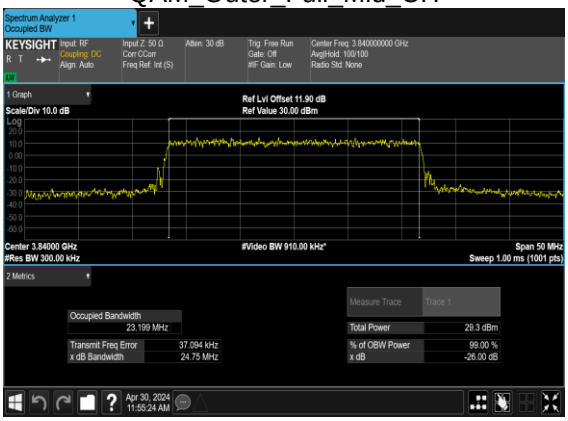
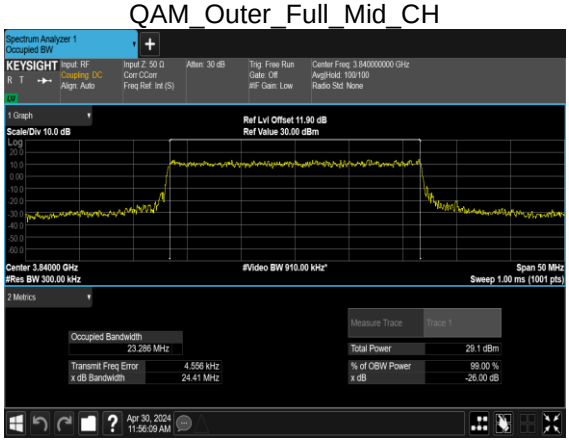
N77(25M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

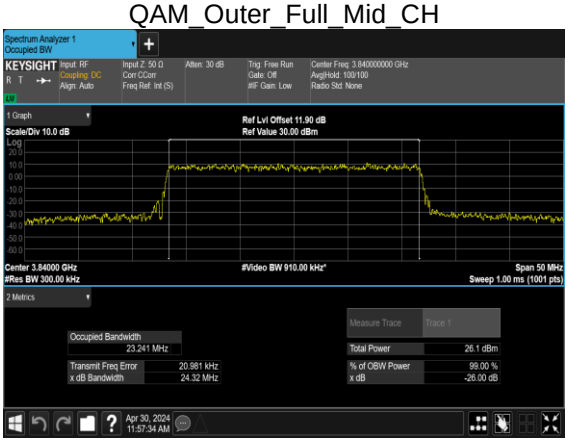

N77(25M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



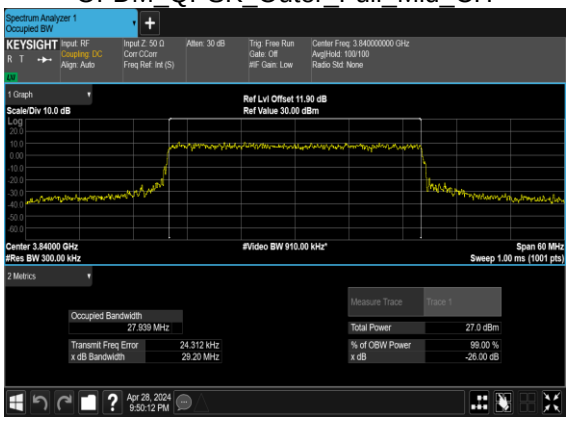

N77(25M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



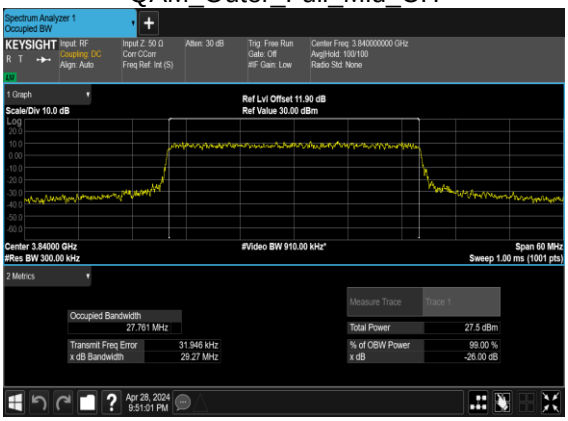

N77(25M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



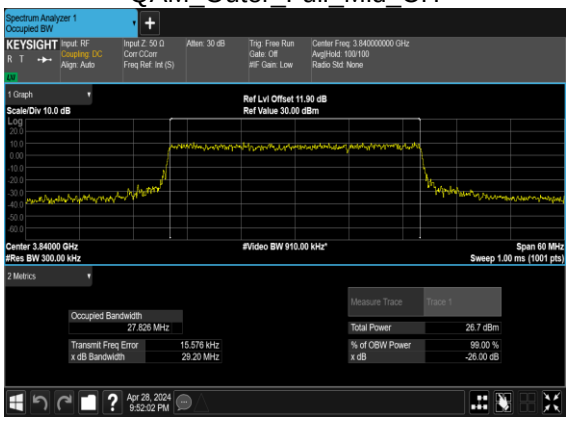

N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



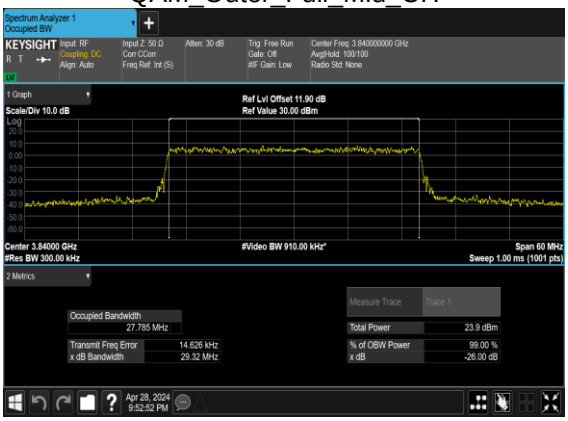

N77(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



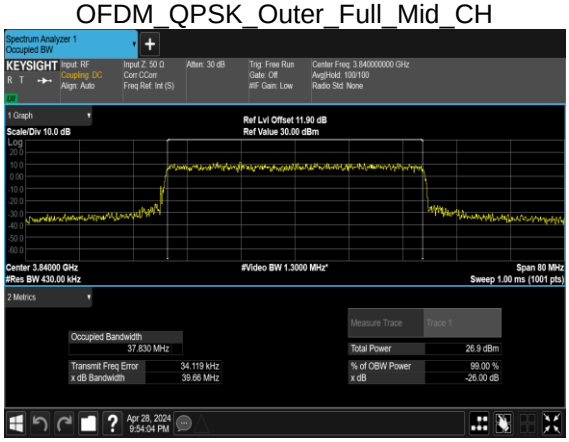
N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



