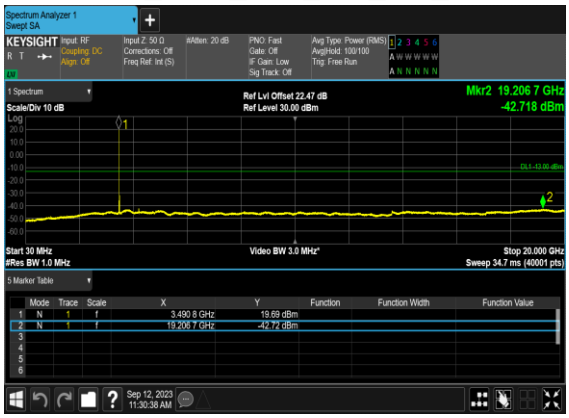
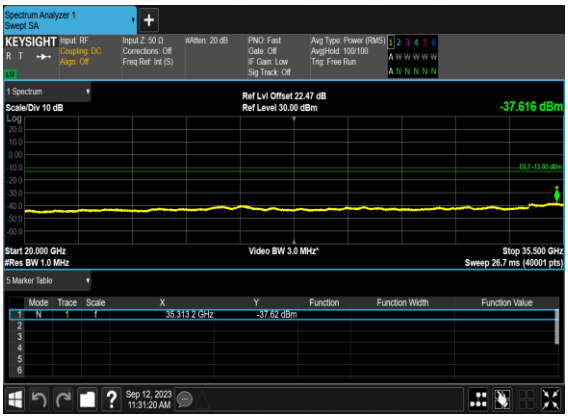
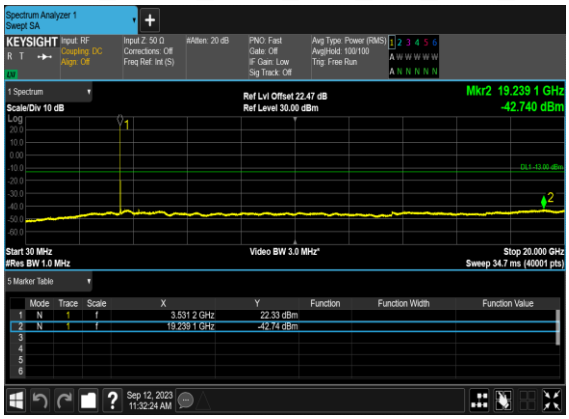
N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



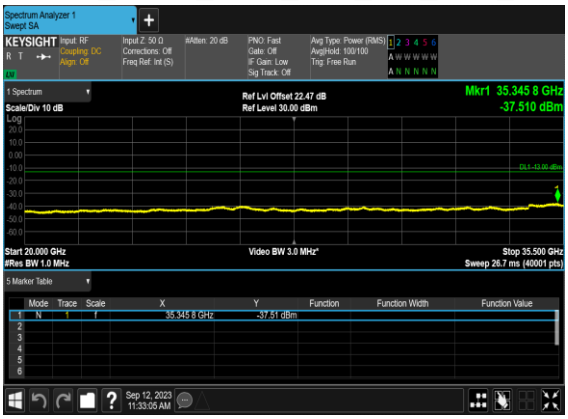

N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



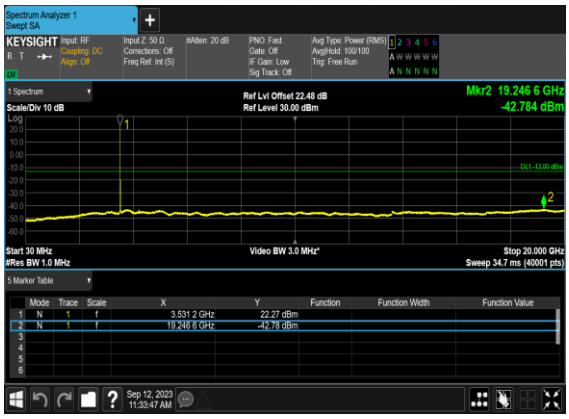

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



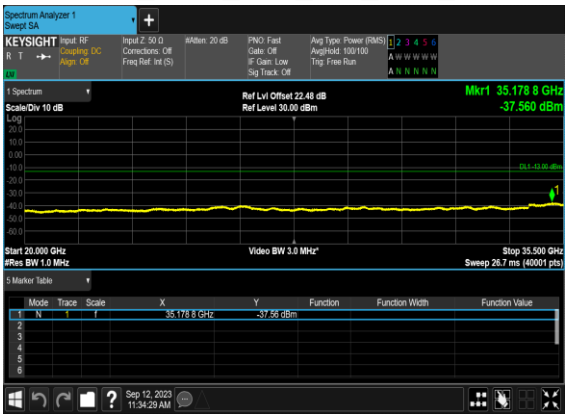

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



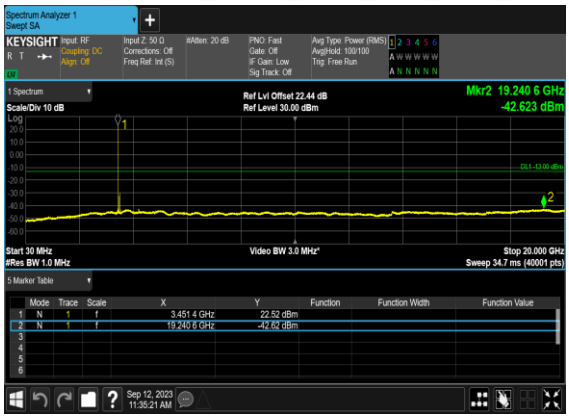

N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



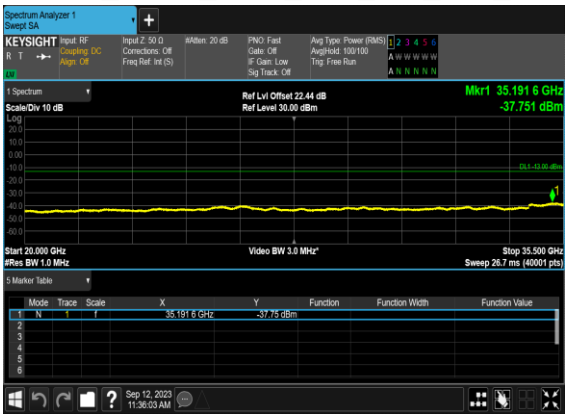

N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



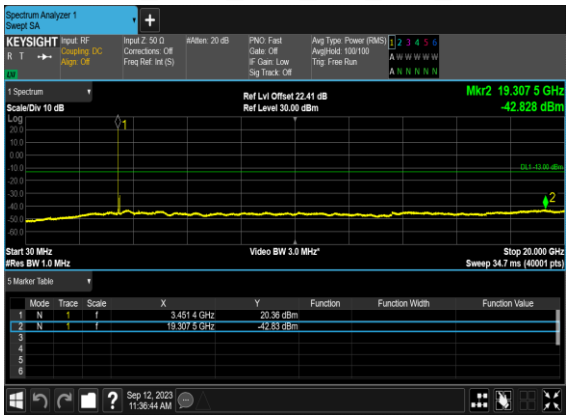
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



