# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 30k_SISO_10MHz_NTNV_EIRP

| 5G NR n38 SCS=30kHz SISO 10MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant3 | Ant2 | Sum | Ant3 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2575 | Edge_1RB_Left | 22.06 | / | / | 20.57 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.19 | / | / | 20.70 | / | / | <=33 | Pass |
| | | Outer_Full | 22.03 | / | / | 20.54 | / | / | <=33 | Pass |
| | | Inner_Full | 22.80 | / | / | 21.31 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.83 | / | / | 21.34 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.86 | / | / | 21.37 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 21.96 | / | / | 20.47 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.83 | / | / | 20.34 | / | / | <=33 | Pass |
| | | Outer_Full | 21.77 | / | / | 20.28 | / | / | <=33 | Pass |
| | | Inner_Full | 22.50 | / | / | 21.01 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.72 | / | / | 21.23 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.72 | / | / | 21.23 | / | / | <=33 | Pass |
| | 2615 | Edge_1RB_Left | 21.81 | / | / | 20.32 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.90 | / | / | 20.41 | / | / | <=33 | Pass |
| | | Outer_Full | 22.07 | / | / | 20.58 | / | / | <=33 | Pass |
| | | Inner_Full | 22.69 | / | / | 21.20 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.62 | / | / | 21.13 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.87 | / | / | 21.38 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2575 | Edge_1RB_Left | 21.44 | / | / | 19.95 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.46 | / | / | 19.97 | / | / | <=33 | Pass |
| | | Outer_Full | 21.76 | / | / | 20.27 | / | / | <=33 | Pass |
| | | Inner_Full | 22.79 | / | / | 21.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.71 | / | / | 21.22 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.82 | / | / | 21.33 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 21.29 | / | / | 19.80 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.55 | / | / | 20.06 | / | / | <=33 | Pass |
| | | Outer_Full | 21.28 | / | / | 19.79 | / | / | <=33 | Pass |
| | | Inner_Full | 22.89 | / | / | 21.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.66 | / | / | 21.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.56 | / | / | 21.07 | / | / | <=33 | Pass |
| | 2615 | Edge_1RB_Left | 21.51 | / | / | 20.02 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.53 | / | / | 20.04 | / | / | <=33 | Pass |
| | | Outer_Full | 21.38 | / | / | 19.89 | / | / | <=33 | Pass |
| | | Inner_Full | 22.67 | / | / | 21.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.74 | / | / | 21.25 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.83 | / | / | 21.34 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2575 | Edge_1RB_Left | 20.35 | / | / | 18.86 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.31 | / | / | 18.82 | / | / | <=33 | Pass |
| | | Outer_Full | 20.37 | / | / | 18.88 | / | / | <=33 | Pass |
| | | Inner_Full | 21.61 | / | / | 20.12 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.46 | / | / | 19.97 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.79 | / | / | 20.30 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 20.26 | / | / | 18.77 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.32 | / | / | 18.83 | / | / | <=33 | Pass |
| | | Outer_Full | 20.56 | / | / | 19.07 | / | / | <=33 | Pass |
| | | Inner_Full | 21.66 | / | / | 20.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.34 | / | / | 19.85 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Right | 21.35 | / | / | 19.86 | / | / | <=33 | Pass |
| | 2615 | Edge_1RB_Left | 20.22 | / | / | 18.73 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.40 | / | / | 18.91 | / | / | <=33 | Pass |
| | | Outer_Full | 20.27 | / | / | 18.78 | / | / | <=33 | Pass |
| | | Inner_Full | 21.59 | / | / | 20.10 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.36 | / | / | 19.87 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.39 | / | / | 19.90 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2575 | Edge_1RB_Left | 19.65 | / | / | 18.16 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.96 | / | / | 18.47 | / | / | <=33 | Pass |
| | | Outer_Full | 19.88 | / | / | 18.39 | / | / | <=33 | Pass |
| | | Inner_Full | 19.80 | / | / | 18.31 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.80 | / | / | 18.31 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.00 | / | / | 18.51 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.90 | / | / | 18.41 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.74 | / | / | 18.25 | / | / | <=33 | Pass |
| | | Outer_Full | 19.71 | / | / | 18.22 | / | / | <=33 | Pass |
| | | Inner_Full | 19.57 | / | / | 18.08 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.93 | / | / | 18.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.71 | / | / | 18.22 | / | / | <=33 | Pass |
| | 2615 | Edge_1RB_Left | 19.65 | / | / | 18.16 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.06 | / | / | 18.57 | / | / | <=33 | Pass |
| | | Outer_Full | 19.79 | / | / | 18.30 | / | / | <=33 | Pass |
| | | Inner_Full | 19.94 | / | / | 18.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.86 | / | / | 18.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.04 | / | / | 18.55 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2575 | Edge_1RB_Left | 17.18 | / | / | 15.69 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.32 | / | / | 15.83 | / | / | <=33 | Pass |
| | | Outer_Full | 17.51 | / | / | 16.02 | / | / | <=33 | Pass |
| | | Inner_Full | 17.30 | / | / | 15.81 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.29 | / | / | 15.80 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.21 | / | / | 15.72 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 16.94 | / | / | 15.45 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.36 | / | / | 15.87 | / | / | <=33 | Pass |
| | | Outer_Full | 17.38 | / | / | 15.89 | / | / | <=33 | Pass |
| | | Inner_Full | 17.25 | / | / | 15.76 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.23 | / | / | 15.74 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.01 | / | / | 15.52 | / | / | <=33 | Pass |
| | 2615 | Edge_1RB_Left | 17.02 | / | / | 15.53 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.09 | / | / | 15.60 | / | / | <=33 | Pass |
| | | Outer_Full | 17.04 | / | / | 15.55 | / | / | <=33 | Pass |
| | | Inner_Full | 17.32 | / | / | 15.83 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.10 | / | / | 15.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.45 | / | / | 15.96 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2575 | Edge_1RB_Left | 19.41 | / | / | 17.92 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.78 | / | / | 18.29 | / | / | <=33 | Pass |
| | | Outer_Full | 19.67 | / | / | 18.18 | / | / | <=33 | Pass |
| | | Inner_Full | 21.03 | / | / | 19.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.04 | / | / | 19.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.04 | / | / | 19.55 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.04 | / | / | 17.55 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.00 | / | / | 17.51 | / | / | <=33 | Pass |
| | | Outer_Full | 19.15 | / | / | 17.66 | / | / | <=33 | Pass |
| | | Inner_Full | 21.15 | / | / | 19.66 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.16 | / | / | 19.67 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.05 | / | / | 19.56 | / | / | <=33 | Pass |
| | 2615 | Edge_1RB_Left | 18.99 | / | / | 17.50 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.24 | / | / | 17.75 | / | / | <=33 | Pass |
| | | Outer_Full | 19.47 | / | / | 17.98 | / | / | <=33 | Pass |
| | | Inner_Full | 20.90 | / | / | 19.41 | / | / | <=33 | Pass |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | Inner_1RB_Left | 21.14 | / | / | 19.65 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.14 | / | / | 19.65 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2575 | Edge_1RB_Left | 19.07 | / | / | 17.58 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.97 | / | / | 17.48 | / | / | <=33 | Pass |
| | | Outer_Full | 19.41 | / | / | 17.92 | / | / | <=33 | Pass |
| | | Inner_Full | 20.38 | / | / | 18.89 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.50 | / | / | 19.01 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.52 | / | / | 19.03 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.07 | / | / | 17.58 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.09 | / | / | 17.60 | / | / | <=33 | Pass |
| | | Outer_Full | 19.17 | / | / | 17.68 | / | / | <=33 | Pass |
| | | Inner_Full | 20.67 | / | / | 19.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.46 | / | / | 18.97 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.35 | / | / | 18.86 | / | / | <=33 | Pass |
| | 2615 | Edge_1RB_Left | 18.94 | / | / | 17.45 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.23 | / | / | 17.74 | / | / | <=33 | Pass |
| | | Outer_Full | 19.14 | / | / | 17.65 | / | / | <=33 | Pass |
| | | Inner_Full | 20.66 | / | / | 19.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.38 | / | / | 18.89 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.43 | / | / | 18.94 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2575 | Edge_1RB_Left | 18.96 | / | / | 17.47 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.62 | / | / | 17.13 | / | / | <=33 | Pass |
| | | Outer_Full | 18.69 | / | / | 17.20 | / | / | <=33 | Pass |
| | | Inner_Full | 18.47 | / | / | 16.98 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 18.85 | / | / | 17.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.98 | / | / | 17.49 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 18.56 | / | / | 17.07 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.66 | / | / | 17.17 | / | / | <=33 | Pass |
| | | Outer_Full | 18.40 | / | / | 16.91 | / | / | <=33 | Pass |
| | | Inner_Full | 18.44 | / | / | 16.95 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.03 | / | / | 17.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.91 | / | / | 17.42 | / | / | <=33 | Pass |
| | 2615 | Edge_1RB_Left | 19.01 | / | / | 17.52 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.49 | / | / | 17.00 | / | / | <=33 | Pass |
| | | Outer_Full | 18.55 | / | / | 17.06 | / | / | <=33 | Pass |
| | | Inner_Full | 18.72 | / | / | 17.23 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 18.56 | / | / | 17.07 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.65 | / | / | 17.16 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2575 | Edge_1RB_Left | 16.61 | / | / | 15.12 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.29 | / | / | 12.80 | / | / | <=33 | Pass |
| | | Outer_Full | 14.06 | / | / | 12.57 | / | / | <=33 | Pass |
| | | Inner_Full | 14.66 | / | / | 13.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.27 | / | / | 12.78 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.65 | / | / | 13.16 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 14.32 | / | / | 12.83 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.20 | / | / | 12.71 | / | / | <=33 | Pass |
| | | Outer_Full | 14.36 | / | / | 12.87 | / | / | <=33 | Pass |
| | | Inner_Full | 14.30 | / | / | 12.81 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.82 | / | / | 13.33 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.36 | / | / | 12.87 | / | / | <=33 | Pass |
| | 2615 | Edge_1RB_Left | 14.27 | / | / | 12.78 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.46 | / | / | 12.97 | / | / | <=33 | Pass |
| | | Outer_Full | 14.20 | / | / | 12.71 | / | / | <=33 | Pass |
| | | Inner_Full | 14.18 | / | / | 12.69 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.47 | / | / | 12.98 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.28 | / | / | 12.79 | / | / | <=33 | Pass |

Note1: Antenna Gain: Ant3: -1.49dBi;
Note2: EIRP=Conducted Power+Antenna Gain

## 1.1.2 30k_SISO_15MHz_NTNV_EIRP

| 5G NR n38 SCS=30kHz SISO 15MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant3 | Ant2 | Sum | Ant3 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2577.5 | Edge_1RB_Left | 22.19 | / | / | 20.70 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.16 | / | / | 20.67 | / | / | <=33 | Pass |
| | | Outer_Full | 22.34 | / | / | 20.85 | / | / | <=33 | Pass |
| | | Inner_Full | 22.86 | / | / | 21.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.69 | / | / | 21.20 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.94 | / | / | 21.45 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 22.13 | / | / | 20.64 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.26 | / | / | 20.77 | / | / | <=33 | Pass |
| | | Outer_Full | 22.00 | / | / | 20.51 | / | / | <=33 | Pass |
| | | Inner_Full | 22.67 | / | / | 21.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.67 | / | / | 21.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.87 | / | / | 21.38 | / | / | <=33 | Pass |
| | 2612.5 | Edge_1RB_Left | 22.27 | / | / | 20.78 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.38 | / | / | 20.89 | / | / | <=33 | Pass |
| | | Outer_Full | 22.30 | / | / | 20.81 | / | / | <=33 | Pass |
| | | Inner_Full | 23.03 | / | / | 21.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.82 | / | / | 21.33 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.99 | / | / | 21.50 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2577.5 | Edge_1RB_Left | 21.41 | / | / | 19.92 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.69 | / | / | 20.20 | / | / | <=33 | Pass |
| | | Outer_Full | 21.50 | / | / | 20.01 | / | / | <=33 | Pass |
| | | Inner_Full | 22.99 | / | / | 21.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.75 | / | / | 21.26 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.82 | / | / | 21.33 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 21.44 | / | / | 19.95 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.59 | / | / | 20.10 | / | / | <=33 | Pass |
| | | Outer_Full | 21.53 | / | / | 20.04 | / | / | <=33 | Pass |
| | | Inner_Full | 22.61 | / | / | 21.12 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.90 | / | / | 21.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.74 | / | / | 21.25 | / | / | <=33 | Pass |
| | 2612.5 | Edge_1RB_Left | 21.57 | / | / | 20.08 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.69 | / | / | 20.20 | / | / | <=33 | Pass |
| | | Outer_Full | 21.60 | / | / | 20.11 | / | / | <=33 | Pass |
| | | Inner_Full | 23.03 | / | / | 21.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.98 | / | / | 21.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.87 | / | / | 21.38 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2577.5 | Edge_1RB_Left | 20.61 | / | / | 19.12 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.30 | / | / | 18.81 | / | / | <=33 | Pass |
| | | Outer_Full | 20.72 | / | / | 19.23 | / | / | <=33 | Pass |
| | | Inner_Full | 21.38 | / | / | 19.89 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.73 | / | / | 20.24 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.59 | / | / | 20.10 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 20.60 | / | / | 19.11 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.20 | / | / | 18.71 | / | / | <=33 | Pass |
| | | Outer_Full | 20.28 | / | / | 18.79 | / | / | <=33 | Pass |
| | | Inner_Full | 21.50 | / | / | 20.01 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.40 | / | / | 19.91 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.49 | / | / | 20.00 | / | / | <=33 | Pass |
| | 2612.5 | Edge_1RB_Left | 20.73 | / | / | 19.24 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.66 | / | / | 19.17 | / | / | <=33 | Pass |
| | | Outer_Full | 20.52 | / | / | 19.03 | / | / | <=33 | Pass |
| | | Inner_Full | 21.66 | / | / | 20.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.58 | / | / | 20.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.69 | / | / | 20.20 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2577.5 | Edge_1RB_Left | 19.78 | / | / | 18.29 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 19.89 | / | / | 18.40 | / | / | <=33 | Pass |
| | | Outer_Full | 19.90 | / | / | 18.41 | / | / | <=33 | Pass |
| | | Inner_Full | 20.14 | / | / | 18.65 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.91 | / | / | 18.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.08 | / | / | 18.59 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 20.02 | / | / | 18.53 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.71 | / | / | 18.22 | / | / | <=33 | Pass |
| | | Outer_Full | 19.85 | / | / | 18.36 | / | / | <=33 | Pass |
| | | Inner_Full | 19.61 | / | / | 18.12 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.94 | / | / | 18.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.91 | / | / | 18.42 | / | / | <=33 | Pass |
| | 2612.5 | Edge_1RB_Left | 20.04 | / | / | 18.55 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.32 | / | / | 18.83 | / | / | <=33 | Pass |
| | | Outer_Full | 20.21 | / | / | 18.72 | / | / | <=33 | Pass |
| | | Inner_Full | 20.11 | / | / | 18.62 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.21 | / | / | 18.72 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.24 | / | / | 18.75 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2577.5 | Edge_1RB_Left | 17.13 | / | / | 15.64 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.79 | / | / | 16.30 | / | / | <=33 | Pass |
| | | Outer_Full | 17.46 | / | / | 15.97 | / | / | <=33 | Pass |
| | | Inner_Full | 17.33 | / | / | 15.84 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.47 | / | / | 15.98 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.41 | / | / | 15.92 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 17.06 | / | / | 15.57 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.36 | / | / | 15.87 | / | / | <=33 | Pass |
| | | Outer_Full | 17.72 | / | / | 16.23 | / | / | <=33 | Pass |
| | | Inner_Full | 17.32 | / | / | 15.83 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.37 | / | / | 15.88 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.31 | / | / | 15.82 | / | / | <=33 | Pass |
| | 2612.5 | Edge_1RB_Left | 17.40 | / | / | 15.91 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.36 | / | / | 15.87 | / | / | <=33 | Pass |
| | | Outer_Full | 17.74 | / | / | 16.25 | / | / | <=33 | Pass |
| | | Inner_Full | 17.69 | / | / | 16.20 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.56 | / | / | 16.07 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.35 | / | / | 15.86 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2577.5 | Edge_1RB_Left | 19.30 | / | / | 17.81 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.43 | / | / | 17.94 | / | / | <=33 | Pass |
| | | Outer_Full | 19.41 | / | / | 17.92 | / | / | <=33 | Pass |
| | | Inner_Full | 21.33 | / | / | 19.84 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.17 | / | / | 19.68 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.23 | / | / | 19.74 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.31 | / | / | 17.82 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.24 | / | / | 17.75 | / | / | <=33 | Pass |
| | | Outer_Full | 19.15 | / | / | 17.66 | / | / | <=33 | Pass |
| | | Inner_Full | 21.31 | / | / | 19.82 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.19 | / | / | 19.70 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.24 | / | / | 19.75 | / | / | <=33 | Pass |
| | 2612.5 | Edge_1RB_Left | 19.66 | / | / | 18.17 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.56 | / | / | 18.07 | / | / | <=33 | Pass |
| | | Outer_Full | 19.47 | / | / | 17.98 | / | / | <=33 | Pass |
| | | Inner_Full | 21.38 | / | / | 19.89 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.46 | / | / | 19.97 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.39 | / | / | 19.90 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2577.5 | Edge_1RB_Left | 19.51 | / | / | 18.02 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.25 | / | / | 17.76 | / | / | <=33 | Pass |
| | | Outer_Full | 19.42 | / | / | 17.93 | / | / | <=33 | Pass |
| | | Inner_Full | 20.67 | / | / | 19.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.79 | / | / | 19.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.45 | / | / | 18.96 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2595 | Edge_1RB_Left | 19.22 | / | / | 17.73 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.16 | / | / | 17.67 | / | / | <=33 | Pass |
| | | Outer_Full | 19.42 | / | / | 17.93 | / | / | <=33 | Pass |
| | | Inner_Full | 20.39 | / | / | 18.90 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.35 | / | / | 18.86 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.47 | / | / | 18.98 | / | / | <=33 | Pass |
| | 2612.5 | Edge_1RB_Left | 19.35 | / | / | 17.86 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.35 | / | / | 17.86 | / | / | <=33 | Pass |
| | | Outer_Full | 19.67 | / | / | 18.18 | / | / | <=33 | Pass |
| | | Inner_Full | 20.86 | / | / | 19.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.95 | / | / | 19.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.80 | / | / | 19.31 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2577.5 | Edge_1RB_Left | 18.66 | / | / | 17.17 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.20 | / | / | 17.71 | / | / | <=33 | Pass |
| | | Outer_Full | 18.33 | / | / | 16.84 | / | / | <=33 | Pass |
| | | Inner_Full | 18.82 | / | / | 17.33 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 18.86 | / | / | 17.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.94 | / | / | 17.45 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 18.85 | / | / | 17.36 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.86 | / | / | 17.37 | / | / | <=33 | Pass |
| | | Outer_Full | 18.64 | / | / | 17.15 | / | / | <=33 | Pass |
| | | Inner_Full | 18.53 | / | / | 17.04 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 18.69 | / | / | 17.20 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.85 | / | / | 17.36 | / | / | <=33 | Pass |
| | 2612.5 | Edge_1RB_Left | 18.81 | / | / | 17.32 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.41 | / | / | 17.92 | / | / | <=33 | Pass |
| | | Outer_Full | 18.70 | / | / | 17.21 | / | / | <=33 | Pass |
| | | Inner_Full | 18.98 | / | / | 17.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 18.86 | / | / | 17.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.11 | / | / | 17.62 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2577.5 | Edge_1RB_Left | 14.53 | / | / | 13.04 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.78 | / | / | 13.29 | / | / | <=33 | Pass |
| | | Outer_Full | 14.54 | / | / | 13.05 | / | / | <=33 | Pass |
| | | Inner_Full | 14.94 | / | / | 13.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.85 | / | / | 13.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.77 | / | / | 13.28 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 14.47 | / | / | 12.98 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.43 | / | / | 12.94 | / | / | <=33 | Pass |
| | | Outer_Full | 14.25 | / | / | 12.76 | / | / | <=33 | Pass |
| | | Inner_Full | 14.37 | / | / | 12.88 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.73 | / | / | 13.24 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.41 | / | / | 12.92 | / | / | <=33 | Pass |
| | 2612.5 | Edge_1RB_Left | 15.18 | / | / | 13.69 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.77 | / | / | 13.28 | / | / | <=33 | Pass |
| | | Outer_Full | 15.09 | / | / | 13.60 | / | / | <=33 | Pass |
| | | Inner_Full | 14.87 | / | / | 13.38 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.66 | / | / | 13.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.97 | / | / | 13.48 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant3: -1.49dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain | | | | | | | | | | |

### 1.1.3 30k_SISO_20MHz_NTNV_EIRP

| 5G NR n38 SCS=30kHz SISO 20MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant3 | Ant2 | Sum | Ant3 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2580 | Edge_1RB_Left | 22.28 | / | / | 20.79 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.93 | / | / | 20.44 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Outer_Full | 22.30 | / | / | 20.81 | / | / | <=33 | Pass |
| | | Inner_Full | 22.78 | / | / | 21.29 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.89 | / | / | 21.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.86 | / | / | 21.37 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 22.06 | / | / | 20.57 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.96 | / | / | 20.47 | / | / | <=33 | Pass |
| | | Outer_Full | 22.22 | / | / | 20.73 | / | / | <=33 | Pass |
| | | Inner_Full | 22.80 | / | / | 21.31 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.53 | / | / | 21.04 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.58 | / | / | 21.09 | / | / | <=33 | Pass |
| | 2610 | Edge_1RB_Left | 22.15 | / | / | 20.66 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.23 | / | / | 20.74 | / | / | <=33 | Pass |
| | | Outer_Full | 22.25 | / | / | 20.76 | / | / | <=33 | Pass |
| | | Inner_Full | 22.90 | / | / | 21.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.89 | / | / | 21.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.91 | / | / | 21.42 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2580 | Edge_1RB_Left | 21.75 | / | / | 20.26 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.48 | / | / | 19.99 | / | / | <=33 | Pass |
| | | Outer_Full | 21.61 | / | / | 20.12 | / | / | <=33 | Pass |
| | | Inner_Full | 22.75 | / | / | 21.26 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.86 | / | / | 21.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.78 | / | / | 21.29 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 21.53 | / | / | 20.04 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.37 | / | / | 19.88 | / | / | <=33 | Pass |
| | | Outer_Full | 21.54 | / | / | 20.05 | / | / | <=33 | Pass |
| | | Inner_Full | 22.73 | / | / | 21.24 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.60 | / | / | 21.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.50 | / | / | 21.01 | / | / | <=33 | Pass |
| | 2610 | Edge_1RB_Left | 21.53 | / | / | 20.04 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.73 | / | / | 20.24 | / | / | <=33 | Pass |
| | | Outer_Full | 21.84 | / | / | 20.35 | / | / | <=33 | Pass |
| | | Inner_Full | 22.85 | / | / | 21.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.73 | / | / | 21.24 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.94 | / | / | 21.45 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2580 | Edge_1RB_Left | 20.86 | / | / | 19.37 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.44 | / | / | 18.95 | / | / | <=33 | Pass |
| | | Outer_Full | 20.68 | / | / | 19.19 | / | / | <=33 | Pass |
| | | Inner_Full | 21.74 | / | / | 20.25 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.46 | / | / | 19.97 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.64 | / | / | 20.15 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 20.55 | / | / | 19.06 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.15 | / | / | 18.66 | / | / | <=33 | Pass |
| | | Outer_Full | 20.32 | / | / | 18.83 | / | / | <=33 | Pass |
| | | Inner_Full | 21.42 | / | / | 19.93 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.60 | / | / | 20.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.42 | / | / | 19.93 | / | / | <=33 | Pass |
| | 2610 | Edge_1RB_Left | 20.55 | / | / | 19.06 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.65 | / | / | 19.16 | / | / | <=33 | Pass |
| | | Outer_Full | 20.73 | / | / | 19.24 | / | / | <=33 | Pass |
| | | Inner_Full | 21.54 | / | / | 20.05 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.47 | / | / | 19.98 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.65 | / | / | 20.16 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2580 | Edge_1RB_Left | 19.84 | / | / | 18.35 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.92 | / | / | 18.43 | / | / | <=33 | Pass |
| | | Outer_Full | 20.25 | / | / | 18.76 | / | / | <=33 | Pass |
| | | Inner_Full | 20.01 | / | / | 18.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.86 | / | / | 18.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.97 | / | / | 18.48 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.84 | / | / | 18.35 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 19.77 | / | / | 18.28 | / | / | <=33 | Pass |
| | | Outer_Full | 19.81 | / | / | 18.32 | / | / | <=33 | Pass |
| | | Inner_Full | 20.10 | / | / | 18.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.80 | / | / | 18.31 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.86 | / | / | 18.37 | / | / | <=33 | Pass |
| | 2610 | Edge_1RB_Left | 19.72 | / | / | 18.23 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.14 | / | / | 18.65 | / | / | <=33 | Pass |
| | | Outer_Full | 19.82 | / | / | 18.33 | / | / | <=33 | Pass |
| | | Inner_Full | 19.98 | / | / | 18.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.91 | / | / | 18.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.31 | / | / | 18.82 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2580 | Edge_1RB_Left | 17.51 | / | / | 16.02 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.42 | / | / | 15.93 | / | / | <=33 | Pass |
| | | Outer_Full | 17.37 | / | / | 15.88 | / | / | <=33 | Pass |
| | | Inner_Full | 17.26 | / | / | 15.77 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.77 | / | / | 16.28 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.31 | / | / | 15.82 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 17.30 | / | / | 15.81 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.03 | / | / | 15.54 | / | / | <=33 | Pass |
| | | Outer_Full | 17.32 | / | / | 15.83 | / | / | <=33 | Pass |
| | | Inner_Full | 17.12 | / | / | 15.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.58 | / | / | 16.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.20 | / | / | 15.71 | / | / | <=33 | Pass |
| | 2610 | Edge_1RB_Left | 17.42 | / | / | 15.93 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.20 | / | / | 15.71 | / | / | <=33 | Pass |
| | | Outer_Full | 17.27 | / | / | 15.78 | / | / | <=33 | Pass |
| | | Inner_Full | 17.35 | / | / | 15.86 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.21 | / | / | 15.72 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.36 | / | / | 15.87 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2580 | Edge_1RB_Left | 19.04 | / | / | 17.55 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.32 | / | / | 17.83 | / | / | <=33 | Pass |
| | | Outer_Full | 19.39 | / | / | 17.90 | / | / | <=33 | Pass |
| | | Inner_Full | 21.04 | / | / | 19.55 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.10 | / | / | 19.61 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.32 | / | / | 19.83 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.04 | / | / | 17.55 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.98 | / | / | 17.49 | / | / | <=33 | Pass |
| | | Outer_Full | 19.26 | / | / | 17.77 | / | / | <=33 | Pass |
| | | Inner_Full | 21.20 | / | / | 19.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.18 | / | / | 19.69 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.08 | / | / | 19.59 | / | / | <=33 | Pass |
| | 2610 | Edge_1RB_Left | 19.17 | / | / | 17.68 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.23 | / | / | 17.74 | / | / | <=33 | Pass |
| | | Outer_Full | 19.36 | / | / | 17.87 | / | / | <=33 | Pass |
| | | Inner_Full | 21.25 | / | / | 19.76 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.16 | / | / | 19.67 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.38 | / | / | 19.89 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2580 | Edge_1RB_Left | 19.20 | / | / | 17.71 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.12 | / | / | 17.63 | / | / | <=33 | Pass |
| | | Outer_Full | 19.13 | / | / | 17.64 | / | / | <=33 | Pass |
| | | Inner_Full | 20.53 | / | / | 19.04 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.77 | / | / | 19.28 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.87 | / | / | 19.38 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.05 | / | / | 17.56 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.01 | / | / | 17.52 | / | / | <=33 | Pass |
| | | Outer_Full | 19.07 | / | / | 17.58 | / | / | <=33 | Pass |
| | | Inner_Full | 20.50 | / | / | 19.01 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.53 | / | / | 19.04 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.44 | / | / | 18.95 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2610 | Edge_1RB_Left | 19.14 | / | / | 17.65 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.25 | / | / | 17.76 | / | / | <=33 | Pass |
| | | Outer_Full | 19.59 | / | / | 18.10 | / | / | <=33 | Pass |
| | | Inner_Full | 20.70 | / | / | 19.21 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.38 | / | / | 18.89 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.83 | / | / | 19.34 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2580 | Edge_1RB_Left | 18.79 | / | / | 17.30 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.95 | / | / | 17.46 | / | / | <=33 | Pass |
| | | Outer_Full | 18.83 | / | / | 17.34 | / | / | <=33 | Pass |
| | | Inner_Full | 18.97 | / | / | 17.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 18.83 | / | / | 17.34 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.78 | / | / | 17.29 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 18.83 | / | / | 17.34 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.73 | / | / | 17.24 | / | / | <=33 | Pass |
| | | Outer_Full | 18.61 | / | / | 17.12 | / | / | <=33 | Pass |
| | | Inner_Full | 18.59 | / | / | 17.10 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 18.60 | / | / | 17.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.92 | / | / | 17.43 | / | / | <=33 | Pass |
| | 2610 | Edge_1RB_Left | 18.88 | / | / | 17.39 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.94 | / | / | 17.45 | / | / | <=33 | Pass |
| | | Outer_Full | 18.89 | / | / | 17.40 | / | / | <=33 | Pass |
| | | Inner_Full | 18.89 | / | / | 17.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 18.85 | / | / | 17.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.97 | / | / | 17.48 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2580 | Edge_1RB_Left | 14.31 | / | / | 12.82 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.61 | / | / | 13.12 | / | / | <=33 | Pass |
| | | Outer_Full | 14.57 | / | / | 13.08 | / | / | <=33 | Pass |
| | | Inner_Full | 14.65 | / | / | 13.16 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 15.03 | / | / | 13.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 15.00 | / | / | 13.51 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 14.47 | / | / | 12.98 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.19 | / | / | 12.70 | / | / | <=33 | Pass |
| | | Outer_Full | 14.72 | / | / | 13.23 | / | / | <=33 | Pass |
| | | Inner_Full | 14.39 | / | / | 12.90 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.25 | / | / | 12.76 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.28 | / | / | 12.79 | / | / | <=33 | Pass |
| | 2610 | Edge_1RB_Left | 14.66 | / | / | 13.17 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.60 | / | / | 13.11 | / | / | <=33 | Pass |
| | | Outer_Full | 14.50 | / | / | 13.01 | / | / | <=33 | Pass |
| | | Inner_Full | 14.23 | / | / | 12.74 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.46 | / | / | 12.97 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.75 | / | / | 13.26 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant3: -1.49dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain | | | | | | | | | | |

### 1.1.4 30k_SISO_25MHz_NTNV_EIRP

| 5G NR n38 SCS=30kHz SISO 25MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant3 | Ant2 | Sum | Ant3 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2582.5 | Edge_1RB_Left | 22.31 | / | / | 20.82 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.29 | / | / | 20.80 | / | / | <=33 | Pass |
| | | Outer_Full | 22.24 | / | / | 20.75 | / | / | <=33 | Pass |
| | | Inner_Full | 22.79 | / | / | 21.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.99 | / | / | 21.50 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.96 | / | / | 21.47 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 22.31 | / | / | 20.82 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.12 | / | / | 20.63 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Outer_Full | 22.21 | / | / | 20.72 | / | / | <=33 | Pass |
| | | Inner_Full | 22.66 | / | / | 21.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.91 | / | / | 21.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.96 | / | / | 21.47 | / | / | <=33 | Pass |
| | 2607.5 | Edge_1RB_Left | 22.24 | / | / | 20.75 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.39 | / | / | 20.90 | / | / | <=33 | Pass |
| | | Outer_Full | 22.20 | / | / | 20.71 | / | / | <=33 | Pass |
| | | Inner_Full | 22.78 | / | / | 21.29 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.79 | / | / | 21.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.95 | / | / | 21.46 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2582.5 | Edge_1RB_Left | 22.04 | / | / | 20.55 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.54 | / | / | 20.05 | / | / | <=33 | Pass |
| | | Outer_Full | 21.88 | / | / | 20.39 | / | / | <=33 | Pass |
| | | Inner_Full | 22.84 | / | / | 21.35 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.86 | / | / | 21.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.88 | / | / | 21.39 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 21.65 | / | / | 20.16 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.51 | / | / | 20.02 | / | / | <=33 | Pass |
| | | Outer_Full | 21.74 | / | / | 20.25 | / | / | <=33 | Pass |
| | | Inner_Full | 22.73 | / | / | 21.24 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.88 | / | / | 21.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.73 | / | / | 21.24 | / | / | <=33 | Pass |
| | 2607.5 | Edge_1RB_Left | 21.56 | / | / | 20.07 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.76 | / | / | 20.27 | / | / | <=33 | Pass |
| | | Outer_Full | 21.69 | / | / | 20.20 | / | / | <=33 | Pass |
| | | Inner_Full | 22.76 | / | / | 21.27 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.89 | / | / | 21.40 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.82 | / | / | 21.33 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2582.5 | Edge_1RB_Left | 20.74 | / | / | 19.25 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.65 | / | / | 19.16 | / | / | <=33 | Pass |
| | | Outer_Full | 20.70 | / | / | 19.21 | / | / | <=33 | Pass |
| | | Inner_Full | 21.71 | / | / | 20.22 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.86 | / | / | 20.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.84 | / | / | 20.35 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 20.71 | / | / | 19.22 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.47 | / | / | 18.98 | / | / | <=33 | Pass |
| | | Outer_Full | 20.56 | / | / | 19.07 | / | / | <=33 | Pass |
| | | Inner_Full | 21.56 | / | / | 20.07 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.45 | / | / | 19.96 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.75 | / | / | 20.26 | / | / | <=33 | Pass |
| | 2607.5 | Edge_1RB_Left | 20.60 | / | / | 19.11 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.61 | / | / | 19.12 | / | / | <=33 | Pass |
| | | Outer_Full | 20.73 | / | / | 19.24 | / | / | <=33 | Pass |
| | | Inner_Full | 21.55 | / | / | 20.06 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.62 | / | / | 20.13 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.77 | / | / | 20.28 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2582.5 | Edge_1RB_Left | 20.28 | / | / | 18.79 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.95 | / | / | 18.46 | / | / | <=33 | Pass |
| | | Outer_Full | 20.19 | / | / | 18.70 | / | / | <=33 | Pass |
| | | Inner_Full | 19.90 | / | / | 18.41 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.07 | / | / | 18.58 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.90 | / | / | 18.41 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.83 | / | / | 18.34 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.10 | / | / | 18.61 | / | / | <=33 | Pass |
| | | Outer_Full | 19.87 | / | / | 18.38 | / | / | <=33 | Pass |
| | | Inner_Full | 19.97 | / | / | 18.48 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.80 | / | / | 18.31 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.89 | / | / | 18.40 | / | / | <=33 | Pass |
| | 2607.5 | Edge_1RB_Left | 19.96 | / | / | 18.47 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 19.99 | / | / | 18.50 | / | / | <=33 | Pass |
| | | Outer_Full | 20.13 | / | / | 18.64 | / | / | <=33 | Pass |
| | | Inner_Full | 19.82 | / | / | 18.33 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.09 | / | / | 18.60 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.88 | / | / | 18.39 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2582.5 | Edge_1RB_Left | 17.50 | / | / | 16.01 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.27 | / | / | 15.78 | / | / | <=33 | Pass |
| | | Outer_Full | 17.49 | / | / | 16.00 | / | / | <=33 | Pass |
| | | Inner_Full | 17.55 | / | / | 16.06 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.51 | / | / | 16.02 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.72 | / | / | 16.23 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 17.13 | / | / | 15.64 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.58 | / | / | 16.09 | / | / | <=33 | Pass |
| | | Outer_Full | 17.43 | / | / | 15.94 | / | / | <=33 | Pass |
| | | Inner_Full | 17.58 | / | / | 16.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.18 | / | / | 15.69 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.65 | / | / | 16.16 | / | / | <=33 | Pass |
| | 2607.5 | Edge_1RB_Left | 17.38 | / | / | 15.89 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.34 | / | / | 15.85 | / | / | <=33 | Pass |
| | | Outer_Full | 17.81 | / | / | 16.32 | / | / | <=33 | Pass |
| | | Inner_Full | 17.61 | / | / | 16.12 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.40 | / | / | 15.91 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.43 | / | / | 15.94 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2582.5 | Edge_1RB_Left | 19.54 | / | / | 18.05 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.27 | / | / | 17.78 | / | / | <=33 | Pass |
| | | Outer_Full | 19.34 | / | / | 17.85 | / | / | <=33 | Pass |
| | | Inner_Full | 21.28 | / | / | 19.79 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.54 | / | / | 20.05 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.46 | / | / | 19.97 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.30 | / | / | 17.81 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.20 | / | / | 17.71 | / | / | <=33 | Pass |
| | | Outer_Full | 19.29 | / | / | 17.80 | / | / | <=33 | Pass |
| | | Inner_Full | 21.27 | / | / | 19.78 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.26 | / | / | 19.77 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.22 | / | / | 19.73 | / | / | <=33 | Pass |
| | 2607.5 | Edge_1RB_Left | 19.49 | / | / | 18.00 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.39 | / | / | 17.90 | / | / | <=33 | Pass |
| | | Outer_Full | 19.28 | / | / | 17.79 | / | / | <=33 | Pass |
| | | Inner_Full | 21.19 | / | / | 19.70 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.23 | / | / | 19.74 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.34 | / | / | 19.85 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2582.5 | Edge_1RB_Left | 19.58 | / | / | 18.09 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.30 | / | / | 17.81 | / | / | <=33 | Pass |
| | | Outer_Full | 19.36 | / | / | 17.87 | / | / | <=33 | Pass |
| | | Inner_Full | 20.49 | / | / | 19.00 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.80 | / | / | 19.31 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.63 | / | / | 19.14 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.40 | / | / | 17.91 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.06 | / | / | 17.57 | / | / | <=33 | Pass |
| | | Outer_Full | 19.19 | / | / | 17.70 | / | / | <=33 | Pass |
| | | Inner_Full | 20.66 | / | / | 19.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.91 | / | / | 19.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.54 | / | / | 19.05 | / | / | <=33 | Pass |
| | 2607.5 | Edge_1RB_Left | 19.26 | / | / | 17.77 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.30 | / | / | 17.81 | / | / | <=33 | Pass |
| | | Outer_Full | 19.27 | / | / | 17.78 | / | / | <=33 | Pass |
| | | Inner_Full | 20.54 | / | / | 19.05 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.55 | / | / | 19.06 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.73 | / | / | 19.24 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CP-OFDM 64 QAM | 2582.5 | Edge_1RB_Left | 19.05 | / | / | 17.56 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.87 | / | / | 17.38 | / | / | <=33 | Pass |
| | | Outer_Full | 18.79 | / | / | 17.30 | / | / | <=33 | Pass |
| | | Inner_Full | 19.27 | / | / | 17.78 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.08 | / | / | 17.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.98 | / | / | 17.49 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 18.66 | / | / | 17.17 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.93 | / | / | 17.44 | / | / | <=33 | Pass |
| | | Outer_Full | 18.69 | / | / | 17.20 | / | / | <=33 | Pass |
| | | Inner_Full | 18.60 | / | / | 17.11 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.24 | / | / | 17.75 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.97 | / | / | 17.48 | / | / | <=33 | Pass |
| | 2607.5 | Edge_1RB_Left | 19.05 | / | / | 17.56 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.03 | / | / | 17.54 | / | / | <=33 | Pass |
| | | Outer_Full | 18.60 | / | / | 17.11 | / | / | <=33 | Pass |
| | | Inner_Full | 18.76 | / | / | 17.27 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 18.93 | / | / | 17.44 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.90 | / | / | 17.41 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2582.5 | Edge_1RB_Left | 14.87 | / | / | 13.38 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.77 | / | / | 13.28 | / | / | <=33 | Pass |
| | | Outer_Full | 14.60 | / | / | 13.11 | / | / | <=33 | Pass |
| | | Inner_Full | 14.61 | / | / | 13.12 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.79 | / | / | 13.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.82 | / | / | 13.33 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 14.64 | / | / | 13.15 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.83 | / | / | 13.34 | / | / | <=33 | Pass |
| | | Outer_Full | 14.27 | / | / | 12.78 | / | / | <=33 | Pass |
| | | Inner_Full | 14.75 | / | / | 13.26 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.71 | / | / | 13.22 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.90 | / | / | 13.41 | / | / | <=33 | Pass |
| | 2607.5 | Edge_1RB_Left | 15.03 | / | / | 13.54 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.60 | / | / | 13.11 | / | / | <=33 | Pass |
| | | Outer_Full | 14.84 | / | / | 13.35 | / | / | <=33 | Pass |
| | | Inner_Full | 14.33 | / | / | 12.84 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.84 | / | / | 13.35 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.99 | / | / | 13.50 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant3: -1.49dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain | | | | | | | | | | |

