87 | 22.84 | 25.87 | <=33 | Pass |
| | | Inner_1RB_Right | 20.25 | 20.25 | 23.26 | 22.95 | 22.95 | 25.96 | <=33 | Pass |
| | 2677.5 | Outer_Full | 20.48 | 20.56 | 23.53 | 23.18 | 23.26 | 26.23 | <=33 | Pass |
| | | Inner_Full | 20.43 | 20.50 | 23.48 | 23.13 | 23.20 | 26.18 | <=33 | Pass |
| | | Inner_1RB_Left | 20.13 | 20.20 | 23.17 | 22.83 | 22.90 | 25.88 | <=33 | Pass |
| | | Inner_1RB_Right | 20.30 | 20.40 | 23.36 | 23.00 | 23.10 | 26.06 | <=33 | Pass |
| CP-OFDM QPSK | 2508.51 | Outer_Full | 22.05 | 22.14 | 25.10 | 24.75 | 24.84 | 27.81 | <=33 | Pass |
| | | Inner_Full | 24.09 | 24.17 | 27.14 | 26.79 | 26.87 | 29.84 | <=33 | Pass |
| | | Inner_1RB_Left | 23.96 | 24.13 | 27.06 | 26.66 | 26.83 | 29.76 | <=33 | Pass |
| | | Inner_1RB_Right | 24.18 | 24.22 | 27.21 | 26.88 | 26.92 | 29.91 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.02 | 22.01 | 25.03 | 24.72 | 24.71 | 27.73 | <=33 | Pass |
| | | Inner_Full | 24.02 | 24.01 | 27.03 | 26.72 | 26.71 | 29.73 | <=33 | Pass |
| | | Inner_1RB_Left | 24.17 | 24.13 | 27.16 | 26.87 | 26.83 | 29.86 | <=33 | Pass |
| | | Inner_1RB_Right | 24.07 | 24.07 | 27.08 | 26.77 | 26.77 | 29.78 | <=33 | Pass |
| | 2677.5 | Outer_Full | 22.12 | 22.19 | 25.16 | 24.82 | 24.89 | 27.87 | <=33 | Pass |
| | | Inner_Full | 24.12 | 24.19 | 27.17 | 26.82 | 26.89 | 29.87 | <=33 | Pass |
| | | Inner_1RB_Left | 24.09 | 24.16 | 27.14 | 26.79 | 26.86 | 29.84 | <=33 | Pass |
| | | Inner_1RB_Right | 24.16 | 24.26 | 27.22 | 26.86 | 26.96 | 29.92 | <=33 | Pass |
| CP-OFDM 16 QAM | 2508.51 | Outer_Full | 21.47 | 21.56 | 24.53 | 24.17 | 24.26 | 27.23 | <=33 | Pass |
| | | Inner_Full | 23.50 | 23.58 | 26.55 | 26.20 | 26.28 | 29.25 | <=33 | Pass |
| | | Inner_1RB_Left | 23.58 | 23.75 | 26.67 | 26.28 | 26.45 | 29.38 | <=33 | Pass |
| | | Inner_1RB_Right | 23.58 | 23.63 | 26.62 | 26.28 | 26.33 | 29.32 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.45 | 21.43 | 24.45 | 24.15 | 24.13 | 27.15 | <=33 | Pass |
| | | Inner_Full | 23.52 | 23.50 | 26.52 | 26.22 | 26.20 | 29.22 | <=33 | Pass |
| | | Inner_1RB_Left | 23.73 | 23.70 | 26.73 | 26.43 | 26.40 | 29.43 | <=33 | Pass |
| | | Inner_1RB_Right | 23.75 | 23.74 | 26.75 | 26.45 | 26.44 | 29.46 | <=33 | Pass |
| | 2677.5 | Outer_Full | 21.52 | 21.59 | 24.57 | 24.22 | 24.29 | 27.27 | <=33 | Pass |
| | | Inner_Full | 23.67 | 23.74 | 26.72 | 26.37 | 26.44 | 29.42 | <=33 | Pass |
| | | Inner_1RB_Left | 23.69 | 23.76 | 26.74 | 26.39 | 26.46 | 29.44 | <=33 | Pass |
| | | Inner_1RB_Right | 23.71 | 23.81 | 26.77 | 26.41 | 26.51 | 29.47 | <=33 | Pass |
| CP-OFDM 64 QAM | 2508.51 | Outer_Full | 22.00 | 22.09 | 25.06 | 24.70 | 24.79 | 27.76 | <=33 | Pass |
| | | Inner_Full | 21.95 | 22.03 | 25.00 | 24.65 | 24.73 | 27.70 | <=33 | Pass |
| | | Inner_1RB_Left | 22.11 | 22.28 | 25.21 | 24.81 | 24.98 | 27.91 | <=33 | Pass |
| | | Inner_1RB_Right | 22.14 | 22.19 | 25.18 | 24.84 | 24.89 | 27.88 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.94 | 21.93 | 24.94 | 24.64 | 24.63 | 27.65 | <=33 | Pass |
| | | Inner_Full | 21.87 | 21.86 | 24.88 | 24.57 | 24.56 | 27.58 | <=33 | Pass |
| | | Inner_1RB_Left | 21.95 | 21.91 | 24.94 | 24.65 | 24.61 | 27.64 | <=33 | Pass |
| | | Inner_1RB_Right | 21.91 | 21.91 | 24.92 | 24.61 | 24.61 | 27.62 | <=33 | Pass |
| | 2677.5 | Outer_Full | 22.05 | 22.12 | 25.09 | 24.75 | 24.82 | 27.80 | <=33 | Pass |
| | | Inner_Full | 22.01 | 22.08 | 25.06 | 24.71 | 24.78 | 27.76 | <=33 | Pass |
| | | Inner_1RB_Left | 21.93 | 22.00 | 24.98 | 24.63 | 24.70 | 27.68 | <=33 | Pass |
| | | Inner_1RB_Right | 22.04 | 22.14 | 25.10 | 24.74 | 24.84 | 27.80 | <=33 | Pass |
| CP-OFDM 256 QAM | 2508.51 | Outer_Full | 18.66 | 18.75 | 21.72 | 21.36 | 21.45 | 24.42 | <=33 | Pass |
| | | Inner_Full | 18.46 | 18.54 | 21.51 | 21.16 | 21.24 | 24.21 | <=33 | Pass |
| | | Inner_1RB_Left | 18.30 | 18.47 | 21.40 | 21.00 | 21.17 | 24.10 | <=33 | Pass |
| | | Inner_1RB_Right | 18.23 | 18.27 | 21.26 | 20.93 | 20.97 | 23.96 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.70 | 18.68 | 21.70 | 21.40 | 21.38 | 24.40 | <=33 | Pass |
| | | Inner_Full | 18.54 | 18.53 | 21.55 | 21.24 | 21.23 | 24.25 | <=33 | Pass |
| | | Inner_1RB_Left | 18.56 | 18.53 | 21.56 | 21.26 | 21.23 | 24.26 | <=33 | Pass |
| | | Inner_1RB_Right | 18.51 | 18.51 | 21.52 | 21.21 | 21.21 | 24.22 | <=33 | Pass |
| | 2677.5 | Outer_Full | 18.70 | 18.78 | 21.75 | 21.40 | 21.48 | 24.45 | <=33 | Pass |
| | | Inner_Full | 18.73 | 18.80 | 21.77 | 21.43 | 21.50 | 24.48 | <=33 | Pass |
| | | Inner_1RB_Left | 18.54 | 18.62 | 21.59 | 21.24 | 21.32 | 24.29 | <=33 | Pass |
| | | Inner_1RB_Right | 18.50 | 18.60 | 21.56 | 21.20 | 21.30 | 24.26 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.19 30_M_30M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 30MHz 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 | 2511 | Outer_Full | 24.49 | 24.59 | 27.55 | 27.19 | 27.29 | 30.25 | <=33 | Pass |
| | | Inner_Full | 26.04 | 26.13 | 29.10 | 28.74 | 28.83 | 31.80 | <=33 | Pass |
| | | Inner_1RB_Left | 25.97 | 26.15 | 29.07 | 28.67 | 28.85 | 31.77 | <=33 | Pass |
| | | Inner_1RB_Right | 26.17 | 26.26 | 29.23 | 28.87 | 28.96 | 31.93 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.53 | 24.52 | 27.54 | 27.23 | 27.22 | 30.24 | <=33 | Pass |
| | | Inner_Full | 26.12 | 26.11 | 29.12 | 28.82 | 28.81 | 31.83 | <=33 | Pass |
| | | Inner_1RB_Left | 26.11 | 26.08 | 29.10 | 28.81 | 28.78 | 31.81 | <=33 | Pass |
| | | Inner_1RB_Right | 26.08 | 26.08 | 29.09 | 28.78 | 28.78 | 31.79 | <=33 | Pass |
| | 2674.98 | Outer_Full | 24.46 | 24.58 | 27.53 | 27.16 | 27.28 | 30.23 | <=33 | Pass |
| | | Inner_Full | 26.03 | 26.15 | 29.10 | 28.73 | 28.85 | 31.80 | <=33 | Pass |
| | | Inner_1RB_Left | 25.95 | 26.06 | 29.01 | 28.65 | 28.76 | 31.72 | <=33 | Pass |
| | | Inner_1RB_Right | 26.13 | 26.28 | 29.22 | 28.83 | 28.98 | 31.92 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2511 | Outer_Full | 23.98 | 24.09 | 27.05 | 26.68 | 26.79 | 29.75 | <=33 | Pass |
| | | Inner_Full | 26.00 | 26.09 | 29.05 | 28.70 | 28.79 | 31.76 | <=33 | Pass |
| | | Inner_1RB_Left | 25.87 | 26.05 | 28.97 | 28.57 | 28.75 | 31.67 | <=33 | Pass |
| | | Inner_1RB_Right | 26.13 | 26.22 | 29.19 | 28.83 | 28.92 | 31.89 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.06 | 24.05 | 27.06 | 26.76 | 26.75 | 29.77 | <=33 | Pass |
| | | Inner_Full | 26.13 | 26.12 | 29.14 | 28.83 | 28.82 | 31.84 | <=33 | Pass |
| | | Inner_1RB_Left | 26.07 | 26.04 | 29.07 | 28.77 | 28.74 | 31.77 | <=33 | Pass |
| | | Inner_1RB_Right | 26.09 | 26.09 | 29.10 | 28.79 | 28.79 | 31.80 | <=33 | Pass |
| | 2674.98 | Outer_Full | 24.03 | 24.16 | 27.11 | 26.73 | 26.86 | 29.81 | <=33 | Pass |
| | | Inner_Full | 26.02 | 26.13 | 29.09 | 28.72 | 28.83 | 31.79 | <=33 | Pass |
| | | Inner_1RB_Left | 25.86 | 25.98 | 28.93 | 28.56 | 28.68 | 31.63 | <=33 | Pass |
| | | Inner_1RB_Right | 26.09 | 26.24 | 29.17 | 28.79 | 28.94 | 31.88 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2511 | Outer_Full | 24.07 | 24.17 | 27.13 | 26.77 | 26.87 | 29.83 | <=33 | Pass |
| | | Inner_Full | 24.89 | 24.99 | 27.95 | 27.59 | 27.69 | 30.65 | <=33 | Pass |
| | | Inner_1RB_Left | 25.11 | 25.29 | 28.21 | 27.81 | 27.99 | 30.91 | <=33 | Pass |
| | | Inner_1RB_Right | 25.26 | 25.35 | 28.31 | 27.96 | 28.05 | 31.02 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.02 | 24.00 | 27.02 | 26.72 | 26.70 | 29.72 | <=33 | Pass |
| | | Inner_Full | 25.01 | 24.99 | 28.01 | 27.71 | 27.69 | 30.71 | <=33 | Pass |
| | | Inner_1RB_Left | 25.12 | 25.09 | 28.12 | 27.82 | 27.79 | 30.82 | <=33 | Pass |
| | | Inner_1RB_Right | 25.23 | 25.23 | 28.24 | 27.93 | 27.93 | 30.94 | <=33 | Pass |
| | 2674.98 | Outer_Full | 24.02 | 24.14 | 27.09 | 26.72 | 26.84 | 29.79 | <=33 | Pass |
| | | Inner_Full | 24.90 | 25.02 | 27.97 | 27.60 | 27.72 | 30.67 | <=33 | Pass |
| | | Inner_1RB_Left | 25.11 | 25.22 | 28.17 | 27.81 | 27.92 | 30.88 | <=33 | Pass |
| | | Inner_1RB_Right | 25.24 | 25.38 | 28.32 | 27.94 | 28.08 | 31.02 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2511 | Outer_Full | 23.07 | 23.17 | 26.13 | 25.77 | 25.87 | 28.83 | <=33 | Pass |
| | | Inner_Full | 22.97 | 23.07 | 26.03 | 25.67 | 25.77 | 28.73 | <=33 | Pass |
| | | Inner_1RB_Left | 22.97 | 23.16 | 26.08 | 25.67 | 25.86 | 28.78 | <=33 | Pass |
| | | Inner_1RB_Right | 23.12 | 23.21 | 26.18 | 25.82 | 25.91 | 28.88 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.12 | 23.11 | 26.12 | 25.82 | 25.81 | 28.83 | <=33 | Pass |
| | | Inner_Full | 22.97 | 22.96 | 25.98 | 25.67 | 25.66 | 28.68 | <=33 | Pass |
| | | Inner_1RB_Left | 23.00 | 22.97 | 26.00 | 25.70 | 25.67 | 28.70 | <=33 | Pass |
| | | Inner_1RB_Right | 23.06 | 23.07 | 26.08 | 25.76 | 25.77 | 28.78 | <=33 | Pass |
| | 2674.98 | Outer_Full | 23.01 | 23.13 | 26.08 | 25.71 | 25.83 | 28.78 | <=33 | Pass |
| | | Inner_Full | 22.98 | 23.10 | 26.05 | 25.68 | 25.80 | 28.75 | <=33 | Pass |
| | | Inner_1RB_Left | 22.91 | 23.03 | 25.98 | 25.61 | 25.73 | 28.68 | <=33 | Pass |
| | | Inner_1RB_Right | 23.13 | 23.28 | 26.22 | 25.83 | 25.98 | 28.92 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2511 | Outer_Full | 20.50 | 20.60 | 23.56 | 23.20 | 23.30 | 26.26 | <=33 | Pass |
| | | Inner_Full | 20.39 | 20.48 | 23.45 | 23.09 | 23.18 | 26.15 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.14 | 20.33 | 23.25 | 22.84 | 23.03 | 25.95 | <=33 | Pass |
| | | Inner_1RB_Right | 20.30 | 20.39 | 23.35 | 23.00 | 23.09 | 26.06 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.43 | 20.42 | 23.43 | 23.13 | 23.12 | 26.14 | <=33 | Pass |
| | | Inner_Full | 20.43 | 20.42 | 23.43 | 23.13 | 23.12 | 26.14 | <=33 | Pass |
| | | Inner_1RB_Left | 20.26 | 20.23 | 23.26 | 22.96 | 22.93 | 25.96 | <=33 | Pass |
| | | Inner_1RB_Right | 20.23 | 20.23 | 23.24 | 22.93 | 22.93 | 25.94 | <=33 | Pass |
| | 2674.98 | Outer_Full | 20.41 | 20.54 | 23.49 | 23.11 | 23.24 | 26.19 | <=33 | Pass |
| | | Inner_Full | 20.39 | 20.51 | 23.46 | 23.09 | 23.21 | 26.16 | <=33 | Pass |
| | | Inner_1RB_Left | 20.11 | 20.22 | 23.18 | 22.81 | 22.92 | 25.88 | <=33 | Pass |
| | | Inner_1RB_Right | 20.33 | 20.48 | 23.41 | 23.03 | 23.18 | 26.12 | <=33 | Pass |
| CP-OFDM QPSK | 2511 | Outer_Full | 21.96 | 22.07 | 25.03 | 24.66 | 24.77 | 27.73 | <=33 | Pass |
| | | Inner_Full | 24.11 | 24.19 | 27.16 | 26.81 | 26.89 | 29.86 | <=33 | Pass |
| | | Inner_1RB_Left | 24.02 | 24.20 | 27.12 | 26.72 | 26.90 | 29.82 | <=33 | Pass |
| | | Inner_1RB_Right | 24.14 | 24.23 | 27.20 | 26.84 | 26.93 | 29.90 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.99 | 21.98 | 24.99 | 24.69 | 24.68 | 27.70 | <=33 | Pass |
| | | Inner_Full | 24.14 | 24.13 | 27.14 | 26.84 | 26.83 | 29.85 | <=33 | Pass |
| | | Inner_1RB_Left | 24.09 | 24.06 | 27.08 | 26.79 | 26.76 | 29.79 | <=33 | Pass |
| | | Inner_1RB_Right | 24.05 | 24.06 | 27.07 | 26.75 | 26.76 | 29.77 | <=33 | Pass |
| | 2674.98 | Outer_Full | 21.95 | 22.08 | 25.03 | 24.65 | 24.78 | 27.73 | <=33 | Pass |
| | | Inner_Full | 24.00 | 24.12 | 27.07 | 26.70 | 26.82 | 29.77 | <=33 | Pass |
| | | Inner_1RB_Left | 23.84 | 23.95 | 26.91 | 26.54 | 26.65 | 29.61 | <=33 | Pass |
| | | Inner_1RB_Right | 24.04 | 24.19 | 27.13 | 26.74 | 26.89 | 29.83 | <=33 | Pass |
| CP-OFDM 16 QAM | 2511 | Outer_Full | 21.53 | 21.64 | 24.60 | 24.23 | 24.34 | 27.30 | <=33 | Pass |
| | | Inner_Full | 23.54 | 23.62 | 26.59 | 26.24 | 26.32 | 29.29 | <=33 | Pass |
| | | Inner_1RB_Left | 23.60 | 23.78 | 26.70 | 26.30 | 26.48 | 29.40 | <=33 | Pass |
| | | Inner_1RB_Right | 23.68 | 23.77 | 26.73 | 26.38 | 26.47 | 29.44 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.55 | 21.54 | 24.55 | 24.25 | 24.24 | 27.26 | <=33 | Pass |
| | | Inner_Full | 23.59 | 23.58 | 26.59 | 26.29 | 26.28 | 29.30 | <=33 | Pass |
| | | Inner_1RB_Left | 23.79 | 23.76 | 26.79 | 26.49 | 26.46 | 29.49 | <=33 | Pass |
| | | Inner_1RB_Right | 23.70 | 23.70 | 26.71 | 26.40 | 26.40 | 29.41 | <=33 | Pass |
| | 2674.98 | Outer_Full | 21.46 | 21.59 | 24.53 | 24.16 | 24.29 | 27.24 | <=33 | Pass |
| | | Inner_Full | 23.54 | 23.66 | 26.61 | 26.24 | 26.36 | 29.31 | <=33 | Pass |
| | | Inner_1RB_Left | 23.59 | 23.70 | 26.65 | 26.29 | 26.40 | 29.36 | <=33 | Pass |
| | | Inner_1RB_Right | 23.68 | 23.82 | 26.76 | 26.38 | 26.52 | 29.46 | <=33 | Pass |
| CP-OFDM 64 QAM | 2511 | Outer_Full | 21.99 | 22.09 | 25.05 | 24.69 | 24.79 | 27.75 | <=33 | Pass |
| | | Inner_Full | 21.94 | 22.03 | 25.00 | 24.64 | 24.73 | 27.70 | <=33 | Pass |
| | | Inner_1RB_Left | 21.91 | 22.09 | 25.01 | 24.61 | 24.79 | 27.71 | <=33 | Pass |
| | | Inner_1RB_Right | 22.06 | 22.15 | 25.12 | 24.76 | 24.85 | 27.82 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.97 | 21.96 | 24.98 | 24.67 | 24.66 | 27.68 | <=33 | Pass |
| | | Inner_Full | 21.92 | 21.91 | 24.93 | 24.62 | 24.61 | 27.63 | <=33 | Pass |
| | | Inner_1RB_Left | 22.08 | 22.05 | 25.07 | 24.78 | 24.75 | 27.78 | <=33 | Pass |
| | | Inner_1RB_Right | 22.03 | 22.04 | 25.05 | 24.73 | 24.74 | 27.75 | <=33 | Pass |
| | 2674.98 | Outer_Full | 21.93 | 22.05 | 25.00 | 24.63 | 24.75 | 27.70 | <=33 | Pass |
| | | Inner_Full | 21.90 | 22.02 | 24.97 | 24.60 | 24.72 | 27.67 | <=33 | Pass |
| | | Inner_1RB_Left | 21.93 | 22.04 | 25.00 | 24.63 | 24.74 | 27.70 | <=33 | Pass |
| | | Inner_1RB_Right | 21.96 | 22.11 | 25.04 | 24.66 | 24.81 | 27.75 | <=33 | Pass |
| CP-OFDM 256 QAM | 2511 | Outer_Full | 18.55 | 18.65 | 21.61 | 21.25 | 21.35 | 24.31 | <=33 | Pass |
| | | Inner_Full | 18.51 | 18.59 | 21.56 | 21.21 | 21.29 | 24.26 | <=33 | Pass |
| | | Inner_1RB_Left | 18.26 | 18.45 | 21.37 | 20.96 | 21.15 | 24.07 | <=33 | Pass |
| | | Inner_1RB_Right | 18.27 | 18.36 | 21.33 | 20.97 | 21.06 | 24.03 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.62 | 18.62 | 21.63 | 21.32 | 21.32 | 24.33 | <=33 | Pass |
| | | Inner_Full | 18.64 | 18.64 | 21.65 | 21.34 | 21.34 | 24.35 | <=33 | Pass |
| | | Inner_1RB_Left | 18.49 | 18.47 | 21.49 | 21.19 | 21.17 | 24.19 | <=33 | Pass |
| | | Inner_1RB_Right | 18.47 | 18.47 | 21.48 | 21.17 | 21.17 | 24.18 | <=33 | Pass |
| | 2674.98 | Outer_Full | 18.63 | 18.76 | 21.70 | 21.33 | 21.46 | 24.41 | <=33 | Pass |
| | | Inner_Full | 18.55 | 18.67 | 21.62 | 21.25 | 21.37 | 24.32 | <=33 | Pass |
| | | Inner_1RB_Left | 18.30 | 18.41 | 21.36 | 21.00 | 21.11 | 24.07 | <=33 | Pass |
| | | Inner_1RB_Right | 18.52 | 18.67 | 21.61 | 21.22 | 21.37 | 24.31 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.20 30_M_35M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 35MHz 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 | 2513.52 | Outer_Full | 24.51 | 24.60 | 27.57 | 27.21 | 27.30 | 30.27 | <=33 | Pass |
| | | Inner_Full | 26.02 | 26.08 | 29.06 | 28.72 | 28.78 | 31.76 | <=33 | Pass |
| | | Inner_1RB_Left | 25.83 | 26.00 | 28.92 | 28.53 | 28.70 | 31.63 | <=33 | Pass |
| | | Inner_1RB_Right | 26.05 | 26.14 | 29.11 | 28.75 | 28.84 | 31.81 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.57 | 24.55 | 27.57 | 27.27 | 27.25 | 30.27 | <=33 | Pass |
| | | Inner_Full | 26.14 | 26.12 | 29.14 | 28.84 | 28.82 | 31.84 | <=33 | Pass |
| | | Inner_1RB_Left | 25.91 | 25.89 | 28.91 | 28.61 | 28.59 | 31.61 | <=33 | Pass |
| | | Inner_1RB_Right | 25.95 | 25.96 | 28.96 | 28.65 | 28.66 | 31.67 | <=33 | Pass |
| | 2672.49 | Outer_Full | 24.52 | 24.65 | 27.60 | 27.22 | 27.35 | 30.30 | <=33 | Pass |
| | | Inner_Full | 26.12 | 26.25 | 29.19 | 28.82 | 28.95 | 31.90 | <=33 | Pass |
| | | Inner_1RB_Left | 25.66 | 25.76 | 28.72 | 28.36 | 28.46 | 31.42 | <=33 | Pass |
| | | Inner_1RB_Right | 26.09 | 26.24 | 29.17 | 28.79 | 28.94 | 31.88 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2513.52 | Outer_Full | 23.95 | 24.04 | 27.00 | 26.65 | 26.74 | 29.71 | <=33 | Pass |
| | | Inner_Full | 26.01 | 26.07 | 29.05 | 28.71 | 28.77 | 31.75 | <=33 | Pass |
| | | Inner_1RB_Left | 25.75 | 25.92 | 28.85 | 28.45 | 28.62 | 31.55 | <=33 | Pass |
| | | Inner_1RB_Right | 25.98 | 26.06 | 29.03 | 28.68 | 28.76 | 31.73 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.99 | 23.97 | 26.99 | 26.69 | 26.67 | 29.69 | <=33 | Pass |
| | | Inner_Full | 26.01 | 26.00 | 29.01 | 28.71 | 28.70 | 31.72 | <=33 | Pass |
| | | Inner_1RB_Left | 25.91 | 25.89 | 28.91 | 28.61 | 28.59 | 31.61 | <=33 | Pass |
| | | Inner_1RB_Right | 25.94 | 25.96 | 28.96 | 28.64 | 28.66 | 31.66 | <=33 | Pass |
| | 2672.49 | Outer_Full | 23.99 | 24.12 | 27.06 | 26.69 | 26.82 | 29.77 | <=33 | Pass |
| | | Inner_Full | 26.11 | 26.24 | 29.19 | 28.81 | 28.94 | 31.89 | <=33 | Pass |
| | | Inner_1RB_Left | 25.77 | 25.87 | 28.84 | 28.47 | 28.57 | 31.53 | <=33 | Pass |
| | | Inner_1RB_Right | 26.02 | 26.17 | 29.10 | 28.72 | 28.87 | 31.81 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2513.52 | Outer_Full | 23.98 | 24.07 | 27.04 | 26.68 | 26.77 | 29.74 | <=33 | Pass |
| | | Inner_Full | 24.98 | 25.05 | 28.03 | 27.68 | 27.75 | 30.73 | <=33 | Pass |
| | | Inner_1RB_Left | 24.96 | 25.12 | 28.05 | 27.66 | 27.82 | 30.75 | <=33 | Pass |
| | | Inner_1RB_Right | 25.13 | 25.22 | 28.19 | 27.83 | 27.92 | 30.89 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.96 | 23.95 | 26.97 | 26.66 | 26.65 | 29.67 | <=33 | Pass |
| | | Inner_Full | 24.97 | 24.96 | 27.97 | 27.67 | 27.66 | 30.68 | <=33 | Pass |
| | | Inner_1RB_Left | 24.95 | 24.92 | 27.95 | 27.65 | 27.62 | 30.65 | <=33 | Pass |
| | | Inner_1RB_Right | 25.10 | 25.11 | 28.11 | 27.80 | 27.81 | 30.82 | <=33 | Pass |
| | 2672.49 | Outer_Full | 24.01 | 24.14 | 27.09 | 26.71 | 26.84 | 29.79 | <=33 | Pass |
| | | Inner_Full | 25.03 | 25.16 | 28.10 | 27.73 | 27.86 | 30.81 | <=33 | Pass |
| | | Inner_1RB_Left | 24.85 | 24.95 | 27.91 | 27.55 | 27.65 | 30.61 | <=33 | Pass |
| | | Inner_1RB_Right | 25.28 | 25.44 | 28.37 | 27.98 | 28.14 | 31.07 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2513.52 | Outer_Full | 23.02 | 23.11 | 26.07 | 25.72 | 25.81 | 28.78 | <=33 | Pass |
| | | Inner_Full | 22.97 | 23.03 | 26.01 | 25.67 | 25.73 | 28.71 | <=33 | Pass |
| | | Inner_1RB_Left | 22.92 | 23.09 | 26.01 | 25.62 | 25.79 | 28.72 | <=33 | Pass |
| | | Inner_1RB_Right | 23.03 | 23.12 | 26.09 | 25.73 | 25.82 | 28.79 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.00 | 22.99 | 26.00 | 25.70 | 25.69 | 28.71 | <=33 | Pass |
| | | Inner_Full | 22.97 | 22.96 | 25.98 | 25.67 | 25.66 | 28.68 | <=33 | Pass |
| | | Inner_1RB_Left | 23.02 | 22.99 | 26.02 | 25.72 | 25.69 | 28.72 | <=33 | Pass |
| | | Inner_1RB_Right | 22.96 | 22.97 | 25.98 | 25.66 | 25.67 | 28.68 | <=33 | Pass |
| | 2672.49 | Outer_Full | 23.01 | 23.14 | 26.09 | 25.71 | 25.84 | 28.79 | <=33 | Pass |
| | | Inner_Full | 22.99 | 23.12 | 26.07 | 25.69 | 25.82 | 28.77 | <=33 | Pass |
| | | Inner_1RB_Left | 22.69 | 22.79 | 25.75 | 25.39 | 25.49 | 28.45 | <=33 | Pass |
| | | Inner_1RB_Right | 23.02 | 23.17 | 26.11 | 25.72 | 25.87 | 28.81 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2513.52 | Outer_Full | 20.47 | 20.56 | 23.52 | 23.17 | 23.26 | 26.23 | <=33 | Pass |
| | | Inner_Full | 20.47 | 20.54 | 23.51 | 23.17 | 23.24 | 26.22 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.06 | 20.23 | 23.16 | 22.76 | 22.93 | 25.86 | <=33 | Pass |
| | | Inner_1RB_Right | 20.30 | 20.39 | 23.35 | 23.00 | 23.09 | 26.06 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.44 | 20.43 | 23.45 | 23.14 | 23.13 | 26.15 | <=33 | Pass |
| | | Inner_Full | 20.40 | 20.39 | 23.41 | 23.10 | 23.09 | 26.11 | <=33 | Pass |
| | | Inner_1RB_Left | 20.23 | 20.21 | 23.23 | 22.93 | 22.91 | 25.93 | <=33 | Pass |
| | | Inner_1RB_Right | 20.24 | 20.26 | 23.26 | 22.94 | 22.96 | 25.96 | <=33 | Pass |
| | 2672.49 | Outer_Full | 20.52 | 20.66 | 23.60 | 23.22 | 23.36 | 26.30 | <=33 | Pass |
| | | Inner_Full | 20.44 | 20.57 | 23.51 | 23.14 | 23.27 | 26.22 | <=33 | Pass |
| | | Inner_1RB_Left | 20.07 | 20.17 | 23.13 | 22.77 | 22.87 | 25.83 | <=33 | Pass |
| | | Inner_1RB_Right | 20.28 | 20.43 | 23.36 | 22.98 | 23.13 | 26.07 | <=33 | Pass |
| CP-OFDM QPSK | 2513.52 | Outer_Full | 21.98 | 22.07 | 25.04 | 24.68 | 24.77 | 27.74 | <=33 | Pass |
| | | Inner_Full | 24.08 | 24.14 | 27.12 | 26.78 | 26.84 | 29.82 | <=33 | Pass |
| | | Inner_1RB_Left | 23.99 | 24.16 | 27.09 | 26.69 | 26.86 | 29.79 | <=33 | Pass |
| | | Inner_1RB_Right | 24.17 | 24.26 | 27.22 | 26.87 | 26.96 | 29.93 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.95 | 21.94 | 24.96 | 24.65 | 24.64 | 27.66 | <=33 | Pass |
| | | Inner_Full | 23.96 | 23.95 | 26.96 | 26.66 | 26.65 | 29.67 | <=33 | Pass |
| | | Inner_1RB_Left | 23.98 | 23.96 | 26.98 | 26.68 | 26.66 | 29.68 | <=33 | Pass |
| | | Inner_1RB_Right | 24.09 | 24.11 | 27.11 | 26.79 | 26.81 | 29.81 | <=33 | Pass |
| | 2672.49 | Outer_Full | 22.02 | 22.15 | 25.10 | 24.72 | 24.85 | 27.80 | <=33 | Pass |
| | | Inner_Full | 23.96 | 24.08 | 27.03 | 26.66 | 26.78 | 29.73 | <=33 | Pass |
| | | Inner_1RB_Left | 23.78 | 23.88 | 26.84 | 26.48 | 26.58 | 29.54 | <=33 | Pass |
| | | Inner_1RB_Right | 24.13 | 24.28 | 27.21 | 26.83 | 26.98 | 29.92 | <=33 | Pass |
| CP-OFDM 16 QAM | 2513.52 | Outer_Full | 21.46 | 21.55 | 24.51 | 24.16 | 24.25 | 27.22 | <=33 | Pass |
| | | Inner_Full | 23.56 | 23.62 | 26.60 | 26.26 | 26.32 | 29.30 | <=33 | Pass |
| | | Inner_1RB_Left | 23.52 | 23.69 | 26.61 | 26.22 | 26.39 | 29.32 | <=33 | Pass |
| | | Inner_1RB_Right | 23.60 | 23.69 | 26.66 | 26.30 | 26.39 | 29.36 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.39 | 21.37 | 24.39 | 24.09 | 24.07 | 27.09 | <=33 | Pass |
| | | Inner_Full | 23.53 | 23.52 | 26.54 | 26.23 | 26.22 | 29.24 | <=33 | Pass |
| | | Inner_1RB_Left | 23.67 | 23.65 | 26.67 | 26.37 | 26.35 | 29.37 | <=33 | Pass |
| | | Inner_1RB_Right | 23.67 | 23.68 | 26.68 | 26.37 | 26.38 | 29.39 | <=33 | Pass |
| | 2672.49 | Outer_Full | 21.43 | 21.56 | 24.50 | 24.13 | 24.26 | 27.21 | <=33 | Pass |
| | | Inner_Full | 23.62 | 23.74 | 26.69 | 26.32 | 26.44 | 29.39 | <=33 | Pass |
| | | Inner_1RB_Left | 23.48 | 23.58 | 26.54 | 26.18 | 26.28 | 29.24 | <=33 | Pass |
| | | Inner_1RB_Right | 23.79 | 23.94 | 26.87 | 26.49 | 26.64 | 29.58 | <=33 | Pass |
| CP-OFDM 64 QAM | 2513.52 | Outer_Full | 22.05 | 22.13 | 25.10 | 24.75 | 24.83 | 27.80 | <=33 | Pass |
| | | Inner_Full | 22.04 | 22.10 | 25.08 | 24.74 | 24.80 | 27.78 | <=33 | Pass |
| | | Inner_1RB_Left | 21.80 | 21.97 | 24.90 | 24.50 | 24.67 | 27.60 | <=33 | Pass |
| | | Inner_1RB_Right | 21.97 | 22.06 | 25.03 | 24.67 | 24.76 | 27.73 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.97 | 21.95 | 24.97 | 24.67 | 24.65 | 27.67 | <=33 | Pass |
| | | Inner_Full | 21.92 | 21.90 | 24.92 | 24.62 | 24.60 | 27.62 | <=33 | Pass |
| | | Inner_1RB_Left | 21.95 | 21.92 | 24.95 | 24.65 | 24.62 | 27.65 | <=33 | Pass |
| | | Inner_1RB_Right | 22.01 | 22.03 | 25.03 | 24.71 | 24.73 | 27.73 | <=33 | Pass |
| | 2672.49 | Outer_Full | 21.94 | 22.07 | 25.02 | 24.64 | 24.77 | 27.72 | <=33 | Pass |
| | | Inner_Full | 22.00 | 22.12 | 25.07 | 24.70 | 24.82 | 27.77 | <=33 | Pass |
| | | Inner_1RB_Left | 21.63 | 21.73 | 24.69 | 24.33 | 24.43 | 27.39 | <=33 | Pass |
| | | Inner_1RB_Right | 22.09 | 22.25 | 25.18 | 24.79 | 24.95 | 27.88 | <=33 | Pass |
| CP-OFDM 256 QAM | 2513.52 | Outer_Full | 18.59 | 18.68 | 21.65 | 21.29 | 21.38 | 24.35 | <=33 | Pass |
| | | Inner_Full | 18.54 | 18.60 | 21.58 | 21.24 | 21.30 | 24.28 | <=33 | Pass |
| | | Inner_1RB_Left | 18.32 | 18.50 | 21.42 | 21.02 | 21.20 | 24.12 | <=33 | Pass |
| | | Inner_1RB_Right | 18.29 | 18.38 | 21.35 | 20.99 | 21.08 | 24.05 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.67 | 18.66 | 21.67 | 21.37 | 21.36 | 24.38 | <=33 | Pass |
| | | Inner_Full | 18.57 | 18.56 | 21.57 | 21.27 | 21.26 | 24.28 | <=33 | Pass |
| | | Inner_1RB_Left | 18.21 | 18.19 | 21.21 | 20.91 | 20.89 | 23.91 | <=33 | Pass |
| | | Inner_1RB_Right | 18.25 | 18.26 | 21.26 | 20.95 | 20.96 | 23.97 | <=33 | Pass |
| | 2672.49 | Outer_Full | 18.60 | 18.74 | 21.68 | 21.30 | 21.44 | 24.38 | <=33 | Pass |
| | | Inner_Full | 18.67 | 18.79 | 21.74 | 21.37 | 21.49 | 24.44 | <=33 | Pass |
| | | Inner_1RB_Left | 18.27 | 18.37 | 21.33 | 20.97 | 21.07 | 24.03 | <=33 | Pass |
| | | Inner_1RB_Right | 18.29 | 18.44 | 21.38 | 20.99 | 21.14 | 24.08 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.21 30_M_40M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 40MHz 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 | 2516.01 | Outer_Full | 24.57 | 24.63 | 27.61 | 27.27 | 27.33 | 30.31 | <=33 | Pass |
| | | Inner_Full | 25.97 | 26.00 | 29.00 | 28.67 | 28.70 | 31.70 | <=33 | Pass |
| | | Inner_1RB_Left | 25.88 | 26.01 | 28.95 | 28.58 | 28.71 | 31.66 | <=33 | Pass |
| | | Inner_1RB_Right | 26.11 | 26.16 | 29.15 | 28.81 | 28.86 | 31.85 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.64 | 24.62 | 27.64 | 27.34 | 27.32 | 30.34 | <=33 | Pass |
| | | Inner_Full | 25.94 | 25.92 | 28.94 | 28.64 | 28.62 | 31.64 | <=33 | Pass |
| | | Inner_1RB_Left | 25.95 | 25.93 | 28.95 | 28.65 | 28.63 | 31.65 | <=33 | Pass |
| | | Inner_1RB_Right | 26.05 | 26.07 | 29.07 | 28.75 | 28.77 | 31.77 | <=33 | Pass |
| | 2670 | Outer_Full | 24.48 | 24.64 | 27.57 | 27.18 | 27.34 | 30.27 | <=33 | Pass |
| | | Inner_Full | 25.98 | 26.14 | 29.07 | 28.68 | 28.84 | 31.77 | <=33 | Pass |
| | | Inner_1RB_Left | 25.66 | 25.76 | 28.72 | 28.36 | 28.46 | 31.42 | <=33 | Pass |
| | | Inner_1RB_Right | 26.06 | 26.24 | 29.16 | 28.76 | 28.94 | 31.86 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2516.01 | Outer_Full | 24.07 | 24.12 | 27.11 | 26.77 | 26.82 | 29.81 | <=33 | Pass |
| | | Inner_Full | 26.07 | 26.10 | 29.09 | 28.77 | 28.80 | 31.80 | <=33 | Pass |
| | | Inner_1RB_Left | 25.82 | 25.95 | 28.89 | 28.52 | 28.65 | 31.60 | <=33 | Pass |
| | | Inner_1RB_Right | 26.07 | 26.12 | 29.11 | 28.77 | 28.82 | 31.81 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.16 | 24.14 | 27.16 | 26.86 | 26.84 | 29.86 | <=33 | Pass |
| | | Inner_Full | 26.05 | 26.03 | 29.05 | 28.75 | 28.73 | 31.75 | <=33 | Pass |
| | | Inner_1RB_Left | 26.01 | 25.99 | 29.01 | 28.71 | 28.69 | 31.71 | <=33 | Pass |
| | | Inner_1RB_Right | 25.98 | 26.01 | 29.00 | 28.68 | 28.71 | 31.71 | <=33 | Pass |
| | 2670 | Outer_Full | 23.96 | 24.11 | 27.05 | 26.66 | 26.81 | 29.75 | <=33 | Pass |
| | | Inner_Full | 26.01 | 26.17 | 29.10 | 28.71 | 28.87 | 31.80 | <=33 | Pass |
| | | Inner_1RB_Left | 25.67 | 25.77 | 28.73 | 28.37 | 28.47 | 31.43 | <=33 | Pass |
| | | Inner_1RB_Right | 26.02 | 26.20 | 29.12 | 28.72 | 28.90 | 31.82 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2516.01 | Outer_Full | 23.96 | 24.01 | 26.99 | 26.66 | 26.71 | 29.70 | <=33 | Pass |
| | | Inner_Full | 25.00 | 25.03 | 28.03 | 27.70 | 27.73 | 30.73 | <=33 | Pass |
| | | Inner_1RB_Left | 24.85 | 24.98 | 27.92 | 27.55 | 27.68 | 30.63 | <=33 | Pass |
| | | Inner_1RB_Right | 25.07 | 25.11 | 28.10 | 27.77 | 27.81 | 30.80 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.91 | 23.89 | 26.91 | 26.61 | 26.59 | 29.61 | <=33 | Pass |
| | | Inner_Full | 25.03 | 25.01 | 28.03 | 27.73 | 27.71 | 30.73 | <=33 | Pass |
| | | Inner_1RB_Left | 25.00 | 24.98 | 28.00 | 27.70 | 27.68 | 30.70 | <=33 | Pass |
| | | Inner_1RB_Right | 25.00 | 25.02 | 28.02 | 27.70 | 27.72 | 30.72 | <=33 | Pass |
| | 2670 | Outer_Full | 23.90 | 24.06 | 26.99 | 26.60 | 26.76 | 29.69 | <=33 | Pass |
| | | Inner_Full | 24.92 | 25.08 | 28.01 | 27.62 | 27.78 | 30.71 | <=33 | Pass |
| | | Inner_1RB_Left | 24.67 | 24.76 | 27.73 | 27.37 | 27.46 | 30.43 | <=33 | Pass |
| | | Inner_1RB_Right | 25.04 | 25.23 | 28.14 | 27.74 | 27.93 | 30.85 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2516.01 | Outer_Full | 23.04 | 23.09 | 26.08 | 25.74 | 25.79 | 28.78 | <=33 | Pass |
| | | Inner_Full | 23.04 | 23.06 | 26.06 | 25.74 | 25.76 | 28.76 | <=33 | Pass |
| | | Inner_1RB_Left | 22.79 | 22.92 | 25.86 | 25.49 | 25.62 | 28.57 | <=33 | Pass |
| | | Inner_1RB_Right | 23.11 | 23.16 | 26.15 | 25.81 | 25.86 | 28.85 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.02 | 23.00 | 26.02 | 25.72 | 25.70 | 28.72 | <=33 | Pass |
| | | Inner_Full | 23.00 | 22.98 | 26.00 | 25.70 | 25.68 | 28.70 | <=33 | Pass |
| | | Inner_1RB_Left | 22.93 | 22.92 | 25.94 | 25.63 | 25.62 | 28.64 | <=33 | Pass |
| | | Inner_1RB_Right | 23.01 | 23.04 | 26.04 | 25.71 | 25.74 | 28.74 | <=33 | Pass |
| | 2670 | Outer_Full | 22.97 | 23.12 | 26.06 | 25.67 | 25.82 | 28.76 | <=33 | Pass |
| | | Inner_Full | 22.89 | 23.05 | 25.98 | 25.59 | 25.75 | 28.68 | <=33 | Pass |
| | | Inner_1RB_Left | 22.63 | 22.73 | 25.69 | 25.33 | 25.43 | 28.39 | <=33 | Pass |
| | | Inner_1RB_Right | 23.03 | 23.22 | 26.14 | 25.73 | 25.92 | 28.84 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2516.01 | Outer_Full | 20.49 | 20.55 | 23.53 | 23.19 | 23.25 | 26.23 | <=33 | Pass |
| | | Inner_Full | 20.47 | 20.50 | 23.49 | 23.17 | 23.20 | 26.20 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.04 | 20.17 | 23.12 | 22.74 | 22.87 | 25.82 | <=33 | Pass |
| | | Inner_1RB_Right | 20.39 | 20.44 | 23.43 | 23.09 | 23.14 | 26.13 | <=33 | Pass |
| | 2592.99 | Outer_Full | 12.77 | 12.76 | 15.78 | 15.47 | 15.46 | 18.48 | <=33 | Pass |
| | | Inner_Full | 12.69 | 12.68 | 15.69 | 15.39 | 15.38 | 18.40 | <=33 | Pass |
| | | Inner_1RB_Left | 15.28 | 15.27 | 18.29 | 17.98 | 17.97 | 20.99 | <=33 | Pass |
| | | Inner_1RB_Right | 12.24 | 12.28 | 15.27 | 14.94 | 14.98 | 17.97 | <=33 | Pass |
| | 2670 | Outer_Full | 20.42 | 20.58 | 23.51 | 23.12 | 23.28 | 26.21 | <=33 | Pass |
| | | Inner_Full | 20.40 | 20.56 | 23.49 | 23.10 | 23.26 | 26.19 | <=33 | Pass |
| | | Inner_1RB_Left | 19.82 | 19.92 | 22.88 | 22.52 | 22.62 | 25.58 | <=33 | Pass |
| | | Inner_1RB_Right | 20.25 | 20.44 | 23.36 | 22.95 | 23.14 | 26.06 | <=33 | Pass |
| CP-OFDM QPSK | 2516.01 | Outer_Full | 22.06 | 22.11 | 25.09 | 24.76 | 24.81 | 27.80 | <=33 | Pass |
| | | Inner_Full | 24.11 | 24.14 | 27.13 | 26.81 | 26.84 | 29.84 | <=33 | Pass |
| | | Inner_1RB_Left | 23.90 | 24.03 | 26.97 | 26.60 | 26.73 | 29.68 | <=33 | Pass |
| | | Inner_1RB_Right | 24.06 | 24.11 | 27.09 | 26.76 | 26.81 | 29.80 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.06 | 22.05 | 25.07 | 24.76 | 24.75 | 27.77 | <=33 | Pass |
| | | Inner_Full | 24.15 | 24.14 | 27.15 | 26.85 | 26.84 | 29.86 | <=33 | Pass |
| | | Inner_1RB_Left | 24.04 | 24.03 | 27.05 | 26.74 | 26.73 | 29.75 | <=33 | Pass |
| | | Inner_1RB_Right | 24.11 | 24.14 | 27.13 | 26.81 | 26.84 | 29.84 | <=33 | Pass |
| | 2670 | Outer_Full | 22.00 | 22.16 | 25.09 | 24.70 | 24.86 | 27.79 | <=33 | Pass |
| | | Inner_Full | 24.05 | 24.20 | 27.14 | 26.75 | 26.90 | 29.84 | <=33 | Pass |
| | | Inner_1RB_Left | 23.72 | 23.82 | 26.78 | 26.42 | 26.52 | 29.48 | <=33 | Pass |
| | | Inner_1RB_Right | 24.07 | 24.25 | 27.17 | 26.77 | 26.95 | 29.87 | <=33 | Pass |
| CP-OFDM 16 QAM | 2516.01 | Outer_Full | 21.51 | 21.57 | 24.55 | 24.21 | 24.27 | 27.25 | <=33 | Pass |
| | | Inner_Full | 23.57 | 23.60 | 26.60 | 26.27 | 26.30 | 29.30 | <=33 | Pass |
| | | Inner_1RB_Left | 23.52 | 23.65 | 26.60 | 26.22 | 26.35 | 29.30 | <=33 | Pass |
| | | Inner_1RB_Right | 23.66 | 23.71 | 26.70 | 26.36 | 26.41 | 29.40 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.48 | 21.47 | 24.48 | 24.18 | 24.17 | 27.19 | <=33 | Pass |
| | | Inner_Full | 23.61 | 23.59 | 26.61 | 26.31 | 26.29 | 29.31 | <=33 | Pass |
| | | Inner_1RB_Left | 23.65 | 23.64 | 26.65 | 26.35 | 26.34 | 29.36 | <=33 | Pass |
| | | Inner_1RB_Right | 23.65 | 23.68 | 26.67 | 26.35 | 26.38 | 29.38 | <=33 | Pass |
| | 2670 | Outer_Full | 21.34 | 21.50 | 24.43 | 24.04 | 24.20 | 27.13 | <=33 | Pass |
| | | Inner_Full | 23.44 | 23.60 | 26.53 | 26.14 | 26.30 | 29.23 | <=33 | Pass |
| | | Inner_1RB_Left | 23.32 | 23.41 | 26.38 | 26.02 | 26.11 | 29.08 | <=33 | Pass |
| | | Inner_1RB_Right | 23.48 | 23.67 | 26.59 | 26.18 | 26.37 | 29.29 | <=33 | Pass |
| CP-OFDM 64 QAM | 2516.01 | Outer_Full | 22.01 | 22.07 | 25.05 | 24.71 | 24.77 | 27.75 | <=33 | Pass |
| | | Inner_Full | 22.03 | 22.05 | 25.05 | 24.73 | 24.75 | 27.75 | <=33 | Pass |
| | | Inner_1RB_Left | 21.72 | 21.85 | 24.79 | 24.42 | 24.55 | 27.50 | <=33 | Pass |
| | | Inner_1RB_Right | 21.94 | 21.99 | 24.98 | 24.64 | 24.69 | 27.68 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.01 | 22.00 | 25.01 | 24.71 | 24.70 | 27.72 | <=33 | Pass |
| | | Inner_Full | 22.02 | 22.01 | 25.03 | 24.72 | 24.71 | 27.73 | <=33 | Pass |
| | | Inner_1RB_Left | 22.08 | 22.06 | 25.08 | 24.78 | 24.76 | 27.78 | <=33 | Pass |
| | | Inner_1RB_Right | 22.17 | 22.21 | 25.20 | 24.87 | 24.91 | 27.90 | <=33 | Pass |
| | 2670 | Outer_Full | 21.90 | 22.06 | 24.99 | 24.60 | 24.76 | 27.69 | <=33 | Pass |
| | | Inner_Full | 21.90 | 22.06 | 24.99 | 24.60 | 24.76 | 27.69 | <=33 | Pass |
| | | Inner_1RB_Left | 21.60 | 21.70 | 24.66 | 24.30 | 24.40 | 27.36 | <=33 | Pass |
| | | Inner_1RB_Right | 21.90 | 22.09 | 25.01 | 24.60 | 24.79 | 27.71 | <=33 | Pass |
| CP-OFDM 256 QAM | 2516.01 | Outer_Full | 18.56 | 18.61 | 21.60 | 21.26 | 21.31 | 24.30 | <=33 | Pass |
| | | Inner_Full | 18.59 | 18.62 | 21.62 | 21.29 | 21.32 | 24.32 | <=33 | Pass |
| | | Inner_1RB_Left | 18.11 | 18.24 | 21.19 | 20.81 | 20.94 | 23.89 | <=33 | Pass |
| | | Inner_1RB_Right | 18.42 | 18.48 | 21.46 | 21.12 | 21.18 | 24.16 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.69 | 18.68 | 21.69 | 21.39 | 21.38 | 24.40 | <=33 | Pass |
| | | Inner_Full | 18.70 | 18.69 | 21.71 | 21.40 | 21.39 | 24.41 | <=33 | Pass |
| | | Inner_1RB_Left | 18.10 | 18.09 | 21.11 | 20.80 | 20.79 | 23.81 | <=33 | Pass |
| | | Inner_1RB_Right | 18.38 | 18.41 | 21.41 | 21.08 | 21.11 | 24.11 | <=33 | Pass |
| | 2670 | Outer_Full | 18.58 | 18.74 | 21.67 | 21.28 | 21.44 | 24.37 | <=33 | Pass |
| | | Inner_Full | 18.55 | 18.72 | 21.65 | 21.25 | 21.42 | 24.35 | <=33 | Pass |
| | | Inner_1RB_Left | 17.99 | 18.09 | 21.05 | 20.69 | 20.79 | 23.75 | <=33 | Pass |
| | | Inner_1RB_Right | 18.51 | 18.70 | 21.62 | 21.21 | 21.40 | 24.32 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.22 30_M_45M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 45MHz 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 | 2518.5 | Outer_Full | 24.66 | 24.71 | 27.69 | 27.36 | 27.41 | 30.40 | <=33 | Pass |
| | | Inner_Full | 26.13 | 26.15 | 29.15 | 28.83 | 28.85 | 31.85 | <=33 | Pass |
| | | Inner_1RB_Left | 26.10 | 26.23 | 29.18 | 28.80 | 28.93 | 31.88 | <=33 | Pass |
| | | Inner_1RB_Right | 26.33 | 26.36 | 29.36 | 29.03 | 29.06 | 32.06 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.66 | 24.65 | 27.67 | 27.36 | 27.35 | 30.37 | <=33 | Pass |
| | | Inner_Full | 26.08 | 26.07 | 29.08 | 28.78 | 28.77 | 31.79 | <=33 | Pass |
| | | Inner_1RB_Left | 26.16 | 26.16 | 29.17 | 28.86 | 28.86 | 31.87 | <=33 | Pass |
| | | Inner_1RB_Right | 26.22 | 26.28 | 29.26 | 28.92 | 28.98 | 31.96 | <=33 | Pass |
| | 2667.48 | Outer_Full | 24.54 | 24.68 | 27.62 | 27.24 | 27.38 | 30.32 | <=33 | Pass |
| | | Inner_Full | 26.02 | 26.17 | 29.11 | 28.72 | 28.87 | 31.81 | <=33 | Pass |
| | | Inner_1RB_Left | 25.84 | 25.93 | 28.89 | 28.54 | 28.63 | 31.60 | <=33 | Pass |
| | | Inner_1RB_Right | 26.35 | 26.52 | 29.45 | 29.05 | 29.22 | 32.15 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2518.5 | Outer_Full | 24.12 | 24.17 | 27.15 | 26.82 | 26.87 | 29.86 | <=33 | Pass |
| | | Inner_Full | 26.13 | 26.15 | 29.15 | 28.83 | 28.85 | 31.85 | <=33 | Pass |
| | | Inner_1RB_Left | 25.97 | 26.11 | 29.05 | 28.67 | 28.81 | 31.75 | <=33 | Pass |
| | | Inner_1RB_Right | 26.36 | 26.39 | 29.38 | 29.06 | 29.09 | 32.09 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.07 | 24.06 | 27.07 | 26.77 | 26.76 | 29.78 | <=33 | Pass |
| | | Inner_Full | 26.06 | 26.04 | 29.06 | 28.76 | 28.74 | 31.76 | <=33 | Pass |
| | | Inner_1RB_Left | 26.11 | 26.12 | 29.13 | 28.81 | 28.82 | 31.83 | <=33 | Pass |
| | | Inner_1RB_Right | 26.19 | 26.25 | 29.23 | 28.89 | 28.95 | 31.93 | <=33 | Pass |
| | 2667.48 | Outer_Full | 24.06 | 24.21 | 27.14 | 26.76 | 26.91 | 29.85 | <=33 | Pass |
| | | Inner_Full | 26.02 | 26.17 | 29.10 | 28.72 | 28.87 | 31.81 | <=33 | Pass |
| | | Inner_1RB_Left | 25.85 | 25.94 | 28.90 | 28.55 | 28.64 | 31.61 | <=33 | Pass |
| | | Inner_1RB_Right | 26.27 | 26.44 | 29.37 | 28.97 | 29.14 | 32.07 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2518.5 | Outer_Full | 24.13 | 24.18 | 27.16 | 26.83 | 26.88 | 29.87 | <=33 | Pass |
| | | Inner_Full | 25.21 | 25.23 | 28.23 | 27.91 | 27.93 | 30.93 | <=33 | Pass |
| | | Inner_1RB_Left | 25.17 | 25.31 | 28.25 | 27.87 | 28.01 | 30.95 | <=33 | Pass |
| | | Inner_1RB_Right | 25.48 | 25.51 | 28.50 | 28.18 | 28.21 | 31.21 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.11 | 24.10 | 27.11 | 26.81 | 26.80 | 29.82 | <=33 | Pass |
| | | Inner_Full | 25.11 | 25.09 | 28.11 | 27.81 | 27.79 | 30.81 | <=33 | Pass |
| | | Inner_1RB_Left | 25.25 | 25.25 | 28.26 | 27.95 | 27.95 | 30.96 | <=33 | Pass |
| | | Inner_1RB_Right | 25.32 | 25.38 | 28.36 | 28.02 | 28.08 | 31.06 | <=33 | Pass |
| | 2667.48 | Outer_Full | 24.09 | 24.24 | 27.18 | 26.79 | 26.94 | 29.88 | <=33 | Pass |
| | | Inner_Full | 25.08 | 25.23 | 28.17 | 27.78 | 27.93 | 30.87 | <=33 | Pass |
| | | Inner_1RB_Left | 24.84 | 24.93 | 27.89 | 27.54 | 27.63 | 30.60 | <=33 | Pass |
| | | Inner_1RB_Right | 25.36 | 25.53 | 28.45 | 28.06 | 28.23 | 31.16 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2518.5 | Outer_Full | 23.17 | 23.22 | 26.20 | 25.87 | 25.92 | 28.91 | <=33 | Pass |
| | | Inner_Full | 23.22 | 23.24 | 26.24 | 25.92 | 25.94 | 28.94 | <=33 | Pass |
| | | Inner_1RB_Left | 23.00 | 23.13 | 26.08 | 25.70 | 25.83 | 28.78 | <=33 | Pass |
| | | Inner_1RB_Right | 23.29 | 23.33 | 26.32 | 25.99 | 26.03 | 29.02 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.10 | 23.09 | 26.11 | 25.80 | 25.79 | 28.81 | <=33 | Pass |
| | | Inner_Full | 23.17 | 23.16 | 26.17 | 25.87 | 25.86 | 28.88 | <=33 | Pass |
| | | Inner_1RB_Left | 23.16 | 23.16 | 26.17 | 25.86 | 25.86 | 28.87 | <=33 | Pass |
| | | Inner_1RB_Right | 23.17 | 23.23 | 26.21 | 25.87 | 25.93 | 28.91 | <=33 | Pass |
| | 2667.48 | Outer_Full | 23.08 | 23.22 | 26.16 | 25.78 | 25.92 | 28.86 | <=33 | Pass |
| | | Inner_Full | 23.09 | 23.24 | 26.17 | 25.79 | 25.94 | 28.88 | <=33 | Pass |
| | | Inner_1RB_Left | 22.78 | 22.87 | 25.84 | 25.48 | 25.57 | 28.54 | <=33 | Pass |
| | | Inner_1RB_Right | 23.30 | 23.47 | 26.40 | 26.00 | 26.17 | 29.10 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2518.5 | Outer_Full | 20.65 | 20.70 | 23.69 | 23.35 | 23.40 | 26.39 | <=33 | Pass |
| | | Inner_Full | 20.63 | 20.65 | 23.65 | 23.33 | 23.35 | 26.35 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.17 | 20.31 | 23.25 | 22.87 | 23.01 | 25.95 | <=33 | Pass |
| | | Inner_1RB_Right | 20.47 | 20.51 | 23.50 | 23.17 | 23.21 | 26.20 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.56 | 20.55 | 23.56 | 23.26 | 23.25 | 26.27 | <=33 | Pass |
| | | Inner_Full | 20.63 | 20.61 | 23.63 | 23.33 | 23.31 | 26.33 | <=33 | Pass |
| | | Inner_1RB_Left | 20.08 | 20.08 | 23.09 | 22.78 | 22.78 | 25.79 | <=33 | Pass |
| | | Inner_1RB_Right | 20.34 | 20.41 | 23.39 | 23.04 | 23.11 | 26.09 | <=33 | Pass |
| | 2667.48 | Outer_Full | 20.55 | 20.69 | 23.63 | 23.25 | 23.39 | 26.33 | <=33 | Pass |
| | | Inner_Full | 20.57 | 20.72 | 23.66 | 23.27 | 23.42 | 26.36 | <=33 | Pass |
| | | Inner_1RB_Left | 20.01 | 20.10 | 23.07 | 22.71 | 22.80 | 25.77 | <=33 | Pass |
| | | Inner_1RB_Right | 20.52 | 20.69 | 23.62 | 23.22 | 23.39 | 26.32 | <=33 | Pass |
| CP-OFDM QPSK | 2518.5 | Outer_Full | 22.17 | 22.22 | 25.20 | 24.87 | 24.92 | 27.91 | <=33 | Pass |
| | | Inner_Full | 24.32 | 24.34 | 27.34 | 27.02 | 27.04 | 30.04 | <=33 | Pass |
| | | Inner_1RB_Left | 24.16 | 24.29 | 27.24 | 26.86 | 26.99 | 29.94 | <=33 | Pass |
| | | Inner_1RB_Right | 24.38 | 24.41 | 27.41 | 27.08 | 27.11 | 30.11 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.09 | 22.09 | 25.10 | 24.79 | 24.79 | 27.80 | <=33 | Pass |
| | | Inner_Full | 24.22 | 24.21 | 27.23 | 26.92 | 26.91 | 29.93 | <=33 | Pass |
| | | Inner_1RB_Left | 24.24 | 24.24 | 27.25 | 26.94 | 26.94 | 29.95 | <=33 | Pass |
| | | Inner_1RB_Right | 24.24 | 24.30 | 27.28 | 26.94 | 27.00 | 29.98 | <=33 | Pass |
| | 2667.48 | Outer_Full | 22.03 | 22.17 | 25.11 | 24.73 | 24.87 | 27.81 | <=33 | Pass |
| | | Inner_Full | 24.21 | 24.36 | 27.30 | 26.91 | 27.06 | 30.00 | <=33 | Pass |
| | | Inner_1RB_Left | 23.94 | 24.03 | 27.00 | 26.64 | 26.73 | 29.70 | <=33 | Pass |
| | | Inner_1RB_Right | 24.38 | 24.55 | 27.48 | 27.08 | 27.25 | 30.18 | <=33 | Pass |
| CP-OFDM 16 QAM | 2518.5 | Outer_Full | 21.70 | 21.75 | 24.73 | 24.40 | 24.45 | 27.44 | <=33 | Pass |
| | | Inner_Full | 23.77 | 23.79 | 26.79 | 26.47 | 26.49 | 29.49 | <=33 | Pass |
| | | Inner_1RB_Left | 23.74 | 23.88 | 26.82 | 26.44 | 26.58 | 29.52 | <=33 | Pass |
| | | Inner_1RB_Right | 24.01 | 24.04 | 27.04 | 26.71 | 26.74 | 29.74 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.58 | 21.57 | 24.59 | 24.28 | 24.27 | 27.29 | <=33 | Pass |
| | | Inner_Full | 23.66 | 23.65 | 26.67 | 26.36 | 26.35 | 29.37 | <=33 | Pass |
| | | Inner_1RB_Left | 23.84 | 23.85 | 26.86 | 26.54 | 26.55 | 29.56 | <=33 | Pass |
| | | Inner_1RB_Right | 23.78 | 23.84 | 26.82 | 26.48 | 26.54 | 29.52 | <=33 | Pass |
| | 2667.48 | Outer_Full | 21.58 | 21.72 | 24.66 | 24.28 | 24.42 | 27.36 | <=33 | Pass |
| | | Inner_Full | 23.60 | 23.76 | 26.69 | 26.30 | 26.46 | 29.39 | <=33 | Pass |
| | | Inner_1RB_Left | 23.55 | 23.63 | 26.60 | 26.25 | 26.33 | 29.30 | <=33 | Pass |
| | | Inner_1RB_Right | 23.89 | 24.06 | 26.99 | 26.59 | 26.76 | 29.69 | <=33 | Pass |
| CP-OFDM 64 QAM | 2518.5 | Outer_Full | 22.20 | 22.25 | 25.23 | 24.90 | 24.95 | 27.94 | <=33 | Pass |
| | | Inner_Full | 22.19 | 22.21 | 25.21 | 24.89 | 24.91 | 27.91 | <=33 | Pass |
| | | Inner_1RB_Left | 22.03 | 22.17 | 25.11 | 24.73 | 24.87 | 27.81 | <=33 | Pass |
| | | Inner_1RB_Right | 22.29 | 22.32 | 25.32 | 24.99 | 25.02 | 28.02 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.08 | 22.08 | 25.09 | 24.78 | 24.78 | 27.79 | <=33 | Pass |
| | | Inner_Full | 22.11 | 22.10 | 25.12 | 24.81 | 24.80 | 27.82 | <=33 | Pass |
| | | Inner_1RB_Left | 22.09 | 22.09 | 25.10 | 24.79 | 24.79 | 27.80 | <=33 | Pass |
| | | Inner_1RB_Right | 22.15 | 22.21 | 25.19 | 24.85 | 24.91 | 27.89 | <=33 | Pass |
| | 2667.48 | Outer_Full | 22.01 | 22.16 | 25.10 | 24.71 | 24.86 | 27.80 | <=33 | Pass |
| | | Inner_Full | 22.08 | 22.23 | 25.16 | 24.78 | 24.93 | 27.87 | <=33 | Pass |
| | | Inner_1RB_Left | 21.84 | 21.93 | 24.89 | 24.54 | 24.63 | 27.60 | <=33 | Pass |
| | | Inner_1RB_Right | 22.25 | 22.42 | 25.35 | 24.95 | 25.12 | 28.05 | <=33 | Pass |
| CP-OFDM 256 QAM | 2518.5 | Outer_Full | 18.83 | 18.88 | 21.87 | 21.53 | 21.58 | 24.57 | <=33 | Pass |
| | | Inner_Full | 18.76 | 18.79 | 21.79 | 21.46 | 21.49 | 24.49 | <=33 | Pass |
| | | Inner_1RB_Left | 18.35 | 18.49 | 21.43 | 21.05 | 21.19 | 24.13 | <=33 | Pass |
| | | Inner_1RB_Right | 18.62 | 18.65 | 21.64 | 21.32 | 21.35 | 24.35 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.84 | 18.84 | 21.85 | 21.54 | 21.54 | 24.55 | <=33 | Pass |
| | | Inner_Full | 18.77 | 18.76 | 21.78 | 21.47 | 21.46 | 24.48 | <=33 | Pass |
| | | Inner_1RB_Left | 18.51 | 18.52 | 21.52 | 21.21 | 21.22 | 24.23 | <=33 | Pass |
| | | Inner_1RB_Right | 18.48 | 18.54 | 21.52 | 21.18 | 21.24 | 24.22 | <=33 | Pass |
| | 2667.48 | Outer_Full | 18.73 | 18.87 | 21.81 | 21.43 | 21.57 | 24.51 | <=33 | Pass |
| | | Inner_Full | 18.73 | 18.89 | 21.82 | 21.43 | 21.59 | 24.52 | <=33 | Pass |
| | | Inner_1RB_Left | 18.29 | 18.39 | 21.35 | 20.99 | 21.09 | 24.05 | <=33 | Pass |
| | | Inner_1RB_Right | 18.57 | 18.74 | 21.66 | 21.27 | 21.44 | 24.37 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.23 30_M_50M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 50MHz 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 | 2521.02 | Outer_Full | 24.62 | 24.66 | 27.65 | 27.32 | 27.36 | 30.35 | <=33 | Pass |
| | | Inner_Full | 26.23 | 26.25 | 29.25 | 28.93 | 28.95 | 31.95 | <=33 | Pass |
| | | Inner_1RB_Left | 26.05 | 26.18 | 29.13 | 28.75 | 28.88 | 31.83 | <=33 | Pass |
| | | Inner_1RB_Right | 26.28 | 26.28 | 29.29 | 28.98 | 28.98 | 31.99 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.54 | 24.54 | 27.55 | 27.24 | 27.24 | 30.25 | <=33 | Pass |
| | | Inner_Full | 26.12 | 26.11 | 29.12 | 28.82 | 28.81 | 31.83 | <=33 | Pass |
| | | Inner_1RB_Left | 26.13 | 26.16 | 29.15 | 28.83 | 28.86 | 31.86 | <=33 | Pass |
| | | Inner_1RB_Right | 26.26 | 26.35 | 29.31 | 28.96 | 29.05 | 32.02 | <=33 | Pass |
| | 2664.99 | Outer_Full | 24.49 | 24.65 | 27.58 | 27.19 | 27.35 | 30.28 | <=33 | Pass |
| | | Inner_Full | 25.97 | 26.13 | 29.06 | 28.67 | 28.83 | 31.76 | <=33 | Pass |
| | | Inner_1RB_Left | 25.77 | 25.88 | 28.84 | 28.47 | 28.58 | 31.54 | <=33 | Pass |
| | | Inner_1RB_Right | 26.23 | 26.42 | 29.34 | 28.93 | 29.12 | 32.04 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2521.02 | Outer_Full | 24.09 | 24.13 | 27.12 | 26.79 | 26.83 | 29.82 | <=33 | Pass |
| | | Inner_Full | 26.19 | 26.21 | 29.21 | 28.89 | 28.91 | 31.91 | <=33 | Pass |
| | | Inner_1RB_Left | 26.04 | 26.17 | 29.11 | 28.74 | 28.87 | 31.82 | <=33 | Pass |
| | | Inner_1RB_Right | 26.24 | 26.23 | 29.25 | 28.94 | 28.93 | 31.95 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.06 | 24.06 | 27.07 | 26.76 | 26.76 | 29.77 | <=33 | Pass |
| | | Inner_Full | 26.21 | 26.19 | 29.21 | 28.91 | 28.89 | 31.91 | <=33 | Pass |
| | | Inner_1RB_Left | 26.10 | 26.12 | 29.12 | 28.80 | 28.82 | 31.82 | <=33 | Pass |
| | | Inner_1RB_Right | 26.14 | 26.23 | 29.20 | 28.84 | 28.93 | 31.90 | <=33 | Pass |
| | 2664.99 | Outer_Full | 23.97 | 24.12 | 27.06 | 26.67 | 26.82 | 29.76 | <=33 | Pass |
| | | Inner_Full | 26.07 | 26.23 | 29.16 | 28.77 | 28.93 | 31.86 | <=33 | Pass |
| | | Inner_1RB_Left | 25.75 | 25.85 | 28.81 | 28.45 | 28.55 | 31.51 | <=33 | Pass |
| | | Inner_1RB_Right | 26.25 | 26.43 | 29.35 | 28.95 | 29.13 | 32.05 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2521.02 | Outer_Full | 24.12 | 24.16 | 27.15 | 26.82 | 26.86 | 29.85 | <=33 | Pass |
| | | Inner_Full | 25.17 | 25.19 | 28.19 | 27.87 | 27.89 | 30.89 | <=33 | Pass |
| | | Inner_1RB_Left | 25.11 | 25.23 | 28.18 | 27.81 | 27.93 | 30.88 | <=33 | Pass |