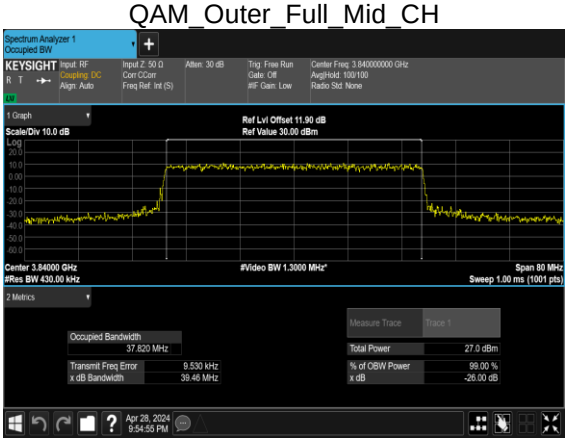

N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



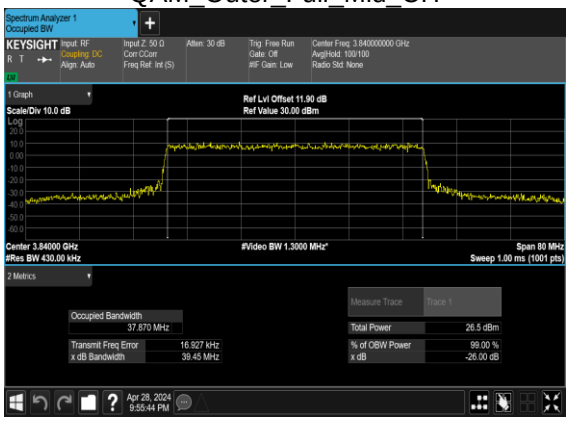

N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



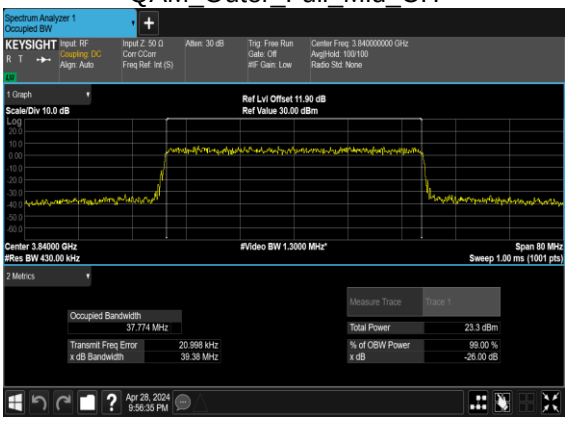

N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



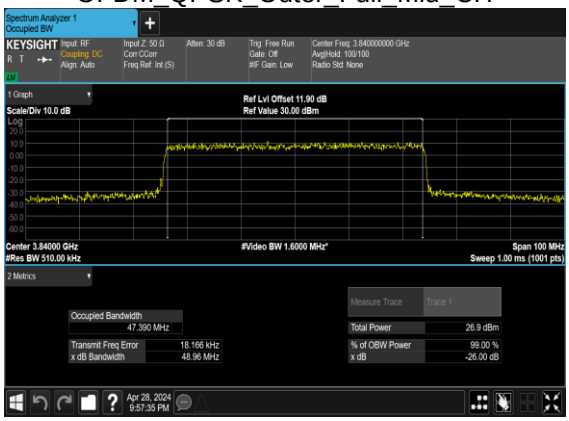

N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



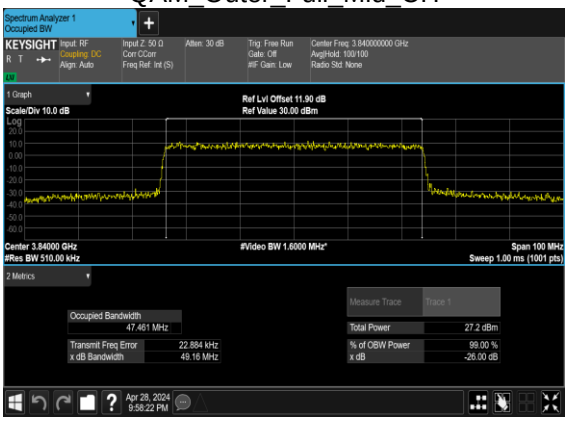

N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



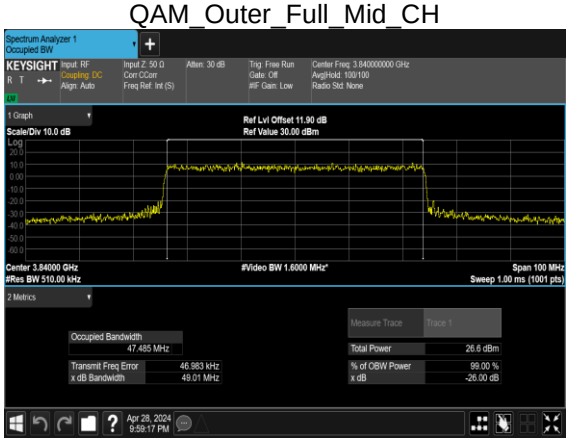
N77(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



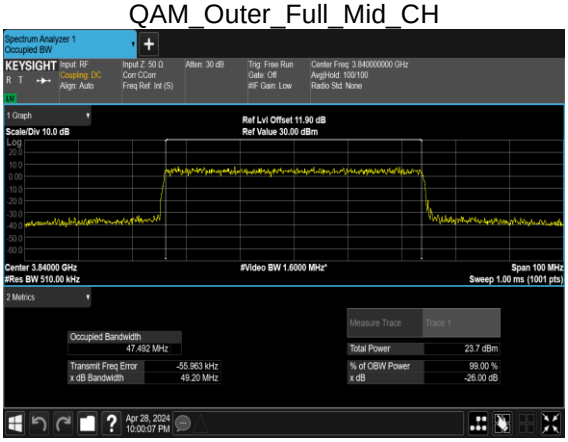

N77(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



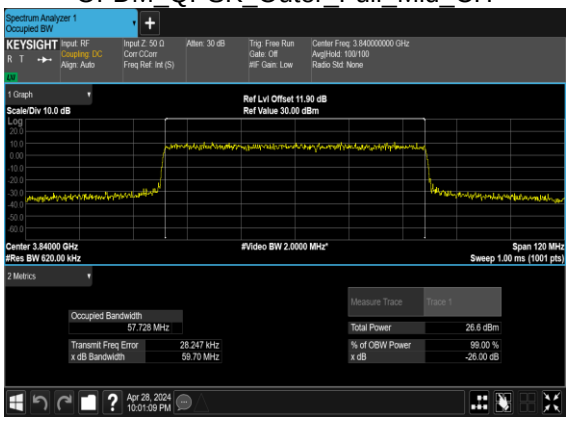

N77(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH




N77(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

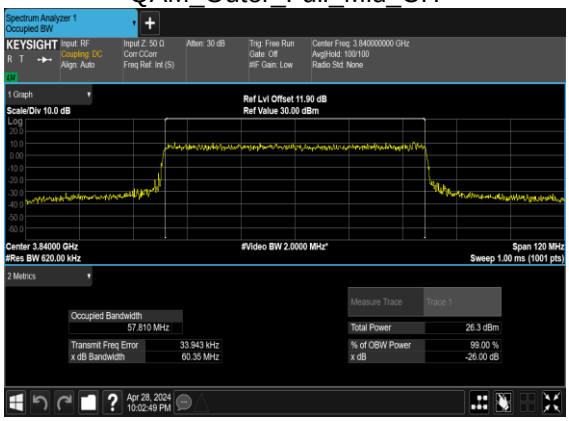



N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

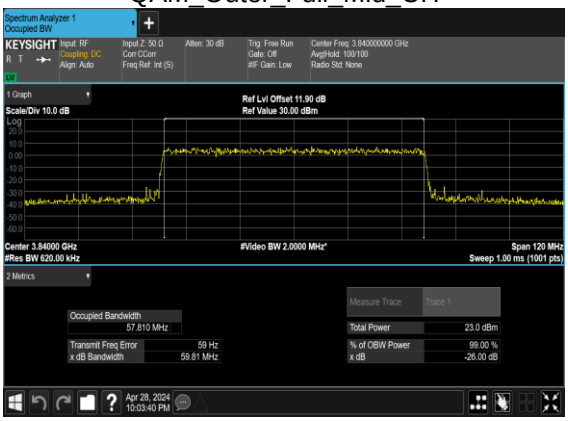



N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

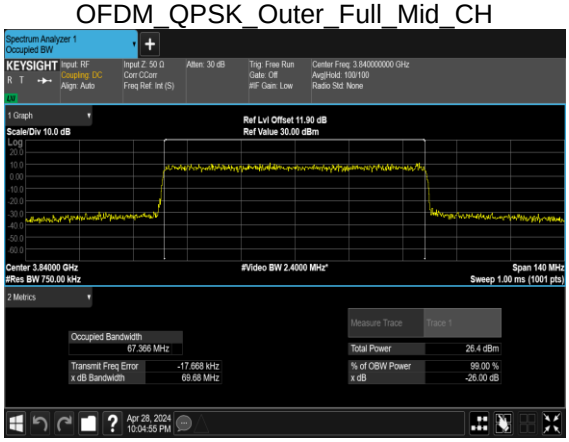
N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