## 1.1.5 30k_SISO_30MHz_NTNV_EIRP

| 5G NR n38 SCS=30kHz SISO 30MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant3 | Ant2 | Sum | Ant3 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2585 | Edge_1RB_Left | 22.06 | / | / | 20.57 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.94 | / | / | 20.45 | / | / | <=33 | Pass |
| | | Outer_Full | 22.38 | / | / | 20.89 | / | / | <=33 | Pass |
| | | Inner_Full | 22.85 | / | / | 21.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.67 | / | / | 21.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.74 | / | / | 21.25 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 22.37 | / | / | 20.88 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.18 | / | / | 20.69 | / | / | <=33 | Pass |
| | | Outer_Full | 22.34 | / | / | 20.85 | / | / | <=33 | Pass |
| | | Inner_Full | 22.87 | / | / | 21.38 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.94 | / | / | 21.45 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.81 | / | / | 21.32 | / | / | <=33 | Pass |
| | 2605 | Edge_1RB_Left | 22.13 | / | / | 20.64 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.20 | / | / | 20.71 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Outer_Full | 22.16 | / | / | 20.67 | / | / | <=33 | Pass |
| | | Inner_Full | 22.69 | / | / | 21.20 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.95 | / | / | 21.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.86 | / | / | 21.37 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2585 | Edge_1RB_Left | 21.65 | / | / | 20.16 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.59 | / | / | 20.10 | / | / | <=33 | Pass |
| | | Outer_Full | 21.70 | / | / | 20.21 | / | / | <=33 | Pass |
| | | Inner_Full | 22.87 | / | / | 21.38 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.79 | / | / | 21.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.67 | / | / | 21.18 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 21.52 | / | / | 20.03 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.87 | / | / | 20.38 | / | / | <=33 | Pass |
| | | Outer_Full | 21.58 | / | / | 20.09 | / | / | <=33 | Pass |
| | | Inner_Full | 22.88 | / | / | 21.39 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.74 | / | / | 21.25 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.73 | / | / | 21.24 | / | / | <=33 | Pass |
| | 2605 | Edge_1RB_Left | 21.92 | / | / | 20.43 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.87 | / | / | 20.38 | / | / | <=33 | Pass |
| | | Outer_Full | 21.72 | / | / | 20.23 | / | / | <=33 | Pass |
| | | Inner_Full | 22.82 | / | / | 21.33 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.69 | / | / | 21.20 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.85 | / | / | 21.36 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2585 | Edge_1RB_Left | 20.43 | / | / | 18.94 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.62 | / | / | 19.13 | / | / | <=33 | Pass |
| | | Outer_Full | 20.62 | / | / | 19.13 | / | / | <=33 | Pass |
| | | Inner_Full | 21.61 | / | / | 20.12 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.49 | / | / | 20.00 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.71 | / | / | 20.22 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 20.58 | / | / | 19.09 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.49 | / | / | 19.00 | / | / | <=33 | Pass |
| | | Outer_Full | 20.43 | / | / | 18.94 | / | / | <=33 | Pass |
| | | Inner_Full | 21.58 | / | / | 20.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.49 | / | / | 20.00 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.60 | / | / | 20.11 | / | / | <=33 | Pass |
| | 2605 | Edge_1RB_Left | 20.47 | / | / | 18.98 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.60 | / | / | 19.11 | / | / | <=33 | Pass |
| | | Outer_Full | 20.51 | / | / | 19.02 | / | / | <=33 | Pass |
| | | Inner_Full | 21.50 | / | / | 20.01 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.68 | / | / | 20.19 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.63 | / | / | 20.14 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2585 | Edge_1RB_Left | 20.03 | / | / | 18.54 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.96 | / | / | 18.47 | / | / | <=33 | Pass |
| | | Outer_Full | 19.78 | / | / | 18.29 | / | / | <=33 | Pass |
| | | Inner_Full | 19.98 | / | / | 18.49 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.74 | / | / | 18.25 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.73 | / | / | 18.24 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.96 | / | / | 18.47 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.02 | / | / | 18.53 | / | / | <=33 | Pass |
| | | Outer_Full | 19.75 | / | / | 18.26 | / | / | <=33 | Pass |
| | | Inner_Full | 19.83 | / | / | 18.34 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.03 | / | / | 18.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.85 | / | / | 18.36 | / | / | <=33 | Pass |
| | 2605 | Edge_1RB_Left | 19.78 | / | / | 18.29 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.86 | / | / | 18.37 | / | / | <=33 | Pass |
| | | Outer_Full | 19.96 | / | / | 18.47 | / | / | <=33 | Pass |
| | | Inner_Full | 19.86 | / | / | 18.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.05 | / | / | 18.56 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.86 | / | / | 18.37 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 | 2585 | Edge_1RB_Left | 17.29 | / | / | 15.80 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| QAM | | Edge_1RB_Right | 17.13 | / | / | 15.64 | / | / | <=33 | Pass |
| | | Outer_Full | 17.37 | / | / | 15.88 | / | / | <=33 | Pass |
| | | Inner_Full | 17.23 | / | / | 15.74 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.59 | / | / | 16.10 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.59 | / | / | 16.10 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 17.26 | / | / | 15.77 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.79 | / | / | 16.30 | / | / | <=33 | Pass |
| | | Outer_Full | 17.63 | / | / | 16.14 | / | / | <=33 | Pass |
| | | Inner_Full | 17.25 | / | / | 15.76 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.44 | / | / | 15.95 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.48 | / | / | 15.99 | / | / | <=33 | Pass |
| | 2605 | Edge_1RB_Left | 17.77 | / | / | 16.28 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.61 | / | / | 16.12 | / | / | <=33 | Pass |
| | | Outer_Full | 17.28 | / | / | 15.79 | / | / | <=33 | Pass |
| | | Inner_Full | 17.23 | / | / | 15.74 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.31 | / | / | 15.82 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.40 | / | / | 15.91 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2585 | Edge_1RB_Left | 19.57 | / | / | 18.08 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.48 | / | / | 17.99 | / | / | <=33 | Pass |
| | | Outer_Full | 19.24 | / | / | 17.75 | / | / | <=33 | Pass |
| | | Inner_Full | 21.08 | / | / | 19.59 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.17 | / | / | 19.68 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.23 | / | / | 19.74 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.43 | / | / | 17.94 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.53 | / | / | 18.04 | / | / | <=33 | Pass |
| | | Outer_Full | 19.24 | / | / | 17.75 | / | / | <=33 | Pass |
| | | Inner_Full | 21.20 | / | / | 19.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.16 | / | / | 19.67 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.17 | / | / | 19.68 | / | / | <=33 | Pass |
| | 2605 | Edge_1RB_Left | 19.21 | / | / | 17.72 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.22 | / | / | 17.73 | / | / | <=33 | Pass |
| | | Outer_Full | 19.17 | / | / | 17.68 | / | / | <=33 | Pass |
| | | Inner_Full | 21.01 | / | / | 19.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.18 | / | / | 19.69 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.20 | / | / | 19.71 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2585 | Edge_1RB_Left | 19.49 | / | / | 18.00 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.21 | / | / | 17.72 | / | / | <=33 | Pass |
| | | Outer_Full | 19.06 | / | / | 17.57 | / | / | <=33 | Pass |
| | | Inner_Full | 20.38 | / | / | 18.89 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.66 | / | / | 19.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.53 | / | / | 19.04 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.14 | / | / | 17.65 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.45 | / | / | 17.96 | / | / | <=33 | Pass |
| | | Outer_Full | 19.30 | / | / | 17.81 | / | / | <=33 | Pass |
| | | Inner_Full | 20.52 | / | / | 19.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.95 | / | / | 19.46 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.76 | / | / | 19.27 | / | / | <=33 | Pass |
| | 2605 | Edge_1RB_Left | 19.35 | / | / | 17.86 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.20 | / | / | 17.71 | / | / | <=33 | Pass |
| | | Outer_Full | 19.21 | / | / | 17.72 | / | / | <=33 | Pass |
| | | Inner_Full | 20.58 | / | / | 19.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.52 | / | / | 19.03 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.59 | / | / | 19.10 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2585 | Edge_1RB_Left | 18.89 | / | / | 17.40 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.92 | / | / | 17.43 | / | / | <=33 | Pass |
| | | Outer_Full | 18.80 | / | / | 17.31 | / | / | <=33 | Pass |
| | | Inner_Full | 18.59 | / | / | 17.10 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.25 | / | / | 17.76 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.81 | / | / | 17.32 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2595 | Edge_1RB_Left | 18.92 | / | / | 17.43 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.02 | / | / | 17.53 | / | / | <=33 | Pass |
| | | Outer_Full | 18.59 | / | / | 17.10 | / | / | <=33 | Pass |
| | | Inner_Full | 18.78 | / | / | 17.29 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.12 | / | / | 17.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.83 | / | / | 17.34 | / | / | <=33 | Pass |
| | 2605 | Edge_1RB_Left | 18.81 | / | / | 17.32 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.90 | / | / | 17.41 | / | / | <=33 | Pass |
| | | Outer_Full | 18.74 | / | / | 17.25 | / | / | <=33 | Pass |
| | | Inner_Full | 18.57 | / | / | 17.08 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 18.91 | / | / | 17.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.18 | / | / | 17.69 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2585 | Edge_1RB_Left | 14.56 | / | / | 13.07 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.67 | / | / | 13.18 | / | / | <=33 | Pass |
| | | Outer_Full | 14.75 | / | / | 13.26 | / | / | <=33 | Pass |
| | | Inner_Full | 14.22 | / | / | 12.73 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.85 | / | / | 13.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.76 | / | / | 13.27 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 14.75 | / | / | 13.26 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 15.10 | / | / | 13.61 | / | / | <=33 | Pass |
| | | Outer_Full | 14.46 | / | / | 12.97 | / | / | <=33 | Pass |
| | | Inner_Full | 14.50 | / | / | 13.01 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.68 | / | / | 13.19 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.55 | / | / | 13.06 | / | / | <=33 | Pass |
| | 2605 | Edge_1RB_Left | 15.27 | / | / | 13.78 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.88 | / | / | 13.39 | / | / | <=33 | Pass |
| | | Outer_Full | 14.88 | / | / | 13.39 | / | / | <=33 | Pass |
| | | Inner_Full | 14.65 | / | / | 13.16 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.56 | / | / | 13.07 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.89 | / | / | 13.40 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant3: -1.49dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain | | | | | | | | | | |

## 1.1.6 30k_SISO_40MHz_NTNV_EIRP

| 5G NR n38 SCS=30kHz SISO 40MHz NTNV | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Conducted Power(dBm) | | | EIRP(dBm) | | | | Verdict |
| | | | Ant3 | Ant2 | Sum | Ant3 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2590 | Edge_1RB_Left | 22.28 | / | / | 20.79 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.11 | / | / | 20.62 | / | / | <=33 | Pass |
| | | Outer_Full | 22.27 | / | / | 20.78 | / | / | <=33 | Pass |
| | | Inner_Full | 22.86 | / | / | 21.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.72 | / | / | 21.23 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.83 | / | / | 21.34 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 22.06 | / | / | 20.57 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.10 | / | / | 20.61 | / | / | <=33 | Pass |
| | | Outer_Full | 22.19 | / | / | 20.70 | / | / | <=33 | Pass |
| | | Inner_Full | 22.69 | / | / | 21.20 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.71 | / | / | 21.22 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.84 | / | / | 21.35 | / | / | <=33 | Pass |
| | 2600 | Edge_1RB_Left | 22.15 | / | / | 20.66 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 22.23 | / | / | 20.74 | / | / | <=33 | Pass |
| | | Outer_Full | 22.30 | / | / | 20.81 | / | / | <=33 | Pass |
| | | Inner_Full | 22.67 | / | / | 21.18 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.73 | / | / | 21.24 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.95 | / | / | 21.46 | / | / | <=33 | Pass |
| DFT-s-OFDM QPSK | 2590 | Edge_1RB_Left | 21.51 | / | / | 20.02 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.51 | / | / | 20.02 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Outer_Full | 21.77 | / | / | 20.28 | / | / | <=33 | Pass |
| | | Inner_Full | 23.06 | / | / | 21.57 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.81 | / | / | 21.32 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.79 | / | / | 21.30 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 21.48 | / | / | 19.99 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.52 | / | / | 20.03 | / | / | <=33 | Pass |
| | | Outer_Full | 21.81 | / | / | 20.32 | / | / | <=33 | Pass |
| | | Inner_Full | 22.56 | / | / | 21.07 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.72 | / | / | 21.23 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.70 | / | / | 21.21 | / | / | <=33 | Pass |
| | 2600 | Edge_1RB_Left | 21.40 | / | / | 19.91 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 21.60 | / | / | 20.11 | / | / | <=33 | Pass |
| | | Outer_Full | 21.72 | / | / | 20.23 | / | / | <=33 | Pass |
| | | Inner_Full | 22.87 | / | / | 21.38 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 22.66 | / | / | 21.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 22.79 | / | / | 21.30 | / | / | <=33 | Pass |
| DFT-s-OFDM 16 QAM | 2590 | Edge_1RB_Left | 20.62 | / | / | 19.13 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.37 | / | / | 18.88 | / | / | <=33 | Pass |
| | | Outer_Full | 20.67 | / | / | 19.18 | / | / | <=33 | Pass |
| | | Inner_Full | 21.77 | / | / | 20.28 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.81 | / | / | 20.32 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.55 | / | / | 20.06 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 20.42 | / | / | 18.93 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.57 | / | / | 19.08 | / | / | <=33 | Pass |
| | | Outer_Full | 20.39 | / | / | 18.90 | / | / | <=33 | Pass |
| | | Inner_Full | 21.80 | / | / | 20.31 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.66 | / | / | 20.17 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.45 | / | / | 19.96 | / | / | <=33 | Pass |
| | 2600 | Edge_1RB_Left | 20.49 | / | / | 19.00 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.43 | / | / | 18.94 | / | / | <=33 | Pass |
| | | Outer_Full | 20.65 | / | / | 19.16 | / | / | <=33 | Pass |
| | | Inner_Full | 21.58 | / | / | 20.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.65 | / | / | 20.16 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.92 | / | / | 20.43 | / | / | <=33 | Pass |
| DFT-s-OFDM 64 QAM | 2590 | Edge_1RB_Left | 19.92 | / | / | 18.43 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 20.20 | / | / | 18.71 | / | / | <=33 | Pass |
| | | Outer_Full | 19.87 | / | / | 18.38 | / | / | <=33 | Pass |
| | | Inner_Full | 20.24 | / | / | 18.75 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.03 | / | / | 18.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.82 | / | / | 18.33 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 20.06 | / | / | 18.57 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.81 | / | / | 18.32 | / | / | <=33 | Pass |
| | | Outer_Full | 20.10 | / | / | 18.61 | / | / | <=33 | Pass |
| | | Inner_Full | 19.86 | / | / | 18.37 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.69 | / | / | 18.20 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.82 | / | / | 18.33 | / | / | <=33 | Pass |
| | 2600 | Edge_1RB_Left | 19.94 | / | / | 18.45 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.94 | / | / | 18.45 | / | / | <=33 | Pass |
| | | Outer_Full | 20.04 | / | / | 18.55 | / | / | <=33 | Pass |
| | | Inner_Full | 20.18 | / | / | 18.69 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.91 | / | / | 18.42 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.30 | / | / | 18.81 | / | / | <=33 | Pass |
| DFT-s-OFDM 256 QAM | 2590 | Edge_1RB_Left | 17.43 | / | / | 15.94 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.27 | / | / | 15.78 | / | / | <=33 | Pass |
| | | Outer_Full | 17.80 | / | / | 16.31 | / | / | <=33 | Pass |
| | | Inner_Full | 17.79 | / | / | 16.30 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.29 | / | / | 15.80 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.56 | / | / | 16.07 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 17.79 | / | / | 16.30 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Edge_1RB_Right | 17.57 | / | / | 16.08 | / | / | <=33 | Pass |
| | | Outer_Full | 17.72 | / | / | 16.23 | / | / | <=33 | Pass |
| | | Inner_Full | 17.14 | / | / | 15.65 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.16 | / | / | 15.67 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.25 | / | / | 15.76 | / | / | <=33 | Pass |
| | 2600 | Edge_1RB_Left | 17.27 | / | / | 15.78 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 17.49 | / | / | 16.00 | / | / | <=33 | Pass |
| | | Outer_Full | 17.76 | / | / | 16.27 | / | / | <=33 | Pass |
| | | Inner_Full | 17.28 | / | / | 15.79 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 17.44 | / | / | 15.95 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 17.72 | / | / | 16.23 | / | / | <=33 | Pass |
| CP-OFDM QPSK | 2590 | Edge_1RB_Left | 19.22 | / | / | 17.73 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.29 | / | / | 17.80 | / | / | <=33 | Pass |
| | | Outer_Full | 19.41 | / | / | 17.92 | / | / | <=33 | Pass |
| | | Inner_Full | 21.12 | / | / | 19.63 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.20 | / | / | 19.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.97 | / | / | 19.48 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.04 | / | / | 17.55 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.12 | / | / | 17.63 | / | / | <=33 | Pass |
| | | Outer_Full | 19.16 | / | / | 17.67 | / | / | <=33 | Pass |
| | | Inner_Full | 21.03 | / | / | 19.54 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.31 | / | / | 19.82 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.33 | / | / | 19.84 | / | / | <=33 | Pass |
| | 2600 | Edge_1RB_Left | 19.41 | / | / | 17.92 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.21 | / | / | 17.72 | / | / | <=33 | Pass |
| | | Outer_Full | 19.34 | / | / | 17.85 | / | / | <=33 | Pass |
| | | Inner_Full | 21.13 | / | / | 19.64 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.21 | / | / | 19.72 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 21.12 | / | / | 19.63 | / | / | <=33 | Pass |
| CP-OFDM 16 QAM | 2590 | Edge_1RB_Left | 19.38 | / | / | 17.89 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.28 | / | / | 17.79 | / | / | <=33 | Pass |
| | | Outer_Full | 19.29 | / | / | 17.80 | / | / | <=33 | Pass |
| | | Inner_Full | 20.77 | / | / | 19.28 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 21.02 | / | / | 19.53 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.59 | / | / | 19.10 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 19.29 | / | / | 17.80 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.38 | / | / | 17.89 | / | / | <=33 | Pass |
| | | Outer_Full | 19.34 | / | / | 17.85 | / | / | <=33 | Pass |
| | | Inner_Full | 20.72 | / | / | 19.23 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.41 | / | / | 18.92 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.54 | / | / | 19.05 | / | / | <=33 | Pass |
| | 2600 | Edge_1RB_Left | 19.33 | / | / | 17.84 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 19.22 | / | / | 17.73 | / | / | <=33 | Pass |
| | | Outer_Full | 19.33 | / | / | 17.84 | / | / | <=33 | Pass |
| | | Inner_Full | 20.58 | / | / | 19.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 20.63 | / | / | 19.14 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 20.62 | / | / | 19.13 | / | / | <=33 | Pass |
| CP-OFDM 64 QAM | 2590 | Edge_1RB_Left | 18.78 | / | / | 17.29 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.81 | / | / | 17.32 | / | / | <=33 | Pass |
| | | Outer_Full | 19.00 | / | / | 17.51 | / | / | <=33 | Pass |
| | | Inner_Full | 19.18 | / | / | 17.69 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.20 | / | / | 17.71 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.83 | / | / | 17.34 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 18.69 | / | / | 17.20 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.93 | / | / | 17.44 | / | / | <=33 | Pass |
| | | Outer_Full | 18.69 | / | / | 17.20 | / | / | <=33 | Pass |
| | | Inner_Full | 18.64 | / | / | 17.15 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 18.85 | / | / | 17.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 19.06 | / | / | 17.57 | / | / | <=33 | Pass |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 2600 | Edge_1RB_Left | 18.65 | / | / | 17.16 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 18.74 | / | / | 17.25 | / | / | <=33 | Pass |
| | | Outer_Full | 18.70 | / | / | 17.21 | / | / | <=33 | Pass |
| | | Inner_Full | 18.64 | / | / | 17.15 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 19.01 | / | / | 17.52 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 18.70 | / | / | 17.21 | / | / | <=33 | Pass |
| CP-OFDM 256 QAM | 2590 | Edge_1RB_Left | 14.68 | / | / | 13.19 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 15.09 | / | / | 13.60 | / | / | <=33 | Pass |
| | | Outer_Full | 14.71 | / | / | 13.22 | / | / | <=33 | Pass |
| | | Inner_Full | 14.87 | / | / | 13.38 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.58 | / | / | 13.09 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.81 | / | / | 13.32 | / | / | <=33 | Pass |
| | 2595 | Edge_1RB_Left | 14.69 | / | / | 13.20 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.53 | / | / | 13.04 | / | / | <=33 | Pass |
| | | Outer_Full | 14.73 | / | / | 13.24 | / | / | <=33 | Pass |
| | | Inner_Full | 14.48 | / | / | 12.99 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 15.00 | / | / | 13.51 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.39 | / | / | 12.90 | / | / | <=33 | Pass |
| | 2600 | Edge_1RB_Left | 14.63 | / | / | 13.14 | / | / | <=33 | Pass |
| | | Edge_1RB_Right | 14.89 | / | / | 13.40 | / | / | <=33 | Pass |
| | | Outer_Full | 14.68 | / | / | 13.19 | / | / | <=33 | Pass |
| | | Inner_Full | 14.75 | / | / | 13.26 | / | / | <=33 | Pass |
| | | Inner_1RB_Left | 14.85 | / | / | 13.36 | / | / | <=33 | Pass |
| | | Inner_1RB_Right | 14.92 | / | / | 13.43 | / | / | <=33 | Pass |
| Note1: Antenna Gain: Ant3: -1.49dBi;<br>Note2: EIRP=Conducted Power+Antenna Gain | | | | | | | | | | |

# 2. Frequency Stability

## 2.1 Test Result

### 2.1.1 30k_SISO_40MHz

| 5G NR n38 SCS=30kHz SISO 40MHz | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Temp. (°C) | Volt. | Freq. Error (Hz) | Freq. vs. rated (ppm) | | Verdict |
| | | | | | | Result | Limit | |
| DFT-s-OFDM QPSK | 2595 | Outer_Full | 20 | LV | -4.50 | -0.0017 | >=-2.5 & <=2.5 | Pass |
| | | | | HV | 6.10 | 0.0024 | >=-2.5 & <=2.5 | Pass |
| | | | -30 | NV | -15.40 | -0.0059 | >=-2.5 & <=2.5 | Pass |
| | | | -20 | NV | -9.30 | -0.0036 | >=-2.5 & <=2.5 | Pass |
| | | | -10 | NV | 1.70 | 0.0007 | >=-2.5 & <=2.5 | Pass |
| | | | 0 | NV | -1.10 | -0.0004 | >=-2.5 & <=2.5 | Pass |
| | | | 10 | NV | -9.00 | -0.0035 | >=-2.5 & <=2.5 | Pass |
| | | | 20 | NV | 9.30 | 0.0036 | >=-2.5 & <=2.5 | Pass |
| | | | 30 | NV | 7.30 | 0.0028 | >=-2.5 & <=2.5 | Pass |
| | | | 40 | NV | -3.60 | -0.0014 | >=-2.5 & <=2.5 | Pass |
| | | | 50 | NV | -11.10 | -0.0043 | >=-2.5 & <=2.5 | Pass |

# 3. 99% & 26dB Bandwidth

## 3.1 Test Result

### 3.1.1 30k_SISO_10MHz_NTNV

| 5G NR n38 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 | 2595 | Outer_Full | 8.71 | 9.97 | / | Pass |
| DFT-s-OFDM QPSK | 2595 | Outer_Full | 8.72 | 10.21 | / | Pass |
| DFT-s-OFDM 16 QAM | 2595 | Outer_Full | 8.74 | 10.19 | / | Pass |
| DFT-s-OFDM 64 QAM | 2595 | Outer_Full | 8.70 | 10.24 | / | Pass |
| DFT-s-OFDM 256 QAM | 2595 | Outer_Full | 8.67 | 10.14 | / | Pass |
| CP-OFDM QPSK | 2595 | Outer_Full | 8.71 | 10.33 | / | Pass |
| CP-OFDM 16 QAM | 2595 | Outer_Full | 8.73 | 10.50 | / | Pass |
| CP-OFDM 64 QAM | 2595 | Outer_Full | 8.73 | 10.35 | / | Pass |
| CP-OFDM 256 QAM | 2595 | Outer_Full | 8.73 | 10.08 | / | Pass |

### 3.1.2 30k_SISO_15MHz_NTNV

| 5G NR n38 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 | 2595 | Outer_Full | 13.06 | 14.68 | / | Pass |
| DFT-s-OFDM QPSK | 2595 | Outer_Full | 13.10 | 14.98 | / | Pass |
| DFT-s-OFDM 16 QAM | 2595 | Outer_Full | 13.16 | 14.96 | / | Pass |
| DFT-s-OFDM 64 QAM | 2595 | Outer_Full | 13.12 | 14.91 | / | Pass |
| DFT-s-OFDM 256 QAM | 2595 | Outer_Full | 13.02 | 14.64 | / | Pass |
| CP-OFDM QPSK | 2595 | Outer_Full | 13.77 | 15.65 | / | Pass |
| CP-OFDM 16 QAM | 2595 | Outer_Full | 13.77 | 15.59 | / | Pass |
| CP-OFDM 64 QAM | 2595 | Outer_Full | 13.85 | 15.77 | / | Pass |
| CP-OFDM 256 QAM | 2595 | Outer_Full | 13.75 | 15.57 | / | Pass |

### 3.1.3 30k_SISO_20MHz_NTNV

| 5G NR n38 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 | 2595 | Outer_Full | 18.08 | 20.13 | / | Pass |
| DFT-s-OFDM QPSK | 2595 | Outer_Full | 18.15 | 19.75 | / | Pass |
| DFT-s-OFDM 16 QAM | 2595 | Outer_Full | 18.21 | 20.25 | / | Pass |
| DFT-s-OFDM 64 QAM | 2595 | Outer_Full | 18.12 | 20.10 | / | Pass |
| DFT-s-OFDM 256 QAM | 2595 | Outer_Full | 18.09 | 20.13 | / | Pass |
| CP-OFDM QPSK | 2595 | Outer_Full | 18.48 | 20.65 | / | Pass |
| CP-OFDM 16 QAM | 2595 | Outer_Full | 18.49 | 20.46 | / | Pass |
| CP-OFDM 64 QAM | 2595 | Outer_Full | 18.43 | 20.50 | / | Pass |
| CP-OFDM 256 QAM | 2595 | Outer_Full | 18.45 | 20.48 | / | Pass |

### 3.1.4 30k_SISO_25MHz_NTNV

| 5G NR n38 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 | 2595 | Outer_Full | 23.20 | 25.14 | / | Pass |
| DFT-s-OFDM QPSK | 2595 | Outer_Full | 23.09 | 25.31 | / | Pass |

| | | | | | | |
|---|---|---|---|---|---|---|
| DFT-s-OFDM 16 QAM | 2595 | Outer_Full | 23.15 | 25.35 | / | Pass |
| DFT-s-OFDM 64 QAM | 2595 | Outer_Full | 23.17 | 25.22 | / | Pass |
| DFT-s-OFDM 256 QAM | 2595 | Outer_Full | 23.09 | 25.26 | / | Pass |
| CP-OFDM QPSK | 2595 | Outer_Full | 23.43 | 25.48 | / | Pass |
| CP-OFDM 16 QAM | 2595 | Outer_Full | 23.39 | 25.46 | / | Pass |
| CP-OFDM 64 QAM | 2595 | Outer_Full | 23.44 | 25.75 | / | Pass |
| CP-OFDM 256 QAM | 2595 | Outer_Full | 23.46 | 25.55 | / | Pass |

### 3.1.5 30k_SISO_30MHz_NTNV

| 5G NR n38 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 | 2595 | Outer_Full | 27.05 | 29.32 | / | Pass |
| DFT-s-OFDM QPSK | 2595 | Outer_Full | 27.13 | 29.34 | / | Pass |
| DFT-s-OFDM 16 QAM | 2595 | Outer_Full | 27.19 | 29.52 | / | Pass |
| DFT-s-OFDM 64 QAM | 2595 | Outer_Full | 27.11 | 29.58 | / | Pass |
| DFT-s-OFDM 256 QAM | 2595 | Outer_Full | 27.18 | 29.32 | / | Pass |
| CP-OFDM QPSK | 2595 | Outer_Full | 28.08 | 30.54 | / | Pass |
| CP-OFDM 16 QAM | 2595 | Outer_Full | 28.14 | 30.37 | / | Pass |
| CP-OFDM 64 QAM | 2595 | Outer_Full | 28.08 | 30.58 | / | Pass |
| CP-OFDM 256 QAM | 2595 | Outer_Full | 28.17 | 30.36 | / | Pass |

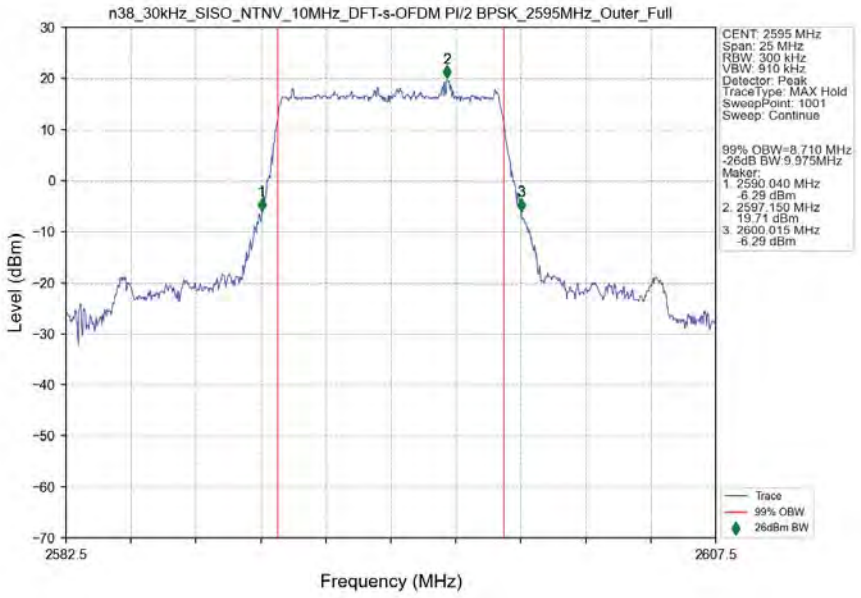
### 3.1.6 30k_SISO_40MHz_NTNV

| 5G NR n38 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 | 2595 | Outer_Full | 36.02 | 38.80 | / | Pass |
| DFT-s-OFDM QPSK | 2595 | Outer_Full | 36.21 | 39.20 | / | Pass |
| DFT-s-OFDM 16 QAM | 2595 | Outer_Full | 36.04 | 38.59 | / | Pass |
| DFT-s-OFDM 64 QAM | 2595 | Outer_Full | 36.25 | 39.00 | / | Pass |
| DFT-s-OFDM 256 QAM | 2595 | Outer_Full | 35.98 | 39.02 | / | Pass |
| CP-OFDM QPSK | 2595 | Outer_Full | 38.26 | 41.10 | / | Pass |
| CP-OFDM 16 QAM | 2595 | Outer_Full | 38.43 | 40.92 | / | Pass |
| CP-OFDM 64 QAM | 2595 | Outer_Full | 38.11 | 41.10 | / | Pass |
| CP-OFDM 256 QAM | 2595 | Outer_Full | 38.13 | 40.94 | / | Pass |

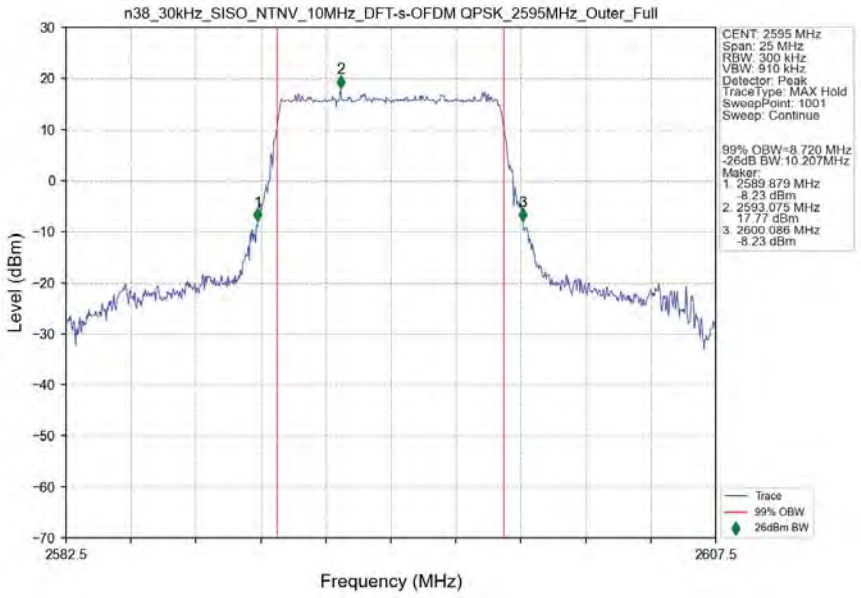
## 3.2 Test Graph

### 3.2.1 30k_SISO_10MHz_NTNV

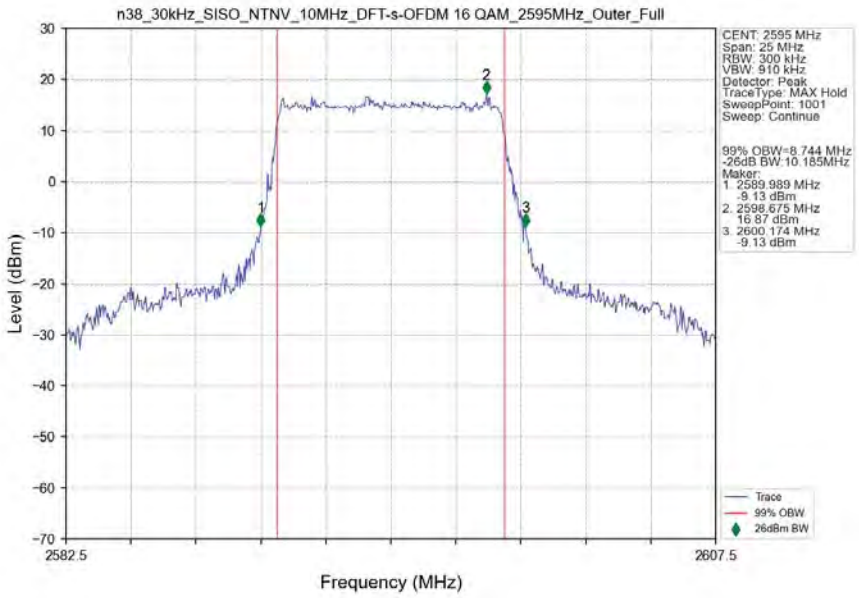
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Outer_Full_Ant3



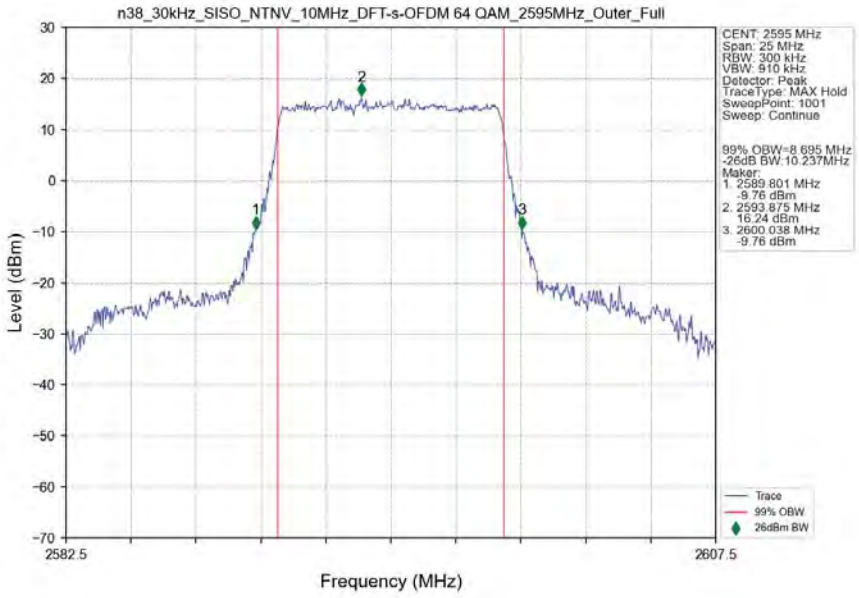

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2595MHz_Outer_Full_Ant3



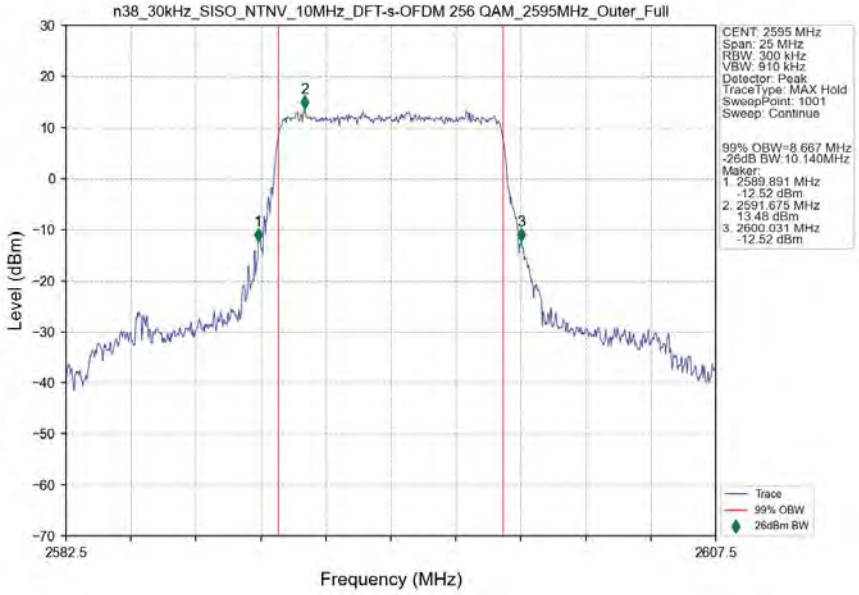
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_2595MHz_Outer_Full_Ant3