| | | Inner_1RB_Right | 25.31 | 25.31 | 28.32 | 28.01 | 28.01 | 31.02 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.17 | 24.16 | 27.18 | 26.87 | 26.86 | 29.88 | <=33 | Pass |
| | | Inner_Full | 25.13 | 25.11 | 28.13 | 27.83 | 27.81 | 30.83 | <=33 | Pass |
| | | Inner_1RB_Left | 25.04 | 25.06 | 28.06 | 27.74 | 27.76 | 30.76 | <=33 | Pass |
| | | Inner_1RB_Right | 25.32 | 25.41 | 28.37 | 28.02 | 28.11 | 31.08 | <=33 | Pass |
| | 2664.99 | Outer_Full | 24.01 | 24.16 | 27.10 | 26.71 | 26.86 | 29.80 | <=33 | Pass |
| | | Inner_Full | 25.03 | 25.19 | 28.12 | 27.73 | 27.89 | 30.82 | <=33 | Pass |
| | | Inner_1RB_Left | 24.84 | 24.94 | 27.90 | 27.54 | 27.64 | 30.60 | <=33 | Pass |
| | | Inner_1RB_Right | 25.35 | 25.53 | 28.45 | 28.05 | 28.23 | 31.15 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2521.02 | Outer_Full | 23.12 | 23.16 | 26.15 | 25.82 | 25.86 | 28.85 | <=33 | Pass |
| | | Inner_Full | 23.12 | 23.14 | 26.14 | 25.82 | 25.84 | 28.84 | <=33 | Pass |
| | | Inner_1RB_Left | 22.99 | 23.12 | 26.06 | 25.69 | 25.82 | 28.77 | <=33 | Pass |
| | | Inner_1RB_Right | 23.24 | 23.24 | 26.25 | 25.94 | 25.94 | 28.95 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.06 | 23.06 | 26.07 | 25.76 | 25.76 | 28.77 | <=33 | Pass |
| | | Inner_Full | 23.12 | 23.11 | 26.13 | 25.82 | 25.81 | 28.83 | <=33 | Pass |
| | | Inner_1RB_Left | 22.94 | 22.97 | 25.97 | 25.64 | 25.67 | 28.67 | <=33 | Pass |
| | | Inner_1RB_Right | 23.11 | 23.20 | 26.17 | 25.81 | 25.90 | 28.87 | <=33 | Pass |
| | 2664.99 | Outer_Full | 22.98 | 23.13 | 26.07 | 25.68 | 25.83 | 28.77 | <=33 | Pass |
| | | Inner_Full | 23.04 | 23.20 | 26.13 | 25.74 | 25.90 | 28.83 | <=33 | Pass |
| | | Inner_1RB_Left | 22.80 | 22.91 | 25.86 | 25.50 | 25.61 | 28.57 | <=33 | Pass |
| | | Inner_1RB_Right | 23.17 | 23.36 | 26.28 | 25.87 | 26.06 | 28.98 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2521.02 | Outer_Full | 20.59 | 20.63 | 23.62 | 23.29 | 23.33 | 26.32 | <=33 | Pass |
| | | Inner_Full | 20.59 | 20.62 | 23.61 | 23.29 | 23.32 | 26.32 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.13 | 20.26 | 23.21 | 22.83 | 22.96 | 25.91 | <=33 | Pass |
| | | Inner_1RB_Right | 20.35 | 20.36 | 23.37 | 23.05 | 23.06 | 26.07 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.63 | 20.63 | 23.64 | 23.33 | 23.33 | 26.34 | <=33 | Pass |
| | | Inner_Full | 20.60 | 20.59 | 23.61 | 23.30 | 23.29 | 26.31 | <=33 | Pass |
| | | Inner_1RB_Left | 20.12 | 20.14 | 23.14 | 22.82 | 22.84 | 25.84 | <=33 | Pass |
| | | Inner_1RB_Right | 20.32 | 20.41 | 23.37 | 23.02 | 23.11 | 26.08 | <=33 | Pass |
| | 2664.99 | Outer_Full | 20.51 | 20.66 | 23.59 | 23.21 | 23.36 | 26.30 | <=33 | Pass |
| | | Inner_Full | 20.50 | 20.66 | 23.59 | 23.20 | 23.36 | 26.29 | <=33 | Pass |
| | | Inner_1RB_Left | 19.91 | 20.02 | 22.97 | 22.61 | 22.72 | 25.68 | <=33 | Pass |
| | | Inner_1RB_Right | 20.43 | 20.62 | 23.53 | 23.13 | 23.32 | 26.24 | <=33 | Pass |
| CP-OFDM QPSK | 2521.02 | Outer_Full | 22.06 | 22.10 | 25.09 | 24.76 | 24.80 | 27.79 | <=33 | Pass |
| | | Inner_Full | 24.16 | 24.19 | 27.19 | 26.86 | 26.89 | 29.89 | <=33 | Pass |
| | | Inner_1RB_Left | 24.30 | 24.42 | 27.37 | 27.00 | 27.12 | 30.07 | <=33 | Pass |
| | | Inner_1RB_Right | 24.32 | 24.32 | 27.33 | 27.02 | 27.02 | 30.03 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.08 | 22.08 | 25.09 | 24.78 | 24.78 | 27.79 | <=33 | Pass |
| | | Inner_Full | 24.22 | 24.21 | 27.23 | 26.92 | 26.91 | 29.93 | <=33 | Pass |
| | | Inner_1RB_Left | 24.11 | 24.14 | 27.14 | 26.81 | 26.84 | 29.84 | <=33 | Pass |
| | | Inner_1RB_Right | 24.25 | 24.34 | 27.31 | 26.95 | 27.04 | 30.01 | <=33 | Pass |
| | 2664.99 | Outer_Full | 21.97 | 22.12 | 25.06 | 24.67 | 24.82 | 27.76 | <=33 | Pass |
| | | Inner_Full | 24.10 | 24.27 | 27.20 | 26.80 | 26.97 | 29.90 | <=33 | Pass |
| | | Inner_1RB_Left | 23.75 | 23.86 | 26.81 | 26.45 | 26.56 | 29.52 | <=33 | Pass |
| | | Inner_1RB_Right | 24.26 | 24.44 | 27.36 | 26.96 | 27.14 | 30.06 | <=33 | Pass |
| CP-OFDM 16 QAM | 2521.02 | Outer_Full | 21.58 | 21.62 | 24.61 | 24.28 | 24.32 | 27.31 | <=33 | Pass |
| | | Inner_Full | 23.75 | 23.77 | 26.77 | 26.45 | 26.47 | 29.47 | <=33 | Pass |
| | | Inner_1RB_Left | 23.82 | 23.94 | 26.89 | 26.52 | 26.64 | 29.59 | <=33 | Pass |
| | | Inner_1RB_Right | 24.04 | 24.04 | 27.05 | 26.74 | 26.74 | 29.75 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.61 | 21.61 | 24.62 | 24.31 | 24.31 | 27.32 | <=33 | Pass |
| | | Inner_Full | 23.70 | 23.68 | 26.70 | 26.40 | 26.38 | 29.40 | <=33 | Pass |
| | | Inner_1RB_Left | 23.65 | 23.67 | 26.67 | 26.35 | 26.37 | 29.37 | <=33 | Pass |
| | | Inner_1RB_Right | 23.91 | 24.00 | 26.97 | 26.61 | 26.70 | 29.67 | <=33 | Pass |
| | 2664.99 | Outer_Full | 21.49 | 21.64 | 24.58 | 24.19 | 24.34 | 27.28 | <=33 | Pass |
| | | Inner_Full | 23.60 | 23.76 | 26.69 | 26.30 | 26.46 | 29.39 | <=33 | Pass |
| | | Inner_1RB_Left | 23.49 | 23.59 | 26.55 | 26.19 | 26.29 | 29.25 | <=33 | Pass |
| | | Inner_1RB_Right | 23.96 | 24.15 | 27.07 | 26.66 | 26.85 | 29.77 | <=33 | Pass |
| CP-OFDM 64 QAM | 2521.02 | Outer_Full | 22.16 | 22.19 | 25.19 | 24.86 | 24.89 | 27.89 | <=33 | Pass |
| | | Inner_Full | 22.19 | 22.21 | 25.21 | 24.89 | 24.91 | 27.91 | <=33 | Pass |
| | | Inner_1RB_Left | 22.10 | 22.23 | 25.17 | 24.80 | 24.93 | 27.88 | <=33 | Pass |
| | | Inner_1RB_Right | 22.26 | 22.25 | 25.27 | 24.96 | 24.95 | 27.97 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.07 | 22.07 | 25.08 | 24.77 | 24.77 | 27.78 | <=33 | Pass |
| | | Inner_Full | 22.12 | 22.10 | 25.12 | 24.82 | 24.80 | 27.82 | <=33 | Pass |
| | | Inner_1RB_Left | 22.00 | 22.03 | 25.02 | 24.70 | 24.73 | 27.73 | <=33 | Pass |
| | | Inner_1RB_Right | 22.13 | 22.22 | 25.19 | 24.83 | 24.92 | 27.89 | <=33 | Pass |
| | 2664.99 | Outer_Full | 22.05 | 22.20 | 25.14 | 24.75 | 24.90 | 27.84 | <=33 | Pass |
| | | Inner_Full | 22.02 | 22.19 | 25.12 | 24.72 | 24.89 | 27.82 | <=33 | Pass |
| | | Inner_1RB_Left | 21.69 | 21.80 | 24.75 | 24.39 | 24.50 | 27.46 | <=33 | Pass |
| | | Inner_1RB_Right | 22.29 | 22.48 | 25.40 | 24.99 | 25.18 | 28.10 | <=33 | Pass |
| CP-OFDM 256 QAM | 2521.02 | Outer_Full | 18.76 | 18.80 | 21.79 | 21.46 | 21.50 | 24.49 | <=33 | Pass |
| | | Inner_Full | 18.83 | 18.85 | 21.85 | 21.53 | 21.55 | 24.55 | <=33 | Pass |
| | | Inner_1RB_Left | 18.30 | 18.43 | 21.38 | 21.00 | 21.13 | 24.08 | <=33 | Pass |
| | | Inner_1RB_Right | 18.53 | 18.53 | 21.54 | 21.23 | 21.23 | 24.24 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.81 | 18.81 | 21.82 | 21.51 | 21.51 | 24.52 | <=33 | Pass |
| | | Inner_Full | 18.79 | 18.78 | 21.79 | 21.49 | 21.48 | 24.50 | <=33 | Pass |
| | | Inner_1RB_Left | 18.28 | 18.30 | 21.30 | 20.98 | 21.00 | 24.00 | <=33 | Pass |
| | | Inner_1RB_Right | 18.44 | 18.53 | 21.50 | 21.14 | 21.23 | 24.20 | <=33 | Pass |
| | 2664.99 | Outer_Full | 18.58 | 18.74 | 21.67 | 21.28 | 21.44 | 24.37 | <=33 | Pass |
| | | Inner_Full | 18.68 | 18.84 | 21.77 | 21.38 | 21.54 | 24.47 | <=33 | Pass |
| | | Inner_1RB_Left | 17.93 | 18.04 | 21.00 | 20.63 | 20.74 | 23.70 | <=33 | Pass |
| | | Inner_1RB_Right | 18.47 | 18.66 | 21.58 | 21.17 | 21.36 | 24.28 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.24 30_M_60M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 60MHz 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 | 2526 | Outer_Full | 24.62 | 24.62 | 27.63 | 27.32 | 27.32 | 30.33 | <=33 | Pass |
| | | Inner_Full | 26.18 | 26.16 | 29.18 | 28.88 | 28.86 | 31.88 | <=33 | Pass |
| | | Inner_1RB_Left | 25.95 | 26.04 | 29.01 | 28.65 | 28.74 | 31.71 | <=33 | Pass |
| | | Inner_1RB_Right | 26.21 | 26.24 | 29.23 | 28.91 | 28.94 | 31.94 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.51 | 24.52 | 27.53 | 27.21 | 27.22 | 30.23 | <=33 | Pass |
| | | Inner_Full | 25.95 | 25.93 | 28.95 | 28.65 | 28.63 | 31.65 | <=33 | Pass |
| | | Inner_1RB_Left | 25.90 | 25.96 | 28.94 | 28.60 | 28.66 | 31.64 | <=33 | Pass |
| | | Inner_1RB_Right | 26.01 | 26.17 | 29.10 | 28.71 | 28.87 | 31.80 | <=33 | Pass |
| | 2659.98 | Outer_Full | 24.46 | 24.60 | 27.54 | 27.16 | 27.30 | 30.24 | <=33 | Pass |
| | | Inner_Full | 25.79 | 25.92 | 28.86 | 28.49 | 28.62 | 31.57 | <=33 | Pass |
| | | Inner_1RB_Left | 25.71 | 25.85 | 28.79 | 28.41 | 28.55 | 31.49 | <=33 | Pass |
| | | Inner_1RB_Right | 26.12 | 26.29 | 29.22 | 28.82 | 28.99 | 31.92 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2526 | Outer_Full | 24.11 | 24.10 | 27.12 | 26.81 | 26.80 | 29.82 | <=33 | Pass |
| | | Inner_Full | 25.98 | 25.96 | 28.98 | 28.68 | 28.66 | 31.68 | <=33 | Pass |
| | | Inner_1RB_Left | 25.89 | 25.97 | 28.94 | 28.59 | 28.67 | 31.64 | <=33 | Pass |
| | | Inner_1RB_Right | 26.08 | 26.11 | 29.11 | 28.78 | 28.81 | 31.81 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.04 | 24.05 | 27.05 | 26.74 | 26.75 | 29.76 | <=33 | Pass |
| | | Inner_Full | 25.96 | 25.94 | 28.96 | 28.66 | 28.64 | 31.66 | <=33 | Pass |
| | | Inner_1RB_Left | 25.85 | 25.92 | 28.89 | 28.55 | 28.62 | 31.60 | <=33 | Pass |
| | | Inner_1RB_Right | 26.01 | 26.17 | 29.10 | 28.71 | 28.87 | 31.80 | <=33 | Pass |
| | 2659.98 | Outer_Full | 23.83 | 23.98 | 26.92 | 26.53 | 26.68 | 29.62 | <=33 | Pass |
| | | Inner_Full | 25.86 | 25.99 | 28.94 | 28.56 | 28.69 | 31.64 | <=33 | Pass |
| | | Inner_1RB_Left | 25.66 | 25.81 | 28.75 | 28.36 | 28.51 | 31.45 | <=33 | Pass |
| | | Inner_1RB_Right | 26.11 | 26.29 | 29.21 | 28.81 | 28.99 | 31.91 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2526 | Outer_Full | 24.07 | 24.07 | 27.08 | 26.77 | 26.77 | 29.78 | <=33 | Pass |
| | | Inner_Full | 24.90 | 24.89 | 27.91 | 27.60 | 27.59 | 30.61 | <=33 | Pass |
| | | Inner_1RB_Left | 25.04 | 25.13 | 28.10 | 27.74 | 27.83 | 30.80 | <=33 | Pass |
| | | Inner_1RB_Right | 25.29 | 25.33 | 28.32 | 27.99 | 28.03 | 31.02 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.99 | 24.00 | 27.01 | 26.69 | 26.70 | 29.71 | <=33 | Pass |
| | | Inner_Full | 24.98 | 24.96 | 27.98 | 27.68 | 27.66 | 30.68 | <=33 | Pass |
| | | Inner_1RB_Left | 24.96 | 25.02 | 28.00 | 27.66 | 27.72 | 30.70 | <=33 | Pass |
| | | Inner_1RB_Right | 25.02 | 25.19 | 28.12 | 27.72 | 27.89 | 30.82 | <=33 | Pass |
| | 2659.98 | Outer_Full | 23.79 | 23.93 | 26.87 | 26.49 | 26.63 | 29.57 | <=33 | Pass |
| | | Inner_Full | 24.81 | 24.95 | 27.89 | 27.51 | 27.65 | 30.59 | <=33 | Pass |
| | | Inner_1RB_Left | 24.73 | 24.88 | 27.81 | 27.43 | 27.58 | 30.52 | <=33 | Pass |
| | | Inner_1RB_Right | 25.29 | 25.46 | 28.39 | 27.99 | 28.16 | 31.09 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2526 | Outer_Full | 22.93 | 22.93 | 25.94 | 25.63 | 25.63 | 28.64 | <=33 | Pass |
| | | Inner_Full | 22.91 | 22.90 | 25.92 | 25.61 | 25.60 | 28.62 | <=33 | Pass |
| | | Inner_1RB_Left | 22.98 | 23.06 | 26.03 | 25.68 | 25.76 | 28.73 | <=33 | Pass |
| | | Inner_1RB_Right | 23.10 | 23.13 | 26.12 | 25.80 | 25.83 | 28.83 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.98 | 22.99 | 26.00 | 25.68 | 25.69 | 28.70 | <=33 | Pass |
| | | Inner_Full | 22.86 | 22.84 | 25.86 | 25.56 | 25.54 | 28.56 | <=33 | Pass |
| | | Inner_1RB_Left | 22.96 | 23.02 | 26.00 | 25.66 | 25.72 | 28.70 | <=33 | Pass |
| | | Inner_1RB_Right | 22.98 | 23.14 | 26.07 | 25.68 | 25.84 | 28.77 | <=33 | Pass |
| | 2659.98 | Outer_Full | 22.80 | 22.95 | 25.88 | 25.50 | 25.65 | 28.59 | <=33 | Pass |
| | | Inner_Full | 22.84 | 22.98 | 25.92 | 25.54 | 25.68 | 28.62 | <=33 | Pass |
| | | Inner_1RB_Left | 22.68 | 22.82 | 25.76 | 25.38 | 25.52 | 28.46 | <=33 | Pass |
| | | Inner_1RB_Right | 23.13 | 23.30 | 26.23 | 25.83 | 26.00 | 28.93 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2526 | Outer_Full | 20.40 | 20.39 | 23.41 | 23.10 | 23.09 | 26.11 | <=33 | Pass |
| | | Inner_Full | 20.43 | 20.42 | 23.43 | 23.13 | 23.12 | 26.14 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.17 | 20.25 | 23.22 | 22.87 | 22.95 | 25.92 | <=33 | Pass |
| | | Inner_1RB_Right | 20.44 | 20.47 | 23.46 | 23.14 | 23.17 | 26.17 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.48 | 20.49 | 23.49 | 23.18 | 23.19 | 26.20 | <=33 | Pass |
| | | Inner_Full | 20.37 | 20.35 | 23.37 | 23.07 | 23.05 | 26.07 | <=33 | Pass |
| | | Inner_1RB_Left | 20.12 | 20.19 | 23.17 | 22.82 | 22.89 | 25.87 | <=33 | Pass |
| | | Inner_1RB_Right | 20.05 | 20.22 | 23.15 | 22.75 | 22.92 | 25.85 | <=33 | Pass |
| | 2659.98 | Outer_Full | 20.32 | 20.47 | 23.40 | 23.02 | 23.17 | 26.11 | <=33 | Pass |
| | | Inner_Full | 20.30 | 20.44 | 23.38 | 23.00 | 23.14 | 26.08 | <=33 | Pass |
| | | Inner_1RB_Left | 19.82 | 19.96 | 22.90 | 22.52 | 22.66 | 25.60 | <=33 | Pass |
| | | Inner_1RB_Right | 20.24 | 20.42 | 23.34 | 22.94 | 23.12 | 26.04 | <=33 | Pass |
| CP-OFDM QPSK | 2526 | Outer_Full | 21.99 | 21.99 | 25.00 | 24.69 | 24.69 | 27.70 | <=33 | Pass |
| | | Inner_Full | 23.98 | 23.96 | 26.98 | 26.68 | 26.66 | 29.68 | <=33 | Pass |
| | | Inner_1RB_Left | 24.08 | 24.17 | 27.14 | 26.78 | 26.87 | 29.84 | <=33 | Pass |
| | | Inner_1RB_Right | 24.06 | 24.10 | 27.09 | 26.76 | 26.80 | 29.79 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.79 | 21.81 | 24.81 | 24.49 | 24.51 | 27.51 | <=33 | Pass |
| | | Inner_Full | 23.87 | 23.85 | 26.87 | 26.57 | 26.55 | 29.57 | <=33 | Pass |
| | | Inner_1RB_Left | 23.91 | 23.97 | 26.95 | 26.61 | 26.67 | 29.65 | <=33 | Pass |
| | | Inner_1RB_Right | 24.06 | 24.22 | 27.15 | 26.76 | 26.92 | 29.85 | <=33 | Pass |
| | 2659.98 | Outer_Full | 21.79 | 21.93 | 24.87 | 24.49 | 24.63 | 27.57 | <=33 | Pass |
| | | Inner_Full | 23.85 | 23.98 | 26.92 | 26.55 | 26.68 | 29.63 | <=33 | Pass |
| | | Inner_1RB_Left | 23.76 | 23.91 | 26.85 | 26.46 | 26.61 | 29.55 | <=33 | Pass |
| | | Inner_1RB_Right | 24.19 | 24.37 | 27.29 | 26.89 | 27.07 | 29.99 | <=33 | Pass |
| CP-OFDM 16 QAM | 2526 | Outer_Full | 21.53 | 21.53 | 24.54 | 24.23 | 24.23 | 27.24 | <=33 | Pass |
| | | Inner_Full | 23.42 | 23.40 | 26.42 | 26.12 | 26.10 | 29.12 | <=33 | Pass |
| | | Inner_1RB_Left | 23.56 | 23.64 | 26.61 | 26.26 | 26.34 | 29.31 | <=33 | Pass |
| | | Inner_1RB_Right | 23.57 | 23.61 | 26.60 | 26.27 | 26.31 | 29.30 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.33 | 21.35 | 24.35 | 24.03 | 24.05 | 27.05 | <=33 | Pass |
| | | Inner_Full | 23.46 | 23.45 | 26.46 | 26.16 | 26.15 | 29.17 | <=33 | Pass |
| | | Inner_1RB_Left | 23.49 | 23.56 | 26.53 | 26.19 | 26.26 | 29.24 | <=33 | Pass |
| | | Inner_1RB_Right | 23.61 | 23.77 | 26.70 | 26.31 | 26.47 | 29.40 | <=33 | Pass |
| | 2659.98 | Outer_Full | 21.32 | 21.46 | 24.40 | 24.02 | 24.16 | 27.10 | <=33 | Pass |
| | | Inner_Full | 23.32 | 23.46 | 26.40 | 26.02 | 26.16 | 29.10 | <=33 | Pass |
| | | Inner_1RB_Left | 23.36 | 23.51 | 26.45 | 26.06 | 26.21 | 29.15 | <=33 | Pass |
| | | Inner_1RB_Right | 23.74 | 23.92 | 26.84 | 26.44 | 26.62 | 29.54 | <=33 | Pass |
| CP-OFDM 64 QAM | 2526 | Outer_Full | 21.92 | 21.92 | 24.93 | 24.62 | 24.62 | 27.63 | <=33 | Pass |
| | | Inner_Full | 22.00 | 21.99 | 25.01 | 24.70 | 24.69 | 27.71 | <=33 | Pass |
| | | Inner_1RB_Left | 22.02 | 22.11 | 25.07 | 24.72 | 24.81 | 27.78 | <=33 | Pass |
| | | Inner_1RB_Right | 21.96 | 21.99 | 24.99 | 24.66 | 24.69 | 27.69 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.88 | 21.89 | 24.90 | 24.58 | 24.59 | 27.60 | <=33 | Pass |
| | | Inner_Full | 21.90 | 21.88 | 24.90 | 24.60 | 24.58 | 27.60 | <=33 | Pass |
| | | Inner_1RB_Left | 21.71 | 21.77 | 24.75 | 24.41 | 24.47 | 27.45 | <=33 | Pass |
| | | Inner_1RB_Right | 21.89 | 22.05 | 24.98 | 24.59 | 24.75 | 27.68 | <=33 | Pass |
| | 2659.98 | Outer_Full | 21.77 | 21.91 | 24.85 | 24.47 | 24.61 | 27.55 | <=33 | Pass |
| | | Inner_Full | 21.81 | 21.95 | 24.89 | 24.51 | 24.65 | 27.59 | <=33 | Pass |
| | | Inner_1RB_Left | 21.81 | 21.95 | 24.89 | 24.51 | 24.65 | 27.59 | <=33 | Pass |
| | | Inner_1RB_Right | 22.25 | 22.43 | 25.35 | 24.95 | 25.13 | 28.05 | <=33 | Pass |
| CP-OFDM 256 QAM | 2526 | Outer_Full | 18.63 | 18.62 | 21.64 | 21.33 | 21.32 | 24.34 | <=33 | Pass |
| | | Inner_Full | 18.63 | 18.62 | 21.64 | 21.33 | 21.32 | 24.34 | <=33 | Pass |
| | | Inner_1RB_Left | 18.28 | 18.37 | 21.33 | 20.98 | 21.07 | 24.04 | <=33 | Pass |
| | | Inner_1RB_Right | 18.44 | 18.48 | 21.47 | 21.14 | 21.18 | 24.17 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.55 | 18.57 | 21.57 | 21.25 | 21.27 | 24.27 | <=33 | Pass |
| | | Inner_Full | 18.54 | 18.53 | 21.54 | 21.24 | 21.23 | 24.25 | <=33 | Pass |
| | | Inner_1RB_Left | 18.18 | 18.25 | 21.23 | 20.88 | 20.95 | 23.93 | <=33 | Pass |
| | | Inner_1RB_Right | 18.41 | 18.57 | 21.50 | 21.11 | 21.27 | 24.20 | <=33 | Pass |
| | 2659.98 | Outer_Full | 18.48 | 18.63 | 21.57 | 21.18 | 21.33 | 24.27 | <=33 | Pass |
| | | Inner_Full | 18.46 | 18.60 | 21.54 | 21.16 | 21.30 | 24.24 | <=33 | Pass |
| | | Inner_1RB_Left | 18.15 | 18.29 | 21.23 | 20.85 | 20.99 | 23.93 | <=33 | Pass |
| | | Inner_1RB_Right | 18.51 | 18.69 | 21.61 | 21.21 | 21.39 | 24.31 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.25 30_M_70M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 70MHz 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 | 2531.01 | Outer_Full | 24.55 | 24.55 | 27.56 | 27.25 | 27.25 | 30.26 | <=33 | Pass |
| | | Inner_Full | 26.16 | 26.14 | 29.16 | 28.86 | 28.84 | 31.86 | <=33 | Pass |
| | | Inner_1RB_Left | 25.90 | 25.98 | 28.95 | 28.60 | 28.68 | 31.65 | <=33 | Pass |
| | | Inner_1RB_Right | 26.04 | 26.14 | 29.10 | 28.74 | 28.84 | 31.80 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.52 | 24.54 | 27.54 | 27.22 | 27.24 | 30.24 | <=33 | Pass |
| | | Inner_Full | 26.07 | 26.05 | 29.07 | 28.77 | 28.75 | 31.77 | <=33 | Pass |
| | | Inner_1RB_Left | 25.84 | 25.90 | 28.88 | 28.54 | 28.60 | 31.58 | <=33 | Pass |
| | | Inner_1RB_Right | 26.00 | 26.22 | 29.12 | 28.70 | 28.92 | 31.82 | <=33 | Pass |
| | 2655 | Outer_Full | 24.40 | 24.56 | 27.49 | 27.10 | 27.26 | 30.19 | <=33 | Pass |
| | | Inner_Full | 25.99 | 26.14 | 29.08 | 28.69 | 28.84 | 31.78 | <=33 | Pass |
| | | Inner_1RB_Left | 25.68 | 25.79 | 28.74 | 28.38 | 28.49 | 31.45 | <=33 | Pass |
| | | Inner_1RB_Right | 26.12 | 26.34 | 29.24 | 28.82 | 29.04 | 31.94 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2531.01 | Outer_Full | 24.04 | 24.04 | 27.05 | 26.74 | 26.74 | 29.75 | <=33 | Pass |
| | | Inner_Full | 26.18 | 26.15 | 29.17 | 28.88 | 28.85 | 31.88 | <=33 | Pass |
| | | Inner_1RB_Left | 25.78 | 25.87 | 28.84 | 28.48 | 28.57 | 31.54 | <=33 | Pass |
| | | Inner_1RB_Right | 26.00 | 26.10 | 29.06 | 28.70 | 28.80 | 31.76 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.96 | 23.98 | 26.98 | 26.66 | 26.68 | 29.68 | <=33 | Pass |
| | | Inner_Full | 26.06 | 26.04 | 29.06 | 28.76 | 28.74 | 31.76 | <=33 | Pass |
| | | Inner_1RB_Left | 25.86 | 25.93 | 28.90 | 28.56 | 28.63 | 31.61 | <=33 | Pass |
| | | Inner_1RB_Right | 25.99 | 26.21 | 29.11 | 28.69 | 28.91 | 31.81 | <=33 | Pass |
| | 2655 | Outer_Full | 23.89 | 24.05 | 26.98 | 26.59 | 26.75 | 29.68 | <=33 | Pass |
| | | Inner_Full | 25.97 | 26.12 | 29.05 | 28.67 | 28.82 | 31.76 | <=33 | Pass |
| | | Inner_1RB_Left | 25.65 | 25.76 | 28.71 | 28.35 | 28.46 | 31.42 | <=33 | Pass |
| | | Inner_1RB_Right | 26.12 | 26.33 | 29.24 | 28.82 | 29.03 | 31.94 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2531.01 | Outer_Full | 24.04 | 24.04 | 27.05 | 26.74 | 26.74 | 29.75 | <=33 | Pass |
| | | Inner_Full | 25.03 | 25.00 | 28.02 | 27.73 | 27.70 | 30.73 | <=33 | Pass |
| | | Inner_1RB_Left | 25.06 | 25.15 | 28.11 | 27.76 | 27.85 | 30.82 | <=33 | Pass |
| | | Inner_1RB_Right | 25.31 | 25.40 | 28.37 | 28.01 | 28.10 | 31.07 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.96 | 23.99 | 26.98 | 26.66 | 26.69 | 29.69 | <=33 | Pass |
| | | Inner_Full | 24.98 | 24.96 | 27.98 | 27.68 | 27.66 | 30.68 | <=33 | Pass |
| | | Inner_1RB_Left | 24.87 | 24.94 | 27.92 | 27.57 | 27.64 | 30.62 | <=33 | Pass |
| | | Inner_1RB_Right | 25.18 | 25.40 | 28.30 | 27.88 | 28.10 | 31.00 | <=33 | Pass |
| | 2655 | Outer_Full | 23.89 | 24.05 | 26.98 | 26.59 | 26.75 | 29.68 | <=33 | Pass |
| | | Inner_Full | 24.88 | 25.03 | 27.97 | 27.58 | 27.73 | 30.67 | <=33 | Pass |
| | | Inner_1RB_Left | 24.94 | 25.05 | 28.01 | 27.64 | 27.75 | 30.71 | <=33 | Pass |
| | | Inner_1RB_Right | 25.36 | 25.57 | 28.48 | 28.06 | 28.27 | 31.18 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2531.01 | Outer_Full | 23.06 | 23.06 | 26.07 | 25.76 | 25.76 | 28.77 | <=33 | Pass |
| | | Inner_Full | 23.11 | 23.08 | 26.10 | 25.81 | 25.78 | 28.81 | <=33 | Pass |
| | | Inner_1RB_Left | 22.95 | 23.03 | 26.00 | 25.65 | 25.73 | 28.70 | <=33 | Pass |
| | | Inner_1RB_Right | 23.18 | 23.28 | 26.24 | 25.88 | 25.98 | 28.94 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.98 | 23.00 | 26.00 | 25.68 | 25.70 | 28.70 | <=33 | Pass |
| | | Inner_Full | 23.01 | 22.99 | 26.01 | 25.71 | 25.69 | 28.71 | <=33 | Pass |
| | | Inner_1RB_Left | 22.88 | 22.94 | 25.92 | 25.58 | 25.64 | 28.62 | <=33 | Pass |
| | | Inner_1RB_Right | 22.92 | 23.14 | 26.04 | 25.62 | 25.84 | 28.74 | <=33 | Pass |
| | 2655 | Outer_Full | 22.98 | 23.14 | 26.07 | 25.68 | 25.84 | 28.77 | <=33 | Pass |
| | | Inner_Full | 22.92 | 23.07 | 26.01 | 25.62 | 25.77 | 28.71 | <=33 | Pass |
| | | Inner_1RB_Left | 22.60 | 22.70 | 25.66 | 25.30 | 25.40 | 28.36 | <=33 | Pass |
| | | Inner_1RB_Right | 23.28 | 23.49 | 26.40 | 25.98 | 26.19 | 29.10 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2531.01 | Outer_Full | 20.49 | 20.49 | 23.50 | 23.19 | 23.19 | 26.20 | <=33 | Pass |
| | | Inner_Full | 20.54 | 20.52 | 23.54 | 23.24 | 23.22 | 26.24 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.24 | 20.33 | 23.29 | 22.94 | 23.03 | 26.00 | <=33 | Pass |
| | | Inner_1RB_Right | 20.36 | 20.46 | 23.42 | 23.06 | 23.16 | 26.12 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.47 | 20.50 | 23.50 | 23.17 | 23.20 | 26.20 | <=33 | Pass |
| | | Inner_Full | 20.46 | 20.44 | 23.46 | 23.16 | 23.14 | 26.16 | <=33 | Pass |
| | | Inner_1RB_Left | 20.12 | 20.18 | 23.16 | 22.82 | 22.88 | 25.86 | <=33 | Pass |
| | | Inner_1RB_Right | 20.37 | 20.59 | 23.49 | 23.07 | 23.29 | 26.19 | <=33 | Pass |
| | 2655 | Outer_Full | 20.44 | 20.60 | 23.53 | 23.14 | 23.30 | 26.23 | <=33 | Pass |
| | | Inner_Full | 20.39 | 20.55 | 23.48 | 23.09 | 23.25 | 26.18 | <=33 | Pass |
| | | Inner_1RB_Left | 20.09 | 20.20 | 23.16 | 22.79 | 22.90 | 25.86 | <=33 | Pass |
| | | Inner_1RB_Right | 20.53 | 20.74 | 23.65 | 23.23 | 23.44 | 26.35 | <=33 | Pass |
| CP-OFDM QPSK | 2531.01 | Outer_Full | 22.06 | 22.07 | 25.08 | 24.76 | 24.77 | 27.78 | <=33 | Pass |
| | | Inner_Full | 24.17 | 24.14 | 27.16 | 26.87 | 26.84 | 29.87 | <=33 | Pass |
| | | Inner_1RB_Left | 24.18 | 24.27 | 27.24 | 26.88 | 26.97 | 29.94 | <=33 | Pass |
| | | Inner_1RB_Right | 24.30 | 24.39 | 27.35 | 27.00 | 27.09 | 30.06 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.96 | 21.99 | 24.99 | 24.66 | 24.69 | 27.69 | <=33 | Pass |
| | | Inner_Full | 24.07 | 24.05 | 27.07 | 26.77 | 26.75 | 29.77 | <=33 | Pass |
| | | Inner_1RB_Left | 24.03 | 24.09 | 27.07 | 26.73 | 26.79 | 29.77 | <=33 | Pass |
| | | Inner_1RB_Right | 24.24 | 24.46 | 27.36 | 26.94 | 27.16 | 30.06 | <=33 | Pass |
| | 2655 | Outer_Full | 21.94 | 22.10 | 25.03 | 24.64 | 24.80 | 27.73 | <=33 | Pass |
| | | Inner_Full | 24.06 | 24.21 | 27.14 | 26.76 | 26.91 | 29.85 | <=33 | Pass |
| | | Inner_1RB_Left | 23.92 | 24.03 | 26.98 | 26.62 | 26.73 | 29.69 | <=33 | Pass |
| | | Inner_1RB_Right | 24.51 | 24.73 | 27.63 | 27.21 | 27.43 | 30.33 | <=33 | Pass |
| CP-OFDM 16 QAM | 2531.01 | Outer_Full | 21.51 | 21.51 | 24.52 | 24.21 | 24.21 | 27.22 | <=33 | Pass |
| | | Inner_Full | 23.70 | 23.67 | 26.70 | 26.40 | 26.37 | 29.40 | <=33 | Pass |
| | | Inner_1RB_Left | 23.56 | 23.65 | 26.61 | 26.26 | 26.35 | 29.32 | <=33 | Pass |
| | | Inner_1RB_Right | 23.87 | 23.96 | 26.92 | 26.57 | 26.66 | 29.63 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.46 | 21.49 | 24.48 | 24.16 | 24.19 | 27.19 | <=33 | Pass |
| | | Inner_Full | 23.58 | 23.56 | 26.58 | 26.28 | 26.26 | 29.28 | <=33 | Pass |
| | | Inner_1RB_Left | 23.61 | 23.68 | 26.65 | 26.31 | 26.38 | 29.36 | <=33 | Pass |
| | | Inner_1RB_Right | 23.82 | 24.04 | 26.95 | 26.52 | 26.74 | 29.64 | <=33 | Pass |
| | 2655 | Outer_Full | 21.42 | 21.58 | 24.51 | 24.12 | 24.28 | 27.21 | <=33 | Pass |
| | | Inner_Full | 23.49 | 23.64 | 26.58 | 26.19 | 26.34 | 29.28 | <=33 | Pass |
| | | Inner_1RB_Left | 23.44 | 23.55 | 26.51 | 26.14 | 26.25 | 29.21 | <=33 | Pass |
| | | Inner_1RB_Right | 24.07 | 24.28 | 27.19 | 26.77 | 26.98 | 29.89 | <=33 | Pass |
| CP-OFDM 64 QAM | 2531.01 | Outer_Full | 22.10 | 22.10 | 25.11 | 24.80 | 24.80 | 27.81 | <=33 | Pass |
| | | Inner_Full | 22.07 | 22.05 | 25.07 | 24.77 | 24.75 | 27.77 | <=33 | Pass |
| | | Inner_1RB_Left | 22.01 | 22.09 | 25.06 | 24.71 | 24.79 | 27.76 | <=33 | Pass |
| | | Inner_1RB_Right | 22.23 | 22.33 | 25.29 | 24.93 | 25.03 | 27.99 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.01 | 22.04 | 25.04 | 24.71 | 24.74 | 27.74 | <=33 | Pass |
| | | Inner_Full | 22.04 | 22.02 | 25.04 | 24.74 | 24.72 | 27.74 | <=33 | Pass |
| | | Inner_1RB_Left | 21.92 | 21.98 | 24.96 | 24.62 | 24.68 | 27.66 | <=33 | Pass |
| | | Inner_1RB_Right | 22.09 | 22.31 | 25.21 | 24.79 | 25.01 | 27.91 | <=33 | Pass |
| | 2655 | Outer_Full | 21.95 | 22.12 | 25.05 | 24.65 | 24.82 | 27.75 | <=33 | Pass |
| | | Inner_Full | 21.95 | 22.10 | 25.03 | 24.65 | 24.80 | 27.74 | <=33 | Pass |
| | | Inner_1RB_Left | 21.69 | 21.80 | 24.76 | 24.39 | 24.50 | 27.46 | <=33 | Pass |
| | | Inner_1RB_Right | 22.31 | 22.52 | 25.43 | 25.01 | 25.22 | 28.13 | <=33 | Pass |
| CP-OFDM 256 QAM | 2531.01 | Outer_Full | 18.68 | 18.69 | 21.70 | 21.38 | 21.39 | 24.40 | <=33 | Pass |
| | | Inner_Full | 18.68 | 18.66 | 21.68 | 21.38 | 21.36 | 24.38 | <=33 | Pass |
| | | Inner_1RB_Left | 18.33 | 18.42 | 21.39 | 21.03 | 21.12 | 24.09 | <=33 | Pass |
| | | Inner_1RB_Right | 18.48 | 18.57 | 21.53 | 21.18 | 21.27 | 24.24 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.67 | 18.70 | 21.69 | 21.37 | 21.40 | 24.40 | <=33 | Pass |
| | | Inner_Full | 18.64 | 18.62 | 21.64 | 21.34 | 21.32 | 24.34 | <=33 | Pass |
| | | Inner_1RB_Left | 18.11 | 18.18 | 21.15 | 20.81 | 20.88 | 23.86 | <=33 | Pass |
| | | Inner_1RB_Right | 18.49 | 18.72 | 21.62 | 21.19 | 21.42 | 24.32 | <=33 | Pass |
| | 2655 | Outer_Full | 18.57 | 18.74 | 21.66 | 21.27 | 21.44 | 24.37 | <=33 | Pass |
| | | Inner_Full | 18.57 | 18.73 | 21.66 | 21.27 | 21.43 | 24.36 | <=33 | Pass |
| | | Inner_1RB_Left | 17.89 | 18.00 | 20.96 | 20.59 | 20.70 | 23.66 | <=33 | Pass |
| | | Inner_1RB_Right | 18.43 | 18.65 | 21.55 | 21.13 | 21.35 | 24.25 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.26 30_M_80M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 80MHz 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 | 2536.02 | Outer_Full | 24.63 | 24.65 | 27.65 | 27.33 | 27.35 | 30.35 | <=33 | Pass |
| | | Inner_Full | 26.18 | 26.17 | 29.19 | 28.88 | 28.87 | 31.89 | <=33 | Pass |
| | | Inner_1RB_Left | 25.93 | 26.03 | 28.99 | 28.63 | 28.73 | 31.69 | <=33 | Pass |
| | | Inner_1RB_Right | 26.30 | 26.34 | 29.33 | 29.00 | 29.04 | 32.03 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.51 | 24.55 | 27.54 | 27.21 | 27.25 | 30.24 | <=33 | Pass |
| | | Inner_Full | 26.09 | 26.08 | 29.09 | 28.79 | 28.78 | 31.80 | <=33 | Pass |
| | | Inner_1RB_Left | 26.00 | 26.02 | 29.02 | 28.70 | 28.72 | 31.72 | <=33 | Pass |
| | | Inner_1RB_Right | 26.13 | 26.37 | 29.26 | 28.83 | 29.07 | 31.96 | <=33 | Pass |
| | 2649.99 | Outer_Full | 24.42 | 24.60 | 27.52 | 27.12 | 27.30 | 30.22 | <=33 | Pass |
| | | Inner_Full | 25.95 | 26.15 | 29.06 | 28.65 | 28.85 | 31.76 | <=33 | Pass |
| | | Inner_1RB_Left | 25.82 | 25.85 | 28.84 | 28.52 | 28.55 | 31.55 | <=33 | Pass |
| | | Inner_1RB_Right | 26.31 | 26.54 | 29.44 | 29.01 | 29.24 | 32.14 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2536.02 | Outer_Full | 24.14 | 24.15 | 27.15 | 26.84 | 26.85 | 29.86 | <=33 | Pass |
| | | Inner_Full | 26.20 | 26.18 | 29.20 | 28.90 | 28.88 | 31.90 | <=33 | Pass |
| | | Inner_1RB_Left | 25.93 | 26.03 | 28.99 | 28.63 | 28.73 | 31.69 | <=33 | Pass |
| | | Inner_1RB_Right | 26.22 | 26.26 | 29.25 | 28.92 | 28.96 | 31.95 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.05 | 24.10 | 27.09 | 26.75 | 26.80 | 29.79 | <=33 | Pass |
| | | Inner_Full | 26.07 | 26.06 | 29.07 | 28.77 | 28.76 | 31.78 | <=33 | Pass |
| | | Inner_1RB_Left | 25.88 | 25.90 | 28.90 | 28.58 | 28.60 | 31.60 | <=33 | Pass |
| | | Inner_1RB_Right | 26.13 | 26.37 | 29.26 | 28.83 | 29.07 | 31.96 | <=33 | Pass |
| | 2649.99 | Outer_Full | 24.00 | 24.18 | 27.10 | 26.70 | 26.88 | 29.80 | <=33 | Pass |
| | | Inner_Full | 25.96 | 26.16 | 29.07 | 28.66 | 28.86 | 31.77 | <=33 | Pass |
| | | Inner_1RB_Left | 25.84 | 25.87 | 28.86 | 28.54 | 28.57 | 31.57 | <=33 | Pass |
| | | Inner_1RB_Right | 26.30 | 26.54 | 29.43 | 29.00 | 29.24 | 32.13 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2536.02 | Outer_Full | 24.03 | 24.05 | 27.05 | 26.73 | 26.75 | 29.75 | <=33 | Pass |
| | | Inner_Full | 25.06 | 25.05 | 28.07 | 27.76 | 27.75 | 30.77 | <=33 | Pass |
| | | Inner_1RB_Left | 24.90 | 25.00 | 27.96 | 27.60 | 27.70 | 30.66 | <=33 | Pass |
| | | Inner_1RB_Right | 25.27 | 25.31 | 28.30 | 27.97 | 28.01 | 31.00 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.98 | 24.03 | 27.02 | 26.68 | 26.73 | 29.72 | <=33 | Pass |
| | | Inner_Full | 25.01 | 24.99 | 28.01 | 27.71 | 27.69 | 30.71 | <=33 | Pass |
| | | Inner_1RB_Left | 25.01 | 25.03 | 28.03 | 27.71 | 27.73 | 30.73 | <=33 | Pass |
| | | Inner_1RB_Right | 25.27 | 25.51 | 28.40 | 27.97 | 28.21 | 31.10 | <=33 | Pass |
| | 2649.99 | Outer_Full | 23.92 | 24.10 | 27.02 | 26.62 | 26.80 | 29.72 | <=33 | Pass |
| | | Inner_Full | 24.87 | 25.06 | 27.98 | 27.57 | 27.76 | 30.68 | <=33 | Pass |
| | | Inner_1RB_Left | 24.80 | 24.84 | 27.83 | 27.50 | 27.54 | 30.53 | <=33 | Pass |
| | | Inner_1RB_Right | 25.29 | 25.53 | 28.42 | 27.99 | 28.23 | 31.12 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2536.02 | Outer_Full | 23.07 | 23.09 | 26.09 | 25.77 | 25.79 | 28.79 | <=33 | Pass |
| | | Inner_Full | 23.09 | 23.07 | 26.09 | 25.79 | 25.77 | 28.79 | <=33 | Pass |
| | | Inner_1RB_Left | 22.89 | 23.00 | 25.96 | 25.59 | 25.70 | 28.66 | <=33 | Pass |
| | | Inner_1RB_Right | 23.32 | 23.36 | 26.35 | 26.02 | 26.06 | 29.05 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.97 | 23.02 | 26.01 | 25.67 | 25.72 | 28.71 | <=33 | Pass |
| | | Inner_Full | 23.03 | 23.02 | 26.04 | 25.73 | 25.72 | 28.74 | <=33 | Pass |
| | | Inner_1RB_Left | 22.87 | 22.90 | 25.90 | 25.57 | 25.60 | 28.60 | <=33 | Pass |
| | | Inner_1RB_Right | 23.04 | 23.29 | 26.18 | 25.74 | 25.99 | 28.88 | <=33 | Pass |
| | 2649.99 | Outer_Full | 22.90 | 23.08 | 26.00 | 25.60 | 25.78 | 28.70 | <=33 | Pass |
| | | Inner_Full | 22.91 | 23.10 | 26.01 | 25.61 | 25.80 | 28.72 | <=33 | Pass |
| | | Inner_1RB_Left | 22.82 | 22.86 | 25.85 | 25.52 | 25.56 | 28.55 | <=33 | Pass |
| | | Inner_1RB_Right | 23.25 | 23.49 | 26.38 | 25.95 | 26.19 | 29.08 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2536.02 | Outer_Full | 20.55 | 20.57 | 23.57 | 23.25 | 23.27 | 26.27 | <=33 | Pass |
| | | Inner_Full | 20.61 | 20.60 | 23.62 | 23.31 | 23.30 | 26.32 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.06 | 20.16 | 23.12 | 22.76 | 22.86 | 25.82 | <=33 | Pass |
| | | Inner_1RB_Right | 20.37 | 20.42 | 23.41 | 23.07 | 23.12 | 26.11 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.46 | 20.51 | 23.50 | 23.16 | 23.21 | 26.20 | <=33 | Pass |
| | | Inner_Full | 20.51 | 20.50 | 23.52 | 23.21 | 23.20 | 26.22 | <=33 | Pass |
| | | Inner_1RB_Left | 20.15 | 20.17 | 23.17 | 22.85 | 22.87 | 25.87 | <=33 | Pass |
| | | Inner_1RB_Right | 20.36 | 20.61 | 23.50 | 23.06 | 23.31 | 26.20 | <=33 | Pass |
| | 2649.99 | Outer_Full | 20.45 | 20.64 | 23.56 | 23.15 | 23.34 | 26.26 | <=33 | Pass |
| | | Inner_Full | 20.39 | 20.58 | 23.50 | 23.09 | 23.28 | 26.20 | <=33 | Pass |
| | | Inner_1RB_Left | 19.92 | 19.96 | 22.95 | 22.62 | 22.66 | 25.65 | <=33 | Pass |
| | | Inner_1RB_Right | 20.37 | 20.61 | 23.50 | 23.07 | 23.31 | 26.20 | <=33 | Pass |
| CP-OFDM QPSK | 2536.02 | Outer_Full | 17.47 | 17.49 | 20.49 | 20.17 | 20.19 | 23.19 | <=33 | Pass |
| | | Inner_Full | 22.53 | 22.52 | 25.53 | 25.23 | 25.22 | 28.24 | <=33 | Pass |
| | | Inner_1RB_Left | 20.90 | 21.00 | 23.96 | 23.60 | 23.70 | 26.66 | <=33 | Pass |
| | | Inner_1RB_Right | 22.71 | 22.75 | 25.74 | 25.41 | 25.45 | 28.44 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.06 | 22.11 | 25.10 | 24.76 | 24.81 | 27.80 | <=33 | Pass |
| | | Inner_Full | 24.06 | 24.04 | 27.06 | 26.76 | 26.74 | 29.76 | <=33 | Pass |
| | | Inner_1RB_Left | 23.92 | 23.94 | 26.94 | 26.62 | 26.64 | 29.64 | <=33 | Pass |
| | | Inner_1RB_Right | 24.20 | 24.45 | 27.34 | 26.90 | 27.15 | 30.04 | <=33 | Pass |
| | 2649.99 | Outer_Full | 21.99 | 22.18 | 25.10 | 24.69 | 24.88 | 27.80 | <=33 | Pass |
| | | Inner_Full | 23.94 | 24.13 | 27.05 | 26.64 | 26.83 | 29.75 | <=33 | Pass |
| | | Inner_1RB_Left | 23.94 | 23.97 | 26.96 | 26.64 | 26.67 | 29.67 | <=33 | Pass |
| | | Inner_1RB_Right | 24.38 | 24.62 | 27.51 | 27.08 | 27.32 | 30.21 | <=33 | Pass |
| CP-OFDM 16 QAM | 2536.02 | Outer_Full | 18.67 | 18.69 | 21.69 | 21.37 | 21.39 | 24.39 | <=33 | Pass |
| | | Inner_Full | 19.15 | 19.15 | 22.16 | 21.85 | 21.85 | 24.86 | <=33 | Pass |
| | | Inner_1RB_Left | 16.08 | 16.19 | 19.14 | 18.78 | 18.89 | 21.85 | <=33 | Pass |
| | | Inner_1RB_Right | 23.90 | 23.94 | 26.93 | 26.60 | 26.64 | 29.63 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.58 | 21.63 | 24.61 | 24.28 | 24.33 | 27.32 | <=33 | Pass |
| | | Inner_Full | 23.59 | 23.58 | 26.60 | 26.29 | 26.28 | 29.30 | <=33 | Pass |
| | | Inner_1RB_Left | 23.66 | 23.69 | 26.69 | 26.36 | 26.39 | 29.39 | <=33 | Pass |
| | | Inner_1RB_Right | 23.79 | 24.04 | 26.92 | 26.49 | 26.74 | 29.63 | <=33 | Pass |
| | 2649.99 | Outer_Full | 21.54 | 21.72 | 24.64 | 24.24 | 24.42 | 27.34 | <=33 | Pass |
| | | Inner_Full | 23.45 | 23.64 | 26.55 | 26.15 | 26.34 | 29.26 | <=33 | Pass |
| | | Inner_1RB_Left | 23.50 | 23.54 | 26.53 | 26.20 | 26.24 | 29.23 | <=33 | Pass |
| | | Inner_1RB_Right | 23.93 | 24.16 | 27.05 | 26.63 | 26.86 | 29.76 | <=33 | Pass |
| CP-OFDM 64 QAM | 2536.02 | Outer_Full | 19.56 | 19.59 | 22.58 | 22.26 | 22.29 | 25.29 | <=33 | Pass |
| | | Inner_Full | 20.48 | 20.47 | 23.48 | 23.18 | 23.17 | 26.19 | <=33 | Pass |
| | | Inner_1RB_Left | 19.47 | 19.57 | 22.53 | 22.17 | 22.27 | 25.23 | <=33 | Pass |
| | | Inner_1RB_Right | 20.70 | 20.75 | 23.73 | 23.40 | 23.45 | 26.44 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.02 | 22.07 | 25.05 | 24.72 | 24.77 | 27.76 | <=33 | Pass |
| | | Inner_Full | 21.98 | 21.97 | 24.98 | 24.68 | 24.67 | 27.69 | <=33 | Pass |
| | | Inner_1RB_Left | 21.97 | 21.99 | 24.99 | 24.67 | 24.69 | 27.69 | <=33 | Pass |
| | | Inner_1RB_Right | 22.10 | 22.35 | 25.24 | 24.80 | 25.05 | 27.94 | <=33 | Pass |
| | 2649.99 | Outer_Full | 21.91 | 22.09 | 25.01 | 24.61 | 24.79 | 27.71 | <=33 | Pass |
| | | Inner_Full | 21.88 | 22.08 | 24.99 | 24.58 | 24.78 | 27.69 | <=33 | Pass |
| | | Inner_1RB_Left | 21.77 | 21.81 | 24.80 | 24.47 | 24.51 | 27.50 | <=33 | Pass |
| | | Inner_1RB_Right | 22.18 | 22.42 | 25.31 | 24.88 | 25.12 | 28.01 | <=33 | Pass |
| CP-OFDM 256 QAM | 2536.02 | Outer_Full | 18.70 | 18.72 | 21.72 | 21.40 | 21.42 | 24.42 | <=33 | Pass |
| | | Inner_Full | 18.79 | 18.78 | 21.79 | 21.49 | 21.48 | 24.50 | <=33 | Pass |
| | | Inner_1RB_Left | 18.25 | 18.36 | 21.32 | 20.95 | 21.06 | 24.02 | <=33 | Pass |
| | | Inner_1RB_Right | 18.66 | 18.70 | 21.69 | 21.36 | 21.40 | 24.39 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.66 | 18.71 | 21.70 | 21.36 | 21.41 | 24.40 | <=33 | Pass |
| | | Inner_Full | 18.73 | 18.72 | 21.73 | 21.43 | 21.42 | 24.44 | <=33 | Pass |
| | | Inner_1RB_Left | 18.33 | 18.35 | 21.35 | 21.03 | 21.05 | 24.05 | <=33 | Pass |
| | | Inner_1RB_Right | 18.59 | 18.84 | 21.72 | 21.29 | 21.54 | 24.43 | <=33 | Pass |
| | 2649.99 | Outer_Full | 18.56 | 18.74 | 21.66 | 21.26 | 21.44 | 24.36 | <=33 | Pass |
| | | Inner_Full | 18.52 | 18.72 | 21.63 | 21.22 | 21.42 | 24.33 | <=33 | Pass |
| | | Inner_1RB_Left | 17.85 | 17.88 | 20.88 | 20.55 | 20.58 | 23.58 | <=33 | Pass |
| | | Inner_1RB_Right | 18.56 | 18.79 | 21.69 | 21.26 | 21.49 | 24.39 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.27 30_M_90M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 90MHz 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 | 2541 | Outer_Full | 24.63 | 24.67 | 27.66 | 27.33 | 27.37 | 30.36 | <=33 | Pass |
| | | Inner_Full | 26.17 | 26.19 | 29.19 | 28.87 | 28.89 | 31.89 | <=33 | Pass |
| | | Inner_1RB_Left | 25.93 | 26.05 | 29.00 | 28.63 | 28.75 | 31.70 | <=33 | Pass |
| | | Inner_1RB_Right | 26.24 | 26.27 | 29.26 | 28.94 | 28.97 | 31.97 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.54 | 24.60 | 27.58 | 27.24 | 27.30 | 30.28 | <=33 | Pass |
| | | Inner_Full | 26.05 | 26.04 | 29.06 | 28.75 | 28.74 | 31.76 | <=33 | Pass |
| | | Inner_1RB_Left | 25.93 | 25.90 | 28.93 | 28.63 | 28.60 | 31.63 | <=33 | Pass |
| | | Inner_1RB_Right | 26.21 | 26.44 | 29.34 | 28.91 | 29.14 | 32.04 | <=33 | Pass |
| | 2644.98 | Outer_Full | 24.46 | 24.61 | 27.55 | 27.16 | 27.31 | 30.25 | <=33 | Pass |
| | | Inner_Full | 25.95 | 26.13 | 29.05 | 28.65 | 28.83 | 31.75 | <=33 | Pass |
| | | Inner_1RB_Left | 25.87 | 25.86 | 28.88 | 28.57 | 28.56 | 31.58 | <=33 | Pass |
| | | Inner_1RB_Right | 26.32 | 26.57 | 29.46 | 29.02 | 29.27 | 32.16 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2541 | Outer_Full | 24.17 | 24.21 | 27.20 | 26.87 | 26.91 | 29.90 | <=33 | Pass |
| | | Inner_Full | 26.21 | 26.22 | 29.22 | 28.91 | 28.92 | 31.93 | <=33 | Pass |
| | | Inner_1RB_Left | 25.95 | 26.07 | 29.02 | 28.65 | 28.77 | 31.72 | <=33 | Pass |
| | | Inner_1RB_Right | 26.25 | 26.28 | 29.28 | 28.95 | 28.98 | 31.98 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.04 | 24.09 | 27.08 | 26.74 | 26.79 | 29.78 | <=33 | Pass |
| | | Inner_Full | 26.12 | 26.11 | 29.12 | 28.82 | 28.81 | 31.83 | <=33 | Pass |
| | | Inner_1RB_Left | 25.89 | 25.86 | 28.89 | 28.59 | 28.56 | 31.59 | <=33 | Pass |
| | | Inner_1RB_Right | 26.19 | 26.42 | 29.32 | 28.89 | 29.12 | 32.02 | <=33 | Pass |
| | 2644.98 | Outer_Full | 24.05 | 24.21 | 27.14 | 26.75 | 26.91 | 29.84 | <=33 | Pass |
| | | Inner_Full | 25.85 | 26.04 | 28.96 | 28.55 | 28.74 | 31.66 | <=33 | Pass |
| | | Inner_1RB_Left | 25.83 | 25.82 | 28.84 | 28.53 | 28.52 | 31.54 | <=33 | Pass |
| | | Inner_1RB_Right | 26.26 | 26.51 | 29.39 | 28.96 | 29.21 | 32.10 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2541 | Outer_Full | 24.07 | 24.11 | 27.10 | 26.77 | 26.81 | 29.80 | <=33 | Pass |
| | | Inner_Full | 25.07 | 25.09 | 28.09 | 27.77 | 27.79 | 30.79 | <=33 | Pass |
| | | Inner_1RB_Left | 24.97 | 25.09 | 28.04 | 27.67 | 27.79 | 30.74 | <=33 | Pass |
| | | Inner_1RB_Right | 25.41 | 25.45 | 28.44 | 28.11 | 28.15 | 31.14 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.04 | 24.09 | 27.07 | 26.74 | 26.79 | 29.78 | <=33 | Pass |
| | | Inner_Full | 24.98 | 24.97 | 27.99 | 27.68 | 27.67 | 30.69 | <=33 | Pass |
| | | Inner_1RB_Left | 25.09 | 25.06 | 28.09 | 27.79 | 27.76 | 30.79 | <=33 | Pass |
| | | Inner_1RB_Right | 25.22 | 25.45 | 28.35 | 27.92 | 28.15 | 31.05 | <=33 | Pass |
| | 2644.98 | Outer_Full | 23.87 | 24.02 | 26.96 | 26.57 | 26.72 | 29.66 | <=33 | Pass |
| | | Inner_Full | 24.82 | 25.00 | 27.92 | 27.52 | 27.70 | 30.62 | <=33 | Pass |
| | | Inner_1RB_Left | 24.93 | 24.91 | 27.93 | 27.63 | 27.61 | 30.63 | <=33 | Pass |
| | | Inner_1RB_Right | 25.36 | 25.61 | 28.49 | 28.06 | 28.31 | 31.20 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2541 | Outer_Full | 23.14 | 23.17 | 26.17 | 25.84 | 25.87 | 28.87 | <=33 | Pass |
| | | Inner_Full | 23.13 | 23.15 | 26.15 | 25.83 | 25.85 | 28.85 | <=33 | Pass |
| | | Inner_1RB_Left | 22.86 | 22.98 | 25.93 | 25.56 | 25.68 | 28.63 | <=33 | Pass |
| | | Inner_1RB_Right | 23.22 | 23.25 | 26.25 | 25.92 | 25.95 | 28.95 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.01 | 23.06 | 26.05 | 25.71 | 25.76 | 28.75 | <=33 | Pass |
| | | Inner_Full | 23.05 | 23.04 | 26.06 | 25.75 | 25.74 | 28.76 | <=33 | Pass |
| | | Inner_1RB_Left | 22.95 | 22.92 | 25.95 | 25.65 | 25.62 | 28.65 | <=33 | Pass |
| | | Inner_1RB_Right | 23.17 | 23.41 | 26.30 | 25.87 | 26.11 | 29.00 | <=33 | Pass |
| | 2644.98 | Outer_Full | 22.86 | 23.02 | 25.95 | 25.56 | 25.72 | 28.65 | <=33 | Pass |
| | | Inner_Full | 22.84 | 23.02 | 25.94 | 25.54 | 25.72 | 28.64 | <=33 | Pass |
| | | Inner_1RB_Left | 22.75 | 22.74 | 25.76 | 25.45 | 25.44 | 28.46 | <=33 | Pass |
| | | Inner_1RB_Right | 23.24 | 23.49 | 26.38 | 25.94 | 26.19 | 29.08 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2541 | Outer_Full | 20.62 | 20.66 | 23.65 | 23.32 | 23.36 | 26.35 | <=33 | Pass |
| | | Inner_Full | 20.56 | 20.59 | 23.58 | 23.26 | 23.29 | 26.29 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.14 | 20.27 | 23.22 | 22.84 | 22.97 | 25.92 | <=33 | Pass |
| | | Inner_1RB_Right | 20.53 | 20.57 | 23.56 | 23.23 | 23.27 | 26.26 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.45 | 20.51 | 23.49 | 23.15 | 23.21 | 26.19 | <=33 | Pass |
| | | Inner_Full | 20.54 | 20.53 | 23.54 | 23.24 | 23.23 | 26.25 | <=33 | Pass |
| | | Inner_1RB_Left | 20.09 | 20.06 | 23.09 | 22.79 | 22.76 | 25.79 | <=33 | Pass |
| | | Inner_1RB_Right | 20.33 | 20.56 | 23.45 | 23.03 | 23.26 | 26.16 | <=33 | Pass |
| | 2644.98 | Outer_Full | 20.38 | 20.53 | 23.47 | 23.08 | 23.23 | 26.17 | <=33 | Pass |
| | | Inner_Full | 20.31 | 20.49 | 23.41 | 23.01 | 23.19 | 26.11 | <=33 | Pass |
| | | Inner_1RB_Left | 19.99 | 19.98 | 22.99 | 22.69 | 22.68 | 25.70 | <=33 | Pass |
| | | Inner_1RB_Right | 20.36 | 20.61 | 23.49 | 23.06 | 23.31 | 26.20 | <=33 | Pass |
| CP-OFDM QPSK | 2541 | Outer_Full | 22.04 | 22.08 | 25.07 | 24.74 | 24.78 | 27.77 | <=33 | Pass |
| | | Inner_Full | 24.20 | 24.23 | 27.22 | 26.90 | 26.93 | 29.93 | <=33 | Pass |
| | | Inner_1RB_Left | 24.14 | 24.27 | 27.21 | 26.84 | 26.97 | 29.92 | <=33 | Pass |
| | | Inner_1RB_Right | 24.40 | 24.44 | 27.43 | 27.10 | 27.14 | 30.13 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.98 | 22.04 | 25.02 | 24.68 | 24.74 | 27.72 | <=33 | Pass |
| | | Inner_Full | 24.03 | 24.02 | 27.04 | 26.73 | 26.72 | 29.74 | <=33 | Pass |
| | | Inner_1RB_Left | 24.07 | 24.03 | 27.06 | 26.77 | 26.73 | 29.76 | <=33 | Pass |
| | | Inner_1RB_Right | 24.11 | 24.34 | 27.24 | 26.81 | 27.04 | 29.94 | <=33 | Pass |
| | 2644.98 | Outer_Full | 21.82 | 21.98 | 24.91 | 24.52 | 24.68 | 27.61 | <=33 | Pass |
| | | Inner_Full | 23.83 | 24.02 | 26.94 | 26.53 | 26.72 | 29.64 | <=33 | Pass |
| | | Inner_1RB_Left | 23.86 | 23.85 | 26.86 | 26.56 | 26.55 | 29.57 | <=33 | Pass |
| | | Inner_1RB_Right | 24.22 | 24.46 | 27.35 | 26.92 | 27.16 | 30.05 | <=33 | Pass |
| CP-OFDM 16 QAM | 2541 | Outer_Full | 21.55 | 21.59 | 24.58 | 24.25 | 24.29 | 27.28 | <=33 | Pass |
| | | Inner_Full | 23.67 | 23.69 | 26.69 | 26.37 | 26.39 | 29.39 | <=33 | Pass |
| | | Inner_1RB_Left | 23.70 | 23.82 | 26.77 | 26.40 | 26.52 | 29.47 | <=33 | Pass |
| | | Inner_1RB_Right | 23.82 | 23.86 | 26.85 | 26.52 | 26.56 | 29.55 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.50 | 21.56 | 24.54 | 24.20 | 24.26 | 27.24 | <=33 | Pass |
| | | Inner_Full | 23.60 | 23.60 | 26.61 | 26.30 | 26.30 | 29.31 | <=33 | Pass |
| | | Inner_1RB_Left | 23.67 | 23.64 | 26.66 | 26.37 | 26.34 | 29.37 | <=33 | Pass |
| | | Inner_1RB_Right | 23.80 | 24.04 | 26.93 | 26.50 | 26.74 | 29.63 | <=33 | Pass |
| | 2644.98 | Outer_Full | 21.36 | 21.52 | 24.45 | 24.06 | 24.22 | 27.15 | <=33 | Pass |
| | | Inner_Full | 23.39 | 23.57 | 26.49 | 26.09 | 26.27 | 29.19 | <=33 | Pass |
| | | Inner_1RB_Left | 23.45 | 23.44 | 26.46 | 26.15 | 26.14 | 29.16 | <=33 | Pass |
| | | Inner_1RB_Right | 23.91 | 24.16 | 27.04 | 26.61 | 26.86 | 29.75 | <=33 | Pass |
| CP-OFDM 64 QAM | 2541 | Outer_Full | 22.03 | 22.07 | 25.06 | 24.73 | 24.77 | 27.76 | <=33 | Pass |
| | | Inner_Full | 22.04 | 22.07 | 25.06 | 24.74 | 24.77 | 27.77 | <=33 | Pass |
| | | Inner_1RB_Left | 21.93 | 22.05 | 25.00 | 24.63 | 24.75 | 27.70 | <=33 | Pass |
| | | Inner_1RB_Right | 22.26 | 22.30 | 25.29 | 24.96 | 25.00 | 27.99 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.99 | 22.05 | 25.03 | 24.69 | 24.75 | 27.73 | <=33 | Pass |
| | | Inner_Full | 22.01 | 22.00 | 25.02 | 24.71 | 24.70 | 27.72 | <=33 | Pass |
| | | Inner_1RB_Left | 21.96 | 21.93 | 24.96 | 24.66 | 24.63 | 27.66 | <=33 | Pass |
| | | Inner_1RB_Right | 22.07 | 22.30 | 25.20 | 24.77 | 25.00 | 27.90 | <=33 | Pass |
| | 2644.98 | Outer_Full | 21.89 | 22.05 | 24.98 | 24.59 | 24.75 | 27.68 | <=33 | Pass |
| | | Inner_Full | 21.82 | 22.01 | 24.92 | 24.52 | 24.71 | 27.63 | <=33 | Pass |
| | | Inner_1RB_Left | 21.96 | 21.95 | 24.97 | 24.66 | 24.65 | 27.67 | <=33 | Pass |
| | | Inner_1RB_Right | 22.30 | 22.55 | 25.44 | 25.00 | 25.25 | 28.14 | <=33 | Pass |
| CP-OFDM 256 QAM | 2541 | Outer_Full | 18.71 | 18.75 | 21.74 | 21.41 | 21.45 | 24.44 | <=33 | Pass |
| | | Inner_Full | 18.68 | 18.71 | 21.71 | 21.38 | 21.41 | 24.41 | <=33 | Pass |
| | | Inner_1RB_Left | 18.32 | 18.45 | 21.40 | 21.02 | 21.15 | 24.10 | <=33 | Pass |
| | | Inner_1RB_Right | 18.54 | 18.58 | 21.57 | 21.24 | 21.28 | 24.27 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.71 | 18.77 | 21.75 | 21.41 | 21.47 | 24.45 | <=33 | Pass |
| | | Inner_Full | 18.66 | 18.66 | 21.67 | 21.36 | 21.36 | 24.37 | <=33 | Pass |
| | | Inner_1RB_Left | 18.36 | 18.33 | 21.35 | 21.06 | 21.03 | 24.06 | <=33 | Pass |
| | | Inner_1RB_Right | 18.67 | 18.90 | 21.80 | 21.37 | 21.60 | 24.50 | <=33 | Pass |
| | 2644.98 | Outer_Full | 18.64 | 18.80 | 21.73 | 21.34 | 21.50 | 24.43 | <=33 | Pass |
| | | Inner_Full | 18.58 | 18.77 | 21.69 | 21.28 | 21.47 | 24.39 | <=33 | Pass |
| | | Inner_1RB_Left | 18.15 | 18.15 | 21.16 | 20.85 | 20.85 | 23.86 | <=33 | Pass |
| | | Inner_1RB_Right | 18.55 | 18.80 | 21.69 | 21.25 | 21.50 | 24.39 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