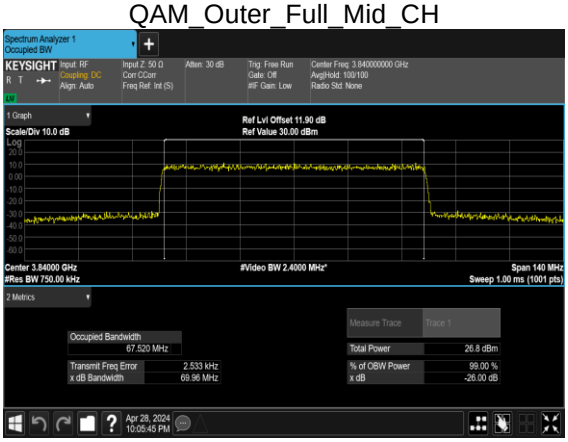

N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



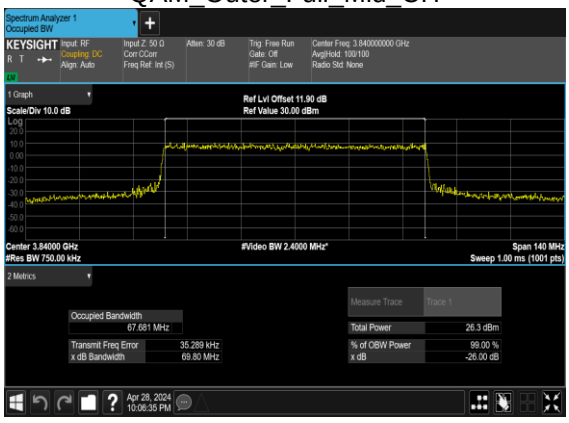

N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH




N77(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

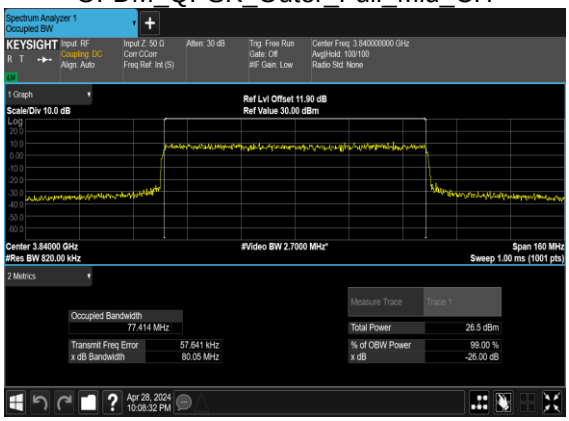



N77(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

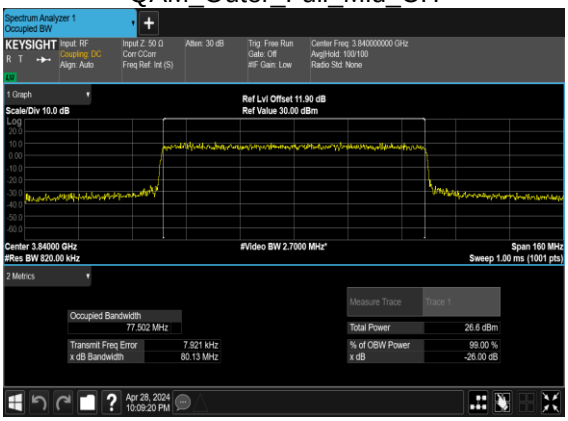



N77(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

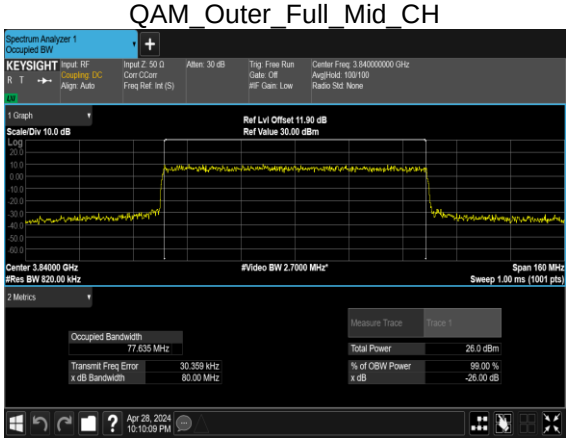
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



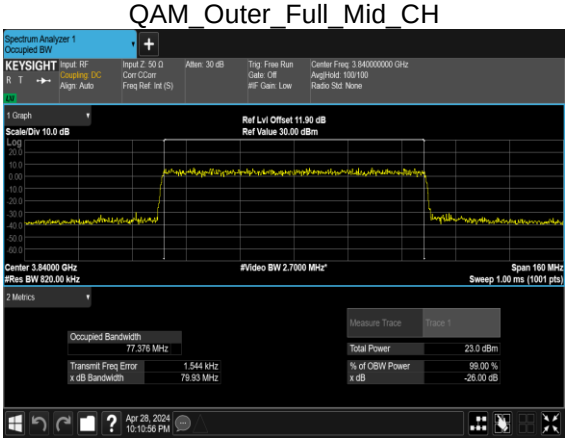

N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



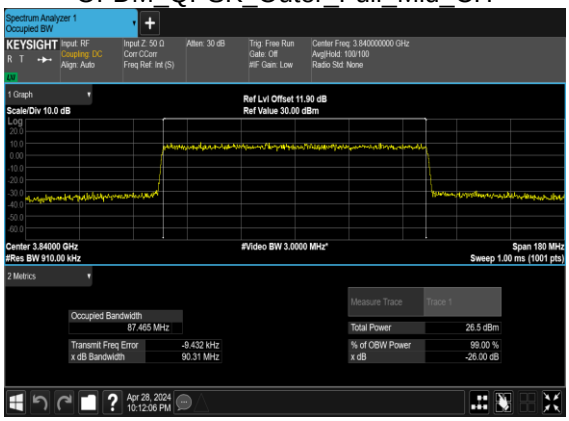

N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



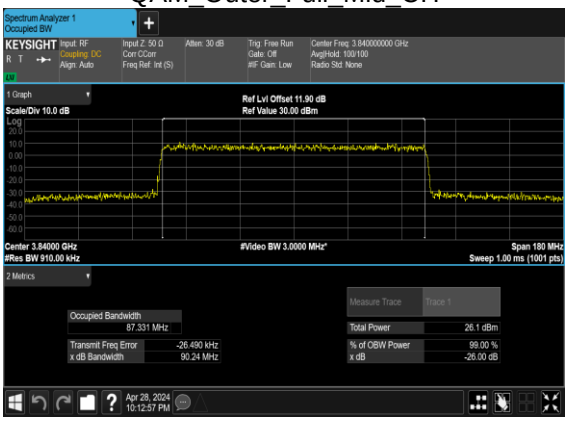

N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



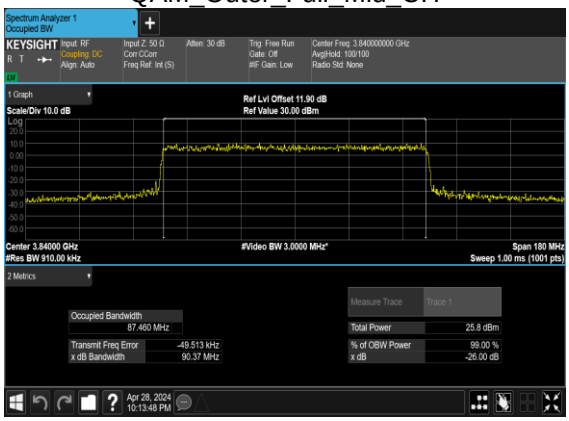

N77(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



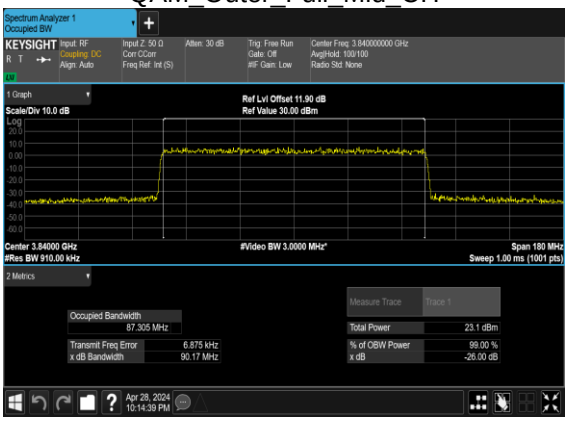

N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



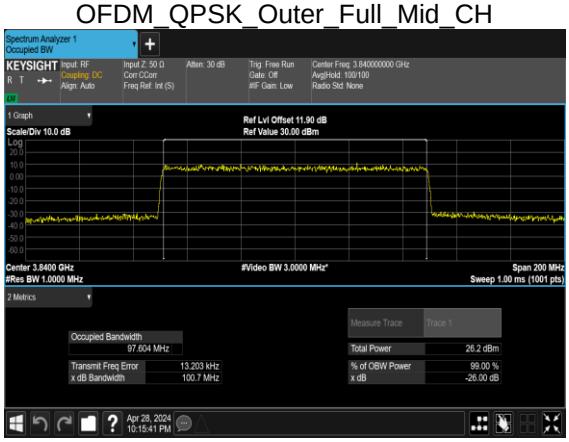
N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