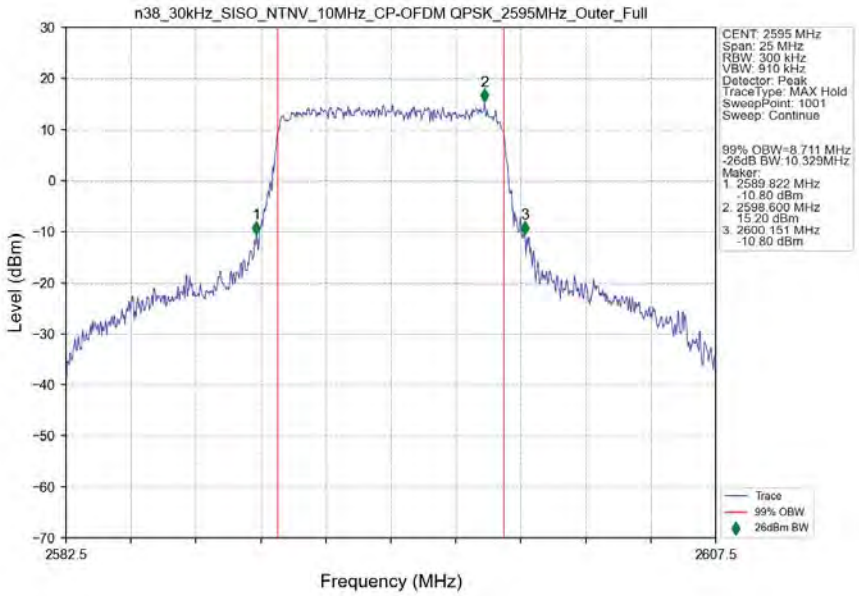

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_2595MHz_Outer_Full_Ant3



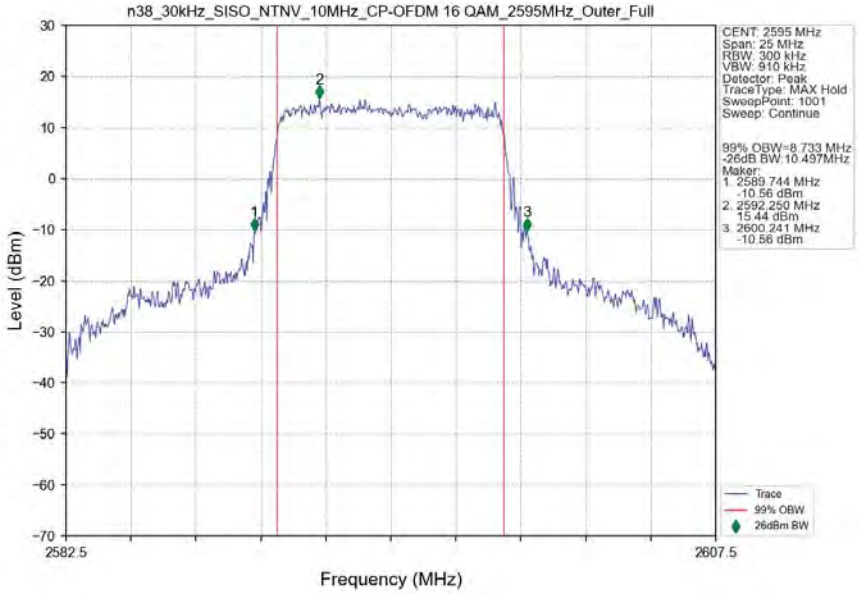
n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM_2595MHz_Outer_Full_Ant3



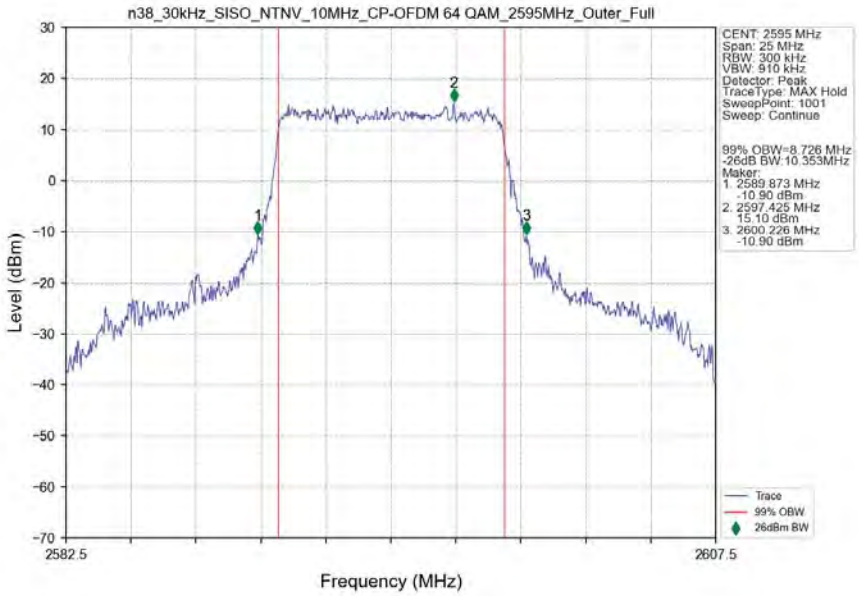

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2595MHz_Outer_Full_Ant3



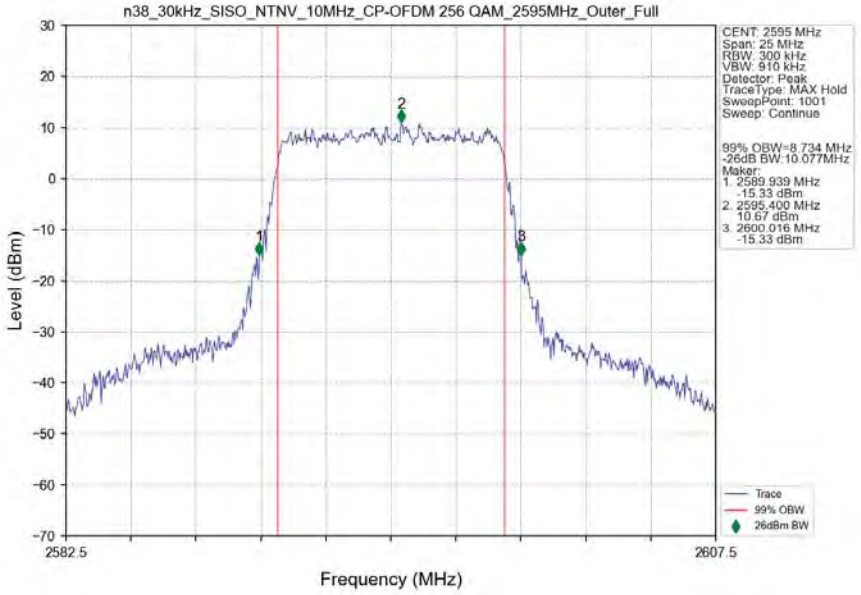
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM_2595MHz_Outer_Full_Ant3




n38_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_2595MHz_Outer_Full_Ant3

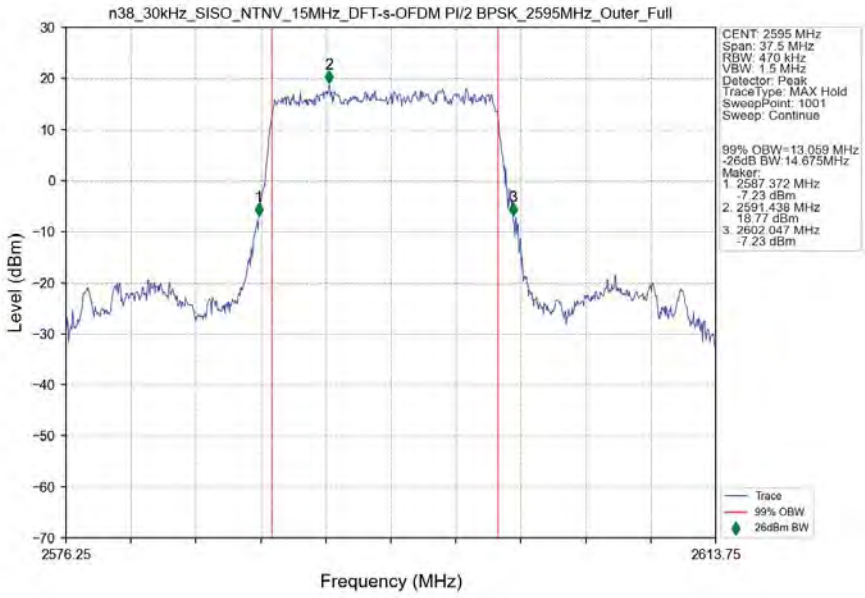


n38_30kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_2595MHz_Outer_Full_Ant3

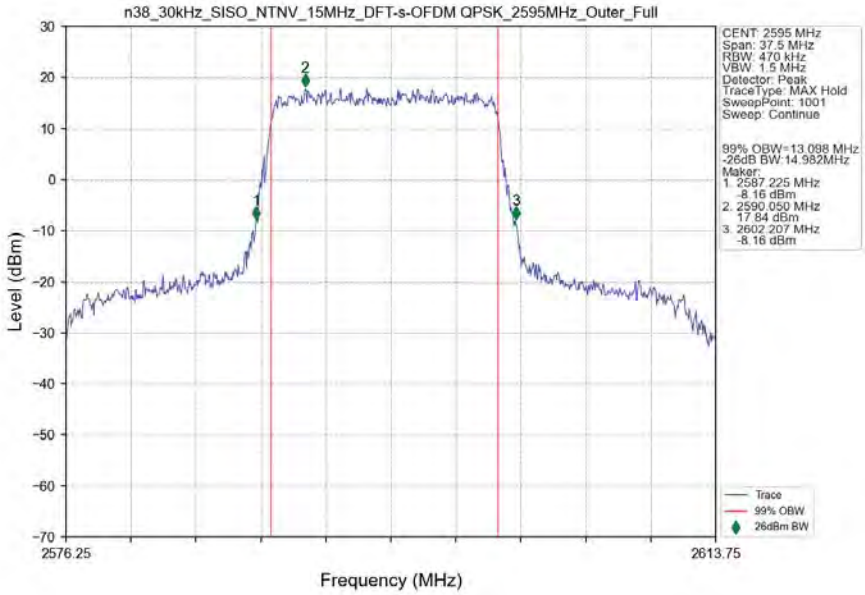


### 3.2.2 30k_SISO_15MHz_NTNV

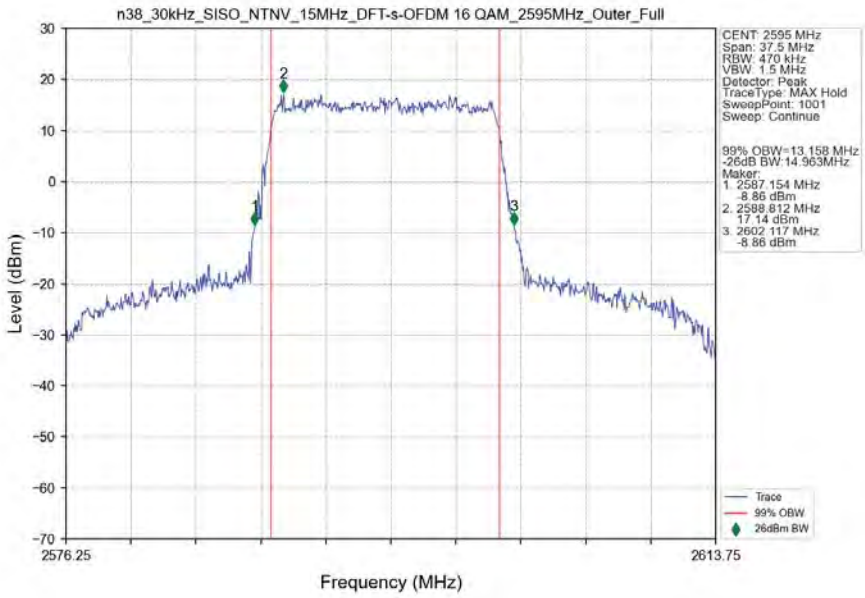
n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Outer_Full_Ant3



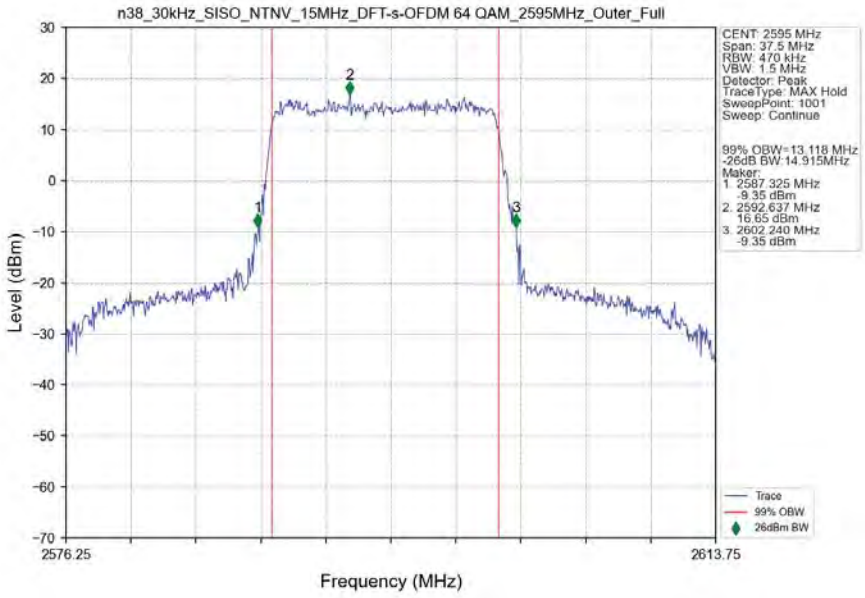

n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_2595MHz_Outer_Full_Ant3



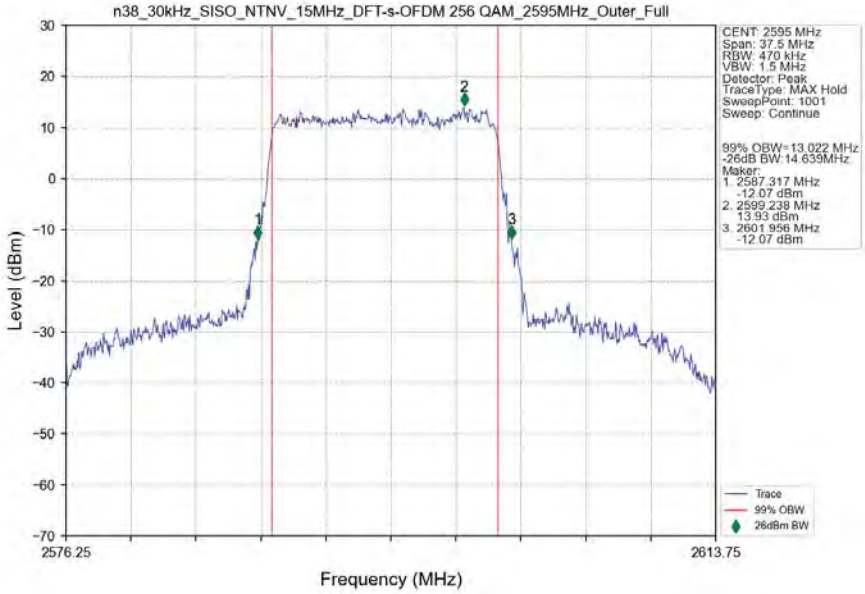
n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_2595MHz_Outer_Full_Ant3



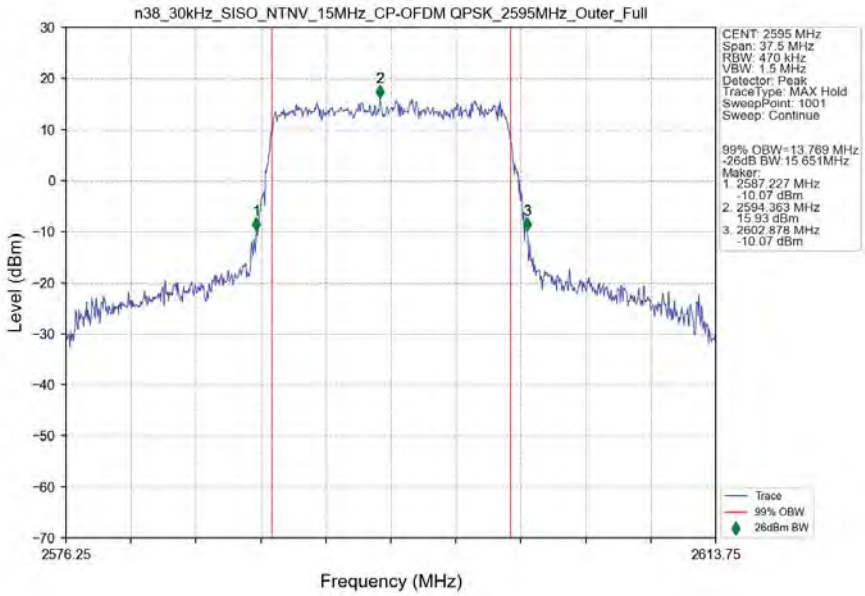

n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_2595MHz_Outer_Full_Ant3



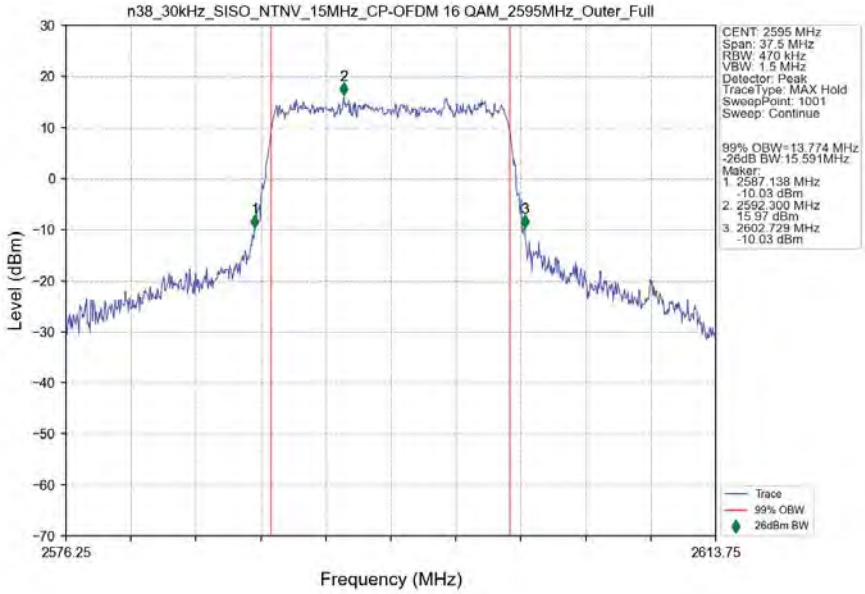
n38_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_2595MHz_Outer_Full_Ant3



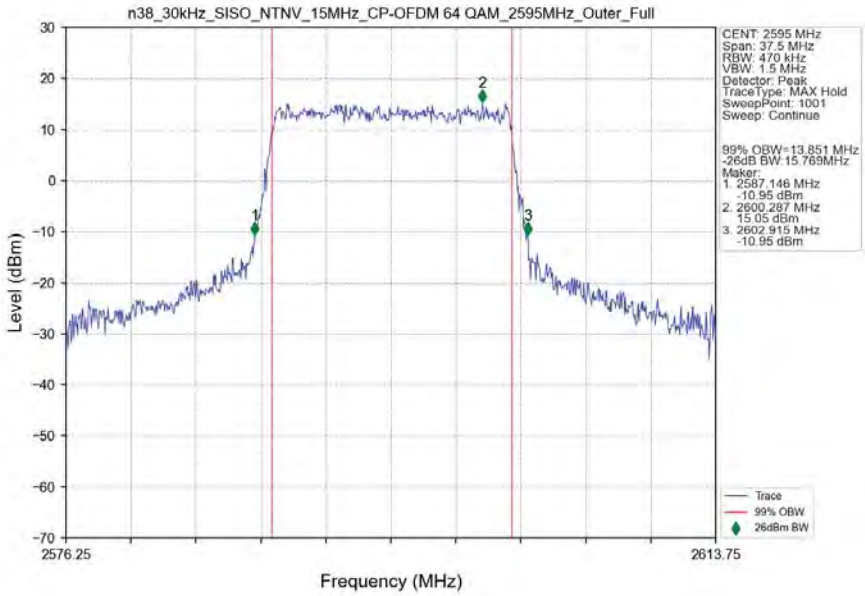

n38_30kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_2595MHz_Outer_Full_Ant3



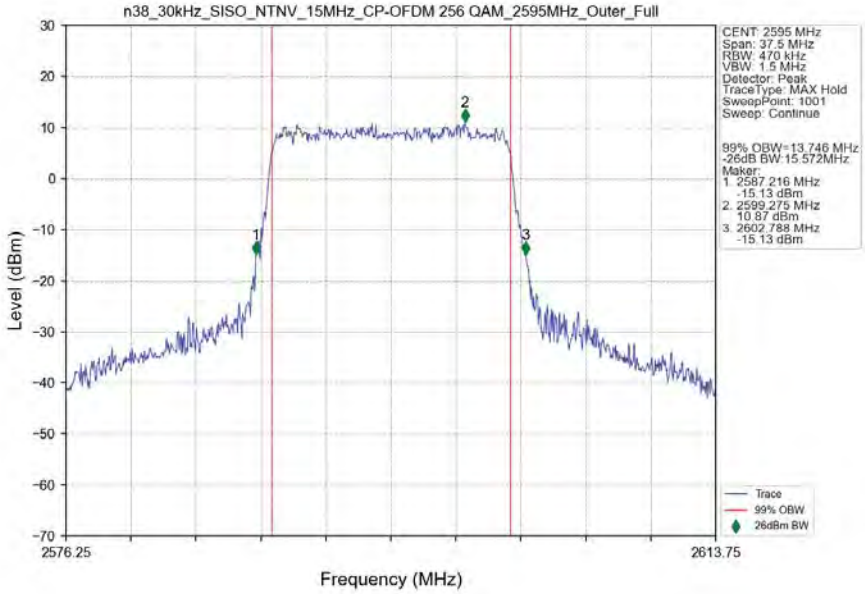
n38_30kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_2595MHz_Outer_Full_Ant3




n38_30kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_2595MHz_Outer_Full_Ant3

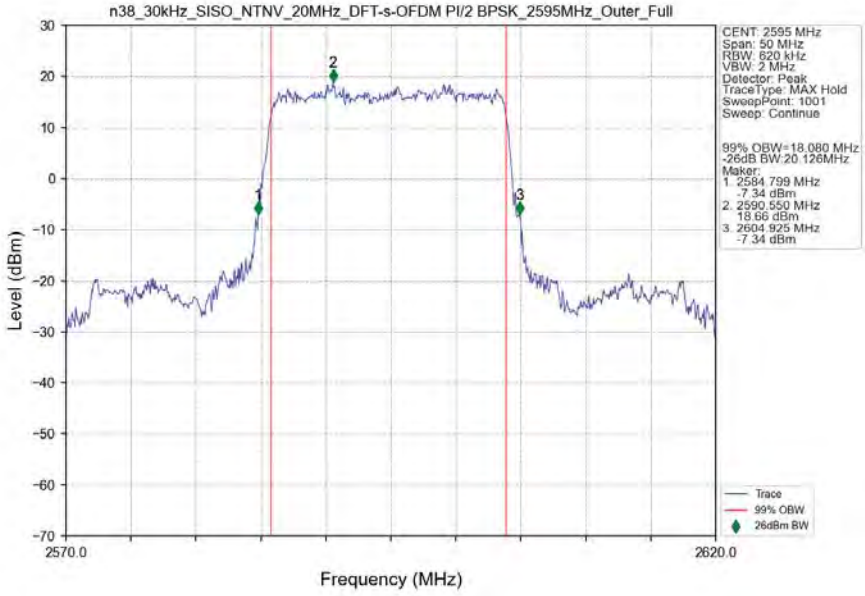


n38_30kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_2595MHz_Outer_Full_Ant3

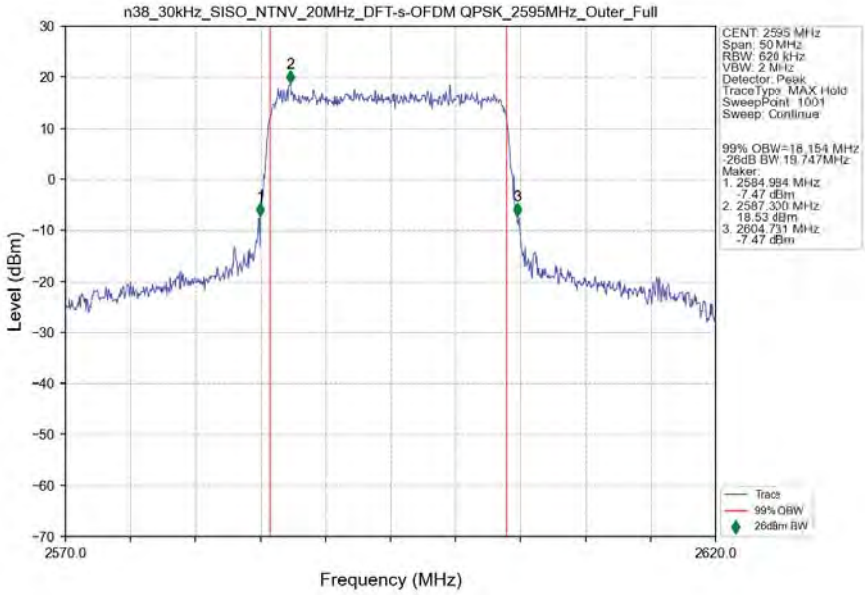


### 3.2.3 30k_SISO_20MHz_NTNV

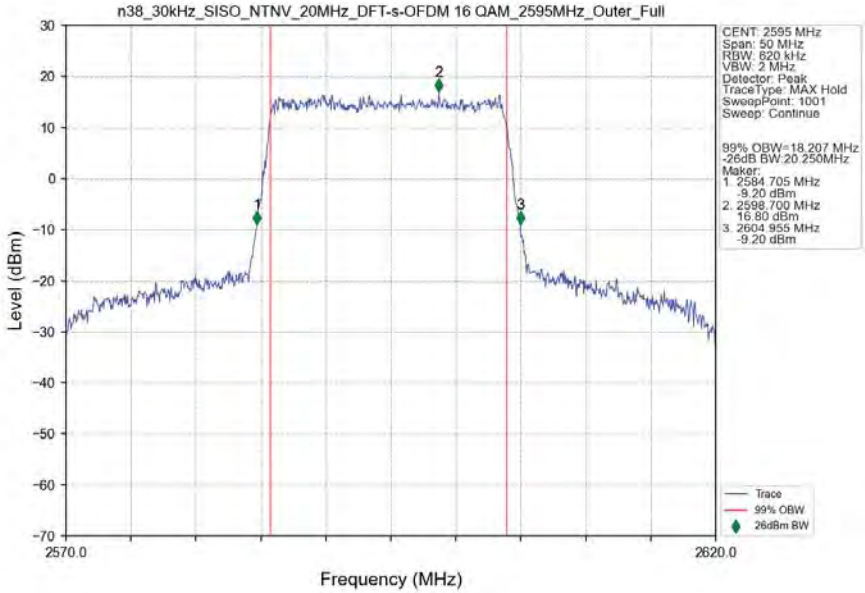
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Outer_Full_Ant3



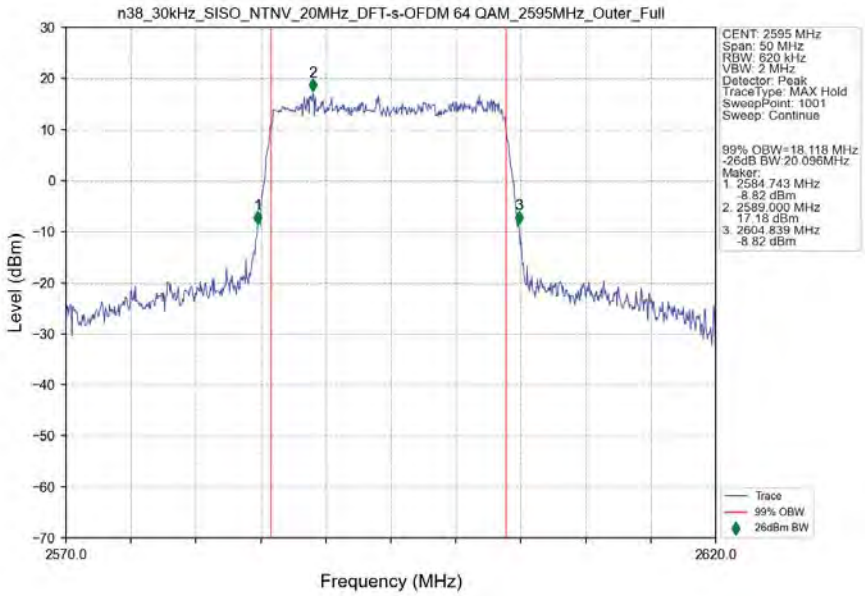

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_2595MHz_Outer_Full_Ant3



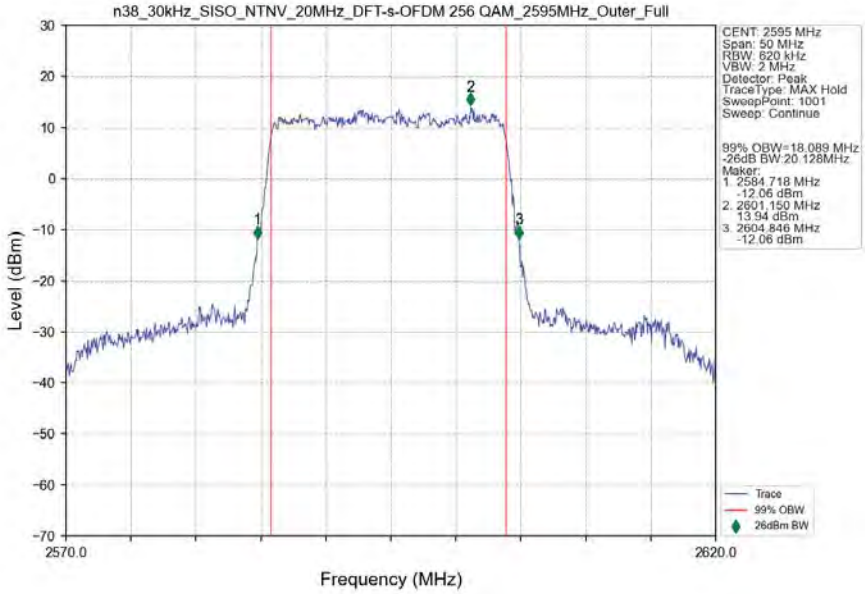
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 16 QAM_2595MHz_Outer_Full_Ant3



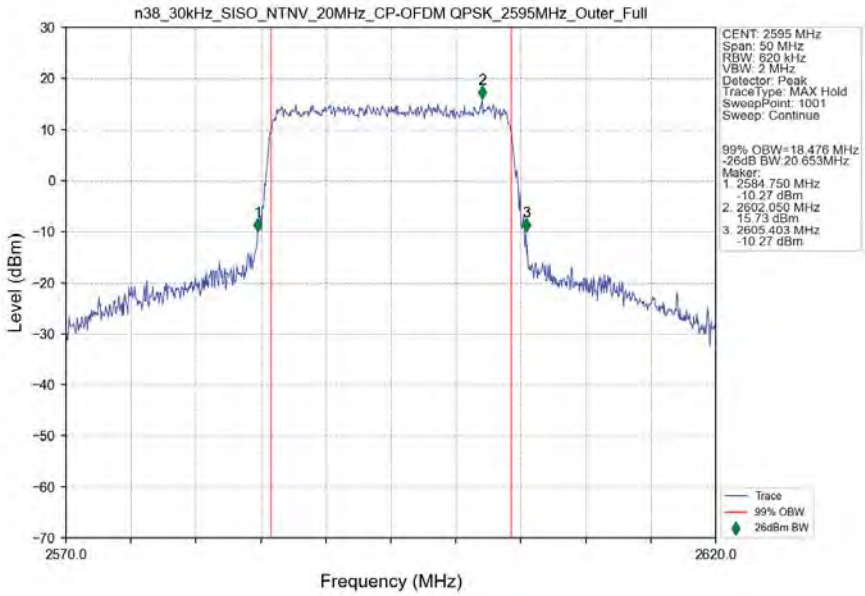

n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_2595MHz_Outer_Full_Ant3



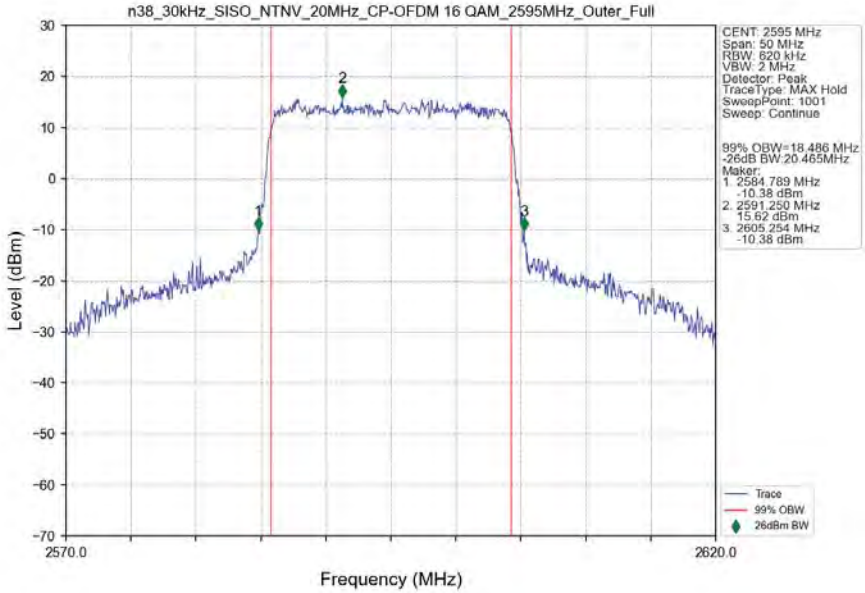
n38_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_2595MHz_Outer_Full_Ant3



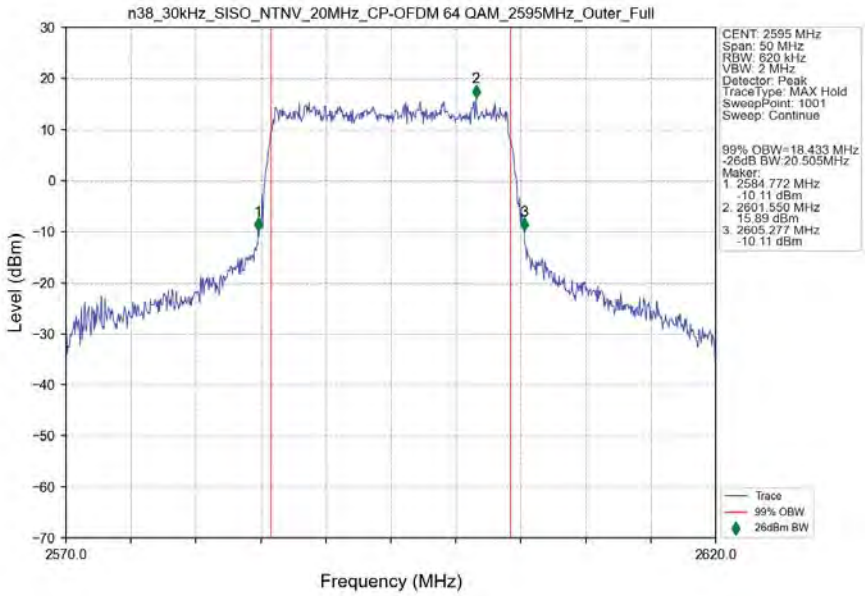

n38_30kHz_SISO_NTNV_20MHz_CP-OFDM QPSK_2595MHz_Outer_Full_Ant3



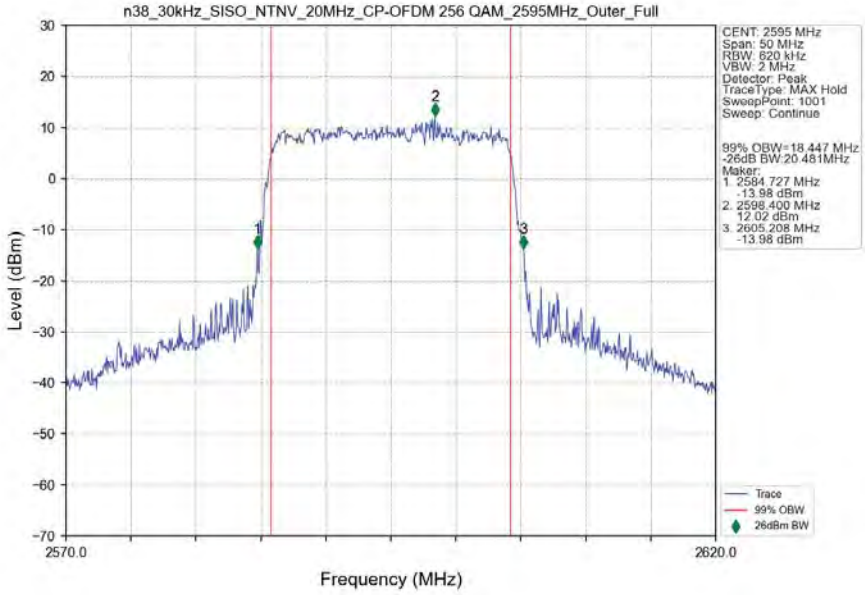
n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM_2595MHz_Outer_Full_Ant3




n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_2595MHz_Outer_Full_Ant3

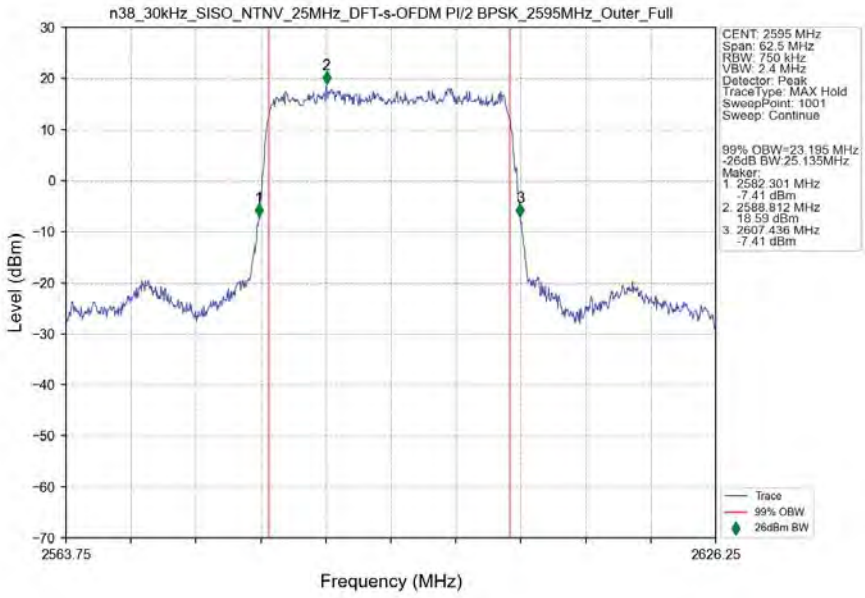


n38_30kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_2595MHz_Outer_Full_Ant3