## 1.1.28 30_M_100M_NTNV_EIRP

| 5G NR n41 SCS=30kHz MIMO 100MHz 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 | 2546.01 | Outer_Full | 24.53 | 24.57 | 27.56 | 27.23 | 27.27 | 30.26 | <=33 | Pass |
| | | Inner_Full | 26.09 | 26.12 | 29.12 | 28.79 | 28.82 | 31.82 | <=33 | Pass |
| | | Inner_1RB_Left | 25.84 | 25.97 | 28.91 | 28.54 | 28.67 | 31.62 | <=33 | Pass |
| | | Inner_1RB_Right | 26.25 | 26.32 | 29.30 | 28.95 | 29.02 | 32.00 | <=33 | Pass |
| | 2592.99 | Outer_Full | 24.41 | 24.47 | 27.45 | 27.11 | 27.17 | 30.15 | <=33 | Pass |
| | | Inner_Full | 25.96 | 25.96 | 28.97 | 28.66 | 28.66 | 31.67 | <=33 | Pass |
| | | Inner_1RB_Left | 25.86 | 25.80 | 28.84 | 28.56 | 28.50 | 31.54 | <=33 | Pass |
| | | Inner_1RB_Right | 26.14 | 26.34 | 29.25 | 28.84 | 29.04 | 31.95 | <=33 | Pass |
| | 2640 | Outer_Full | 24.53 | 24.65 | 27.60 | 27.23 | 27.35 | 30.30 | <=33 | Pass |
| | | Inner_Full | 25.81 | 25.96 | 28.90 | 28.51 | 28.66 | 31.60 | <=33 | Pass |
| | | Inner_1RB_Left | 25.74 | 25.71 | 28.74 | 28.44 | 28.41 | 31.44 | <=33 | Pass |
| | | Inner_1RB_Right | 26.34 | 26.56 | 29.46 | 29.04 | 29.26 | 32.16 | <=33 | Pass |
| DFT-s-OFDM QPSK | 2546.01 | Outer_Full | 24.05 | 24.09 | 27.08 | 26.75 | 26.79 | 29.78 | <=33 | Pass |
| | | Inner_Full | 26.05 | 26.08 | 29.08 | 28.75 | 28.78 | 31.78 | <=33 | Pass |
| | | Inner_1RB_Left | 25.79 | 25.93 | 28.87 | 28.49 | 28.63 | 31.57 | <=33 | Pass |
| | | Inner_1RB_Right | 26.26 | 26.33 | 29.31 | 28.96 | 29.03 | 32.01 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.97 | 24.03 | 27.01 | 26.67 | 26.73 | 29.71 | <=33 | Pass |
| | | Inner_Full | 26.01 | 26.00 | 29.02 | 28.71 | 28.70 | 31.72 | <=33 | Pass |
| | | Inner_1RB_Left | 25.85 | 25.79 | 28.83 | 28.55 | 28.49 | 31.53 | <=33 | Pass |
| | | Inner_1RB_Right | 26.13 | 26.33 | 29.24 | 28.83 | 29.03 | 31.94 | <=33 | Pass |
| | 2640 | Outer_Full | 23.86 | 23.99 | 26.94 | 26.56 | 26.69 | 29.64 | <=33 | Pass |
| | | Inner_Full | 25.79 | 25.94 | 28.87 | 28.49 | 28.64 | 31.58 | <=33 | Pass |
| | | Inner_1RB_Left | 25.75 | 25.73 | 28.75 | 28.45 | 28.43 | 31.45 | <=33 | Pass |
| | | Inner_1RB_Right | 26.31 | 26.53 | 29.43 | 29.01 | 29.23 | 32.13 | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2546.01 | Outer_Full | 24.03 | 24.06 | 27.06 | 26.73 | 26.76 | 29.76 | <=33 | Pass |
| | | Inner_Full | 25.09 | 25.12 | 28.11 | 27.79 | 27.82 | 30.82 | <=33 | Pass |
| | | Inner_1RB_Left | 24.97 | 25.10 | 28.05 | 27.67 | 27.80 | 30.75 | <=33 | Pass |
| | | Inner_1RB_Right | 25.38 | 25.44 | 28.42 | 28.08 | 28.14 | 31.12 | <=33 | Pass |
| | 2592.99 | Outer_Full | 23.96 | 24.02 | 27.00 | 26.66 | 26.72 | 29.70 | <=33 | Pass |
| | | Inner_Full | 24.99 | 24.98 | 28.00 | 27.69 | 27.68 | 30.70 | <=33 | Pass |
| | | Inner_1RB_Left | 25.12 | 25.06 | 28.10 | 27.82 | 27.76 | 30.80 | <=33 | Pass |
| | | Inner_1RB_Right | 25.33 | 25.54 | 28.44 | 28.03 | 28.24 | 31.15 | <=33 | Pass |
| | 2640 | Outer_Full | 23.89 | 24.02 | 26.97 | 26.59 | 26.72 | 29.67 | <=33 | Pass |
| | | Inner_Full | 24.83 | 24.98 | 27.91 | 27.53 | 27.68 | 30.62 | <=33 | Pass |
| | | Inner_1RB_Left | 24.88 | 24.85 | 27.87 | 27.58 | 27.55 | 30.58 | <=33 | Pass |
| | | Inner_1RB_Right | 25.46 | 25.68 | 28.58 | 28.16 | 28.38 | 31.28 | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2546.01 | Outer_Full | 23.05 | 23.09 | 26.08 | 25.75 | 25.79 | 28.78 | <=33 | Pass |
| | | Inner_Full | 23.03 | 23.06 | 26.06 | 25.73 | 25.76 | 28.76 | <=33 | Pass |
| | | Inner_1RB_Left | 22.86 | 23.00 | 25.94 | 25.56 | 25.70 | 28.64 | <=33 | Pass |
| | | Inner_1RB_Right | 23.31 | 23.37 | 26.35 | 26.01 | 26.07 | 29.05 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.95 | 23.01 | 25.99 | 25.65 | 25.71 | 28.69 | <=33 | Pass |
| | | Inner_Full | 23.00 | 23.00 | 26.01 | 25.70 | 25.70 | 28.71 | <=33 | Pass |
| | | Inner_1RB_Left | 22.96 | 22.90 | 25.94 | 25.66 | 25.60 | 28.64 | <=33 | Pass |
| | | Inner_1RB_Right | 23.28 | 23.49 | 26.40 | 25.98 | 26.19 | 29.10 | <=33 | Pass |
| | 2640 | Outer_Full | 22.98 | 23.11 | 26.05 | 25.68 | 25.81 | 28.76 | <=33 | Pass |
| | | Inner_Full | 22.87 | 23.02 | 25.95 | 25.57 | 25.72 | 28.66 | <=33 | Pass |
| | | Inner_1RB_Left | 22.85 | 22.82 | 25.85 | 25.55 | 25.52 | 28.55 | <=33 | Pass |
| | | Inner_1RB_Right | 23.37 | 23.59 | 26.49 | 26.07 | 26.29 | 29.19 | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2546.01 | Outer_Full | 20.58 | 20.61 | 23.60 | 23.28 | 23.31 | 26.31 | <=33 | Pass |
| | | Inner_Full | 20.57 | 20.60 | 23.59 | 23.27 | 23.30 | 26.30 | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 20.13 | 20.27 | 23.21 | 22.83 | 22.97 | 25.91 | <=33 | Pass |
| | | Inner_1RB_Right | 20.50 | 20.57 | 23.55 | 23.20 | 23.27 | 26.25 | <=33 | Pass |
| | 2592.99 | Outer_Full | 20.48 | 20.54 | 23.52 | 23.18 | 23.24 | 26.22 | <=33 | Pass |
| | | Inner_Full | 20.51 | 20.50 | 23.52 | 23.21 | 23.20 | 26.22 | <=33 | Pass |
| | | Inner_1RB_Left | 20.21 | 20.15 | 23.19 | 22.91 | 22.85 | 25.89 | <=33 | Pass |
| | | Inner_1RB_Right | 20.26 | 20.47 | 23.38 | 22.96 | 23.17 | 26.08 | <=33 | Pass |
| | 2640 | Outer_Full | 20.43 | 20.56 | 23.51 | 23.13 | 23.26 | 26.21 | <=33 | Pass |
| | | Inner_Full | 20.35 | 20.50 | 23.43 | 23.05 | 23.20 | 26.14 | <=33 | Pass |
| | | Inner_1RB_Left | 20.03 | 20.01 | 23.03 | 22.73 | 22.71 | 25.73 | <=33 | Pass |
| | | Inner_1RB_Right | 20.71 | 20.94 | 23.84 | 23.41 | 23.64 | 26.54 | <=33 | Pass |
| CP-OFDM QPSK | 2546.01 | Outer_Full | 22.04 | 22.07 | 25.06 | 24.74 | 24.77 | 27.77 | <=33 | Pass |
| | | Inner_Full | 24.05 | 24.08 | 27.08 | 26.75 | 26.78 | 29.78 | <=33 | Pass |
| | | Inner_1RB_Left | 24.15 | 24.28 | 27.22 | 26.85 | 26.98 | 29.93 | <=33 | Pass |
| | | Inner_1RB_Right | 24.40 | 24.47 | 27.45 | 27.10 | 27.17 | 30.15 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.99 | 22.05 | 25.03 | 24.69 | 24.75 | 27.73 | <=33 | Pass |
| | | Inner_Full | 24.05 | 24.05 | 27.06 | 26.75 | 26.75 | 29.76 | <=33 | Pass |
| | | Inner_1RB_Left | 24.07 | 24.01 | 27.05 | 26.77 | 26.71 | 29.75 | <=33 | Pass |
| | | Inner_1RB_Right | 24.27 | 24.48 | 27.39 | 26.97 | 27.18 | 30.09 | <=33 | Pass |
| | 2640 | Outer_Full | 21.87 | 22.00 | 24.95 | 24.57 | 24.70 | 27.65 | <=33 | Pass |
| | | Inner_Full | 23.84 | 24.00 | 26.93 | 26.54 | 26.70 | 29.63 | <=33 | Pass |
| | | Inner_1RB_Left | 23.94 | 23.92 | 26.94 | 26.64 | 26.62 | 29.64 | <=33 | Pass |
| | | Inner_1RB_Right | 24.64 | 24.87 | 27.77 | 27.34 | 27.57 | 30.47 | <=33 | Pass |
| CP-OFDM 16 QAM | 2546.01 | Outer_Full | 21.55 | 21.58 | 24.58 | 24.25 | 24.28 | 27.28 | <=33 | Pass |
| | | Inner_Full | 23.64 | 23.67 | 26.67 | 26.34 | 26.37 | 29.37 | <=33 | Pass |
| | | Inner_1RB_Left | 23.53 | 23.66 | 26.61 | 26.23 | 26.36 | 29.31 | <=33 | Pass |
| | | Inner_1RB_Right | 23.91 | 23.98 | 26.95 | 26.61 | 26.68 | 29.66 | <=33 | Pass |
| | 2592.99 | Outer_Full | 21.53 | 21.59 | 24.57 | 24.23 | 24.29 | 27.27 | <=33 | Pass |
| | | Inner_Full | 23.62 | 23.62 | 26.63 | 26.32 | 26.32 | 29.33 | <=33 | Pass |
| | | Inner_1RB_Left | 23.66 | 23.60 | 26.64 | 26.36 | 26.30 | 29.34 | <=33 | Pass |
| | | Inner_1RB_Right | 23.76 | 23.97 | 26.87 | 26.46 | 26.67 | 29.58 | <=33 | Pass |
| | 2640 | Outer_Full | 21.39 | 21.52 | 24.47 | 24.09 | 24.22 | 27.17 | <=33 | Pass |
| | | Inner_Full | 23.41 | 23.56 | 26.50 | 26.11 | 26.26 | 29.20 | <=33 | Pass |
| | | Inner_1RB_Left | 23.54 | 23.52 | 26.54 | 26.24 | 26.22 | 29.24 | <=33 | Pass |
| | | Inner_1RB_Right | 24.04 | 24.26 | 27.16 | 26.74 | 26.96 | 29.86 | <=33 | Pass |
| CP-OFDM 64 QAM | 2546.01 | Outer_Full | 22.06 | 22.10 | 25.09 | 24.76 | 24.80 | 27.79 | <=33 | Pass |
| | | Inner_Full | 22.06 | 22.10 | 25.09 | 24.76 | 24.80 | 27.79 | <=33 | Pass |
| | | Inner_1RB_Left | 21.93 | 22.07 | 25.01 | 24.63 | 24.77 | 27.71 | <=33 | Pass |
| | | Inner_1RB_Right | 22.36 | 22.43 | 25.41 | 25.06 | 25.13 | 28.11 | <=33 | Pass |
| | 2592.99 | Outer_Full | 22.00 | 22.06 | 25.04 | 24.70 | 24.76 | 27.74 | <=33 | Pass |
| | | Inner_Full | 22.00 | 22.00 | 25.01 | 24.70 | 24.70 | 27.71 | <=33 | Pass |
| | | Inner_1RB_Left | 21.94 | 21.88 | 24.92 | 24.64 | 24.58 | 27.62 | <=33 | Pass |
| | | Inner_1RB_Right | 22.10 | 22.30 | 25.21 | 24.80 | 25.00 | 27.91 | <=33 | Pass |
| | 2640 | Outer_Full | 21.91 | 22.04 | 24.99 | 24.61 | 24.74 | 27.69 | <=33 | Pass |
| | | Inner_Full | 21.83 | 21.99 | 24.92 | 24.53 | 24.69 | 27.62 | <=33 | Pass |
| | | Inner_1RB_Left | 21.90 | 21.88 | 24.90 | 24.60 | 24.58 | 27.60 | <=33 | Pass |
| | | Inner_1RB_Right | 22.38 | 22.60 | 25.50 | 25.08 | 25.30 | 28.20 | <=33 | Pass |
| CP-OFDM 256 QAM | 2546.01 | Outer_Full | 18.73 | 18.77 | 21.76 | 21.43 | 21.47 | 24.46 | <=33 | Pass |
| | | Inner_Full | 18.70 | 18.73 | 21.73 | 21.40 | 21.43 | 24.43 | <=33 | Pass |
| | | Inner_1RB_Left | 18.23 | 18.36 | 21.31 | 20.93 | 21.06 | 24.01 | <=33 | Pass |
| | | Inner_1RB_Right | 18.69 | 18.76 | 21.74 | 21.39 | 21.46 | 24.44 | <=33 | Pass |
| | 2592.99 | Outer_Full | 18.68 | 18.75 | 21.73 | 21.38 | 21.45 | 24.43 | <=33 | Pass |
| | | Inner_Full | 18.71 | 18.71 | 21.72 | 21.41 | 21.41 | 24.42 | <=33 | Pass |
| | | Inner_1RB_Left | 18.36 | 18.30 | 21.34 | 21.06 | 21.00 | 24.04 | <=33 | Pass |
| | | Inner_1RB_Right | 18.66 | 18.87 | 21.77 | 21.36 | 21.57 | 24.48 | <=33 | Pass |
| | 2640 | Outer_Full | 18.61 | 18.74 | 21.69 | 21.31 | 21.44 | 24.39 | <=33 | Pass |
| | | Inner_Full | 18.55 | 18.71 | 21.64 | 21.25 | 21.41 | 24.34 | <=33 | Pass |
| | | Inner_1RB_Left | 18.25 | 18.22 | 21.24 | 20.95 | 20.92 | 23.95 | <=33 | Pass |
| | | Inner_1RB_Right | 18.65 | 18.88 | 21.77 | 21.35 | 21.58 | 24.48 | <=33 | Pass |
| Note1: Antenna Gain: Ant1: 2.70dBi; Ant2: 2.70dBi; | | | | | | | | | | |

| Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2 |
|---|

# 2. Frequency Stability

## 2.1 Test Result

### 2.1.1 30_S_100M

| 5G NR n41 SCS=30kHz SISO 100MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 20 | LV | -10.50 | -0.0040 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | -14.50 | -0.0056 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -12.50 | -0.0048 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -11.30 | -0.0044 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | -14.60 | -0.0056 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -19.20 | -0.0074 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -20.90 | -0.0081 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | -9.30 | -0.0036 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | -14.60 | -0.0056 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -12.70 | -0.0049 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -17.80 | -0.0069 | >=-2.5 & <=2.5 | Pass |

# 3. 99% & 26dB Bandwidth

## 3.1 Test Result

### 3.1.1 30_S_10M_NTNV

| 5G NR n41 SCS=30kHz SISO 10MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 8.65 | 9.91 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 8.62 | 9.93 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 8.62 | 9.83 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 8.60 | 10.03 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 8.64 | 10.24 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 8.63 | 9.88 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 8.64 | 10.02 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 8.64 | 9.86 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 8.62 | 9.65 | / | Pass |

### 3.1.2 30_S_15M_NTNV

| 5G NR n41 SCS=30kHz SISO 15MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 12.95 | 14.58 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 12.95 | 14.38 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 12.92 | 14.33 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 12.96 | 14.13 | / | Pass |

| | | | | | | |
|---|---|---|---|---|---|---|
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 12.90 | 14.08 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 13.65 | 15.09 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 13.66 | 15.16 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 13.64 | 15.11 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 13.65 | 14.96 | / | Pass |

### 3.1.3 30_S_20M_NTNV

| 5G NR n41 SCS=30kHz SISO 20MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 18.05 | 19.71 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 18.04 | 19.61 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 18.14 | 19.44 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 18.09 | 19.98 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 17.97 | 19.47 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 18.35 | 20.31 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 18.41 | 19.97 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 18.34 | 20.00 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 18.34 | 19.90 | / | Pass |

### 3.1.4 30_S_25M_NTNV

| 5G NR n41 SCS=30kHz SISO 25MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 23.04 | 24.53 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 23.03 | 24.73 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 23.05 | 24.58 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 22.99 | 24.39 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 22.93 | 24.96 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 23.28 | 25.26 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 23.37 | 25.12 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 23.31 | 25.38 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 23.28 | 24.94 | / | Pass |

### 3.1.5 30_S_30M_NTNV

| 5G NR n41 SCS=30kHz SISO 30MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 27.15 | 29.88 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 27.25 | 29.56 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 27.24 | 29.65 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 27.16 | 29.61 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 27.19 | 29.71 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 28.19 | 30.84 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 28.21 | 30.76 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 28.21 | 30.80 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 28.21 | 30.83 | / | Pass |

### 3.1.6 30_S_35M_NTNV

| 5G NR n41 SCS=30kHz SISO 35MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 32.51 | 35.18 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 32.39 | 34.76 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 32.46 | 34.98 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 32.49 | 34.88 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 32.46 | 34.97 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 33.19 | 35.75 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 33.16 | 35.87 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 33.16 | 37.30 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 33.05 | 35.58 | / | Pass |

### 3.1.7 30_S_40M_NTNV

| 5G NR n41 SCS=30kHz SISO 40MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 35.94 | 38.49 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 35.99 | 38.99 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 35.99 | 38.72 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 36.08 | 38.79 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 35.94 | 38.72 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 38.13 | 40.61 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 38.21 | 40.82 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 37.99 | 40.90 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 38.10 | 41.10 | / | Pass |

### 3.1.8 30_S_45M_NTNV

| 5G NR n41 SCS=30kHz SISO 45MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 39.05 | 41.60 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 38.84 | 41.62 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 38.82 | 41.62 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 38.84 | 41.83 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 38.79 | 41.56 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 42.81 | 45.69 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 42.73 | 45.58 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 42.67 | 45.34 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 42.75 | 45.62 | / | Pass |

### 3.1.9 30_S_50M_NTNV

| 5G NR n41 SCS=30kHz SISO 50MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 45.87 | 48.88 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 45.89 | 48.69 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 45.84 | 48.77 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 46.03 | 48.91 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 45.85 | 48.44 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 47.65 | 50.42 | / | Pass |

| | | | | | | |
|---|---|---|---|---|---|---|
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 47.68 | 50.67 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 47.65 | 50.26 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 47.75 | 50.37 | / | Pass |

### 3.1.10 30_S_60M_NTNV

| 5G NR n41 SCS=30kHz SISO 60MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 58.85 | 62.74 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 58.54 | 63.03 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 58.62 | 63.01 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 58.71 | 62.85 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 58.49 | 62.95 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 58.51 | 62.97 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 58.57 | 62.91 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 58.62 | 63.09 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 58.59 | 62.98 | / | Pass |

### 3.1.11 30_S_70M_NTNV

| 5G NR n41 SCS=30kHz SISO 70MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 65.18 | 69.58 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 64.97 | 69.56 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 64.88 | 69.51 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 64.87 | 69.31 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 64.87 | 69.60 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 68.19 | 72.76 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 68.06 | 72.69 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 68.23 | 72.86 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 68.18 | 72.65 | / | Pass |

### 3.1.12 30_S_80M_NTNV

| 5G NR n41 SCS=30kHz SISO 80MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 77.65 | 82.43 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 77.63 | 82.46 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 77.87 | 82.36 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 77.65 | 82.59 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 77.80 | 82.39 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 78.08 | 82.93 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 78.23 | 82.84 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 78.09 | 82.89 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 78.00 | 82.76 | / | Pass |

### 3.1.13 30_S_90M_NTNV

| 5G NR n41 SCS=30kHz SISO 90MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency | RB | 99% Bandwidth | 26dB Bandwidth | Limit | Verdict |

| | (MHz) | Allocation | (MHz) | (MHz) | (MHz) | |
|---|---|---|---|---|---|---|
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 87.36 | 92.23 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 87.22 | 92.30 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 87.25 | 92.32 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 87.49 | 92.24 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 86.92 | 92.05 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 87.95 | 92.98 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 87.83 | 92.98 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 88.01 | 92.84 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 88.05 | 93.07 | / | Pass |

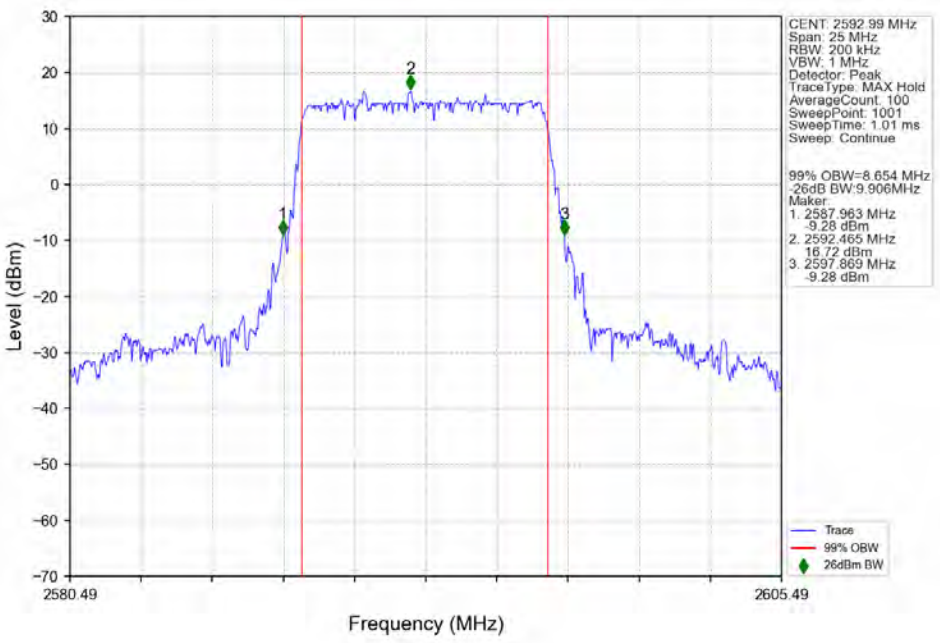
### 3.1.14 30_S_100M_NTNV

| 5G NR n41 SCS=30kHz SISO 100MHz NTNV | | | | | | |
|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | 99% Bandwidth (MHz) | 26dB Bandwidth (MHz) | Limit (MHz) | Verdict |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 96.70 | 101.96 | / | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 96.80 | 101.95 | / | Pass |
| DFT-s-OFDM 16 QAM | 2592.99 | Outer_Full | 96.83 | 101.98 | / | Pass |
| DFT-s-OFDM 64 QAM | 2592.99 | Outer_Full | 96.82 | 101.93 | / | Pass |
| DFT-s-OFDM 256 QAM | 2592.99 | Outer_Full | 97.04 | 102.10 | / | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 97.87 | 103.01 | / | Pass |
| CP-OFDM 16 QAM | 2592.99 | Outer_Full | 98.05 | 103.17 | / | Pass |
| CP-OFDM 64 QAM | 2592.99 | Outer_Full | 97.72 | 102.88 | / | Pass |
| CP-OFDM 256 QAM | 2592.99 | Outer_Full | 97.99 | 103.21 | / | Pass |

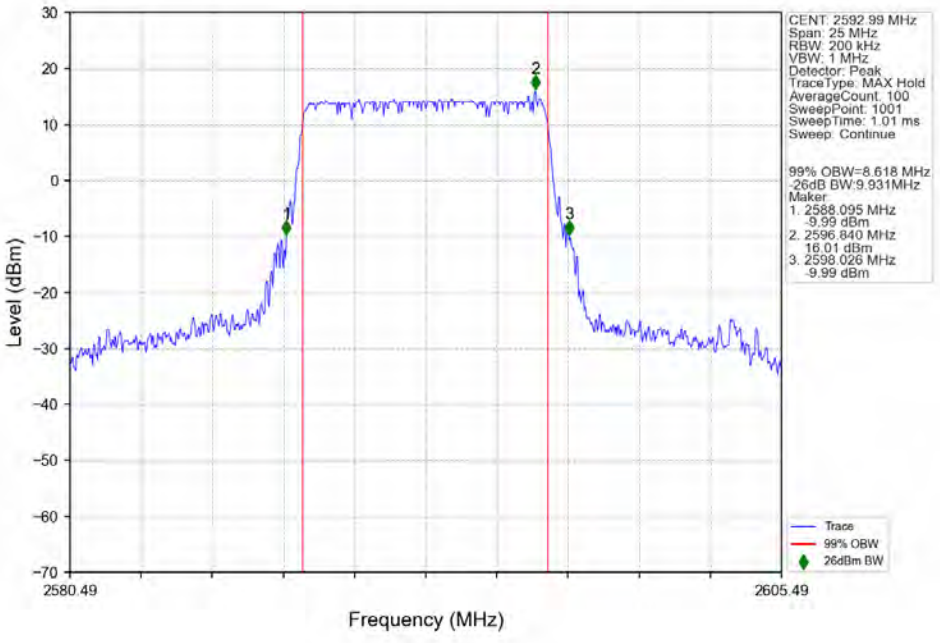
## 3.2 Test Graph

### 3.2.1 30_S_10M_NTNV

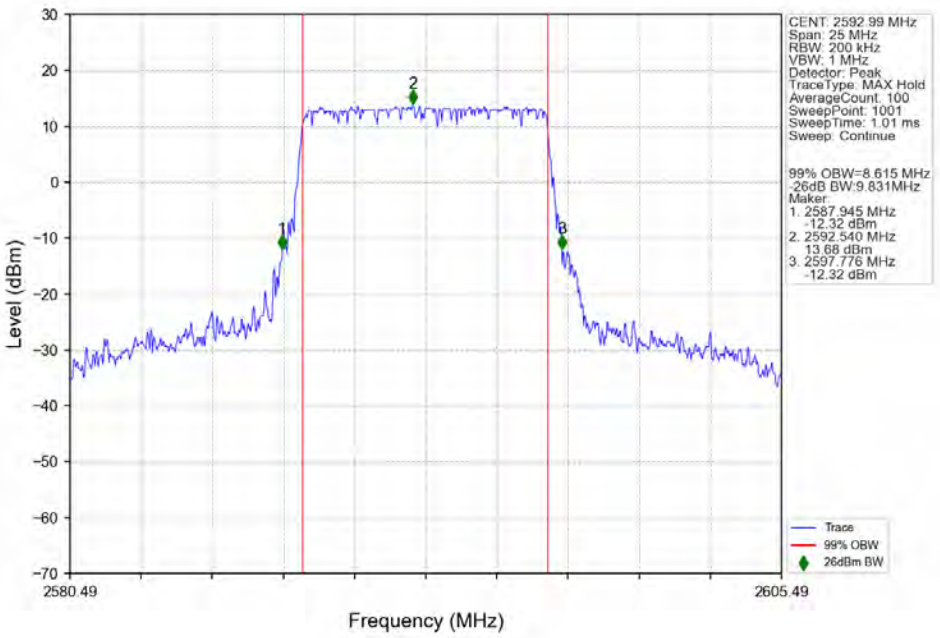
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



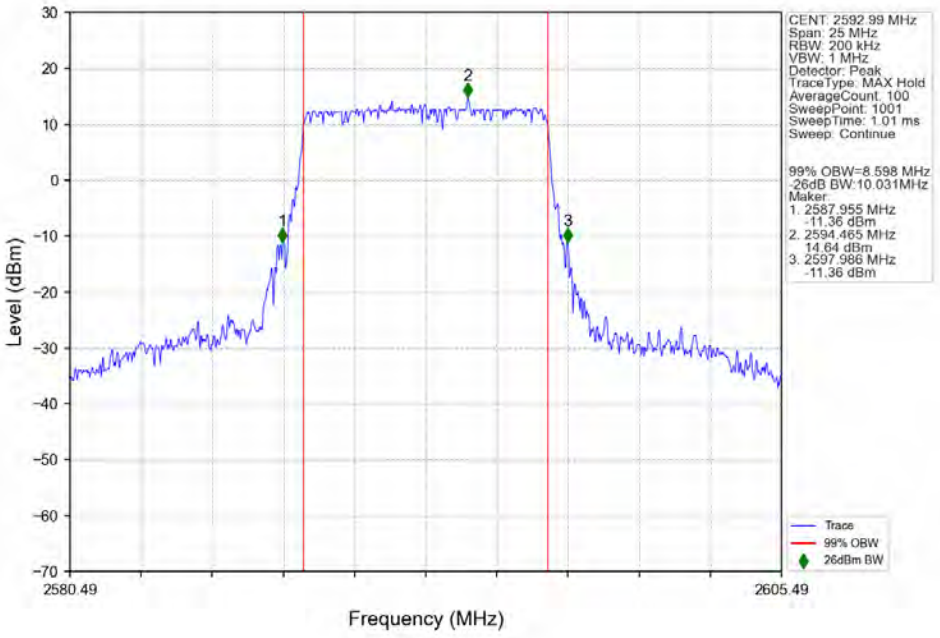

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



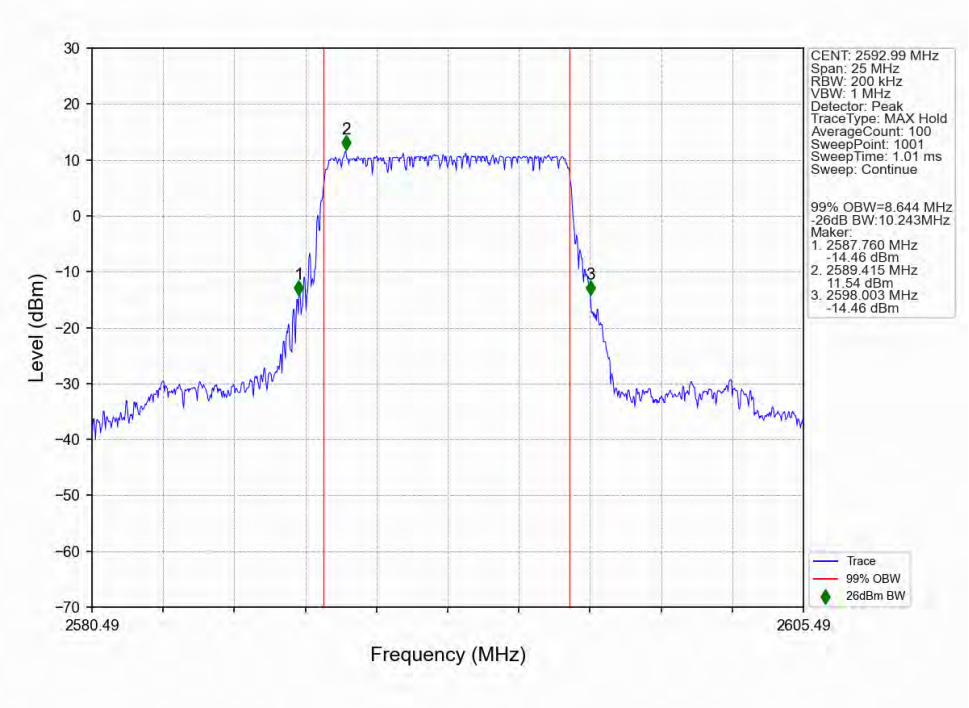
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



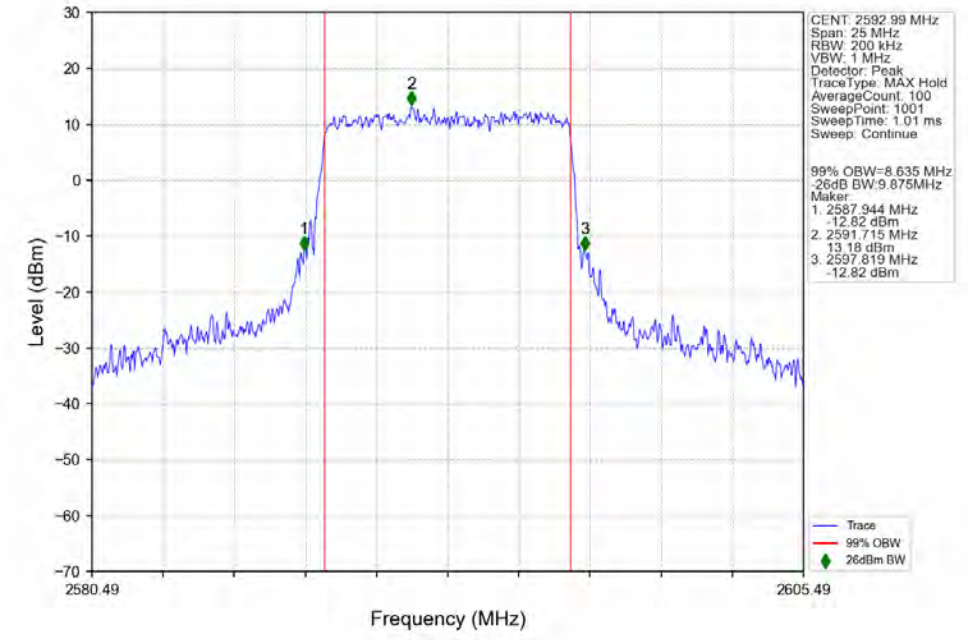

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



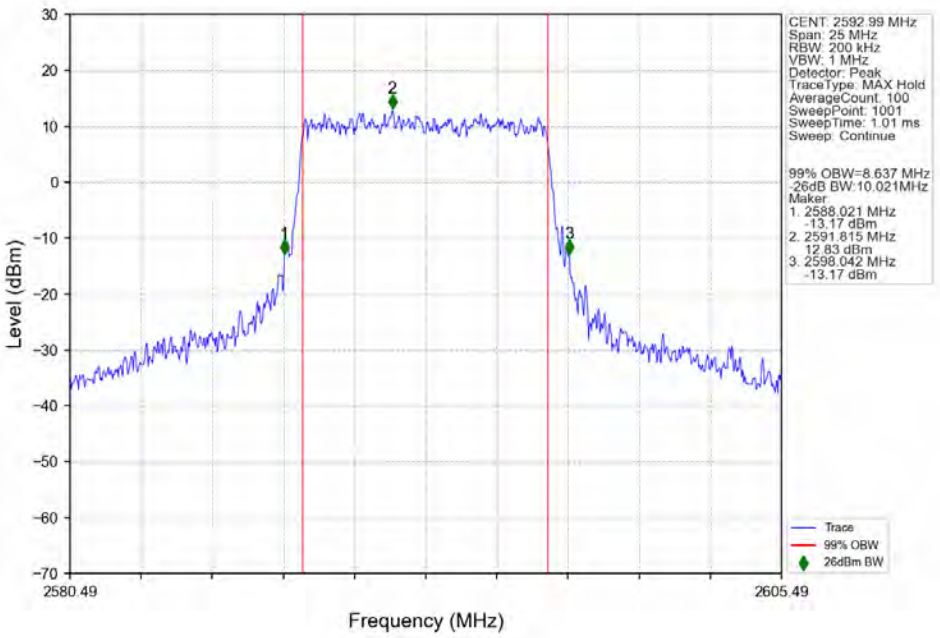
n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



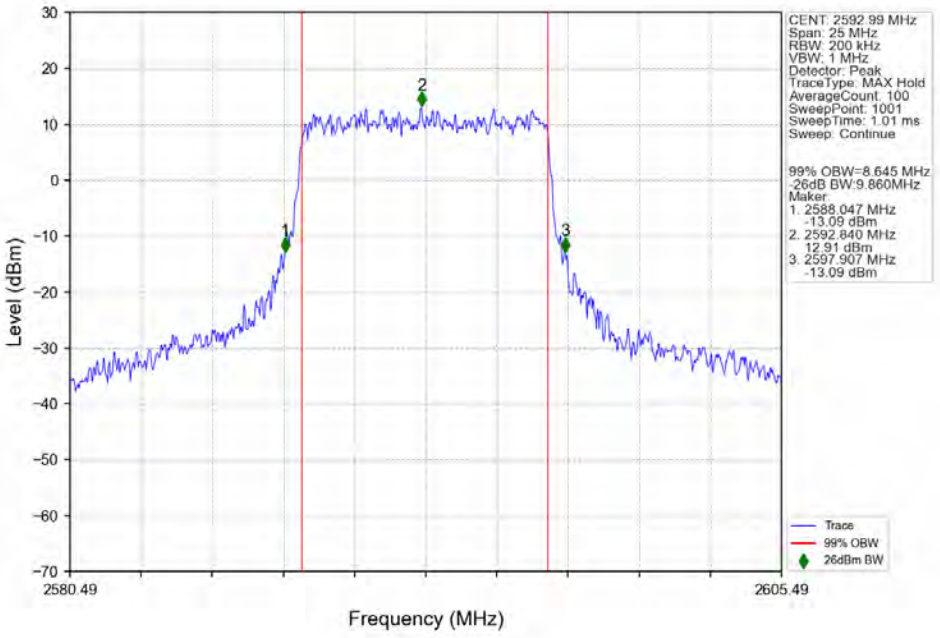

n41_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



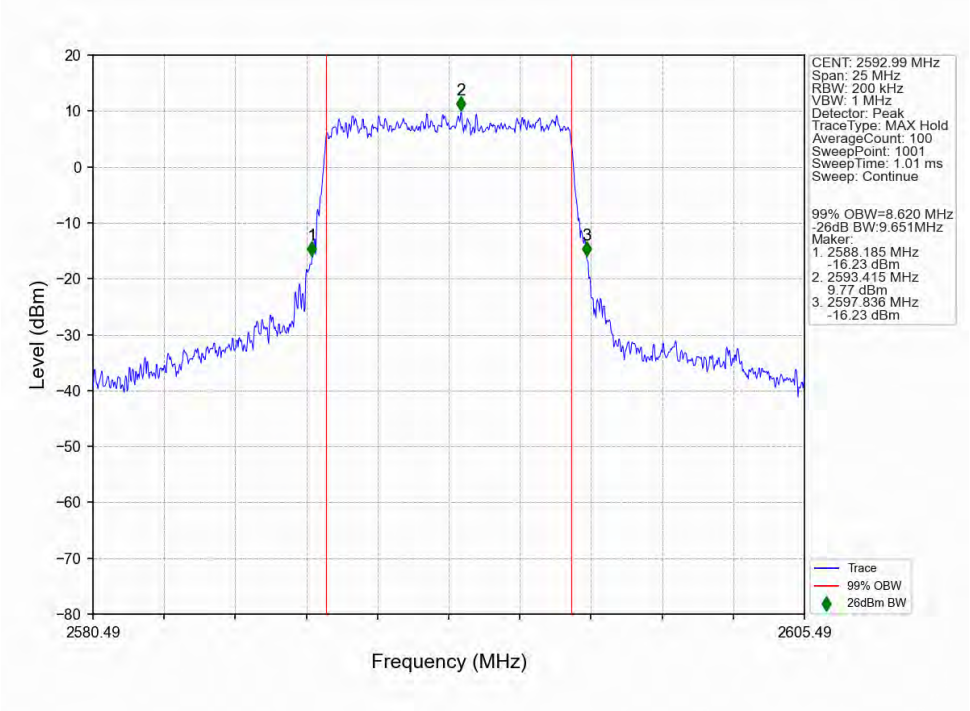
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

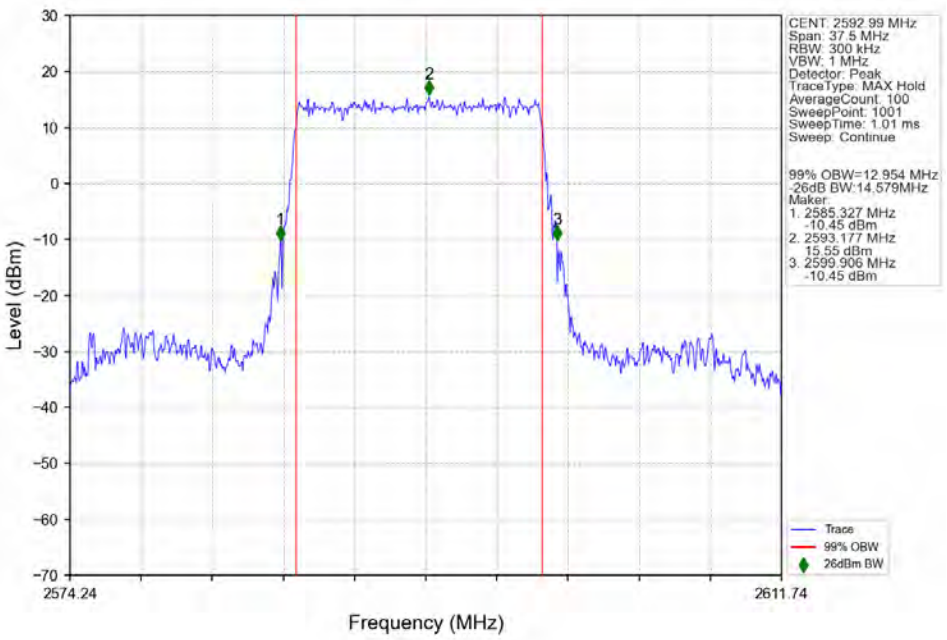


n41_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

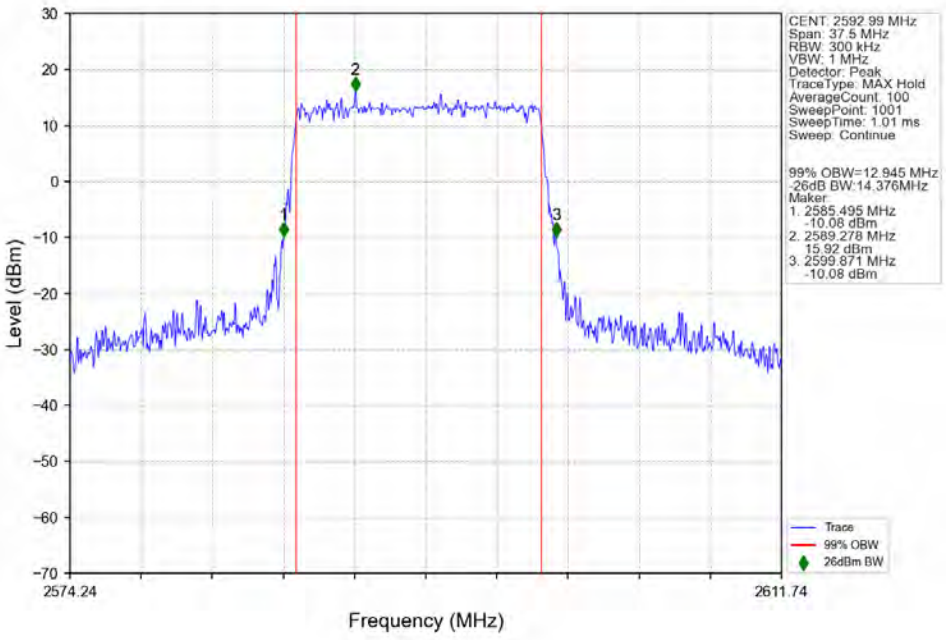


## 3.2.2 30_S_15M_NTNV

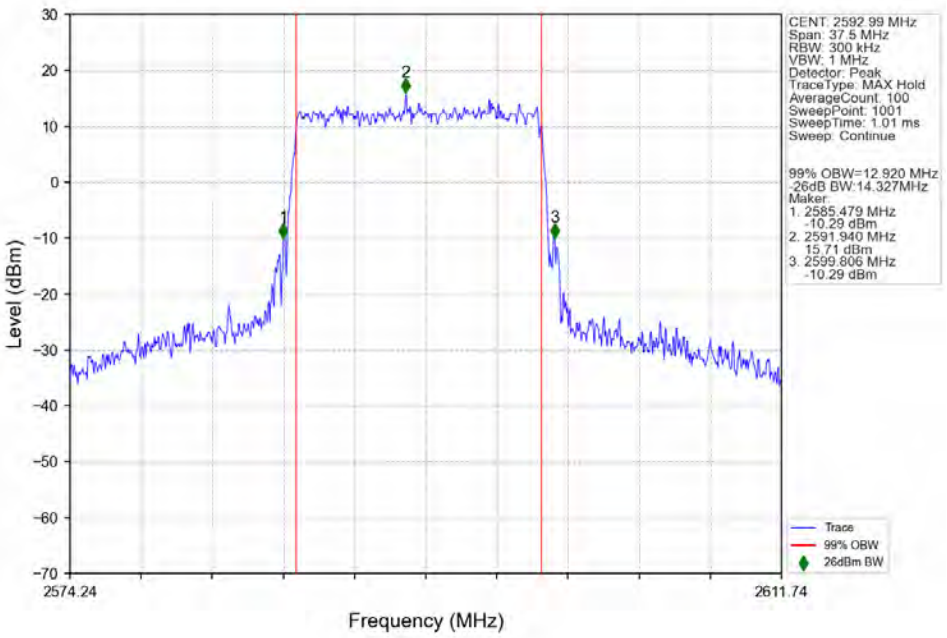
n41_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



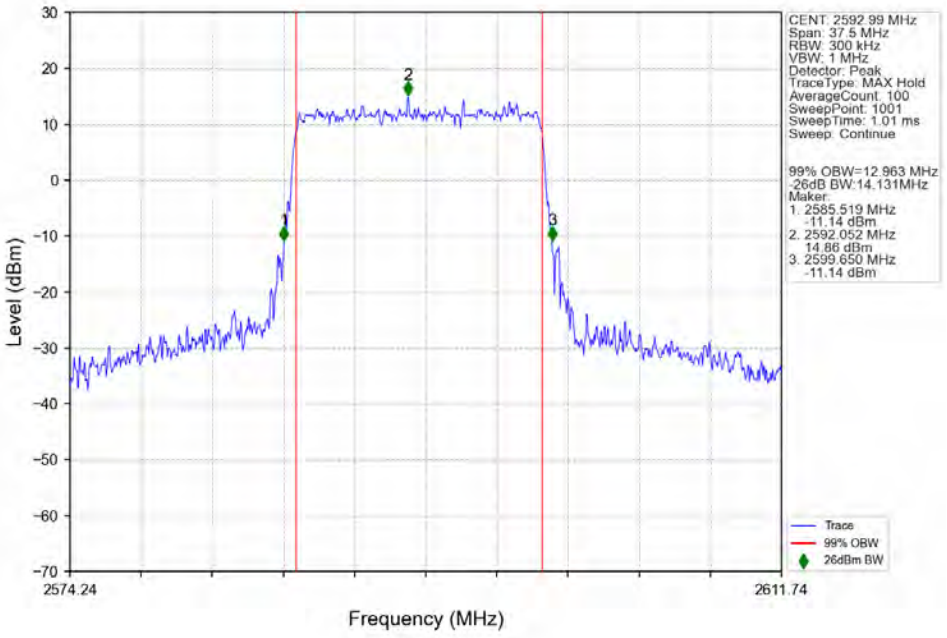

n41_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



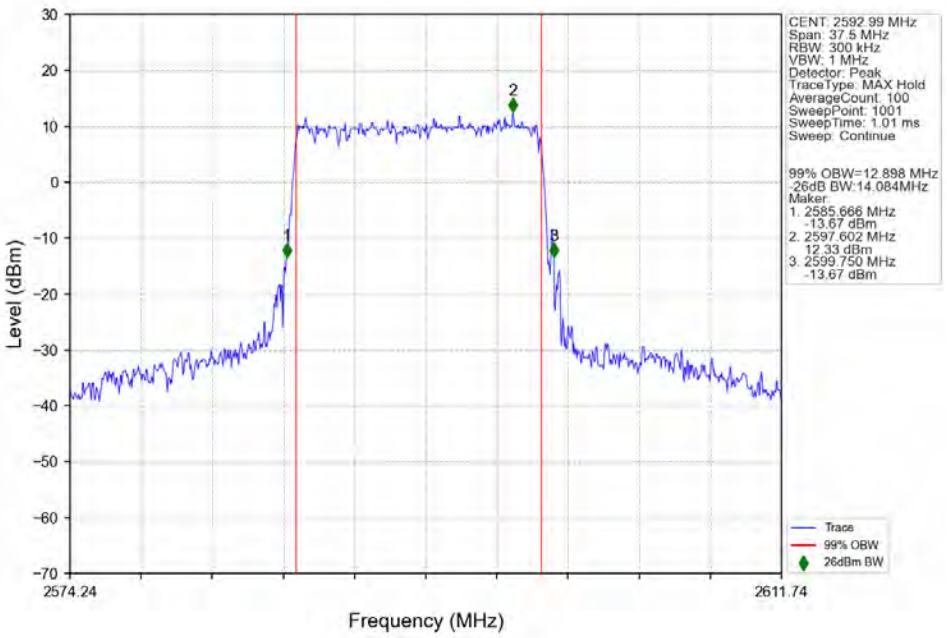
n41_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



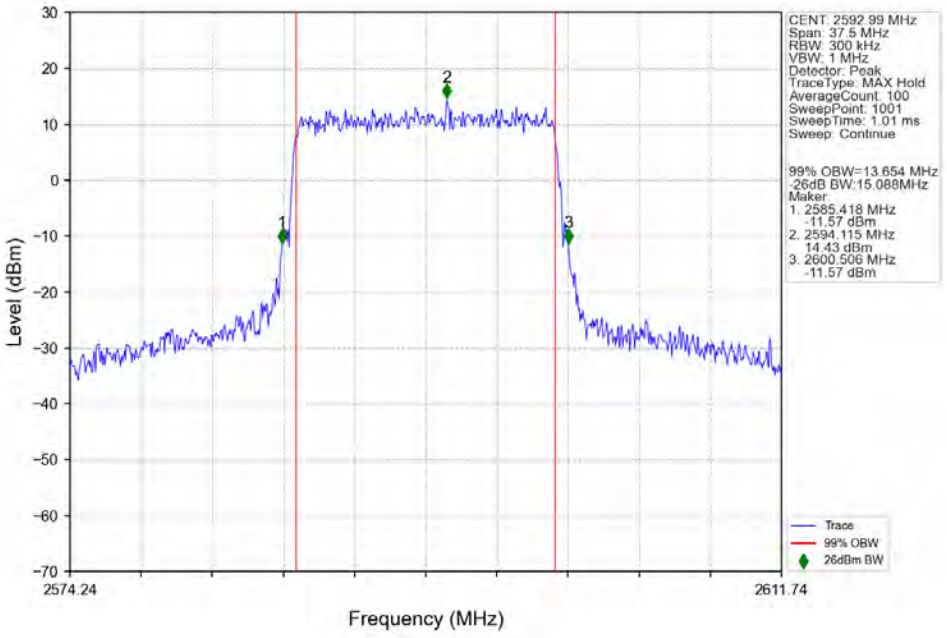

n41_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



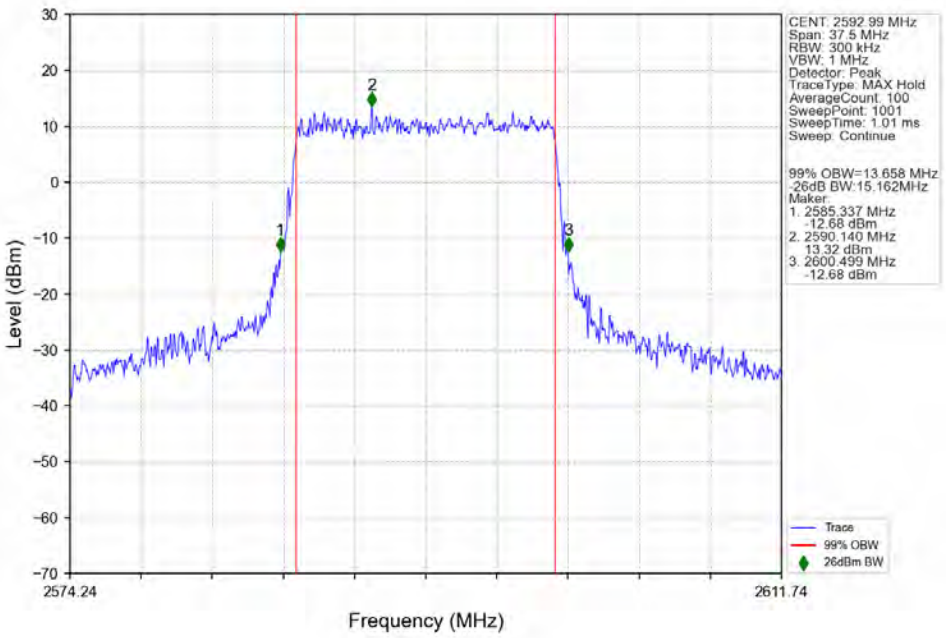
n41_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