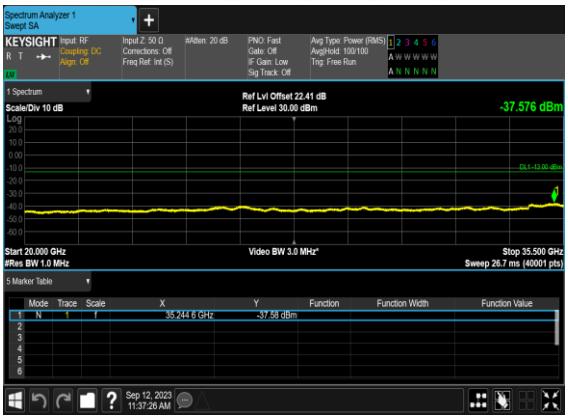

N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



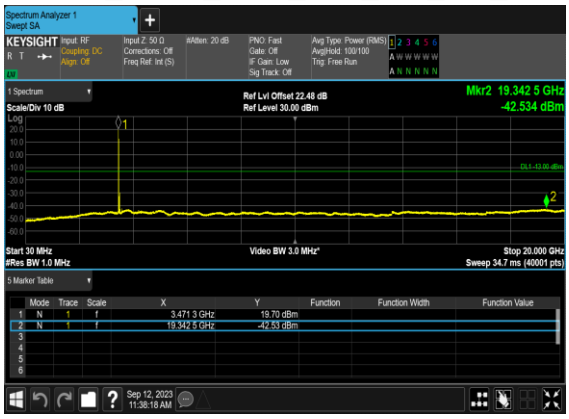

N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



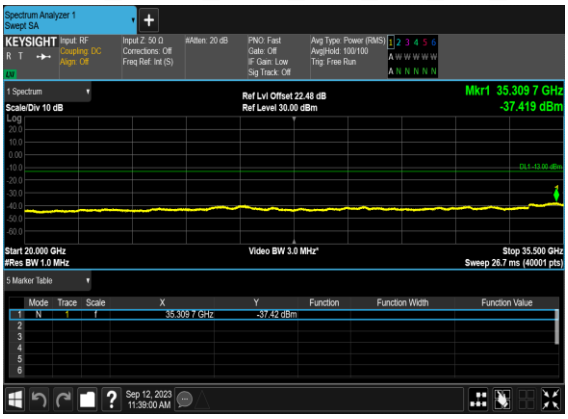

N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



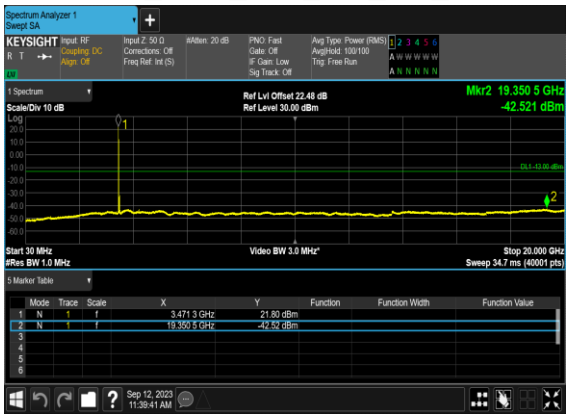

N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



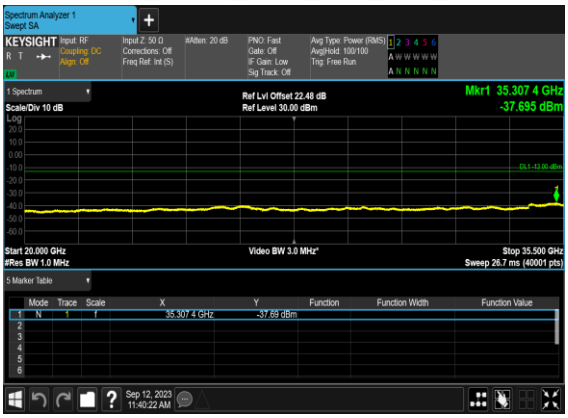

N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



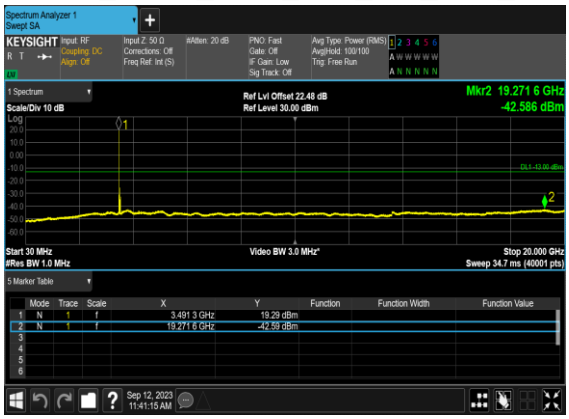
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



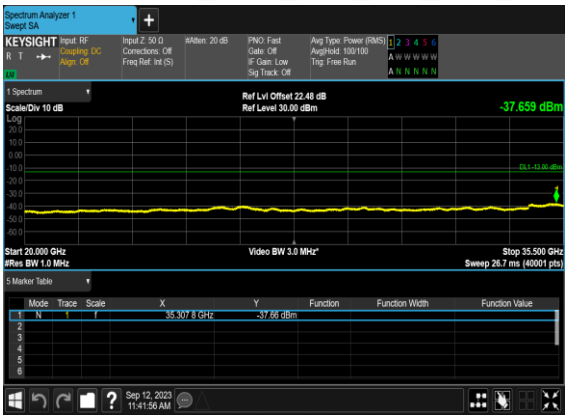

N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



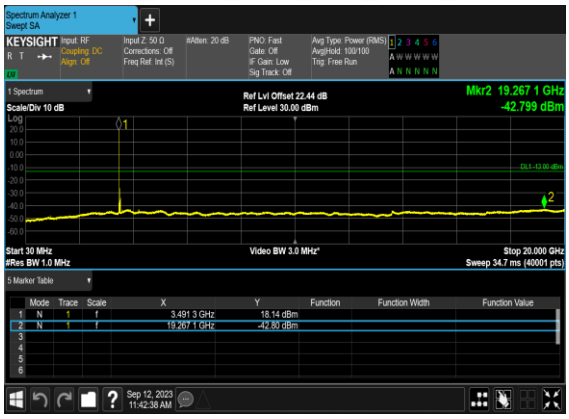

N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



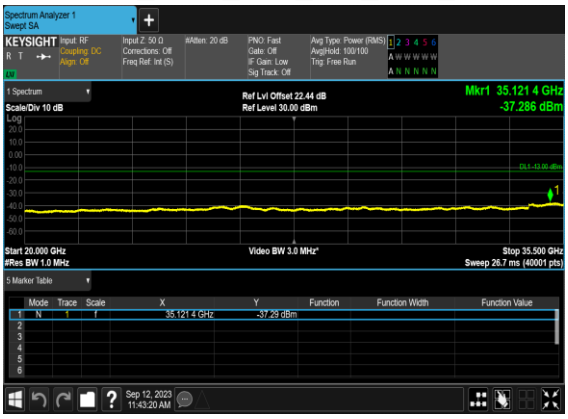

N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



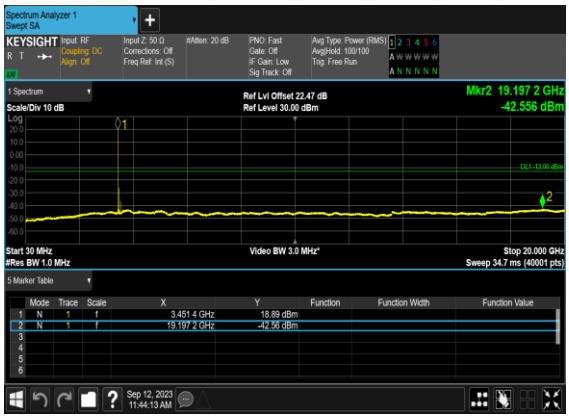

N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



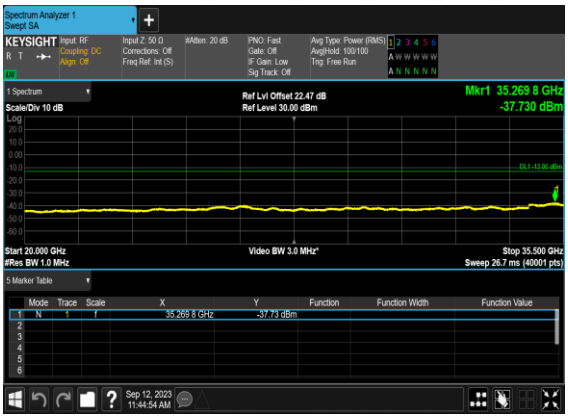

N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



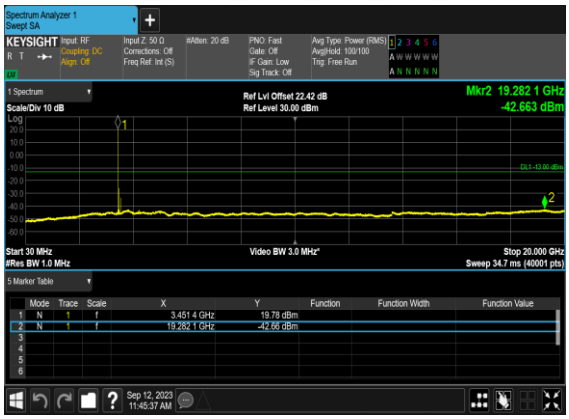
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