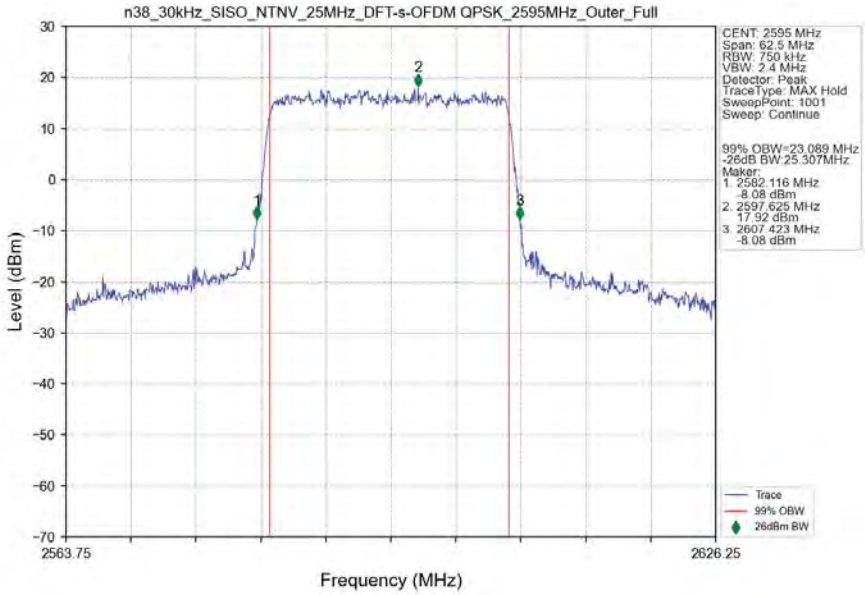


### 3.2.4 30k_SISO_25MHz_NTNV

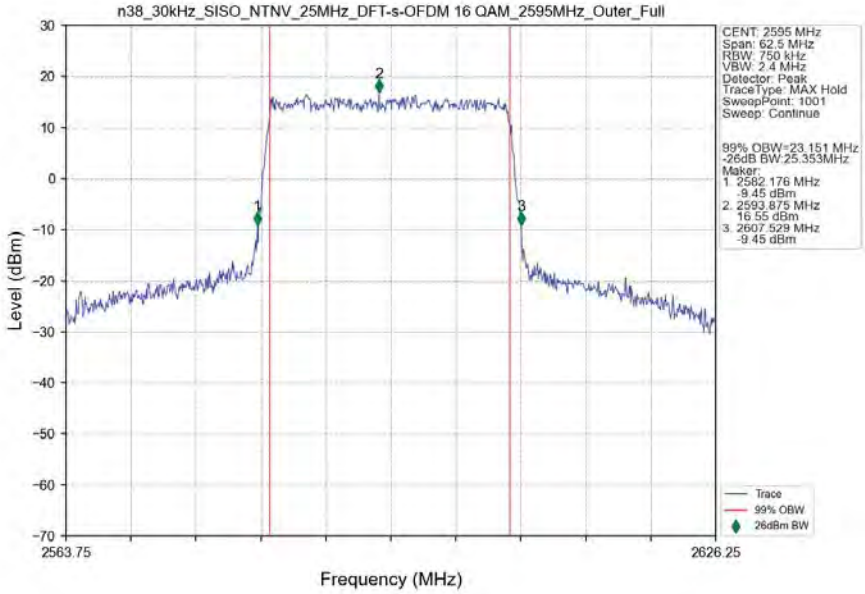
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Outer_Full_Ant3



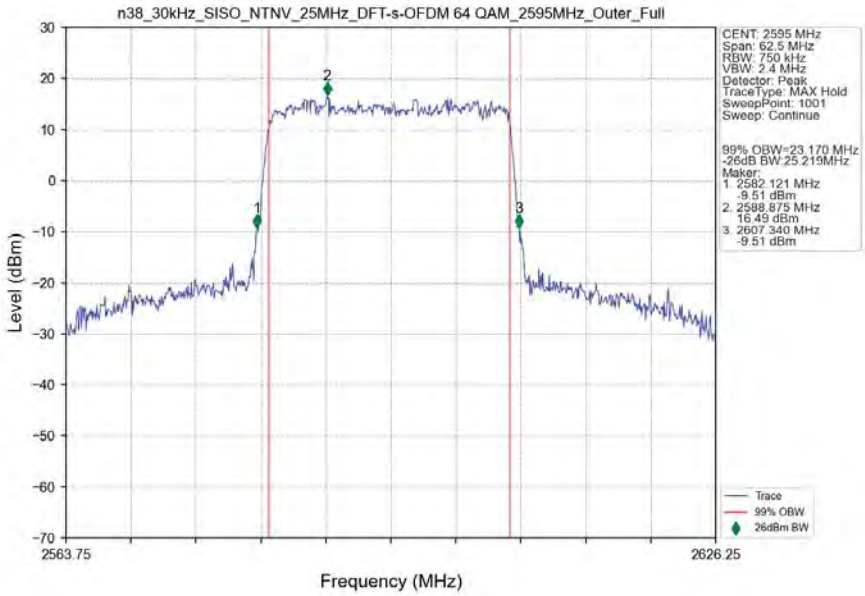

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2595MHz_Outer_Full_Ant3



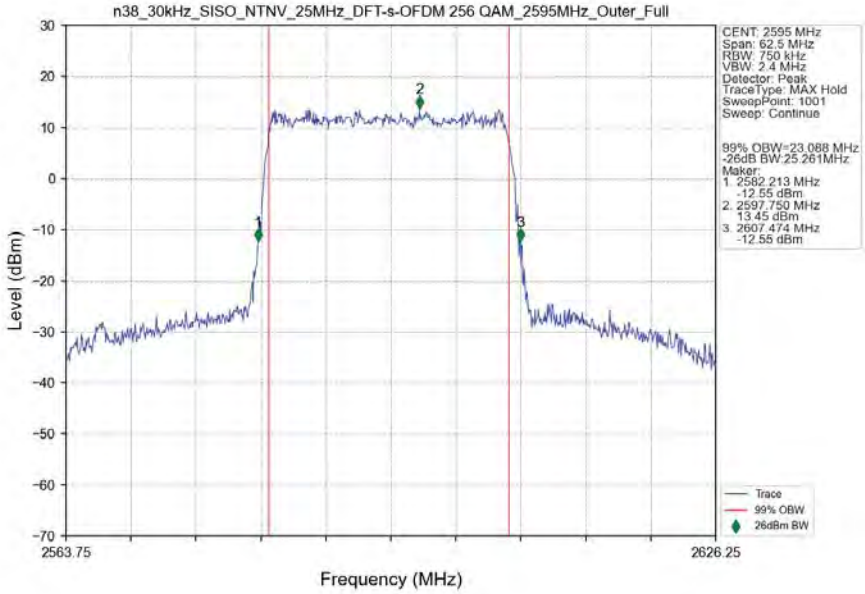
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 16 QAM_2595MHz_Outer_Full_Ant3



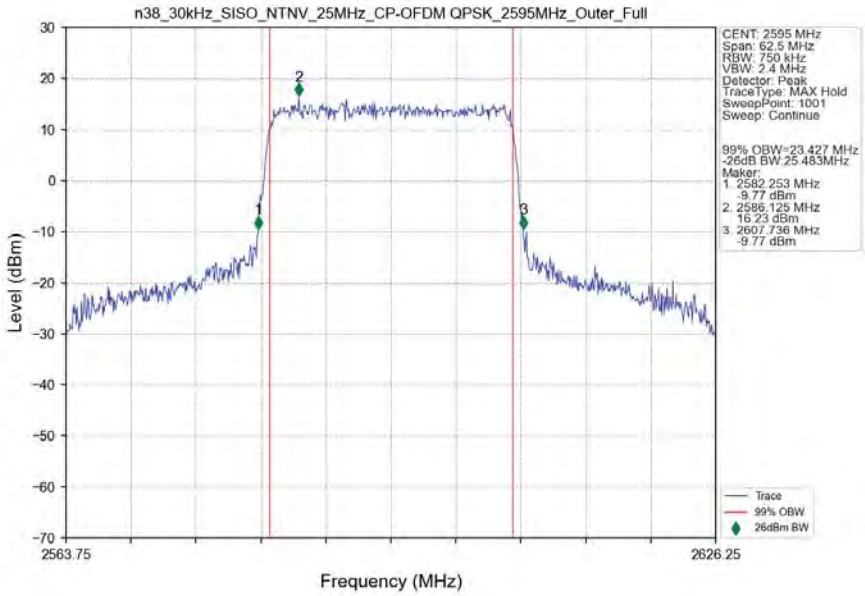

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM_2595MHz_Outer_Full_Ant3



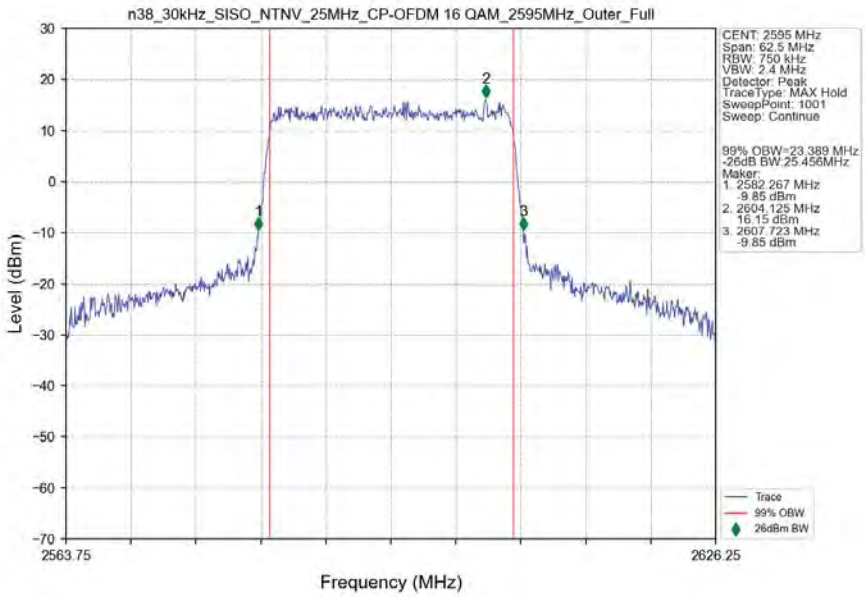
n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM 256 QAM_2595MHz_Outer_Full_Ant3



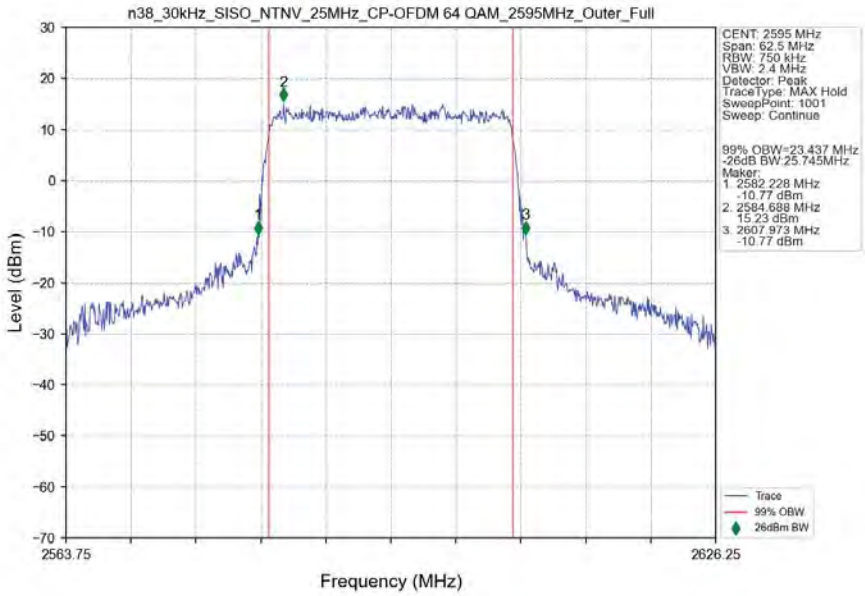

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2595MHz_Outer_Full_Ant3



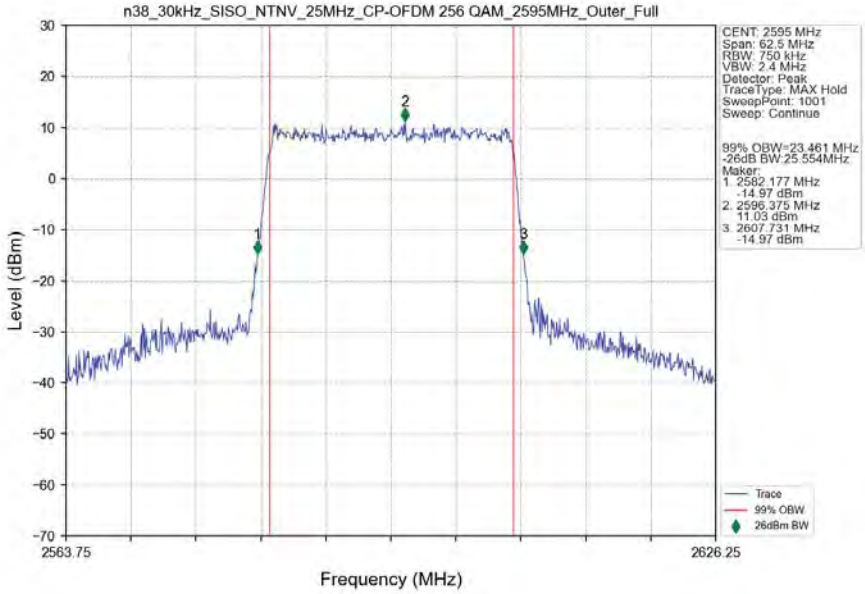
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM 16 QAM_2595MHz_Outer_Full_Ant3




n38_30kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_2595MHz_Outer_Full_Ant3

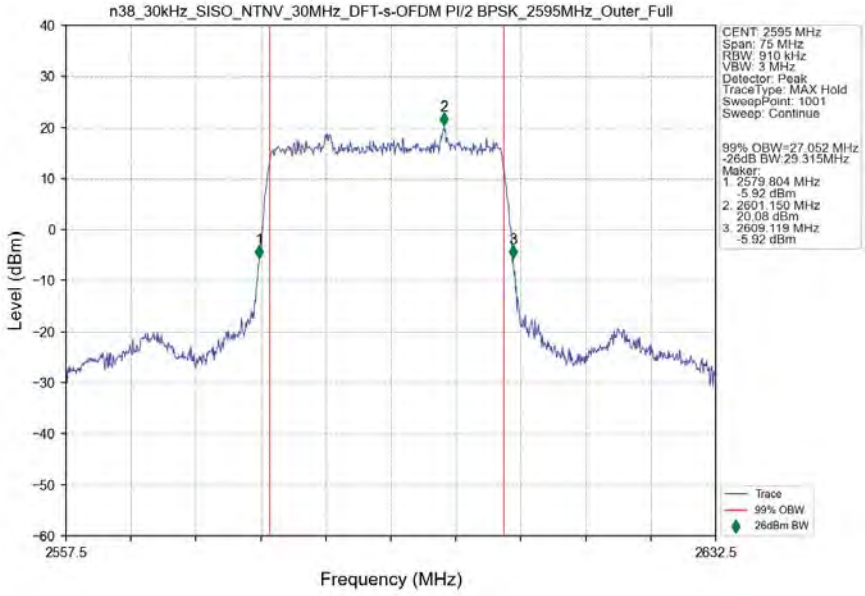


n38_30kHz_SISO_NTNV_25MHz_CP-OFDM 256 QAM_2595MHz_Outer_Full_Ant3

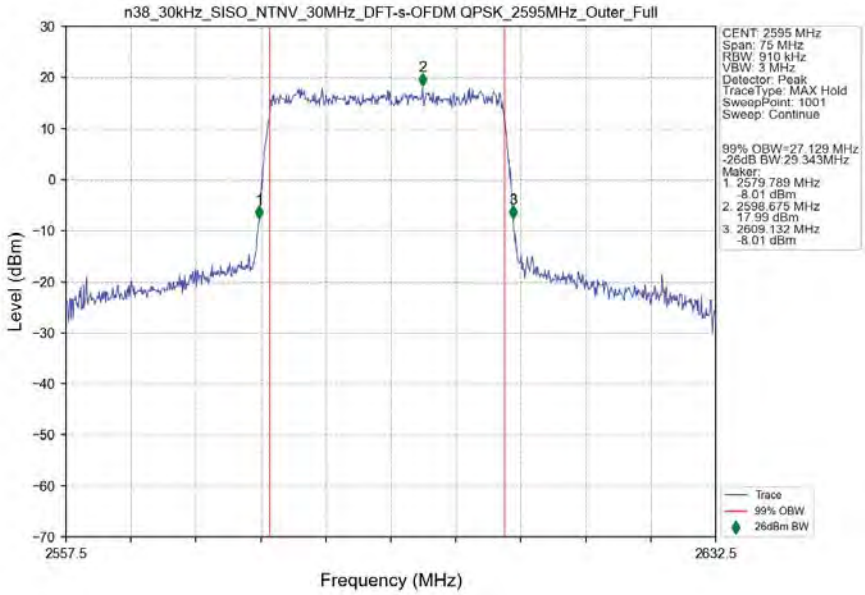


### 3.2.5 30k_SISO_30MHz_NTNV

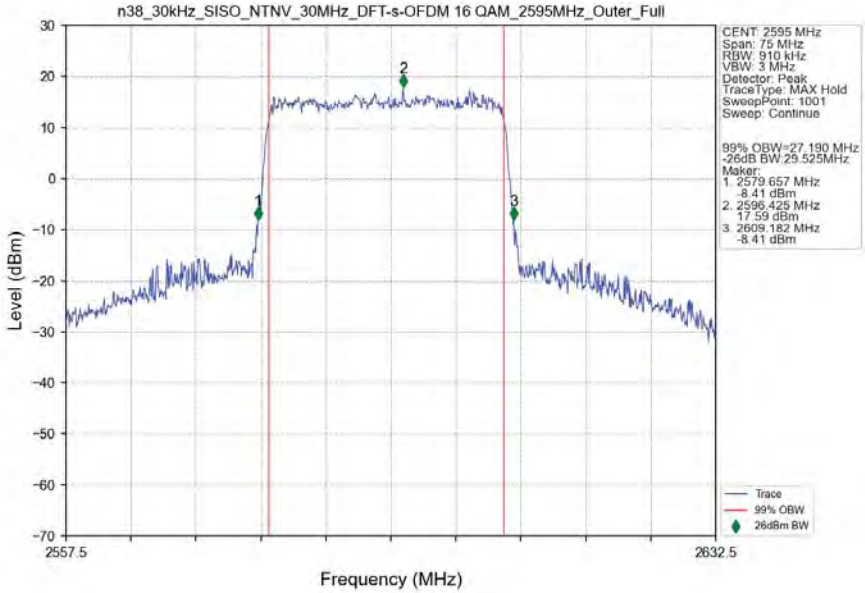
n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Outer_Full_Ant3



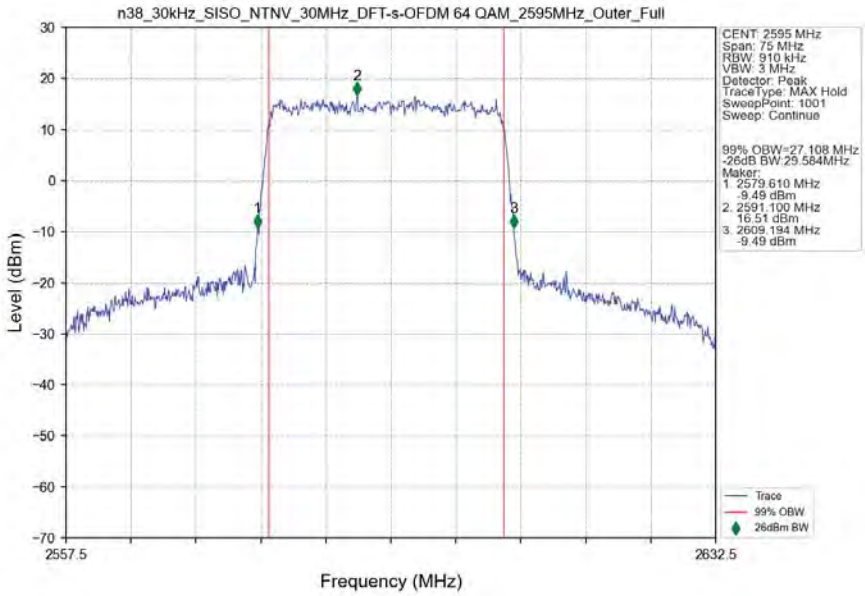

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2595MHz_Outer_Full_Ant3



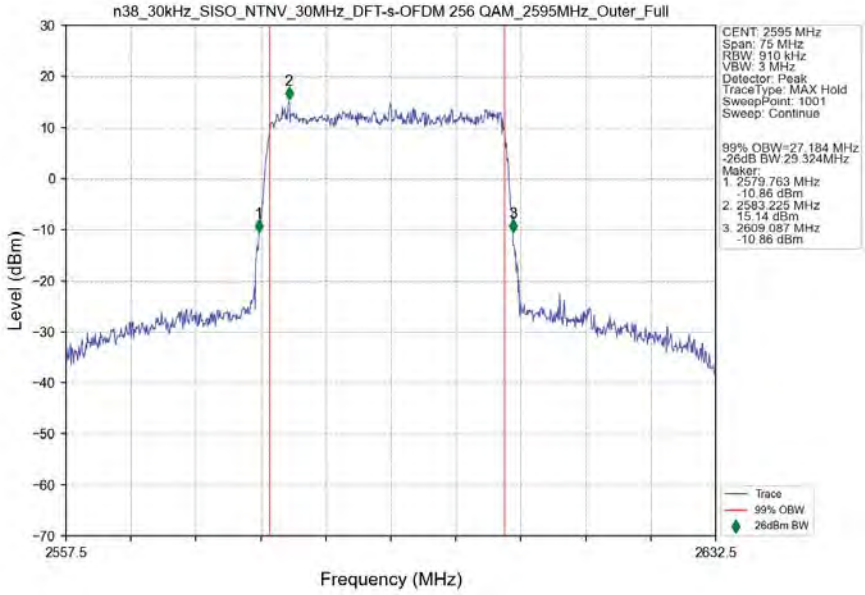
n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 16 QAM_2595MHz_Outer_Full_Ant3



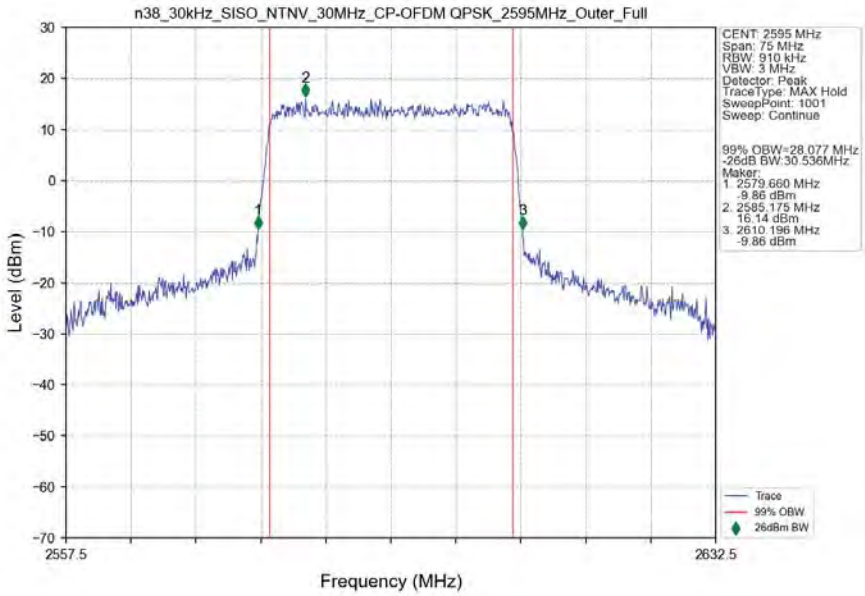

n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_2595MHz_Outer_Full_Ant3



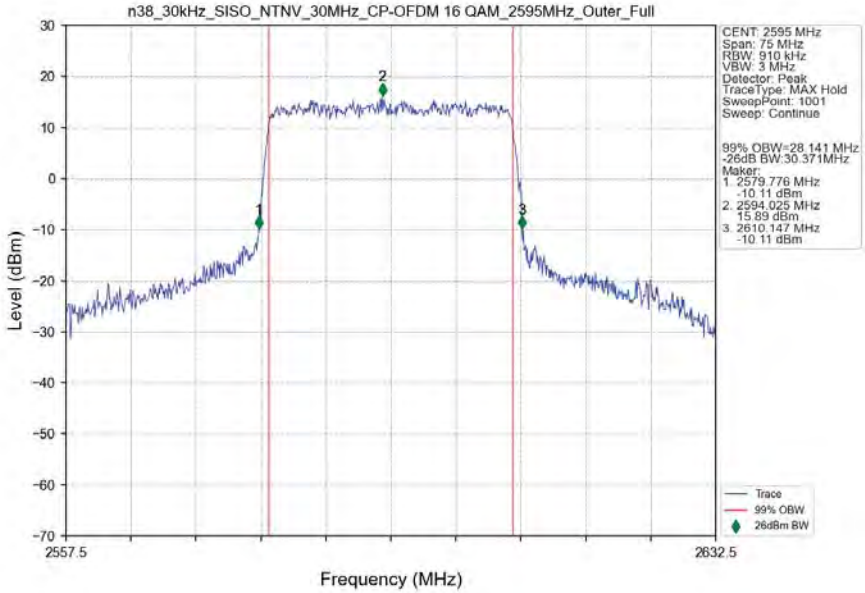
n38_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_2595MHz_Outer_Full_Ant3



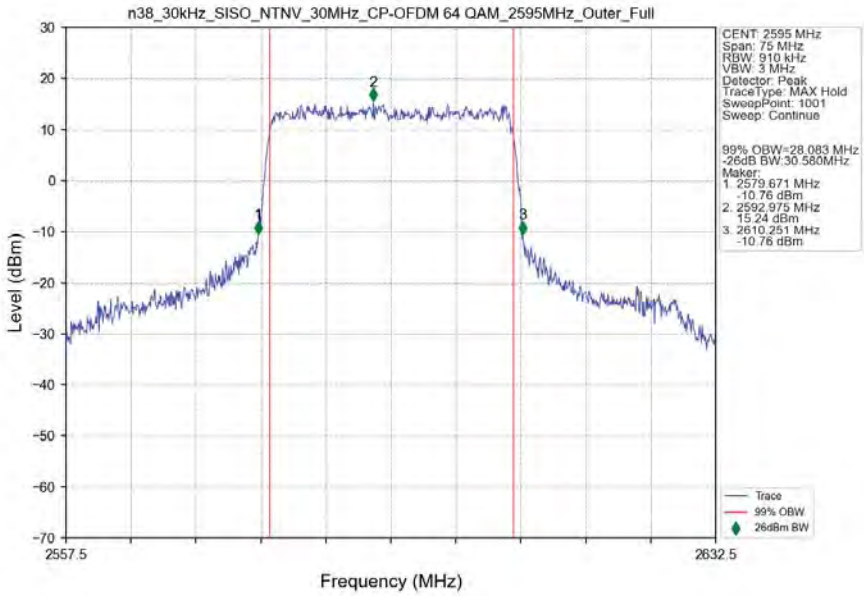

n38_30kHz_SISO_NTNV_30MHz_CP-OFDM QPSK_2595MHz_Outer_Full_Ant3



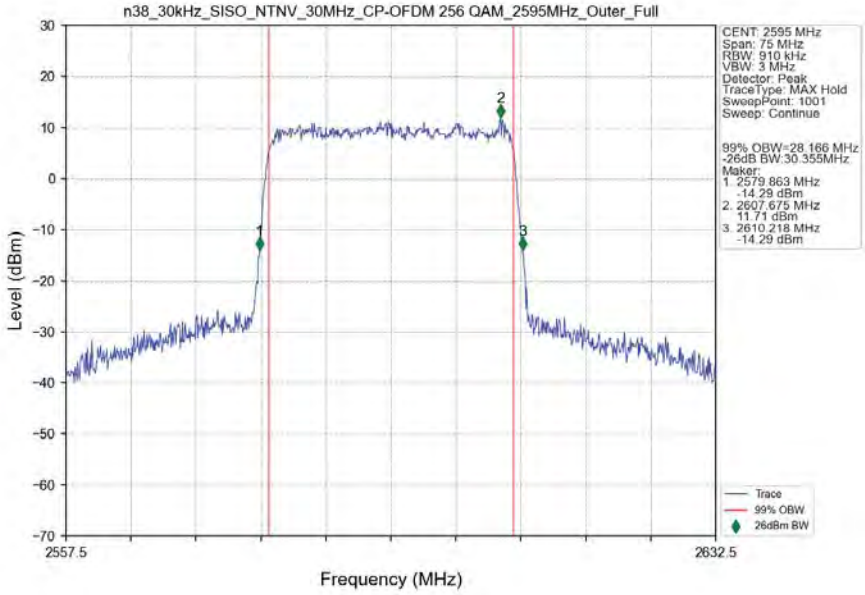
n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM_2595MHz_Outer_Full_Ant3




n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_2595MHz_Outer_Full_Ant3

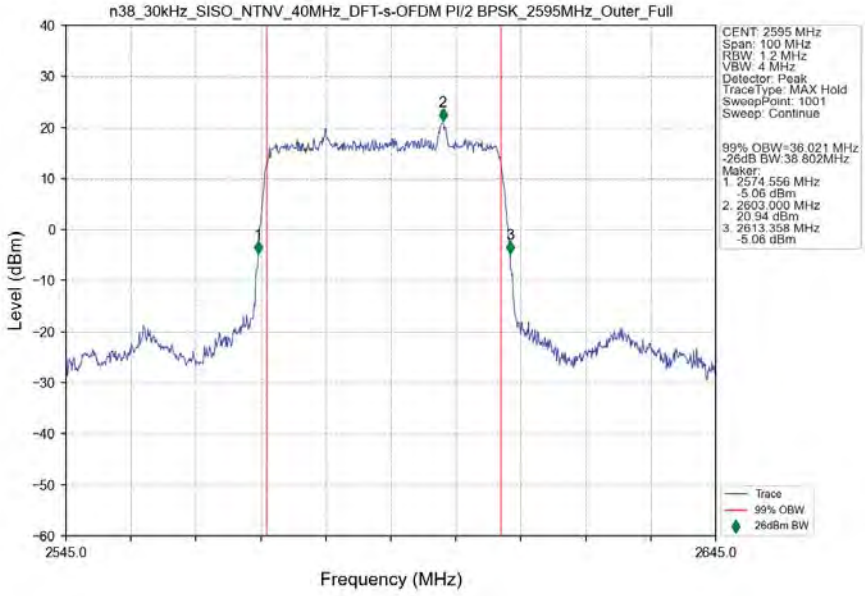


n38_30kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_2595MHz_Outer_Full_Ant3

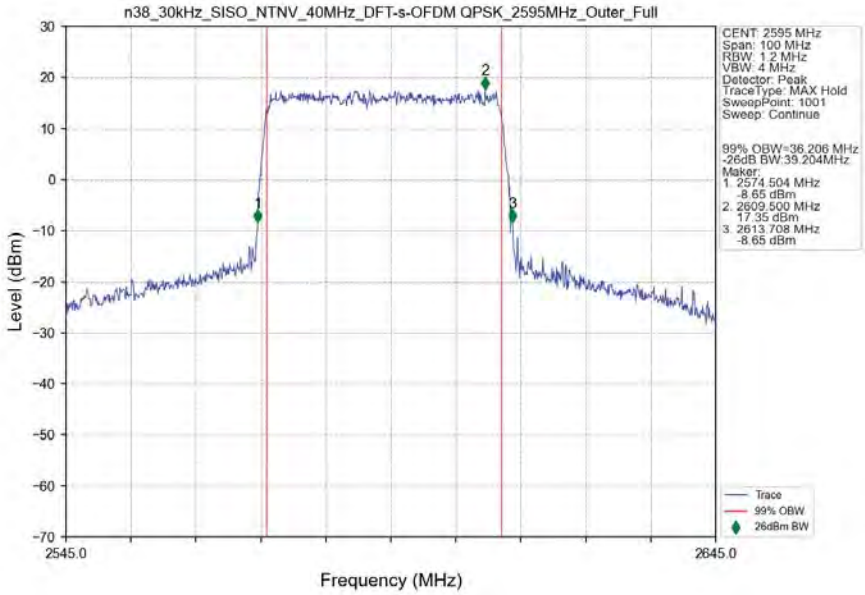


### 3.2.6 30k_SISO_40MHz_NTNV

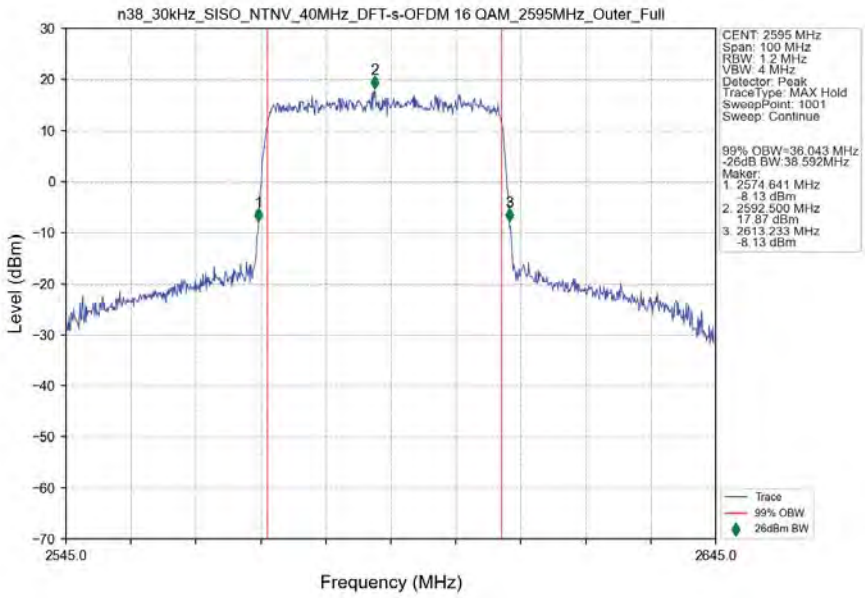
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Outer_Full_Ant3



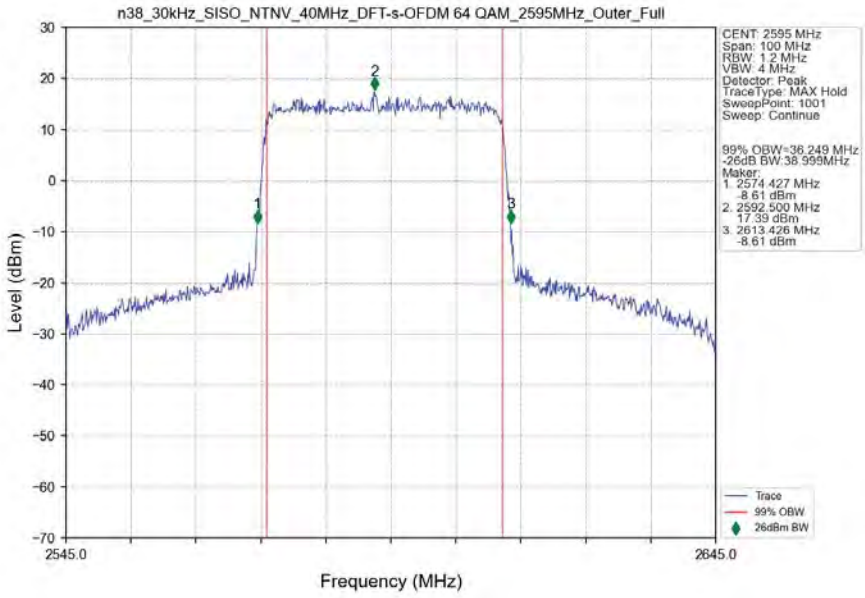

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2595MHz_Outer_Full_Ant3



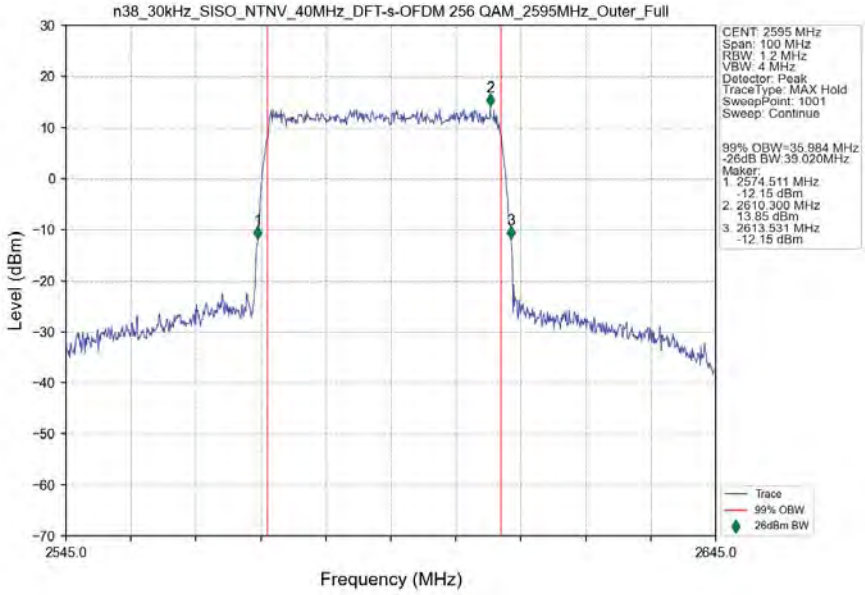
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM_2595MHz_Outer_Full_Ant3



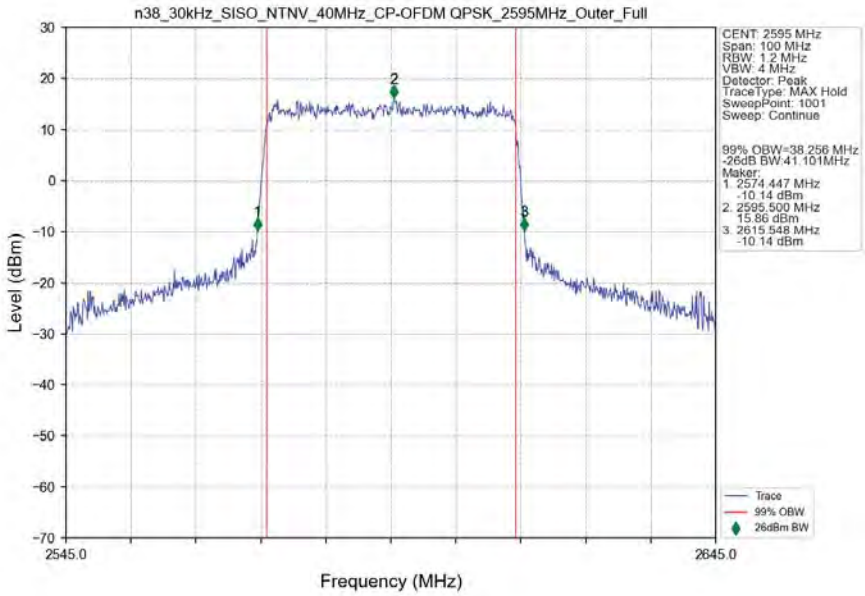

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_2595MHz_Outer_Full_Ant3



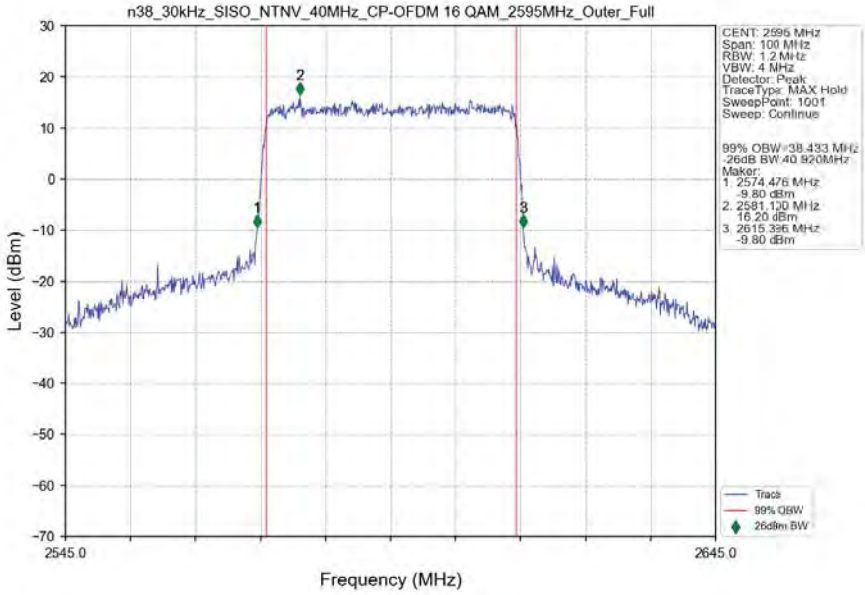
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_2595MHz_Outer_Full_Ant3