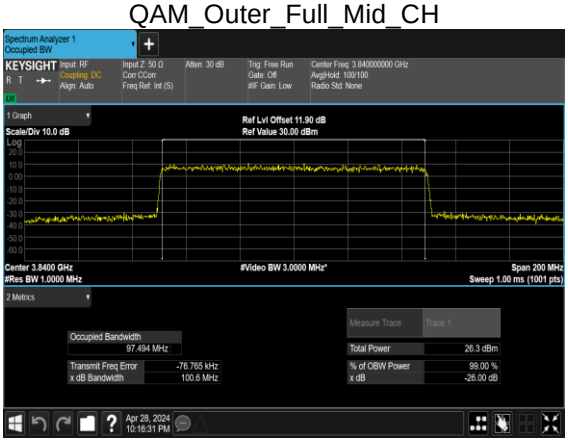

N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



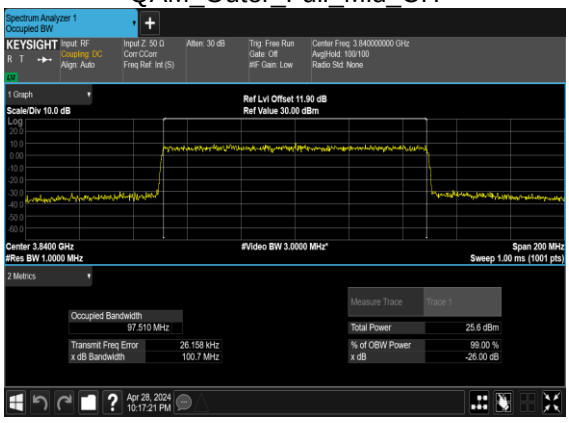

N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



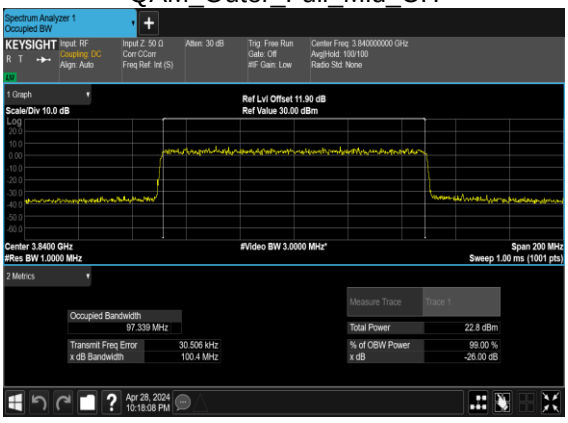

N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH




N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH




N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

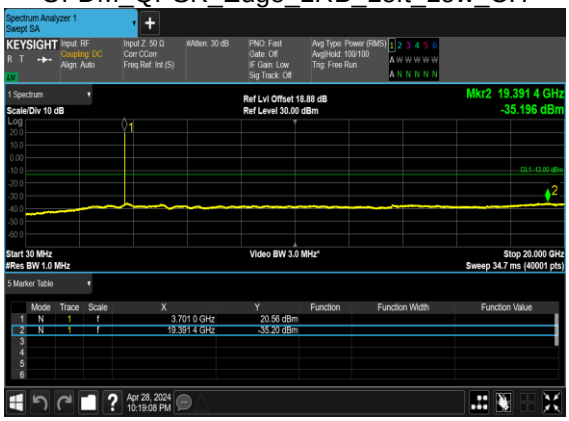


## Conducted Spurious Emissions

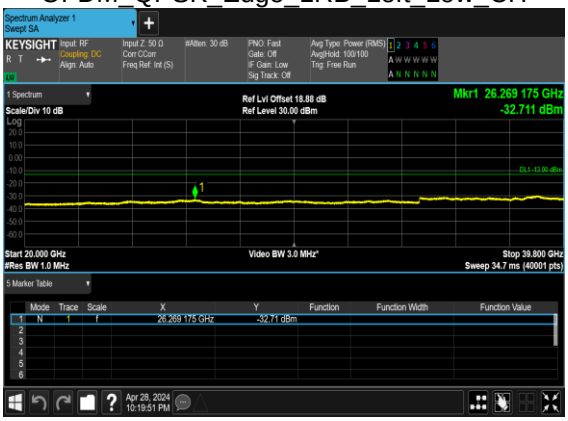
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 10 | 647000 | 3705.0 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 10 | 647000 | 3705.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 10 | 647000 | 3705.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 10 | 656000 | 3840.0 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 10 | 656000 | 3840.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 10 | 656000 | 3840.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 10 | 665000 | 3975.0 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 10 | 665000 | 3975.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 10 | 665000 | 3975.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 50 | 648334 | 3725.01 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 50 | 648334 | 3725.01 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 50 | 648334 | 3725.01 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 50 | 656000 | 3840.0 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 50 | 656000 | 3840.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 50 | 656000 | 3840.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 50 | 663666 | 3954.99 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 50 | 663666 | 3954.99 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 50 | 663666 | 3954.99 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 650000 | 3750.0 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 100 | 650000 | 3750.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 650000 | 3750.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 656000 | 3840.0 | CP-OFDM QPSK | 1@0 | see graph | **---** |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 100 | 656000 | 3840.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 656000 | 3840.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 662000 | 3930.0 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 100 | 662000 | 3930.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 662000 | 3930.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |

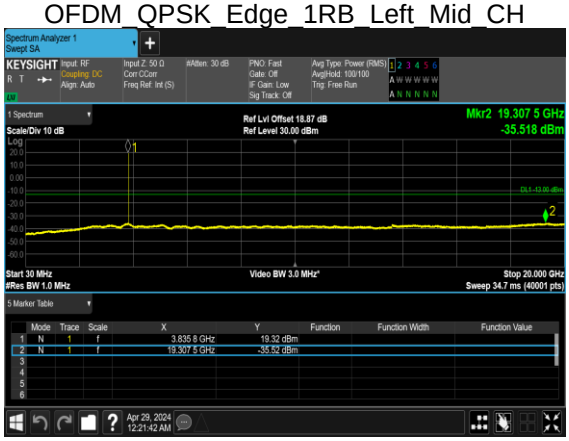
N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



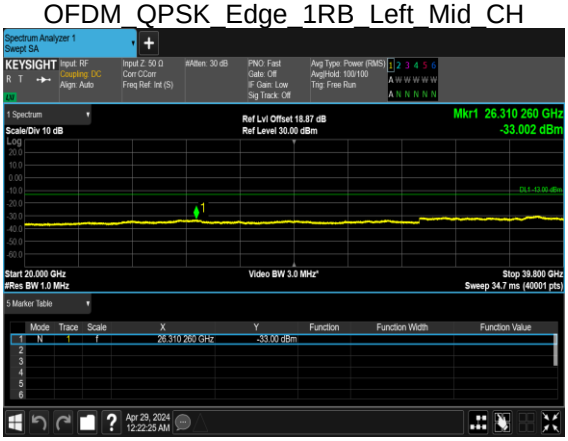

N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



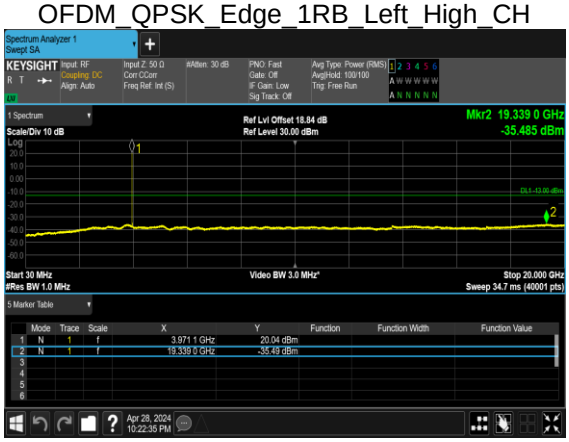

N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



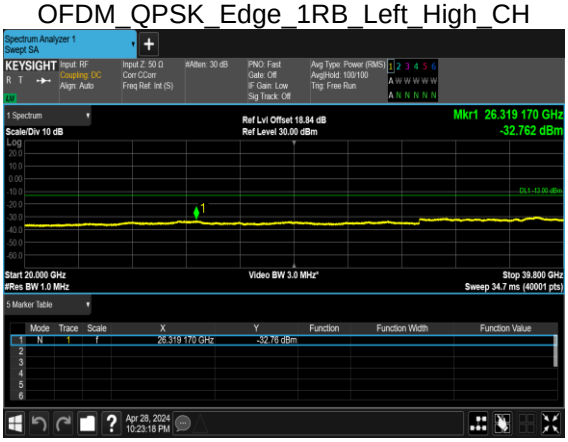

N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



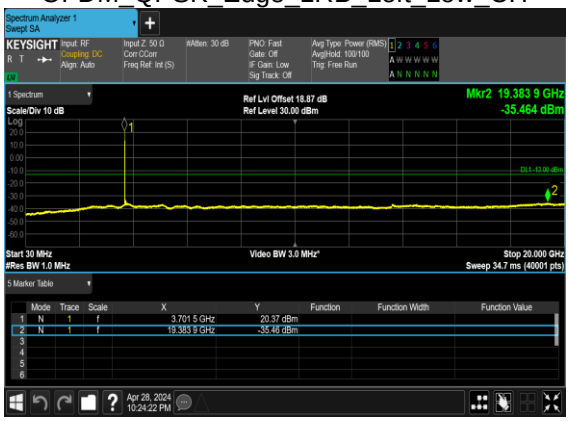

N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



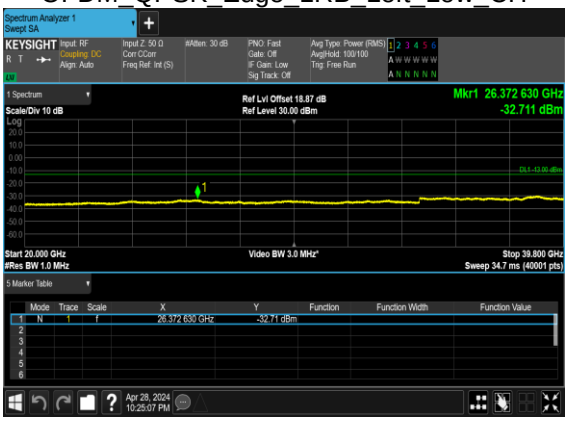

N77(10M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



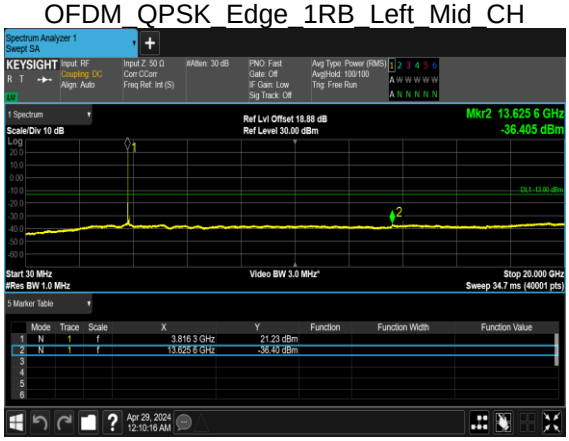
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