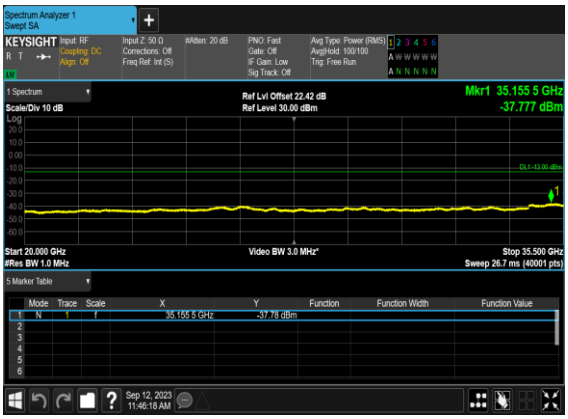

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH




N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



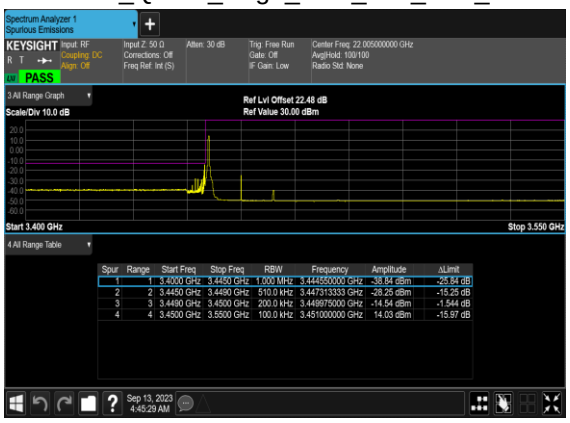

N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



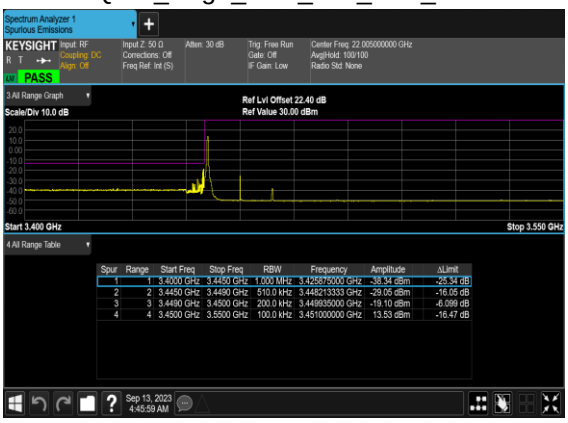
## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 51@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM 16 QAM | 51@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM QPSK | 1@50 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM 16 QAM | 1@50 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM QPSK | 51@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM 16 QAM | 51@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM QPSK | 162@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM 16 QAM | 162@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM QPSK | 1@161 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM 16 QAM | 1@161 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM QPSK | 162@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM 16 QAM | 162@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@272 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@272 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 273@0 | see graph | **PASS** |

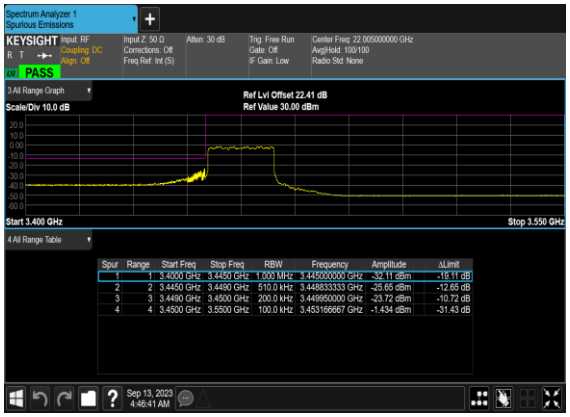
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