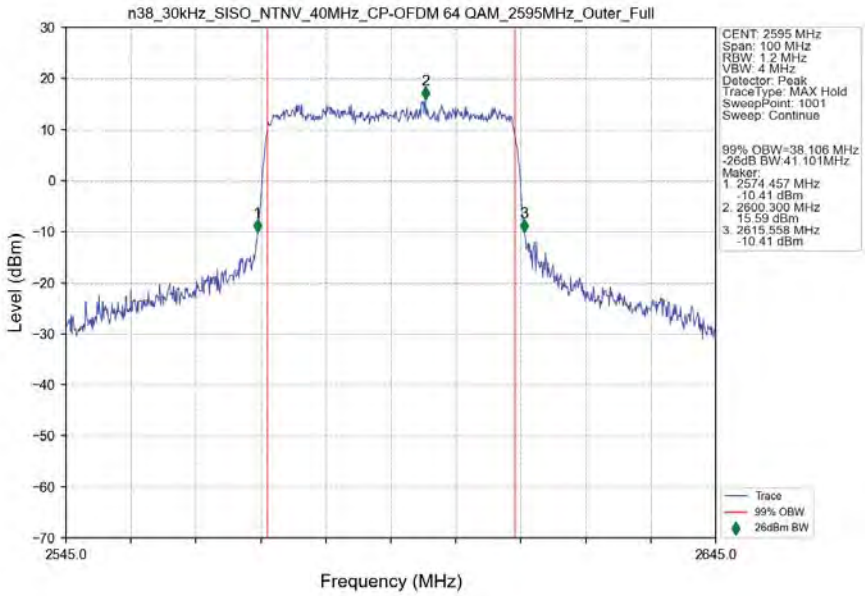

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2595MHz_Outer_Full_Ant3



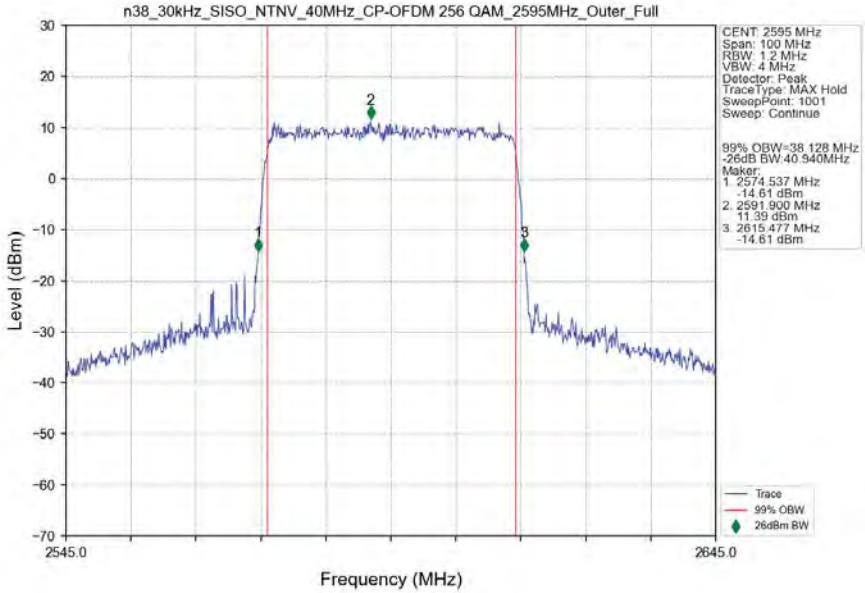
n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM_2595MHz_Outer_Full_Ant3




n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_2595MHz_Outer_Full_Ant3



n38_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_2595MHz_Outer_Full_Ant3



# 4. Peak-Average Ratio

## 4.1 Test Result

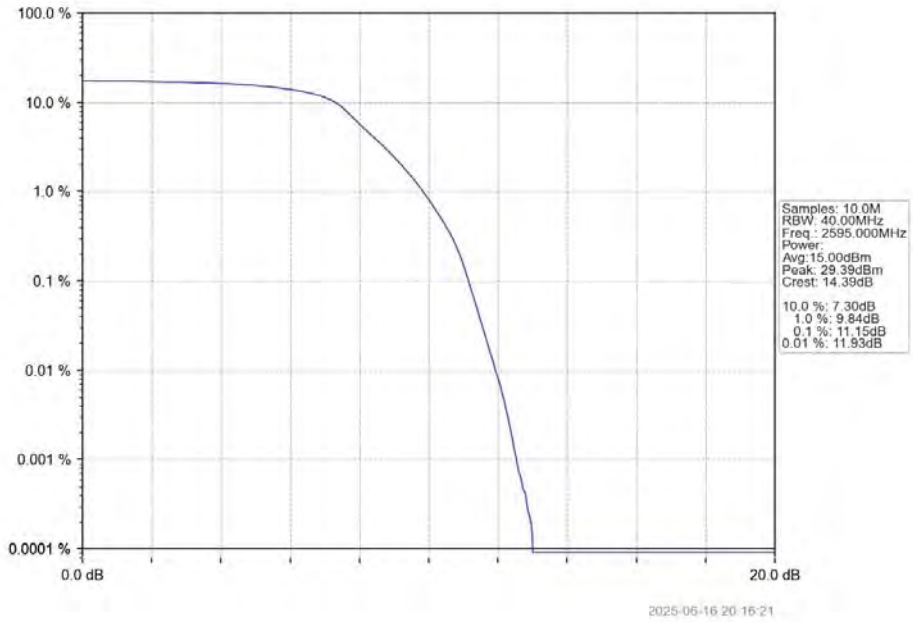
### 4.1.1 30k_SISO_40MHz_NTNV

| 5G NR n38 SCS=30kHz SISO 40MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Peak-Average Ratio (dB) | | | | Verdict |
| | | | Ant3 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2595 | Outer_Full | 11.15 | / | / | <=13 | Pass |
| DFT-s-OFDM QPSK | 2595 | Outer_Full | 11.58 | / | / | <=13 | Pass |
| CP-OFDM QPSK | 2595 | Outer_Full | 8.41 | / | / | <=13 | Pass |

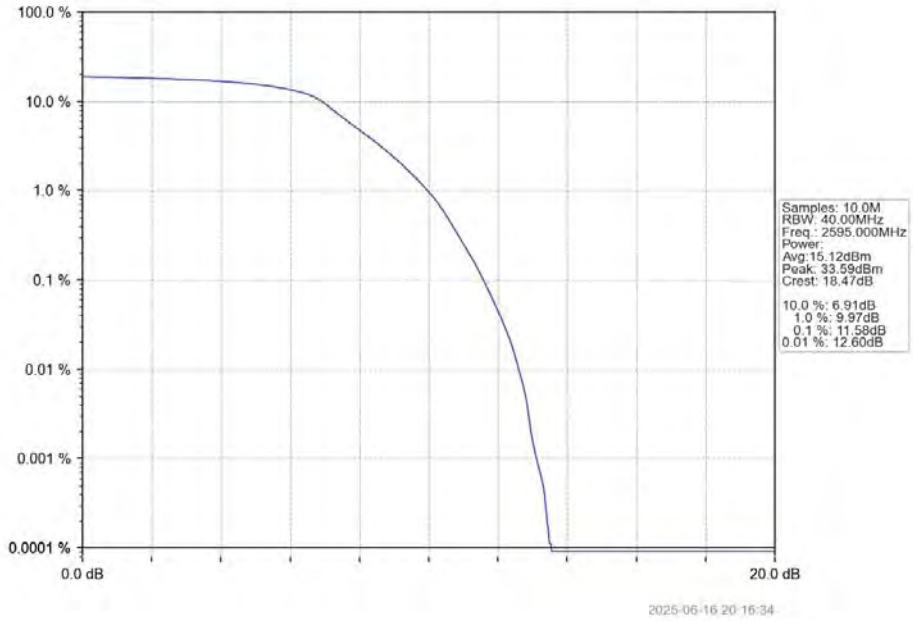
## 4.2 Test Graph

### 4.2.1 30k_SISO_40MHz_NTNV

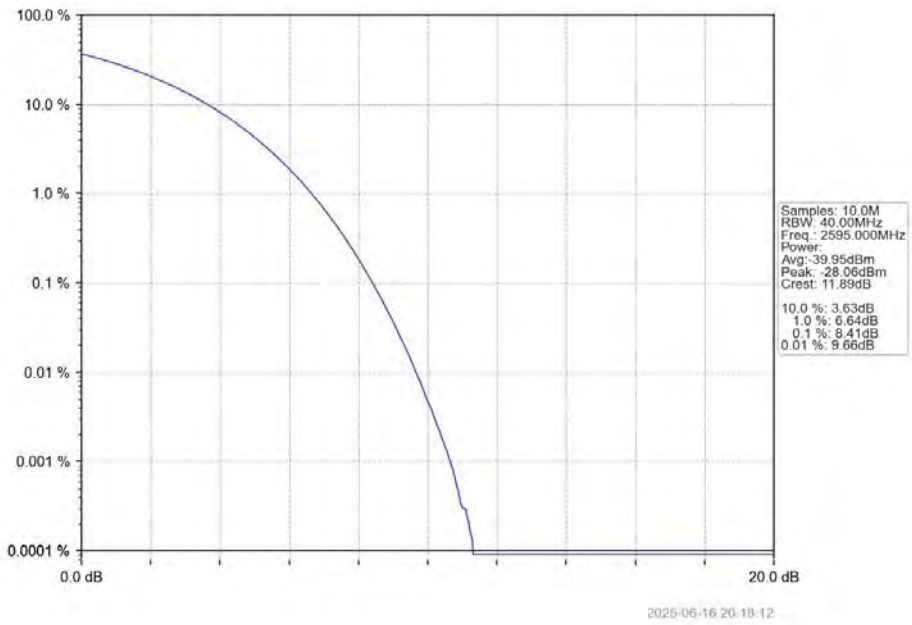
n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Outer_Full_Ant3




n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2595MHz_Outer_Full_Ant3




n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2595MHz_Outer_Full_Ant3


100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples: 10.0M
RBW: 40.00MHz
Freq.: 2595.000MHz
Power:
Avg:-39.95dBm
Peak: -28.06dBm
Crest: 11.89dB
10.0 %: 3.63dB
1.0 %: 6.64dB
0.1 %: 8.41dB
0.01 %: 9.66dB
2025-06-16 20:18:12

# 5. Spurious Emission

## 5.1 Test Result

### 5.1.1 30k_SISO_10MHz_NTNV

| 5G NR n38 SCS=30kHz SISO 10MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant3 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2575 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2595 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2615 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| DFT-s-OFDM QPSK | 2575 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2595 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2615 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| CP-OFDM QPSK | 2575 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2595 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2615 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |

### 5.1.2 30k_SISO_25MHz_NTNV

| 5G NR n38 SCS=30kHz SISO 25MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant3 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2582.5 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2595 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2607.5 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| DFT-s-OFDM QPSK | 2582.5 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2595 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2607.5 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| CP-OFDM QPSK | 2582.5 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2595 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2607.5 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |

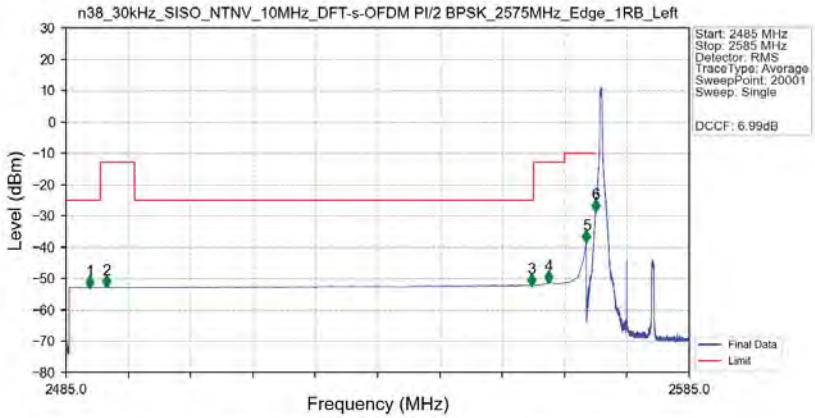
### 5.1.3 30k_SISO_40MHz_NTNV

| 5G NR n38 SCS=30kHz SISO 40MHz NTNV | | | | | | | |
|---|---|---|---|---|---|---|---|
| Modulation | Frequency (MHz) | RB Allocation | Spurious Emission | | | | Verdict |
| | | | Ant3 | Ant2 | Sum | Limit | |
| DFT-s-OFDM PI/2 BPSK | 2590 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2595 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2600 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| DFT-s-OFDM QPSK | 2590 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2595 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2600 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| CP-OFDM QPSK | 2590 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |
| | 2595 | Edge_1RB_Left | Refer To Test Graph | | | | Pass |
| | 2600 | Edge_1RB_Right | Refer To Test Graph | | | | Pass |
| | | Outer_Full | Refer To Test Graph | | | | Pass |

## 5.2 Test Graph

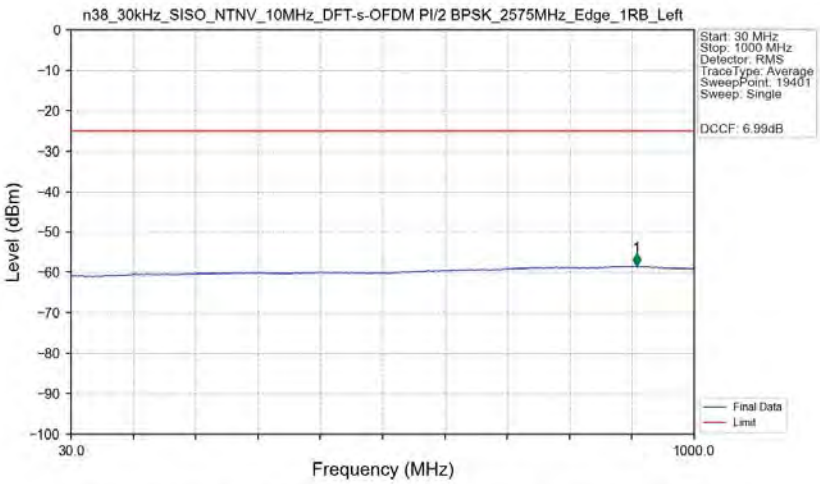
### 5.2.1 30k_SISO_10MHz_NTNV

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2575MHz_Edge_1RB_Left_Ant3



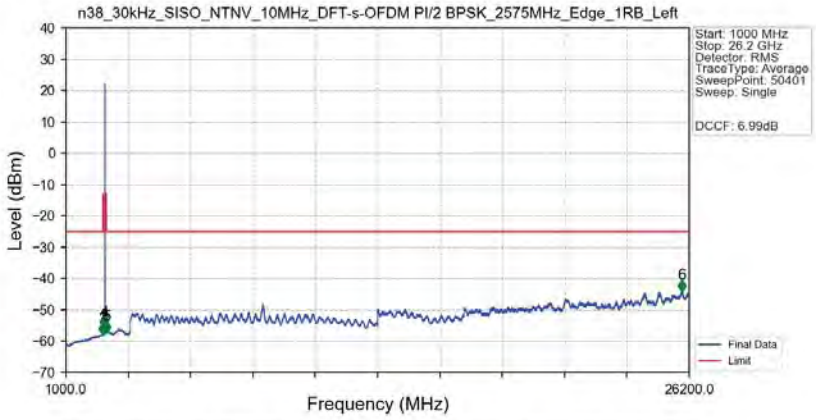

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2488.830 | -52.83 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2491.475 | -52.69 | -13 | Pass |
| 2496 | 2560 | 1 | CHP | 3 | 2559.675 | -52.11 | -25 | Pass |
| 2560 | 2565 | 1 | CHP | 4 | 2562.480 | -51.16 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.500 | -38.35 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 6 | 2569.995 | -28.43 | -10 | Pass |
| 2570 | 2585 | 0.02 | CHP | / | / | / | / | / |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2575MHz_Edge_1RB_Left_Ant3



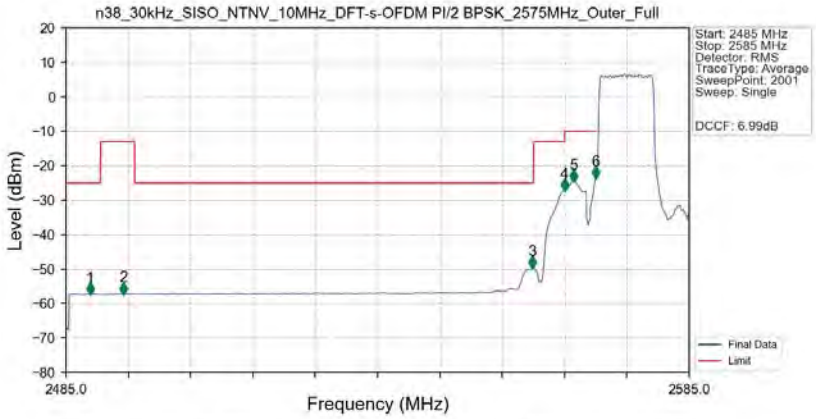

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 910.050 | -58.45 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2575MHz_Edge_1RB_Left_Ant3



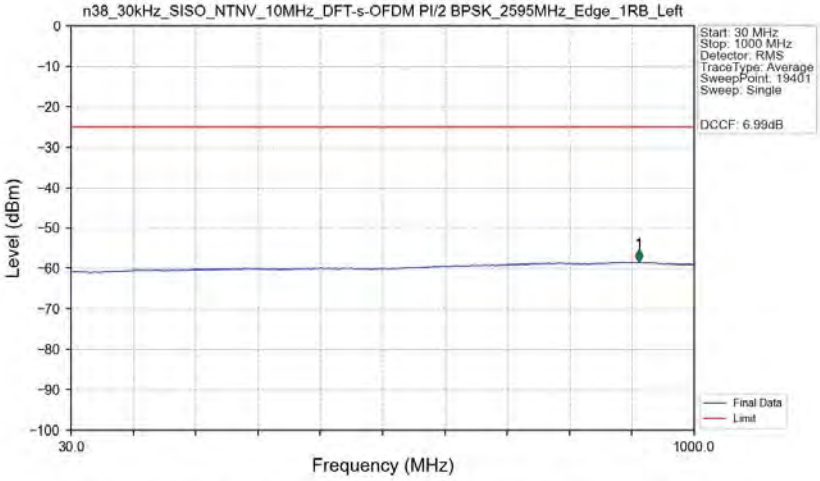

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2482.000 | -57.75 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2492.000 | -57.73 | -13 | Pass |
| 2496 | 2560 | 1 | / | 3 | 2560.000 | -57.12 | -25 | Pass |
| 2560 | 2565 | 1 | / | 4 | 2562.500 | -55.74 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2630 | 1 | / | 5 | 2630.000 | -57.23 | -13 | Pass |
| 2630 | 26200 | 1 | / | 6 | 25909.500 | -44.00 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2575MHz_Outer_Full_Ant3



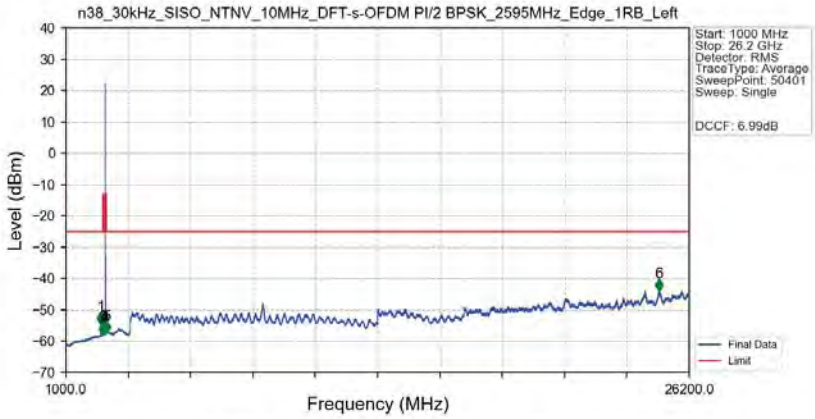

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2488.900 | -57.27 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2494.250 | -57.16 | -13 | Pass |
| 2496 | 2560 | 1 | CHP | 3 | 2559.850 | -49.51 | -25 | Pass |
| 2560 | 2565 | 1 | CHP | 4 | 2565.000 | -27.12 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2566.450 | -24.63 | -10 | Pass |
| 2569 | 2570 | 0.203 | CHP | 6 | 2569.950 | -23.54 | -10 | Pass |
| 2570 | 2585 | 0.203 | CHP | / | / | / | / | / |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Edge_1RB_Left_Ant3



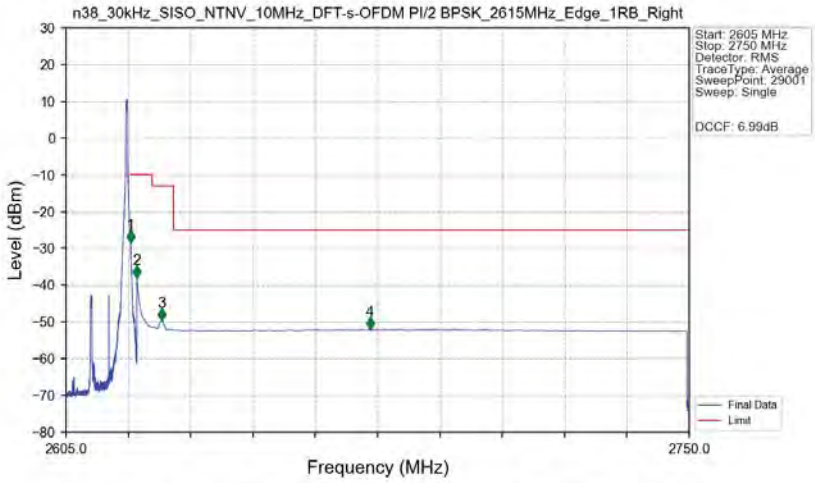

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 913.500 | -58.42 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Edge_1RB_Left_Ant3



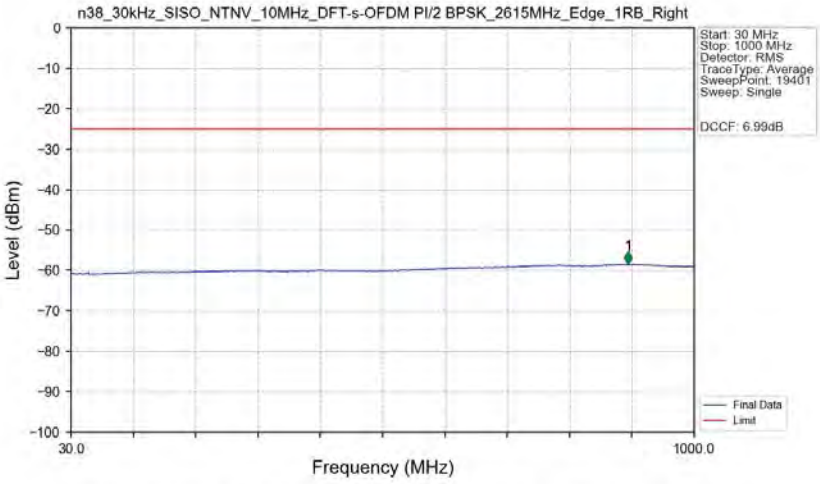

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2409.000 | -54.24 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2491.500 | -57.72 | -13 | Pass |
| 2496 | 2560 | 1 | / | 3 | 2558.000 | -57.21 | -25 | Pass |
| 2560 | 2565 | 1 | / | 4 | 2564.500 | -57.30 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2630 | 1 | / | 5 | 2626.000 | -57.20 | -13 | Pass |
| 2630 | 26200 | 1 | / | 6 | 24976.500 | -43.72 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2615MHz_Edge_1RB_Right_Ant3



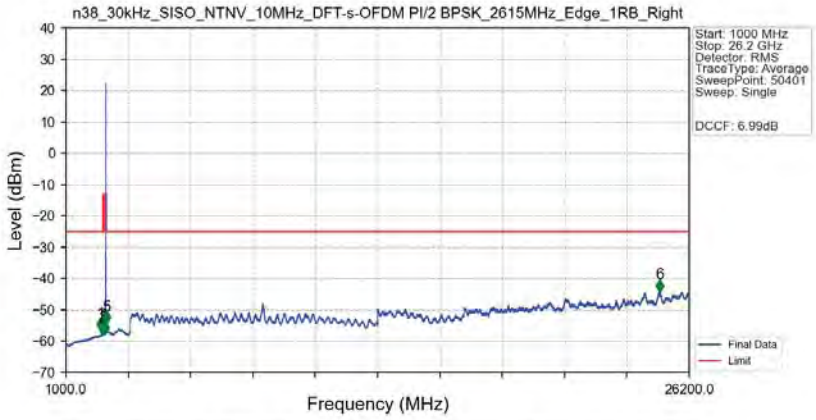

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2605 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 1 | 2620.005 | -28.53 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.500 | -38.05 | -10 | Pass |
| 2625 | 2630 | 1 | CHP | 3 | 2627.285 | -49.73 | -13 | Pass |
| 2630 | 2750 | 1 | CHP | 4 | 2675.740 | -52.05 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2615MHz_Edge_1RB_Right_Ant3



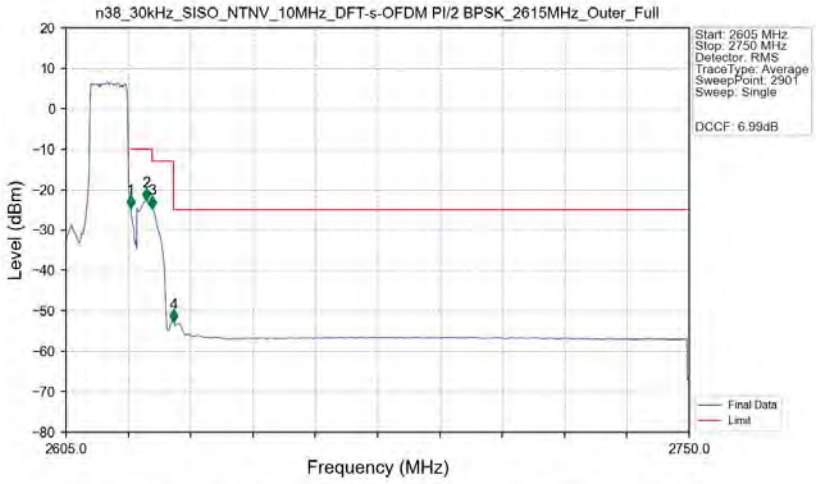

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 897.100 | -58.44 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2615MHz_Edge_1RB_Right_Ant3



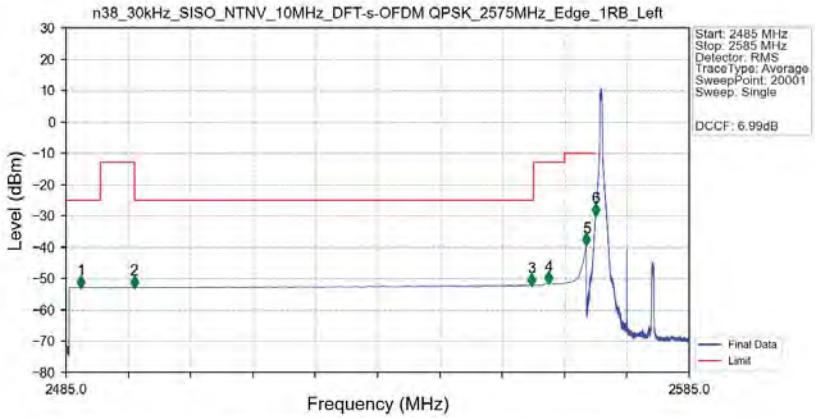

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2412.000 | -56.28 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2491.500 | -57.73 | -13 | Pass |
| 2496 | 2560 | 1 | / | 3 | 2544.500 | -57.27 | -25 | Pass |
| 2560 | 2565 | 1 | / | 4 | 2564.000 | -57.36 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2630 | 1 | / | 5 | 2627.500 | -54.22 | -13 | Pass |
| 2630 | 26200 | 1 | / | 6 | 24996.500 | -43.94 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_2615MHz_Outer_Full_Ant3



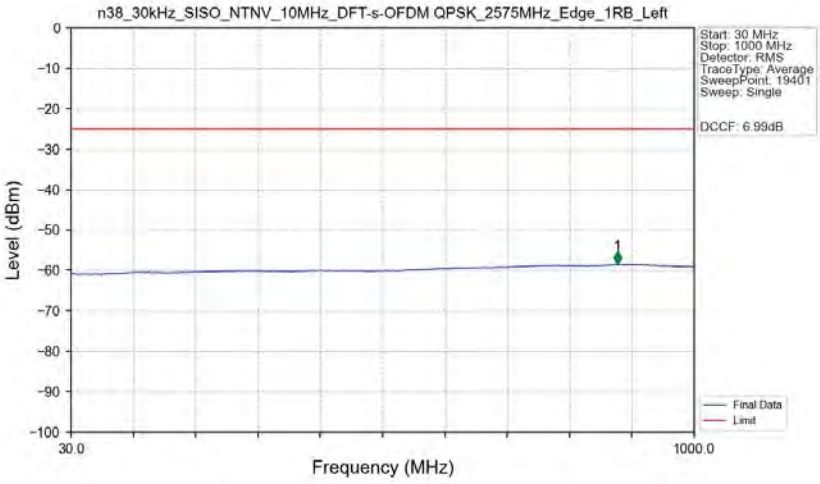

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2605 | 2620 | 0.205 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.205 | CHP | 1 | 2620.050 | -24.61 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2623.750 | -22.83 | -10 | Pass |
| 2625 | 2630 | 1 | CHP | 3 | 2625.050 | -24.66 | -13 | Pass |
| 2630 | 2750 | 1 | CHP | 4 | 2630.050 | -52.72 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2575MHz_Edge_1RB_Left_Ant3



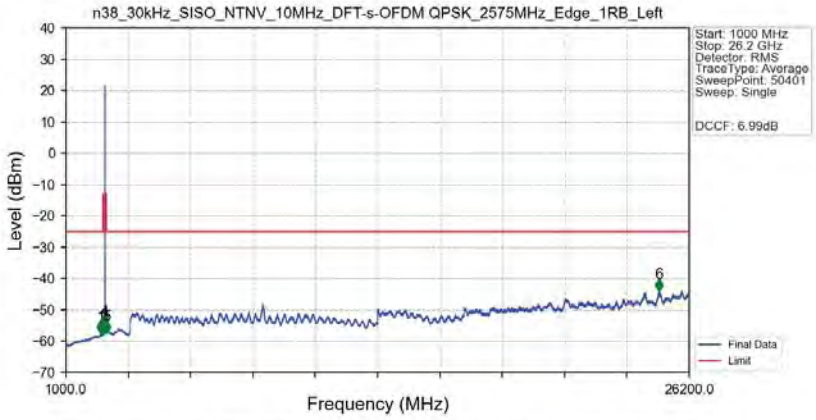

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2487.400 | -52.77 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2495.955 | -52.78 | -13 | Pass |
| 2496 | 2560 | 1 | CHP | 3 | 2559.725 | -52.06 | -25 | Pass |
| 2560 | 2565 | 1 | CHP | 4 | 2562.475 | -51.38 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.500 | -39.19 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 6 | 2569.995 | -29.68 | -10 | Pass |
| 2570 | 2585 | 0.02 | CHP | / | / | / | / | / |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2575MHz_Edge_1RB_Left_Ant3



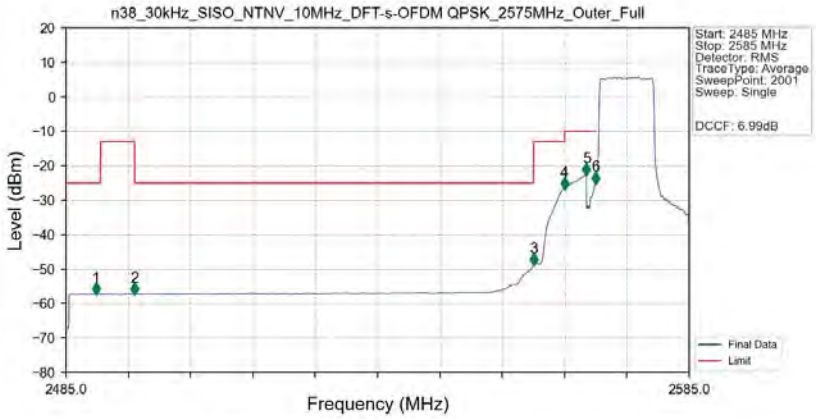

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 880.700 | -58.41 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2575MHz_Edge_1RB_Left_Ant3



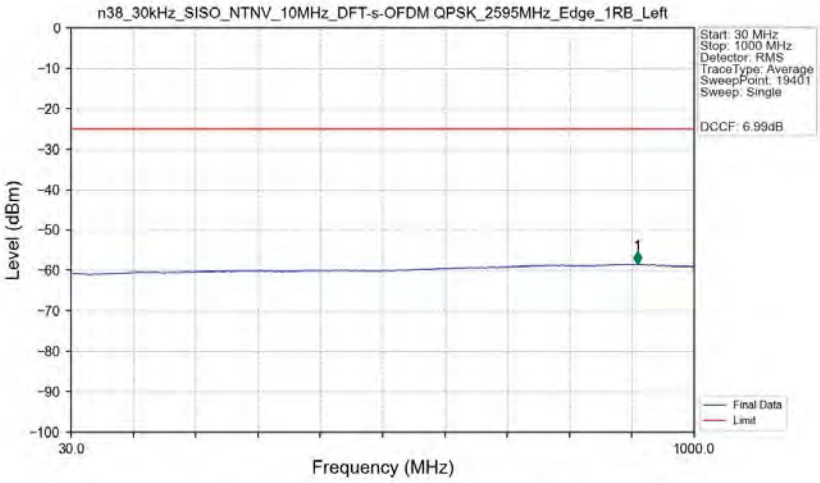

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2408.000 | -57.25 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2495.000 | -57.68 | -13 | Pass |
| 2496 | 2560 | 1 | / | 3 | 2560.000 | -57.08 | -25 | Pass |
| 2560 | 2565 | 1 | / | 4 | 2562.500 | -55.50 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2630 | 1 | / | 5 | 2627.500 | -57.23 | -13 | Pass |
| 2630 | 26200 | 1 | / | 6 | 24978.000 | -43.74 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2575MHz_Outer_Full_Ant3



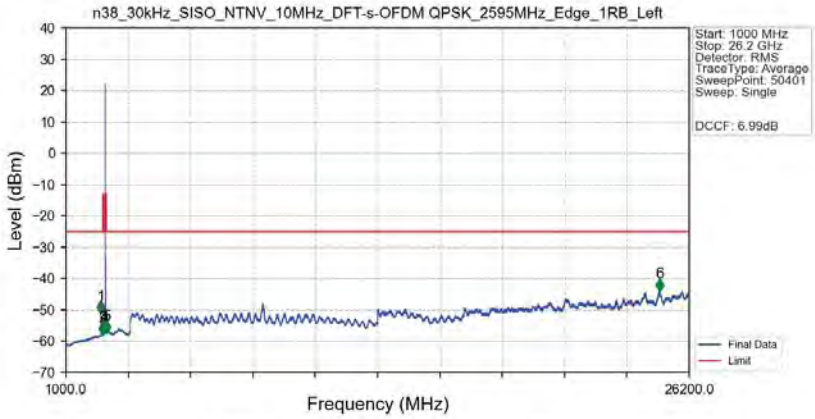

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2489.850 | -57.29 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2496.000 | -57.25 | -13 | Pass |
| 2496 | 2560 | 1 | CHP | 3 | 2560.000 | -48.75 | -25 | Pass |
| 2560 | 2565 | 1 | CHP | 4 | 2565.000 | -26.68 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.500 | -22.64 | -10 | Pass |
| 2569 | 2570 | 0.2 | CHP | 6 | 2569.950 | -25.08 | -10 | Pass |
| 2570 | 2585 | 0.2 | CHP | / | / | / | / | / |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left_Ant3



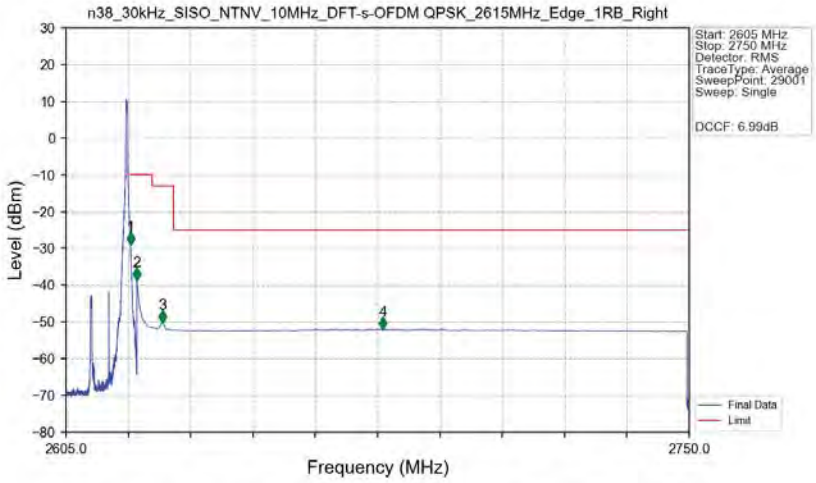

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 911.400 | -58.35 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left_Ant3



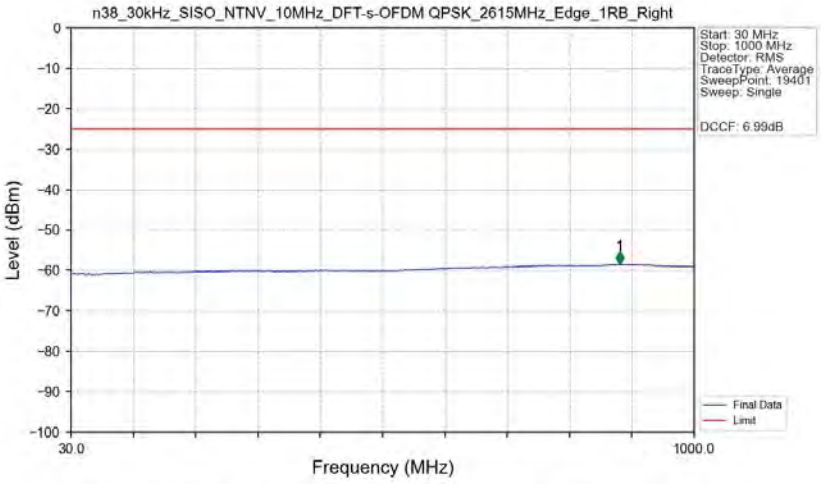

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2413.500 | -50.80 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2493.000 | -57.73 | -13 | Pass |
| 2496 | 2560 | 1 | / | 3 | 2533.500 | -57.32 | -25 | Pass |
| 2560 | 2565 | 1 | / | 4 | 2563.500 | -57.26 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2630 | 1 | / | 5 | 2625.500 | -57.17 | -13 | Pass |
| 2630 | 26200 | 1 | / | 6 | 25011.000 | -43.71 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2615MHz_Edge_1RB_Right_Ant3