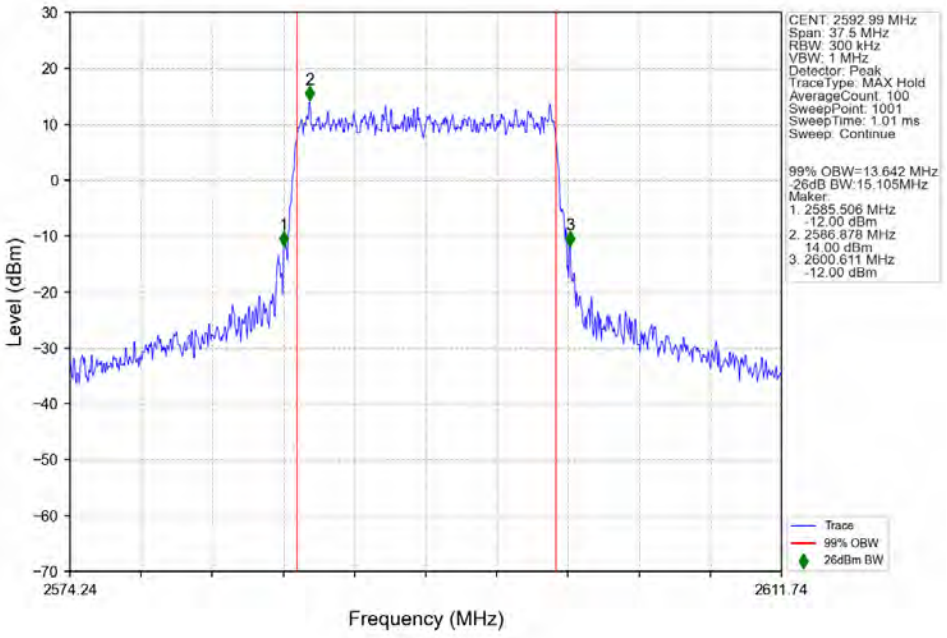

n41_30kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



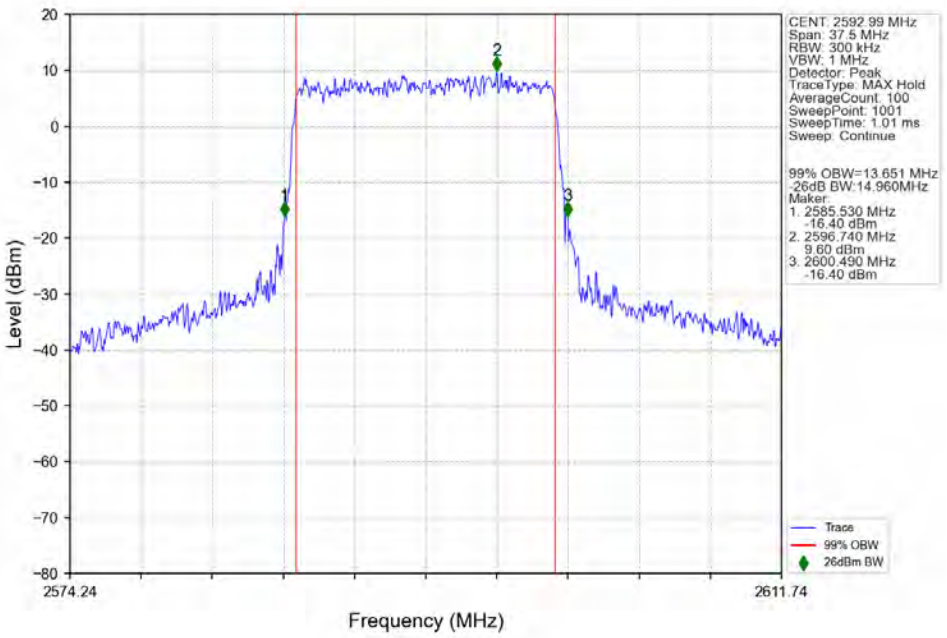
n41_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

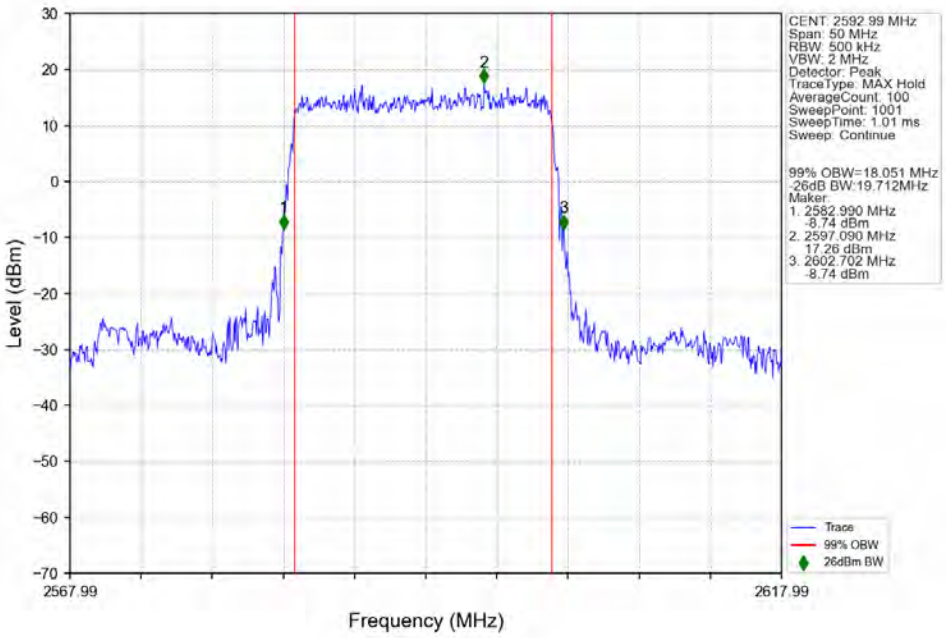


n41_30kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

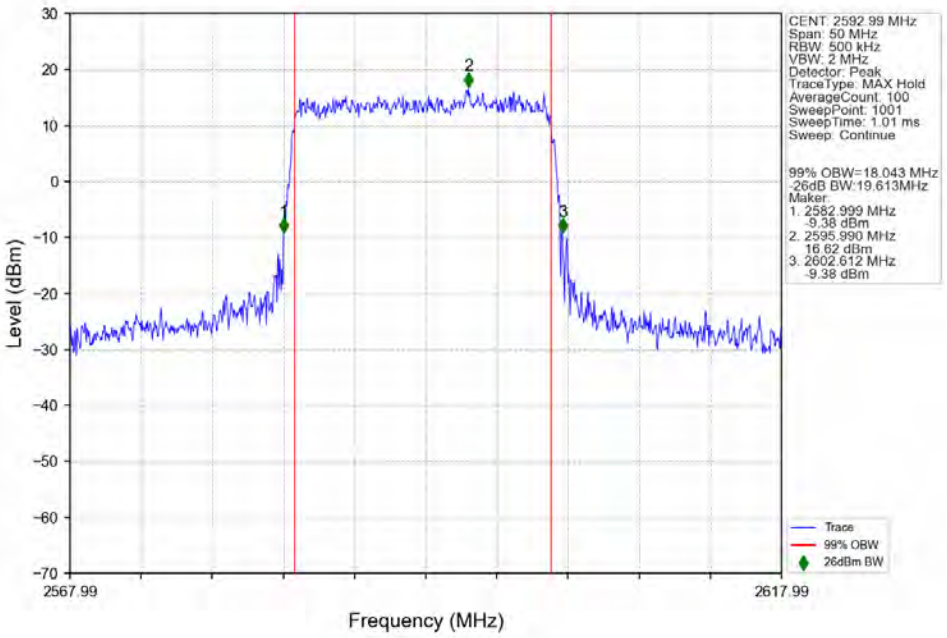


## 3.2.3 30_S_20M_NTNV

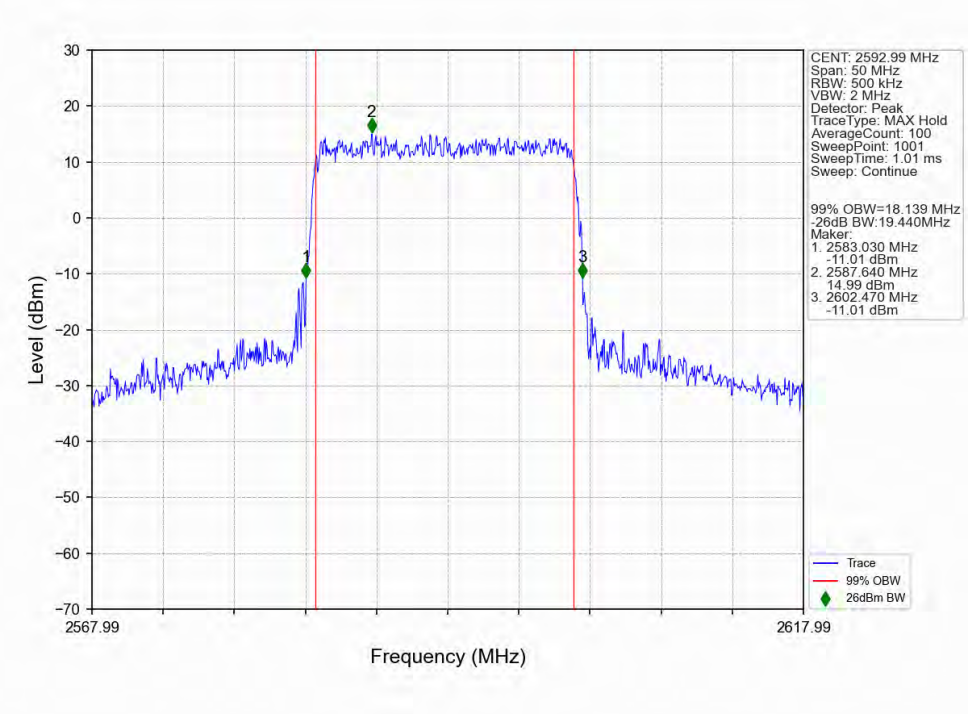
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



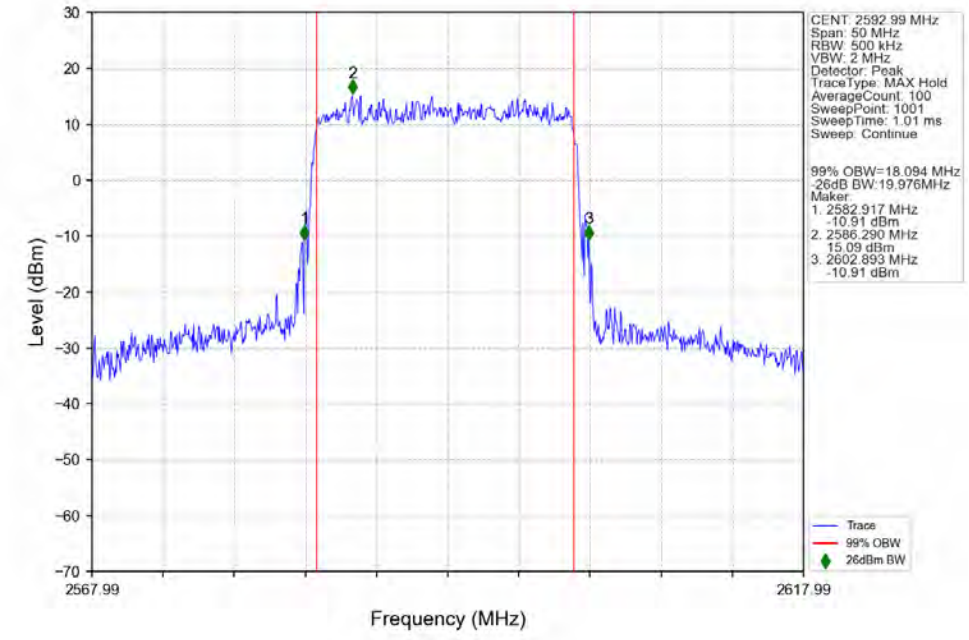

n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



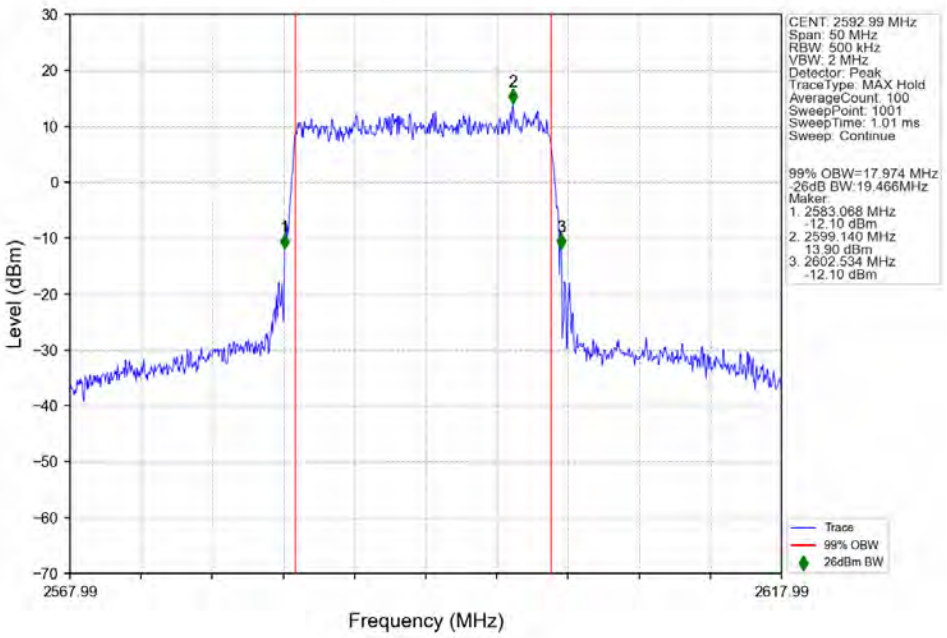
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



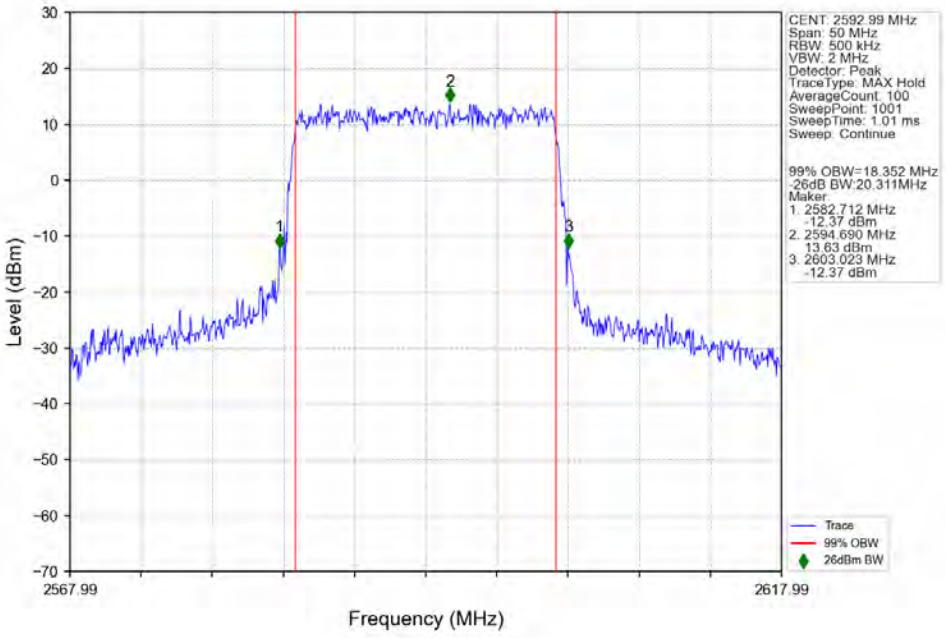

n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



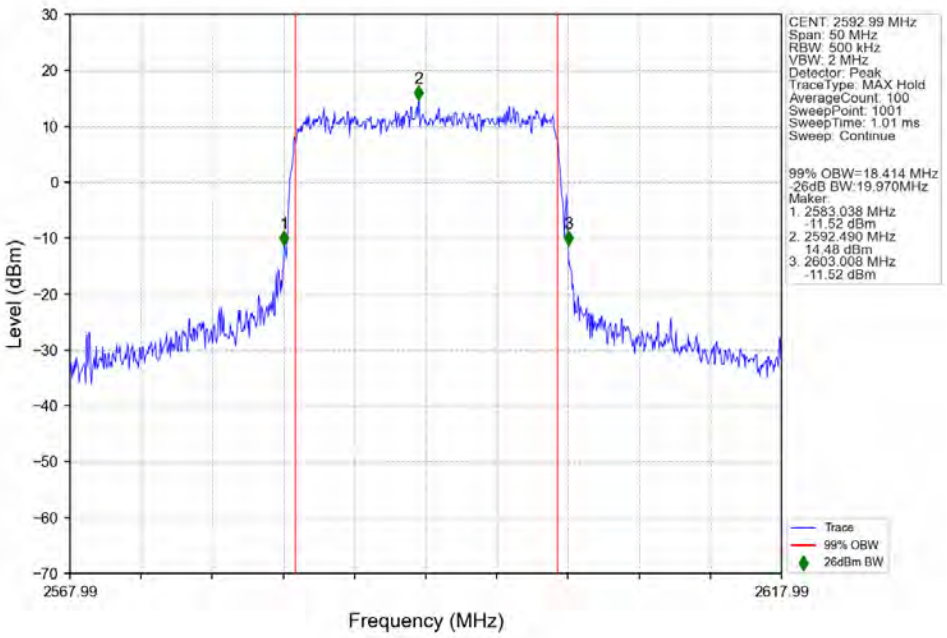
n41_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



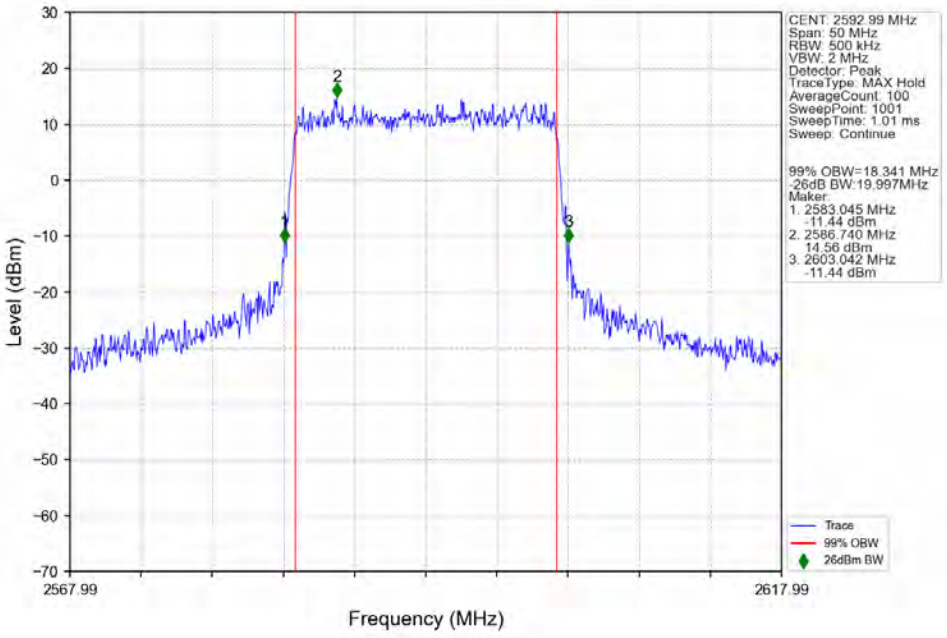

n41_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



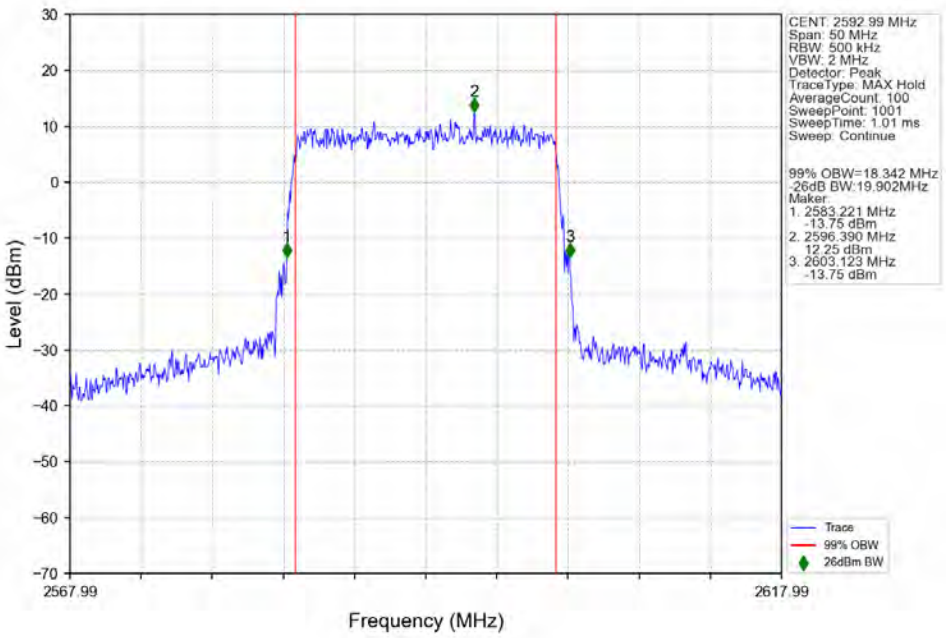
n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

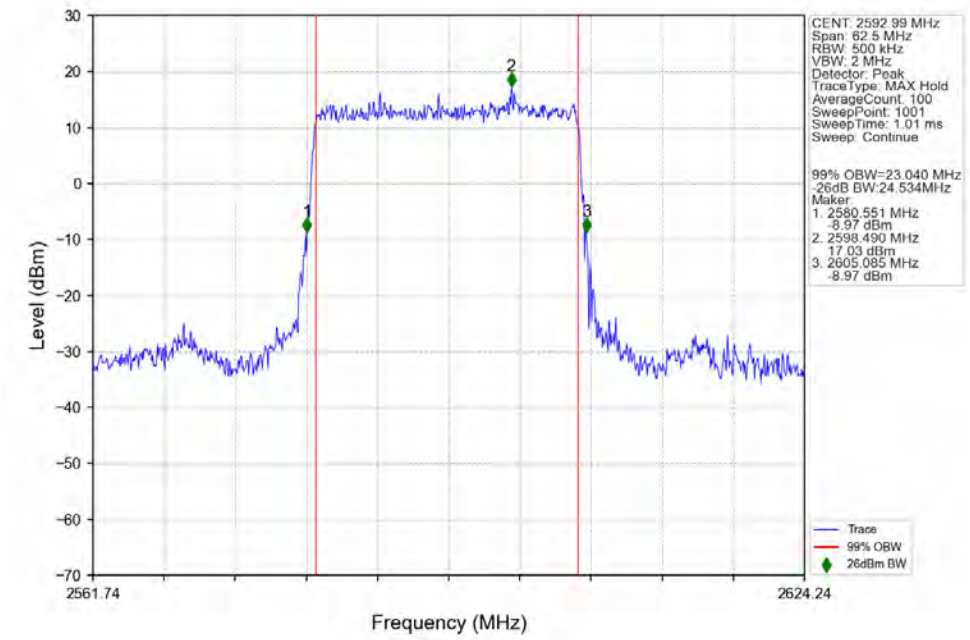


n41_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

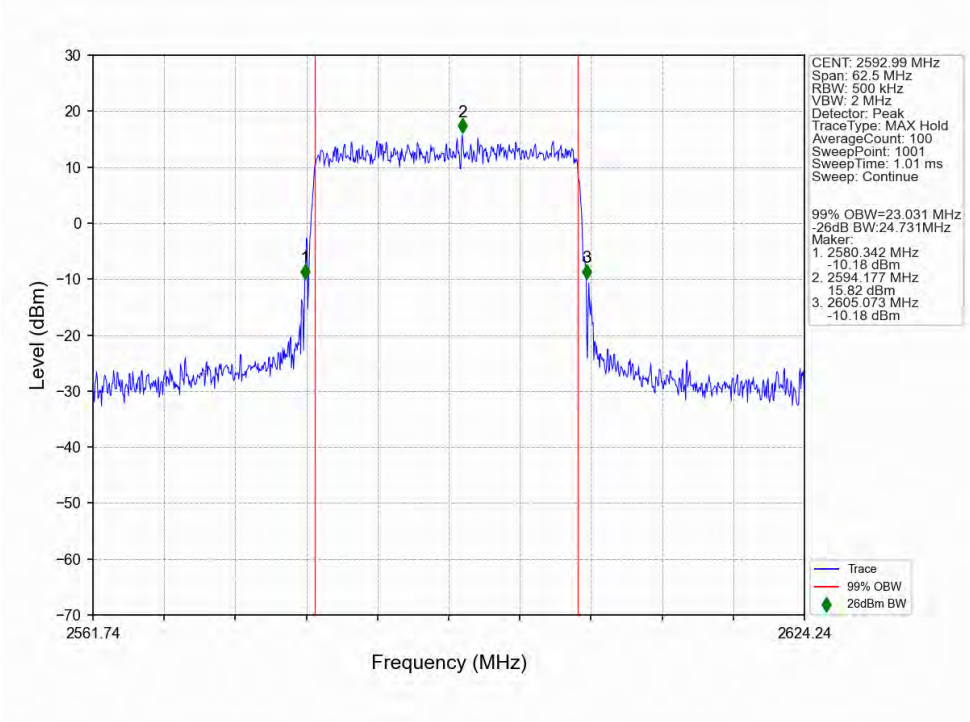


## 3.2.4 30_S_25M_NTNV

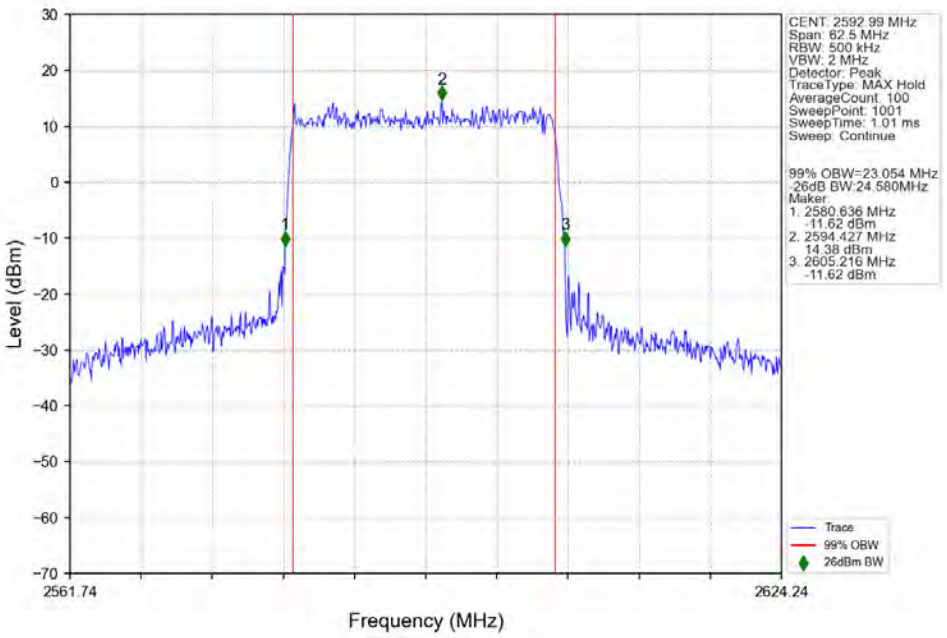
n41_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



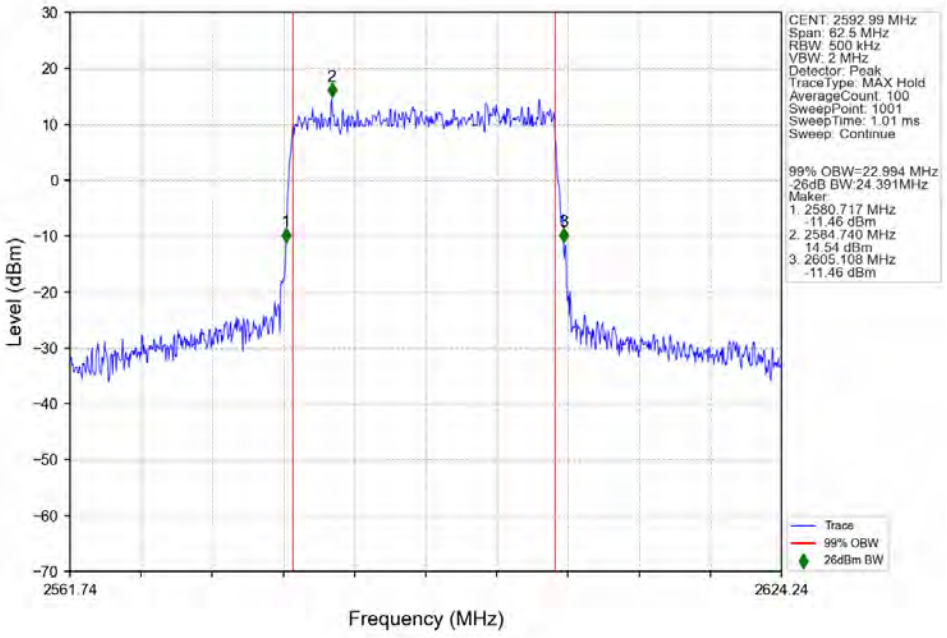

n41_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



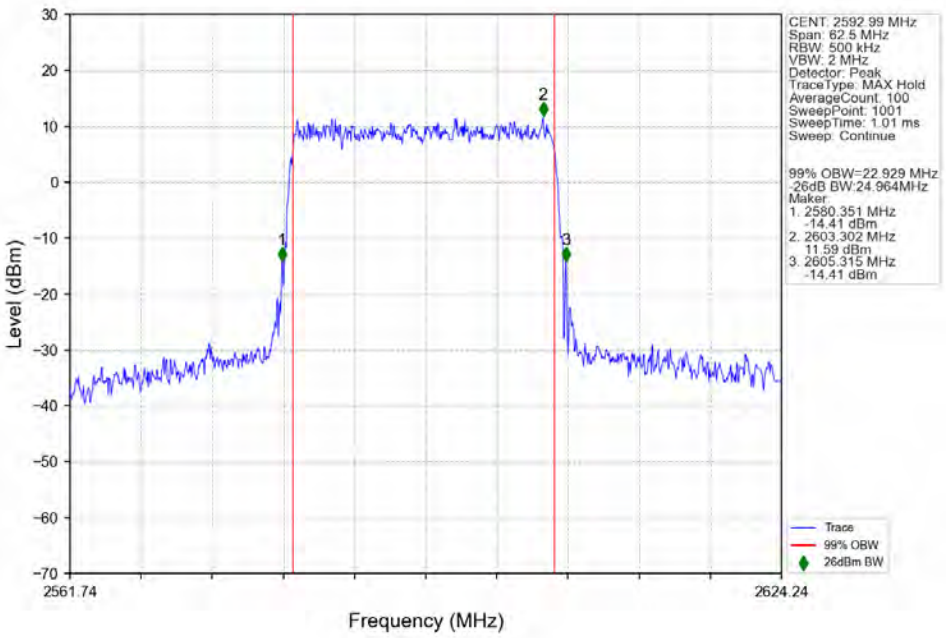
n41_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



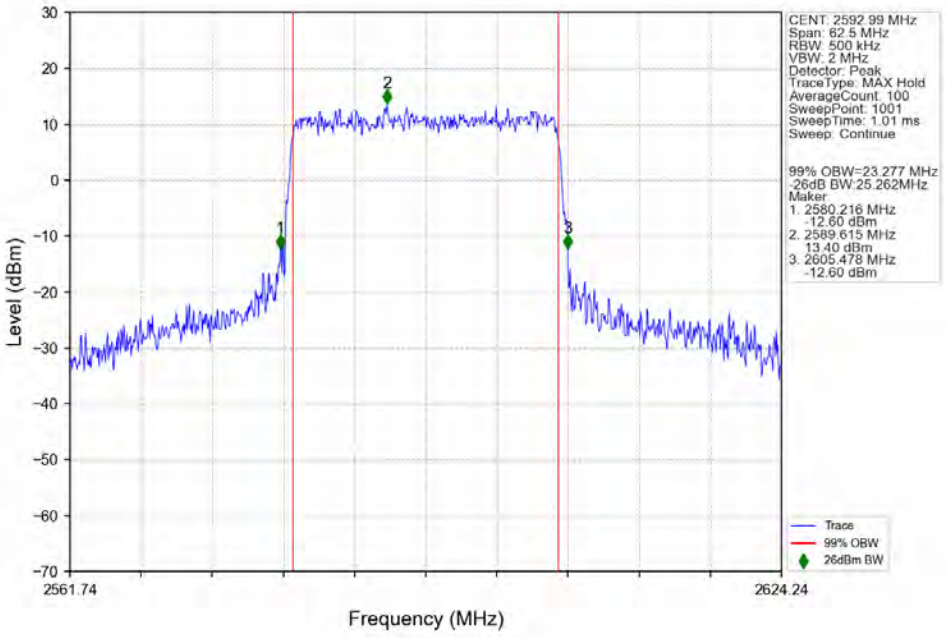

n41_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



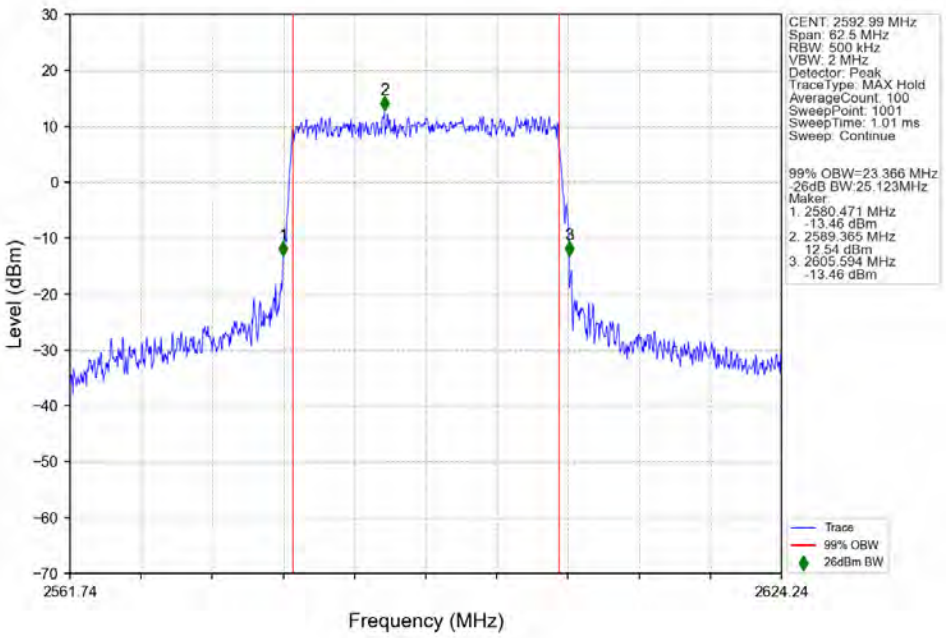
n41_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



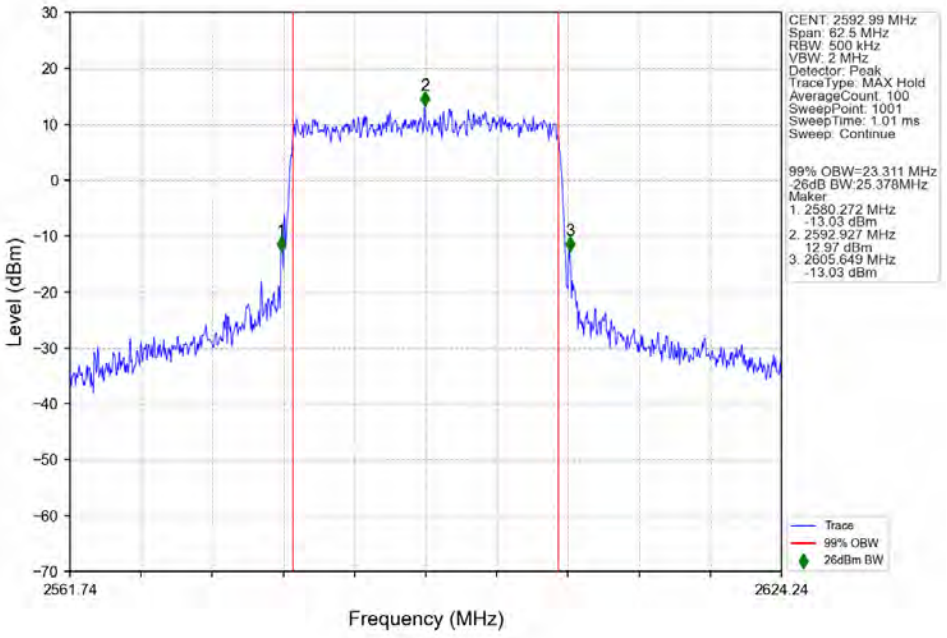

n41_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



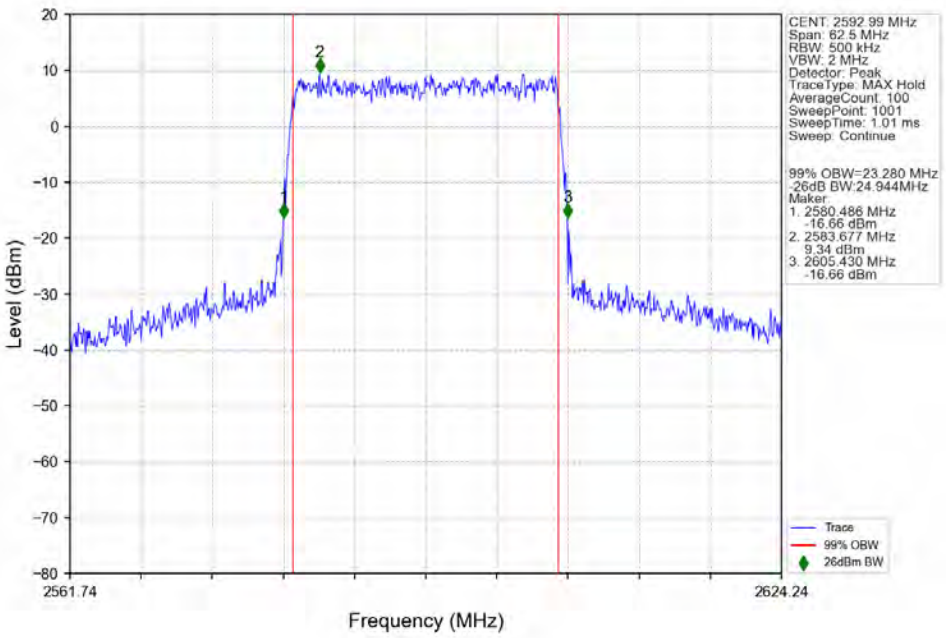
n41_30kHz_SISO_NTNV_25MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

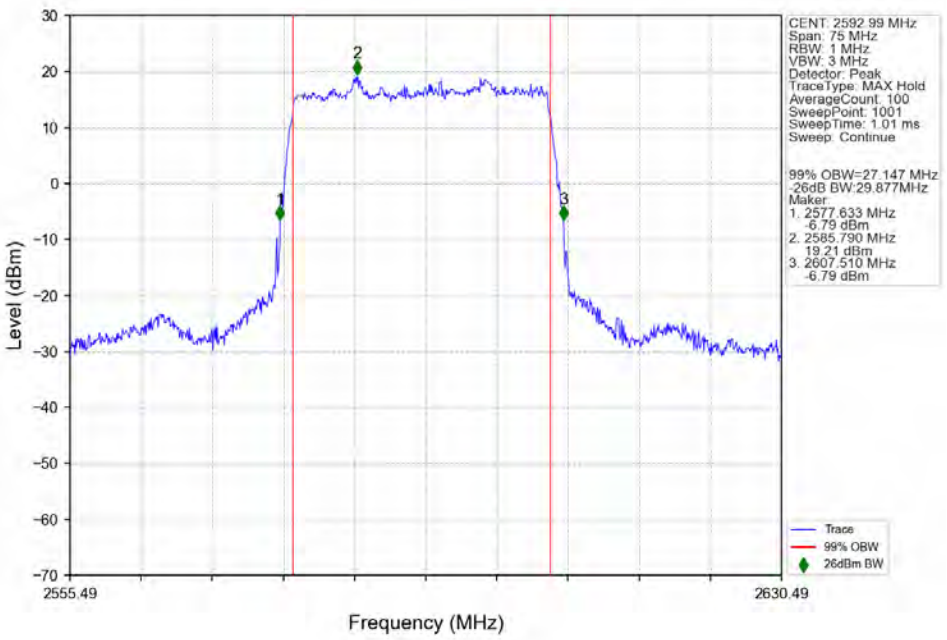


n41_30kHz_SISO_NTNV_25MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

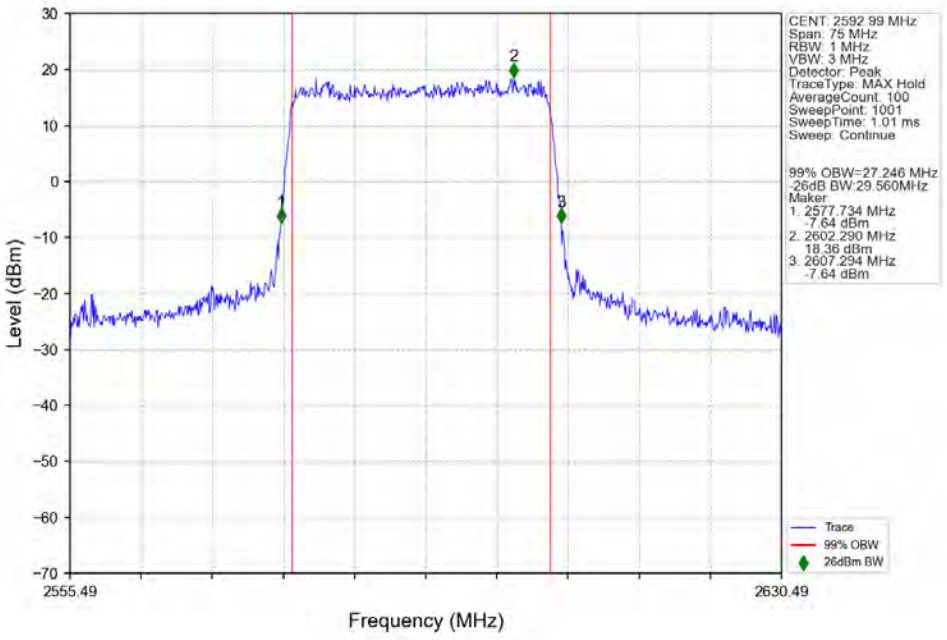


## 3.2.5 30_S_30M_NTNV

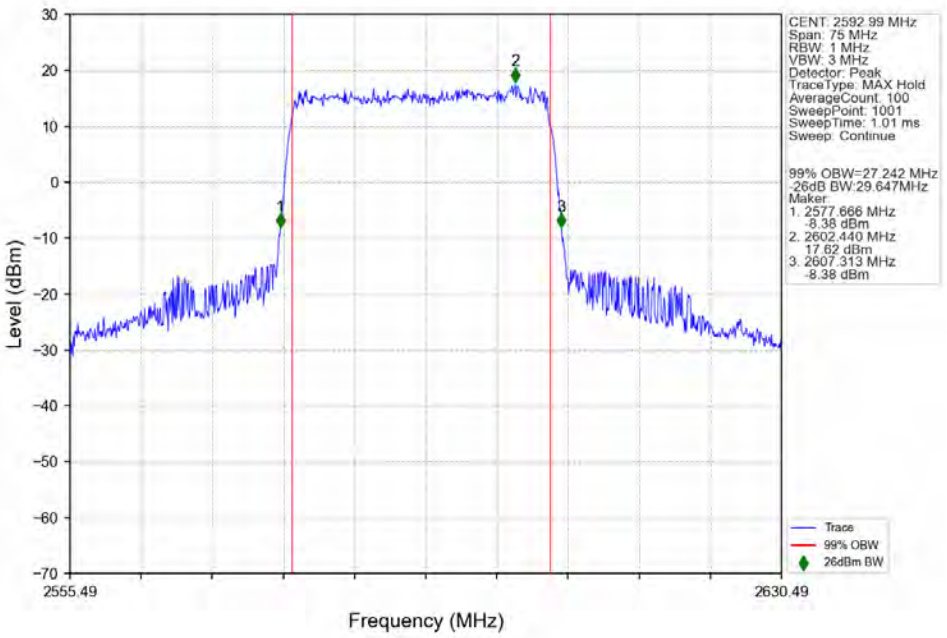
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



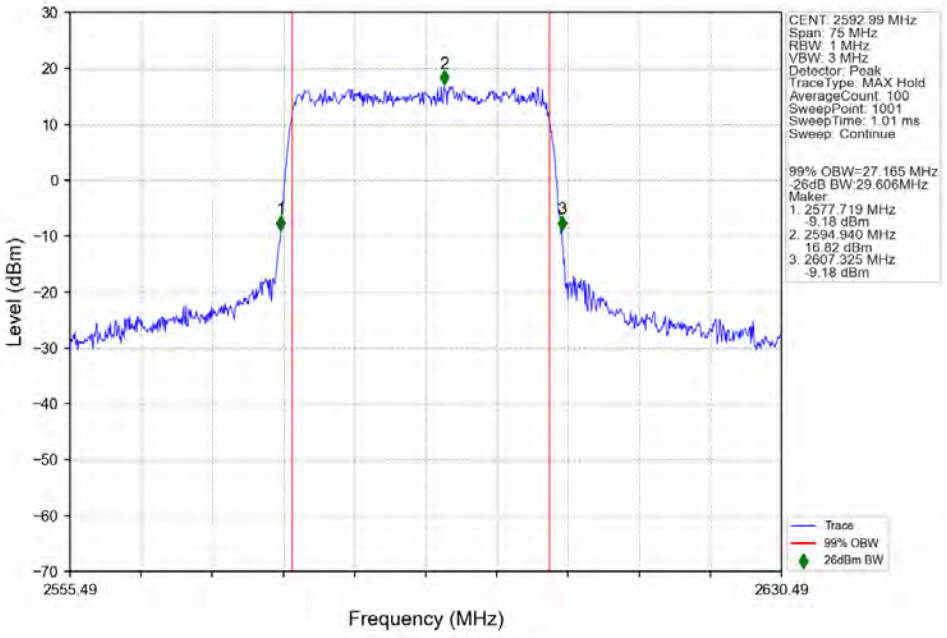

n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



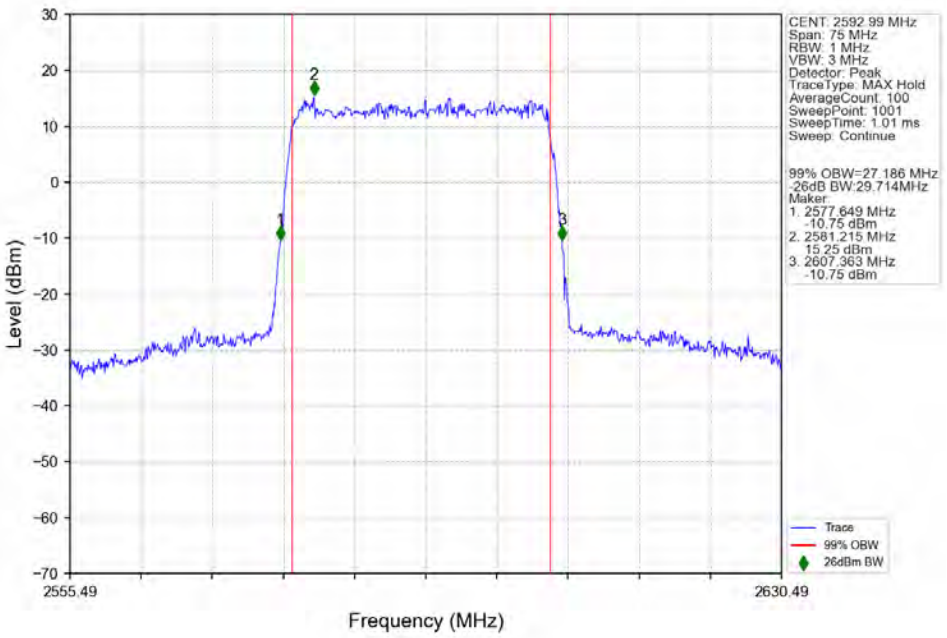
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



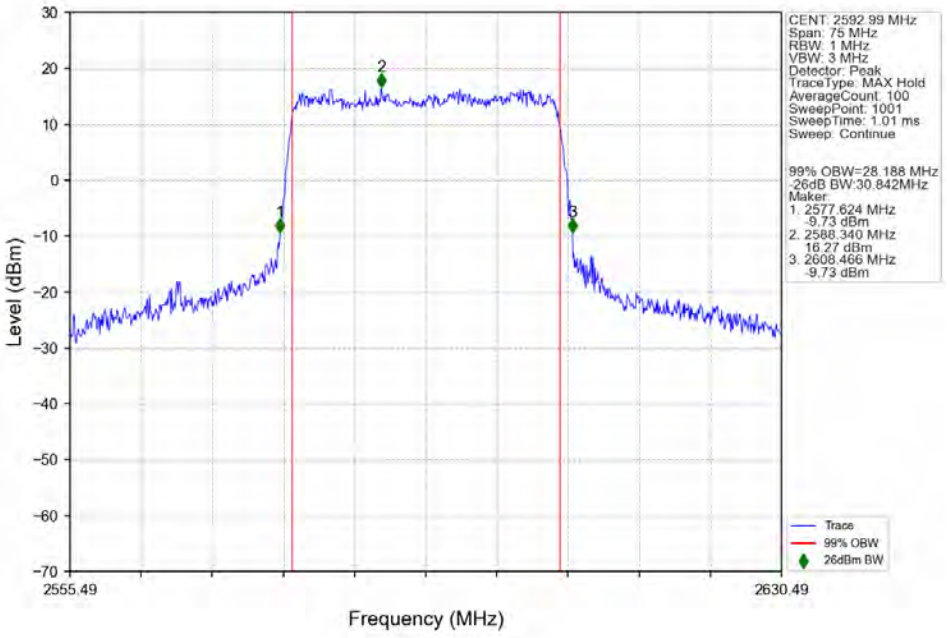

n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



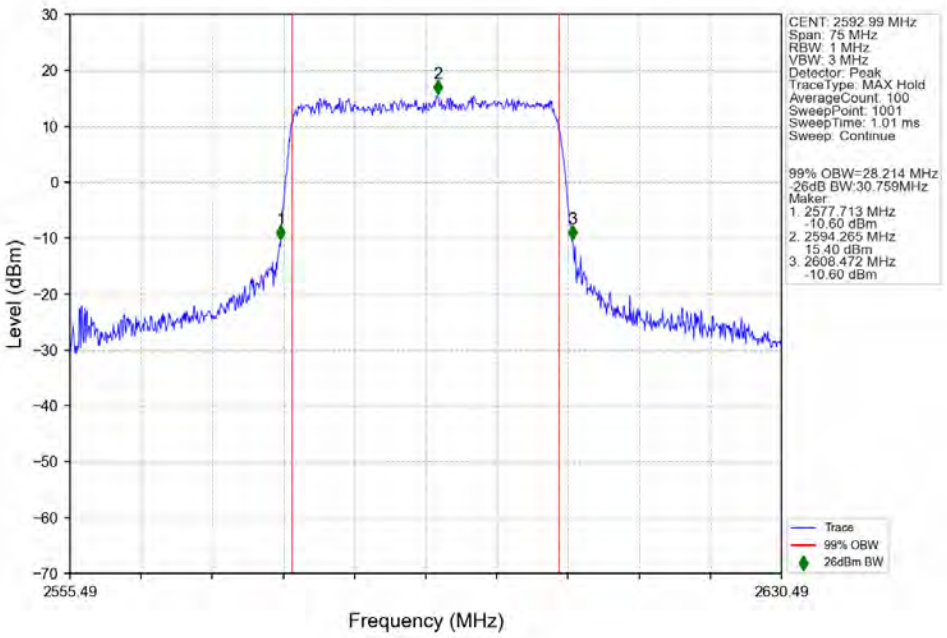
n41_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



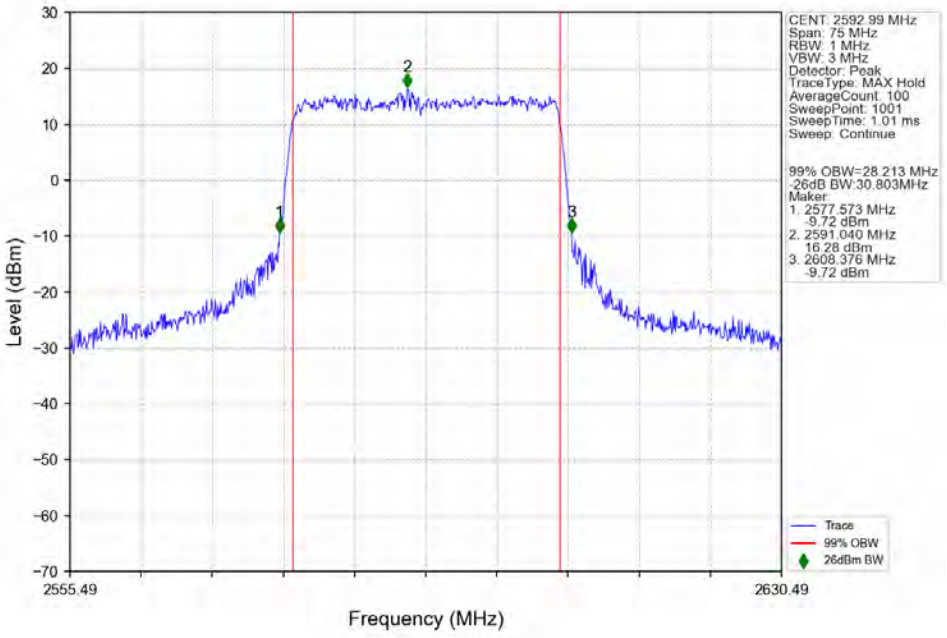

n41_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



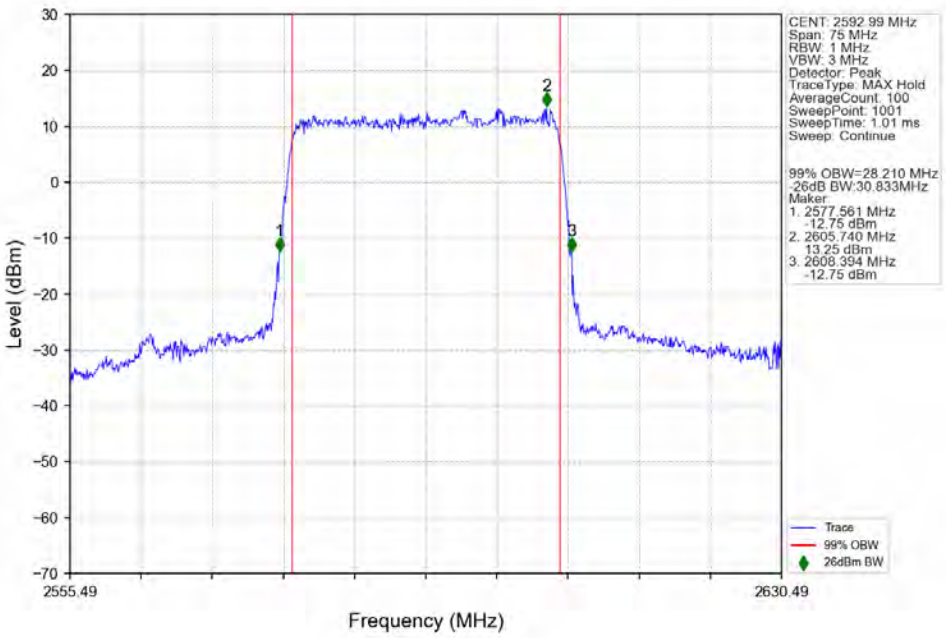
n41_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

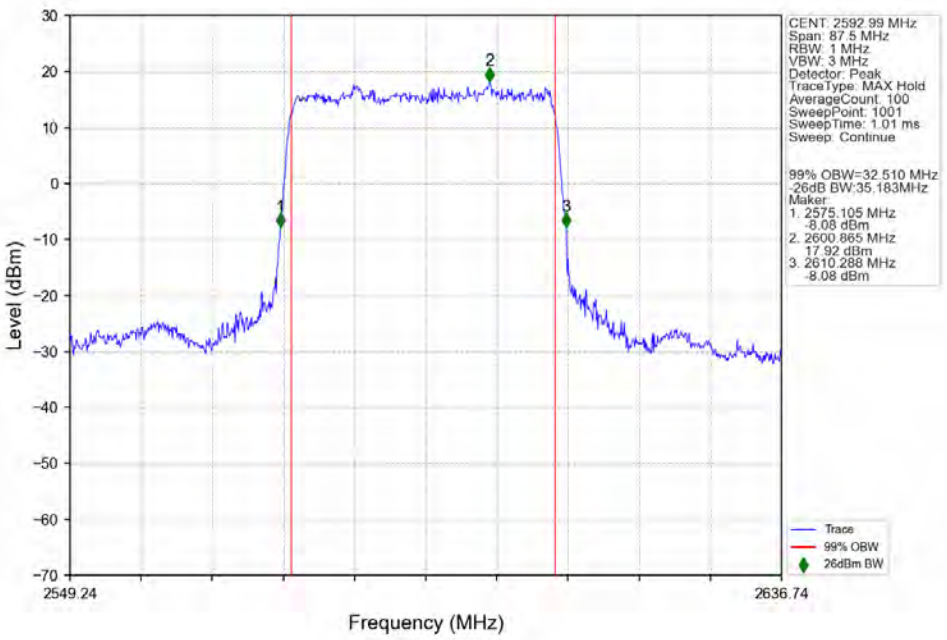


n41_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

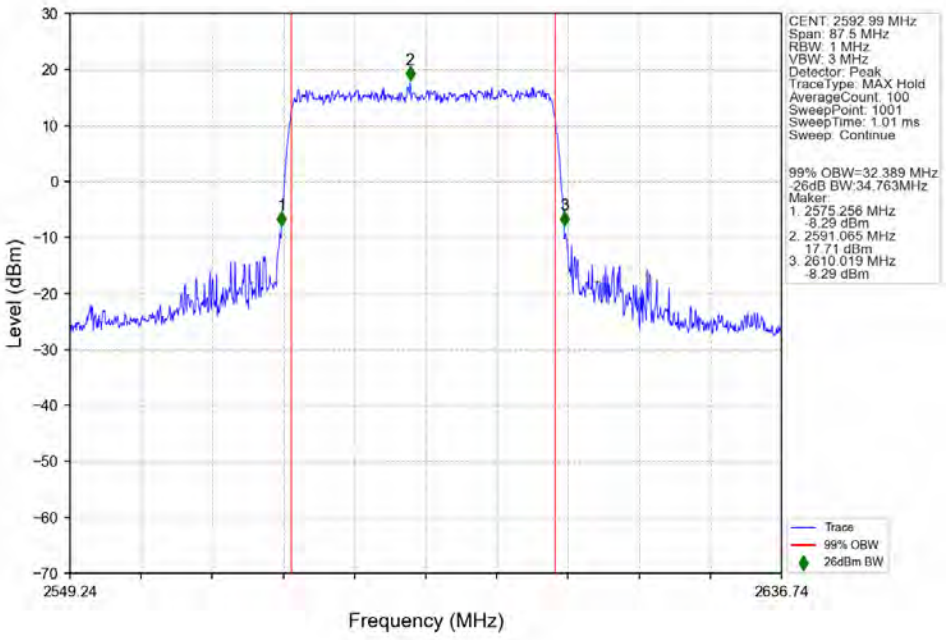


## 3.2.6 30_S_35M_NTNV

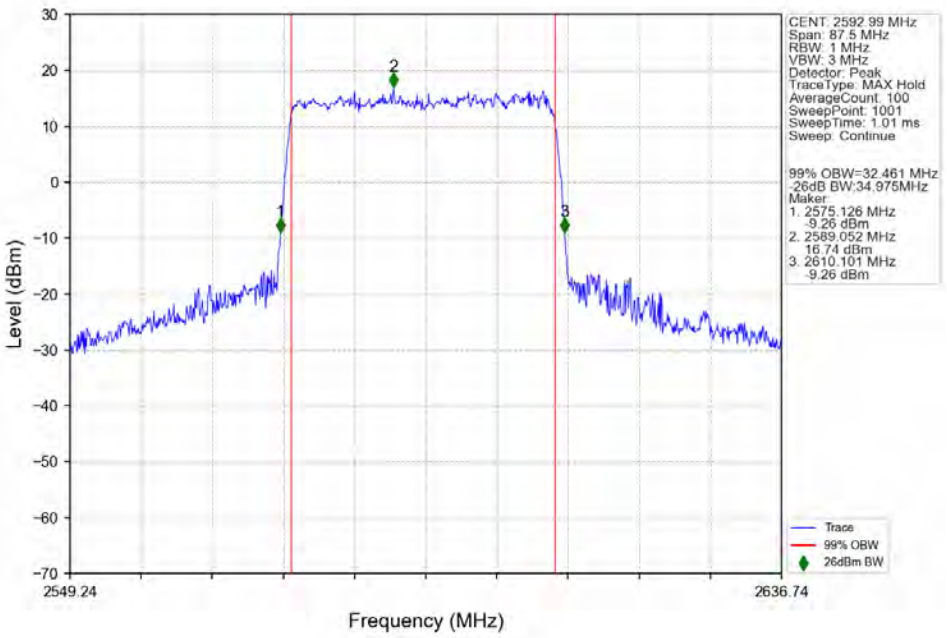
n41_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



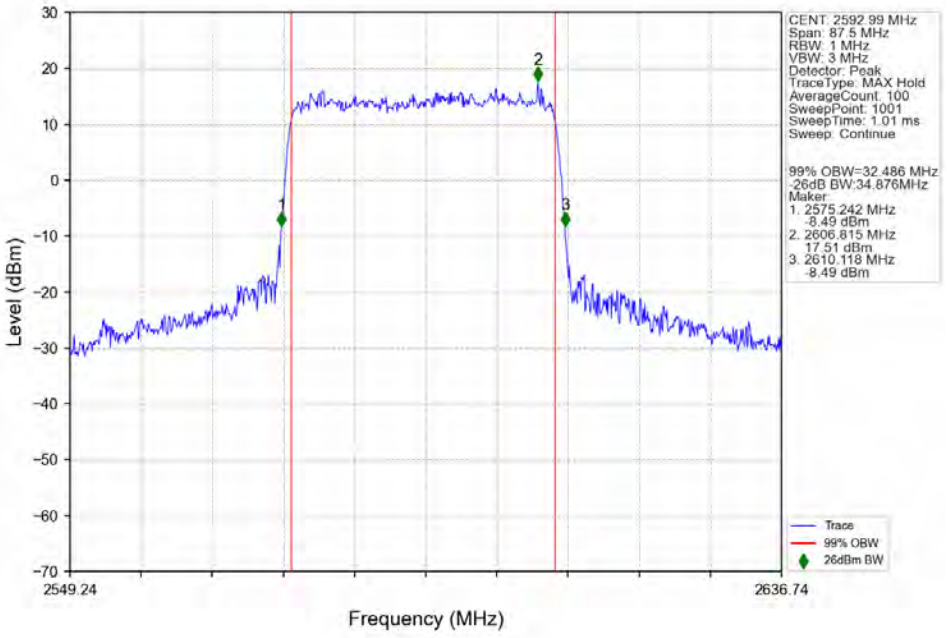

n41_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



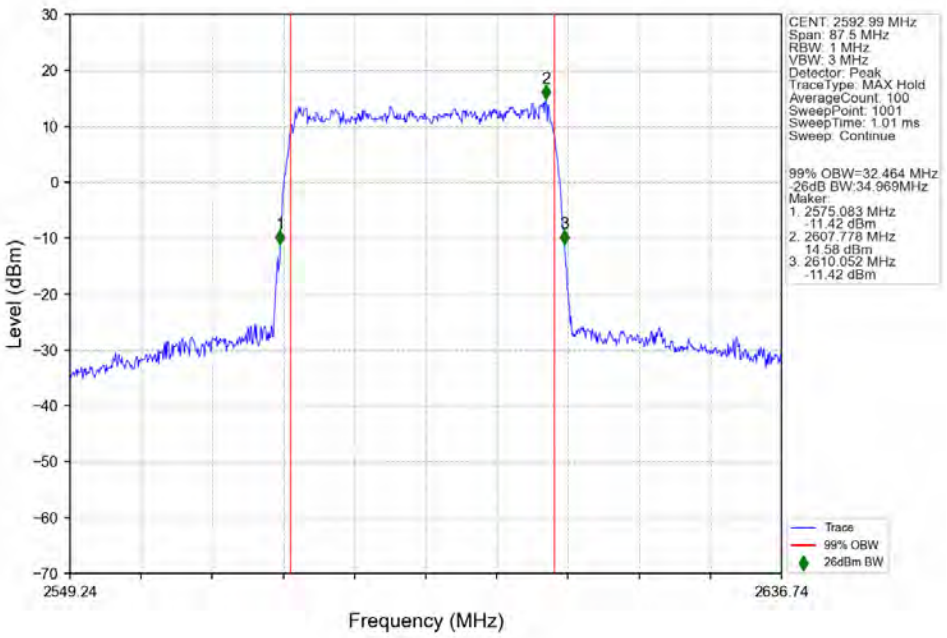
n41_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