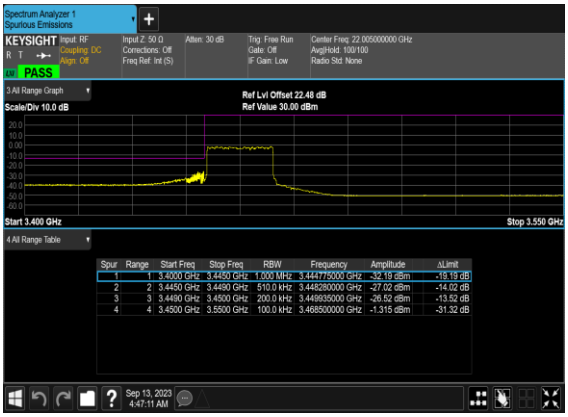

N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



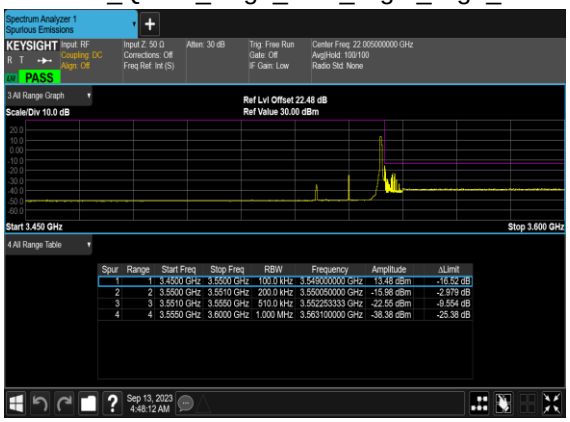

N77(20M)_CP-OFDM_QPSK_Outer_Full_Low_CH



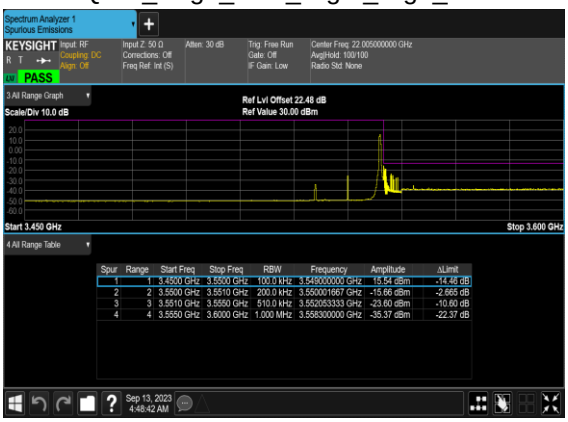

N77(20M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



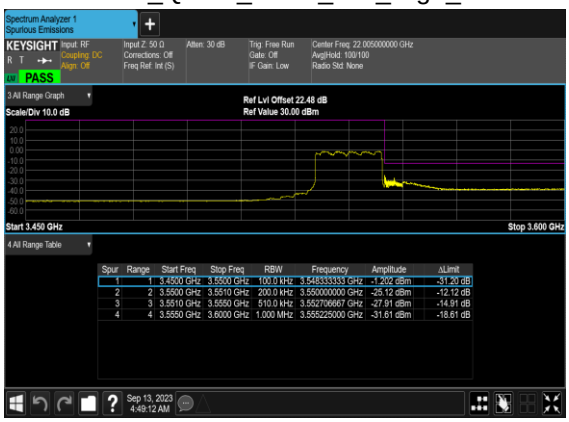

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH




N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH

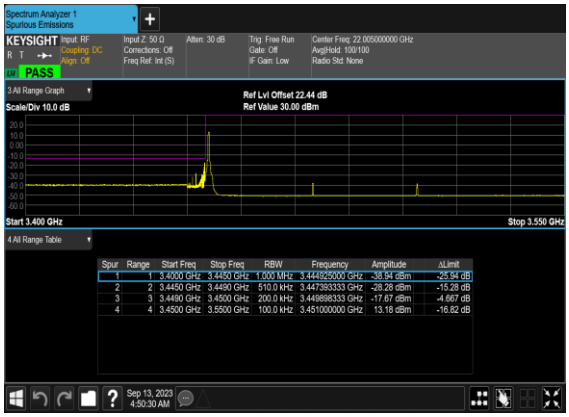


N77(20M)_CP-OFDM_QPSK_Outer_Full_High_CH

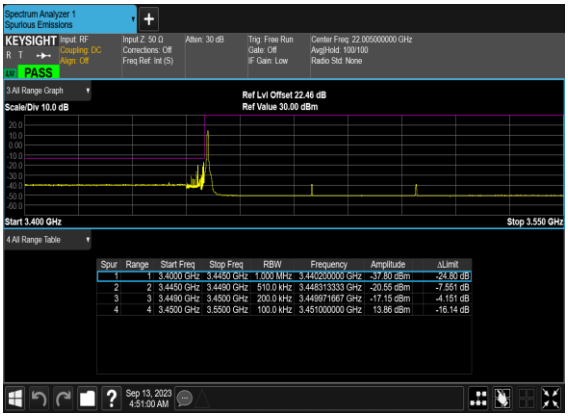



N77(20M)_CP-OFDM_16 QAM_Outer_Full_High_CH

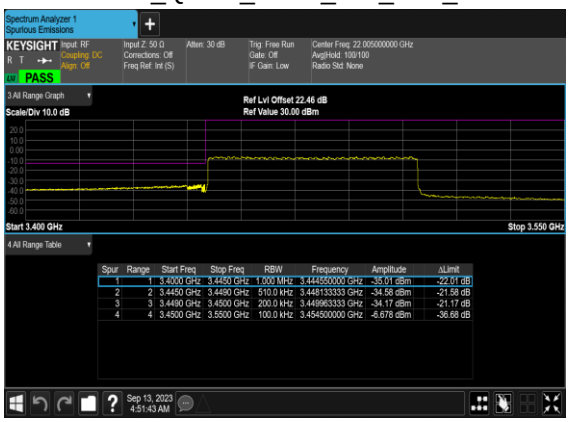

N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



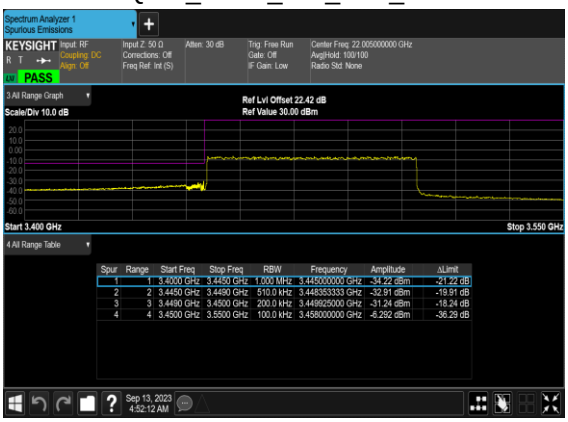

N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH




N77(60M)_CP-OFDM_QPSK_Outer_Full_Low_CH



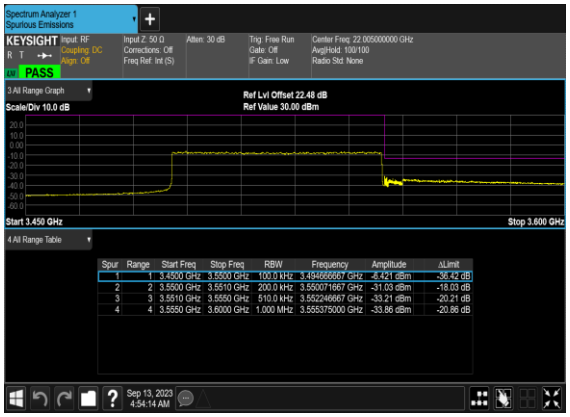

N77(60M)_CP-OFDM_16 QAM_Outer_Full_Low_CH



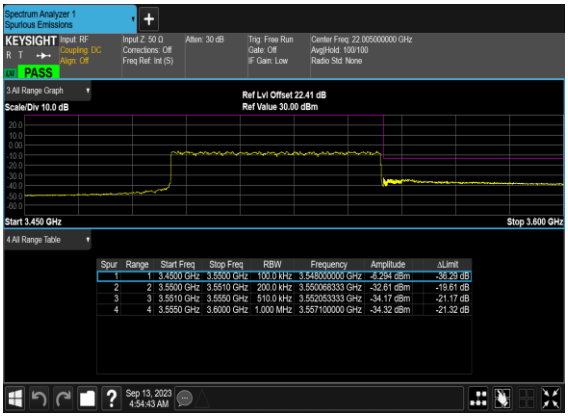
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH