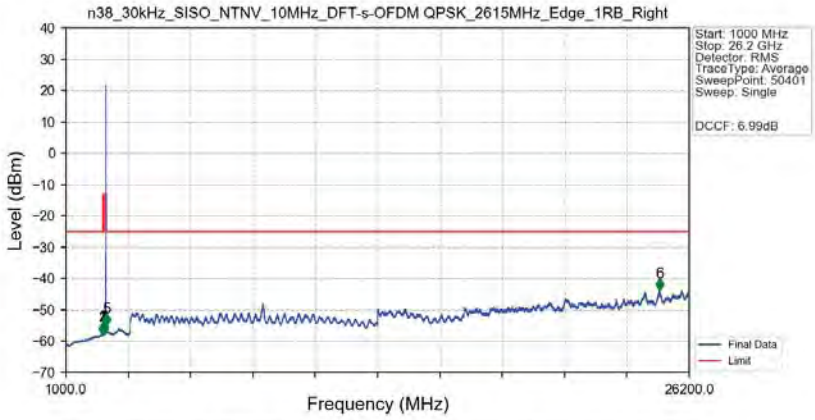

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2605 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 1 | 2620.005 | -28.98 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.500 | -38.59 | -10 | Pass |
| 2625 | 2630 | 1 | CHP | 3 | 2627.395 | -50.34 | -13 | Pass |
| 2630 | 2750 | 1 | CHP | 4 | 2678.750 | -52.05 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2615MHz_Edge_1RB_Right_Ant3



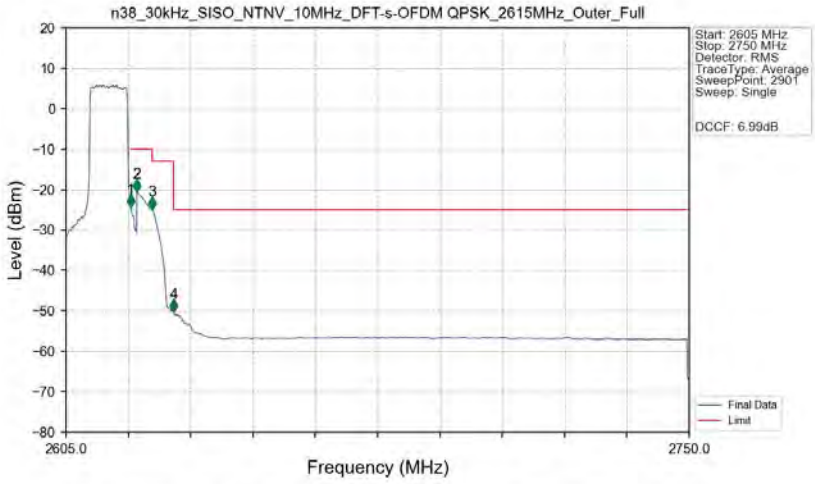

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 884.000 | -58.43 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2615MHz_Edge_1RB_Right_Ant3



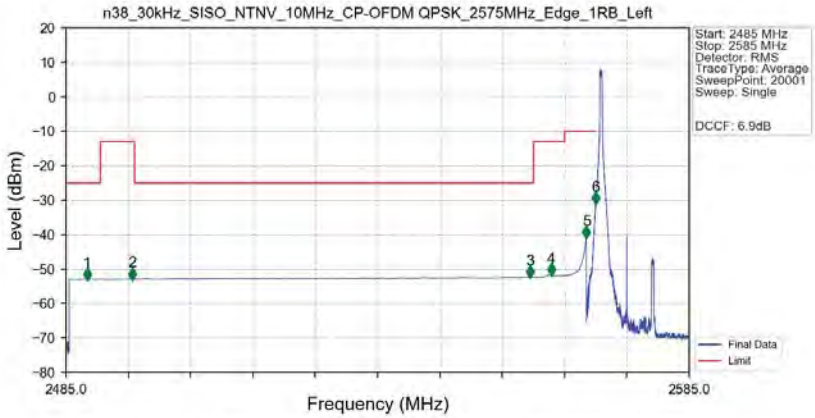

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2482.500 | -57.64 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2495.000 | -57.56 | -13 | Pass |
| 2496 | 2560 | 1 | / | 3 | 2560.000 | -57.35 | -25 | Pass |
| 2560 | 2565 | 1 | / | 4 | 2562.000 | -57.39 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2630 | 1 | / | 5 | 2627.000 | -54.79 | -13 | Pass |
| 2630 | 26200 | 1 | / | 6 | 24998.500 | -43.59 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_2615MHz_Outer_Full_Ant3



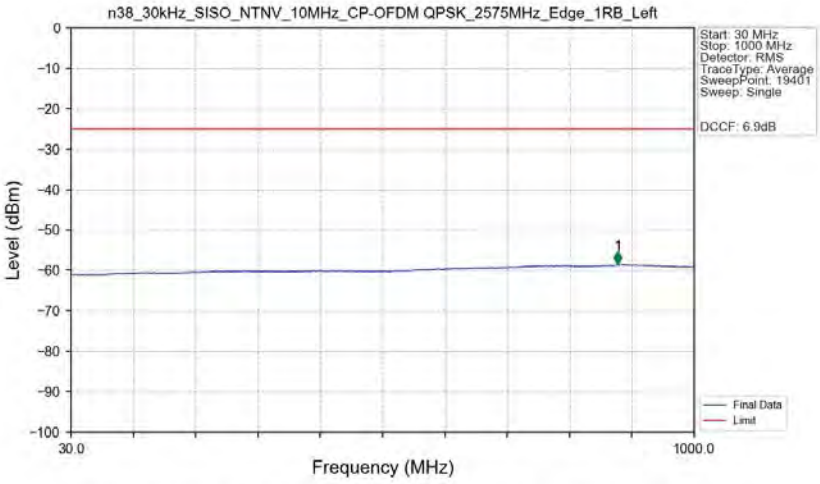

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2605 | 2620 | 0.204 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.204 | CHP | 1 | 2620.050 | -24.39 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.500 | -20.56 | -10 | Pass |
| 2625 | 2630 | 1 | CHP | 3 | 2625.050 | -24.97 | -13 | Pass |
| 2630 | 2750 | 1 | CHP | 4 | 2630.050 | -50.25 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2575MHz_Edge_1RB_Left_Ant3



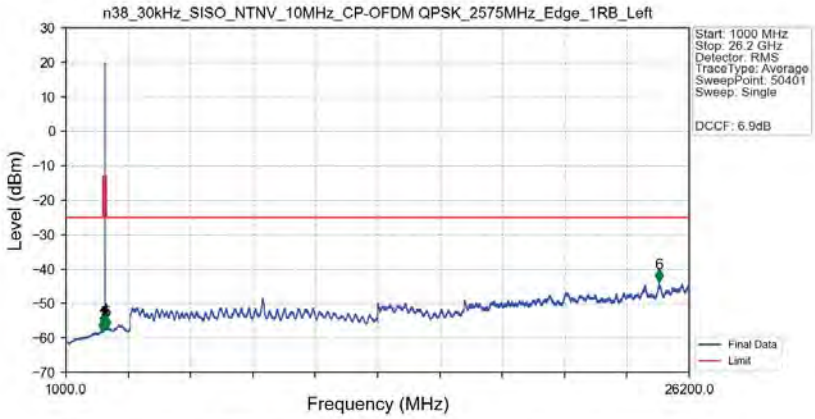

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2488.410 | -52.92 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2495.680 | -52.88 | -13 | Pass |
| 2496 | 2560 | 1 | CHP | 3 | 2559.445 | -52.30 | -25 | Pass |
| 2560 | 2565 | 1 | CHP | 4 | 2562.845 | -51.64 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.500 | -40.73 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 6 | 2569.995 | -30.92 | -10 | Pass |
| 2570 | 2585 | 0.02 | CHP | / | / | / | / | / |

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2575MHz_Edge_1RB_Left_Ant3



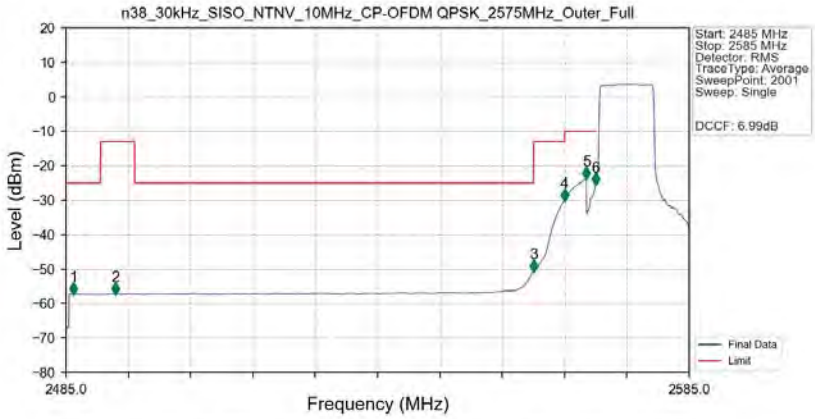

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 881.050 | -58.48 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2575MHz_Edge_1RB_Left_Ant3



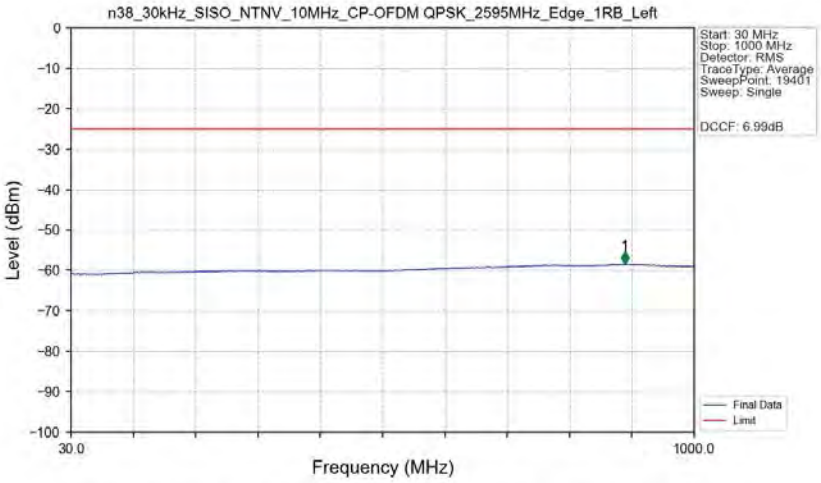

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2476.000 | -57.85 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2495.000 | -57.86 | -13 | Pass |
| 2496 | 2560 | 1 | / | 3 | 2559.000 | -57.14 | -25 | Pass |
| 2560 | 2565 | 1 | / | 4 | 2562.500 | -56.45 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2630 | 1 | / | 5 | 2628.000 | -57.09 | -13 | Pass |
| 2630 | 26200 | 1 | / | 6 | 24977.000 | -43.43 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2575MHz_Outer_Full_Ant3



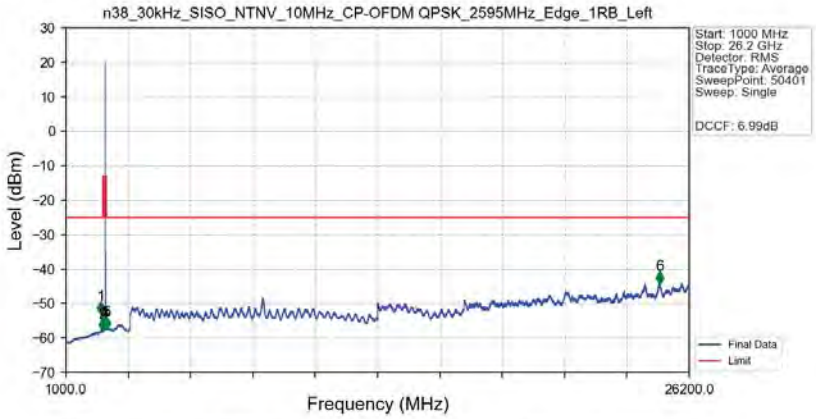

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2486.200 | -57.17 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2492.900 | -57.16 | -13 | Pass |
| 2496 | 2560 | 1 | CHP | 3 | 2560.000 | -50.54 | -25 | Pass |
| 2560 | 2565 | 1 | CHP | 4 | 2565.000 | -30.01 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.500 | -23.59 | -10 | Pass |
| 2569 | 2570 | 0.2 | CHP | 6 | 2569.950 | -25.43 | -10 | Pass |
| 2570 | 2585 | 0.2 | CHP | / | / | / | / | / |

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left_Ant3



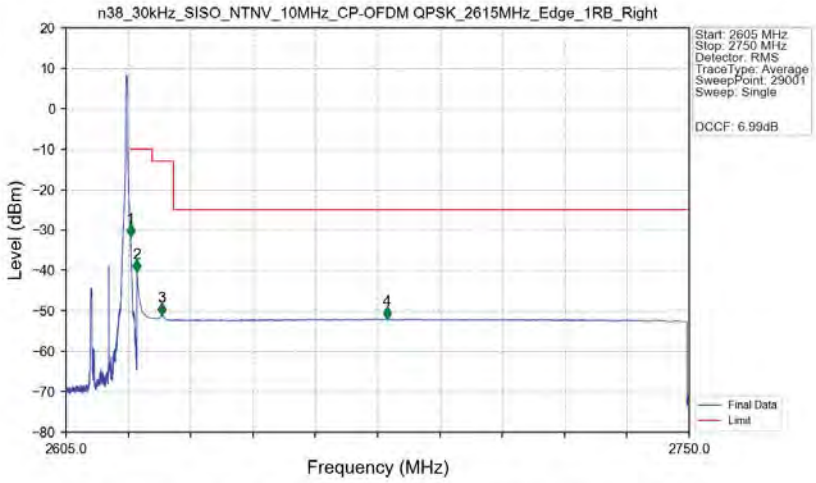

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 892.200 | -58.43 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left_Ant3



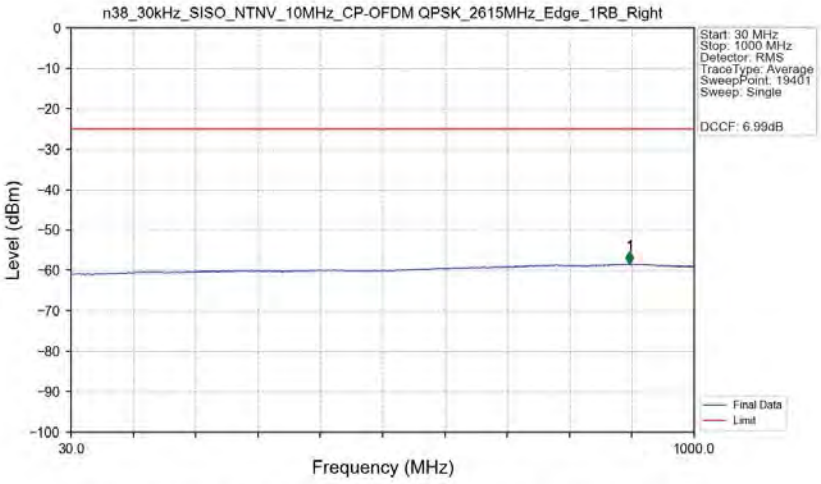

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2413.500 | -52.72 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2494.500 | -57.72 | -13 | Pass |
| 2496 | 2560 | 1 | / | 3 | 2551.500 | -57.23 | -25 | Pass |
| 2560 | 2565 | 1 | / | 4 | 2561.500 | -57.15 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2630 | 1 | / | 5 | 2629.500 | -57.16 | -13 | Pass |
| 2630 | 26200 | 1 | / | 6 | 24996.500 | -43.96 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2615MHz_Edge_1RB_Right_Ant3



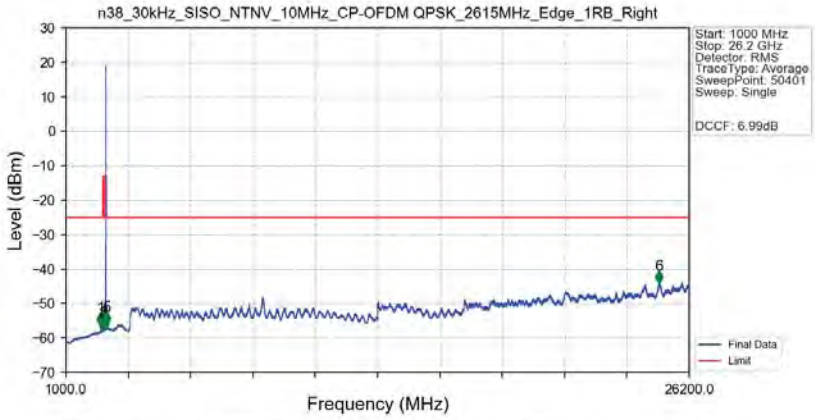

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2605 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 1 | 2620.025 | -31.66 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.500 | -40.40 | -10 | Pass |
| 2625 | 2630 | 1 | CHP | 3 | 2627.255 | -51.22 | -13 | Pass |
| 2630 | 2750 | 1 | CHP | 4 | 2679.700 | -52.06 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2615MHz_Edge_1RB_Right_Ant3



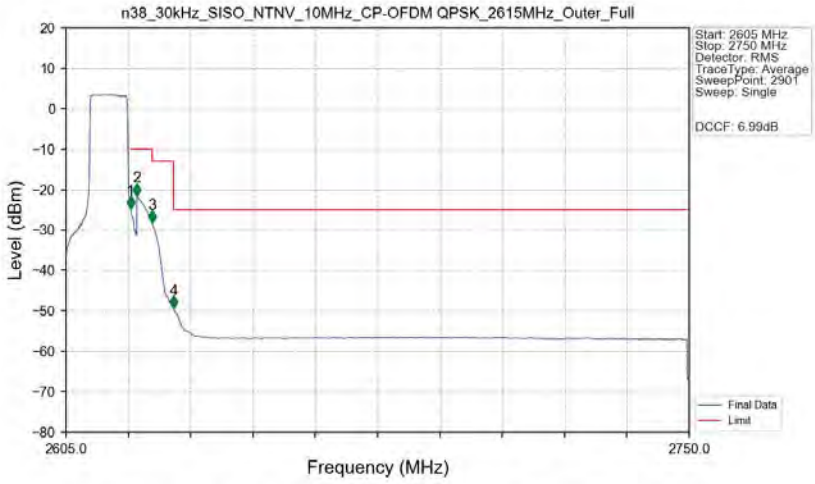

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 899.500 | -58.40 | -25 | Pass |

n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2615MHz_Edge_1RB_Right_Ant3




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2413.000 | -55.93 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2493.000 | -57.63 | -13 | Pass |
| 2496 | 2560 | 1 | / | 3 | 2559.000 | -57.27 | -25 | Pass |
| 2560 | 2565 | 1 | / | 4 | 2564.000 | -57.36 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2630 | 1 | / | 5 | 2627.500 | -55.85 | -13 | Pass |
| 2630 | 26200 | 1 | / | 6 | 24993.500 | -43.77 | -25 | Pass |

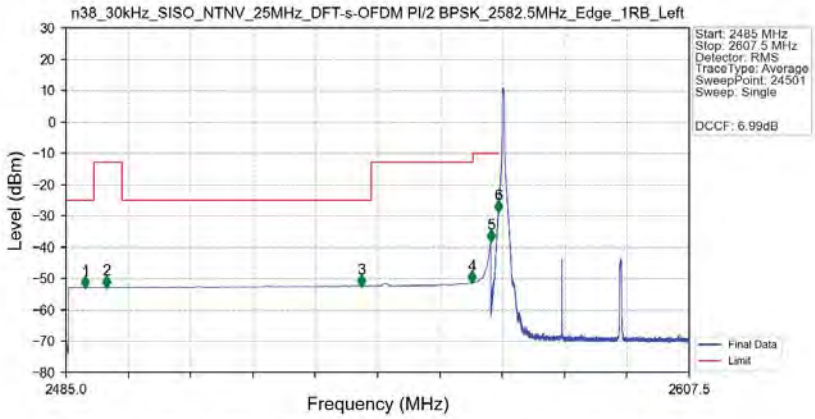
n38_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_2615MHz_Outer_Full_Ant3




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2605 | 2620 | 0.2 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.2 | CHP | 1 | 2620.050 | -24.67 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.500 | -21.57 | -10 | Pass |
| 2625 | 2630 | 1 | CHP | 3 | 2625.050 | -28.28 | -13 | Pass |
| 2630 | 2750 | 1 | CHP | 4 | 2630.050 | -49.39 | -25 | Pass |

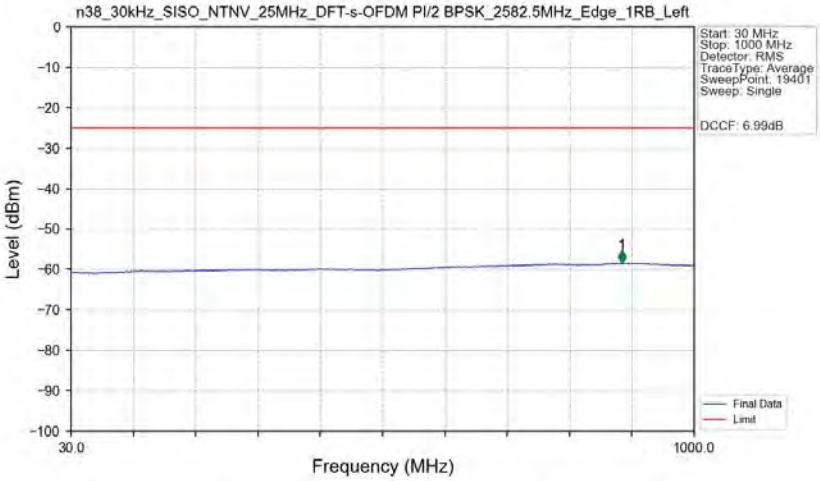
## 5.2.2 30k_SISO_25MHz_NTNV

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2582.5MHz_Edge_1RB_Left_Ant3



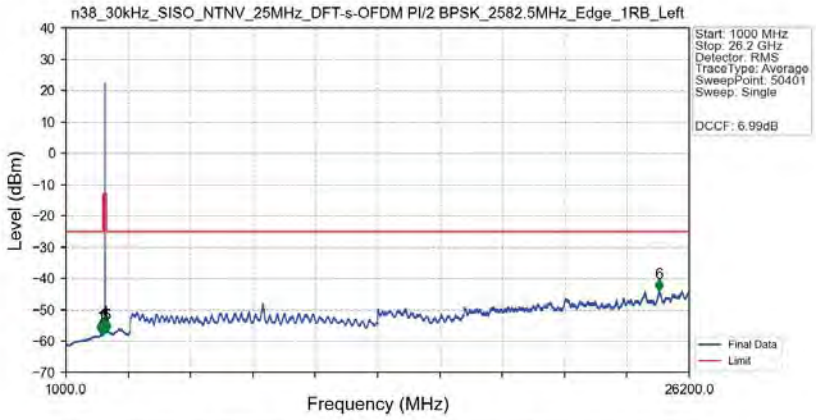

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2488.810 | -52.84 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2493.005 | -52.76 | -13 | Pass |
| 2496 | 2545 | 1 | CHP | 3 | 2542.995 | -52.38 | -25 | Pass |
| 2545 | 2565 | 1 | CHP | 4 | 2564.815 | -51.26 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.500 | -38.08 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 6 | 2569.995 | -28.68 | -10 | Pass |
| 2570 | 2607.5 | 0.02 | CHP | / | / | / | / | / |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2582.5MHz_Edge_1RB_Left_Ant3



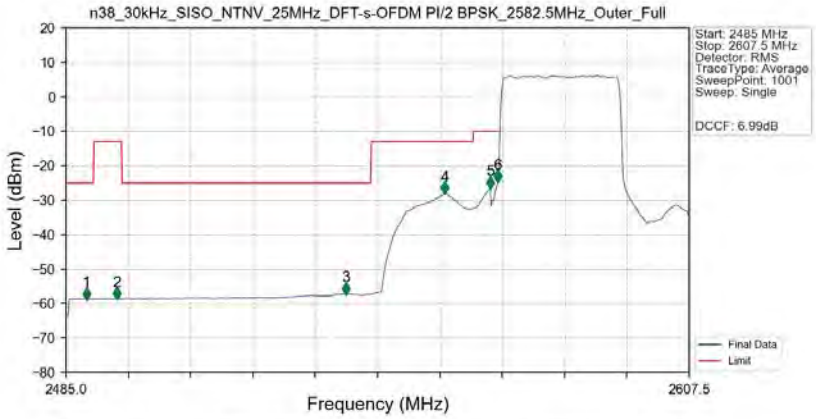

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 887.500 | -58.42 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2582.5MHz_Edge_1RB_Left_Ant3



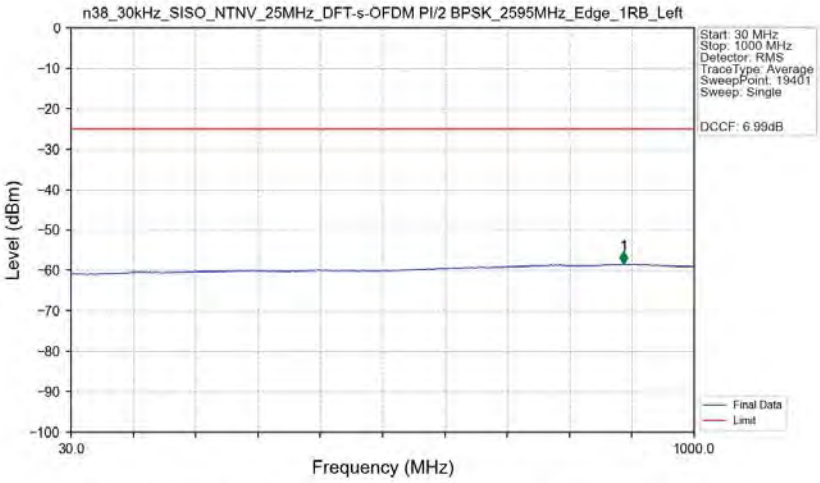

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2409.500 | -57.14 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2493.000 | -57.62 | -13 | Pass |
| 2496 | 2545 | 1 | / | 3 | 2544.000 | -57.27 | -25 | Pass |
| 2545 | 2565 | 1 | / | 4 | 2564.500 | -55.80 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2645 | 1 | / | 5 | 2625.500 | -57.02 | -13 | Pass |
| 2645 | 26200 | 1 | / | 6 | 24979.500 | -43.77 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2582.5MHz_Outer_Full_Ant3



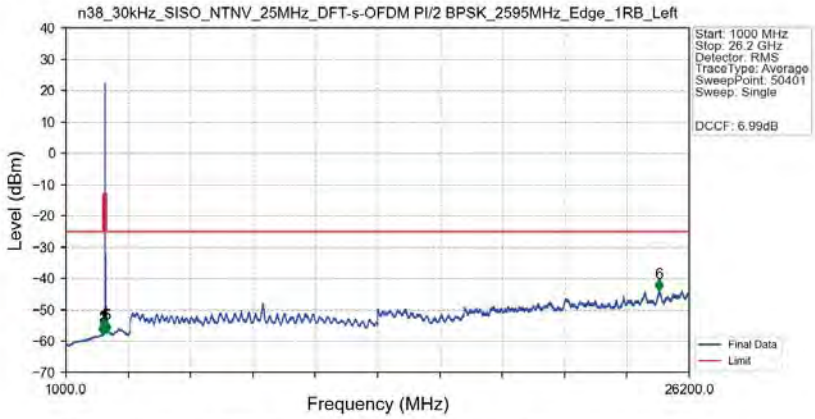

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2489.043 | -58.61 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2495.045 | -58.57 | -13 | Pass |
| 2496 | 2545 | 1 | CHP | 3 | 2540.003 | -57.15 | -25 | Pass |
| 2545 | 2565 | 1 | CHP | 4 | 2559.480 | -28.05 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.423 | -26.36 | -10 | Pass |
| 2569 | 2570 | 0.506 | CHP | 6 | 2569.892 | -24.60 | -10 | Pass |
| 2570 | 2607.5 | 0.506 | CHP | / | / | / | / | / |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Edge_1RB_Left_Ant3



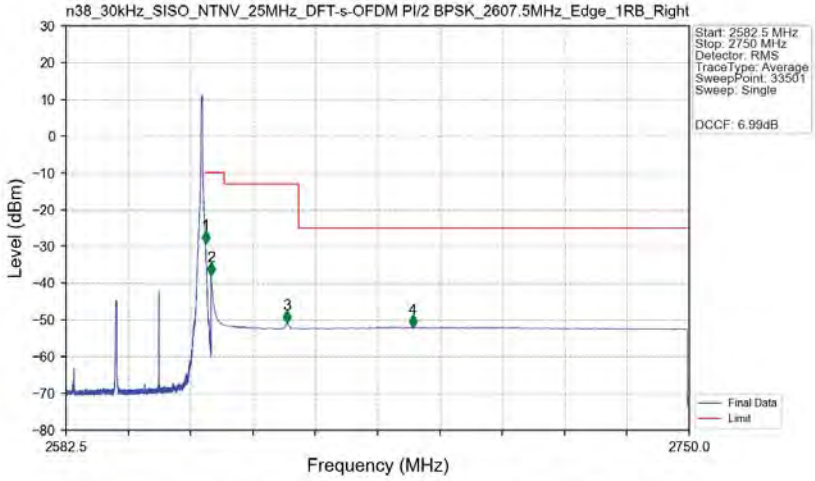

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 890.150 | -58.40 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Edge_1RB_Left_Ant3



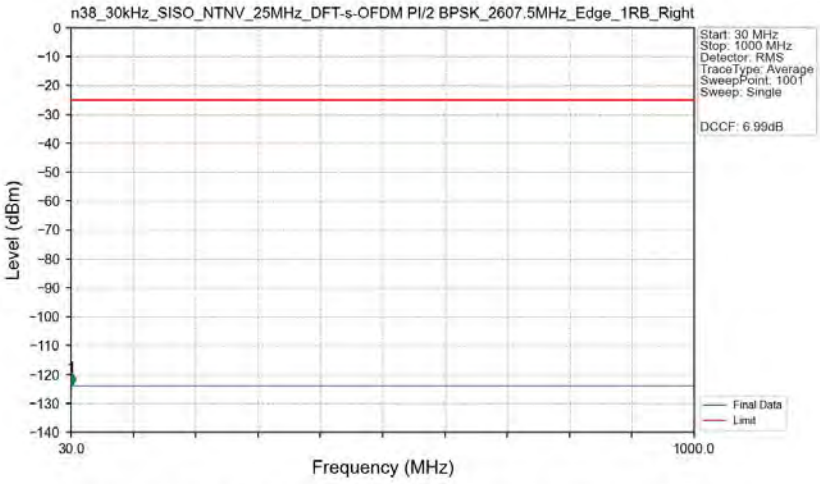

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2488.000 | -57.74 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2492.000 | -57.53 | -13 | Pass |
| 2496 | 2545 | 1 | / | 3 | 2532.000 | -57.37 | -25 | Pass |
| 2545 | 2565 | 1 | / | 4 | 2560.000 | -56.06 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2645 | 1 | / | 5 | 2644.500 | -57.10 | -13 | Pass |
| 2645 | 26200 | 1 | / | 6 | 24983.000 | -43.74 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2607.5MHz_Edge_1RB_Right_Ant3



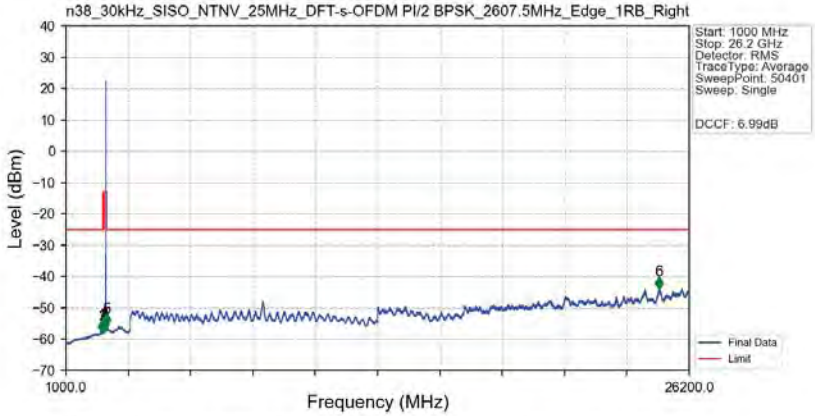

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2582.5 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 1 | 2620.020 | -29.31 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.500 | -37.95 | -10 | Pass |
| 2625 | 2645 | 1 | CHP | 3 | 2641.990 | -50.91 | -13 | Pass |
| 2645 | 2750 | 1 | CHP | 4 | 2675.660 | -52.00 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2607.5MHz_Edge_1RB_Right_Ant3



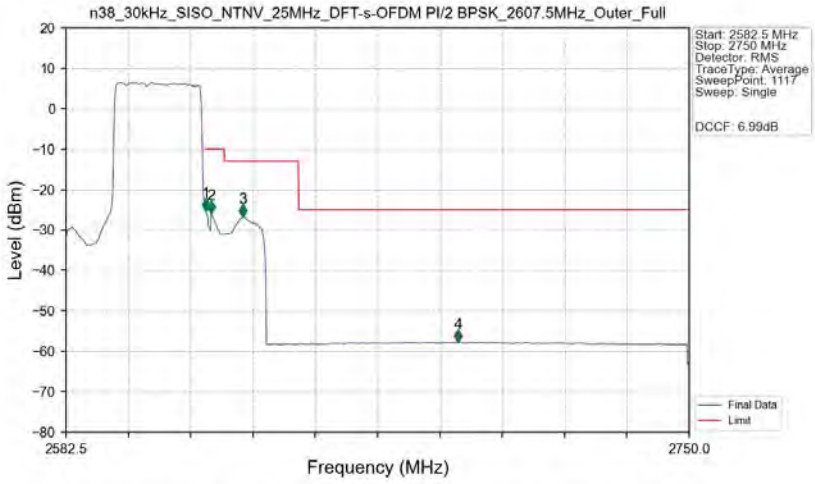

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 30.970 | -123.93 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2607.5MHz_Edge_1RB_Right_Ant3



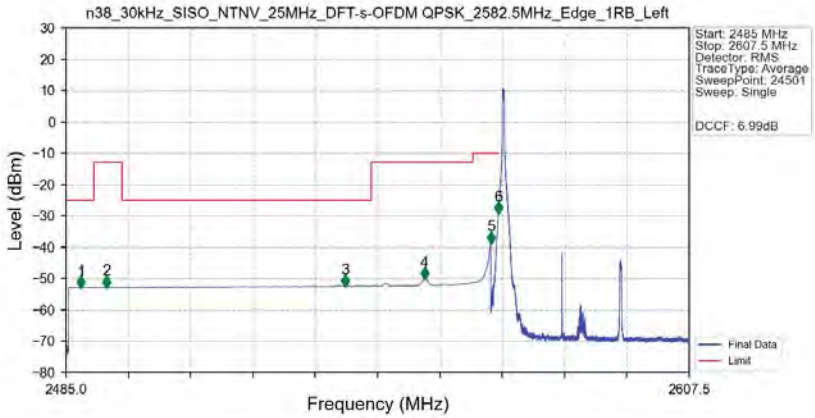

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2474.000 | -57.68 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2495.000 | -57.62 | -13 | Pass |
| 2496 | 2545 | 1 | / | 3 | 2534.500 | -57.32 | -25 | Pass |
| 2545 | 2565 | 1 | / | 4 | 2559.500 | -57.16 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2645 | 1 | / | 5 | 2642.000 | -55.58 | -13 | Pass |
| 2645 | 26200 | 1 | / | 6 | 24967.000 | -43.70 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2607.5MHz_Outer_Full_Ant3



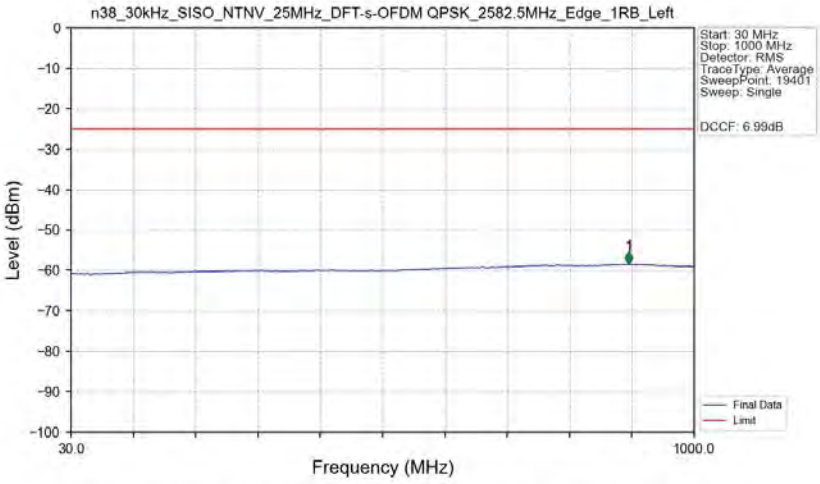

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2582.5 | 2620 | 0.511 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.511 | CHP | 1 | 2620.022 | -25.33 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.523 | -25.82 | -10 | Pass |
| 2625 | 2645 | 1 | CHP | 3 | 2630.078 | -26.71 | -13 | Pass |
| 2645 | 2750 | 1 | CHP | 4 | 2687.863 | -57.73 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2582.5MHz_Edge_1RB_Left_Ant3



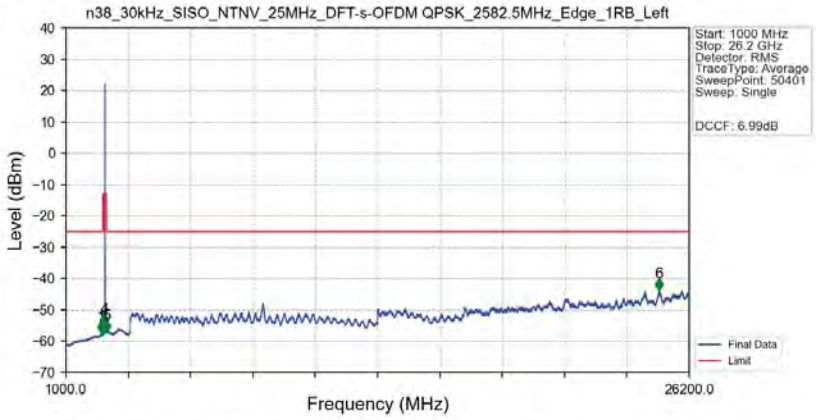

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2487.955 | -52.80 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2492.925 | -52.75 | -13 | Pass |
| 2496 | 2545 | 1 | CHP | 3 | 2539.870 | -52.33 | -25 | Pass |
| 2545 | 2565 | 1 | CHP | 4 | 2555.500 | -50.07 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.500 | -38.64 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 6 | 2569.985 | -29.17 | -10 | Pass |
| 2570 | 2607.5 | 0.02 | CHP | / | / | / | / | / |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2582.5MHz_Edge_1RB_Left_Ant3



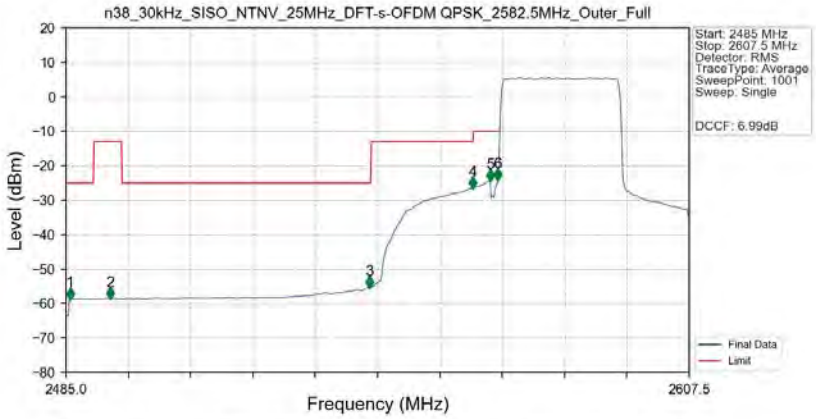

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 898.100 | -58.34 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2582.5MHz_Edge_1RB_Left_Ant3