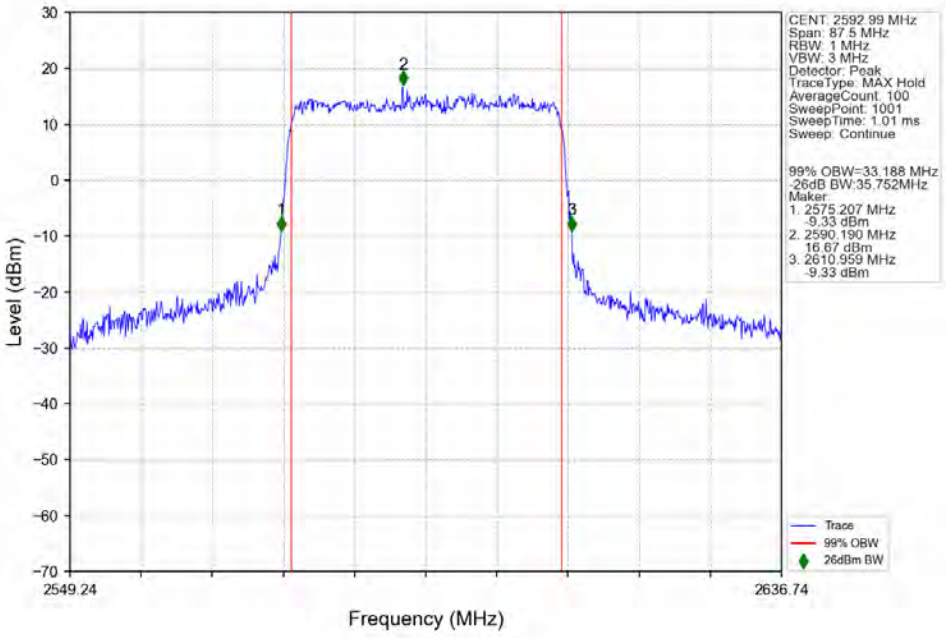

n41_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



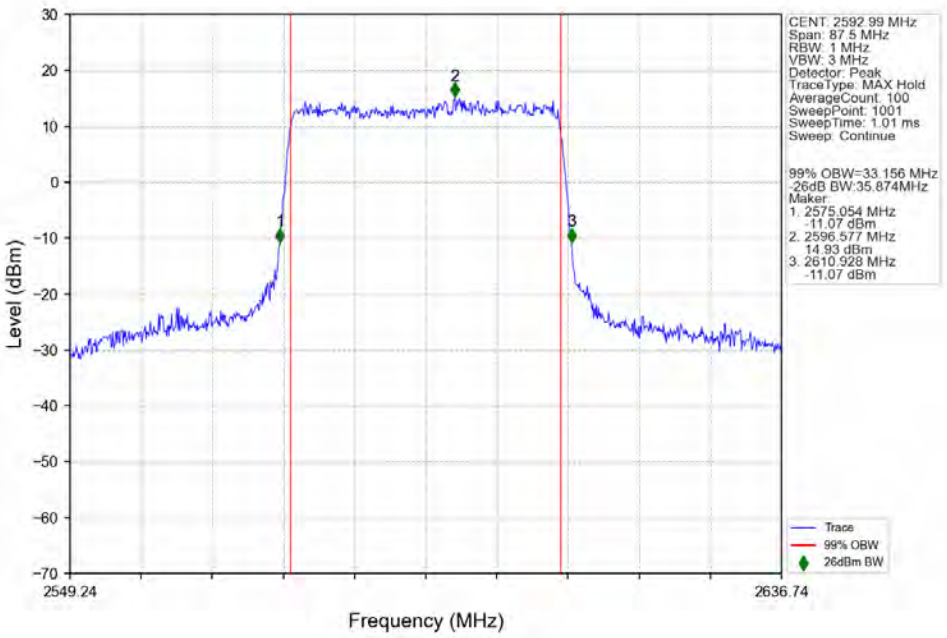
n41_30kHz_SISO_NTNV_35MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



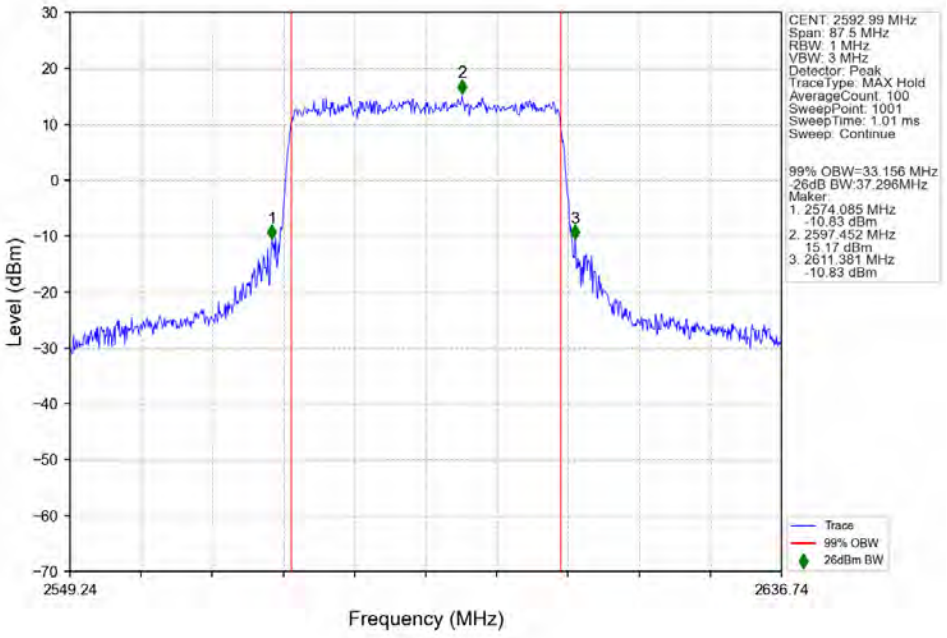

n41_30kHz_SISO_NTNV_35MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



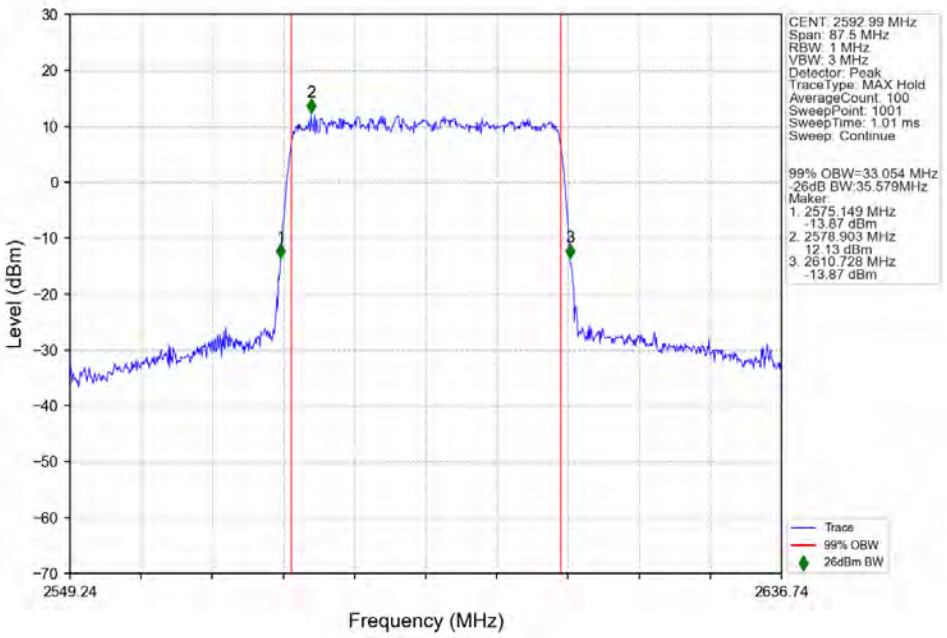
n41_30kHz_SISO_NTNV_35MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_35MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

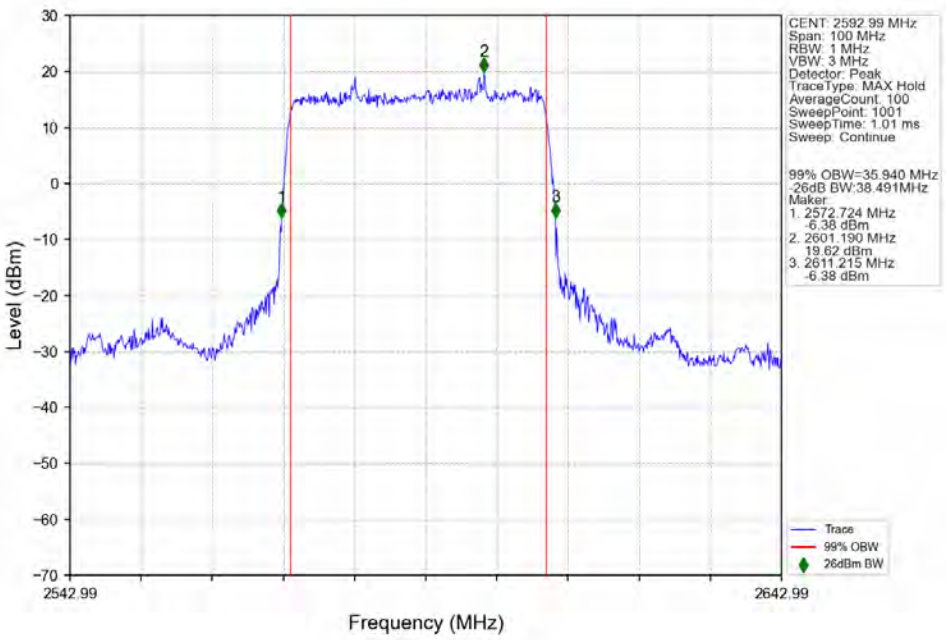


n41_30kHz_SISO_NTNV_35MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

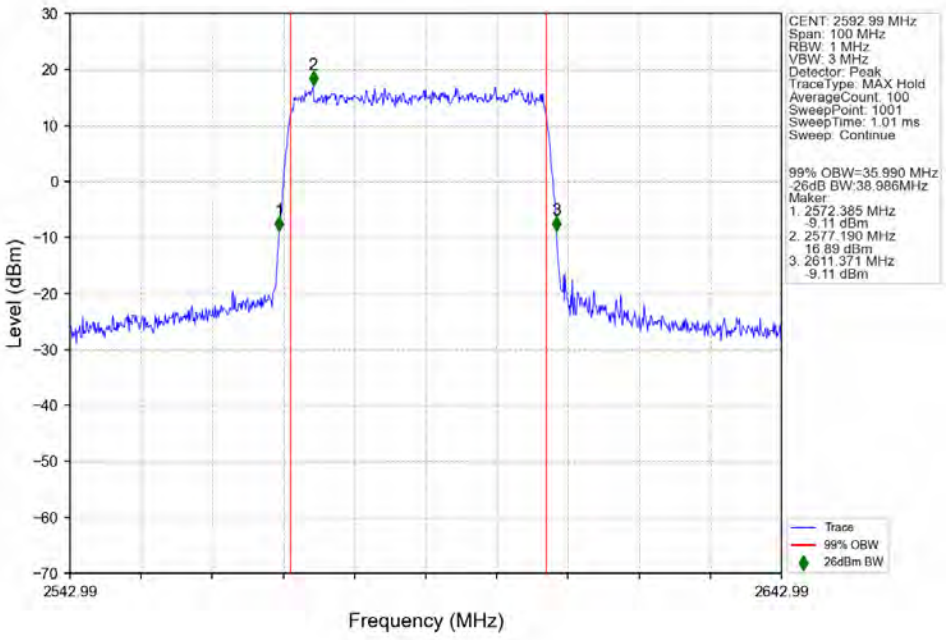


## 3.2.7 30_S_40M_NTNV

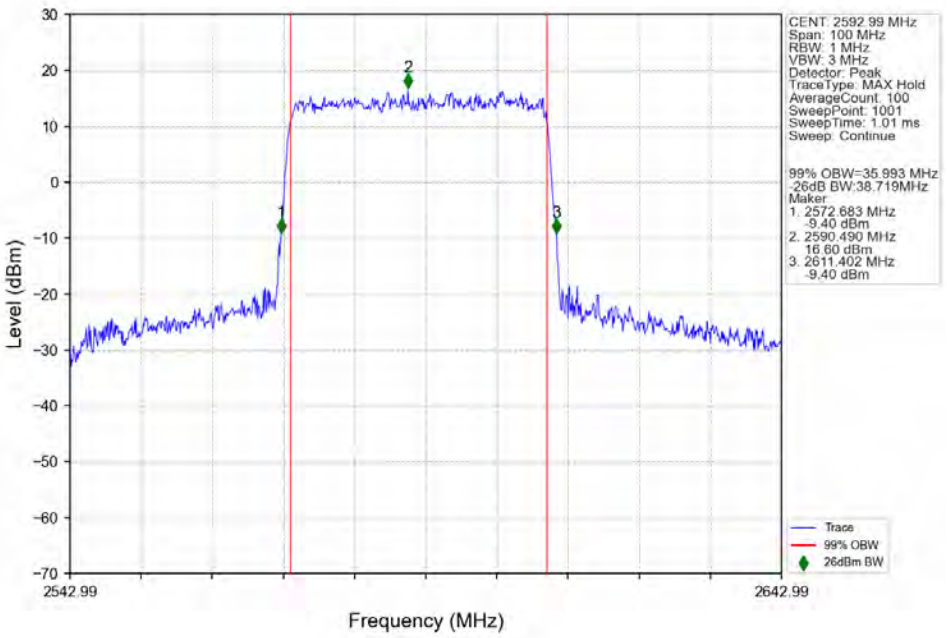
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



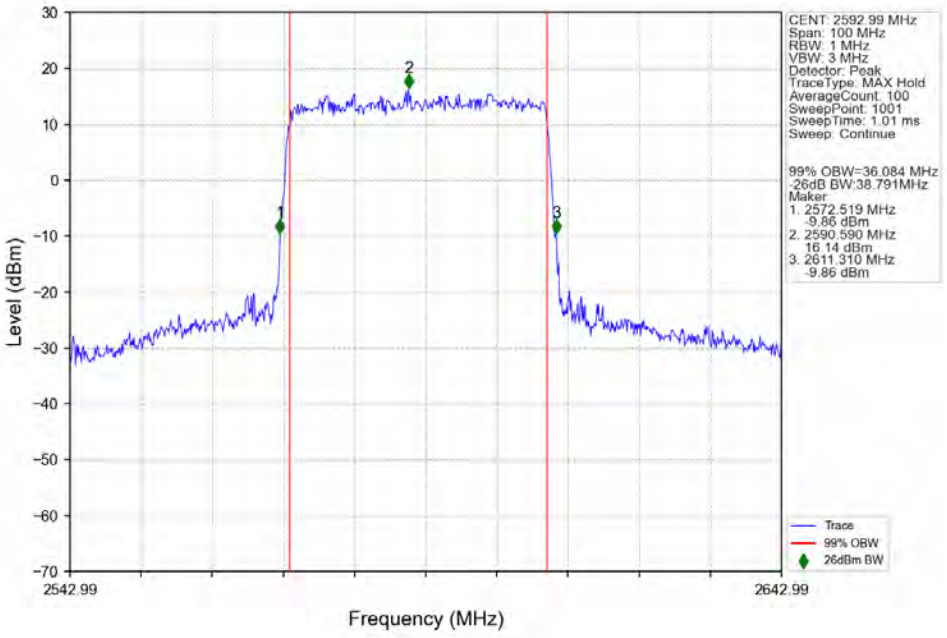

n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



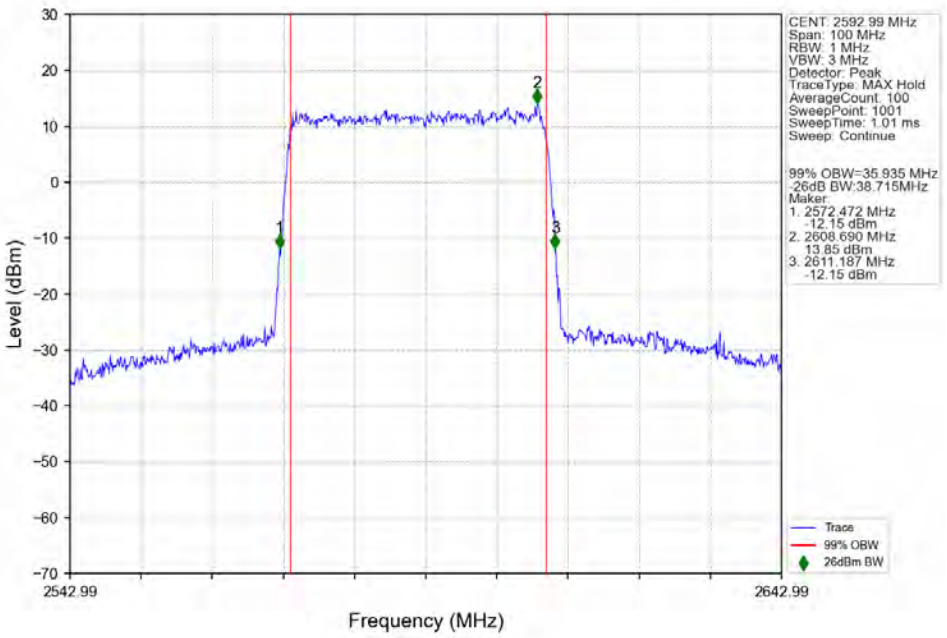
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



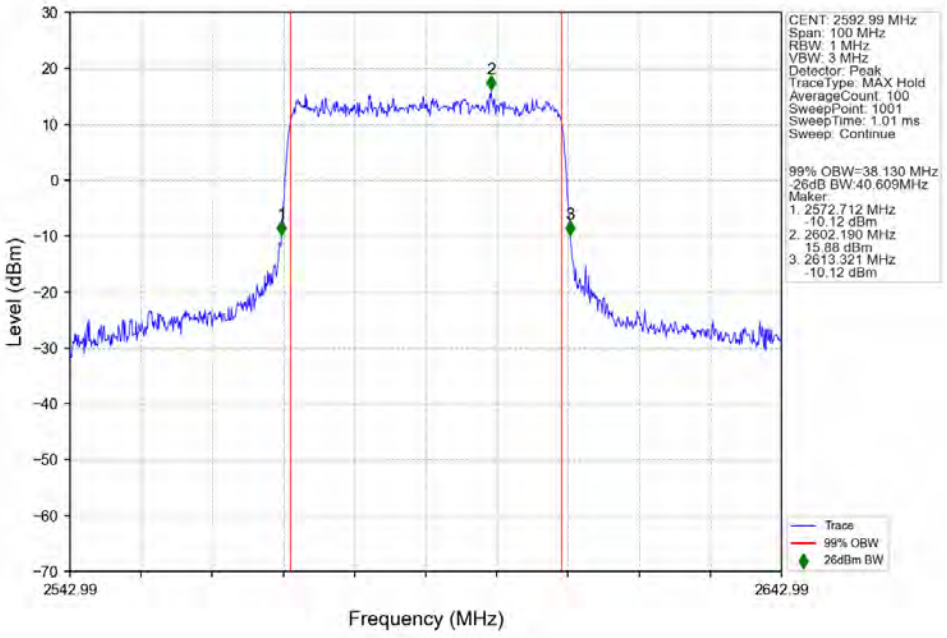

n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



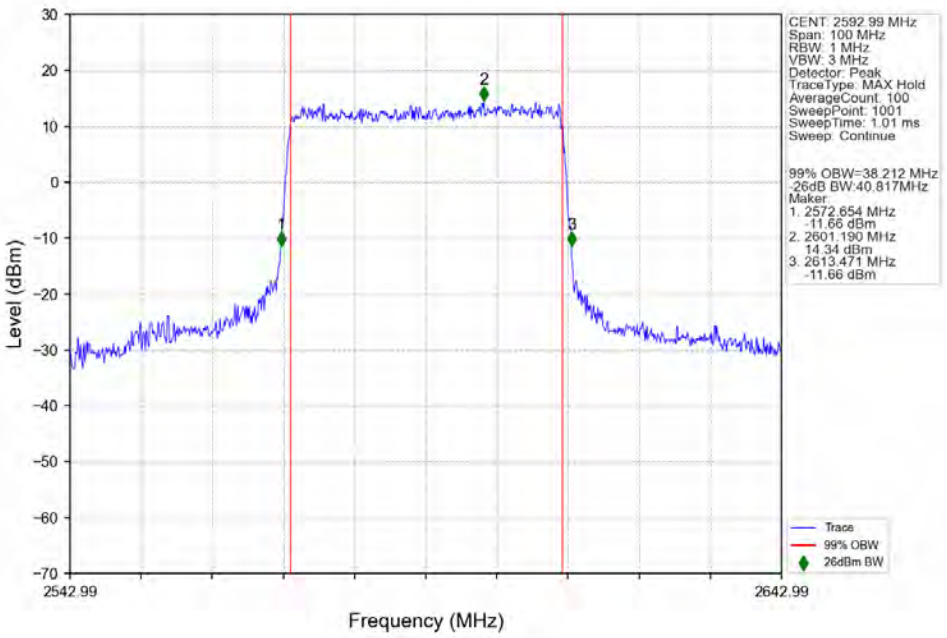
n41_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



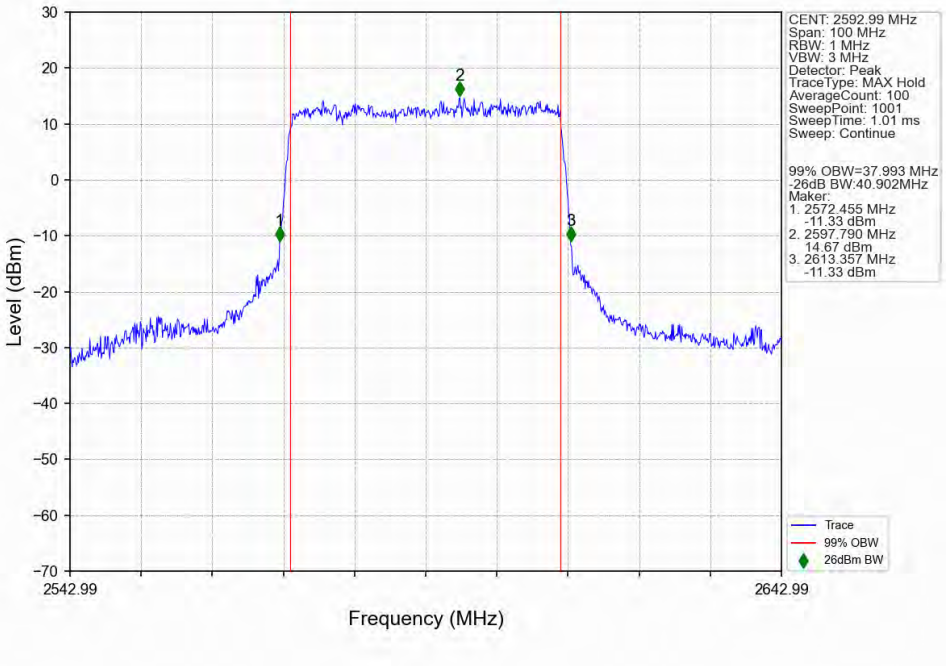

n41_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



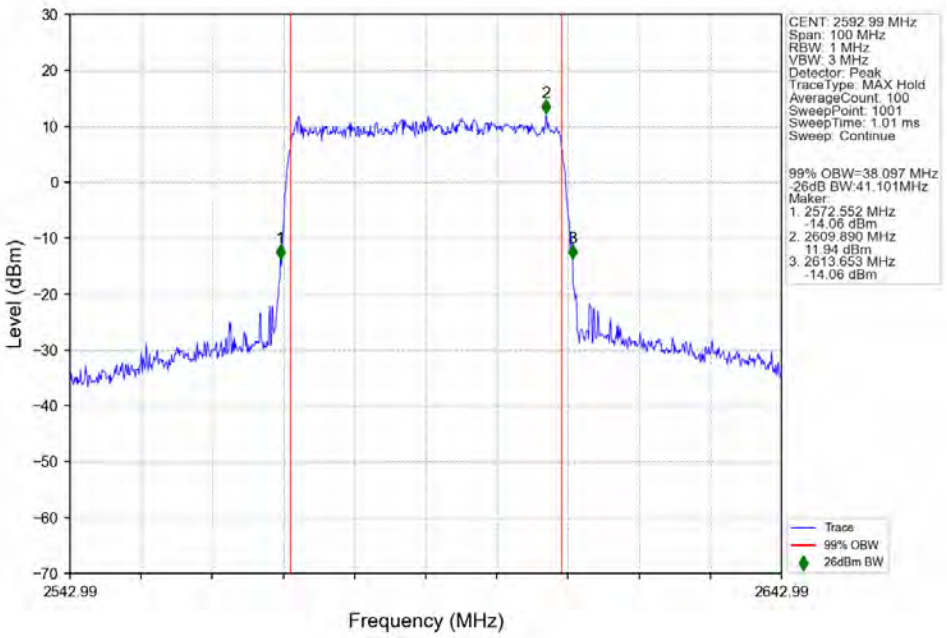
n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

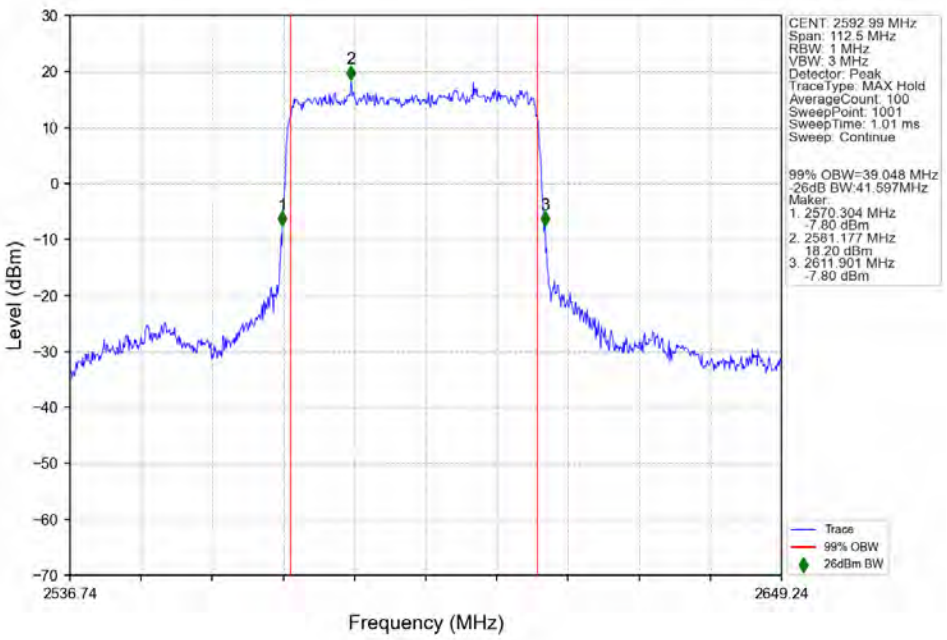


n41_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

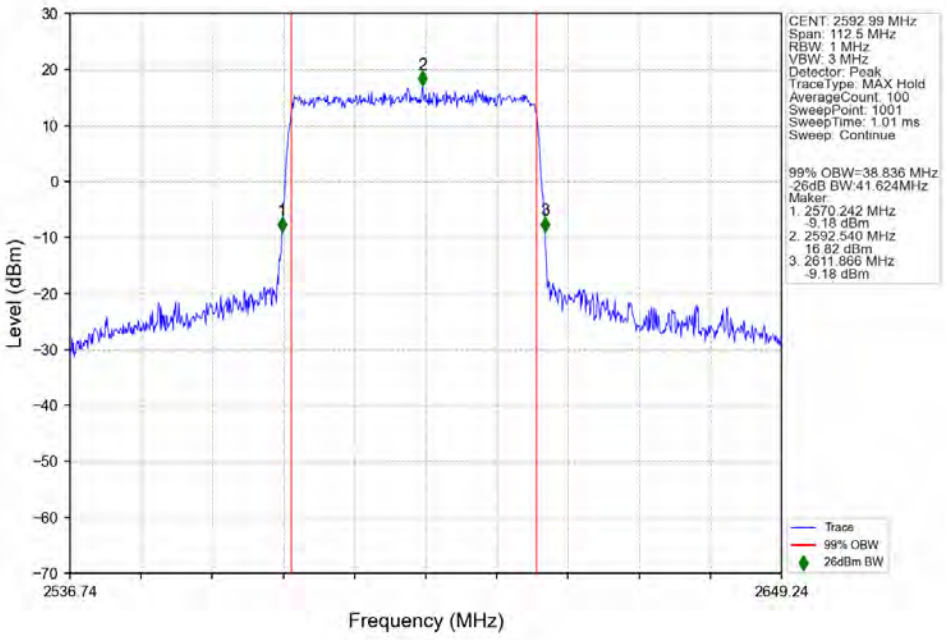


## 3.2.8 30_S_45M_NTNV

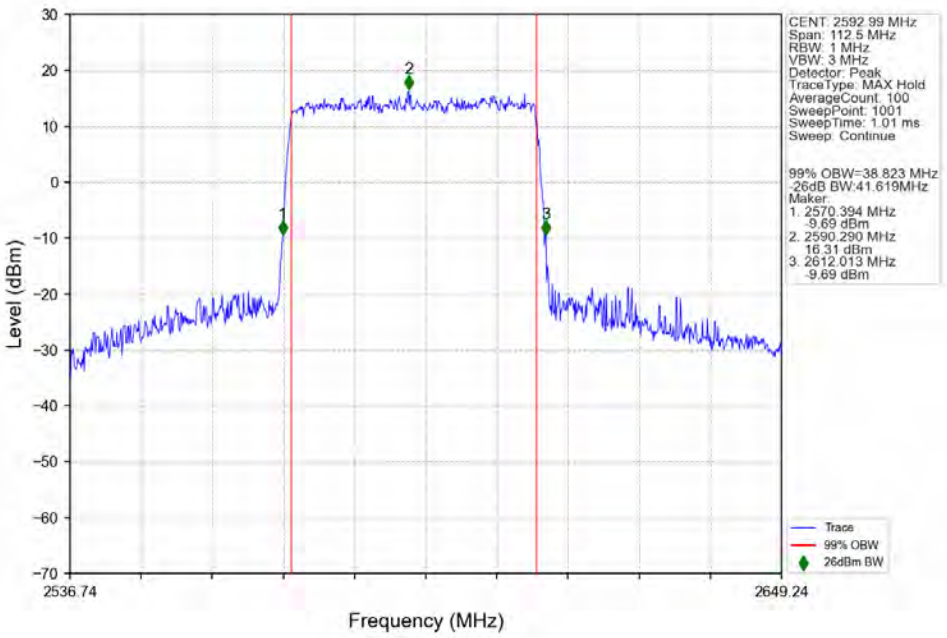
n41_30kHz_SISO_NTNV_45MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



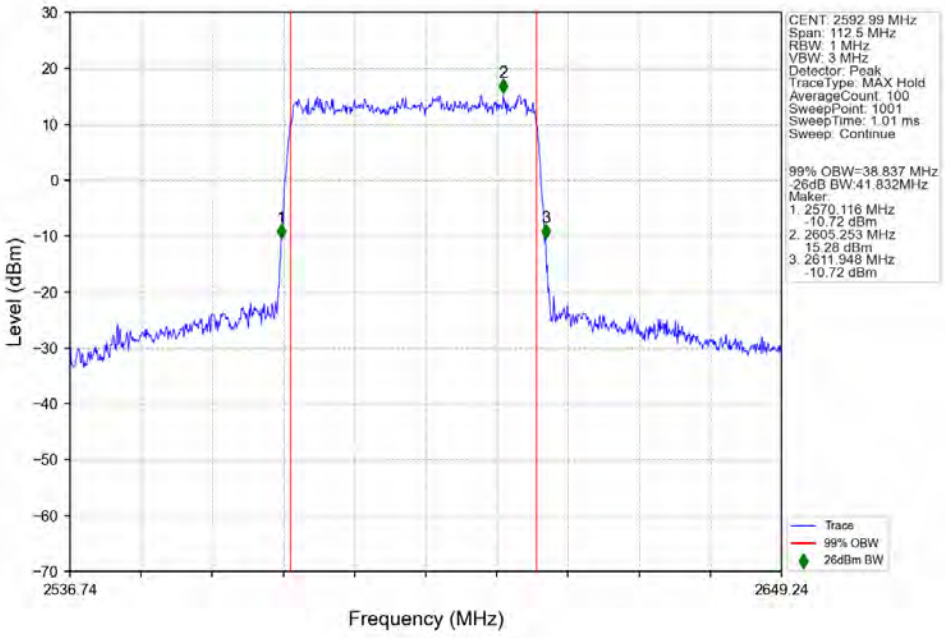

n41_30kHz_SISO_NTNV_45MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



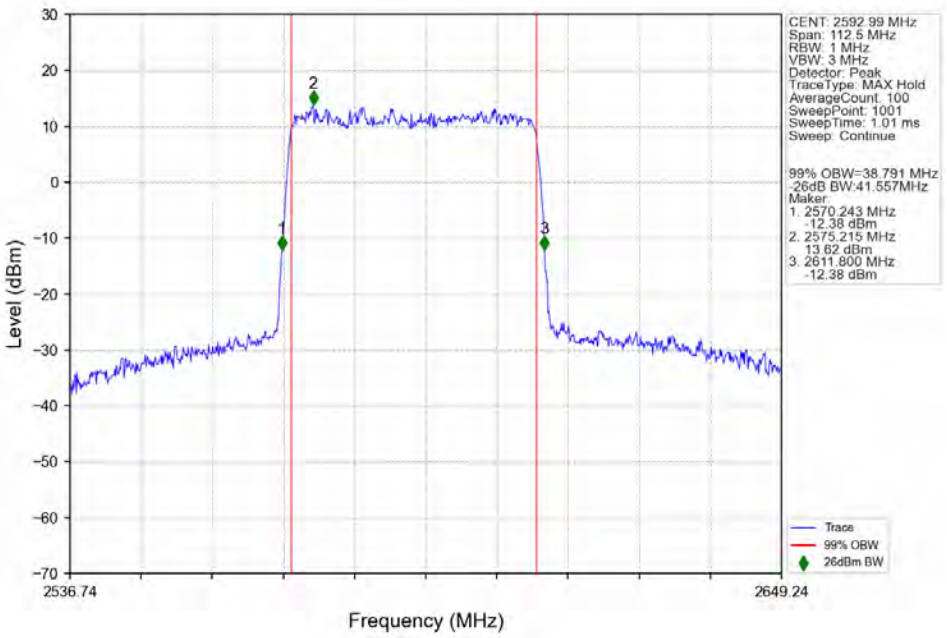
n41_30kHz_SISO_NTNV_45MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



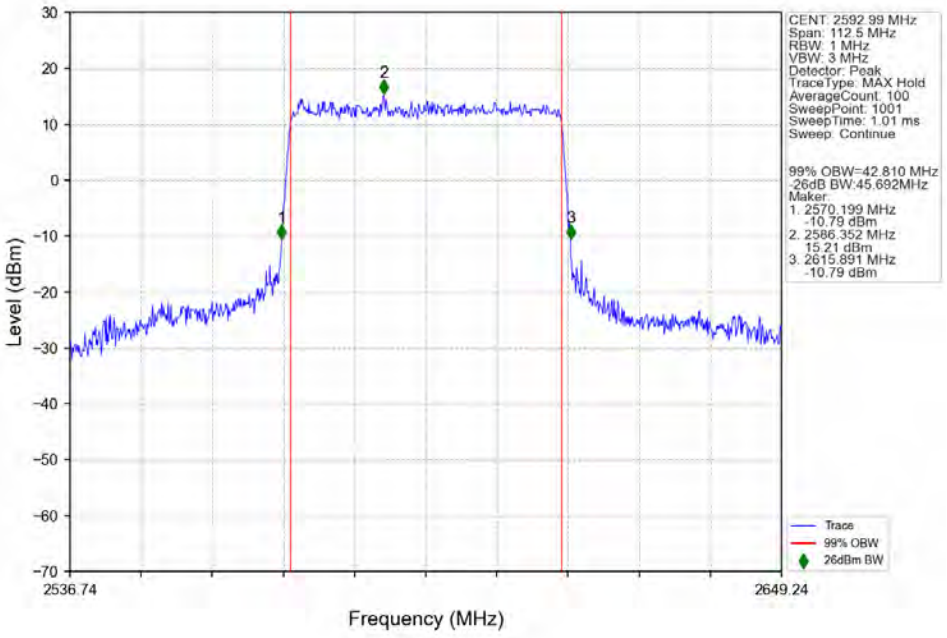

n41_30kHz_SISO_NTNV_45MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



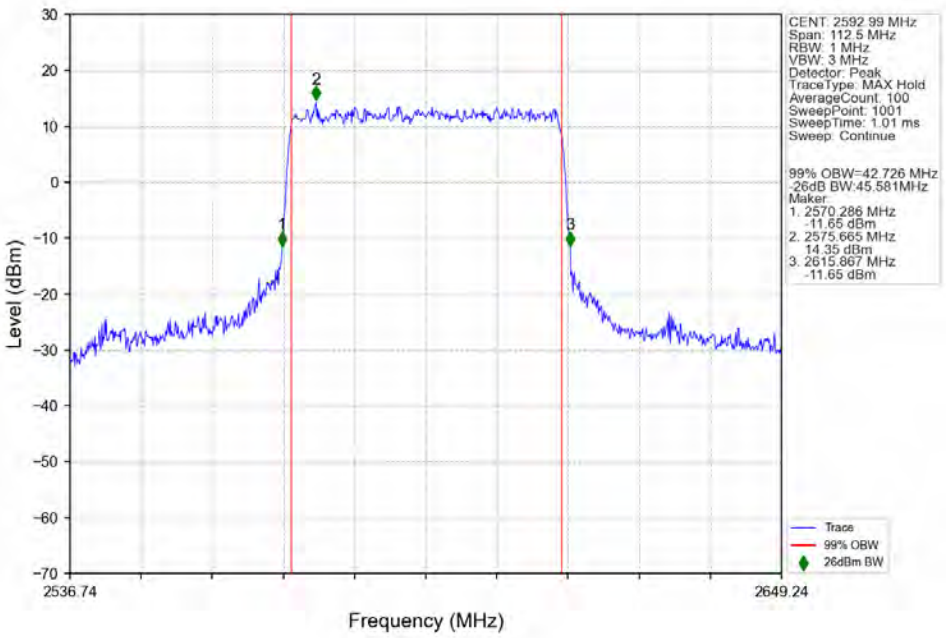
n41_30kHz_SISO_NTNV_45MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



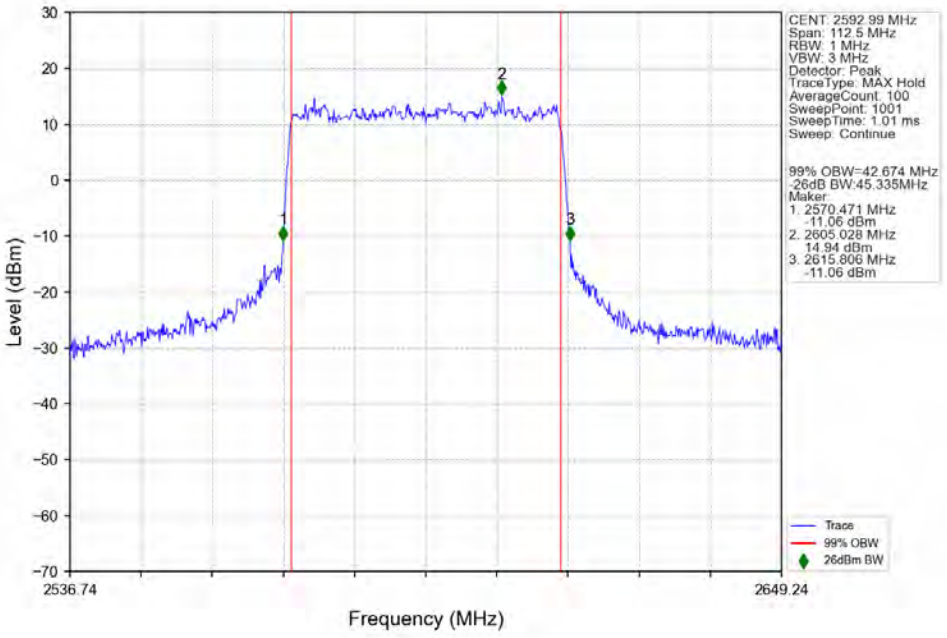

n41_30kHz_SISO_NTNV_45MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



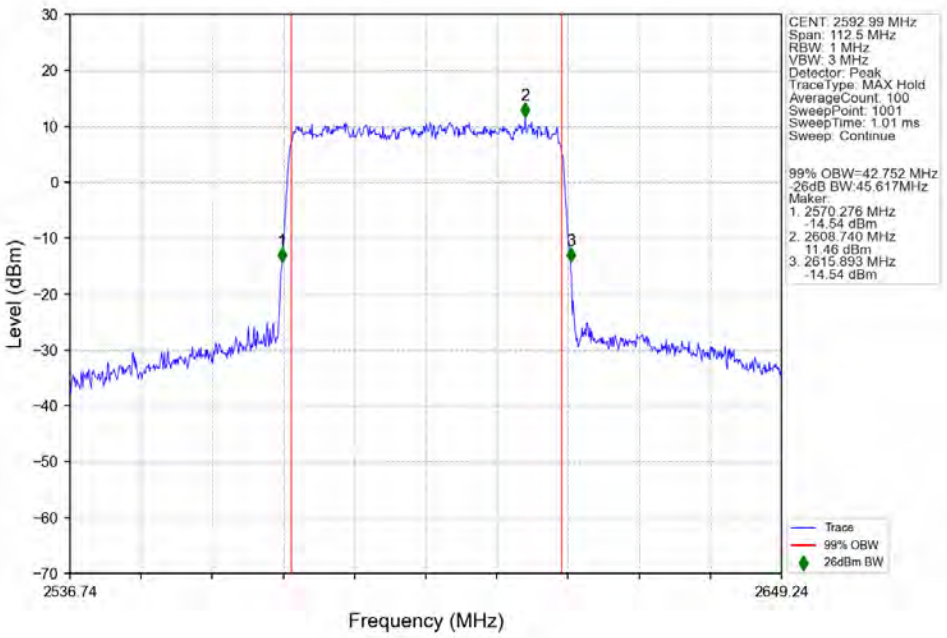
n41_30kHz_SISO_NTNV_45MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_45MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

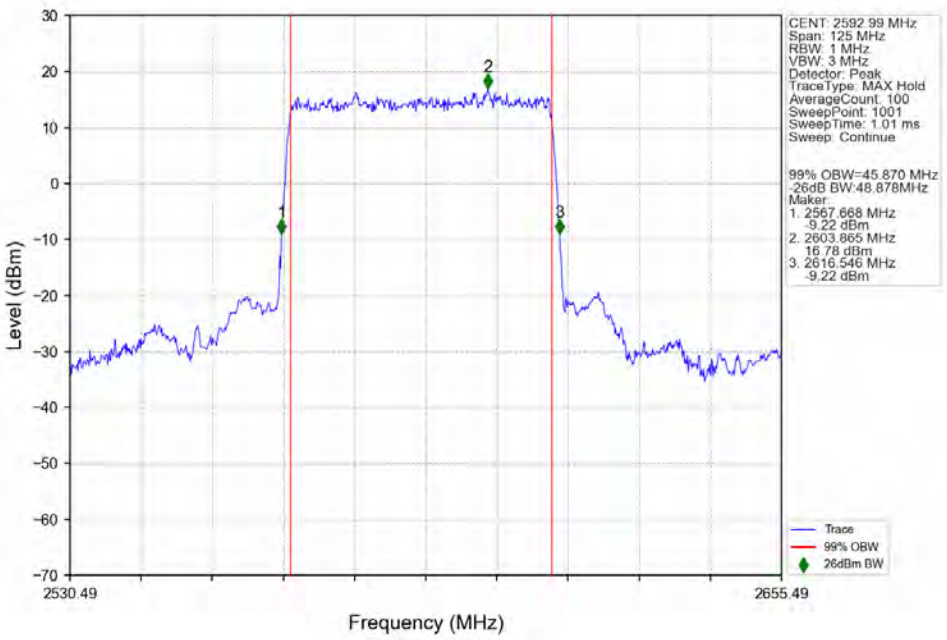


n41_30kHz_SISO_NTNV_45MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

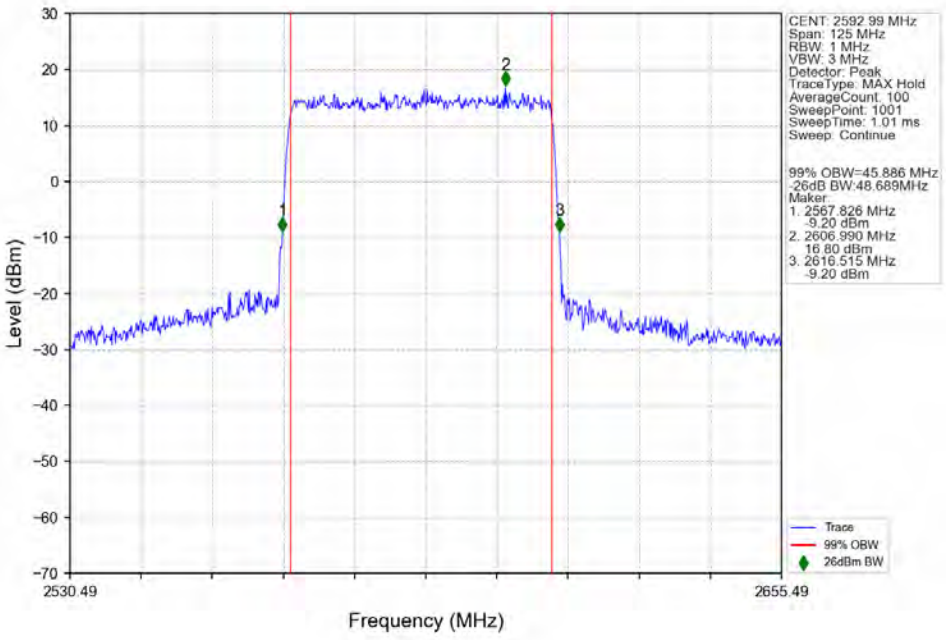


## 3.2.9 30_S_50M_NTNV

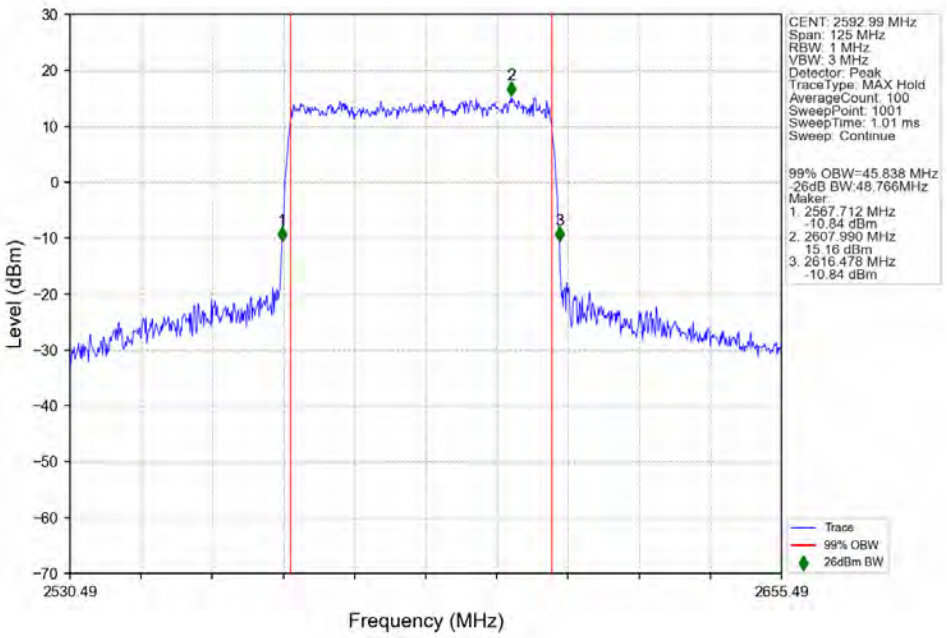
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



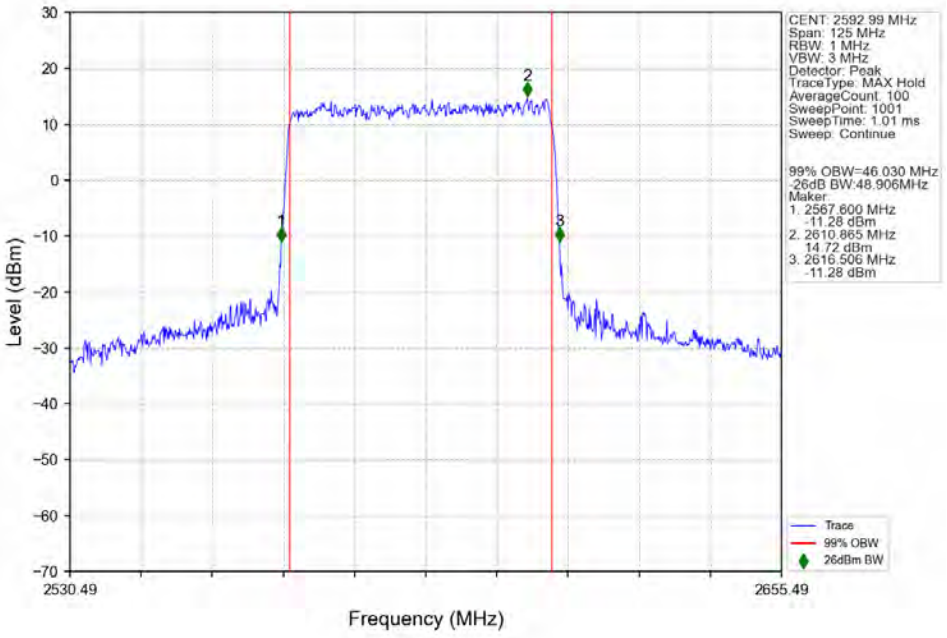

n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



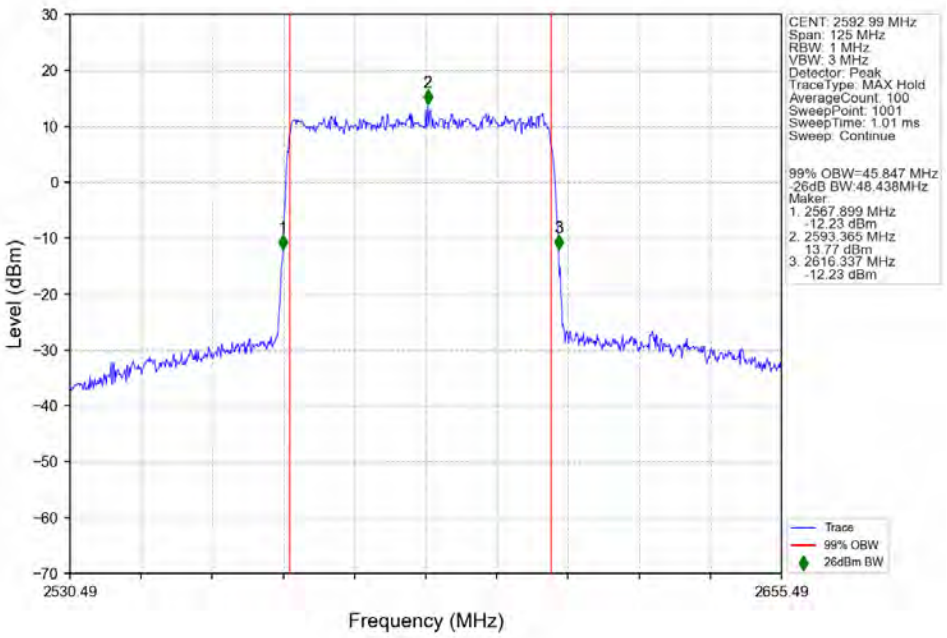
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



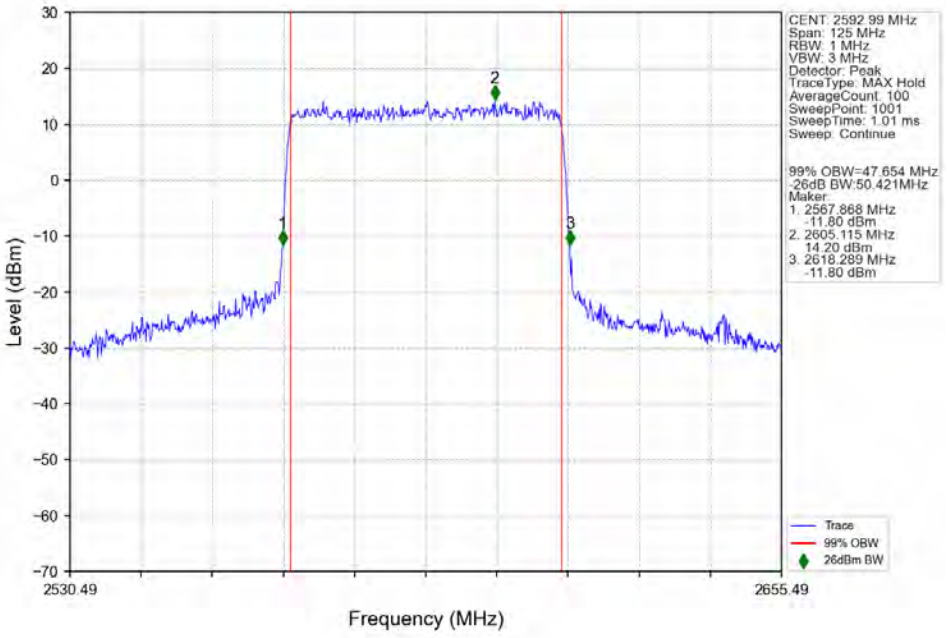

n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



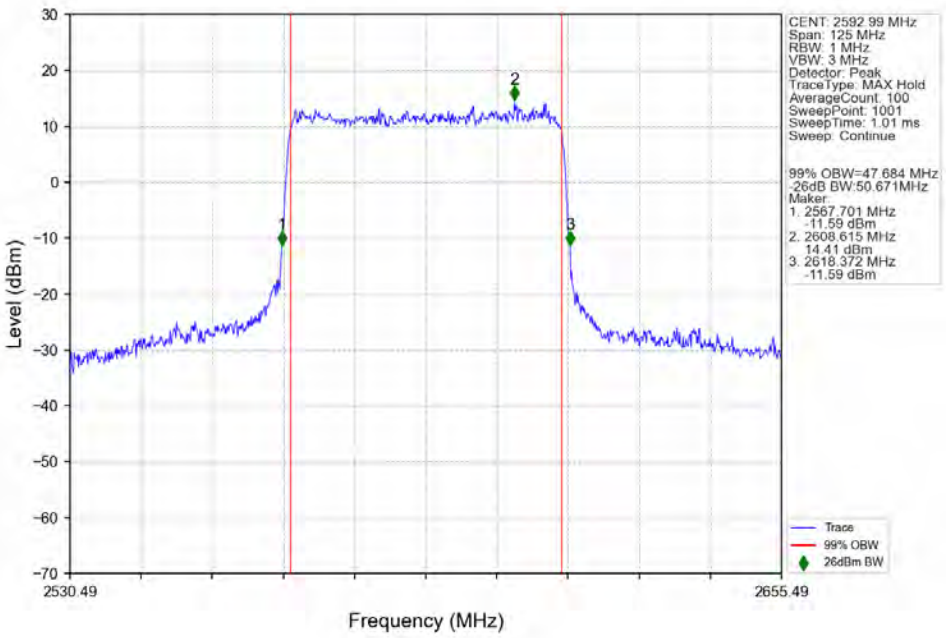
n41_30kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



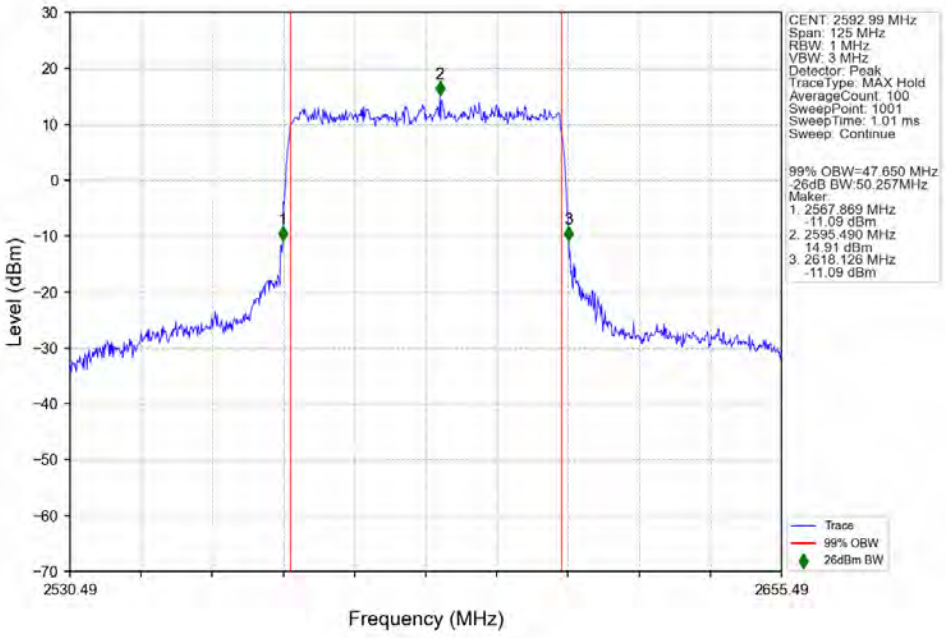

n41_30kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



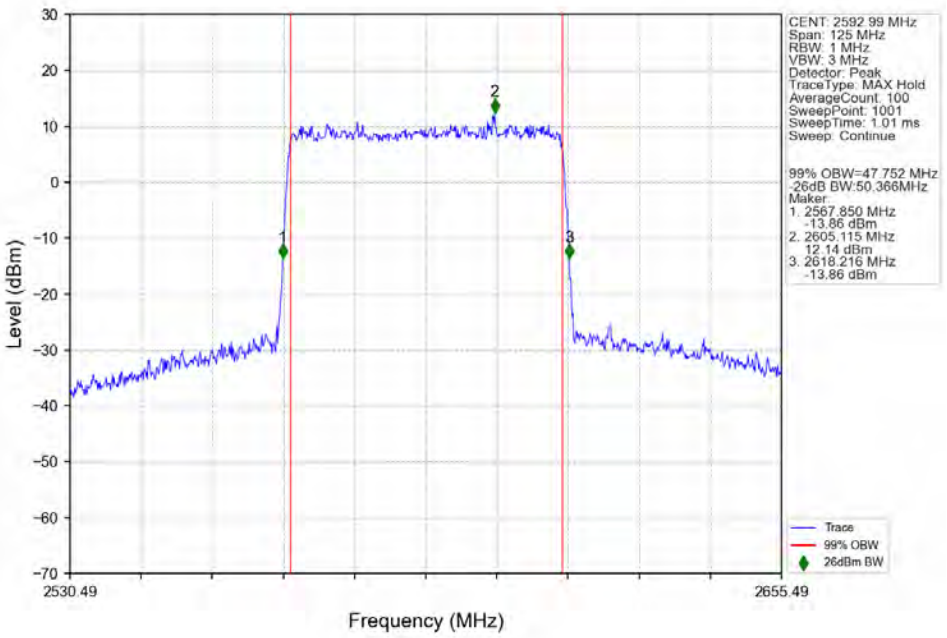
n41_30kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

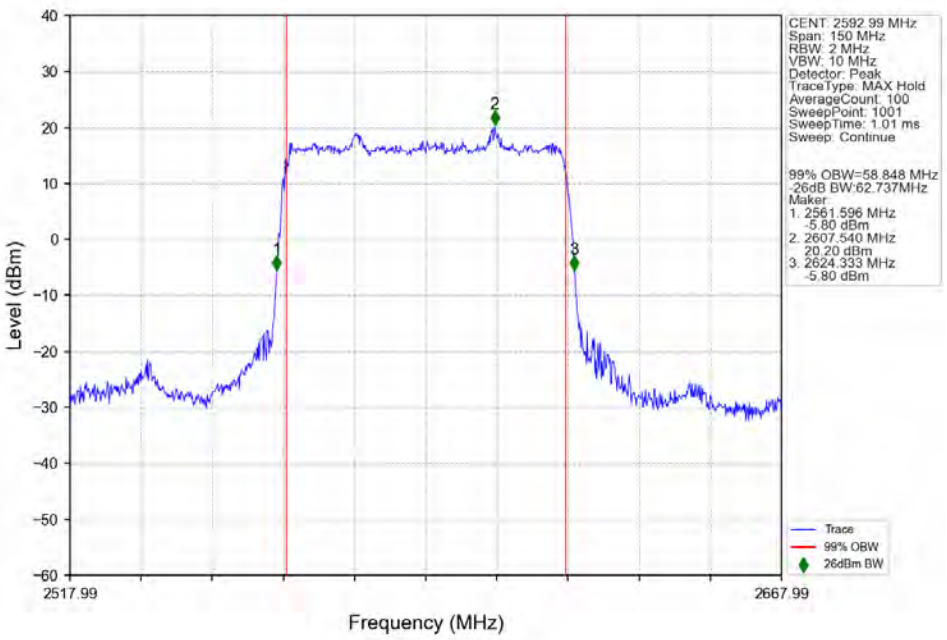


n41_30kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

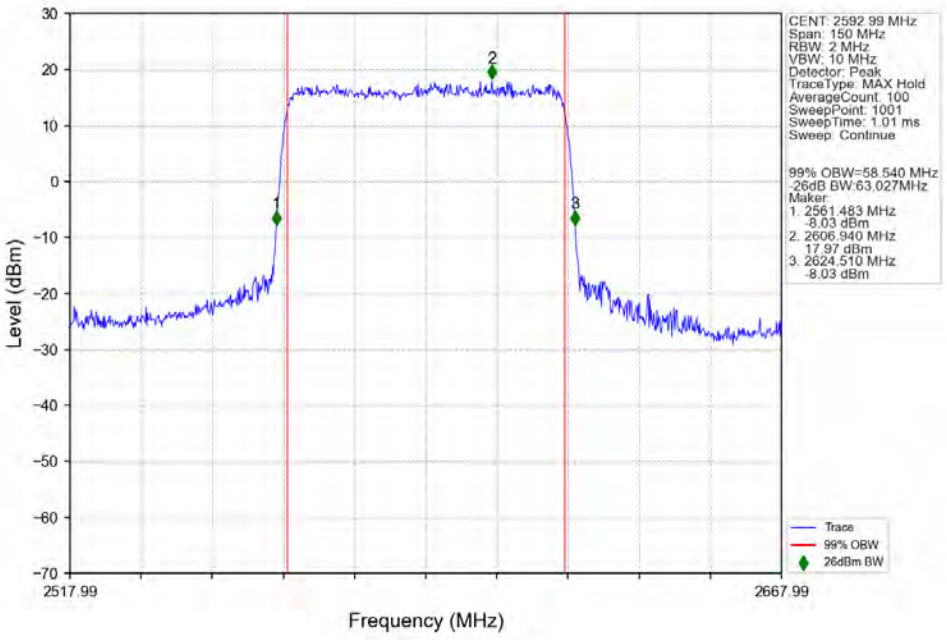


## 3.2.10 30_S_60M_NTNV

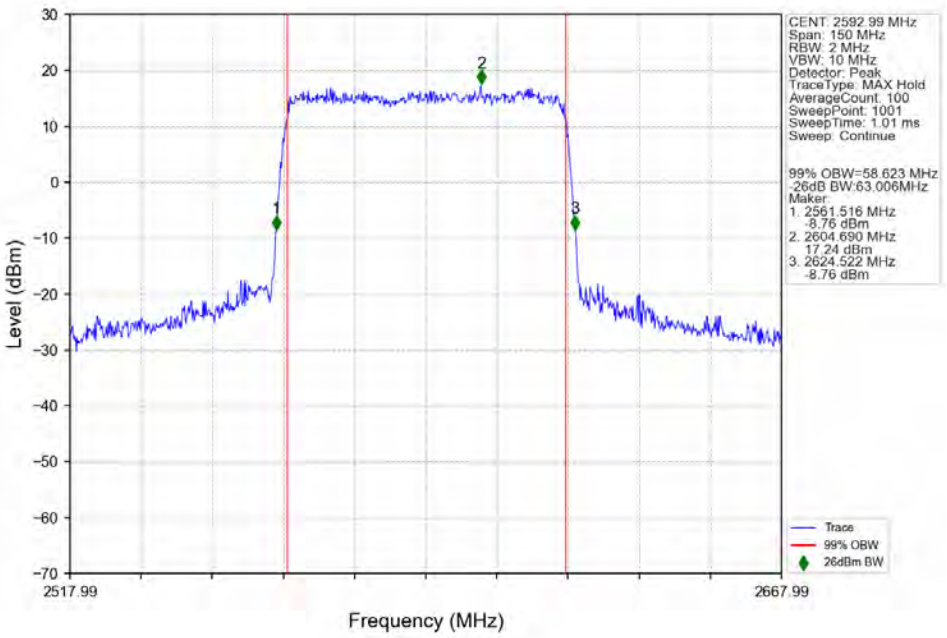
n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