N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Right_High_CH

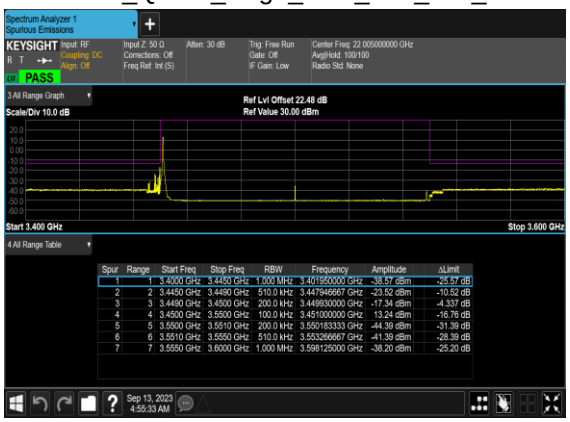

N77(60M)_CP-OFDM_QPSK_Outer_Full_High_CH



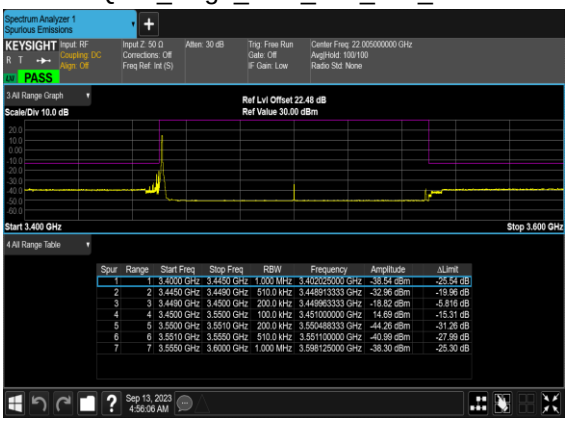

N77(60M)_CP-OFDM_16 QAM_Outer_Full_High_CH



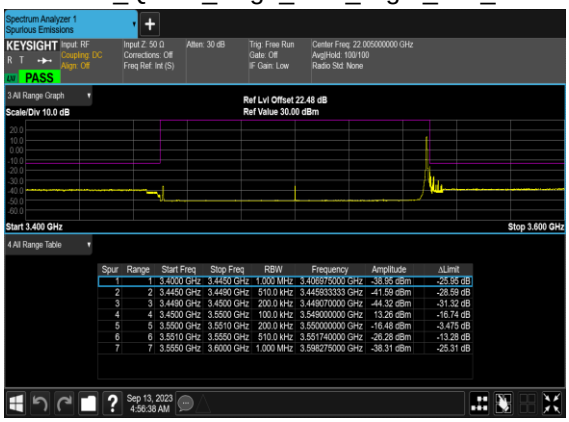

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



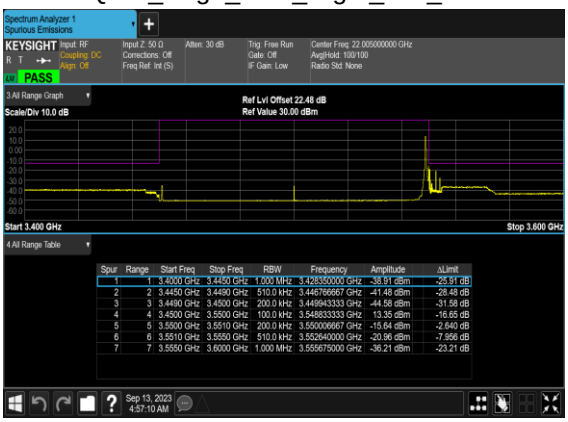

N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



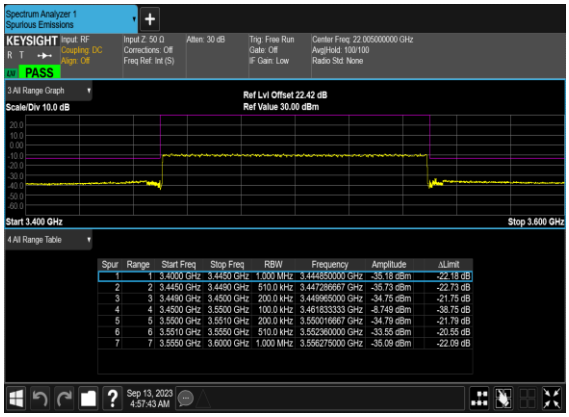
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Right_Mid_CH



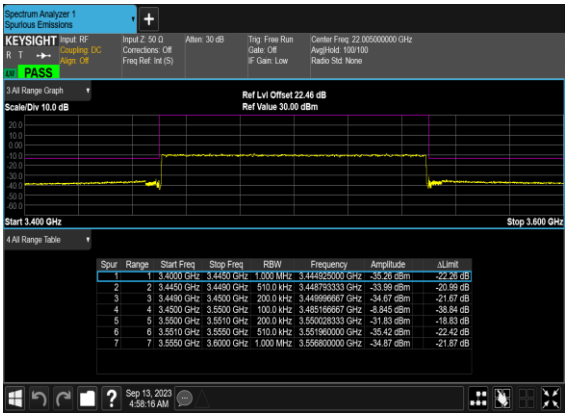

N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Right_Mid_CH




N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH




N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



Software Version: 23.06.1602

# FR1 N77 MIMO_ANT8

## Transmitter Conducted Output Power And EIRP, (GT - LC)=-1.2dB

| NR Band | SCS | Band Width | Arfcn | Freq (MHz) | Modulation | RB | ANT5 Power(dBm) | ANT8 Power(dBm) | Conducted Power(dBm) | EIRP (dBm) | EIRP(W) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 137@68 | 20.43 | 20.63 | 23.54 | 22.34 | 0.1715 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.39 | 21.21 | 23.98 | 22.78 | 0.1897 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@271 | 20.19 | 20.45 | 23.33 | 22.13 | 0.1634 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 137@68 | 19.96 | 20.18 | 23.08 | 21.88 | 0.1542 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.93 | 20.48 | 23.22 | 22.02 | 0.1594 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@271 | 19.88 | 19.79 | 22.85 | 21.65 | 0.1461 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 64 QAM | 137@68 | 18.43 | 18.64 | 21.55 | 20.35 | 0.1083 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 64 QAM | 1@1 | 18.48 | 18.93 | 21.72 | 20.52 | 0.1127 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 64 QAM | 1@271 | 18.17 | 18.12 | 21.16 | 19.96 | 0.0990 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 256 QAM | 137@68 | 15.42 | 15.67 | 18.56 | 17.36 | 0.0544 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 256 QAM | 1@1 | 15.35 | 16.22 | 18.82 | 17.62 | 0.0578 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM 256 QAM | 1@271 | 15.12 | 15.41 | 18.28 | 17.08 | 0.0510 |
| 77 | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 1@1 | 20.49 | 21.23 | 23.89 | 22.69 | 0.1856 |
| 77 | 30 | 20 | 630668 | 3460.02 | CP-OFDM 16 QAM | 1@1 | 19.97 | 20.23 | 23.11 | 21.91 | 0.1553 |
| 77 | 30 | 20 | 630668 | 3460.02 | CP-OFDM 64 QAM | 1@1 | 18.42 | 18.73 | 21.59 | 20.39 | 0.1093 |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.54 | 20.96 | 23.77 | 22.57 | 0.1805 |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.87 | 20.42 | 23.16 | 21.96 | 0.1572 |
| 77 | 30 | 20 | 633334 | 3500.01 | CP-OFDM 64 QAM | 1@1 | 18.42 | 18.76 | 21.60 | 20.40 | 0.1097 |
| 77 | 30 | 20 | 636000 | 3540 | CP-OFDM QPSK | 1@1 | 20.58 | 21.13 | 23.87 | 22.67 | 0.1851 |
| 77 | 30 | 20 | 636000 | 3540 | CP-OFDM 16 QAM | 1@1 | 19.76 | 20.32 | 23.06 | 21.86 | 0.1534 |
| 77 | 30 | 20 | 636000 | 3540 | CP-OFDM 64 QAM | 1@1 | 18.38 | 18.72 | 21.56 | 20.36 | 0.1087 |
| 77 | 30 | 30 | 631000 | 3465 | CP-OFDM QPSK | 1@1 | 20.56 | 21.3 | 23.96 | 22.76 | 0.1886 |
| 77 | 30 | 30 | 631000 | 3465 | CP-OFDM 16 QAM | 1@1 | 19.54 | 20.46 | 23.03 | 21.83 | 0.1526 |
| 77 | 30 | 30 | 631000 | 3465 | CP-OFDM 64 QAM | 1@1 | 18.37 | 18.65 | 21.52 | 20.32 | 0.1077 |
| 77 | 30 | 30 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.67 | 21.11 | 23.91 | 22.71 | 0.1865 |
| 77 | 30 | 30 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.74 | 20.32 | 23.05 | 21.85 | 0.1531 |
| 77 | 30 | 30 | 633334 | 3500.01 | CP-OFDM 64 QAM | 1@1 | 18.24 | 18.63 | 21.45 | 20.25 | 0.1059 |
| 77 | 30 | 30 | 635666 | 3534.99 | CP-OFDM QPSK | 1@1 | 20.69 | 21.24 | 23.94 | 22.74 | 0.1879 |
| 77 | 30 | 30 | 635666 | 3534.99 | CP-OFDM 16 QAM | 1@1 | 19.72 | 20.22 | 22.99 | 21.79 | 0.1509 |
| 77 | 30 | 30 | 635666 | 3534.99 | CP-OFDM 64 QAM | 1@1 | 18.32 | 18.54 | 21.44 | 20.24 | 0.1057 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 77 | 30 | 40 | 631334 | 3470.01 | CP-OFDM QPSK | 1@1 | 20.62 | 21.3 | 23.95 | 22.75 | 0.1884 |
| 77 | 30 | 40 | 631334 | 3470.01 | CP-OFDM 16 QAM | 1@1 | 19.93 | 20.48 | 23.22 | 22.02 | 0.1594 |
| 77 | 30 | 40 | 631334 | 3470.01 | CP-OFDM 64 QAM | 1@1 | 18.27 | 18.64 | 21.47 | 20.27 | 0.1064 |
| 77 | 30 | 40 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.68 | 21.21 | 23.96 | 22.76 | 0.1889 |
| 77 | 30 | 40 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.28 | 20.38 | 22.88 | 21.68 | 0.1471 |
| 77 | 30 | 40 | 633334 | 3500.01 | CP-OFDM 64 QAM | 1@1 | 18.42 | 18.97 | 21.71 | 20.51 | 0.1126 |
| 77 | 30 | 40 | 635332 | 3529.98 | CP-OFDM QPSK | 1@1 | 20.8 | 21.09 | 23.96 | 22.76 | 0.1887 |
| 77 | 30 | 40 | 635332 | 3529.98 | CP-OFDM 16 QAM | 1@1 | 19.64 | 20.32 | 23.00 | 21.80 | 0.1515 |
| 77 | 30 | 40 | 635332 | 3529.98 | CP-OFDM 64 QAM | 1@1 | 18.32 | 18.54 | 21.44 | 20.24 | 0.1057 |
| 77 | 30 | 60 | 632000 | 3480 | CP-OFDM QPSK | 1@1 | 20.48 | 21.15 | 23.84 | 22.64 | 0.1836 |
| 77 | 30 | 60 | 632000 | 3480 | CP-OFDM 16 QAM | 1@1 | 19.87 | 20.22 | 23.06 | 21.86 | 0.1534 |
| 77 | 30 | 60 | 632000 | 3480 | CP-OFDM 64 QAM | 1@1 | 18.27 | 18.64 | 21.47 | 20.27 | 0.1064 |
| 77 | 30 | 60 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.55 | 21.17 | 23.88 | 22.68 | 0.1854 |
| 77 | 30 | 60 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.65 | 20.32 | 23.01 | 21.81 | 0.1516 |
| 77 | 30 | 60 | 633334 | 3500.01 | CP-OFDM 64 QAM | 1@1 | 18.34 | 18.42 | 21.39 | 20.19 | 0.1045 |
| 77 | 30 | 60 | 634666 | 3519.99 | CP-OFDM QPSK | 1@1 | 20.66 | 21.01 | 23.85 | 22.65 | 0.1840 |
| 77 | 30 | 60 | 634666 | 3519.99 | CP-OFDM 16 QAM | 1@1 | 19.73 | 20.36 | 23.07 | 21.87 | 0.1537 |
| 77 | 30 | 60 | 634666 | 3519.99 | CP-OFDM 64 QAM | 1@1 | 18.28 | 18.64 | 21.47 | 20.27 | 0.1065 |
| 77 | 30 | 80 | 632668 | 3490.02 | CP-OFDM QPSK | 1@1 | 20.49 | 21.2 | 23.87 | 22.67 | 0.1849 |
| 77 | 30 | 80 | 632668 | 3490.02 | CP-OFDM 16 QAM | 1@1 | 19.67 | 20.15 | 22.93 | 21.73 | 0.1488 |
| 77 | 30 | 80 | 632668 | 3490.02 | CP-OFDM 64 QAM | 1@1 | 18.43 | 18.67 | 21.56 | 20.36 | 0.1087 |
| 77 | 30 | 80 | 633334 | 3500.01 | CP-OFDM QPSK | 1@1 | 20.45 | 21.17 | 23.84 | 22.64 | 0.1835 |
| 77 | 30 | 80 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@1 | 19.82 | 20.54 | 23.21 | 22.01 | 0.1587 |
| 77 | 30 | 80 | 633334 | 3500.01 | CP-OFDM 64 QAM | 1@1 | 18.11 | 18.35 | 21.24 | 20.04 | 0.1010 |
| 77 | 30 | 80 | 634000 | 3510 | CP-OFDM QPSK | 1@1 | 20.5 | 21.23 | 23.89 | 22.69 | 0.1858 |
| 77 | 30 | 80 | 634000 | 3510 | CP-OFDM 16 QAM | 1@1 | 19.82 | 20.32 | 23.09 | 21.89 | 0.1544 |
| 77 | 30 | 80 | 634000 | 3510 | CP-OFDM 64 QAM | 1@1 | 18.32 | 18.42 | 21.38 | 20.18 | 0.1042 |