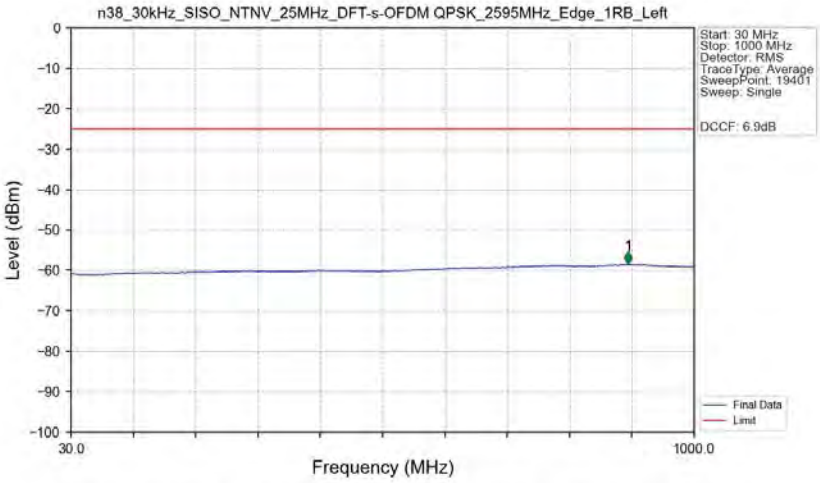

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2415.500 | -57.17 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2495.000 | -57.70 | -13 | Pass |
| 2496 | 2545 | 1 | / | 3 | 2510.500 | -57.21 | -25 | Pass |
| 2545 | 2565 | 1 | / | 4 | 2555.000 | -54.81 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2645 | 1 | / | 5 | 2628.000 | -57.02 | -13 | Pass |
| 2645 | 26200 | 1 | / | 6 | 24986.500 | -43.65 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2582.5MHz_Outer_Full_Ant3



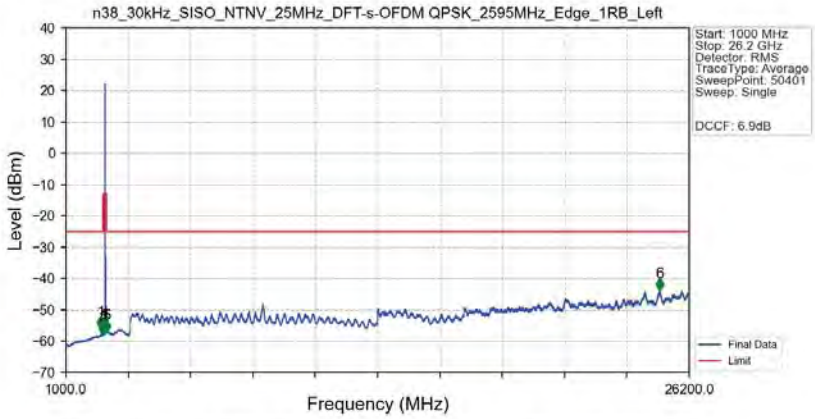

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2485.858 | -58.65 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2493.698 | -58.53 | -13 | Pass |
| 2496 | 2545 | 1 | CHP | 3 | 2544.657 | -55.28 | -25 | Pass |
| 2545 | 2565 | 1 | CHP | 4 | 2564.992 | -26.44 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.423 | -24.41 | -10 | Pass |
| 2569 | 2570 | 0.505 | CHP | 6 | 2569.892 | -24.14 | -10 | Pass |
| 2570 | 2607.5 | 0.505 | CHP | / | / | / | / | / |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left_Ant3



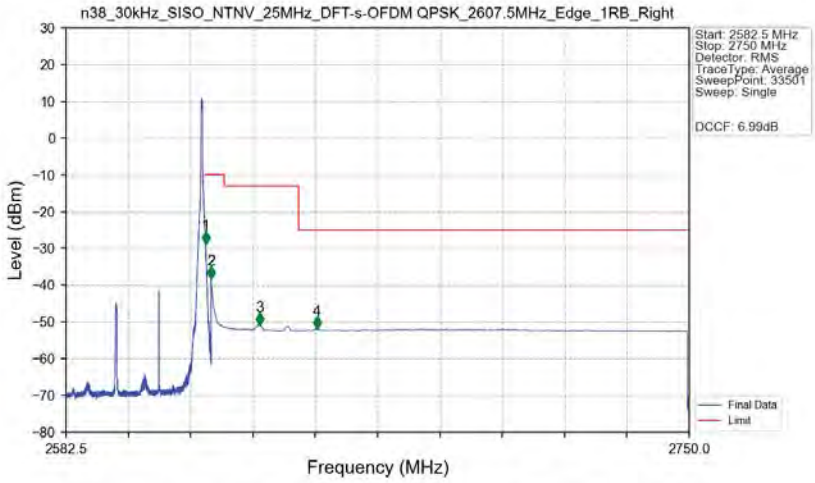

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 896.900 | -58.44 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left_Ant3



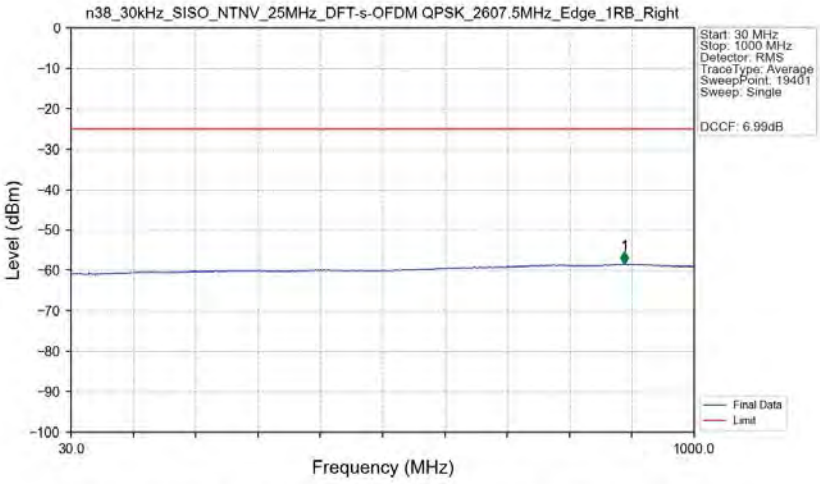

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2413.500 | -55.84 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2495.500 | -57.60 | -13 | Pass |
| 2496 | 2545 | 1 | / | 3 | 2539.500 | -57.46 | -25 | Pass |
| 2545 | 2565 | 1 | / | 4 | 2560.500 | -56.07 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2645 | 1 | / | 5 | 2643.500 | -56.98 | -13 | Pass |
| 2645 | 26200 | 1 | / | 6 | 25000.000 | -43.62 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2607.5MHz_Edge_1RB_Right_Ant3



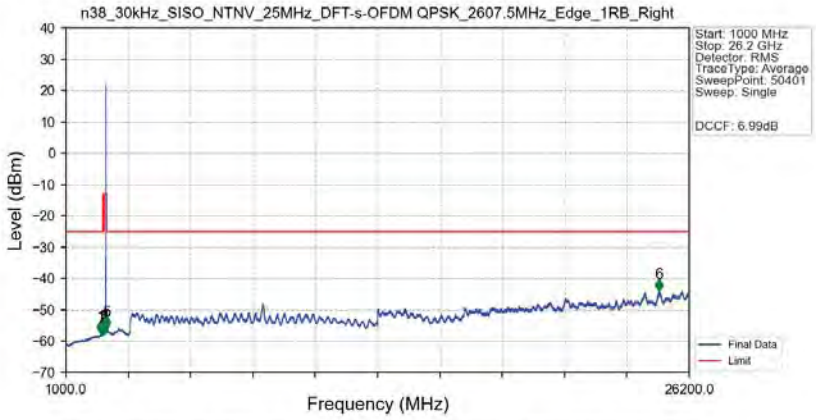

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2582.5 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 1 | 2620.020 | -28.75 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.500 | -38.24 | -10 | Pass |
| 2625 | 2645 | 1 | CHP | 3 | 2634.480 | -50.82 | -13 | Pass |
| 2645 | 2750 | 1 | CHP | 4 | 2649.930 | -51.92 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2607.5MHz_Edge_1RB_Right_Ant3



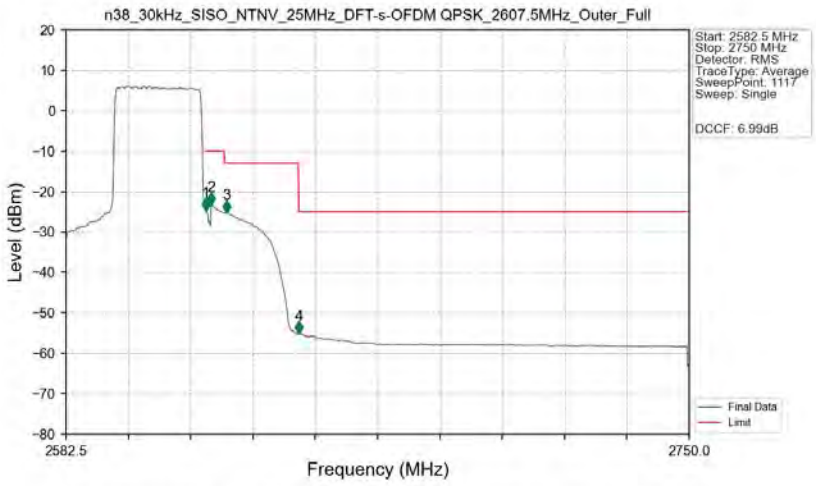

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 891.350 | -58.43 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2607.5MHz_Edge_1RB_Right_Ant3



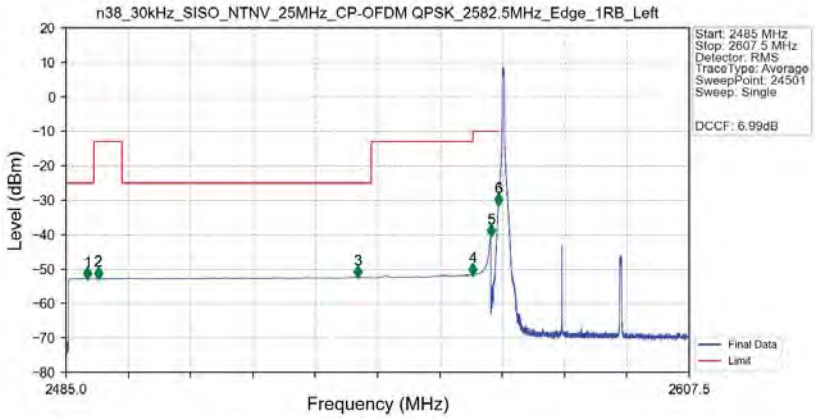

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2411.000 | -57.27 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2496.000 | -57.71 | -13 | Pass |
| 2496 | 2545 | 1 | / | 3 | 2535.000 | -57.35 | -25 | Pass |
| 2545 | 2565 | 1 | / | 4 | 2554.500 | -57.26 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2645 | 1 | / | 5 | 2642.500 | -55.71 | -13 | Pass |
| 2645 | 26200 | 1 | / | 6 | 24970.500 | -43.73 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2607.5MHz_Outer_Full_Ant3



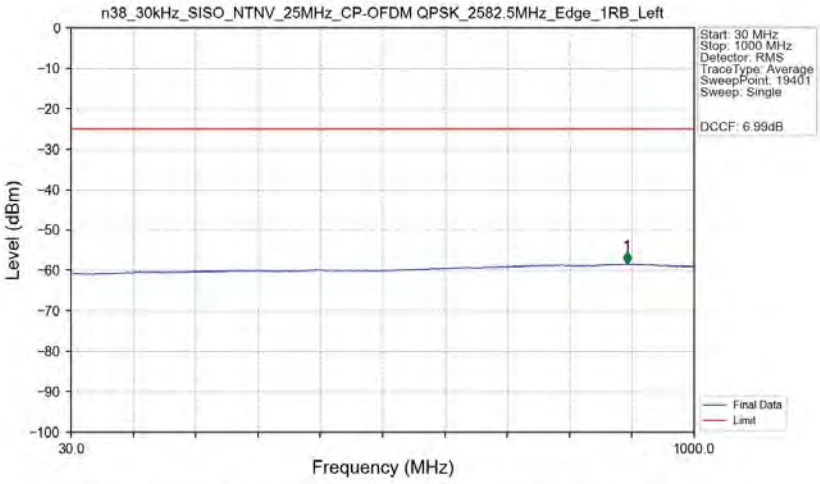

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2582.5 | 2620 | 0.511 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.511 | CHP | 1 | 2620.022 | -24.72 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.523 | -23.30 | -10 | Pass |
| 2625 | 2645 | 1 | CHP | 3 | 2625.576 | -25.31 | -13 | Pass |
| 2645 | 2750 | 1 | CHP | 4 | 2645.087 | -55.18 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2582.5MHz_Edge_1RB_Left_Ant3



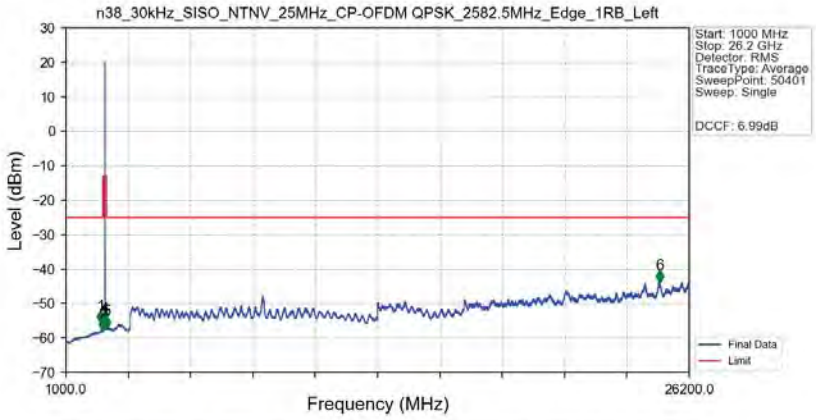

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2489.245 | -52.73 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2491.310 | -52.69 | -13 | Pass |
| 2496 | 2545 | 1 | CHP | 3 | 2542.345 | -52.36 | -25 | Pass |
| 2545 | 2565 | 1 | CHP | 4 | 2564.965 | -51.61 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.500 | -40.39 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 6 | 2569.995 | -31.46 | -10 | Pass |
| 2570 | 2607.5 | 0.02 | CHP | / | / | / | / | / |

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2582.5MHz_Edge_1RB_Left_Ant3



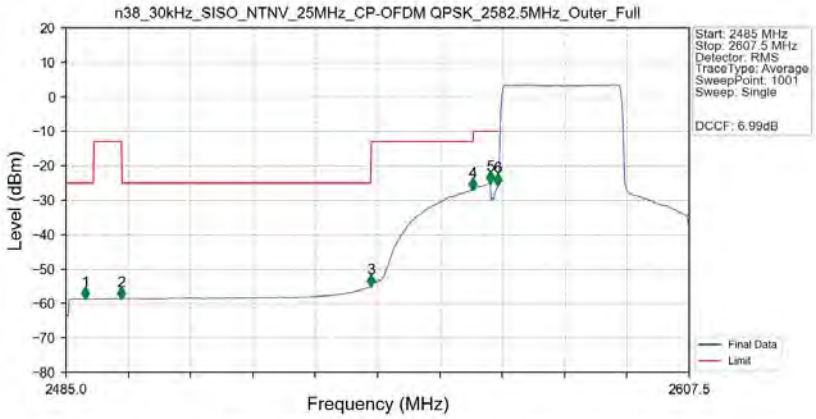

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 895.400 | -58.39 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2582.5MHz_Edge_1RB_Left_Ant3



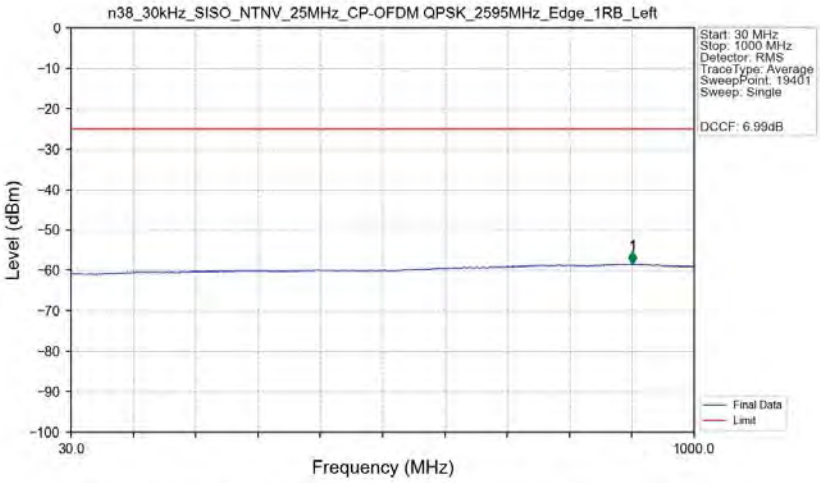

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2412.500 | -55.31 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2495.000 | -57.65 | -13 | Pass |
| 2496 | 2545 | 1 | / | 3 | 2542.500 | -57.23 | -25 | Pass |
| 2545 | 2565 | 1 | / | 4 | 2564.500 | -56.12 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2645 | 1 | / | 5 | 2645.000 | -56.98 | -13 | Pass |
| 2645 | 26200 | 1 | / | 6 | 25002.500 | -43.55 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2582.5MHz_Outer_Full_Ant3



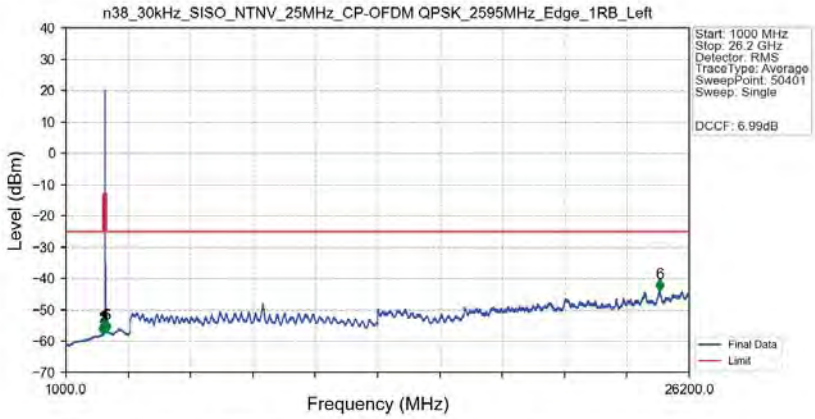

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2488.798 | -58.60 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2495.903 | -58.60 | -13 | Pass |
| 2496 | 2545 | 1 | CHP | 3 | 2544.903 | -54.95 | -25 | Pass |
| 2545 | 2565 | 1 | CHP | 4 | 2564.992 | -26.97 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.423 | -25.06 | -10 | Pass |
| 2569 | 2570 | 0.505 | CHP | 6 | 2569.892 | -25.52 | -10 | Pass |
| 2570 | 2607.5 | 0.505 | CHP | / | / | / | / | / |

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left_Ant3



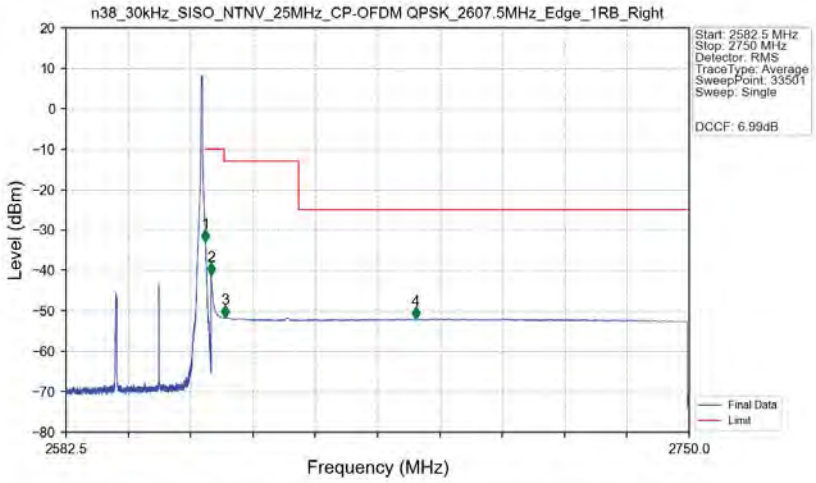

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 904.000 | -58.41 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left_Ant3



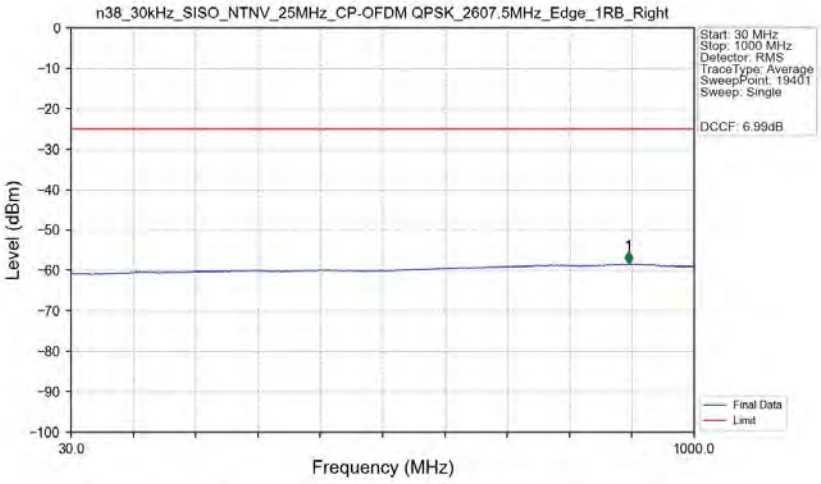

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2488.000 | -57.65 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2495.500 | -57.75 | -13 | Pass |
| 2496 | 2545 | 1 | / | 3 | 2530.500 | -57.37 | -25 | Pass |
| 2545 | 2565 | 1 | / | 4 | 2560.500 | -56.46 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2645 | 1 | / | 5 | 2629.000 | -57.04 | -13 | Pass |
| 2645 | 26200 | 1 | / | 6 | 24999.500 | -43.75 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2607.5MHz_Edge_1RB_Right_Ant3



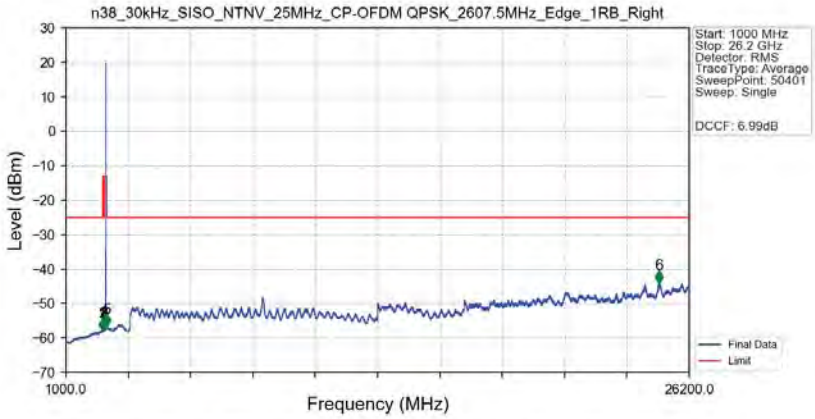

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2582.5 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 1 | 2620.015 | -33.02 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.500 | -41.09 | -10 | Pass |
| 2625 | 2645 | 1 | CHP | 3 | 2625.335 | -51.72 | -13 | Pass |
| 2645 | 2750 | 1 | CHP | 4 | 2676.530 | -52.05 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2607.5MHz_Edge_1RB_Right_Ant3



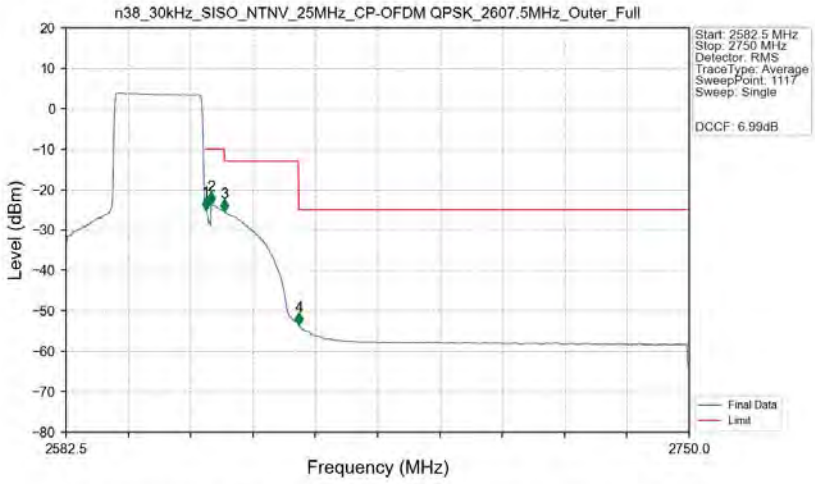

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 897.900 | -58.41 | -25 | Pass |

n38_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2607.5MHz_Edge_1RB_Right_Ant3




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2485.500 | -57.72 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2496.000 | -57.57 | -13 | Pass |
| 2496 | 2545 | 1 | / | 3 | 2536.500 | -57.43 | -25 | Pass |
| 2545 | 2565 | 1 | / | 4 | 2562.000 | -57.31 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2645 | 1 | / | 5 | 2625.500 | -56.37 | -13 | Pass |
| 2645 | 26200 | 1 | / | 6 | 24970.500 | -43.75 | -25 | Pass |

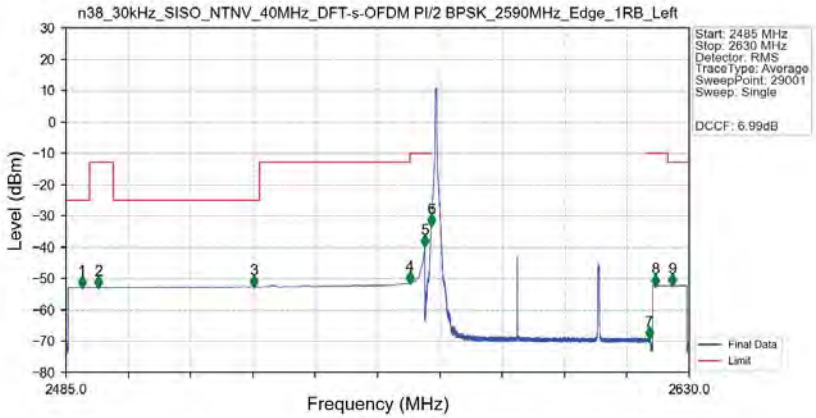
n38_30kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2607.5MHz_Outer_Full_Ant3




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2582.5 | 2620 | 0.503 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.503 | CHP | 1 | 2620.022 | -25.04 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 2 | 2621.523 | -23.72 | -10 | Pass |
| 2625 | 2645 | 1 | CHP | 3 | 2625.125 | -25.44 | -13 | Pass |
| 2645 | 2750 | 1 | CHP | 4 | 2645.087 | -53.54 | -25 | Pass |

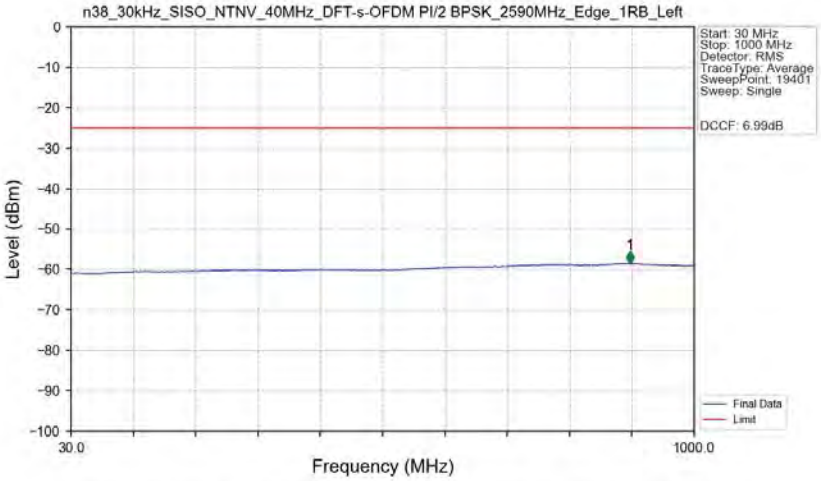
### 5.2.3 30k_SISO_40MHz_NTNV

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2590MHz_Edge_1RB_Left_Ant3



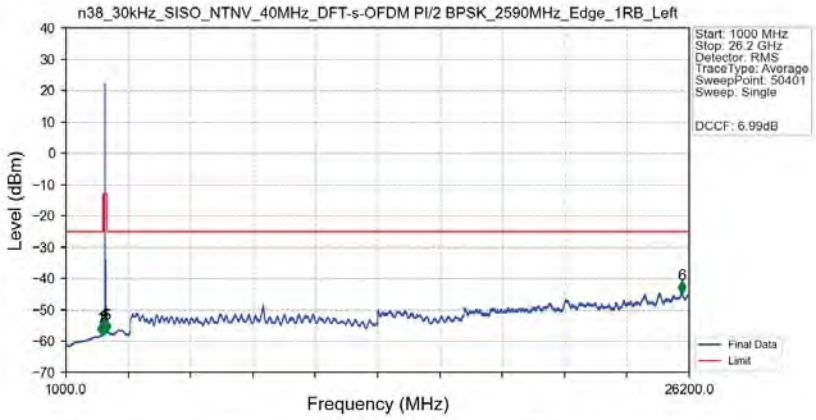

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2488.715 | -52.82 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2492.610 | -52.79 | -13 | Pass |
| 2496 | 2530 | 1 | CHP | 3 | 2528.630 | -52.57 | -25 | Pass |
| 2530 | 2565 | 1 | CHP | 4 | 2564.995 | -51.42 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.500 | -39.65 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 6 | 2569.985 | -33.16 | -10 | Pass |
| 2570 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 7 | 2620.760 | -69.14 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 8 | 2622.105 | -52.27 | -10 | Pass |
| 2625 | 2630 | 1 | CHP | 9 | 2626.045 | -52.22 | -13 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2590MHz_Edge_1RB_Left_Ant3



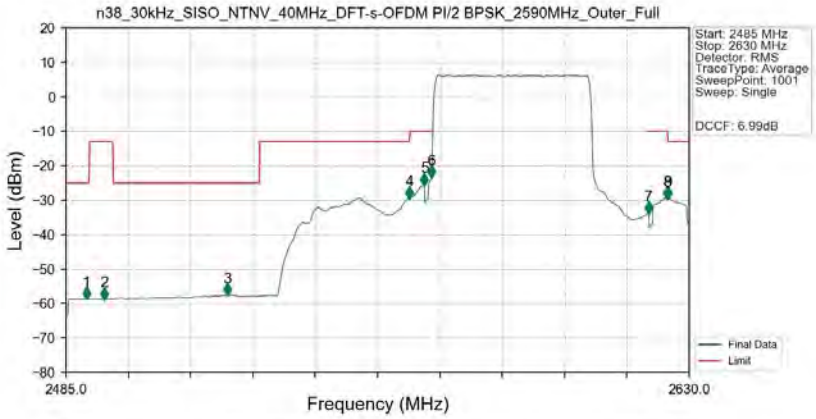

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 900.000 | -58.51 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2590MHz_Edge_1RB_Left_Ant3



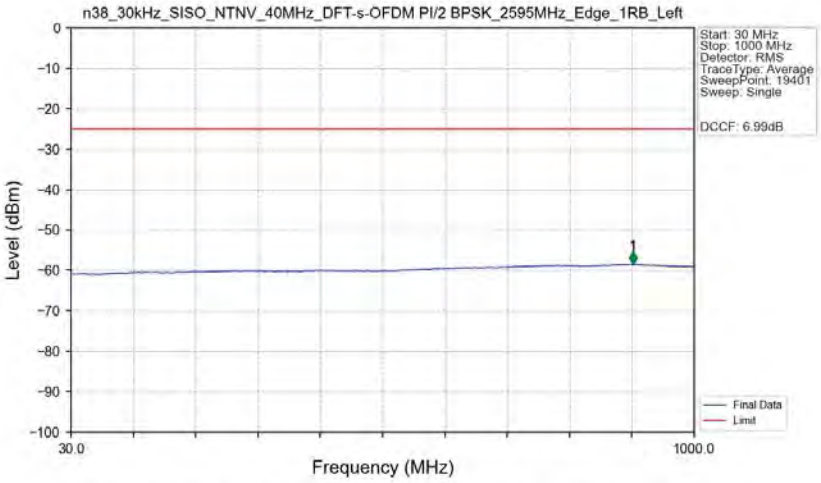

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2415.500 | -57.67 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2491.000 | -57.75 | -13 | Pass |
| 2496 | 2530 | 1 | / | 3 | 2524.000 | -57.58 | -25 | Pass |
| 2530 | 2565 | 1 | / | 4 | 2564.500 | -56.18 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2660 | 1 | / | 5 | 2646.000 | -57.02 | -13 | Pass |
| 2660 | 26200 | 1 | / | 6 | 25914.000 | -44.41 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2590MHz_Outer_Full_Ant3



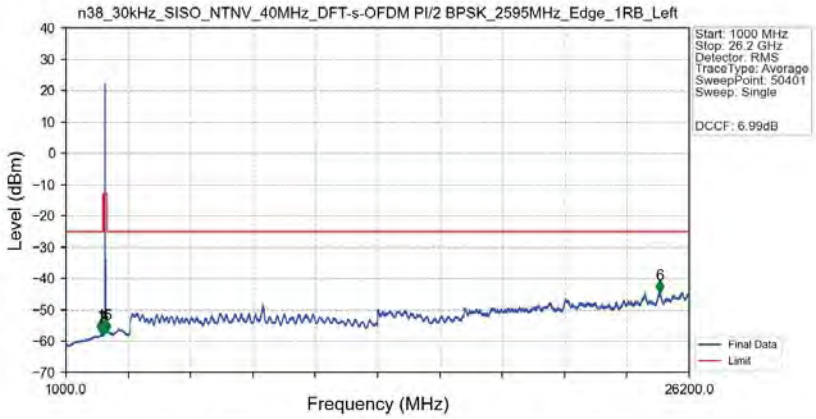

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2489.785 | -58.60 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2493.990 | -58.62 | -13 | Pass |
| 2496 | 2530 | 1 | CHP | 3 | 2522.555 | -57.49 | -25 | Pass |
| 2530 | 2565 | 1 | CHP | 4 | 2564.895 | -29.36 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.375 | -25.51 | -10 | Pass |
| 2569 | 2570 | 0.776 | CHP | 6 | 2569.970 | -23.23 | -10 | Pass |
| 2570 | 2620 | 0.776 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.776 | CHP | 7 | 2620.575 | -33.77 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 8 | 2624.780 | -29.44 | -10 | Pass |
| 2625 | 2630 | 1 | CHP | 9 | 2625.070 | -29.46 | -13 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Edge_1RB_Left_Ant3



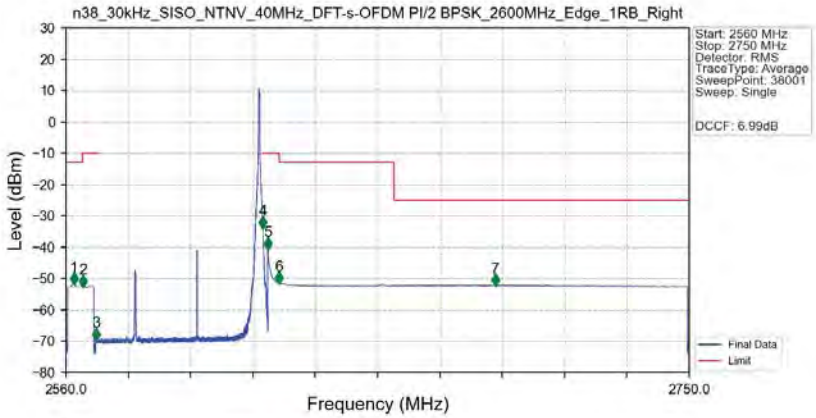

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 904.700 | -58.45 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2595MHz_Edge_1RB_Left_Ant3



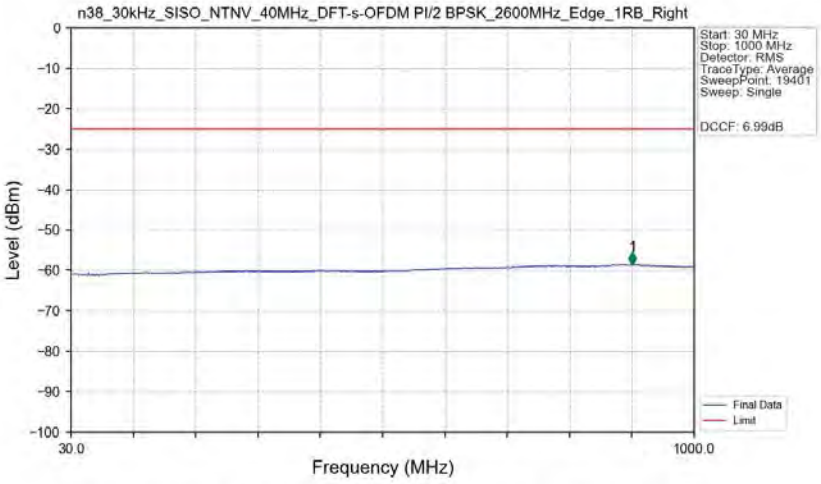

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2414.000 | -56.89 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2493.500 | -57.80 | -13 | Pass |
| 2496 | 2530 | 1 | / | 3 | 2526.500 | -57.51 | -25 | Pass |
| 2530 | 2565 | 1 | / | 4 | 2563.000 | -56.99 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2660 | 1 | / | 5 | 2651.500 | -57.00 | -13 | Pass |
| 2660 | 26200 | 1 | / | 6 | 25008.000 | -44.29 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2600MHz_Edge_1RB_Right_Ant3



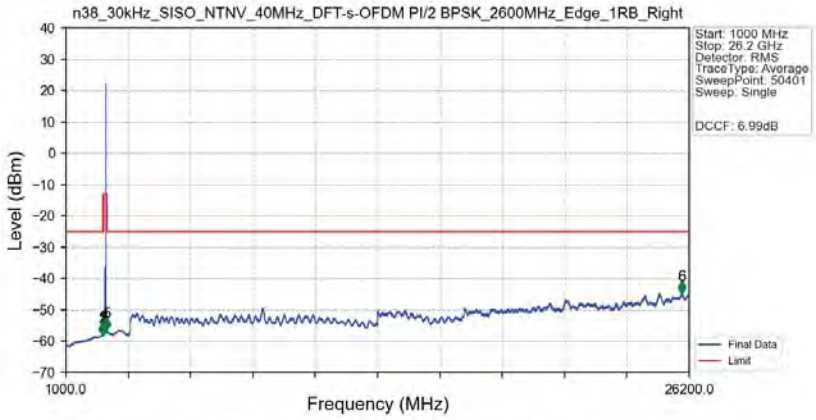

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2560 | 2565 | 1 | CHP | 1 | 2562.385 | -51.65 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 2 | 2565.165 | -52.54 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 3 | 2569.205 | -69.42 | -10 | Pass |
| 2570 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 4 | 2620.005 | -33.72 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 5 | 2621.500 | -40.53 | -10 | Pass |
| 2625 | 2660 | 1 | CHP | 6 | 2625.005 | -51.47 | -13 | Pass |
| 2660 | 2750 | 1 | CHP | 7 | 2690.905 | -52.11 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2600MHz_Edge_1RB_Right_Ant3