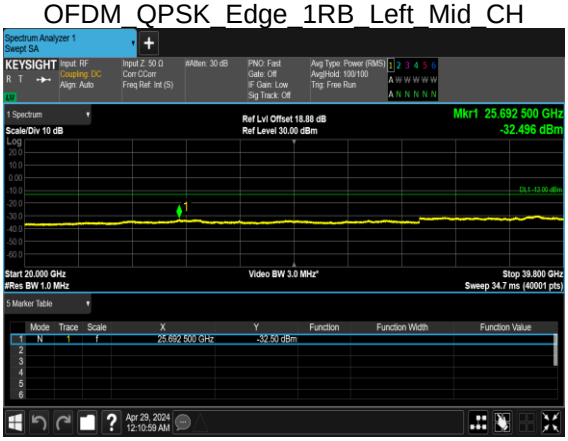

N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



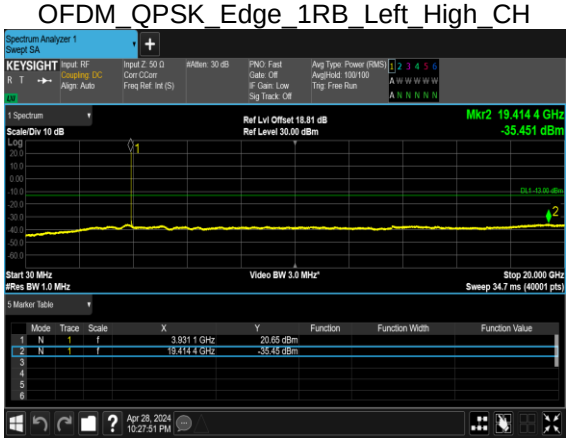

N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



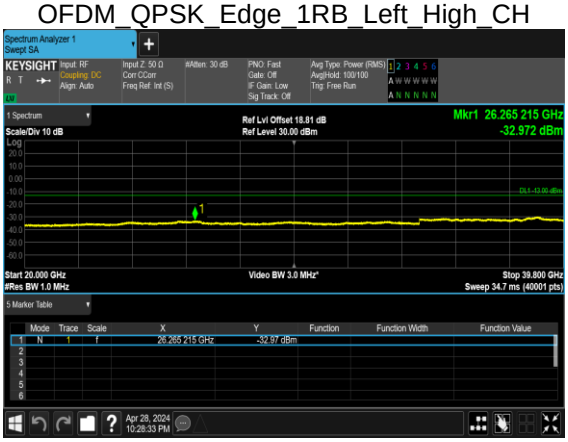

N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



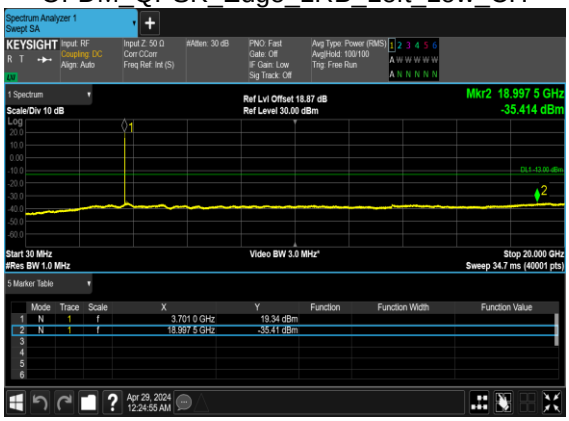

N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



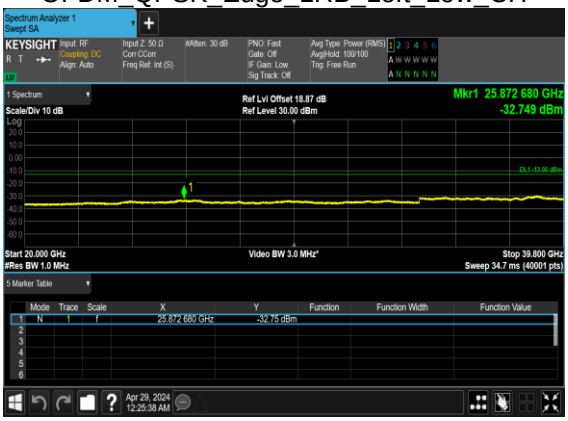

N77(50M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



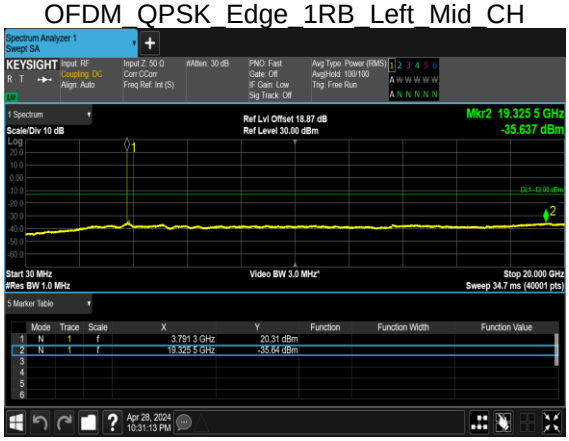
N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