## Frequency Stability

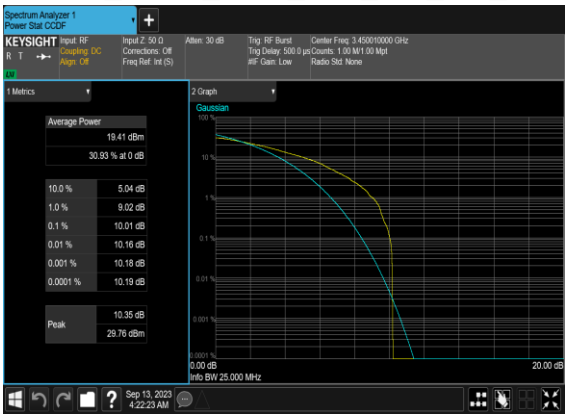
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Deviation (ppm) | Verdict | Environment |
|---|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 0.0014 | **PASS** | NV |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 0.0016 | **PASS** | LV |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | -0.0021 | **PASS** | HV |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | -0.0019 | **PASS** | -30℃ |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 0.0032 | **PASS** | -20℃ |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 0.0024 | **PASS** | -10℃ |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 0.0009 | **PASS** | 0℃ |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 0.0011 | **PASS** | 10℃ |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 0.0015 | **PASS** | 20℃ |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 0.0026 | **PASS** | 30℃ |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | -0.0019 | **PASS** | 40℃ |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 0.0021 | **PASS** | 50℃ |

## Peak to Average Ratio

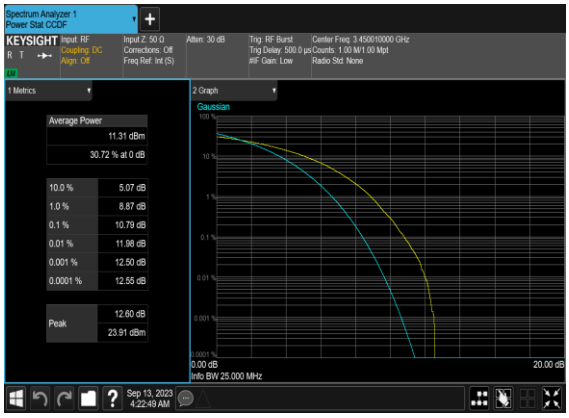
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result (dB) | Limit (dB) | Verdict |
|---|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 10.71 | 13 | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | 10.01 | 13 | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 273@0 | 10.79 | 13 | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@0 | 10.52 | 13 | **PASS** |