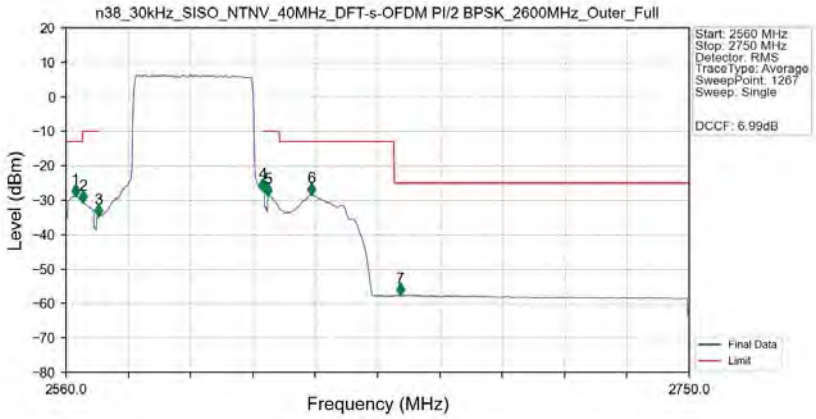

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 904.050 | -58.55 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2600MHz_Edge_1RB_Right_Ant3



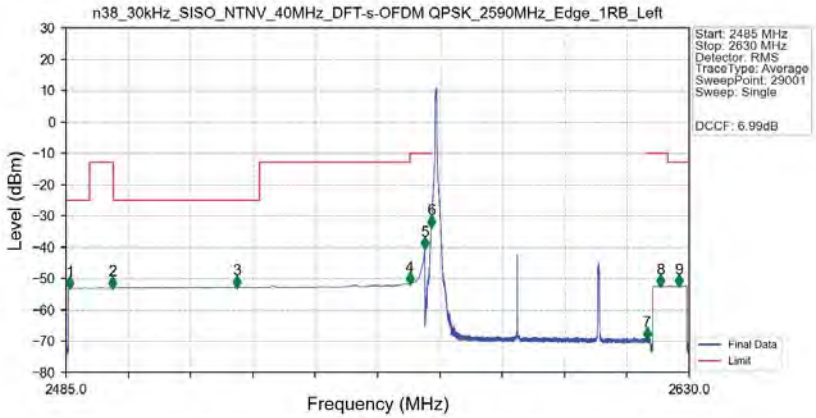

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2489.000 | -57.86 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2494.000 | -57.87 | -13 | Pass |
| 2496 | 2530 | 1 | / | 3 | 2526.000 | -57.49 | -25 | Pass |
| 2530 | 2565 | 1 | / | 4 | 2562.500 | -56.70 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2660 | 1 | / | 5 | 2627.000 | -56.29 | -13 | Pass |
| 2660 | 26200 | 1 | / | 6 | 25913.000 | -44.49 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM PI/2 BPSK_2600MHz_Outer_Full_Ant3



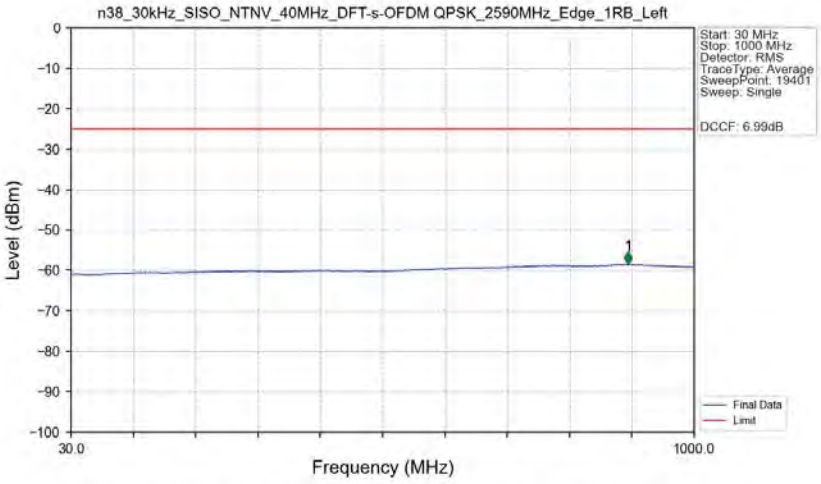

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2560 | 2565 | 1 | CHP | 1 | 2562.852 | -28.80 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 2 | 2565.103 | -30.54 | -10 | Pass |
| 2569 | 2570 | 0.772 | CHP | 3 | 2569.905 | -34.61 | -10 | Pass |
| 2570 | 2620 | 0.772 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.772 | CHP | 4 | 2620.032 | -27.19 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 5 | 2621.532 | -28.56 | -10 | Pass |
| 2625 | 2660 | 1 | CHP | 6 | 2634.739 | -28.38 | -13 | Pass |
| 2660 | 2750 | 1 | CHP | 7 | 2661.904 | -57.51 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2590MHz_Edge_1RB_Left_Ant3



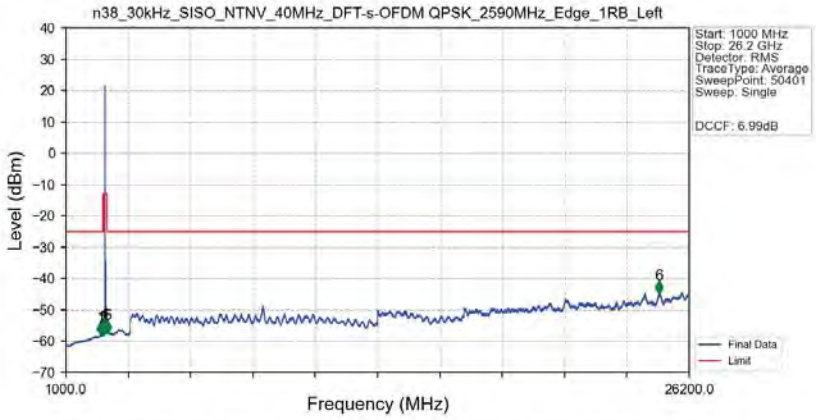

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2485.895 | -53.02 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2495.840 | -52.97 | -13 | Pass |
| 2496 | 2530 | 1 | CHP | 3 | 2524.700 | -52.76 | -25 | Pass |
| 2530 | 2565 | 1 | CHP | 4 | 2564.965 | -51.67 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.500 | -40.43 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 6 | 2569.995 | -33.48 | -10 | Pass |
| 2570 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 7 | 2620.255 | -69.23 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 8 | 2623.385 | -52.43 | -10 | Pass |
| 2625 | 2630 | 1 | CHP | 9 | 2627.565 | -52.44 | -13 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2590MHz_Edge_1RB_Left_Ant3



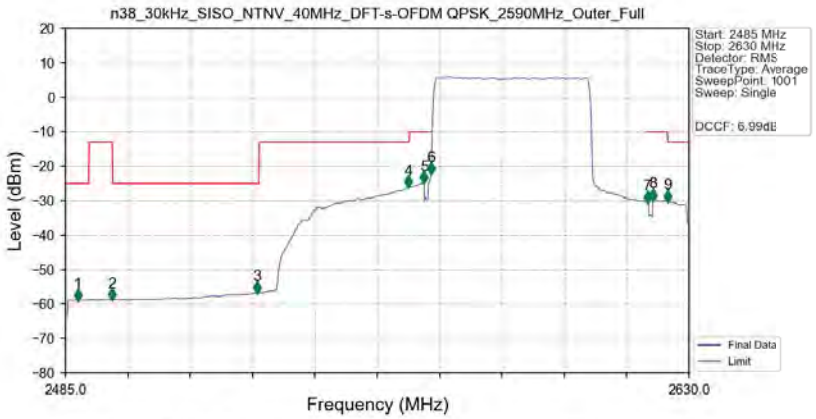

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 897.000 | -58.50 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2590MHz_Edge_1RB_Left_Ant3



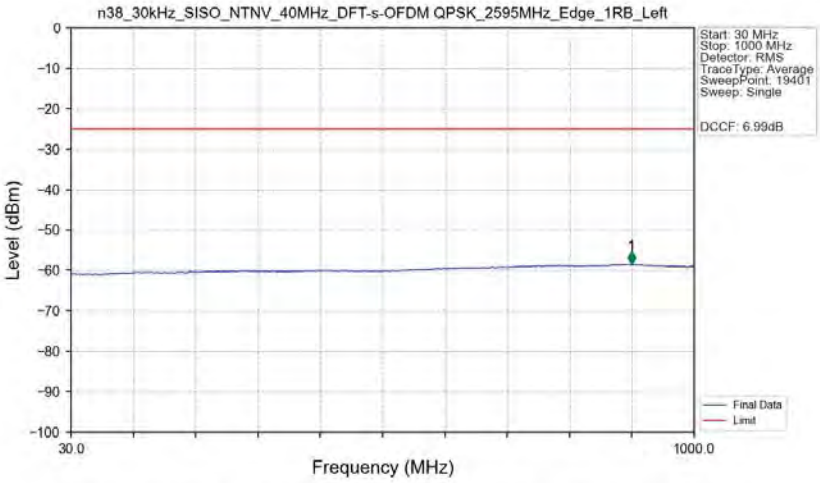

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2412.000 | -57.53 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2495.000 | -57.85 | -13 | Pass |
| 2496 | 2530 | 1 | / | 3 | 2514.500 | -57.68 | -25 | Pass |
| 2530 | 2565 | 1 | / | 4 | 2564.500 | -56.21 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2660 | 1 | / | 5 | 2655.000 | -57.06 | -13 | Pass |
| 2660 | 26200 | 1 | / | 6 | 24990.000 | -44.39 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2590MHz_Outer_Full_Ant3



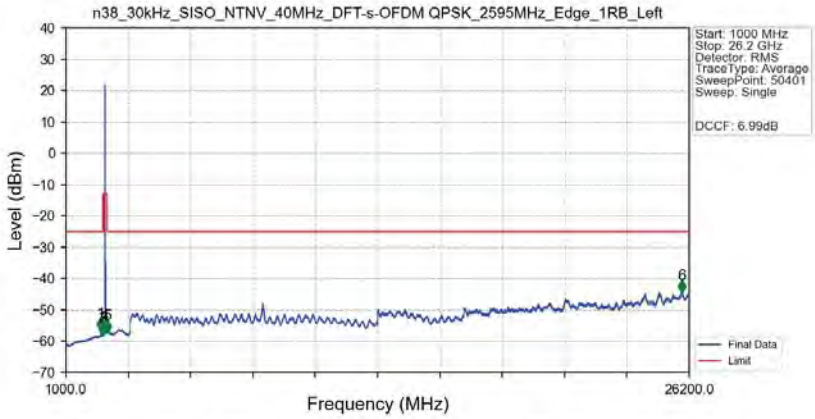

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2487.900 | -58.85 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2495.875 | -58.81 | -13 | Pass |
| 2496 | 2530 | 1 | CHP | 3 | 2529.515 | -56.72 | -25 | Pass |
| 2530 | 2565 | 1 | CHP | 4 | 2564.750 | -26.10 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.375 | -24.80 | -10 | Pass |
| 2569 | 2570 | 0.776 | CHP | 6 | 2569.970 | -22.19 | -10 | Pass |
| 2570 | 2620 | 0.776 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.776 | CHP | 7 | 2620.430 | -30.45 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 8 | 2621.590 | -29.78 | -10 | Pass |
| 2625 | 2630 | 1 | CHP | 9 | 2625.070 | -30.20 | -13 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left_Ant3



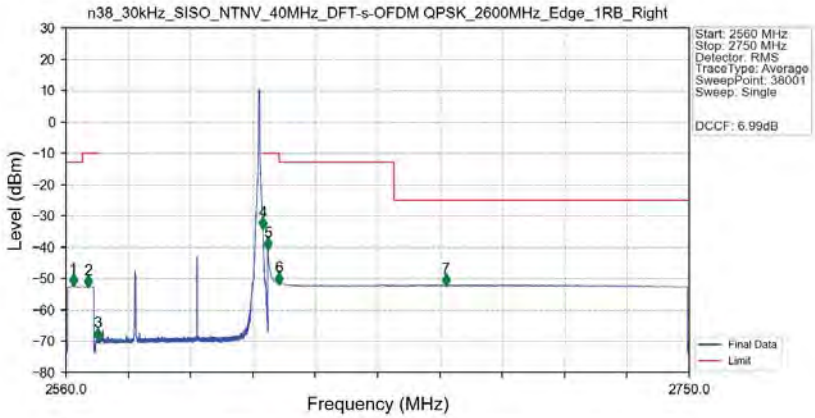

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 902.550 | -58.43 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2595MHz_Edge_1RB_Left_Ant3



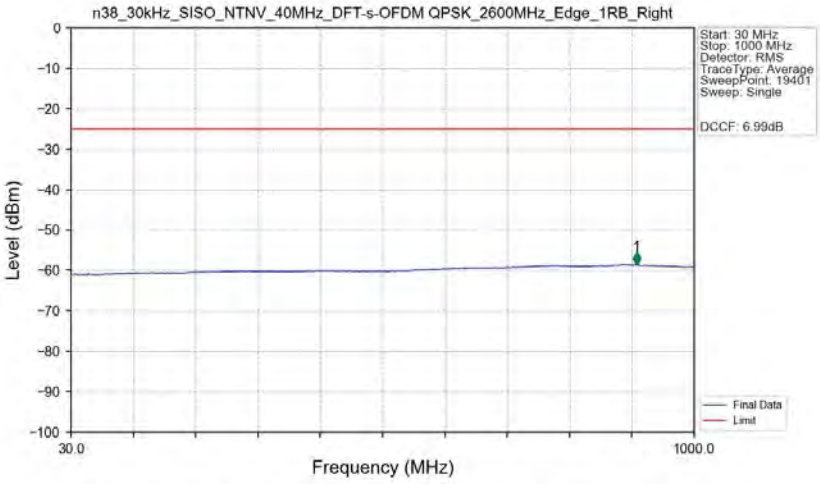

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2411.500 | -56.23 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2496.000 | -57.82 | -13 | Pass |
| 2496 | 2530 | 1 | / | 3 | 2524.500 | -57.63 | -25 | Pass |
| 2530 | 2565 | 1 | / | 4 | 2557.000 | -57.05 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2660 | 1 | / | 5 | 2659.500 | -56.99 | -13 | Pass |
| 2660 | 26200 | 1 | / | 6 | 25906.500 | -44.27 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2600MHz_Edge_1RB_Right_Ant3



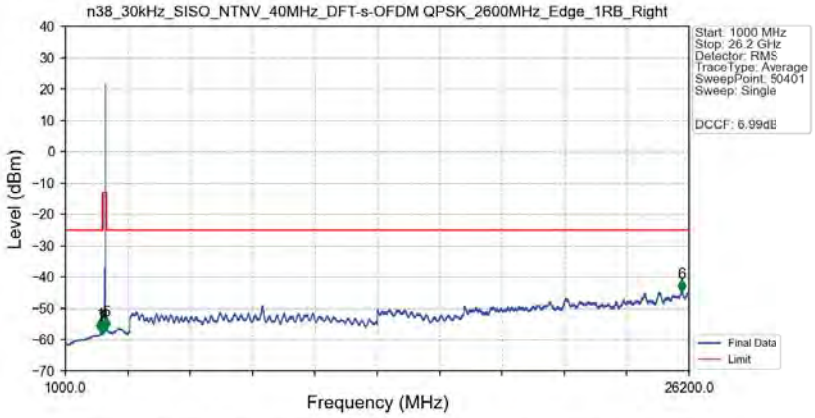

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2560 | 2565 | 1 | CHP | 1 | 2562.215 | -52.11 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 2 | 2566.825 | -52.58 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 3 | 2569.585 | -69.43 | -10 | Pass |
| 2570 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 4 | 2620.015 | -34.01 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 5 | 2621.500 | -40.70 | -10 | Pass |
| 2625 | 2660 | 1 | CHP | 6 | 2625.005 | -51.65 | -13 | Pass |
| 2660 | 2750 | 1 | CHP | 7 | 2675.840 | -52.10 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2600MHz_Edge_1RB_Right_Ant3



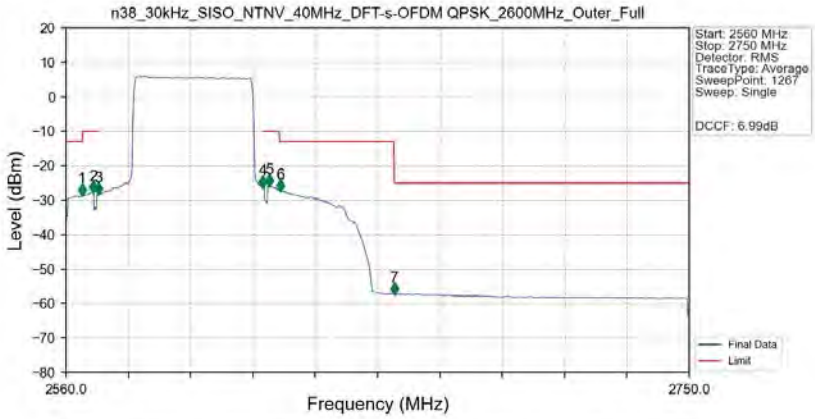

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 910.100 | -58.54 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2600MHz_Edge_1RB_Right_Ant3



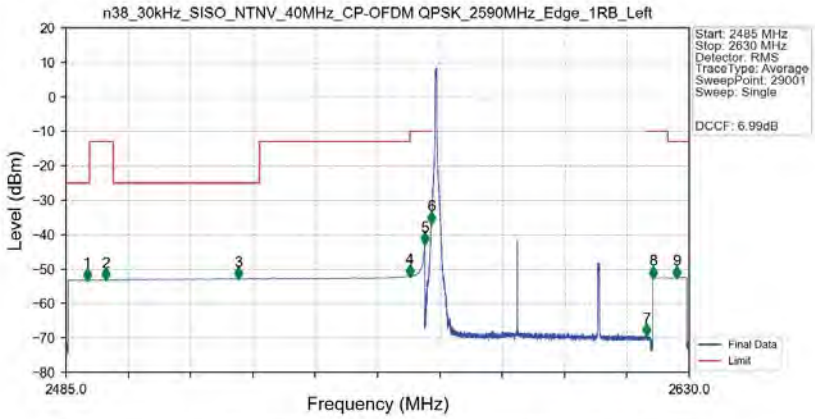

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2413.500 | -57.10 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2494.500 | -57.87 | -13 | Pass |
| 2496 | 2530 | 1 | / | 3 | 2528.500 | -57.68 | -25 | Pass |
| 2530 | 2565 | 1 | / | 4 | 2562.500 | -57.18 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2660 | 1 | / | 5 | 2626.000 | -56.39 | -13 | Pass |
| 2660 | 26200 | 1 | / | 6 | 25905.000 | -44.37 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_DFT-s-OFDM QPSK_2600MHz_Outer_Full_Ant3



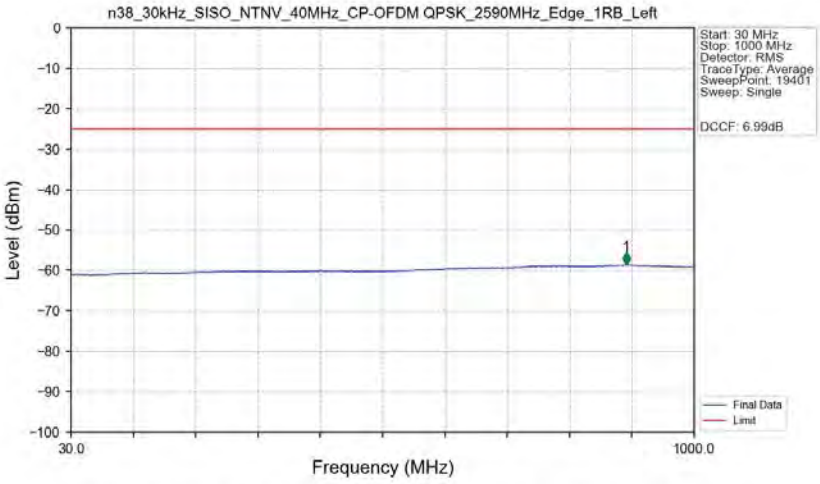

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2560 | 2565 | 1 | CHP | 1 | 2564.953 | -28.53 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 2 | 2568.404 | -27.70 | -10 | Pass |
| 2569 | 2570 | 0.78 | CHP | 3 | 2569.905 | -28.18 | -10 | Pass |
| 2570 | 2620 | 0.78 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.78 | CHP | 4 | 2620.032 | -26.17 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 5 | 2621.983 | -25.85 | -10 | Pass |
| 2625 | 2660 | 1 | CHP | 6 | 2625.434 | -27.29 | -13 | Pass |
| 2660 | 2750 | 1 | CHP | 7 | 2660.103 | -57.22 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2590MHz_Edge_1RB_Left_Ant3



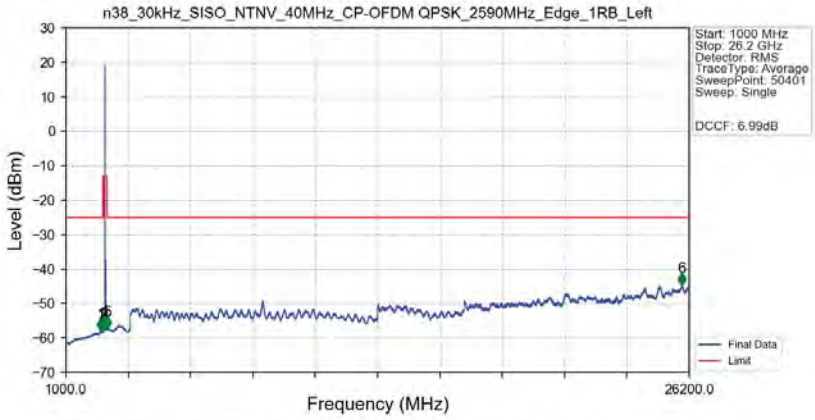

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2489.970 | -53.07 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2494.265 | -53.01 | -13 | Pass |
| 2496 | 2530 | 1 | CHP | 3 | 2525.155 | -52.80 | -25 | Pass |
| 2530 | 2565 | 1 | CHP | 4 | 2564.980 | -52.01 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.500 | -42.69 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 6 | 2569.980 | -36.61 | -10 | Pass |
| 2570 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 7 | 2620.125 | -69.27 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 8 | 2621.575 | -52.47 | -10 | Pass |
| 2625 | 2630 | 1 | CHP | 9 | 2627.020 | -52.43 | -13 | Pass |

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2590MHz_Edge_1RB_Left_Ant3



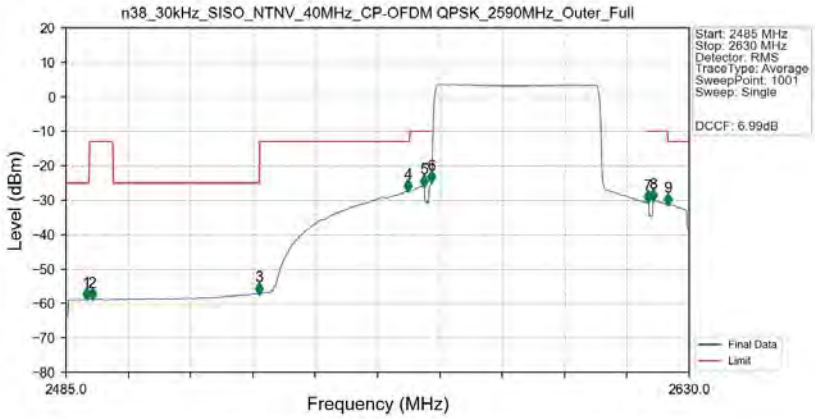

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 894.150 | -58.59 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2590MHz_Edge_1RB_Left_Ant3



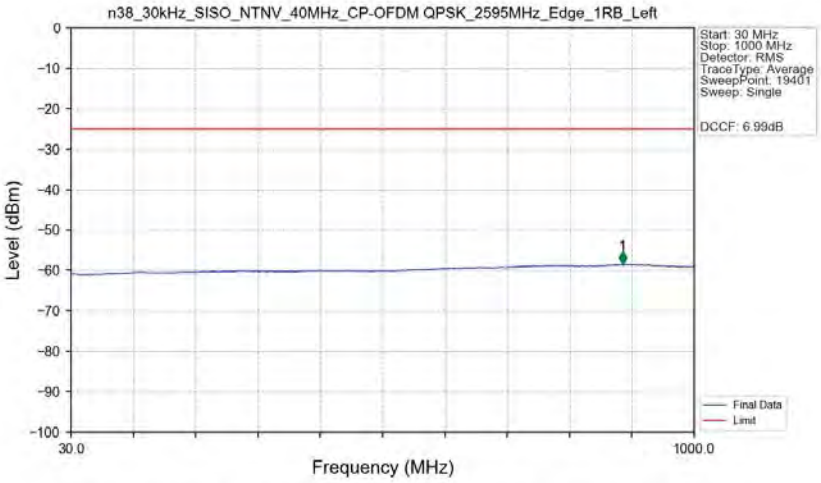

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2410.500 | -57.74 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2496.000 | -57.89 | -13 | Pass |
| 2496 | 2530 | 1 | / | 3 | 2530.000 | -57.65 | -25 | Pass |
| 2530 | 2565 | 1 | / | 4 | 2564.000 | -56.85 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2660 | 1 | / | 5 | 2660.000 | -57.13 | -13 | Pass |
| 2660 | 26200 | 1 | / | 6 | 25912.500 | -44.46 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2590MHz_Outer_Full_Ant3



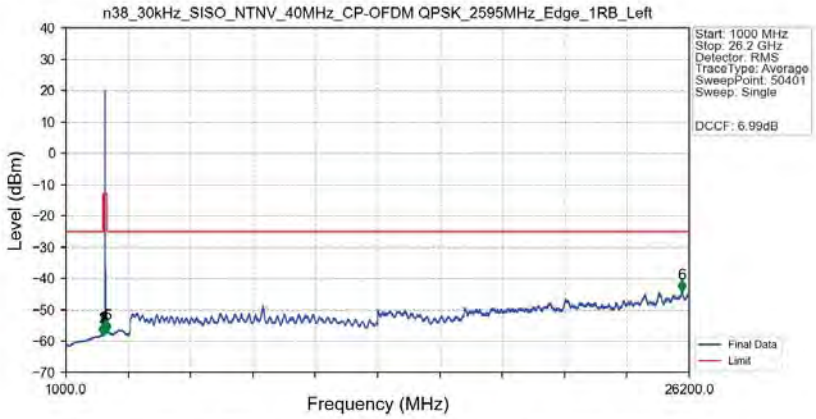

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2485 | 2490.5 | 1 | CHP | 1 | 2489.785 | -58.82 | -25 | Pass |
| 2490.5 | 2496 | 1 | CHP | 2 | 2491.090 | -58.82 | -13 | Pass |
| 2496 | 2530 | 1 | CHP | 3 | 2529.950 | -57.16 | -25 | Pass |
| 2530 | 2565 | 1 | CHP | 4 | 2564.605 | -27.33 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 5 | 2568.230 | -25.98 | -10 | Pass |
| 2569 | 2570 | 0.784 | CHP | 6 | 2569.970 | -24.80 | -10 | Pass |
| 2570 | 2620 | 0.784 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.784 | CHP | 7 | 2620.430 | -30.60 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 8 | 2621.590 | -30.14 | -10 | Pass |
| 2625 | 2630 | 1 | CHP | 9 | 2625.070 | -31.32 | -13 | Pass |

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left_Ant3



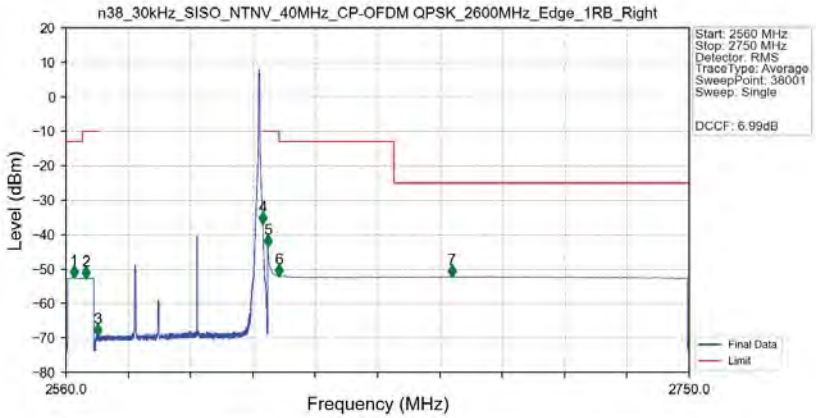

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 888.600 | -58.48 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2595MHz_Edge_1RB_Left_Ant3



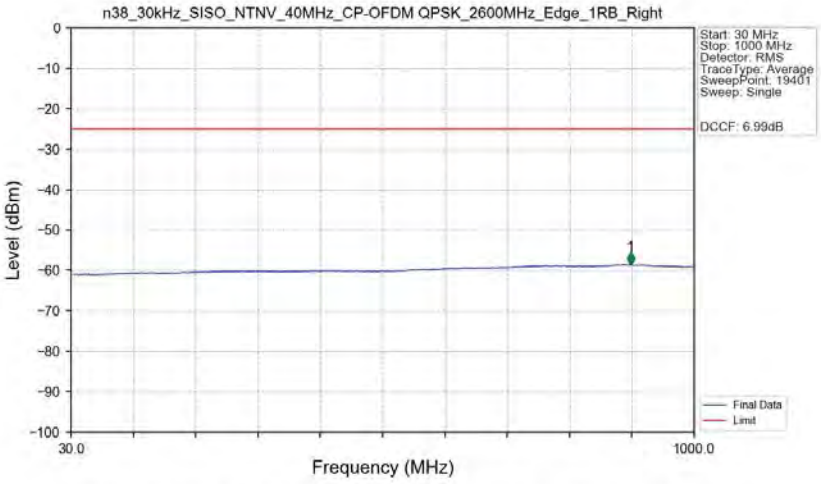

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2489.500 | -57.83 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2492.500 | -57.86 | -13 | Pass |
| 2496 | 2530 | 1 | / | 3 | 2526.000 | -57.59 | -25 | Pass |
| 2530 | 2565 | 1 | / | 4 | 2564.000 | -57.14 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2660 | 1 | / | 5 | 2652.500 | -56.99 | -13 | Pass |
| 2660 | 26200 | 1 | / | 6 | 25909.000 | -44.08 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2600MHz_Edge_1RB_Right_Ant3



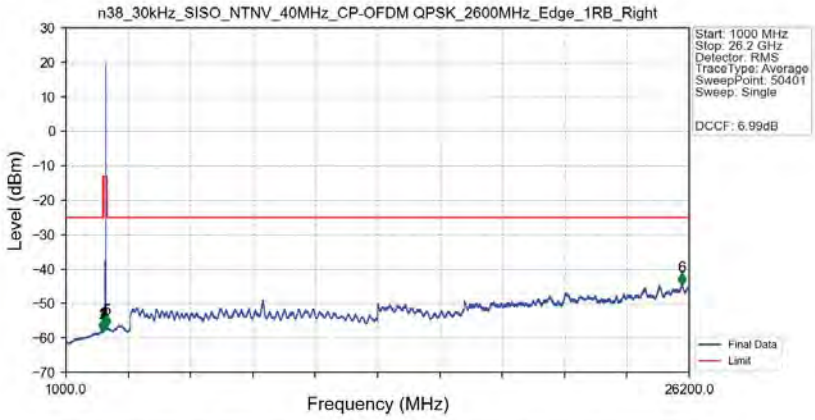

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2560 | 2565 | 1 | CHP | 1 | 2562.410 | -52.38 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 2 | 2566.085 | -52.60 | -10 | Pass |
| 2569 | 2570 | 0.02 | CHP | 3 | 2569.615 | -69.19 | -10 | Pass |
| 2570 | 2620 | 0.02 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.02 | CHP | 4 | 2620.010 | -36.74 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 5 | 2621.500 | -43.36 | -10 | Pass |
| 2625 | 2660 | 1 | CHP | 6 | 2625.010 | -51.91 | -13 | Pass |
| 2660 | 2750 | 1 | CHP | 7 | 2677.680 | -52.12 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2600MHz_Edge_1RB_Right_Ant3



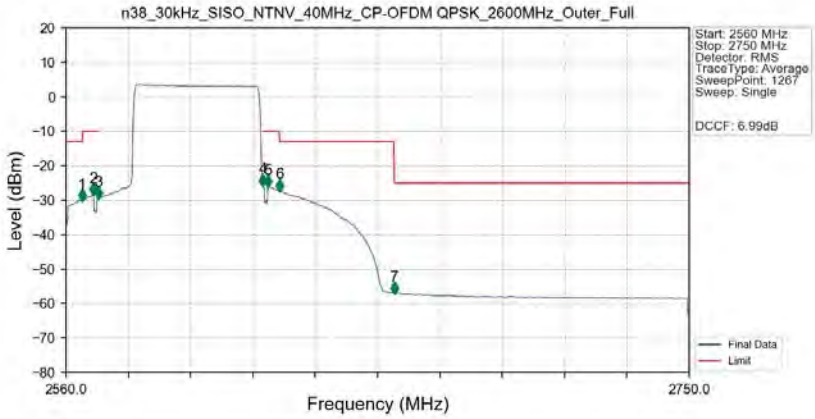

| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 30 | 1000 | 1 | CHP | 1 | 900.850 | -58.53 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2600MHz_Edge_1RB_Right_Ant3




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 1000 | 2490.5 | 1 | / | 1 | 2490.000 | -57.90 | -25 | Pass |
| 2490.5 | 2496 | 1 | / | 2 | 2492.500 | -57.95 | -13 | Pass |
| 2496 | 2530 | 1 | / | 3 | 2524.000 | -57.70 | -25 | Pass |
| 2530 | 2565 | 1 | / | 4 | 2559.000 | -57.45 | -13 | Pass |
| 2565 | 2625 | 1 | / | / | / | / | / | / |
| 2625 | 2660 | 1 | / | 5 | 2625.500 | -56.61 | -13 | Pass |
| 2660 | 26200 | 1 | / | 6 | 25911.000 | -44.35 | -25 | Pass |

n38_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_2600MHz_Outer_Full_Ant3




| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|---|---|---|---|---|---|---|---|---|
| 2560 | 2565 | 1 | CHP | 1 | 2564.953 | -30.12 | -13 | Pass |
| 2565 | 2569 | 1 | CHP | 2 | 2568.404 | -28.38 | -10 | Pass |
| 2569 | 2570 | 0.776 | CHP | 3 | 2569.905 | -29.41 | -10 | Pass |
| 2570 | 2620 | 0.776 | CHP | / | / | / | / | / |
| 2620 | 2621 | 0.776 | CHP | 4 | 2620.032 | -25.76 | -10 | Pass |
| 2621 | 2625 | 1 | CHP | 5 | 2621.532 | -26.12 | -10 | Pass |
| 2625 | 2660 | 1 | CHP | 6 | 2625.134 | -27.20 | -13 | Pass |
| 2660 | 2750 | 1 | CHP | 7 | 2660.103 | -57.00 | -25 | Pass |

## 6. Field Strength of Spurious Radiation

| NR N38 ANT3-Low channel, Modulation: QPSK, Bandwidth:40MHz, 1RB#1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5144.0 | -63.85 | -25 | -38.85 | -69.46 | 4.62 | 10.23 | Horizontal | Pass |
| 7716.0 | -60.26 | -25 | -35.26 | -67.29 | 4.96 | 11.99 | Horizontal | Pass |
| 10288.0 | -56.93 | -25 | -31.93 | -64.5 | 5.51 | 13.08 | Horizontal | Pass |
| 5144.0 | -63.94 | -25 | -38.94 | -69.55 | 4.62 | 10.23 | Vertical | Pass |
| 7716.0 | -59.99 | -25 | -34.99 | -67.02 | 4.96 | 11.99 | Vertical | Pass |
| 10288.0 | -57.13 | -25 | -32.13 | -64.7 | 5.51 | 13.08 | Vertical | Pass |

| NR N38 ANT3-Middle channel, Modulation: QPSK, Bandwidth:40MHz, 1RB#1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5154.0 | -63.3 | -25 | -38.3 | -68.92 | 4.62 | 10.24 | Horizontal | Pass |
| 7731.0 | -59.68 | -25 | -34.68 | -66.73 | 4.96 | 12.01 | Horizontal | Pass |
| 10344.0 | -55.97 | -25 | -30.97 | -63.54 | 5.52 | 13.09 | Horizontal | Pass |
| 5154.0 | -63.1 | -25 | -38.1 | -68.72 | 4.62 | 10.24 | Vertical | Pass |
| 7731.0 | -59.51 | -25 | -34.51 | -66.56 | 4.96 | 12.01 | Vertical | Pass |
| 10344.0 | -56.18 | -25 | -31.18 | -63.75 | 5.52 | 13.09 | Vertical | Pass |

| NR N38 ANT3-High channel, Modulation: QPSK, Bandwidth:40MHz, 1RB#1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5164.0 | -63.14 | -25 | -38.14 | -68.76 | 4.62 | 10.24 | Horizontal | Pass |
| 7746.0 | -58.59 | -25 | -33.59 | -65.66 | 4.96 | 12.03 | Horizontal | Pass |
| 10328.0 | -56.42 | -25 | -31.42 | -64.0 | 5.51 | 13.09 | Horizontal | Pass |
| 5164.0 | -63.31 | -25 | -38.31 | -68.93 | 4.62 | 10.24 | Vertical | Pass |
| 7746.0 | -58.51 | -25 | -33.51 | -65.58 | 4.96 | 12.03 | Vertical | Pass |
| 10328.0 | -56.74 | -25 | -31.74 | -64.32 | 5.51 | 13.09 | Vertical | Pass |

| NSA_5A_n38A-Low channel | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5144.0 | -62.28 | -25 | -37.28 | -67.89 | 4.62 | 10.23 | Horizontal | Pass |
| 7716.0 | -59.65 | -25 | -34.65 | -66.68 | 4.96 | 11.99 | Horizontal | Pass |
| 10288.0 | -56.01 | -25 | -31.01 | -63.58 | 5.51 | 13.08 | Horizontal | Pass |
| 5144.0 | -63.53 | -25 | -38.53 | -69.14 | 4.62 | 10.23 | Vertical | Pass |
| 7716.0 | -59.53 | -25 | -34.53 | -66.56 | 4.96 | 11.99 | Vertical | Pass |
| 10288.0 | -56.66 | -25 | -31.66 | -64.23 | 5.51 | 13.08 | Vertical | Pass |

| NSA_5A_n38A-Middle channel | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5154.0 | -63.45 | -25 | -38.45 | -69.07 | 4.62 | 10.24 | Horizontal | Pass |
| 7731.0 | -59.15 | -25 | -34.15 | -66.2 | 4.96 | 12.01 | Horizontal | Pass |
| 10344.0 | -56.11 | -25 | -31.11 | -63.68 | 5.52 | 13.09 | Horizontal | Pass |
| 5154.0 | -62.24 | -25 | -37.24 | -67.86 | 4.62 | 10.24 | Vertical | Pass |
| 7731.0 | -59.28 | -25 | -34.28 | -66.33 | 4.96 | 12.01 | Vertical | Pass |
| 10344.0 | -56.18 | -25 | -31.18 | -63.75 | 5.52 | 13.09 | Vertical | Pass |

| NSA_5A_n38A-High channel | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
| 5164.0 | -63.59 | -25 | -38.59 | -69.21 | 4.62 | 10.24 | Horizontal | Pass |
| 7746.0 | -58.93 | -25 | -33.93 | -66.0 | 4.96 | 12.03 | Horizontal | Pass |
| 10328.0 | -56.44 | -25 | -31.44 | -64.02 | 5.51 | 13.09 | Horizontal | Pass |
| 5164.0 | -62.41 | -25 | -37.41 | -68.03 | 4.62 | 10.24 | Vertical | Pass |
| 7746.0 | -58.85 | -25 | -33.85 | -65.92 | 4.96 | 12.03 | Vertical | Pass |
| 10328.0 | -56.43 | -25 | -31.43 | -64.01 | 5.51 | 13.09 | Vertical | Pass |