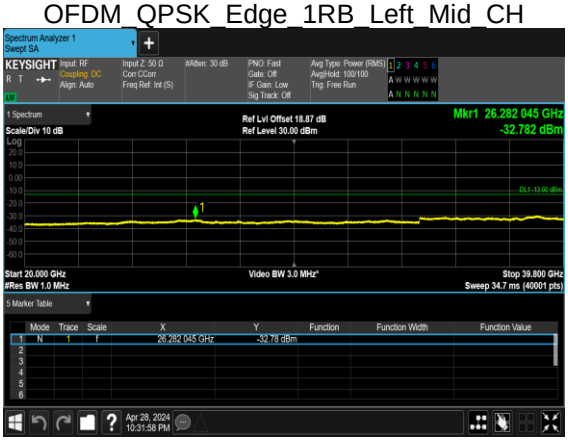

N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



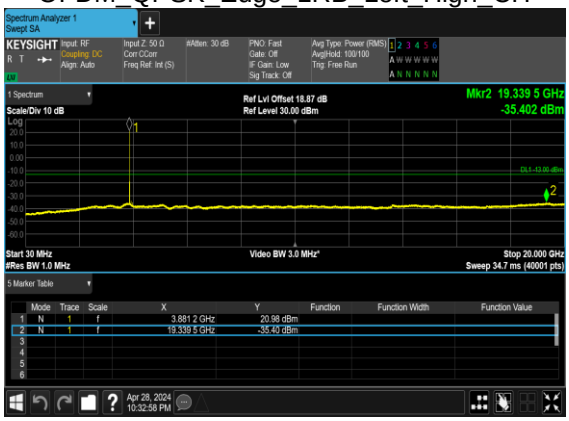

N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



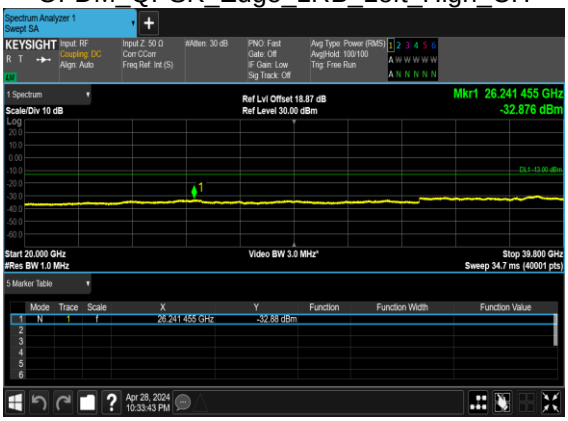

N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH




N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



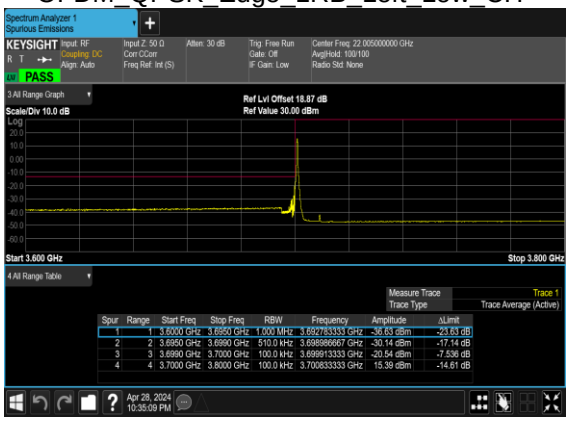

N77(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



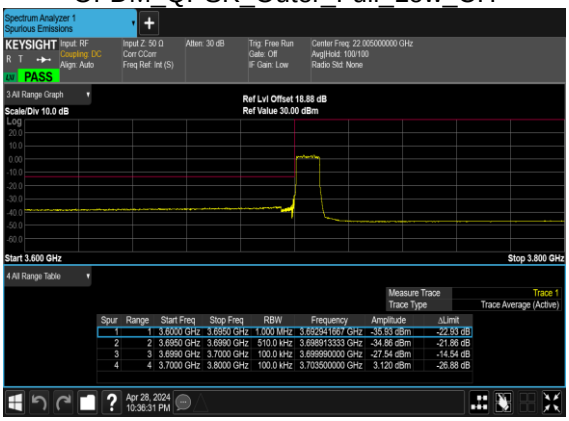
## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 10 | 647000 | 3705.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 10 | 647000 | 3705.0 | CP-OFDM QPSK | 24@0 | see graph | **PASS** |
| **77** | 30 | 10 | 665000 | 3975.0 | CP-OFDM QPSK | 1@23 | see graph | **PASS** |
| **77** | 30 | 10 | 665000 | 3975.0 | CP-OFDM QPSK | 24@0 | see graph | **PASS** |
| **77** | 30 | 50 | 648334 | 3725.01 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 50 | 648334 | 3725.01 | CP-OFDM QPSK | 133@0 | see graph | **PASS** |
| **77** | 30 | 50 | 663666 | 3954.99 | CP-OFDM QPSK | 1@132 | see graph | **PASS** |
| **77** | 30 | 50 | 663666 | 3954.99 | CP-OFDM QPSK | 133@0 | see graph | **PASS** |
| **77** | 30 | 100 | 650000 | 3750.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 650000 | 3750.0 | CP-OFDM QPSK | 273@0 | see graph | **PASS** |
| **77** | 30 | 100 | 662000 | 3930.0 | CP-OFDM QPSK | 1@272 | see graph | **PASS** |
| **77** | 30 | 100 | 662000 | 3930.0 | CP-OFDM QPSK | 273@0 | see graph | **PASS** |

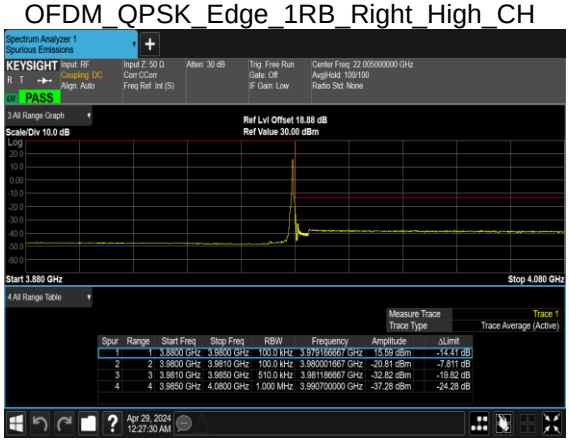
N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



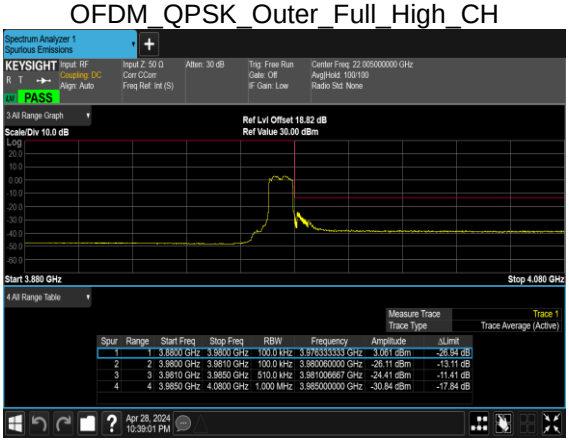

N77(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



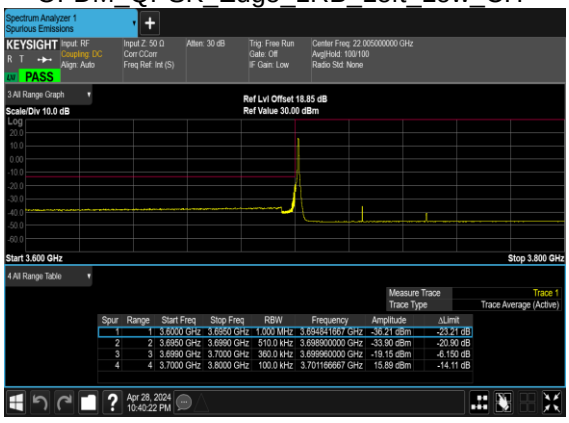

N77(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



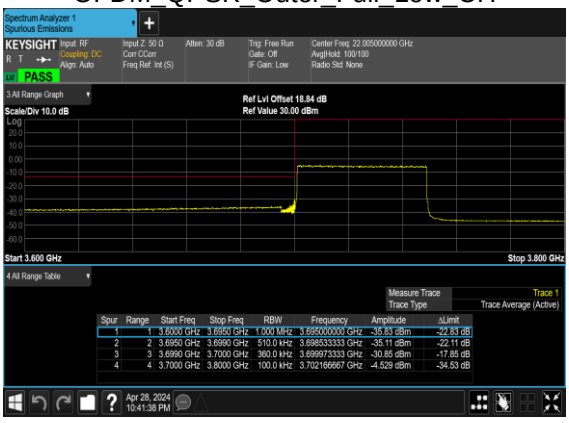

N77(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH



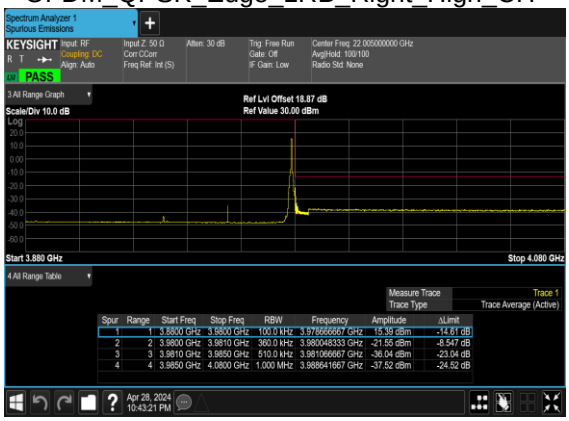

N77(50M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



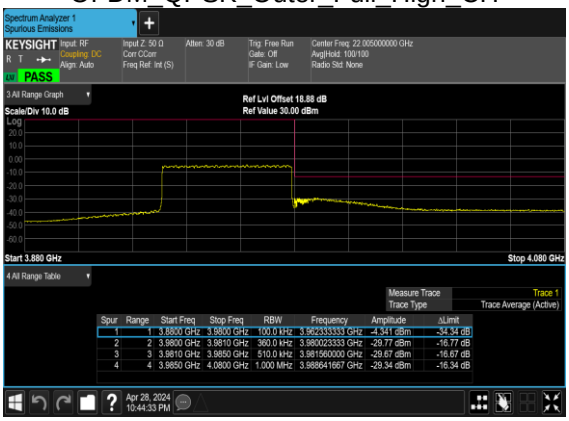

N77(50M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



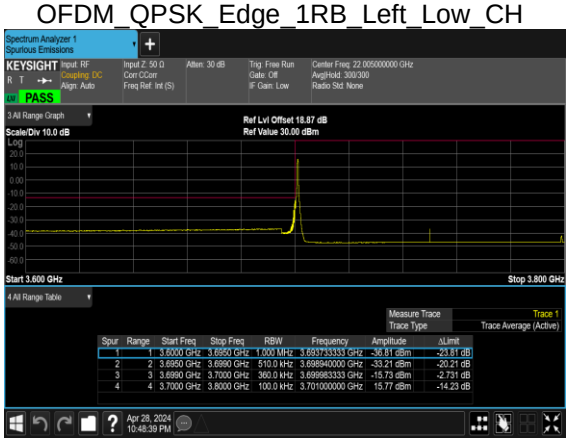
N77(50M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