N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

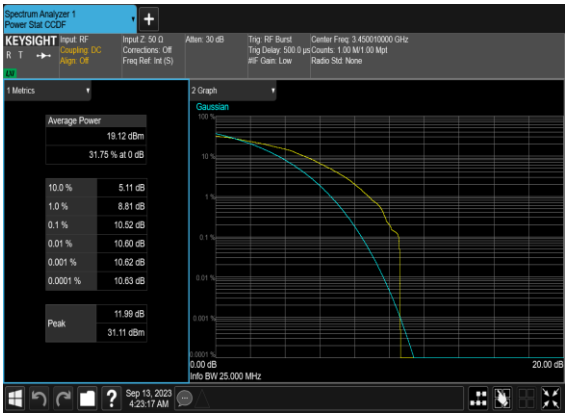

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH




N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



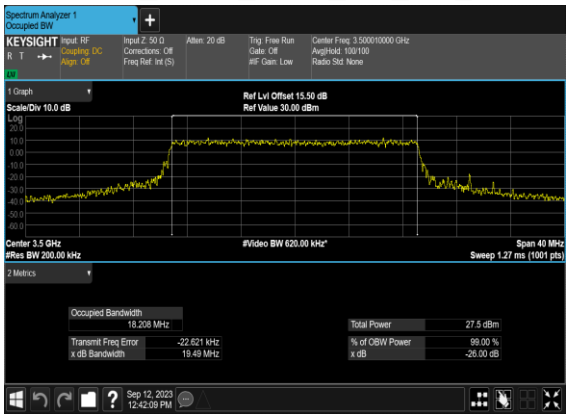

N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



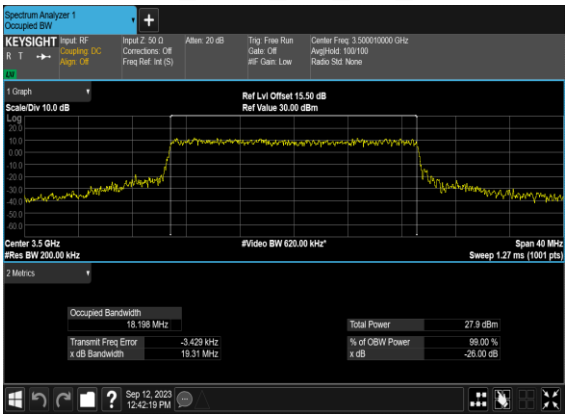
## Occupied Bandwidth

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | OBW (MHz) | 26dB BW (MHz) |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 51@0 | 18.208 | 19.49 |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM 16 QAM | 51@0 | 18.198 | 19.31 |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM 64 QAM | 51@0 | 18.251 | 19.1 |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM 256 QAM | 51@0 | 18.235 | 19.09 |
| **77** | 30 | 30 | 633334 | 3500.01 | CP-OFDM QPSK | 78@0 | 27.844 | 29.05 |
| **77** | 30 | 30 | 633334 | 3500.01 | CP-OFDM 16 QAM | 78@0 | 27.808 | 32.01 |
| **77** | 30 | 30 | 633334 | 3500.01 | CP-OFDM 64 QAM | 78@0 | 27.918 | 29.02 |
| **77** | 30 | 30 | 633334 | 3500.01 | CP-OFDM 256 QAM | 78@0 | 27.799 | 29.12 |
| **77** | 30 | 40 | 633334 | 3500.01 | CP-OFDM QPSK | 106@0 | 37.847 | 39.64 |
| **77** | 30 | 40 | 633334 | 3500.01 | CP-OFDM 16 QAM | 106@0 | 37.752 | 41.95 |
| **77** | 30 | 40 | 633334 | 3500.01 | CP-OFDM 64 QAM | 106@0 | 37.818 | 39.44 |
| **77** | 30 | 40 | 633334 | 3500.01 | CP-OFDM 256 QAM | 106@0 | 37.817 | 39.2 |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM QPSK | 162@0 | 57.909 | 59.89 |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM 16 QAM | 162@0 | 57.815 | 60.07 |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM 64 QAM | 162@0 | 57.829 | 60.98 |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM 256 QAM | 162@0 | 58.016 | 59.88 |
| **77** | 30 | 80 | 633334 | 3500.01 | CP-OFDM QPSK | 217@0 | 77.425 | 82.82 |
| **77** | 30 | 80 | 633334 | 3500.01 | CP-OFDM 16 QAM | 217@0 | 77.36 | 79.96 |
| **77** | 30 | 80 | 633334 | 3500.01 | CP-OFDM 64 QAM | 217@0 | 77.748 | 81.27 |
| **77** | 30 | 80 | 633334 | 3500.01 | CP-OFDM 256 QAM | 217@0 | 77.656 | 81.79 |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | 97.194 | 100.5 |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 273@0 | 97.623 | 100.6 |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 64 QAM | 273@0 | 97.405 | 100.6 |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 256 QAM | 273@0 | 97.33 | 100.4 |

N77(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

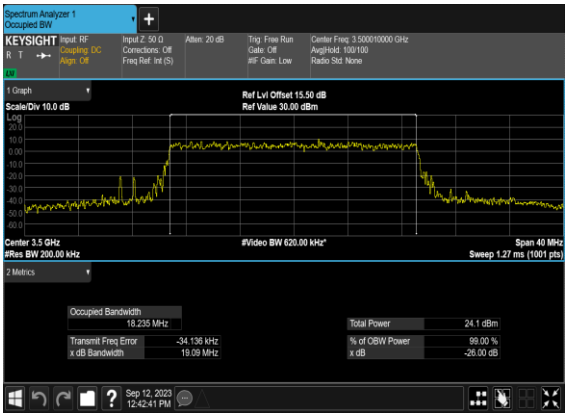



N77(20M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH




N77(20M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

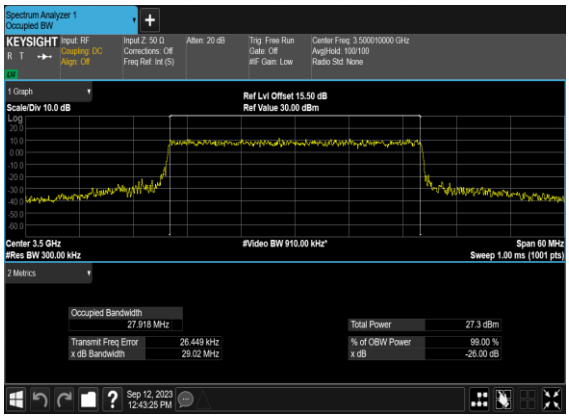

N77(20M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



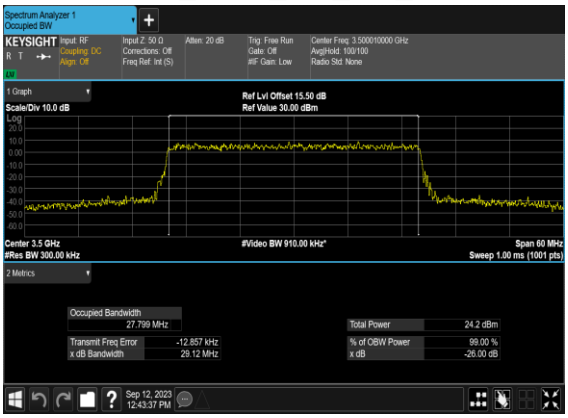

N77(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH


N77(30M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

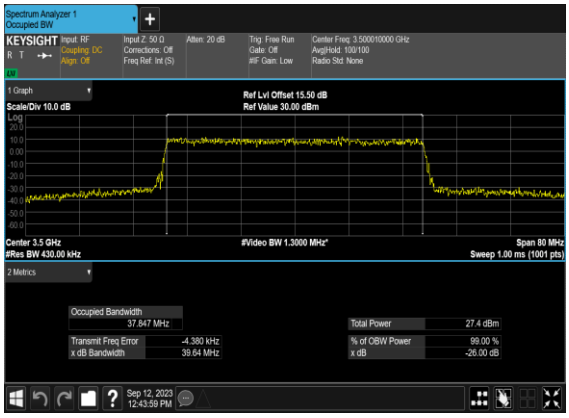
N77(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