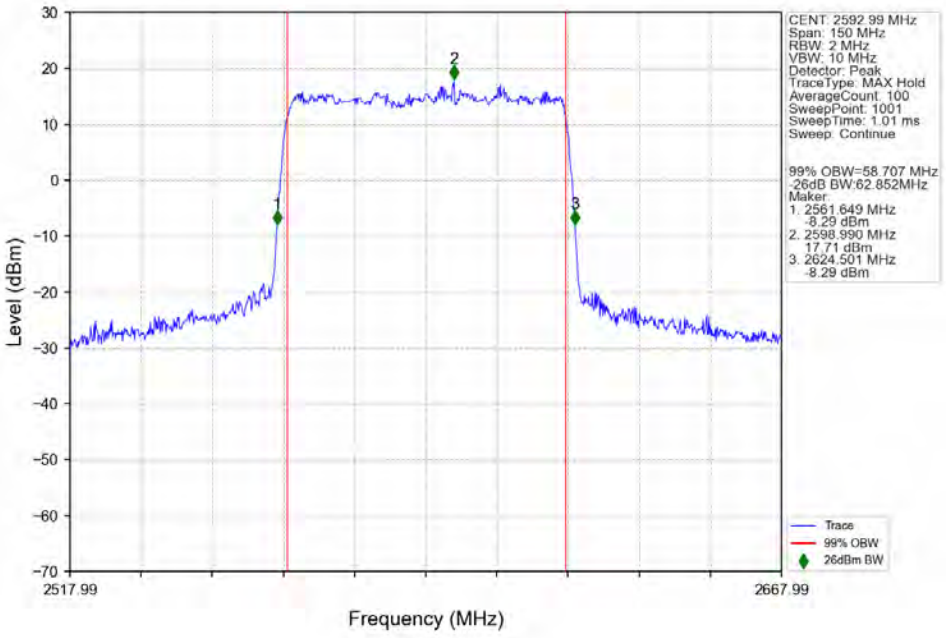

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



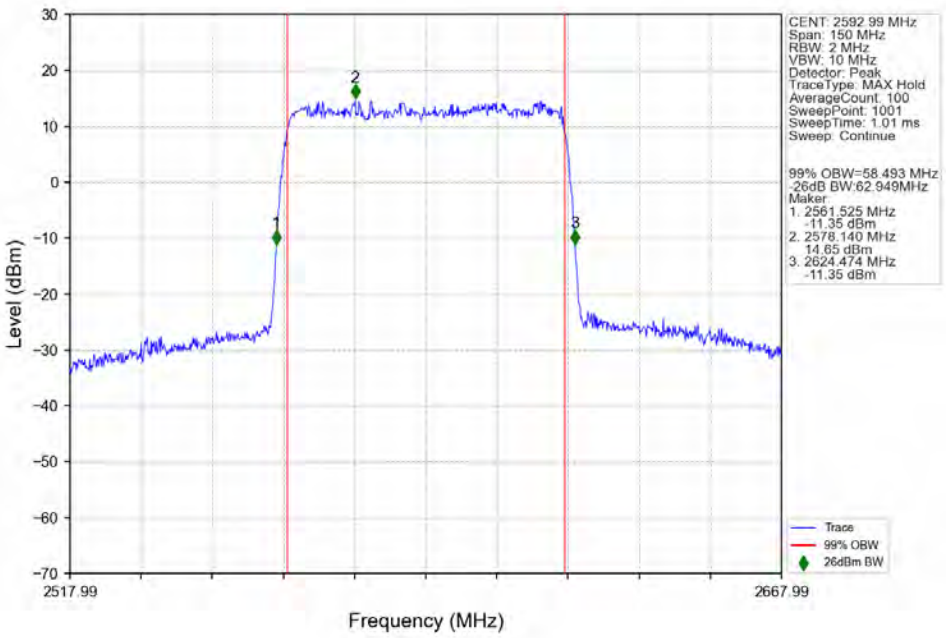
n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



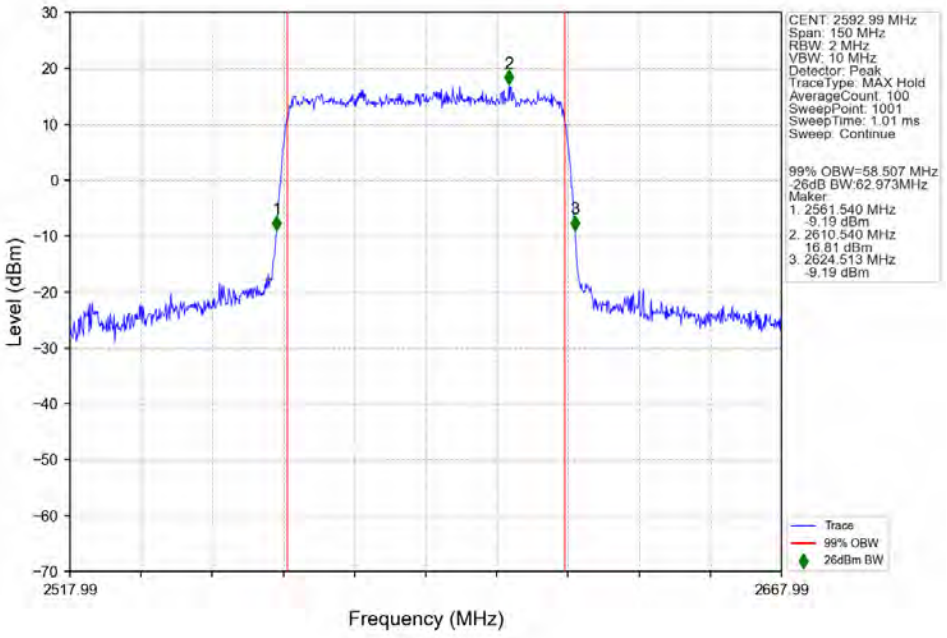

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



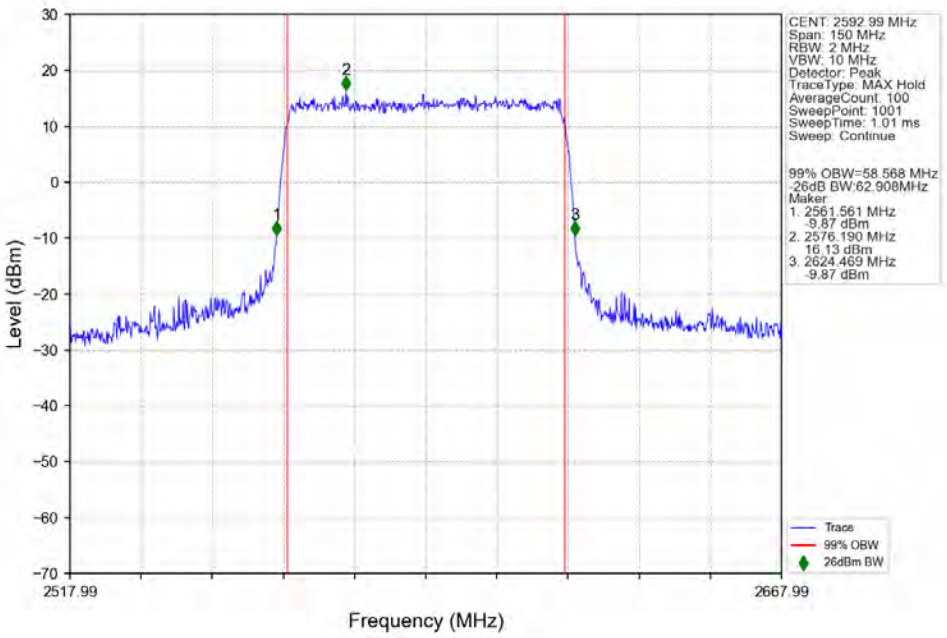
n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



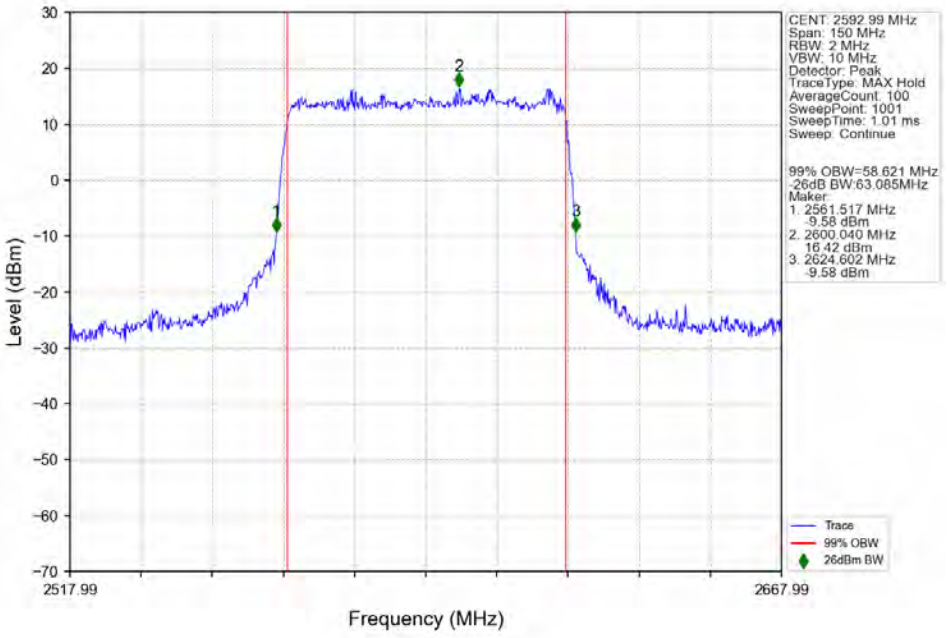

n41_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



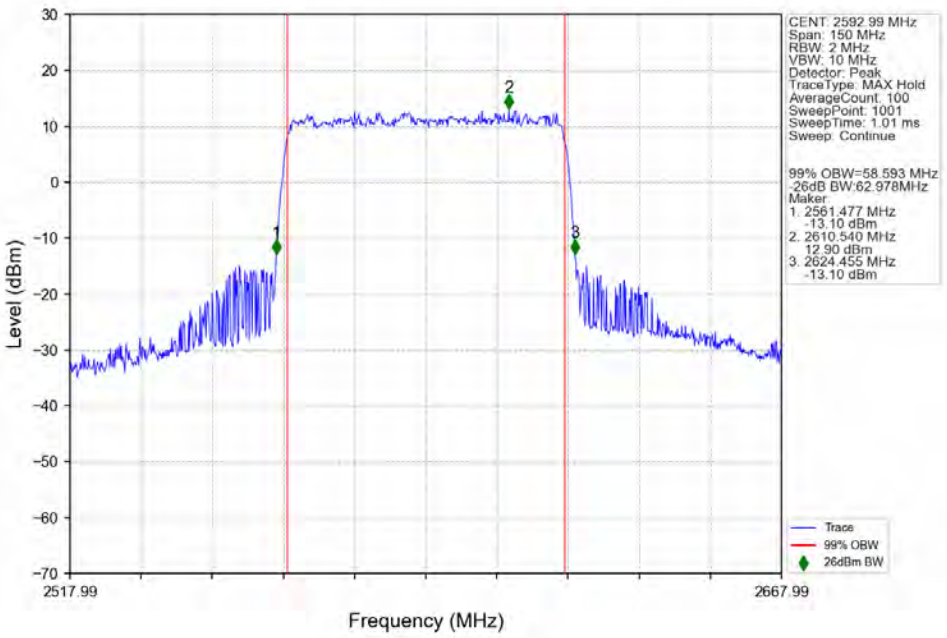
n41_30kHz_SISO_NTNV_60MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_60MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

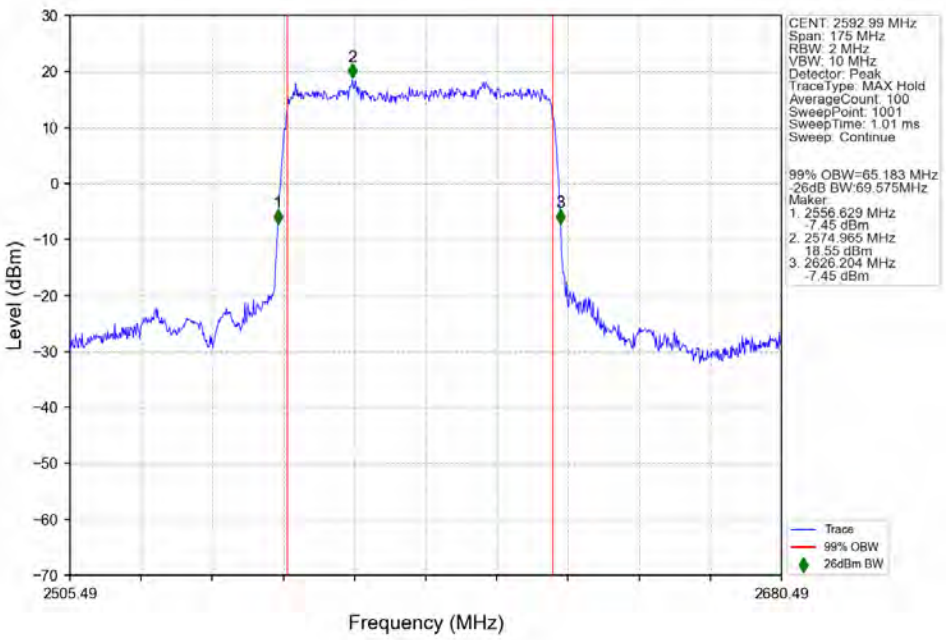


n41_30kHz_SISO_NTNV_60MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

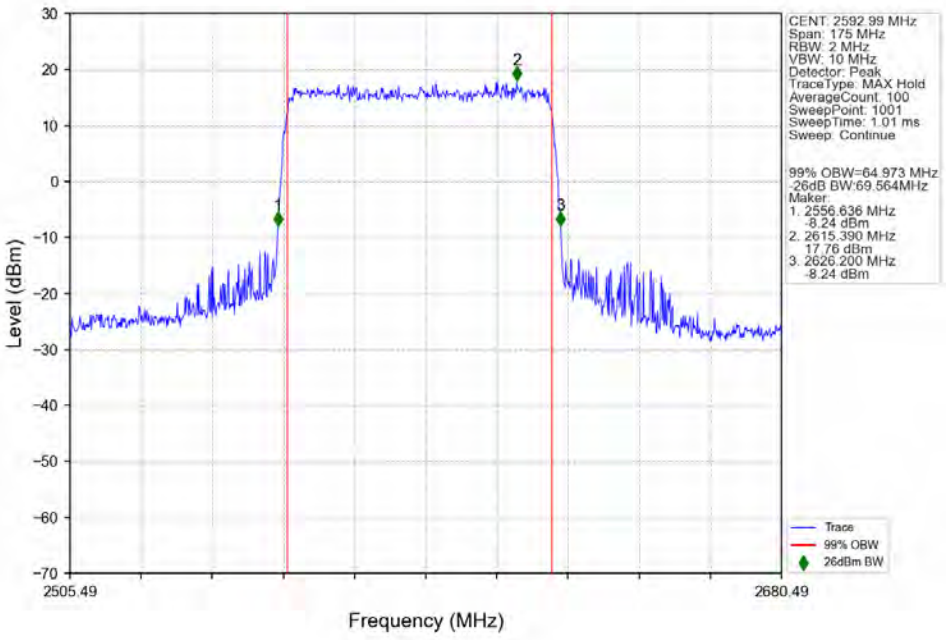


## 3.2.11 30_S_70M_NTNV

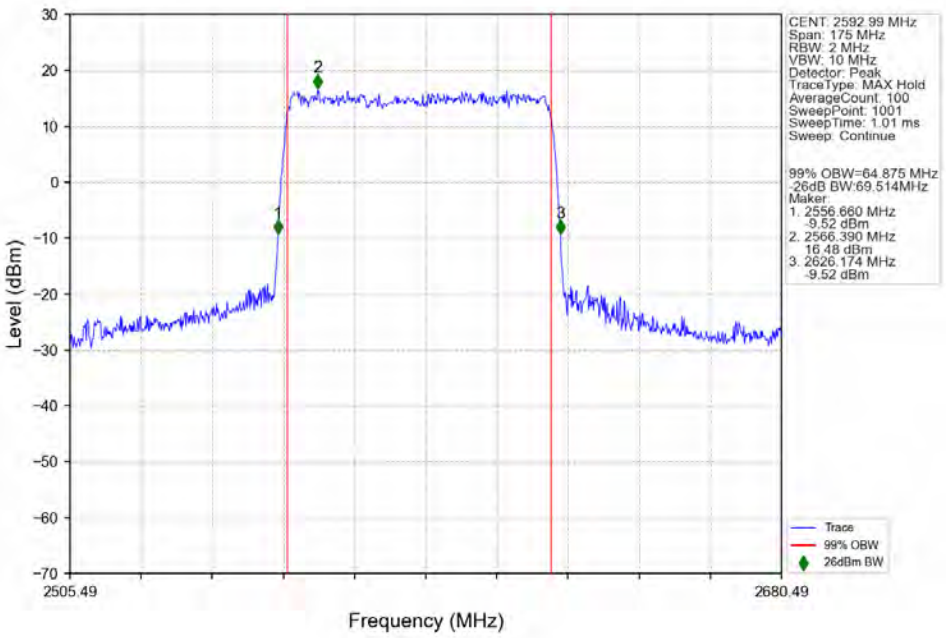
n41_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



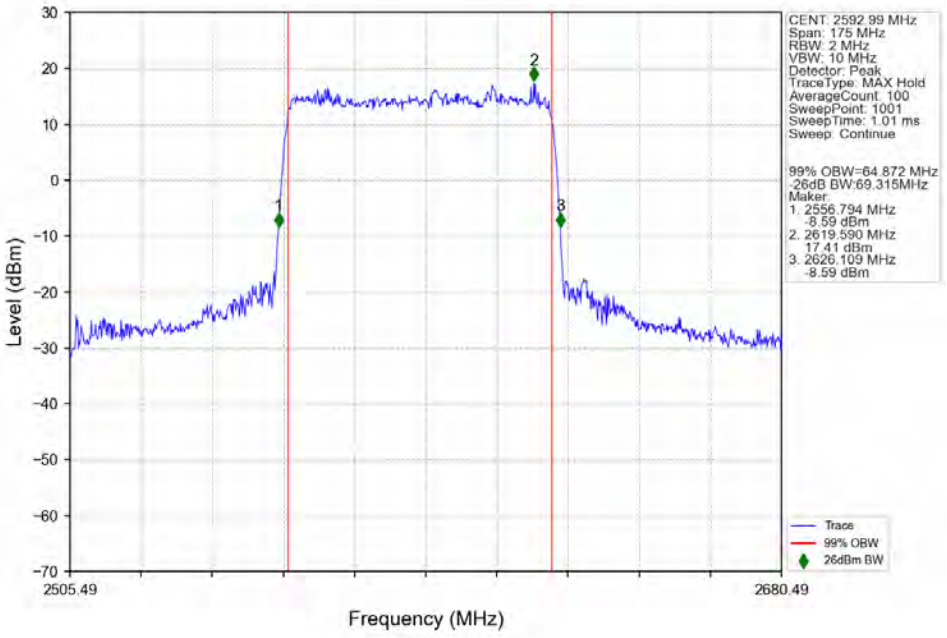

n41_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



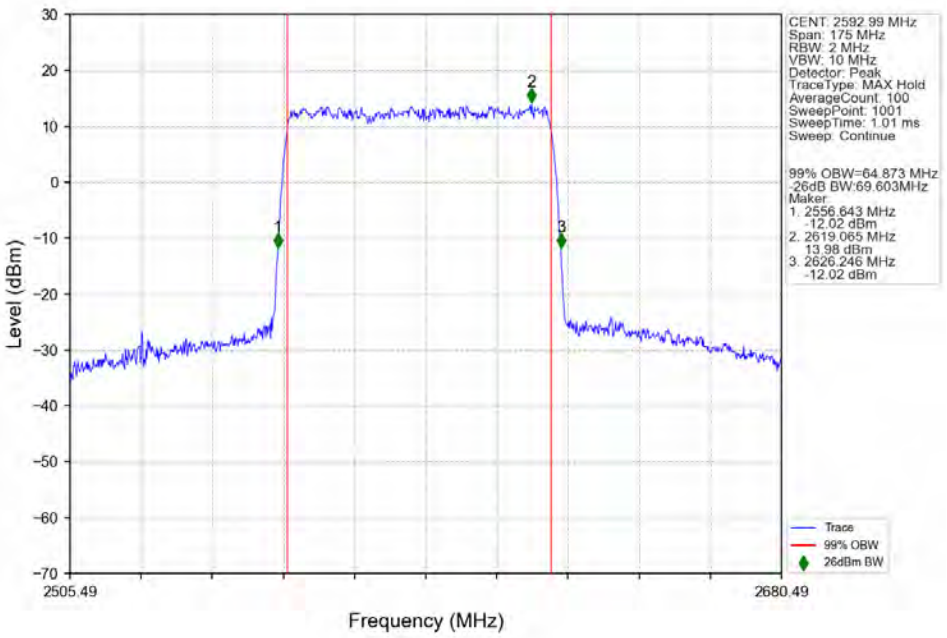
n41_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



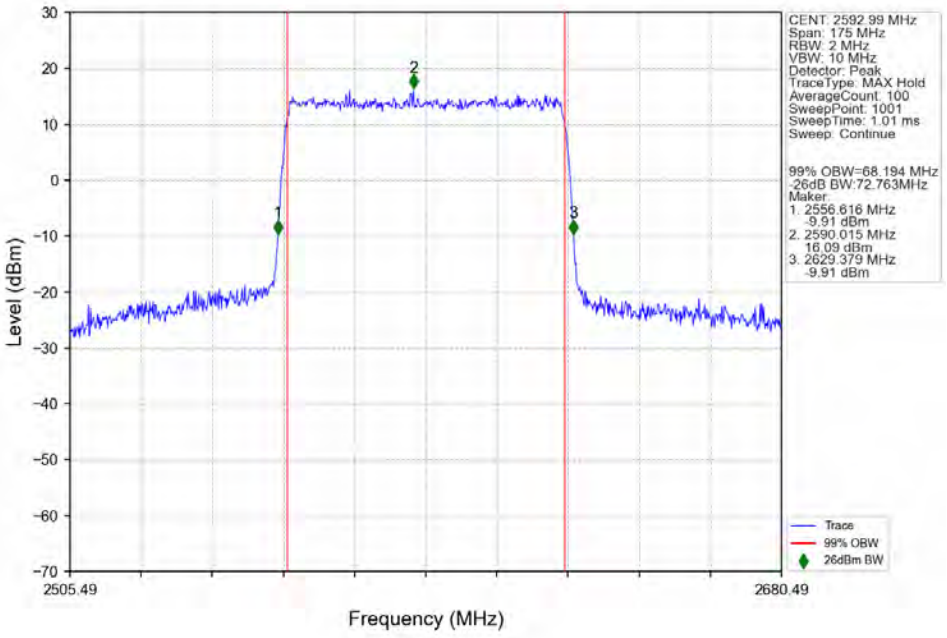

n41_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



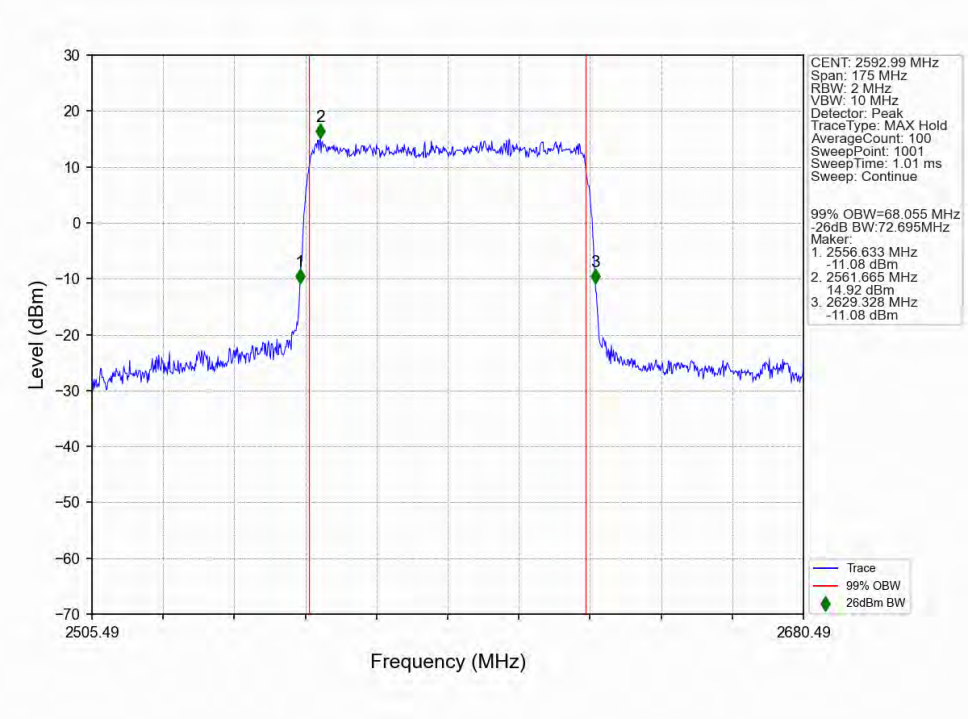
n41_30kHz_SISO_NTNV_70MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



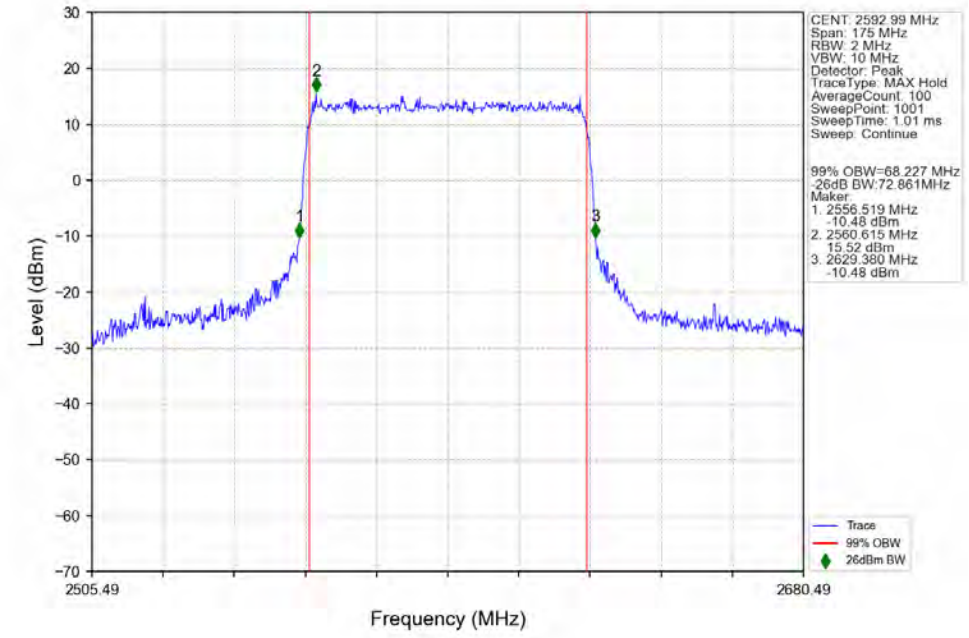

n41_30kHz_SISO_NTNV_70MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



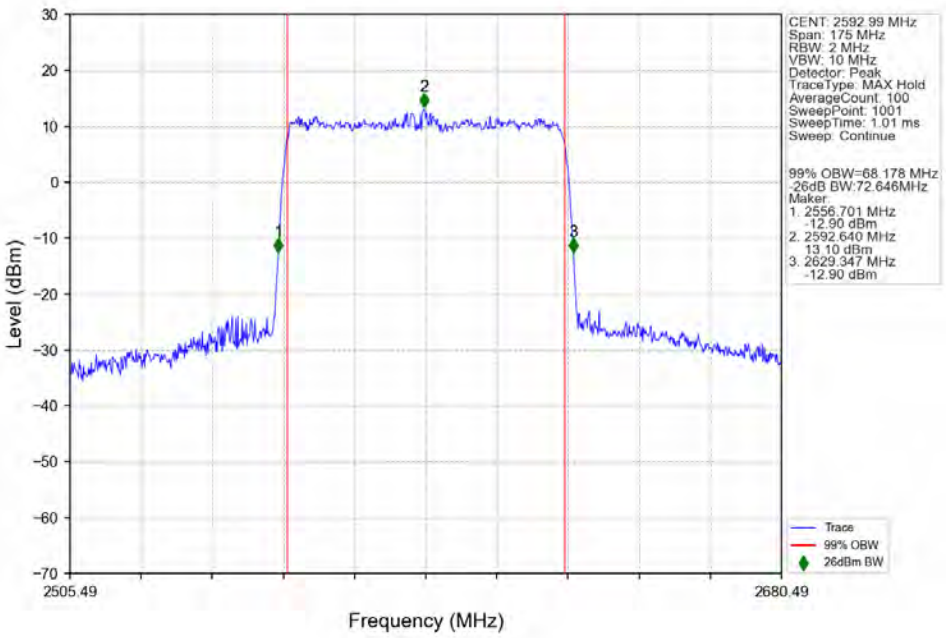
n41_30kHz_SISO_NTNV_70MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_70MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

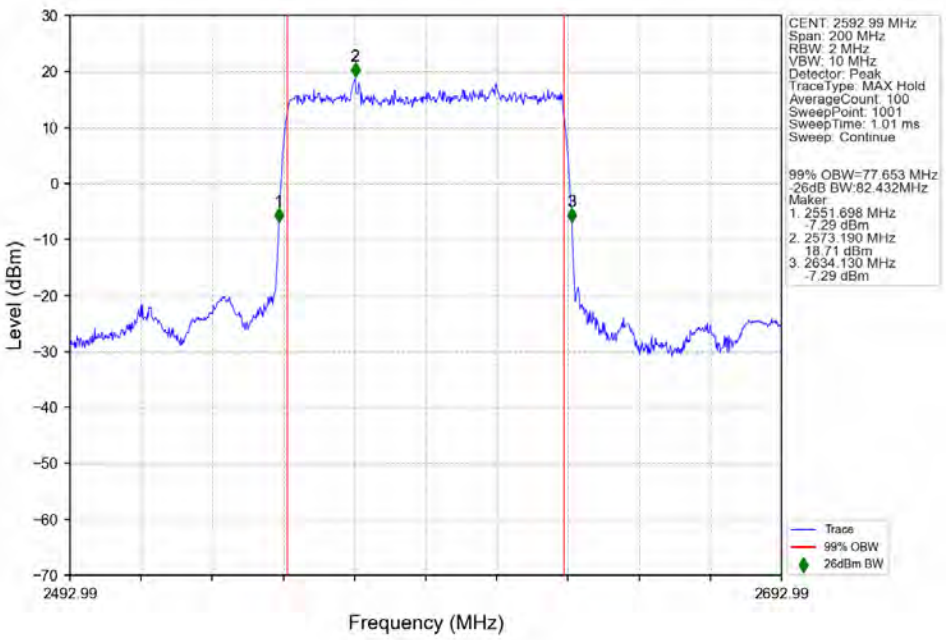


n41_30kHz_SISO_NTNV_70MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

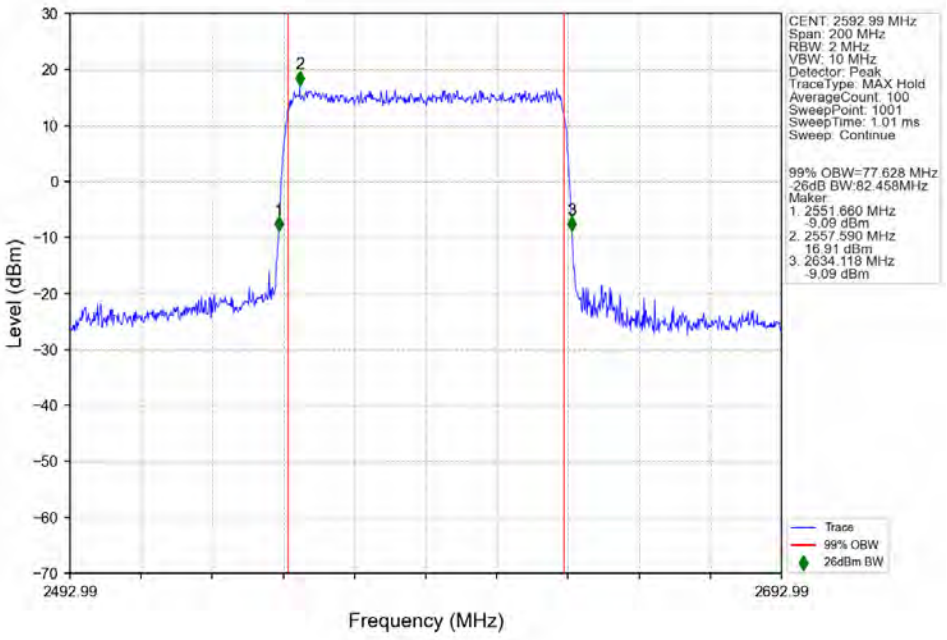


## 3.2.12 30_S_80M_NTNV

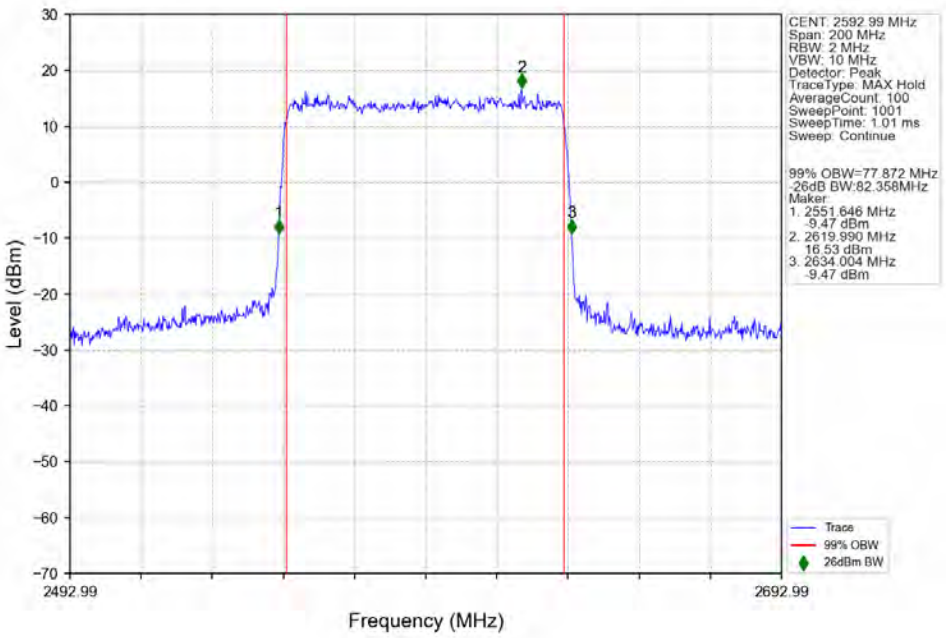
n41_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



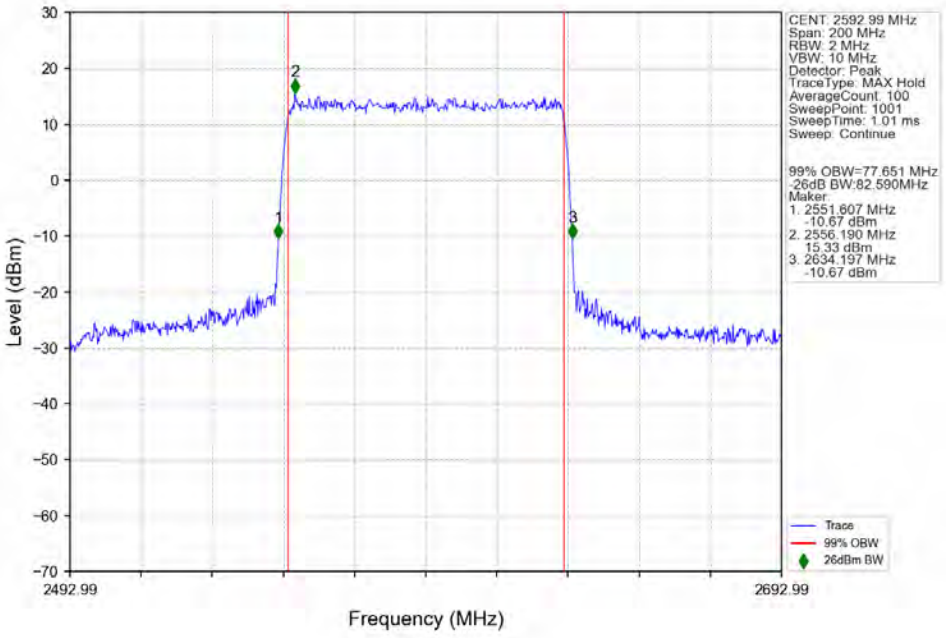

n41_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



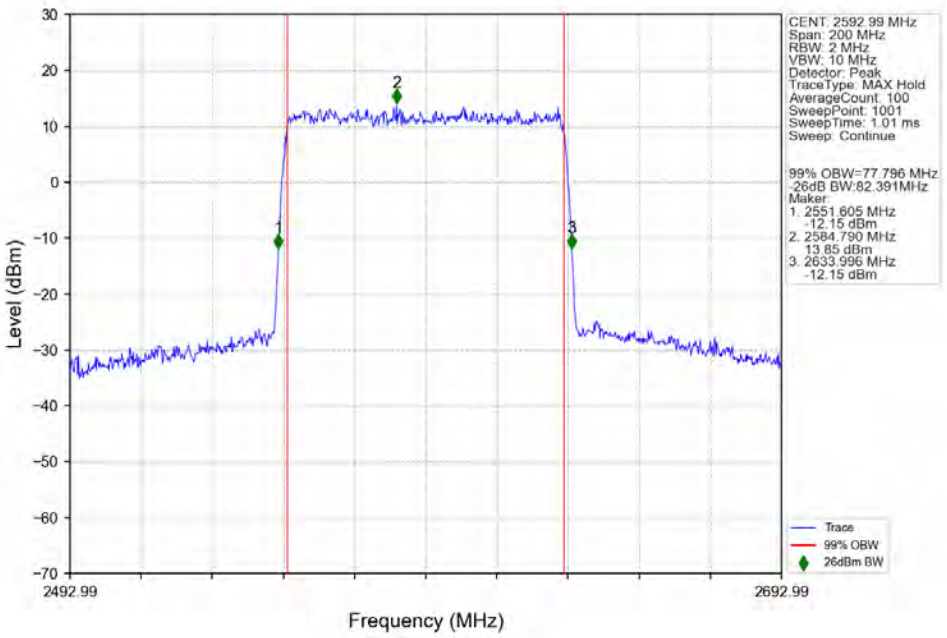
n41_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



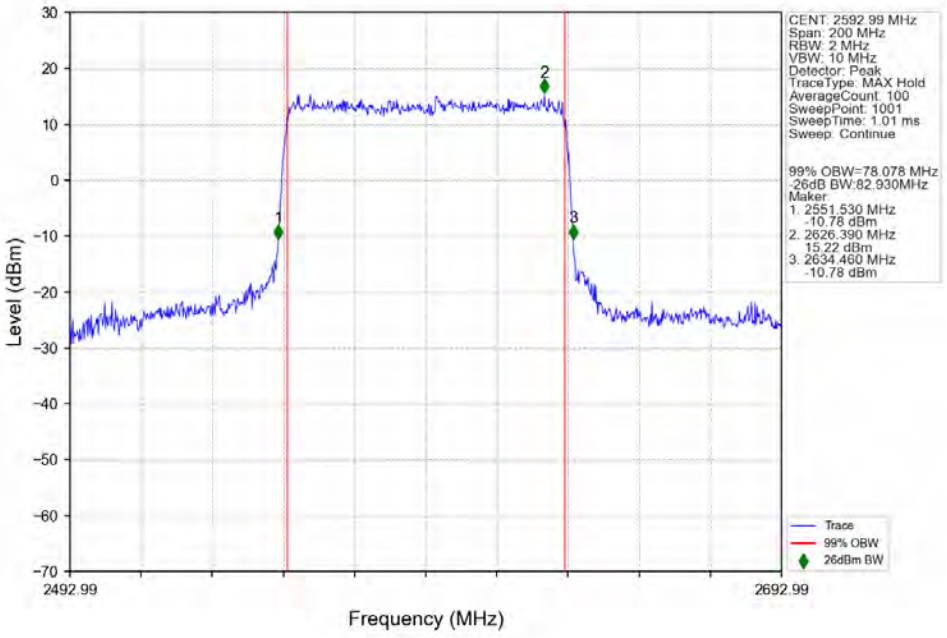

n41_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



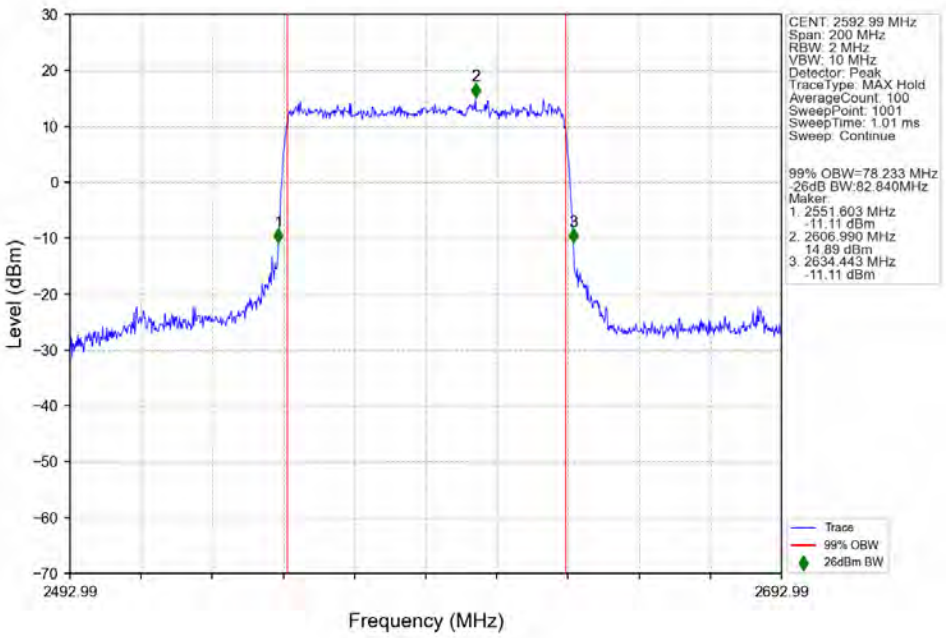
n41_30kHz_SISO_NTNV_80MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



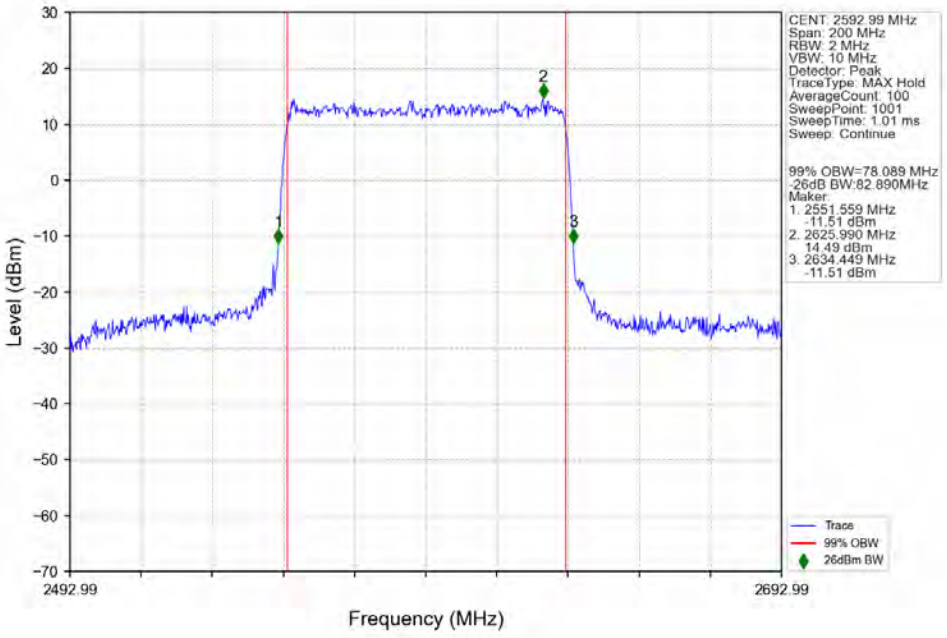

n41_30kHz_SISO_NTNV_80MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



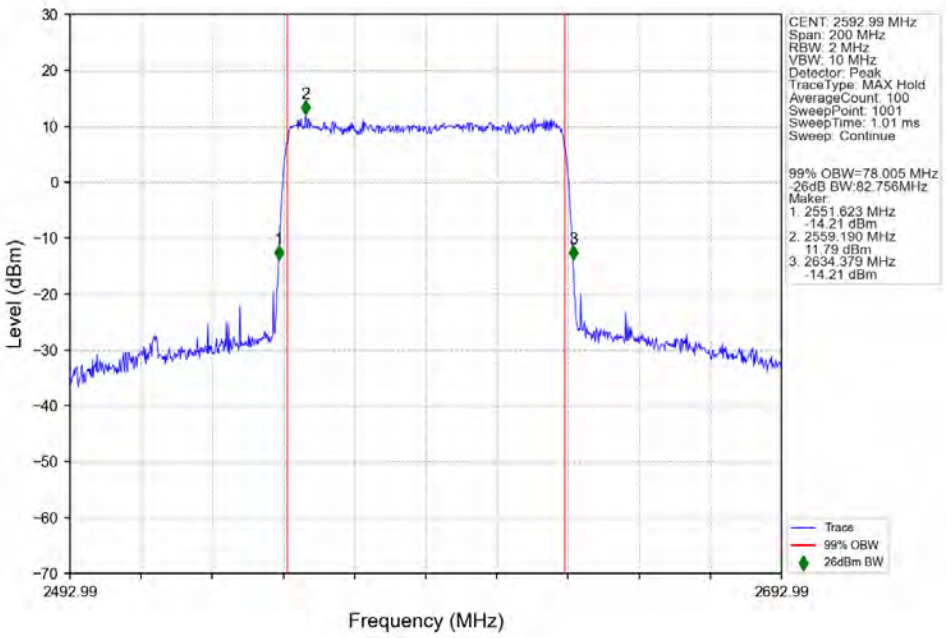
n41_30kHz_SISO_NTNV_80MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_80MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

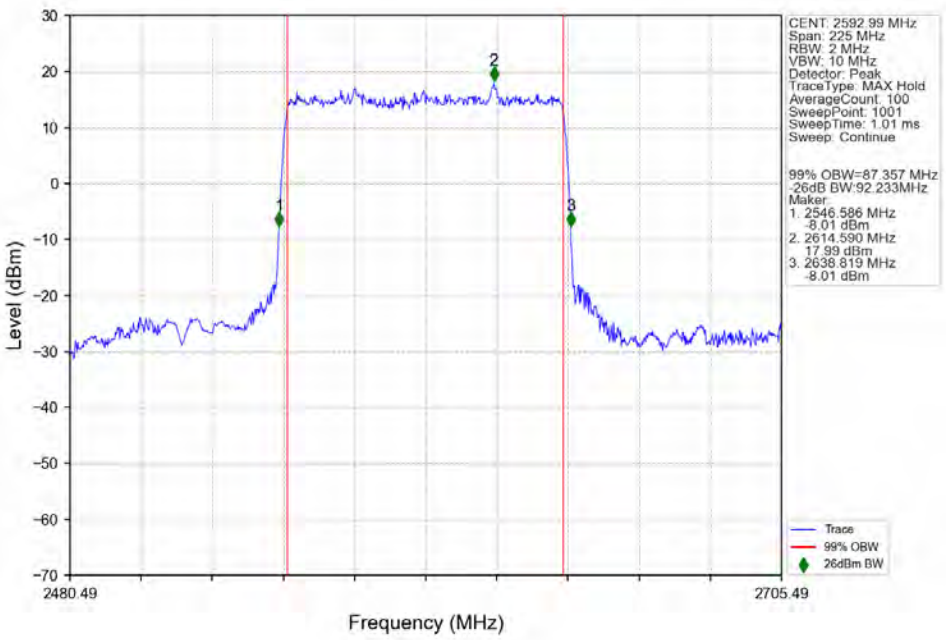


n41_30kHz_SISO_NTNV_80MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

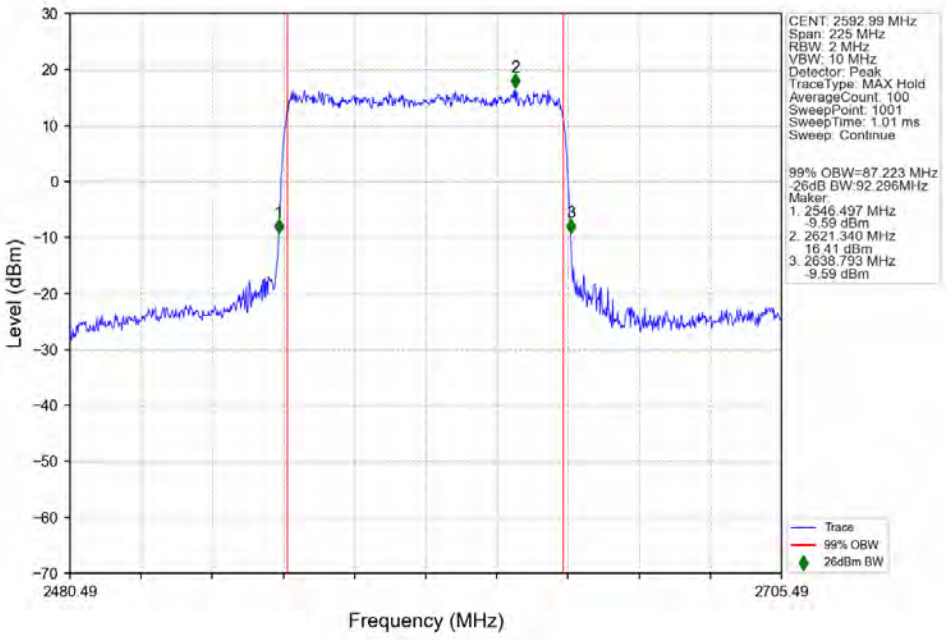


## 3.2.13 30_S_90M_NTNV

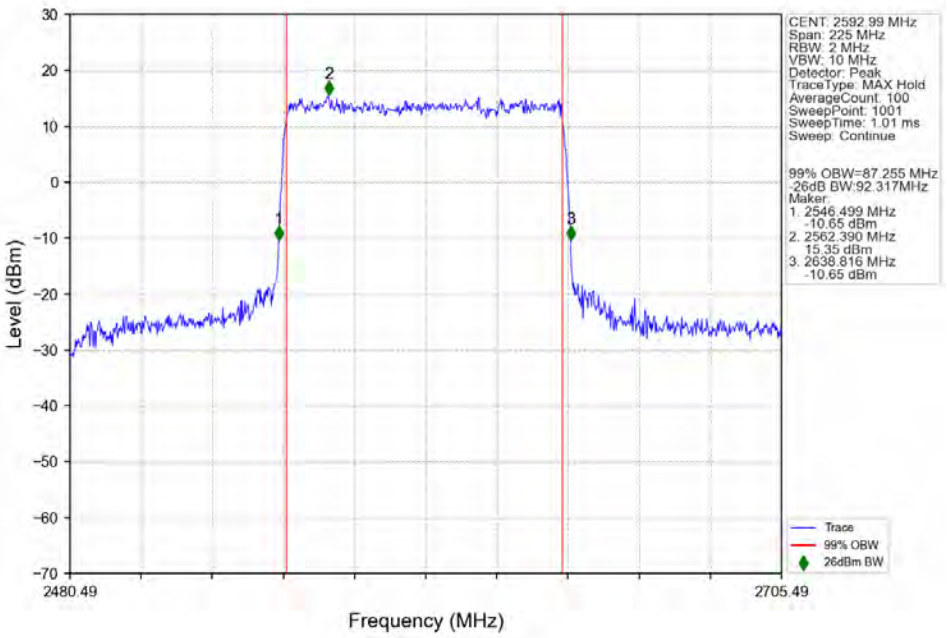
n41_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



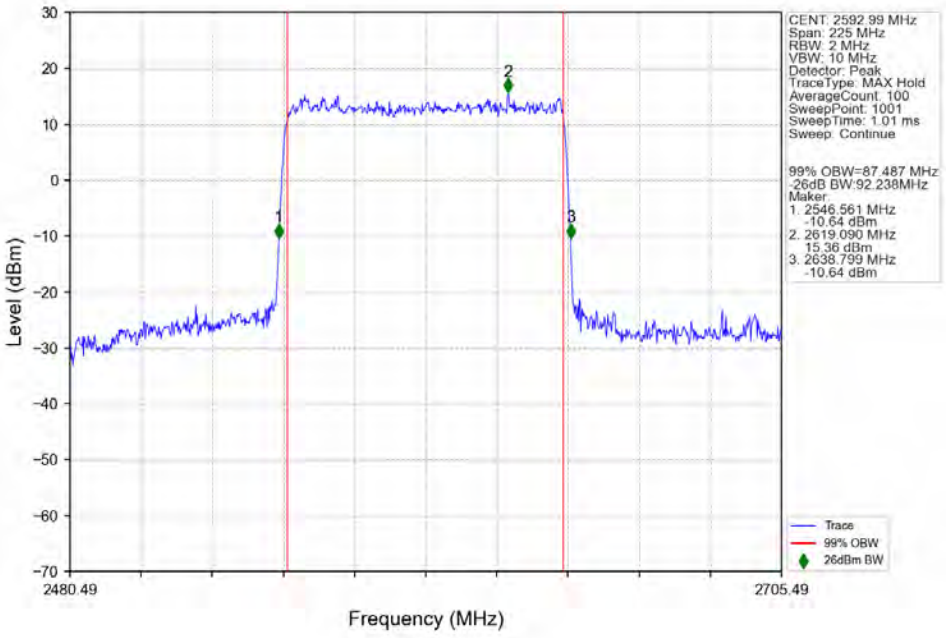

n41_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



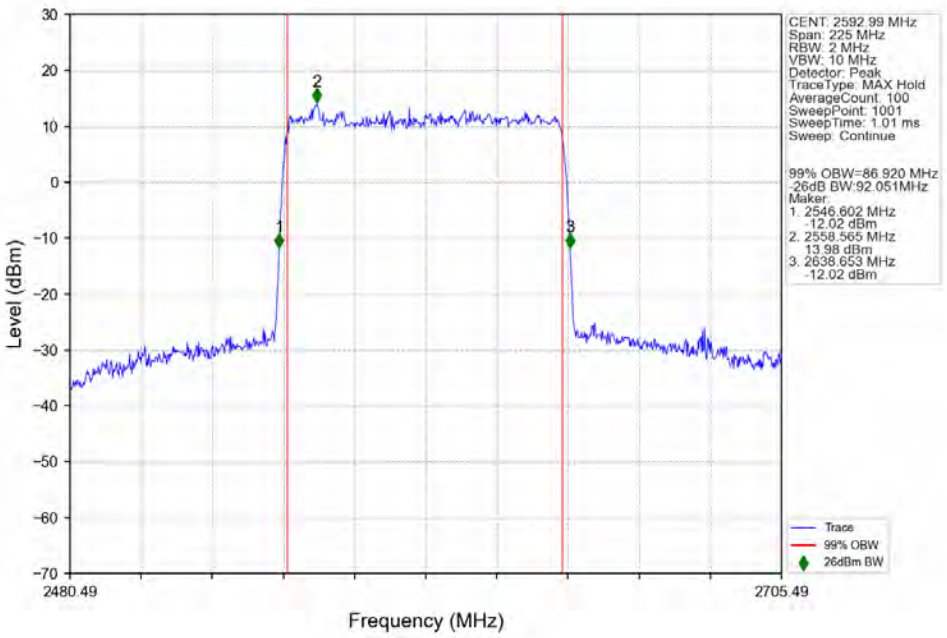
n41_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



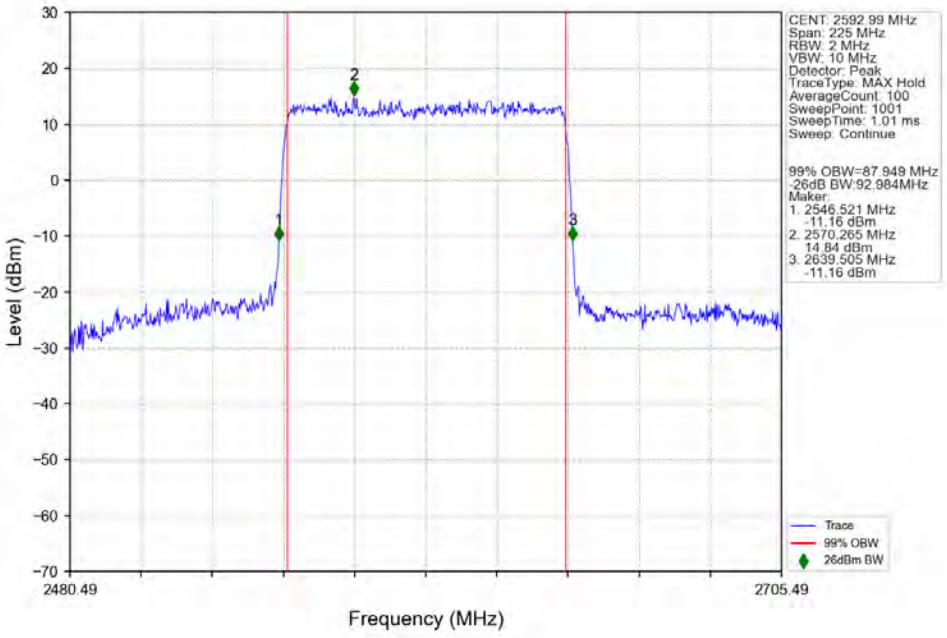

n41_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



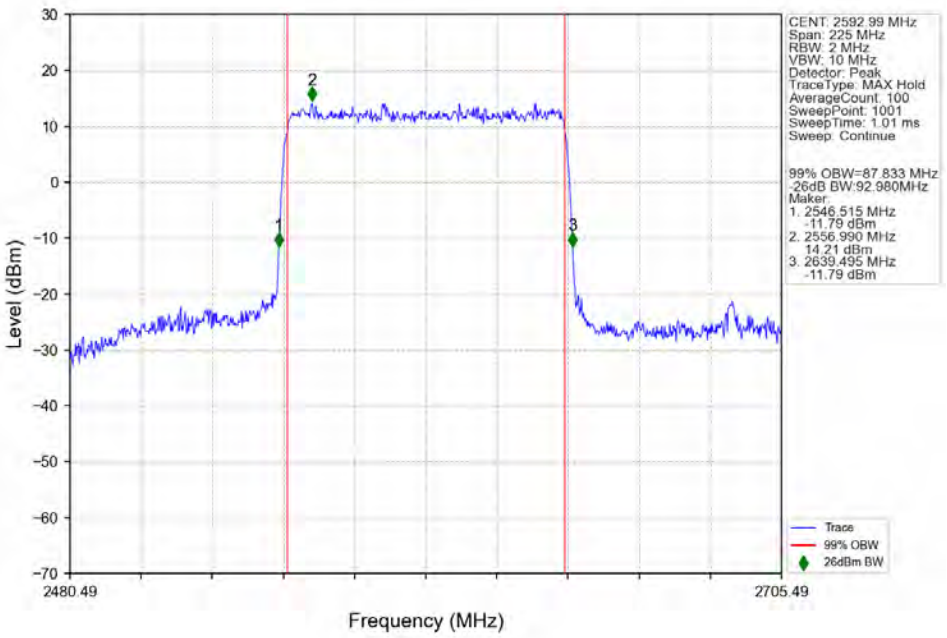
n41_30kHz_SISO_NTNV_90MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



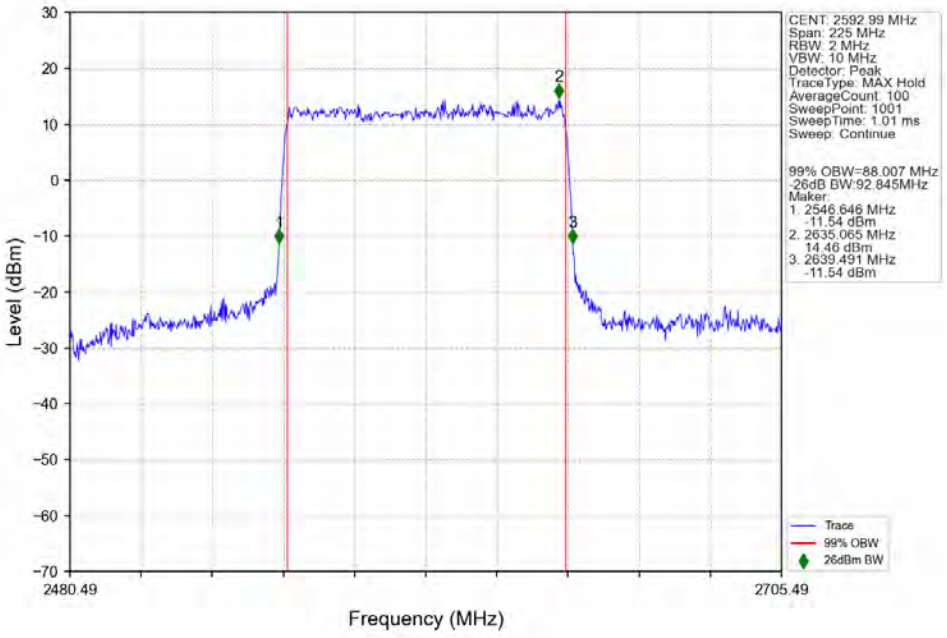

n41_30kHz_SISO_NTNV_90MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



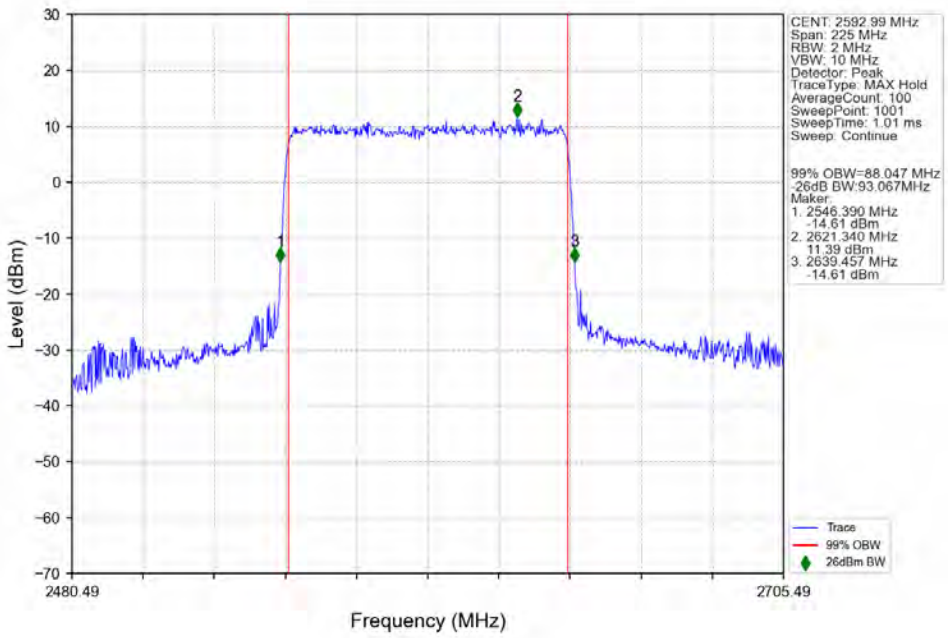
n41_30kHz_SISO_NTNV_90MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_90MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1

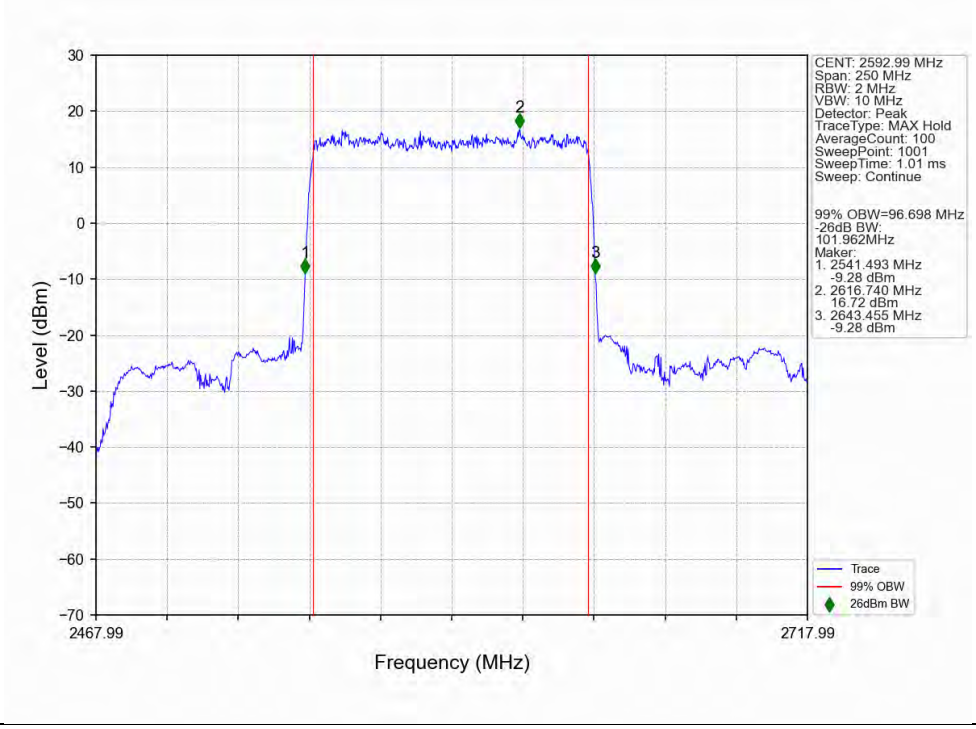


n41_30kHz_SISO_NTNV_90MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1

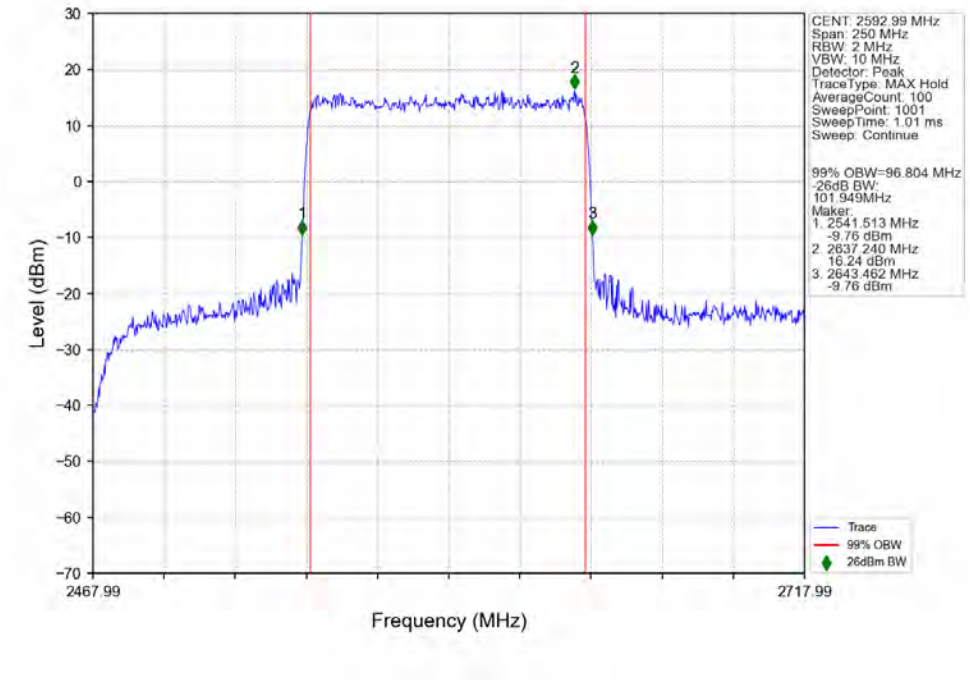


## 3.2.14 30_S_100M_NTNV

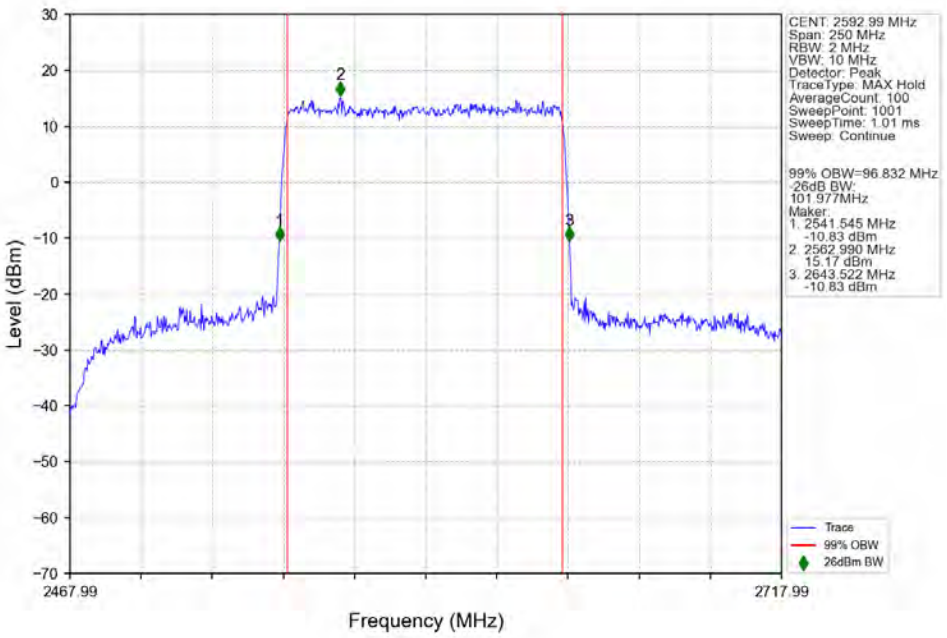
n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1