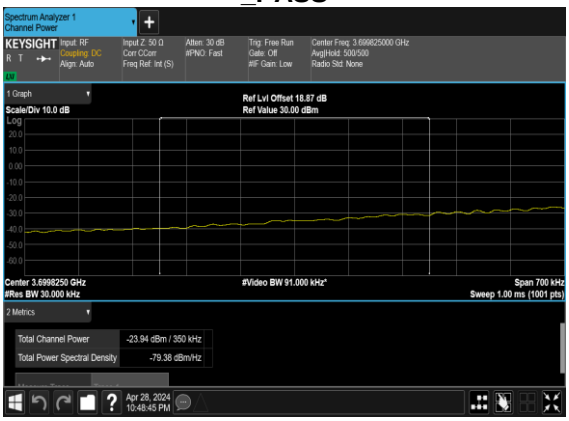

N77(50M)_CP-OFDM_QPSK_Outer_Full_High_CH



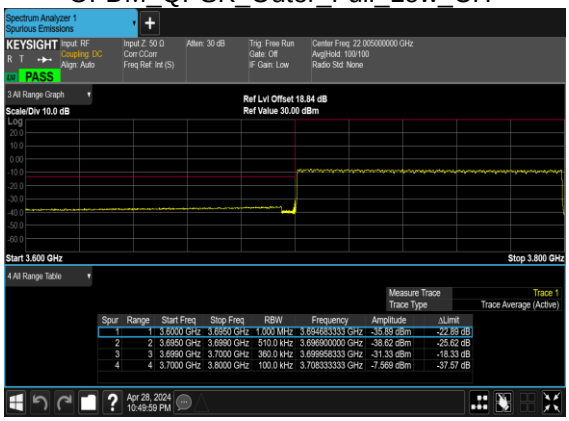

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



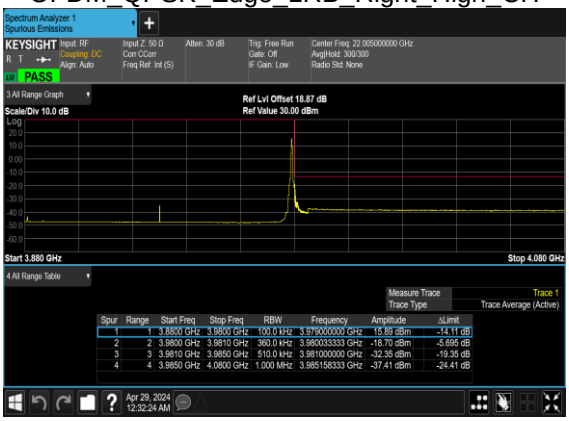

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



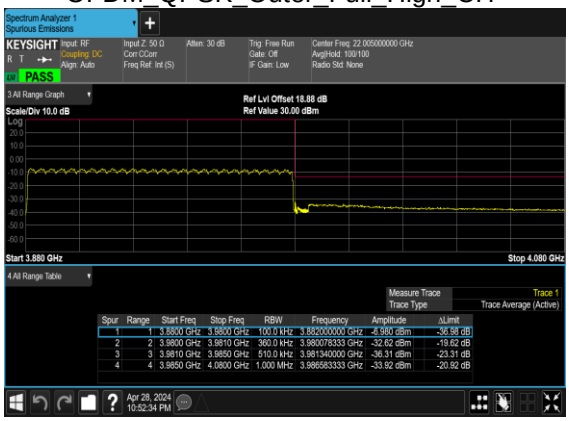

N77(100M)_CP-OFDM_QPSK_Outer_Full_Low_CH




N77(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_CP-OFDM_QPSK_Outer_Full_High_CH



Software Version: 23.06.1602

# FR1 N78 MIMO-ANT3+ANT6

## Transmitter Conducted Output Power and EIRP, ($G_T$ - $L_C$)=-2.2dB

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | ANT3 Power(dBm) | ANT6 Power(dBm) | Conducted Power(dBm) | EIRP (dBm) | EIRP (W) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **78** | 30 | 10 | 647000 | 3705 | CP-OFDM QPSK | 1@1 | 23.25 | 22.69 | 25.99 | 23.79 | 0.2393 |
| **78** | 30 | 10 | 647000 | 3705 | CP-OFDM 16 QAM | 1@1 | 22.84 | 21.91 | 25.41 | 23.21 | 0.2094 |
| **78** | 30 | 10 | 650000 | 3750 | CP-OFDM QPSK | 1@1 | 23.21 | 22.8 | 26.02 | 23.82 | 0.2410 |
| **78** | 30 | 10 | 650000 | 3750 | CP-OFDM 16 QAM | 1@1 | 22.73 | 22.01 | 25.40 | 23.2 | 0.2089 |
| **78** | 30 | 10 | 653000 | 3795 | CP-OFDM QPSK | 1@1 | 23.33 | 22.66 | 26.02 | 23.82 | 0.2410 |
| **78** | 30 | 10 | 653000 | 3795 | CP-OFDM 16 QAM | 1@1 | 22.8 | 21.88 | 25.37 | 23.17 | 0.2075 |
| **78** | 30 | 15 | 647168 | 3707.52 | CP-OFDM QPSK | 1@1 | 23.25 | 22.78 | 26.03 | 23.83 | 0.2415 |
| **78** | 30 | 15 | 647168 | 3707.52 | CP-OFDM 16 QAM | 1@1 | 22.8 | 21.91 | 25.39 | 23.19 | 0.2084 |
| **78** | 30 | 15 | 650000 | 3750 | CP-OFDM QPSK | 1@1 | 23.31 | 22.81 | 26.08 | 23.88 | 0.2443 |
| **78** | 30 | 15 | 650000 | 3750 | CP-OFDM 16 QAM | 1@1 | 22.77 | 21.95 | 25.39 | 23.19 | 0.2084 |
| **78** | 30 | 15 | 652832 | 3792.48 | CP-OFDM QPSK | 1@1 | 23.32 | 22.82 | 26.09 | 23.89 | 0.2449 |
| **78** | 30 | 15 | 652832 | 3792.48 | CP-OFDM 16 QAM | 1@1 | 22.93 | 21.93 | 25.47 | 23.27 | 0.2123 |
| **78** | 30 | 20 | 647334 | 3710.01 | CP-OFDM QPSK | 1@1 | 23.32 | 22.72 | 26.04 | 23.84 | 0.2421 |
| **78** | 30 | 20 | 647334 | 3710.01 | CP-OFDM 16 QAM | 1@1 | 22.66 | 21.94 | 25.33 | 23.13 | 0.2056 |
| **78** | 30 | 20 | 650000 | 3750 | CP-OFDM QPSK | 1@1 | 23.23 | 22.63 | 25.95 | 23.75 | 0.2371 |
| **78** | 30 | 20 | 650000 | 3750 | CP-OFDM 16 QAM | 1@1 | 22.64 | 21.88 | 25.29 | 23.09 | 0.2037 |
| **78** | 30 | 20 | 652666 | 3789.99 | CP-OFDM QPSK | 1@1 | 23.28 | 22.82 | 26.07 | 23.87 | 0.2438 |
| **78** | 30 | 20 | 652666 | 3789.99 | CP-OFDM 16 QAM | 1@1 | 22.75 | 21.84 | 25.33 | 23.13 | 0.2056 |
| 78 | 30 | 25 | 647500 | 3712.5 | CP-OFDM QPSK | 1@1 | 23.2 | 22.88 | 26.05 | 23.85 | 0.2427 |
| 78 | 30 | 25 | 647500 | 3712.5 | CP-OFDM 16 QAM | 1@1 | 22.53 | 21.89 | 25.23 | 23.03 | 0.2009 |
| 78 | 30 | 25 | 650000 | 3750 | CP-OFDM QPSK | 1@1 | 23.23 | 22.75 | 26.01 | 23.81 | 0.2404 |
| 78 | 30 | 25 | 650000 | 3750 | CP-OFDM 16 QAM | 1@1 | 22.81 | 21.98 | 25.43 | 23.23 | 0.2104 |
| 78 | 30 | 25 | 652500 | 3787.5 | CP-OFDM QPSK | 1@1 | 23.08 | 22.98 | 26.04 | 23.84 | 0.2421 |
| 78 | 30 | 25 | 652500 | 3787.5 | CP-OFDM 16 QAM | 1@1 | 22.76 | 22.01 | 25.41 | 23.21 | 0.2094 |
| **78** | 30 | 30 | 647668 | 3715.02 | CP-OFDM QPSK | 1@1 | 23.32 | 22.77 | 26.06 | 23.86 | 0.2432 |
| **78** | 30 | 30 | 647668 | 3715.02 | CP-OFDM 16 QAM | 1@1 | 22.69 | 21.93 | 25.34 | 23.14 | 0.2061 |
| **78** | 30 | 30 | 650000 | 3750 | CP-OFDM QPSK | 1@1 | 23.3 | 22.76 | 26.05 | 23.85 | 0.2427 |
| **78** | 30 | 30 | 650000 | 3750 | CP-OFDM 16 QAM | 1@1 | 22.83 | 21.96 | 25.43 | 23.23 | 0.2104 |
| **78** | 30 | 30 | 652332 | 3784.98 | CP-OFDM QPSK | 1@1 | 23.39 | 22.8 | 26.12 | 23.92 | 0.2466 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **78** | 30 | 30 | 652332 | 3784.98 | CP-OFDM 16 QAM | 1@1 | 22.97 | 22.06 | 25.55 | 23.35 | 0.2163 |
| **78** | 30 | 40 | 648000 | 3720 | CP-OFDM QPSK | 1@1 | 23.17 | 22.88 | 26.04 | 23.84 | 0.2421 |
| **78** | 30 | 40 | 648000 | 3720 | CP-OFDM 16 QAM | 1@1 | 22.74 | 21.96 | 25.38 | 23.18 | 0.2080 |
| **78** | 30 | 40 | 650000 | 3750 | CP-OFDM QPSK | 1@1 | 23.34 | 22.75 | 26.07 | 23.87 | 0.2438 |
| **78** | 30 | 40 | 650000 | 3750 | CP-OFDM 16 QAM | 1@1 | 22.79 | 21.95 | 25.40 | 23.2 | 0.2089 |
| **78** | 30 | 40 | 652000 | 3780 | CP-OFDM QPSK | 1@1 | 23.3 | 22.78 | 26.06 | 23.86 | 0.2432 |
| **78** | 30 | 40 | 652000 | 3780 | CP-OFDM 16 QAM | 1@1 | 22.84 | 21.83 | 25.37 | 23.17 | 0.2075 |
| **78** | 30 | 50 | 648334 | 3725.01 | CP-OFDM QPSK | 1@1 | 23.42 | 22.74 | 26.10 | 23.9 | 0.2455 |
| **78** | 30 | 50 | 648334 | 3725.01 | CP-OFDM 16 QAM | 1@1 | 22.75 | 21.99 | 25.40 | 23.2 | 0.2089 |
| **78** | 30 | 50 | 650000 | 3750 | CP-OFDM QPSK | 1@1 | 23.23 | 22.87 | 26.06 | 23.86 | 0.2432 |
| **78** | 30 | 50 | 650000 | 3750 | CP-OFDM 16 QAM | 1@1 | 22.93 | 22.08 | 25.54 | 23.34 | 0.2158 |
| **78** | 30 | 50 | 651666 | 3774.99 | CP-OFDM QPSK | 1@1 | 23.24 | 22.97 | 26.12 | 23.92 | 0.2466 |
| **78** | 30 | 50 | 651666 | 3774.99 | CP-OFDM 16 QAM | 1@1 | 22.97 | 22.05 | 25.54 | 23.34 | 0.2158 |
| **78** | 30 | 60 | 648668 | 3730.02 | CP-OFDM QPSK | 1@1 | 23.27 | 22.77 | 26.04 | 23.84 | 0.2421 |
| **78** | 30 | 60 | 648668 | 3730.02 | CP-OFDM 16 QAM | 1@1 | 22.63 | 21.85 | 25.27 | 23.07 | 0.2028 |
| **78** | 30 | 60 | 650000 | 3750 | CP-OFDM QPSK | 1@1 | 23.23 | 22.63 | 25.95 | 23.75 | 0.2371 |
| **78** | 30 | 60 | 650000 | 3750 | CP-OFDM 16 QAM | 1@1 | 22.66 | 21.78 | 25.25 | 23.05 | 0.2018 |
| **78** | 30 | 60 | 651332 | 3769.98 | CP-OFDM QPSK | 1@1 | 23.2 | 22.62 | 25.93 | 23.73 | 0.2360 |
| **78** | 30 | 60 | 651332 | 3769.98 | CP-OFDM 16 QAM | 1@1 | 22.61 | 21.78 | 25.23 | 23.03 | 0.2009 |
| **78** | 30 | 70 | 649000 | 3735 | CP-OFDM QPSK | 1@1 | 23.29 | 22.84 | 26.08 | 23.88 | 0.2443 |
| **78** | 30 | 70 | 649000 | 3735 | CP-OFDM 16 QAM | 1@1 | 22.69 | 21.93 | 25.34 | 23.14 | 0.2061 |
| **78** | 30 | 70 | 650000 | 3750 | CP-OFDM QPSK | 1@1 | 23.35 | 22.85 | 26.12 | 23.92 | 0.2466 |
| **78** | 30 | 70 | 650000 | 3750 | CP-OFDM 16 QAM | 1@1 | 22.78 | 22.04 | 25.44 | 23.24 | 0.2109 |
| **78** | 30 | 70 | 651000 | 3765 | CP-OFDM QPSK | 1@1 | 23.26 | 22.64 | 25.97 | 23.77 | 0.2382 |
| **78** | 30 | 70 | 651000 | 3765 | CP-OFDM 16 QAM | 1@1 | 22.68 | 21.83 | 25.29 | 23.09 | 0.2037 |
| **78** | 30 | 80 | 649334 | 3740.01 | CP-OFDM QPSK | 1@1 | 23.15 | 22.9 | 26.04 | 23.84 | 0.2421 |
| **78** | 30 | 80 | 649334 | 3740.01 | CP-OFDM 16 QAM | 1@1 | 22.89 | 21.93 | 25.45 | 23.25 | 0.2113 |
| **78** | 30 | 80 | 650000 | 3750 | CP-OFDM QPSK | 1@1 | 23.16 | 22.92 | 26.05 | 23.85 | 0.2427 |
| **78** | 30 | 80 | 650000 | 3750 | CP-OFDM 16 QAM | 1@1 | 22.67 | 21.91 | 25.32 | 23.12 | 0.2051 |
| **78** | 30 | 80 | 650666 | 3759.99 | CP-OFDM QPSK | 1@1 | 23.28 | 22.84 | 26.08 | 23.88 | 0.2443 |
| **78** | 30 | 80 | 650666 | 3759.99 | CP-OFDM 16 QAM | 1@1 | 22.72 | 21.98 | 25.38 | 23.18 | 0.2080 |
| **78** | 30 | 90 | 649668 | 3745.02 | CP-OFDM QPSK | 1@1 | 23.35 | 22.86 | 26.12 | 23.92 | 0.2466 |
| **78** | 30 | 90 | 649668 | 3745.02 | CP-OFDM 16 QAM | 1@1 | 22.76 | 21.88 | 25.35 | 23.15 | 0.2065 |
| **78** | 30 | 90 | 650000 | 3750 | CP-OFDM QPSK | 1@1 | 23.27 | 22.93 | 26.11 | 23.91 | 0.2460 |
| **78** | 30 | 90 | 650000 | 3750 | CP-OFDM 16 QAM | 1@1 | 22.82 | 22 | 25.44 | 23.24 | 0.2109 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **78** | 30 | 90 | 650332 | 3754.98 | CP-OFDM QPSK | 1@1 | 23.19 | 22.99 | 26.10 | 23.9 | 0.2455 |
| **78** | 30 | 90 | 650332 | 3754.98 | CP-OFDM 16 QAM | 1@1 | 22.73 | 22.01 | 25.40 | 23.2 | 0.2089 |
| **78** | 30 | 100 | 650000 | 3750 | CP-OFDM QPSK | 137@68 | 23.14 | 22.53 | 25.86 | 23.66 | 0.2323 |
| **78** | 30 | 100 | 650000 | 3750 | CP-OFDM QPSK | 1@1 | 23.32 | 22.87 | 26.11 | 23.91 | 0.2460 |
| **78** | 30 | 100 | 650000 | 3750 | CP-OFDM QPSK | 1@271 | 23.33 | 22.91 | 26.14 | 23.94 | 0.2477 |
| **78** | 30 | 100 | 650000 | 3750 | CP-OFDM 16 QAM | 137@68 | 22.66 | 22.12 | 25.41 | 23.21 | 0.2094 |
| **78** | 30 | 100 | 650000 | 3750 | CP-OFDM 16 QAM | 1@1 | 22.6 | 22.06 | 25.35 | 23.15 | 0.2065 |
| **78** | 30 | 100 | 650000 | 3750 | CP-OFDM 16 QAM | 1@271 | 22.81 | 22.12 | 25.49 | 23.29 | 0.2133 |
| **78** | 30 | 100 | 650000 | 3750 | CP-OFDM 64 QAM | 137@68 | 21.08 | 20.53 | 23.82 | 21.62 | 0.1452 |
| **78** | 30 | 100 | 650000 | 3750 | CP-OFDM 64 QAM | 1@1 | 21.15 | 20.33 | 23.77 | 21.57 | 0.1435 |
| **78** | 30 | 100 | 650000 | 3750 | CP-OFDM 64 QAM | 1@271 | 21.42 | 20.56 | 24.02 | 21.82 | 0.1521 |
| **78** | 30 | 100 | 650000 | 3750 | CP-OFDM 256 QAM | 137@68 | 18.3 | 18.21 | 21.27 | 19.07 | 0.0807 |
| **78** | 30 | 100 | 650000 | 3750 | CP-OFDM 256 QAM | 1@1 | 17.99 | 17.56 | 20.79 | 18.59 | 0.0723 |
| **78** | 30 | 100 | 650000 | 3750 | CP-OFDM 256 QAM | 1@271 | 18.22 | 17.89 | 21.07 | 18.87 | 0.0771 |

# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

| Test Engineer : | Shunping You | Temperature : | 22~25℃ |
|---|---|---|---|
| | | Relative Humidity : | 48~52% |

**RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.**

| n77 UL MIMO / NR 100+100MHz / QPSK(ANT4+8) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA. Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle | 7582.90 | -56.91 | -13 | -43.91 | -45.69 | -55.57 | 8.30 | 11.60 | H |
| | 11374.35 | -52.80 | -13 | -39.80 | -69.53 | -58.51 | 10.48 | 12.00 | H |
| | 15165.80 | -50.95 | -13 | -37.95 | -69.43 | -61.02 | 11.80 | 13.50 | H |
| | 7582.90 | -57.10 | -13 | -44.10 | -39.74 | -55.72 | 8.30 | 11.60 | V |
| | 11374.35 | -53.12 | -13 | -40.12 | -68.79 | -58.56 | 10.48 | 12.00 | V |
| | 15165.80 | -51.59 | -13 | -38.59 | -70.05 | -61.01 | 11.80 | 13.50 | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.