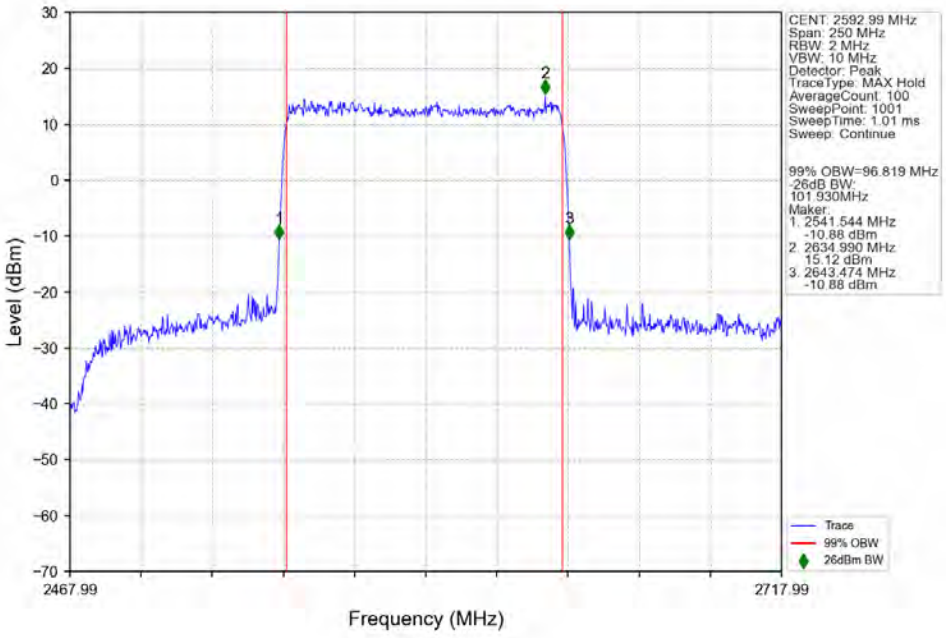

n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



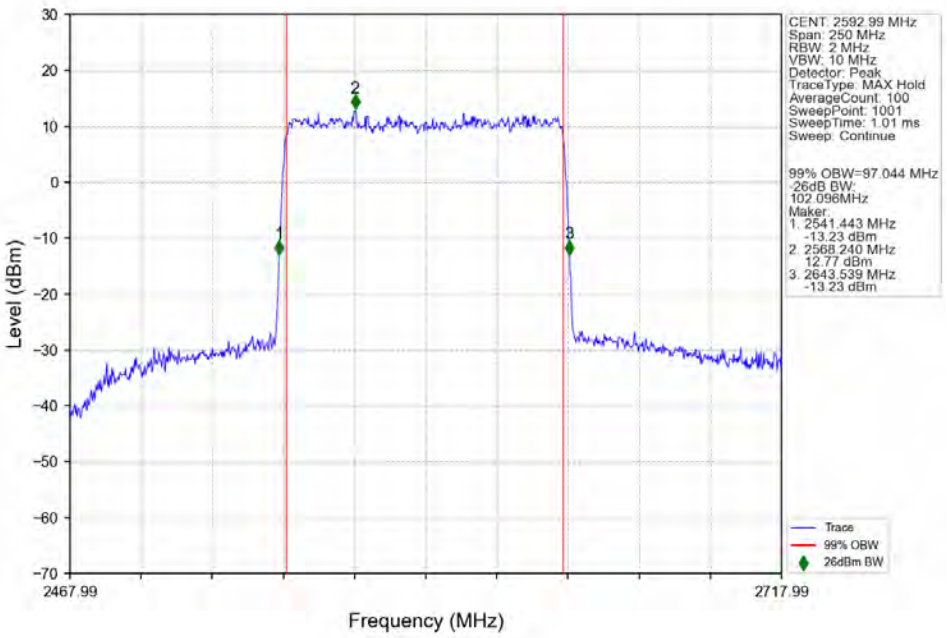
n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1



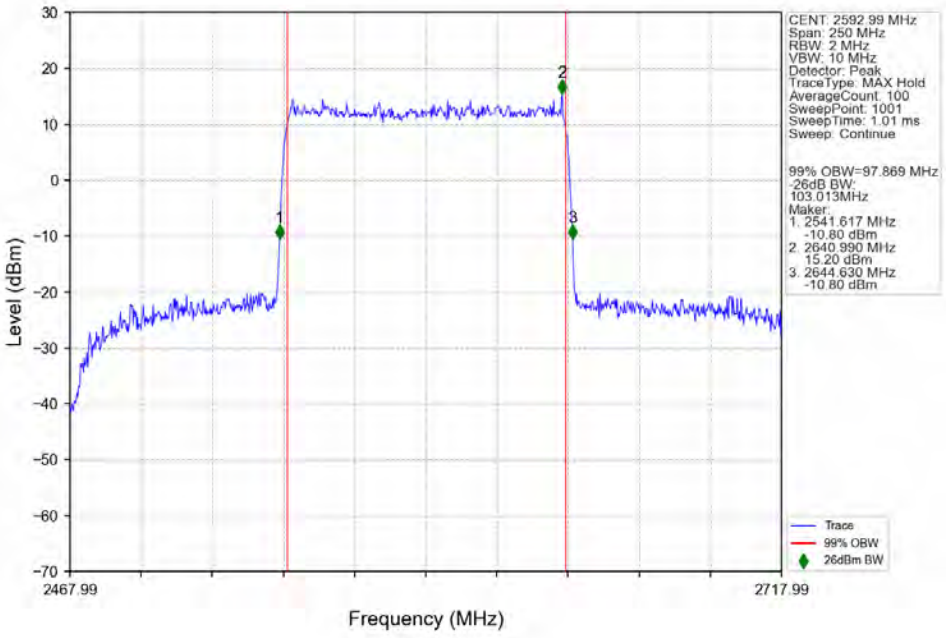

n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



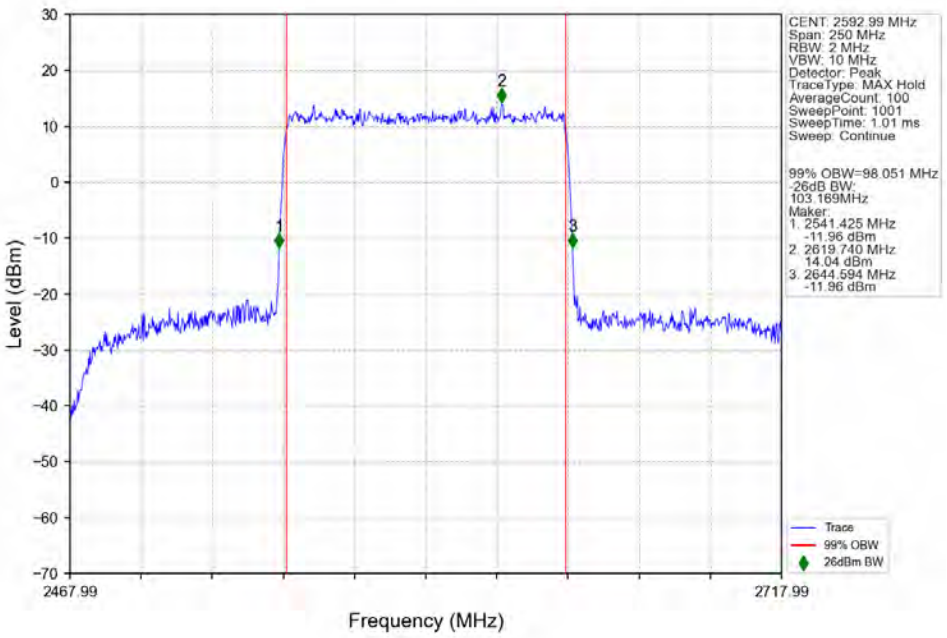
n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



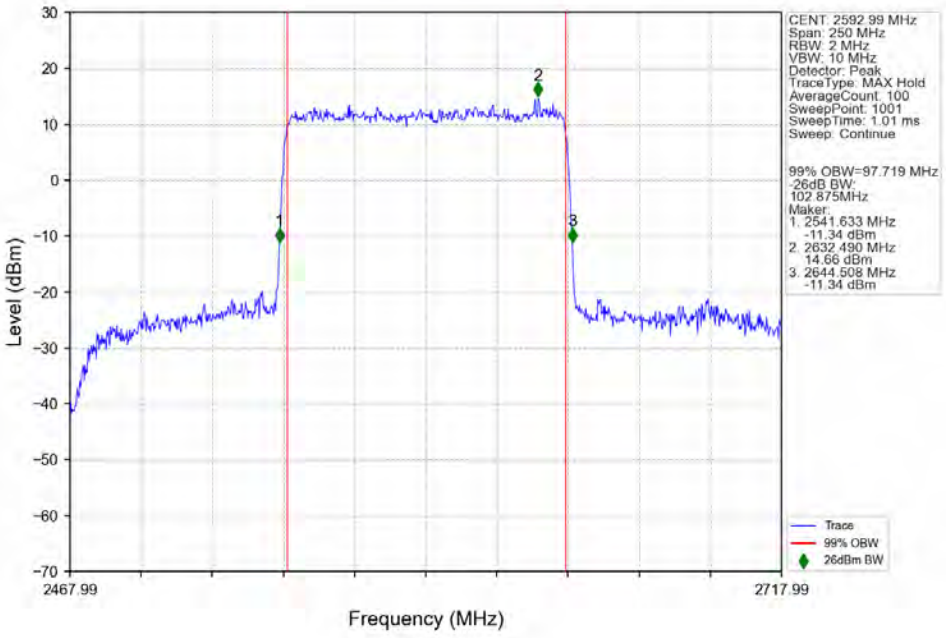

n41_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



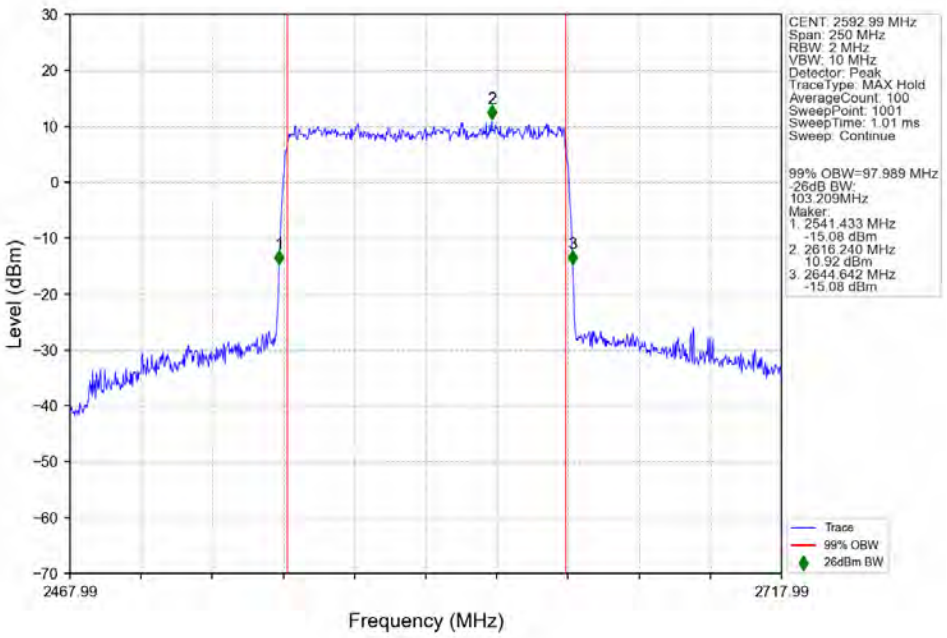
n41_30kHz_SISO_NTNV_100MHz_CP-OFDM 16 QAM_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_100MHz_CP-OFDM 64 QAM_2592.99MHz_Outer_Full_Ant1



n41_30kHz_SISO_NTNV_100MHz_CP-OFDM 256 QAM_2592.99MHz_Outer_Full_Ant1



# 4. Peak-Average Ratio

## 4.1 Test Result

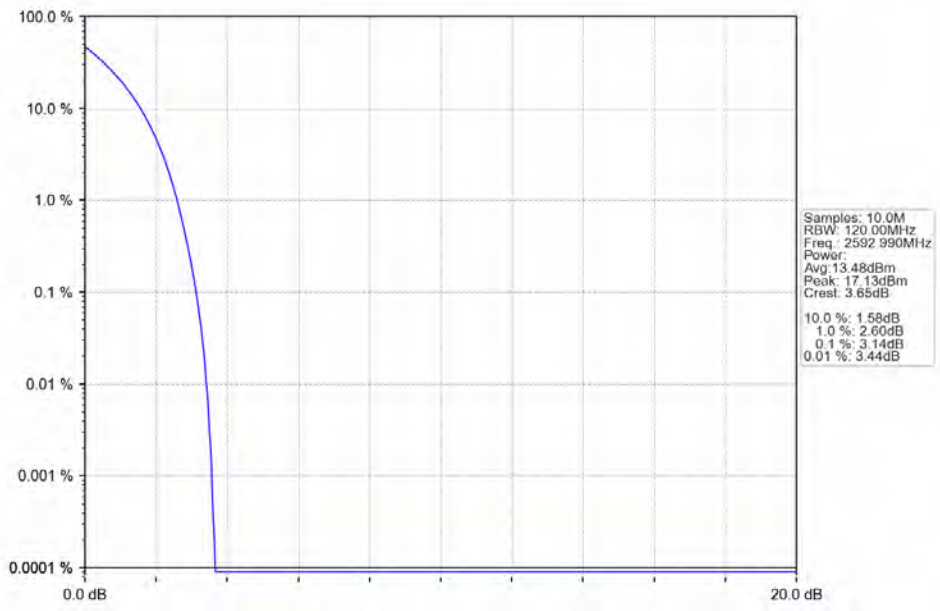
### 4.1.1 30_S_100M_NTNV

| 5G NR n41 SCS=30kHz SISO 100MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2592.99 | Outer_Full | 3.14 | / | / | <=13 | Pass |
| DFT-s-OFDM QPSK | 2592.99 | Outer_Full | 3.26 | / | / | <=13 | Pass |
| CP-OFDM QPSK | 2592.99 | Outer_Full | 3.88 | / | / | <=13 | Pass |

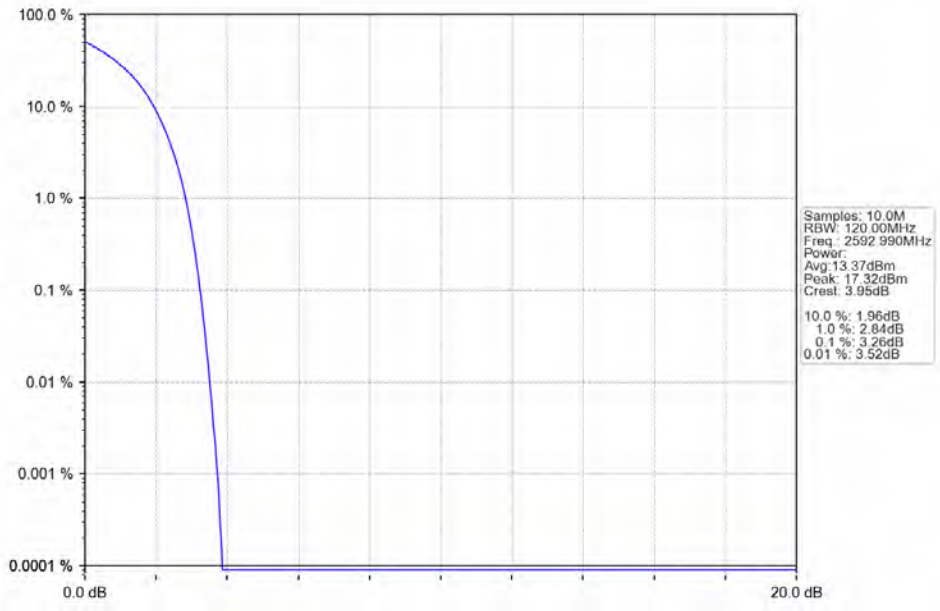
## 4.2 Test Graph

### 4.2.1 30_S_100M_NTNV

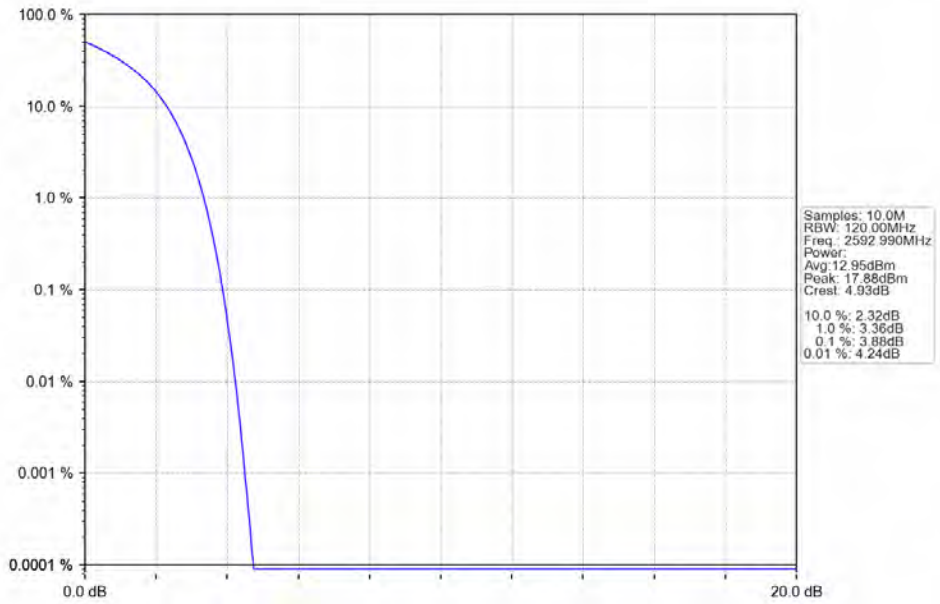
n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Outer_Full_Ant1




n41_30kHz_SISO_NTNV_100MHz_DFT-s-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



n41_30kHz_SISO_NTNV_100MHz_CP-OFDM QPSK_2592.99MHz_Outer_Full_Ant1



# 5. Spurious Emission

## 5.1 Test Result

### 5.1.1 30_S_10M_NTNV

| 5G NR n41 SCS=30kHz SISO 10MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2501.01 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2592.99 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2685 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| DFT-s-OFDM QPSK | 2501.01 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2592.99 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2685 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| CP-OFDM QPSK | 2501.01 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2592.99 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2685 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |

### 5.1.2 30_S_60M_NTNV

| 5G NR n41 SCS=30kHz SISO 60MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2526 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2592.99 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2659.98 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| DFT-s-OFDM QPSK | 2526 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2592.99 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2659.98 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| CP-OFDM QPSK | 2526 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2592.99 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2659.98 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |

### 5.1.3 30_S_100M_NTNV

| 5G NR n41 SCS=30kHz SISO 100MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2546.01 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |

| | | | | |
|---|---|---|---|---|
| | | Outer_Full | Refer To Test Graph | Pass |
| | 2592.99 | Edge_1RB_Left | Refer To Test Graph | Pass |
| | 2640 | Edge_1RB_Right | Refer To Test Graph | Pass |
| | | Outer_Full | Refer To Test Graph | Pass |
| DFT-s-OFDM QPSK | 2546.01 | Edge_1RB_Left | Refer To Test Graph | Pass |
| | | Outer_Full | Refer To Test Graph | Pass |
| | 2592.99 | Edge_1RB_Left | Refer To Test Graph | Pass |
| | 2640 | Edge_1RB_Right | Refer To Test Graph | Pass |
| | | Outer_Full | Refer To Test Graph | Pass |
| CP-OFDM QPSK | 2546.01 | Edge_1RB_Left | Refer To Test Graph | Pass |
| | | Outer_Full | Refer To Test Graph | Pass |
| | 2592.99 | Edge_1RB_Left | Refer To Test Graph | Pass |
| | 2640 | Edge_1RB_Right | Refer To Test Graph | Pass |
| | | Outer_Full | Refer To Test Graph | Pass |

## 5.1.4 30_M_10M_NTNV

| 5G NR n41 SCS=30kHz MIMO 10MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2501.01 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | 2685 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| DFT-s-OFDM QPSK | 2501.01 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | 2685 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| CP-OFDM QPSK | 2501.01 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | 2685 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |

## 5.1.5 30_M_60M_NTNV

| 5G NR n41 SCS=30kHz MIMO 60MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2526 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | 2659.98 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| DFT-s-OFDM QPSK | 2526 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | 2659.98 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| CP-OFDM QPSK | 2526 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | 2659.98 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |

## 5.1.6 30_M_100M_NTNV

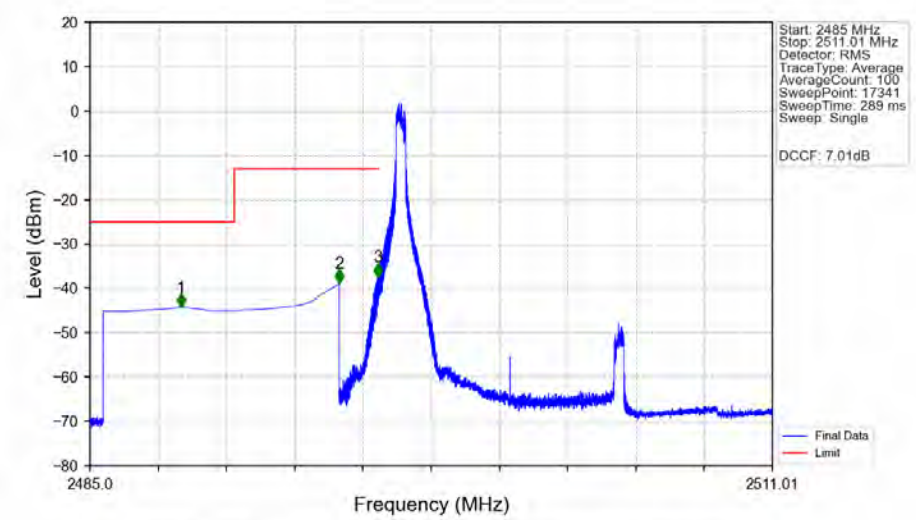
| 5G NR n41 SCS=30kHz MIMO 100MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant1 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2546.01 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | 2640 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |

| | | | | |
|---|---|---|---|---|
| | | | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| DFT-s-OFDM QPSK | 2546.01 | Edge_1RB_Left | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | | Outer_Full | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | 2640 | Edge_1RB_Right | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | | Outer_Full | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| CP-OFDM QPSK | 2546.01 | Edge_1RB_Left | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | | Outer_Full | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | 2640 | Edge_1RB_Right | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | | Outer_Full | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |
| | | | Refer To Test Graph | Pass |

## 5.2 Test Graph

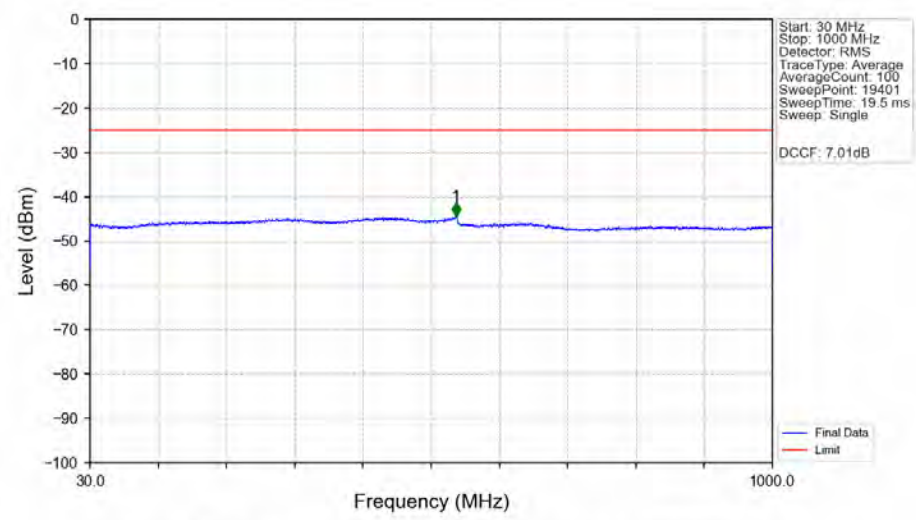
### 5.2.1 30_S_10M_NTNV

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2501.01MHz_Edge_1RB_Left_Ant1



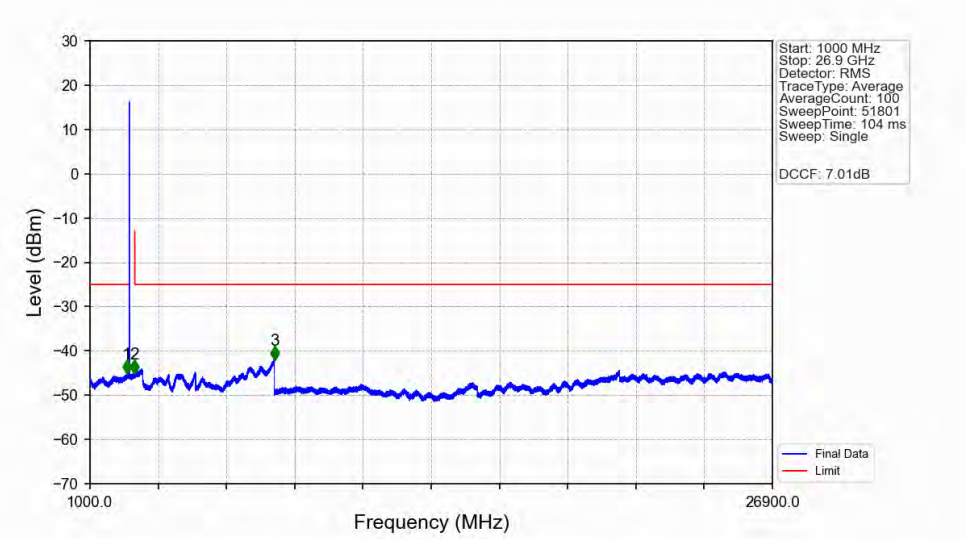

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2488.472 | -44.28 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.499 | -38.83 | -13 | Pass |
| 2495 | 2496 | 0.005 | CHP | 3 | 2495.977 | -37.41 | -13 | Pass |
| 2496 | 2511.01 | 0.005 | CHP | / | / | / | / | / |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2501.01MHz_Edge_1RB_Left_Ant1



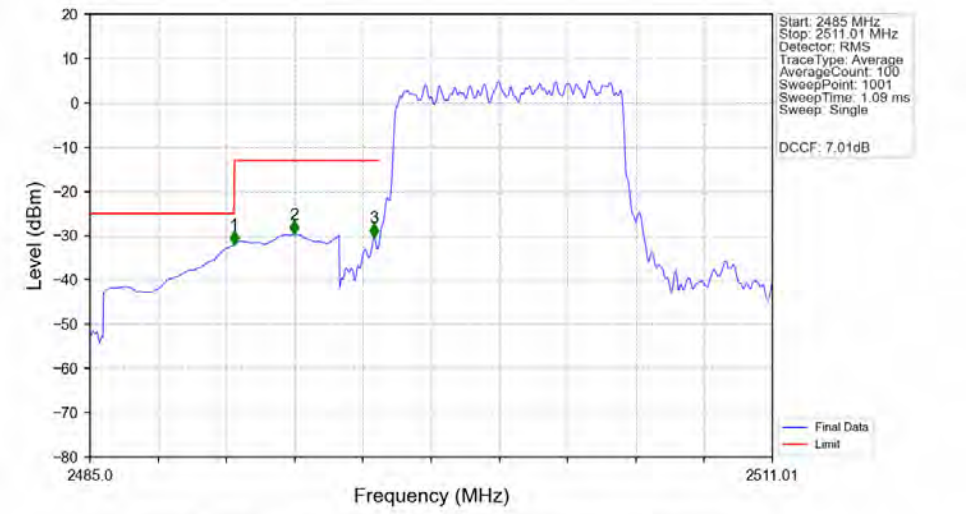

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 550.350 | -44.46 | 25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2501.01MHz_Edge_1RB_Left_Ant1



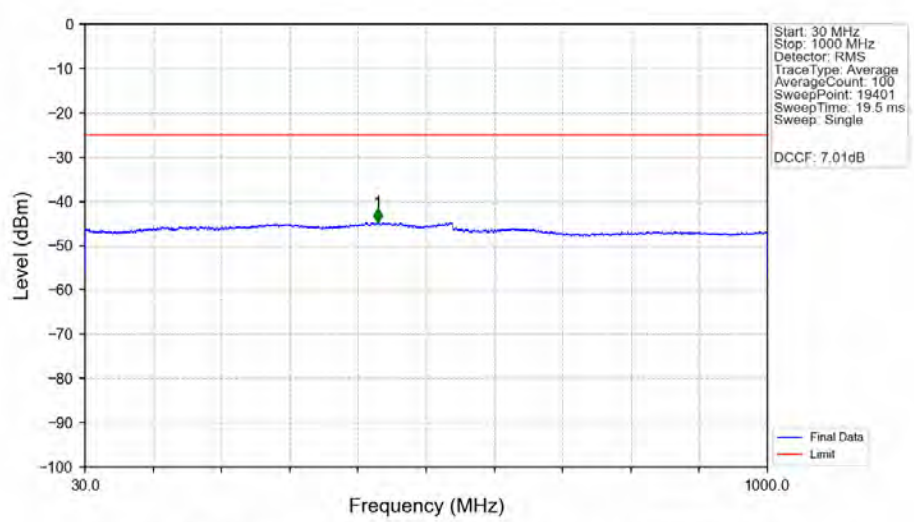

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2408.000 | -45.11 | -25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2700 | 1 | / | 2 | 2695.500 | -45.12 | -13 | Pass |
| 2700 | 26900 | 1 | / | 3 | 7996.000 | -42.00 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2501.01MHz_Outer_Full_Ant1



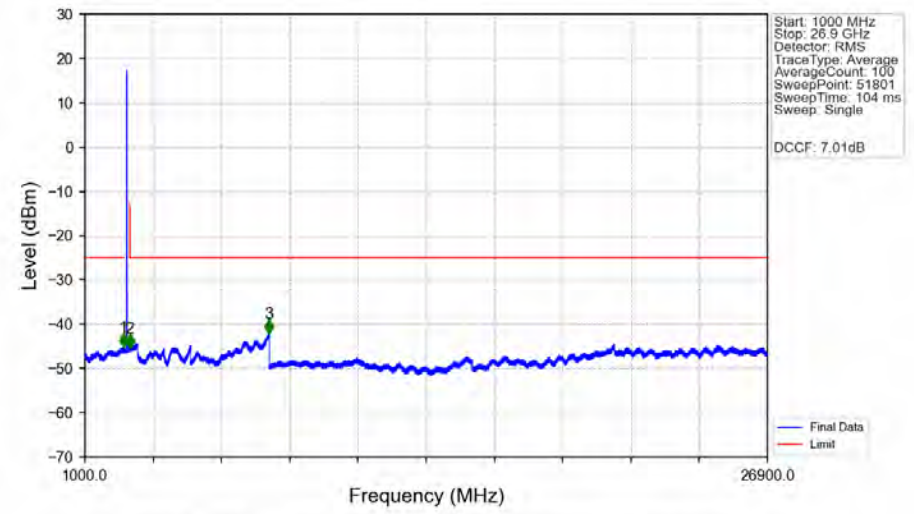

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.488 | -32.04 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2492.777 | -29.71 | -13 | Pass |
| 2495 | 2496 | 0.102 | CHP | 3 | 2495.820 | -30.41 | -13 | Pass |
| 2496 | 2511.01 | 0.102 | CHP | / | / | / | / | / |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Edge_1RB_Left_Ant1



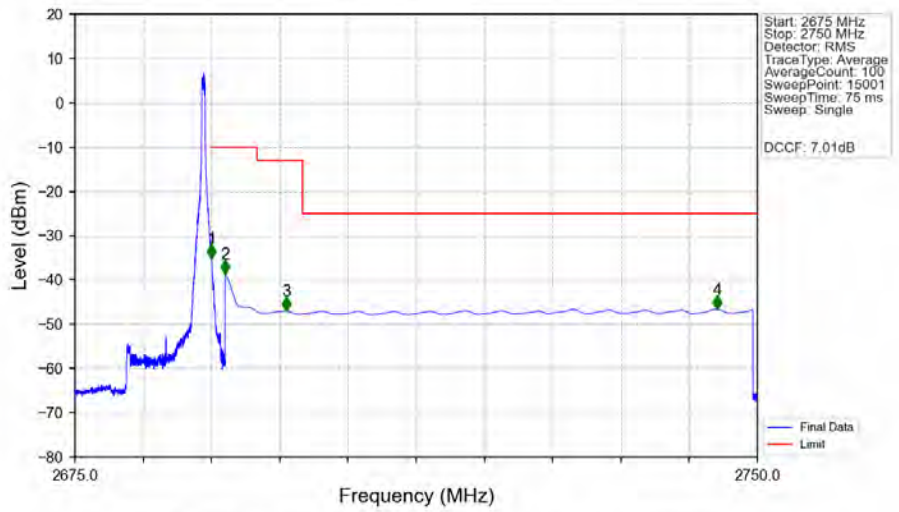

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 446.100 | -44.69 | 25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Edge_1RB_Left_Ant1



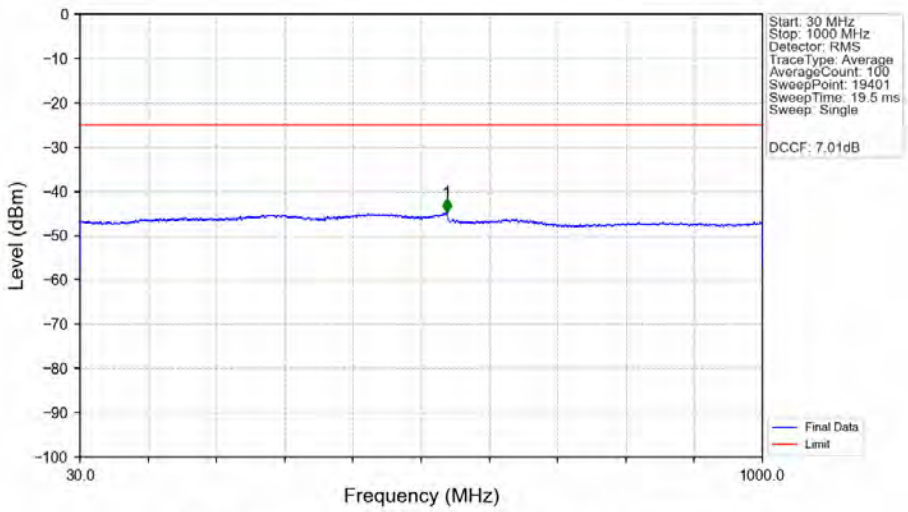

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2461.000 | -45.18 | 25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2700 | 1 | / | 2 | 2699.500 | -45.39 | -13 | Pass |
| 2700 | 26900 | 1 | / | 3 | 7985.500 | -42.10 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2685MHz_Edge_1RB_Right_Ant1



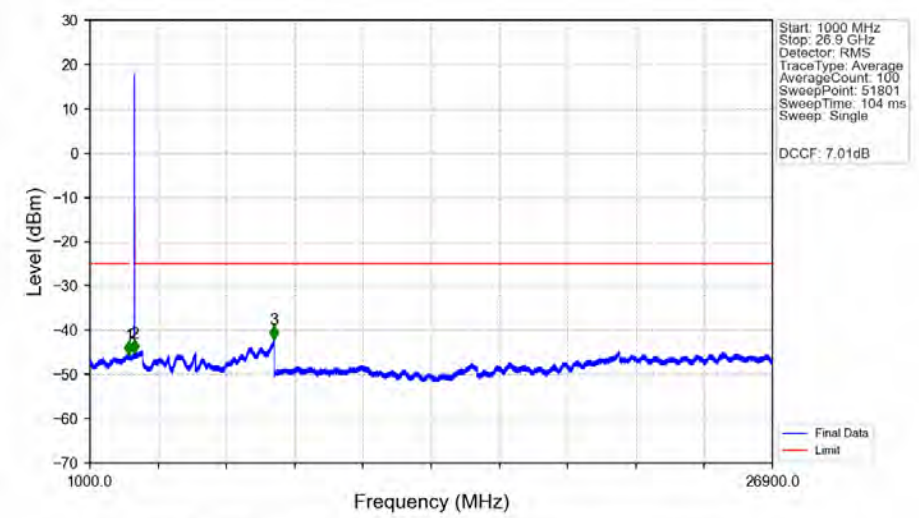

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2675 | 2690 | 0.02 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.02 | CHP | 1 | 2690.025 | -35.08 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.500 | -38.65 | -10 | Pass |
| 2695 | 2700 | 1 | CHP | 3 | 2698.195 | -46.96 | -13 | Pass |
| 2700 | 2750 | 1 | CHP | 4 | 2745.595 | -46.54 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2685MHz_Edge_1RB_Right_Ant1



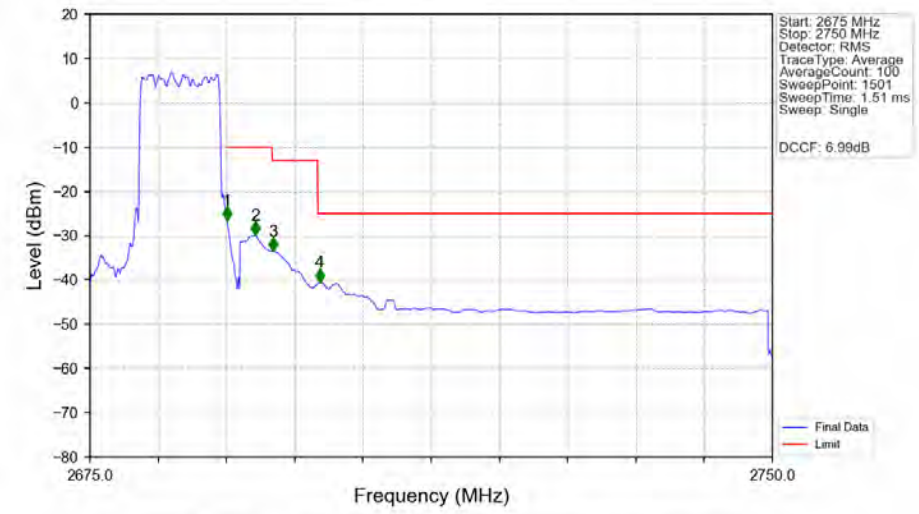

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 551.250 | -44.84 | 25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2685MHz_Edge_1RB_Right_Ant1



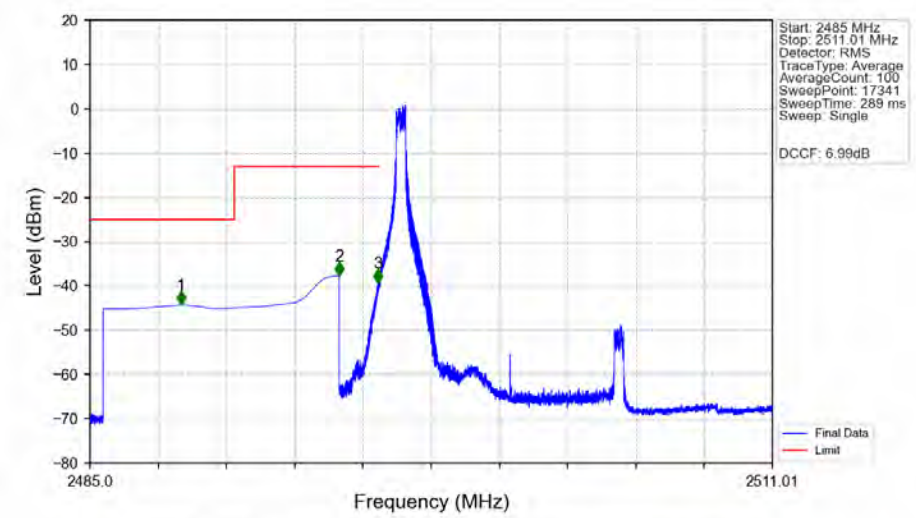

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2478.000 | -45.53 | 25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2700 | 1 | / | 2 | 2697.000 | -45.17 | -13 | Pass |
| 2700 | 26900 | 1 | / | 3 | 7972.000 | -42.13 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2685MHz_Outer_Full_Ant1



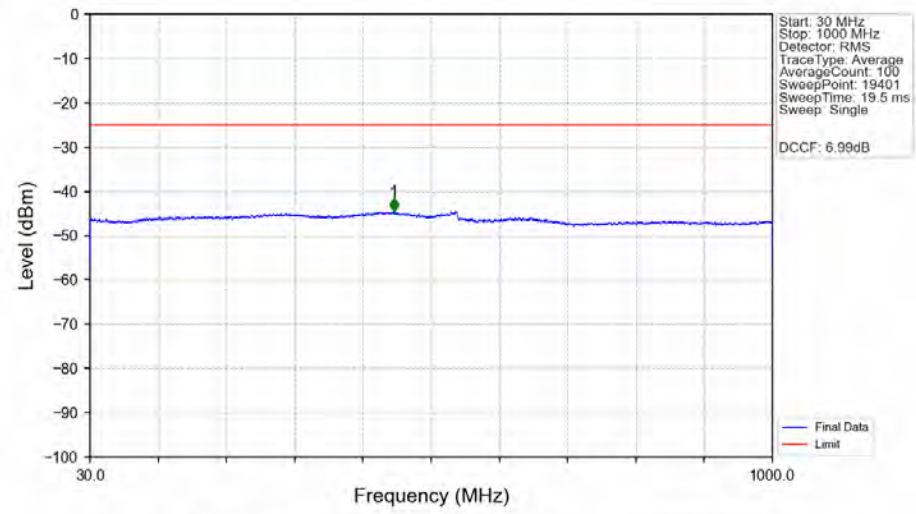

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2675 | 2690 | 0.201 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.201 | CHP | 1 | 2690.050 | -26.51 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2693.150 | -29.94 | -10 | Pass |
| 2695 | 2700 | 1 | CHP | 3 | 2695.100 | -33.48 | -13 | Pass |
| 2700 | 2750 | 1 | CHP | 4 | 2700.250 | -40.51 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2501.01MHz_Edge_1RB_Left_Ant1



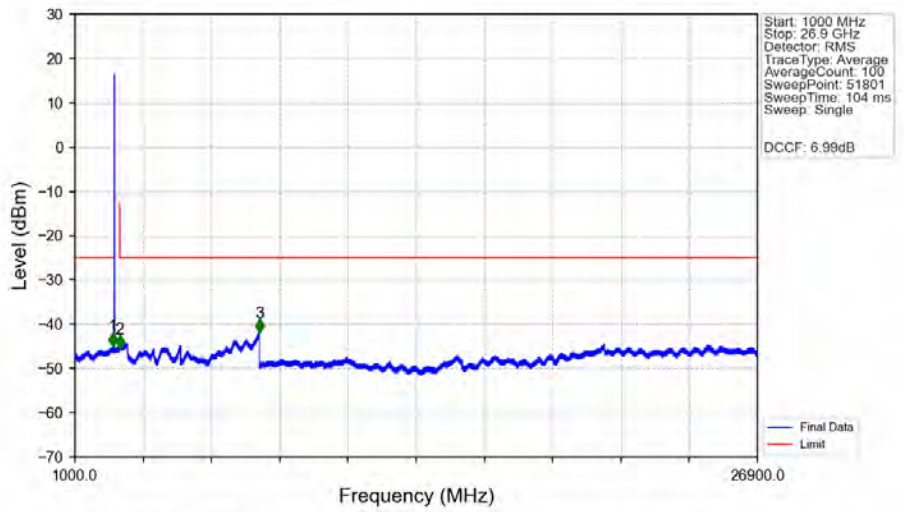

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2488.468 | -44.32 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.497 | -37.74 | -13 | Pass |
| 2495 | 2496 | 0.005 | CHP | 3 | 2495.980 | -39.41 | -13 | Pass |
| 2496 | 2511.01 | 0.005 | CHP | / | / | / | / | / |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2501.01MHz_Edge_1RB_Left_Ant1



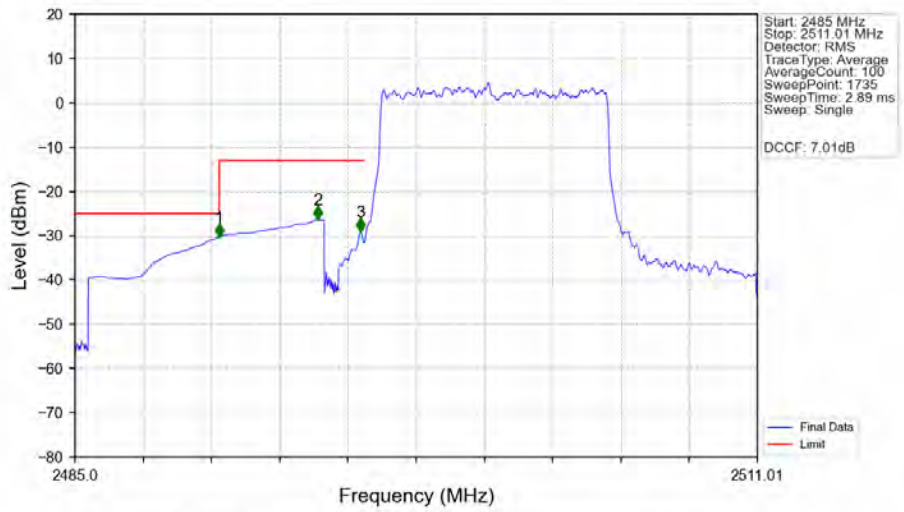

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 461.900 | -44.51 | 25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2501.01MHz_Edge_1RB_Left_Ant1



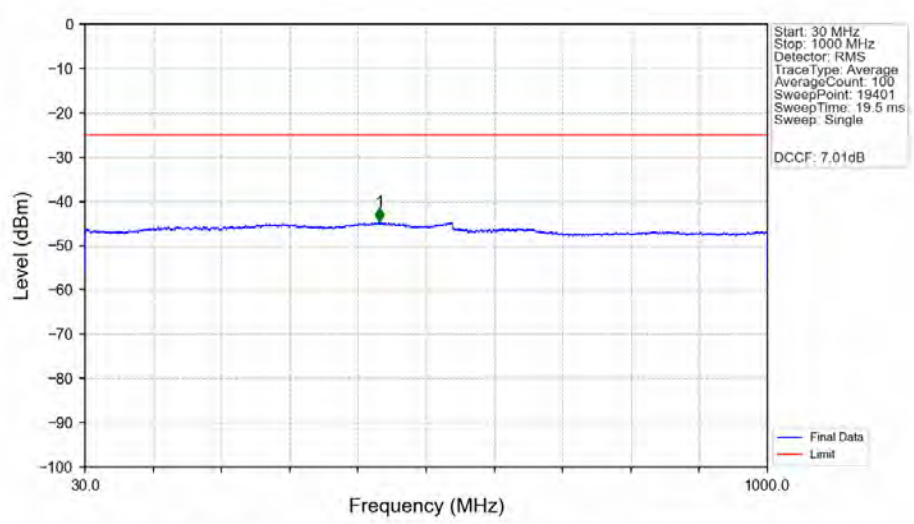

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2430.500 | -44.90 | 25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2700 | 1 | / | 2 | 2699.500 | -45.49 | -13 | Pass |
| 2700 | 26900 | 1 | / | 3 | 7998.500 | -41.88 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2501.01MHz_Outer_Full_Ant1



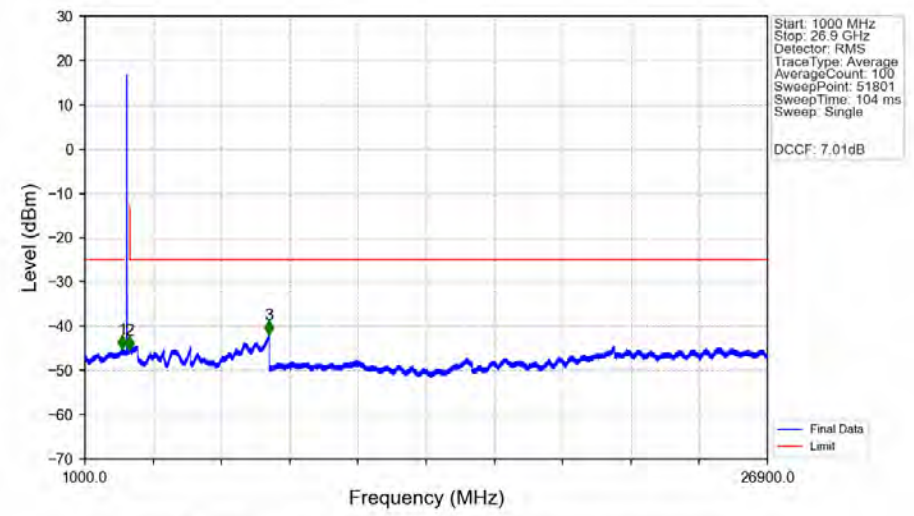

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.490 | -30.32 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.255 | -26.37 | -13 | Pass |
| 2495 | 2496 | 0.098 | CHP | 3 | 2495.890 | -29.18 | -13 | Pass |
| 2496 | 2511.01 | 0.098 | CHP | / | / | / | / | / |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2592.99MHz_Edge_1RB_Left_Ant1



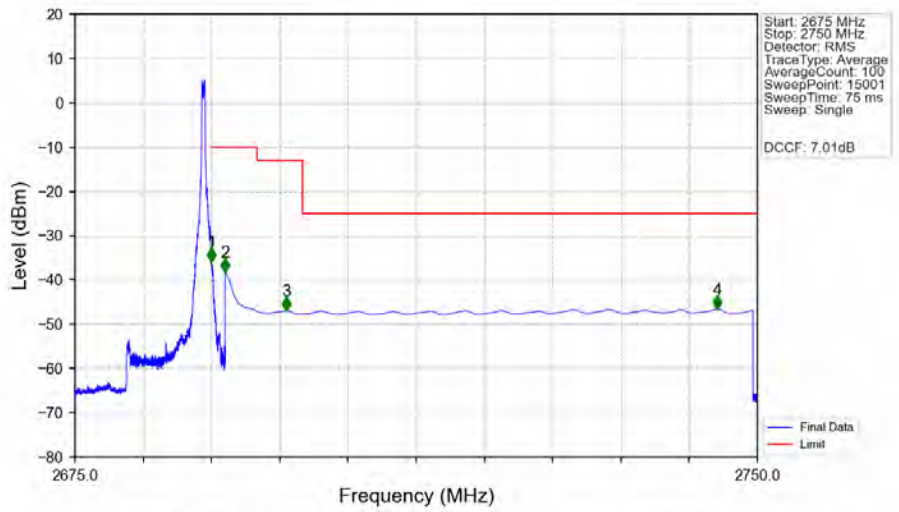

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 448.950 | -44.60 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2592.99MHz_Edge_1RB_Left_Ant1



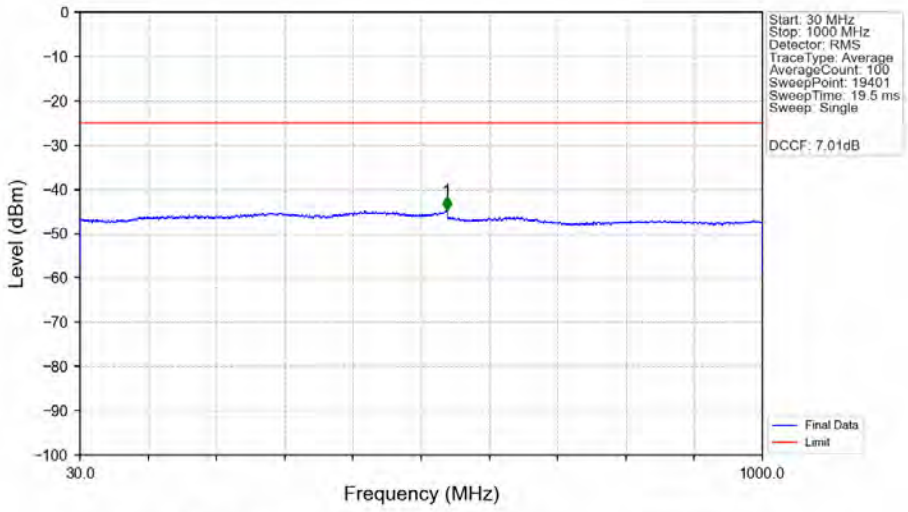

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2416.500 | -45.26 | -25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2700 | 1 | / | 2 | 2697.500 | -45.36 | -13 | Pass |
| 2700 | 26900 | 1 | / | 3 | 7994.000 | -41.97 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2685MHz_Edge_1RB_Right_Ant1



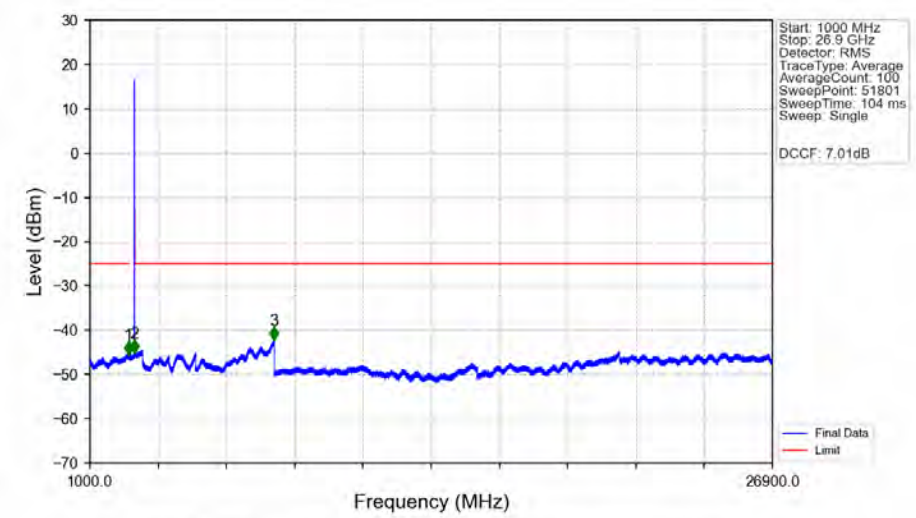

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2675 | 2690 | 0.02 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.02 | CHP | 1 | 2690.005 | -35.82 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.500 | -38.27 | -10 | Pass |
| 2695 | 2700 | 1 | CHP | 3 | 2698.195 | -46.90 | -13 | Pass |
| 2700 | 2750 | 1 | CHP | 4 | 2745.585 | -46.56 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2685MHz_Edge_1RB_Right_Ant1



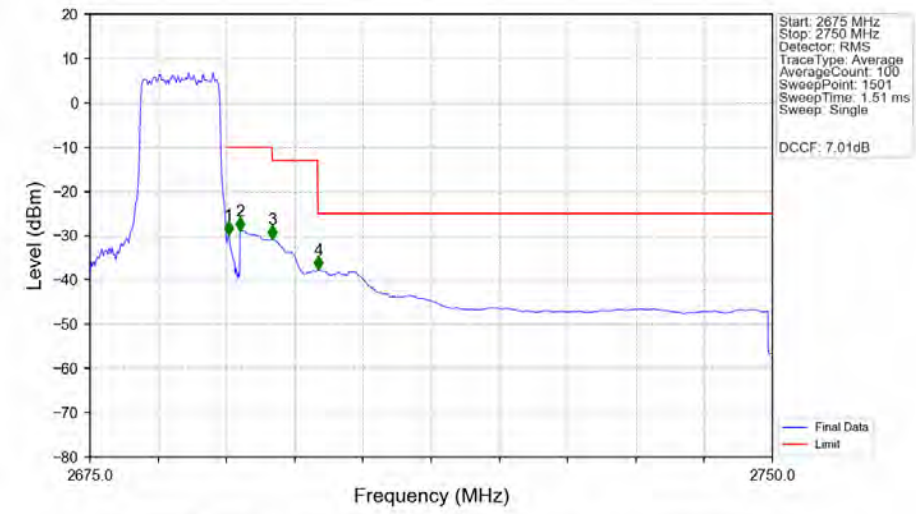

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 551.250 | -44.75 | 25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2685MHz_Edge_1RB_Right_Ant1



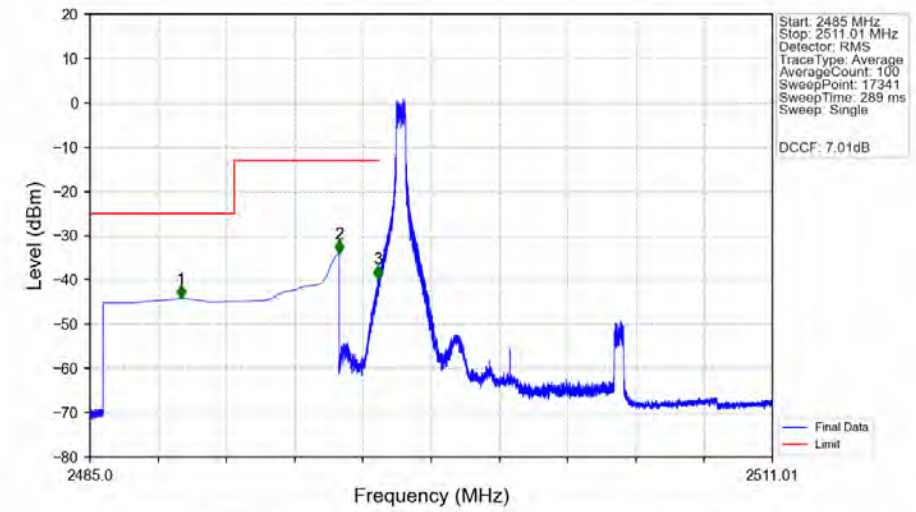

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2471.000 | -45.57 | -25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2700 | 1 | / | 2 | 2696.500 | -45.11 | -13 | Pass |
| 2700 | 26900 | 1 | / | 3 | 7974.500 | -42.21 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2685MHz_Outer_Full_Ant1



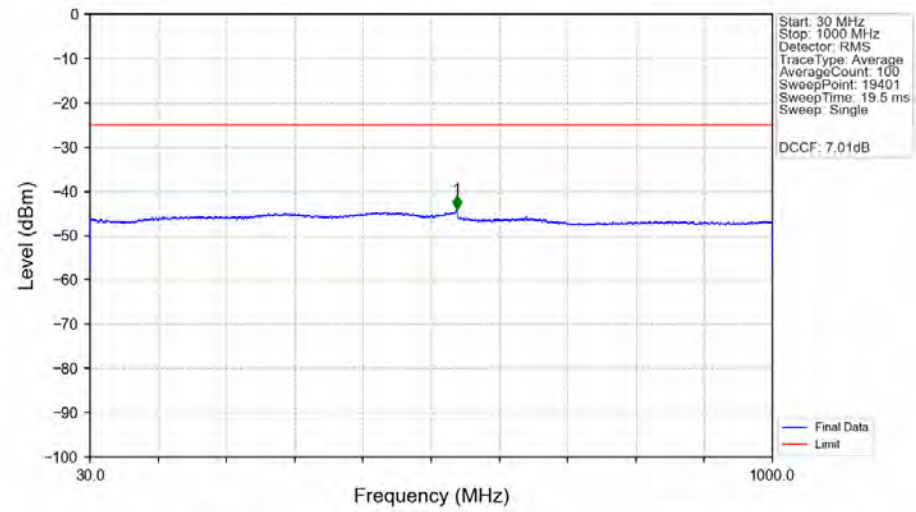

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2675 | 2690 | 0.199 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.199 | CHP | 1 | 2690.250 | -29.82 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.500 | -28.86 | -10 | Pass |
| 2695 | 2700 | 1 | CHP | 3 | 2695.050 | -30.79 | -13 | Pass |
| 2700 | 2750 | 1 | CHP | 4 | 2700.100 | -37.75 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2501.01MHz_Edge_1RB_Left_Ant1



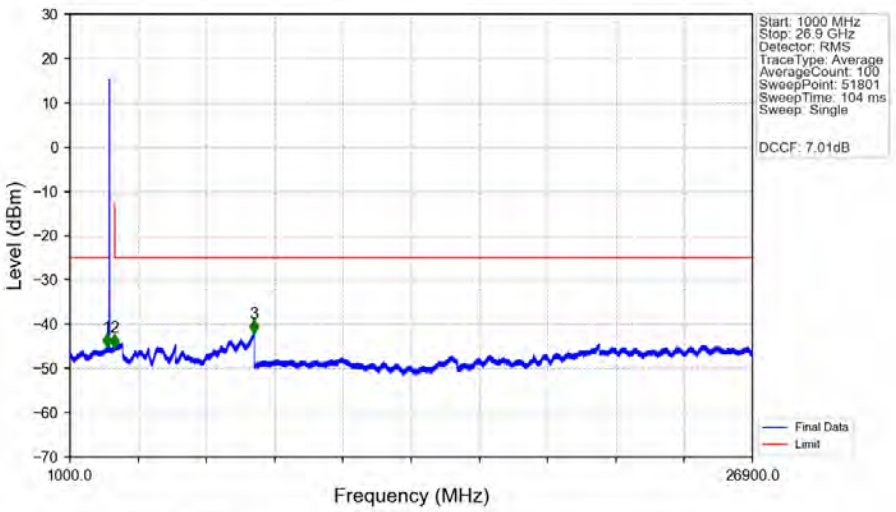

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2488.476 | -44.25 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.498 | -34.00 | -13 | Pass |
| 2495 | 2496 | 0.005 | CHP | 3 | 2495.962 | -39.78 | -13 | Pass |
| 2496 | 2511.01 | 0.005 | CHP | / | / | / | / | / |

n41_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2501.01MHz_Edge_1RB_Left_Ant1



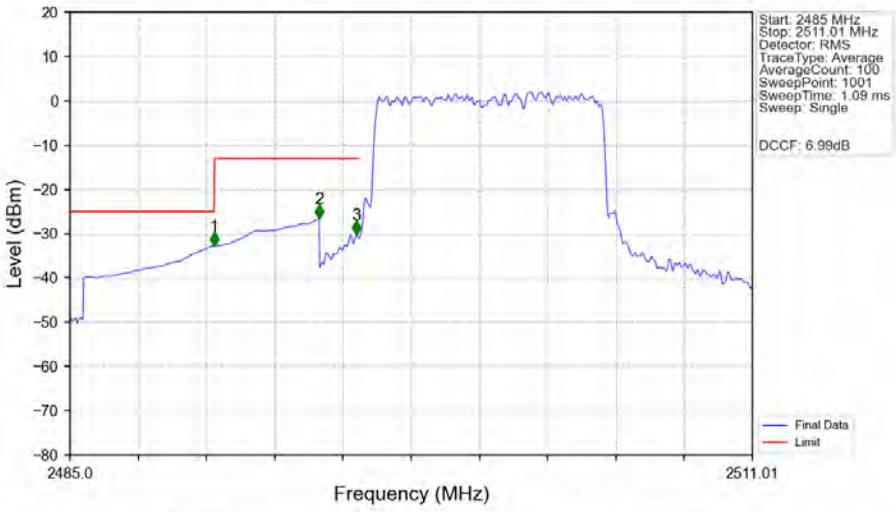

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 551.550 | -44.06 | 25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2501.01MHz_Edge_1RB_Left_Ant1



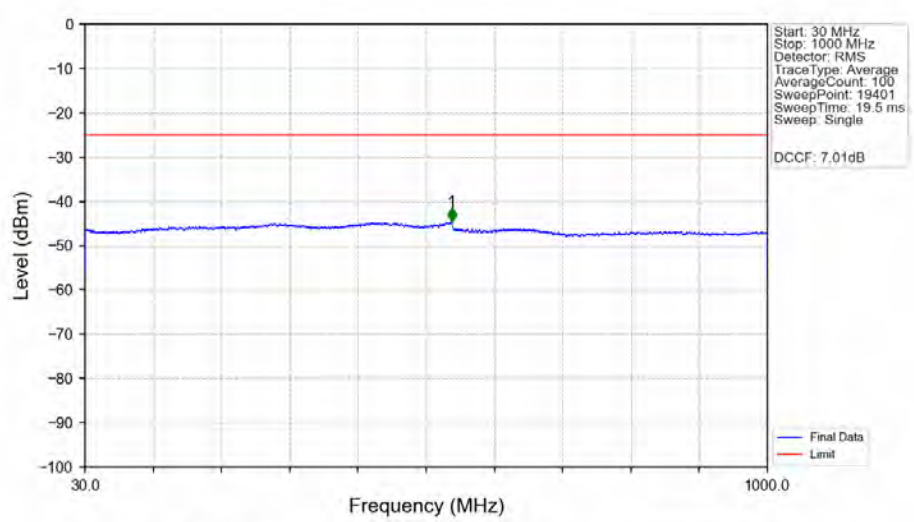

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2408.500 | -45.11 | -25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2700 | 1 | / | 2 | 2697.000 | -45.27 | -13 | Pass |
| 2700 | 26900 | 1 | / | 3 | 7989.000 | -42.00 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2501.01MHz_Outer_Full_Ant1



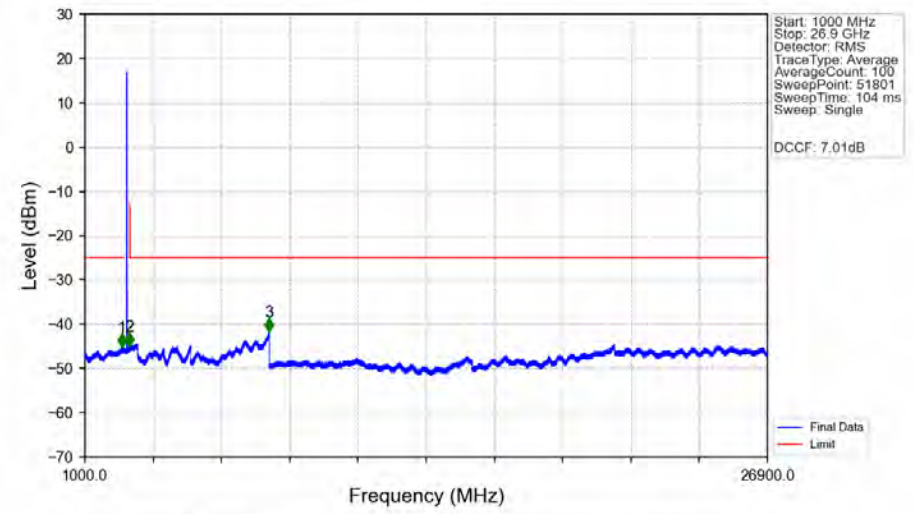

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.488 | -32.69 | -25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.494 | -26.60 | -13 | Pass |
| 2495 | 2496 | 0.102 | CHP | 3 | 2495.924 | -30.19 | -13 | Pass |
| 2496 | 2511.01 | 0.102 | CHP | / | / | / | / | / |

n41_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2592.99MHz_Edge_1RB_Left_Ant1



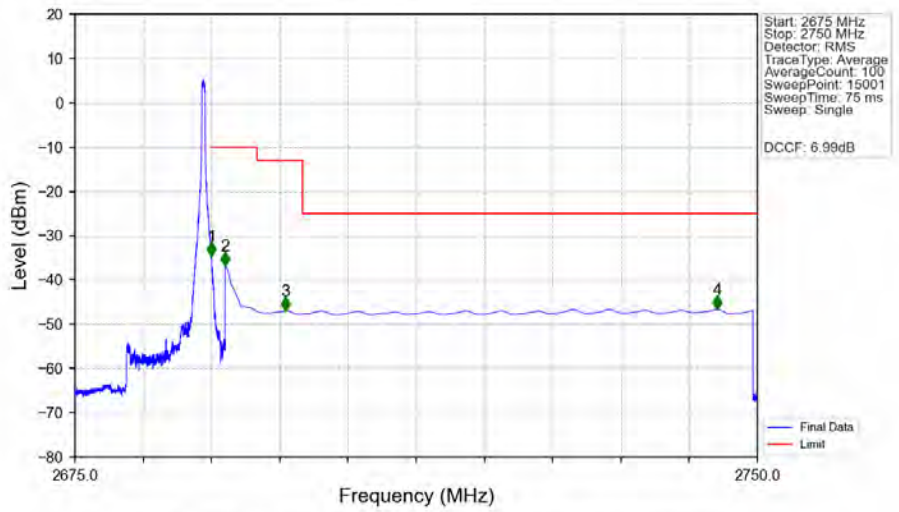

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 551.200 | -44.54 | 25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2592.99MHz_Edge_1RB_Left_Ant1



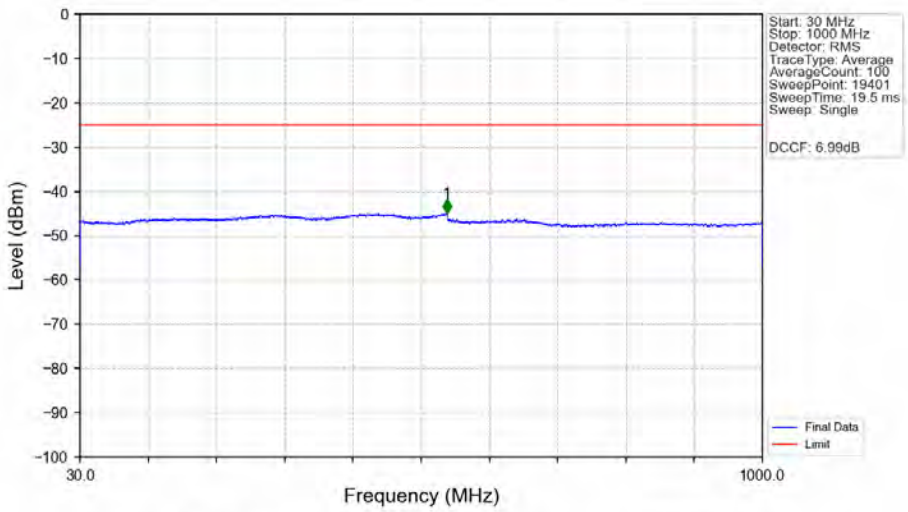

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2406.000 | -45.15 | 25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2700 | 1 | / | 2 | 2698.000 | -44.99 | -13 | Pass |
| 2700 | 26900 | 1 | / | 3 | 7985.500 | -41.69 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2685MHz_Edge_1RB_Right_Ant1



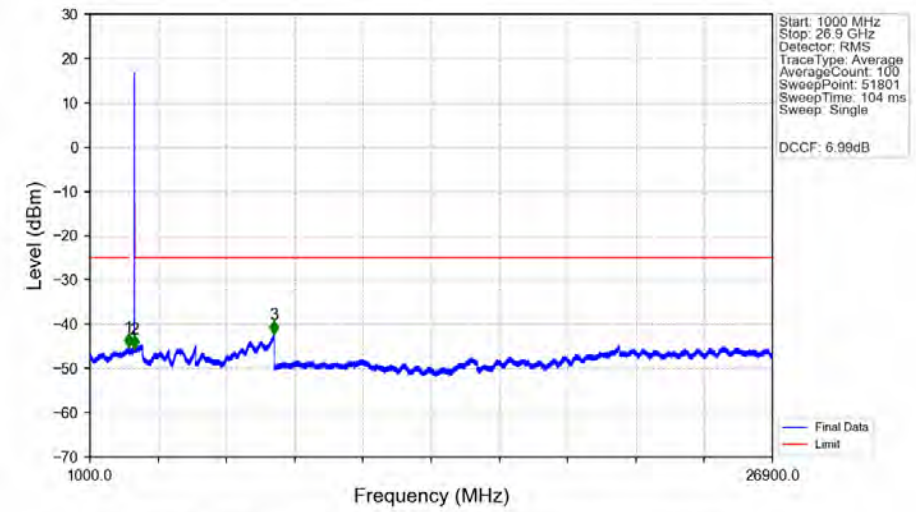

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2675 | 2690 | 0.02 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.02 | CHP | 1 | 2690.005 | -34.67 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.500 | -36.72 | -10 | Pass |
| 2695 | 2700 | 1 | CHP | 3 | 2698.175 | -46.90 | -13 | Pass |
| 2700 | 2750 | 1 | CHP | 4 | 2745.585 | -46.59 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2685MHz_Edge_1RB_Right_Ant1



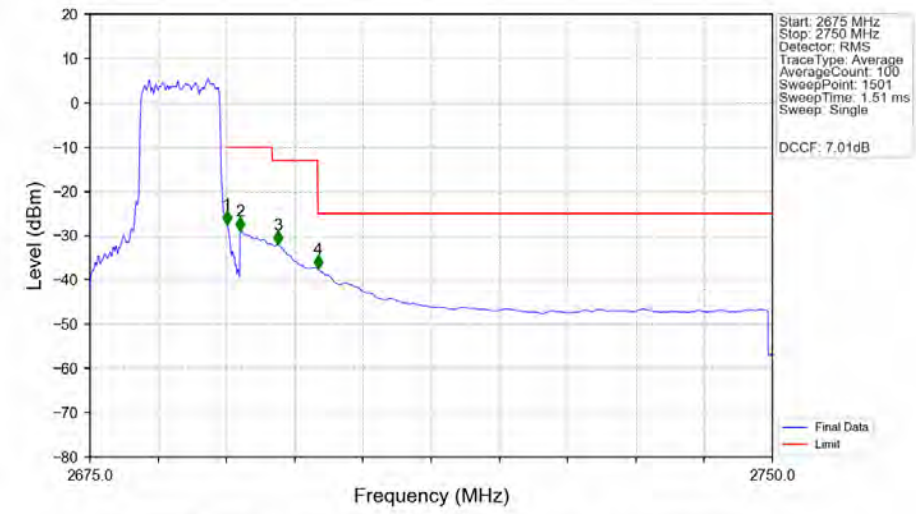

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 551.250 | -44.91 | -25 | Pass |

n41_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2685MHz_Edge_1RB_Right_Ant1




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2457.500 | -45.25 | -25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2700 | 1 | / | 2 | 2695.500 | -45.49 | -13 | Pass |
| 2700 | 26900 | 1 | / | 3 | 7969.000 | -42.34 | -25 | Pass |

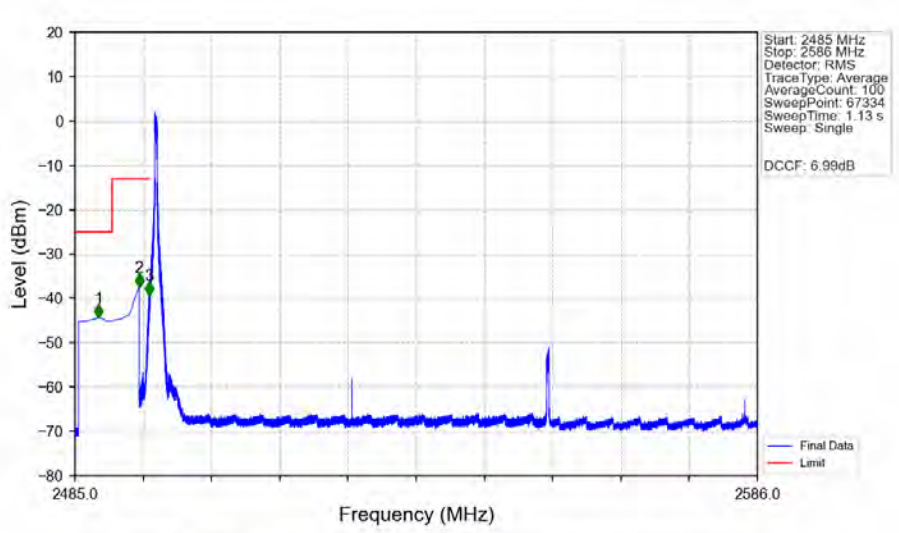
n41_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2685MHz_Outer_Full_Ant1




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2675 | 2690 | 0.198 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.198 | CHP | 1 | 2690.050 | -27.51 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.500 | -28.93 | -10 | Pass |
| 2695 | 2700 | 1 | CHP | 3 | 2695.650 | -32.07 | -13 | Pass |
| 2700 | 2750 | 1 | CHP | 4 | 2700.050 | -37.57 | -25 | Pass |

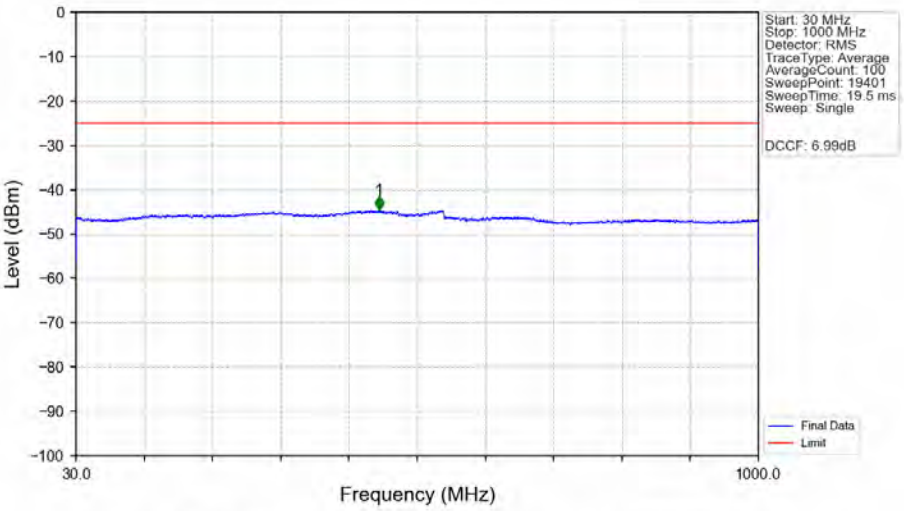
## 5.2.2 30_S_60M_NTNV

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_2526MHz_Edge_1RB_Left_Ant1



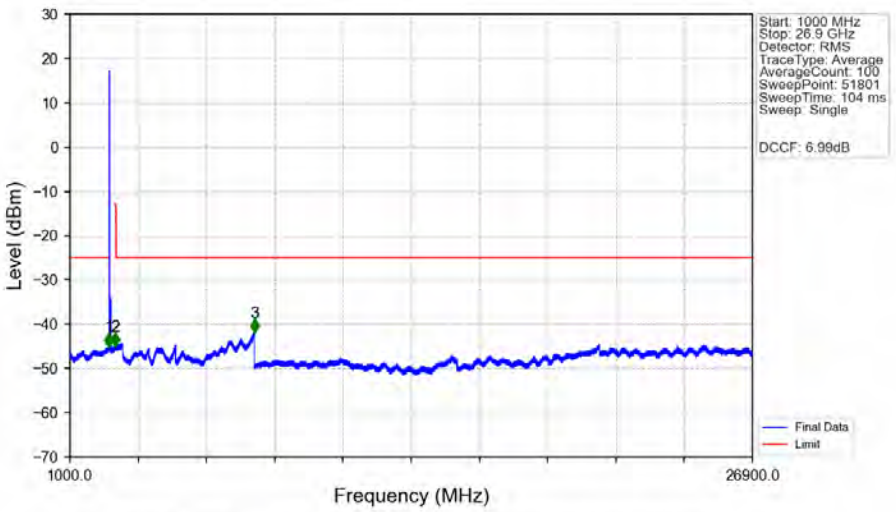

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2488.482 | -44.35 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.492 | -37.53 | -13 | Pass |
| 2495 | 2496 | 0.005 | CHP | 3 | 2495.994 | -39.40 | -13 | Pass |
| 2496 | 2586 | 0.005 | CHP | / | / | / | / | / |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_2526MHz_Edge_1RB_Left_Ant1



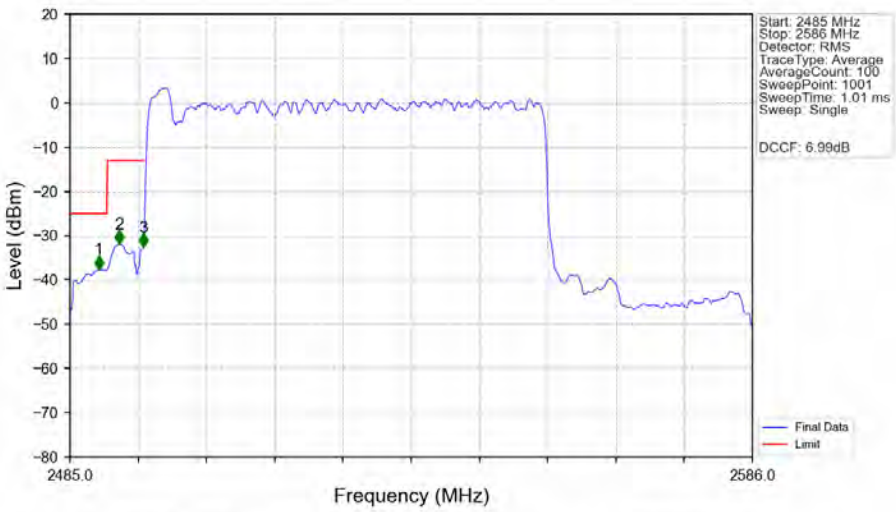

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 461.000 | -44.65 | 25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_2526MHz_Edge_1RB_Left_Ant1



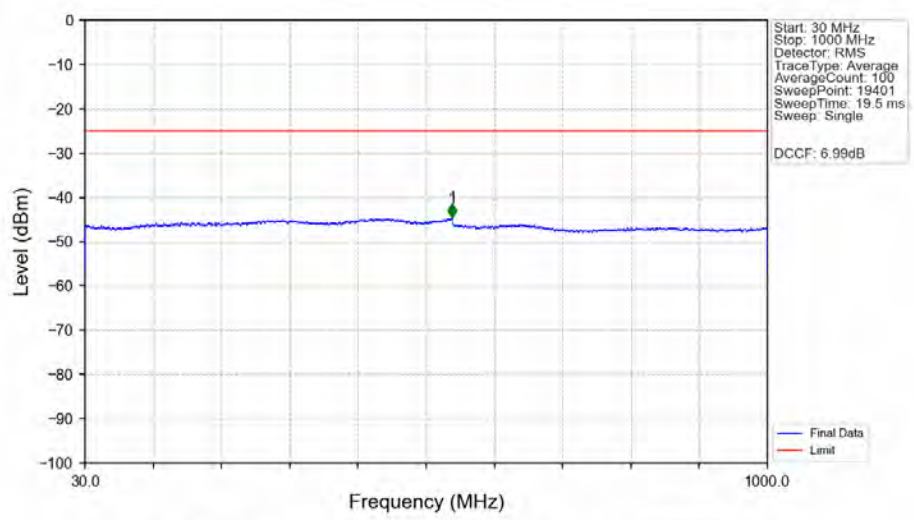

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2471.500 | -45.08 | 25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2750 | 1 | / | 2 | 2721.000 | -44.91 | -13 | Pass |
| 2750 | 26900 | 1 | / | 3 | 7995.500 | -41.93 | -25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_2526MHz_Outer_Full_Ant1



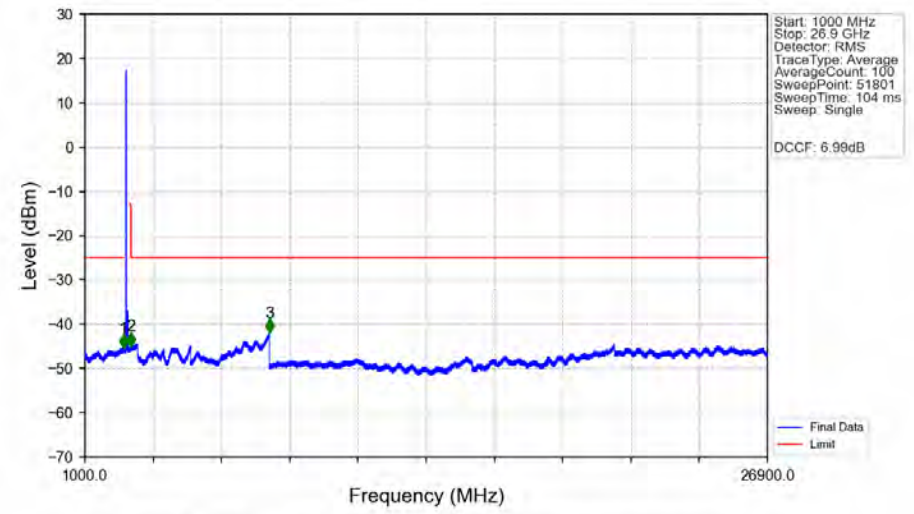

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2489.242 | -37.60 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2492.272 | -31.83 | -13 | Pass |
| 2495 | 2496 | 0.629 | CHP | 3 | 2495.908 | -32.66 | -13 | Pass |
| 2496 | 2586 | 0.629 | CHP | / | / | / | / | / |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Edge_1RB_Left_Ant1



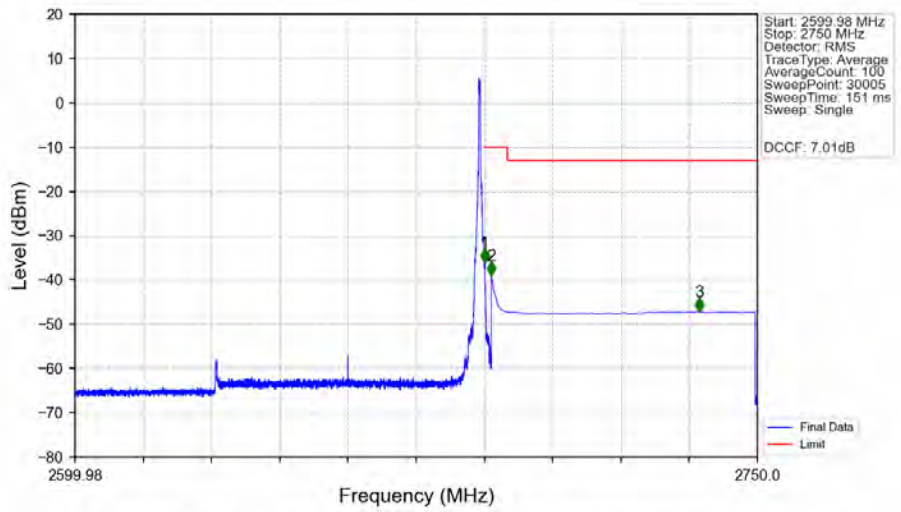

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 551.950 | -44.63 | 25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_2592.99MHz_Edge_1RB_Left_Ant1



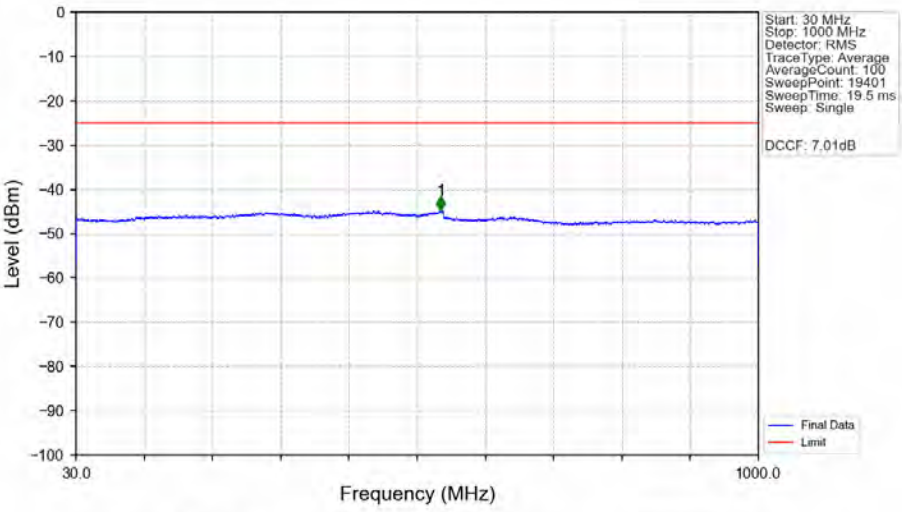

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2461.500 | -45.38 | 25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2750 | 1 | / | 2 | 2739.000 | -44.90 | -13 | Pass |
| 2750 | 26900 | 1 | / | 3 | 7995.500 | -41.84 | -25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_2659.98MHz_Edge_1RB_Right_Ant1



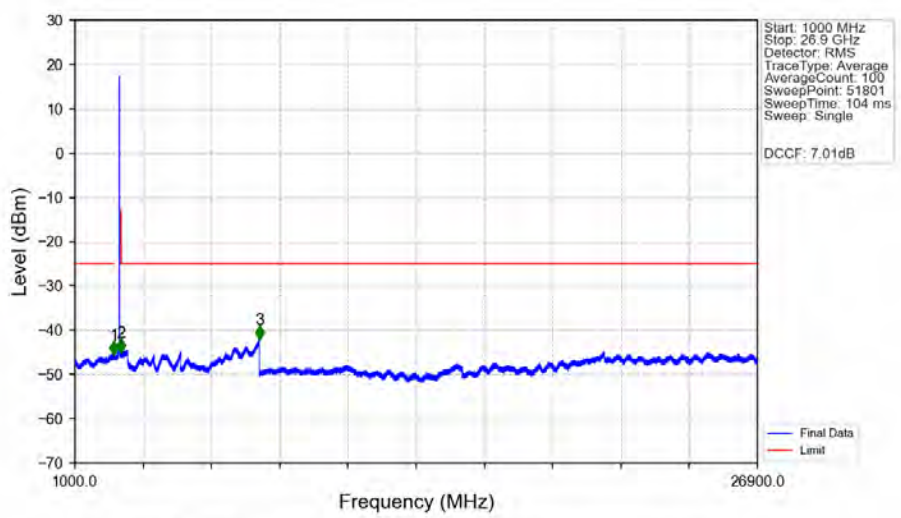

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2599.98 | 2690 | 0.02 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.02 | CHP | 1 | 2690.015 | -36.07 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.500 | -39.03 | -10 | Pass |
| 2695 | 2750 | 1 | CHP | 3 | 2737.175 | -47.11 | -13 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_2659.98MHz_Edge_1RB_Right_Ant1



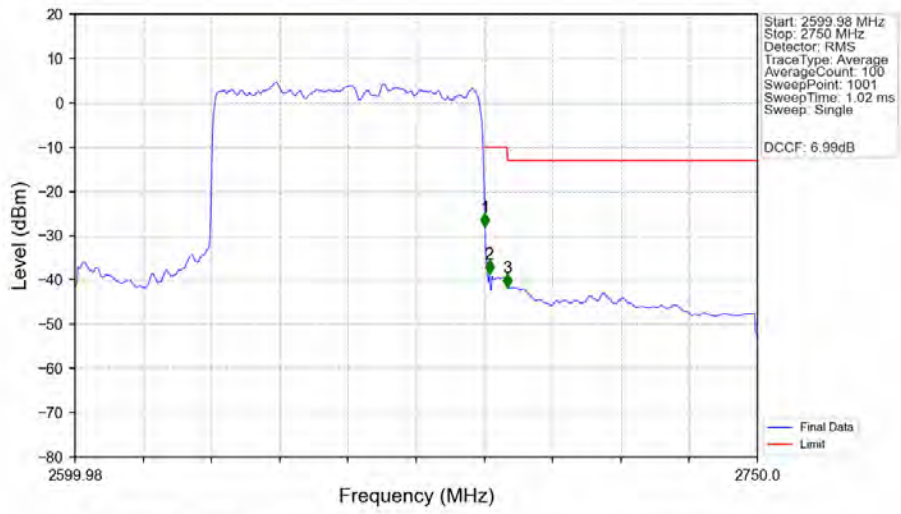

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 548.350 | -44.74 | 25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_2659.98MHz_Edge_1RB_Right_Ant1



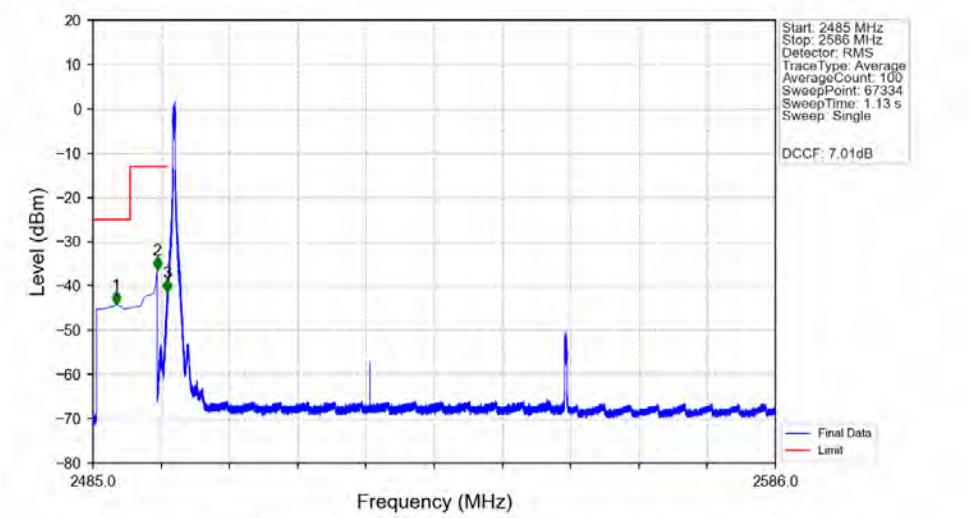

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2473.000 | -45.47 | -25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2750 | 1 | / | 2 | 2748.000 | -45.05 | -13 | Pass |
| 2750 | 26900 | 1 | / | 3 | 7998.500 | -42.14 | -25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM PI/2 BPSK_2659.98MHz_Outer_Full_Ant1



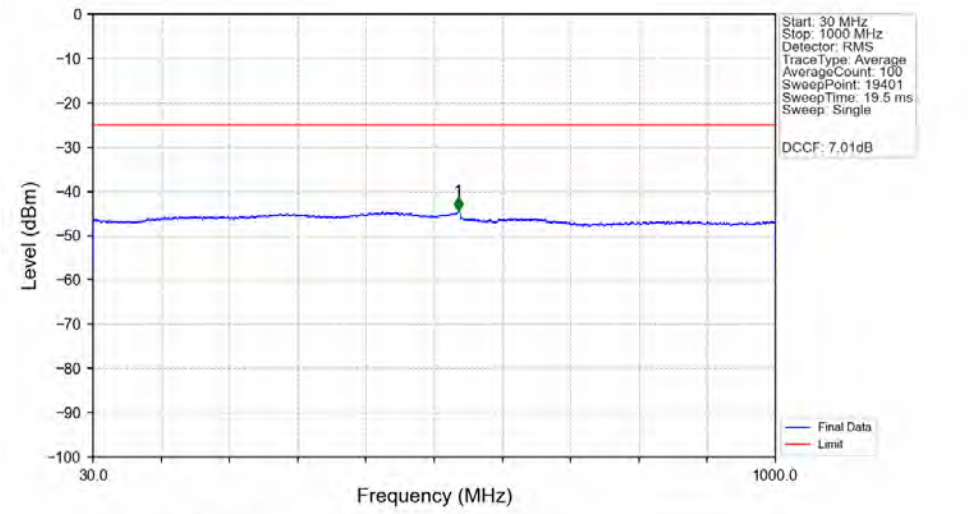

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2599.98 | 2690 | 1 | CHP | / | / | / | / | / |
| 2690 | 2691 | 1 | CHP | 1 | 2690.142 | -27.96 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.042 | -38.58 | -10 | Pass |
| 2695 | 2750 | 1 | CHP | 3 | 2695.093 | -41.65 | -13 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_2526MHz_Edge_1RB_Left_Ant1



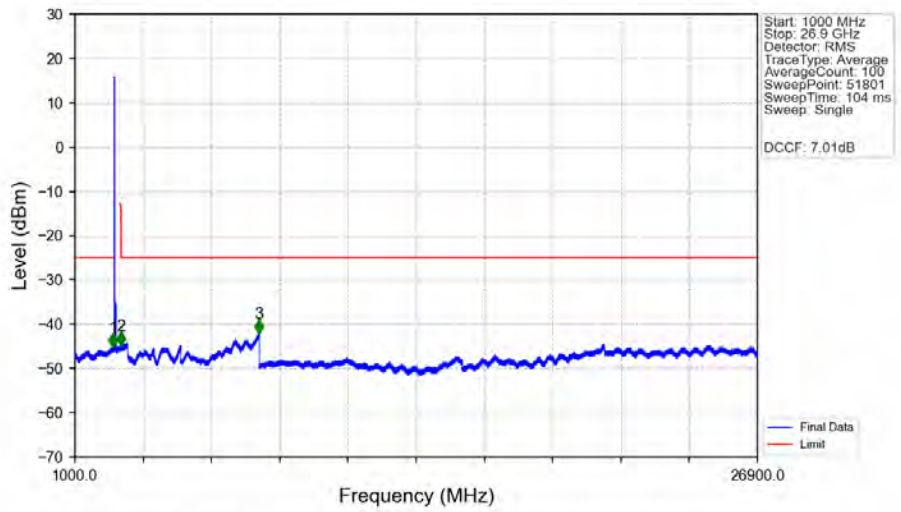

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2488.464 | -44.32 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.500 | -36.40 | -13 | Pass |
| 2495 | 2496 | 0.005 | CHP | 3 | 2495.992 | -41.43 | -13 | Pass |
| 2496 | 2586 | 0.005 | CHP | / | / | / | / | / |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_2526MHz_Edge_1RB_Left_Ant1



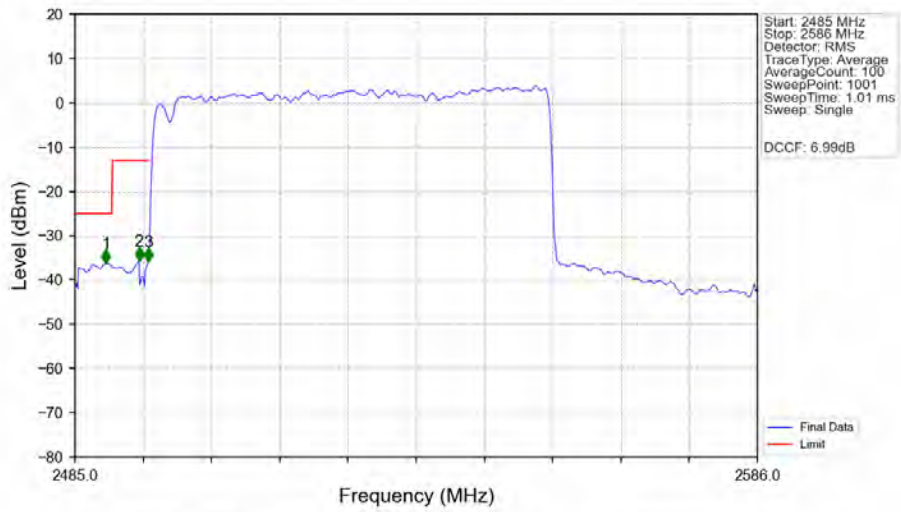

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 549.300 | -44.43 | 25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_2526MHz_Edge_1RB_Left_Ant1



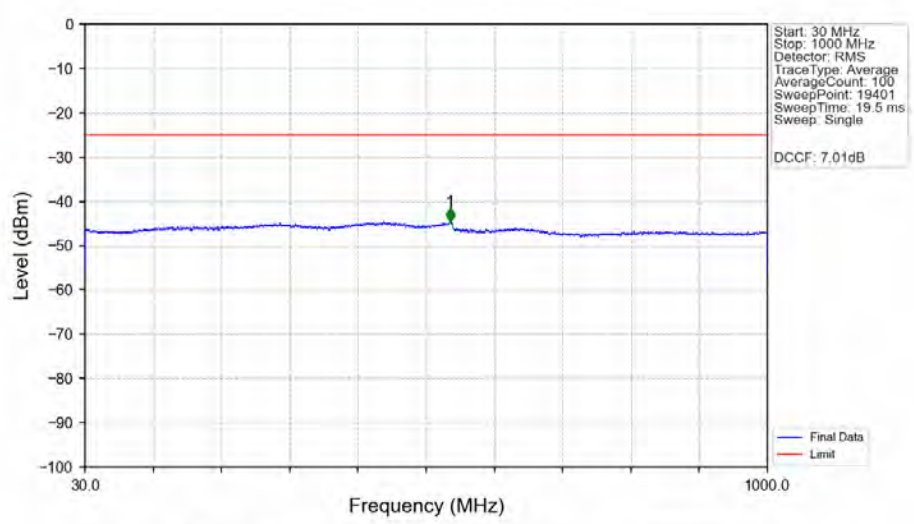

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2446.500 | -45.17 | 25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2750 | 1 | / | 2 | 2736.500 | -44.80 | -13 | Pass |
| 2750 | 26900 | 1 | / | 3 | 7989.500 | -42.06 | -25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_2526MHz_Outer_Full_Ant1



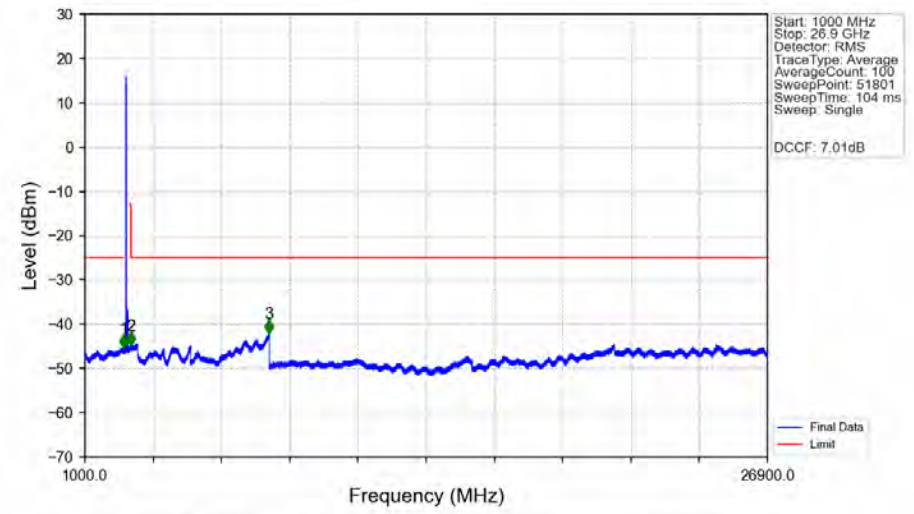

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2489.545 | -36.31 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.494 | -35.62 | -13 | Pass |
| 2495 | 2496 | 0.627 | CHP | 3 | 2495.908 | -35.83 | -13 | Pass |
| 2496 | 2586 | 0.627 | CHP | / | / | / | / | / |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_2592.99MHz_Edge_1RB_Left_Ant1



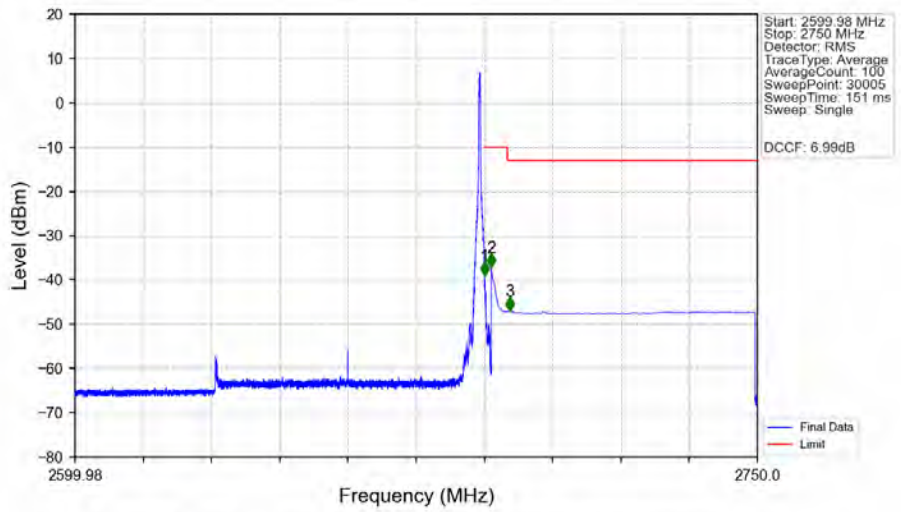

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 549.050 | -44.54 | -25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_2592.99MHz_Edge_1RB_Left_Ant1



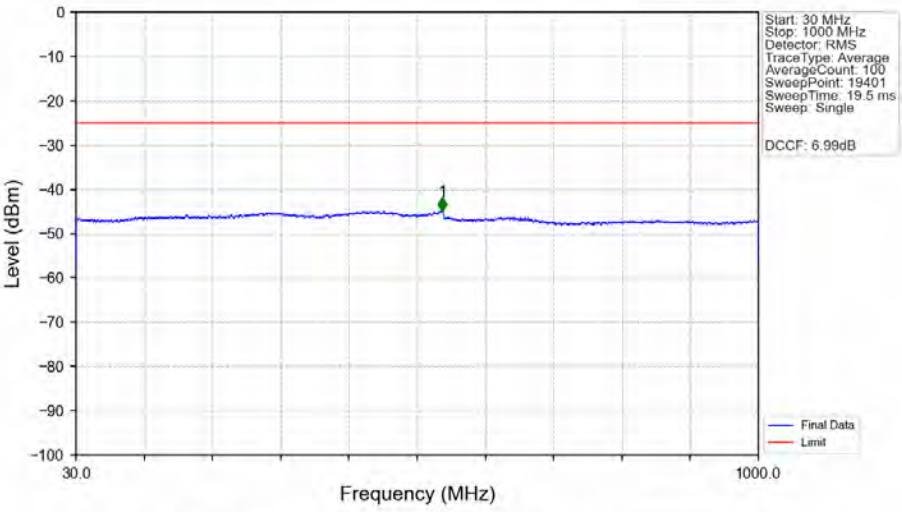

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2473.500 | -45.27 | -25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2750 | 1 | / | 2 | 2739.500 | -44.83 | -13 | Pass |
| 2750 | 26900 | 1 | / | 3 | 7971.000 | -42.07 | -25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_2659.98MHz_Edge_1RB_Right_Ant1



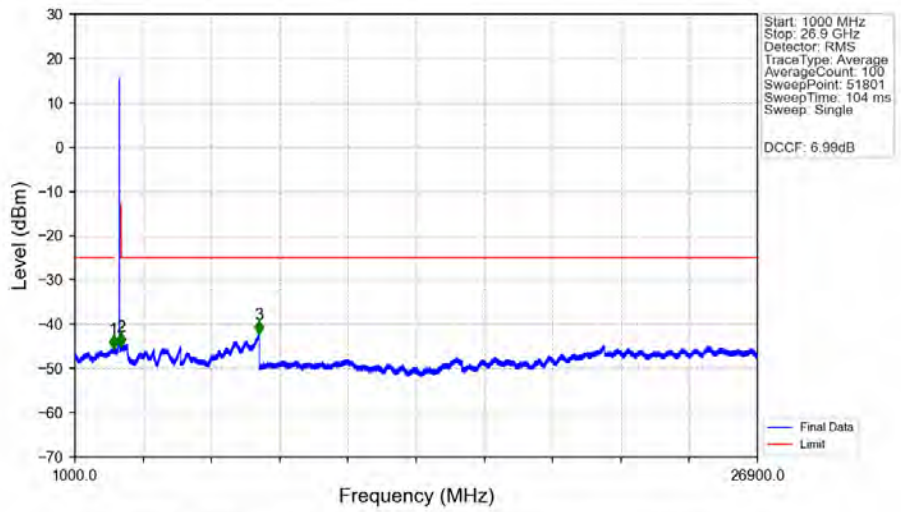

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2599.98 | 2690 | 0.02 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.02 | CHP | 1 | 2690.010 | -39.02 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.500 | -37.12 | -10 | Pass |
| 2695 | 2750 | 1 | CHP | 3 | 2695.595 | -46.93 | -13 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_2659.98MHz_Edge_1RB_Right_Ant1



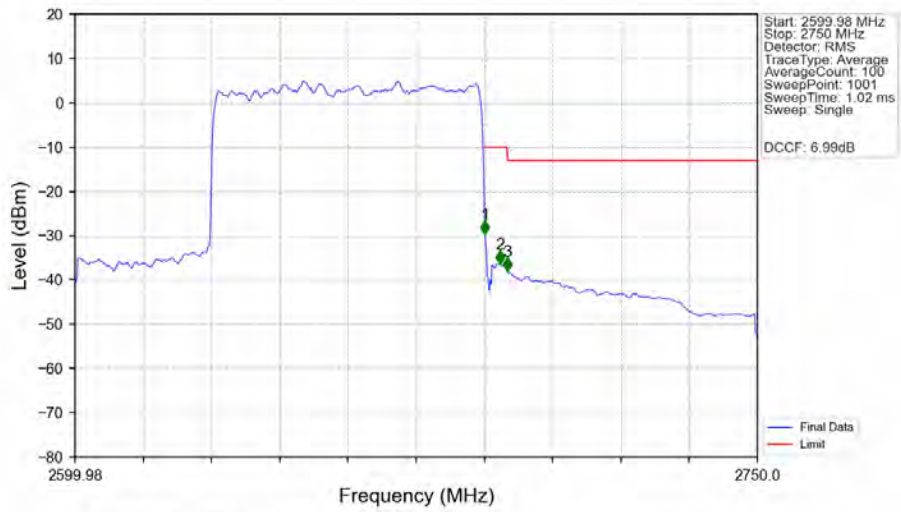

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 550.850 | -44.88 | 25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_2659.98MHz_Edge_1RB_Right_Ant1



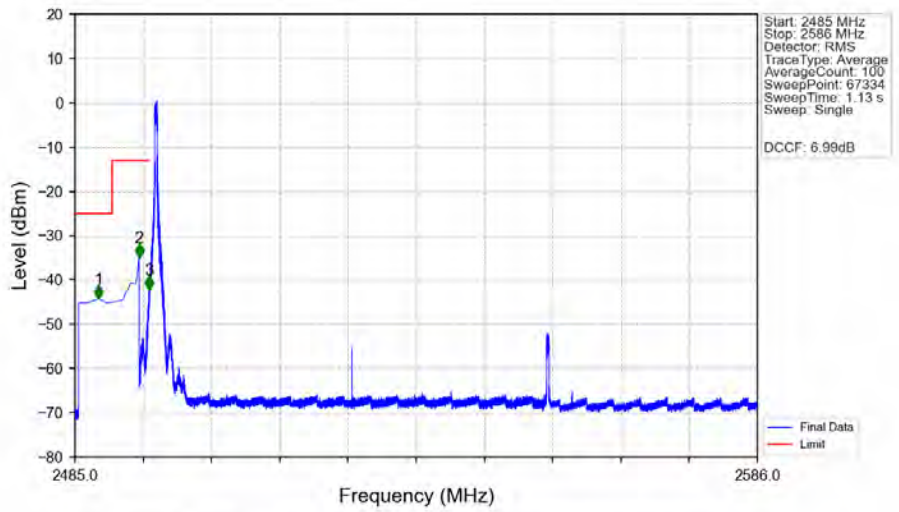

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2466.000 | -45.47 | 25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2750 | 1 | / | 2 | 2750.000 | -45.01 | -13 | Pass |
| 2750 | 26900 | 1 | / | 3 | 7972.000 | -42.32 | -25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_DFT-s-OFDM QPSK_2659.98MHz_Outer_Full_Ant1



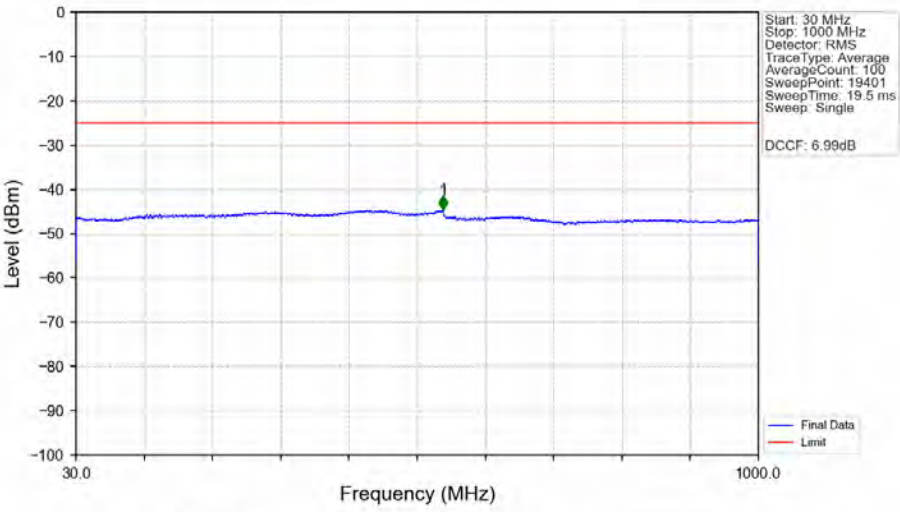

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2599.98 | 2690 | 1 | CHP | / | / | / | / | / |
| 2690 | 2691 | 1 | CHP | 1 | 2690.142 | -29.70 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2693.442 | -36.42 | -10 | Pass |
| 2695 | 2750 | 1 | CHP | 3 | 2695.093 | -38.11 | -13 | Pass |

n41_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_2526MHz_Edge_1RB_Left_Ant1



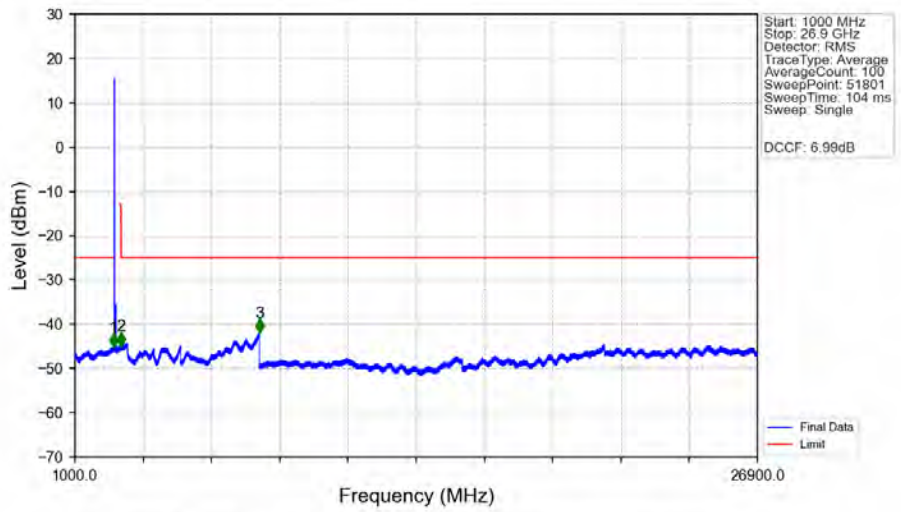

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2488.480 | -44.32 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.500 | -34.92 | -13 | Pass |
| 2495 | 2496 | 0.005 | CHP | 3 | 2495.997 | -42.20 | -13 | Pass |
| 2496 | 2586 | 0.005 | CHP | / | / | / | / | / |

n41_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_2526MHz_Edge_1RB_Left_Ant1



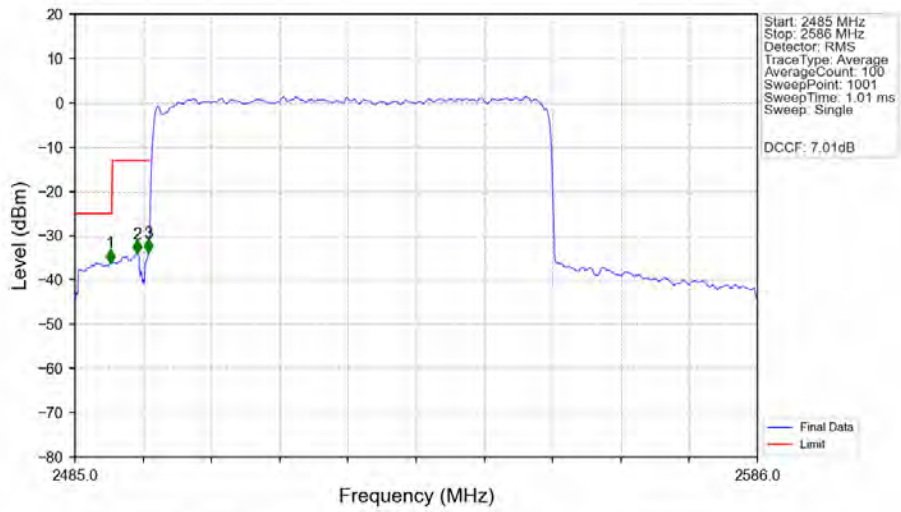

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 551.950 | -44.62 | 25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_2526MHz_Edge_1RB_Left_Ant1



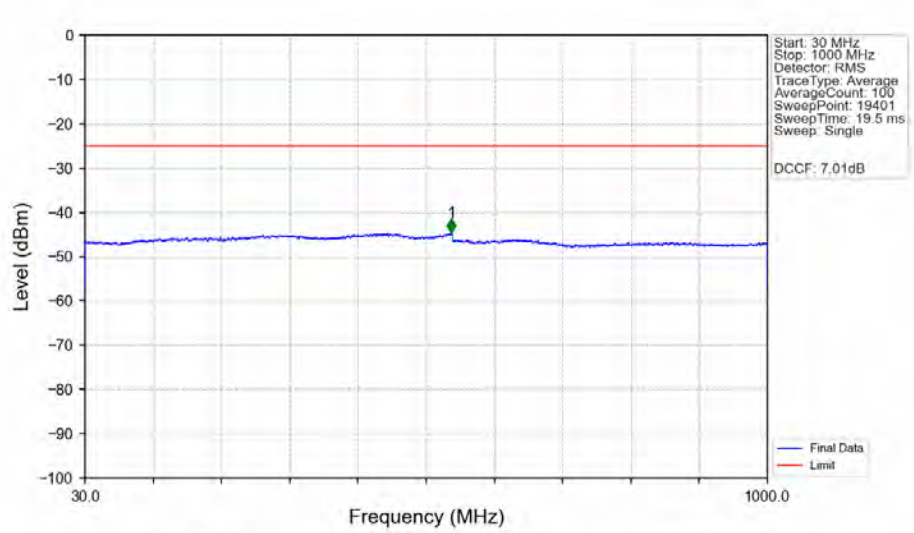

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2468.000 | -45.18 | 25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2750 | 1 | / | 2 | 2740.000 | -44.90 | -13 | Pass |
| 2750 | 26900 | 1 | / | 3 | 7998.000 | -41.96 | -25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_2526MHz_Outer_Full_Ant1



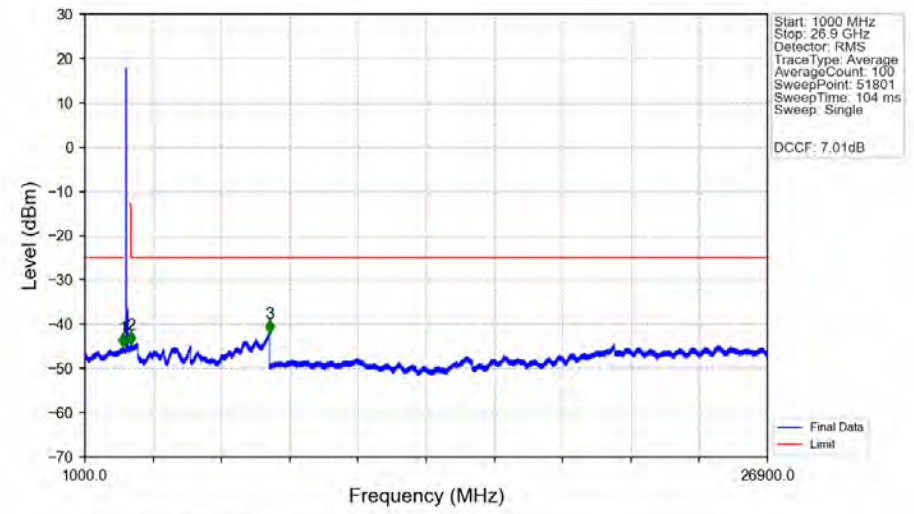

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2490.252 | -36.14 | 25 | Pass |
| 2490.5 | 2495 | 1 | CHP | 2 | 2494.191 | -34.13 | -13 | Pass |
| 2495 | 2496 | 0.63 | CHP | 3 | 2495.908 | -33.87 | -13 | Pass |
| 2496 | 2586 | 0.63 | CHP | / | / | / | / | / |

n41_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_2592.99MHz_Edge_1RB_Left_Ant1



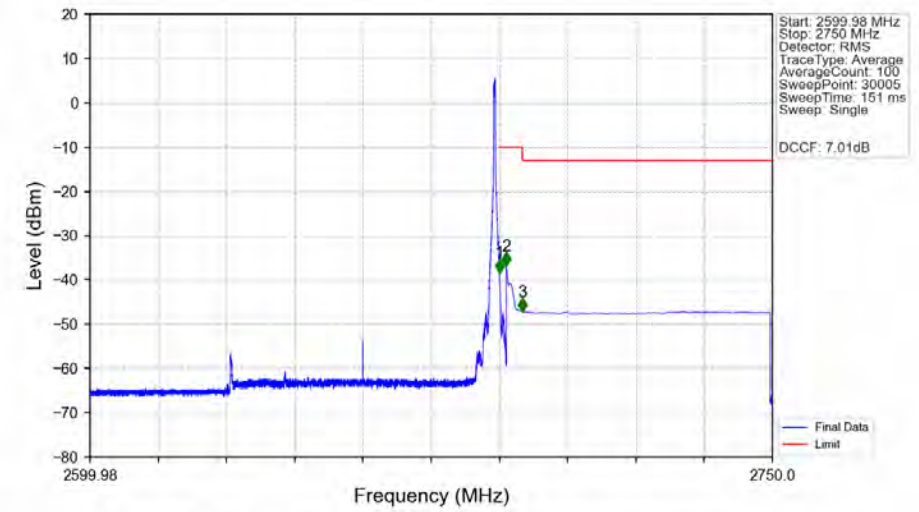

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 550.900 | -44.62 | 25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_2592.99MHz_Edge_1RB_Left_Ant1



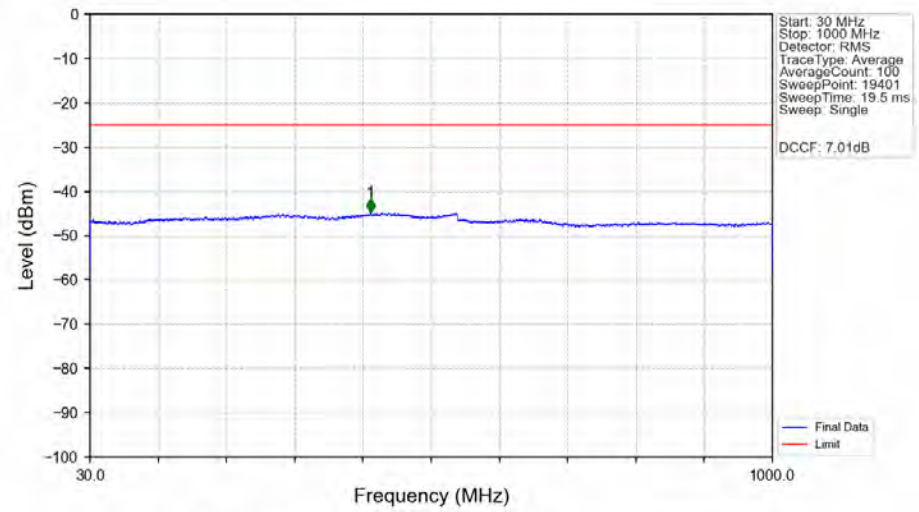

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2450.500 | -45.15 | 25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2750 | 1 | / | 2 | 2743.000 | -44.66 | -13 | Pass |
| 2750 | 26900 | 1 | / | 3 | 7996.000 | -42.00 | -25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_2659.98MHz_Edge_1RB_Right_Ant1



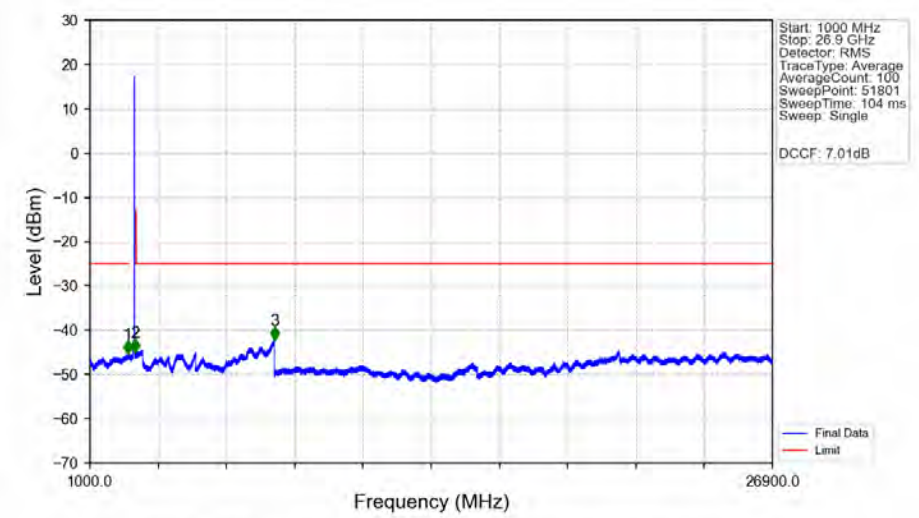

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2599.98 | 2690 | 0.02 | CHP | / | / | / | / | / |
| 2690 | 2691 | 0.02 | CHP | 1 | 2690.005 | -38.32 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.500 | -36.81 | -10 | Pass |
| 2695 | 2750 | 1 | CHP | 3 | 2695.010 | -47.12 | -13 | Pass |

n41_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_2659.98MHz_Edge_1RB_Right_Ant1



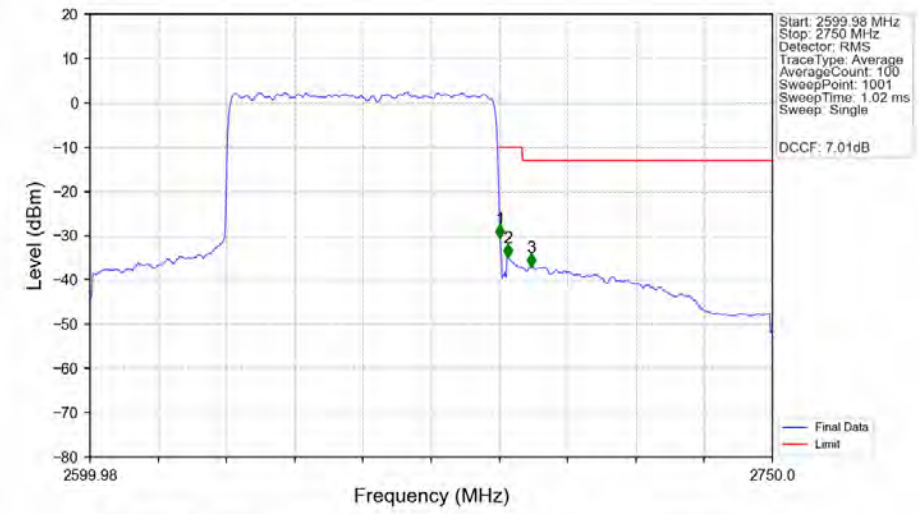

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 428.500 | -44.75 | -25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_2659.98MHz_Edge_1RB_Right_Ant1




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2437.000 | -45.33 | 25 | Pass |
| 2490.5 | 2695 | 1 | / | / | / | / | / | / |
| 2695 | 2750 | 1 | / | 2 | 2729.500 | -45.01 | -13 | Pass |
| 2750 | 26900 | 1 | / | 3 | 7996.000 | -42.24 | -25 | Pass |

n41_30kHz_SISO_NTNV_60MHz_CP-OFDM QPSK_2659.98MHz_Outer_Full_Ant1




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2599.98 | 2690 | 1 | CHP | / | / | / | / | / |
| 2690 | 2691 | 1 | CHP | 1 | 2690.142 | -30.57 | -10 | Pass |
| 2691 | 2695 | 1 | CHP | 2 | 2691.792 | -35.01 | -10 | Pass |
| 2695 | 2750 | 1 | CHP | 3 | 2697.043 | -37.06 | -13 | Pass |