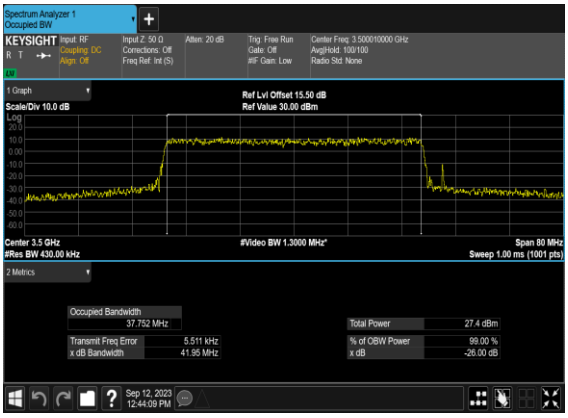

N77(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH




N77(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

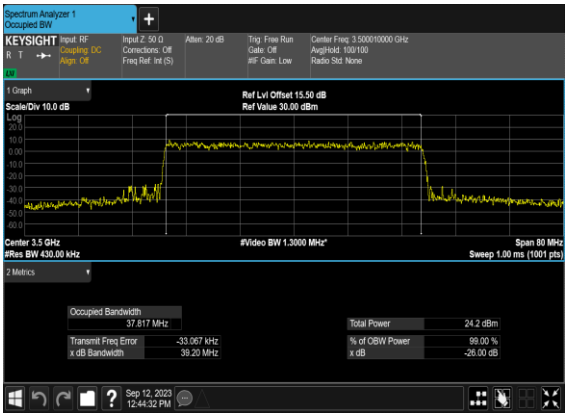



N77(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

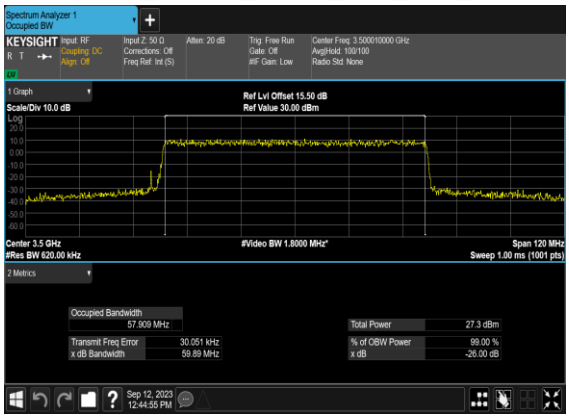



N77(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

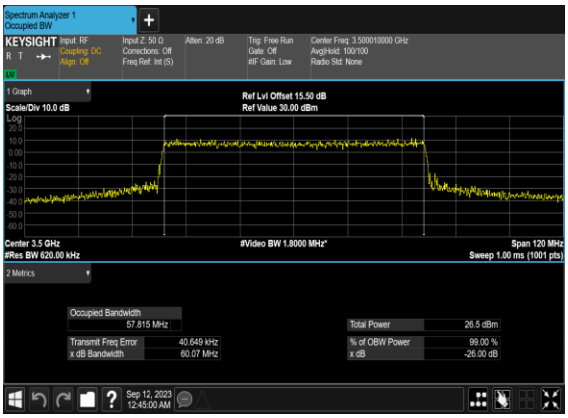

N77(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



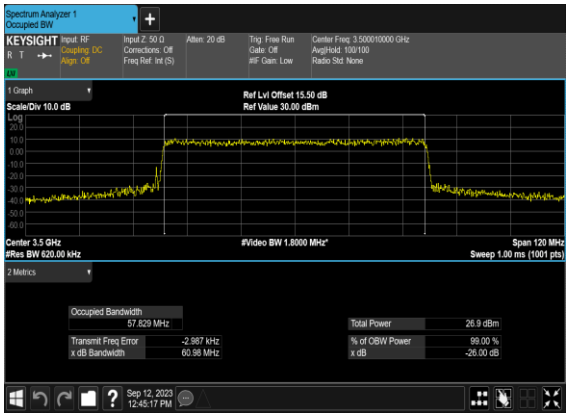
N77(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



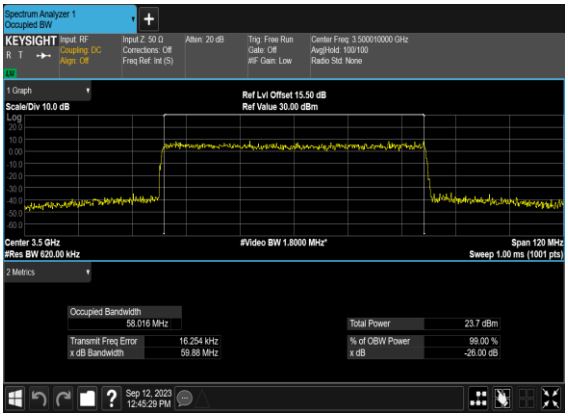

N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



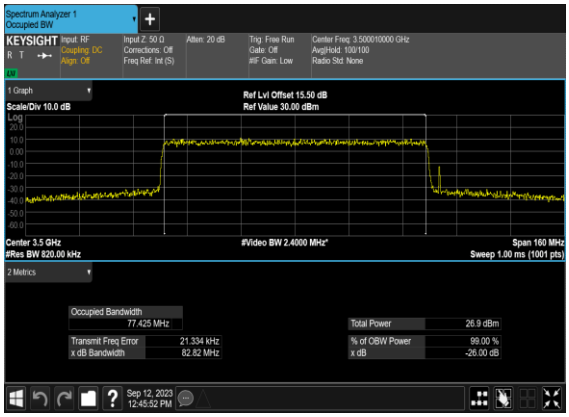

N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



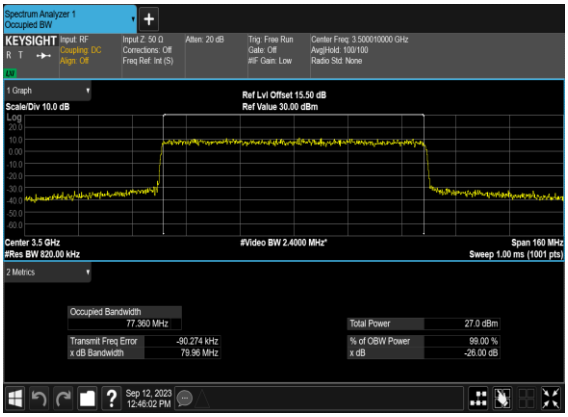

N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



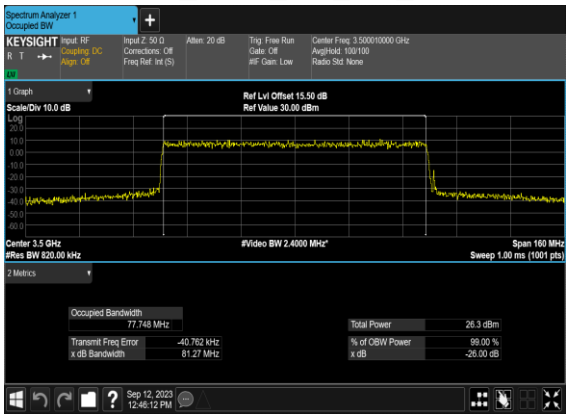

N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



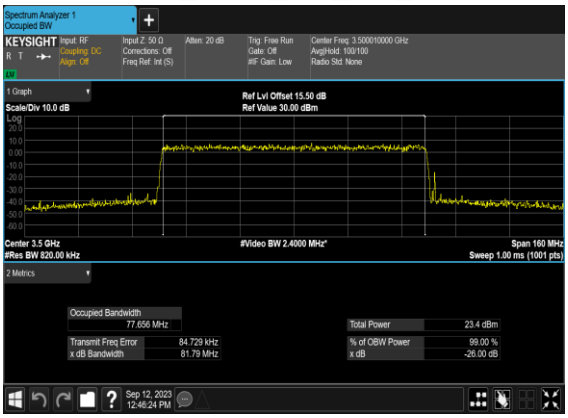

N77(80M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(80M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

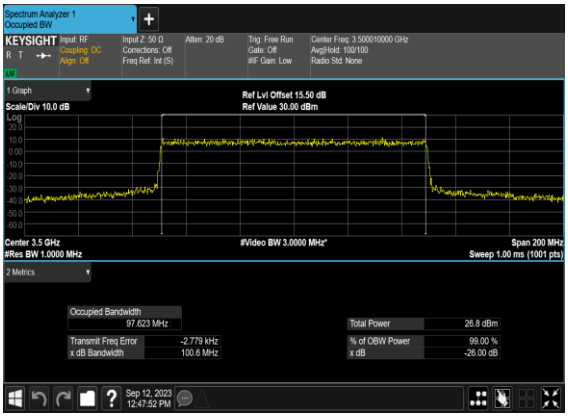



N77(80M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



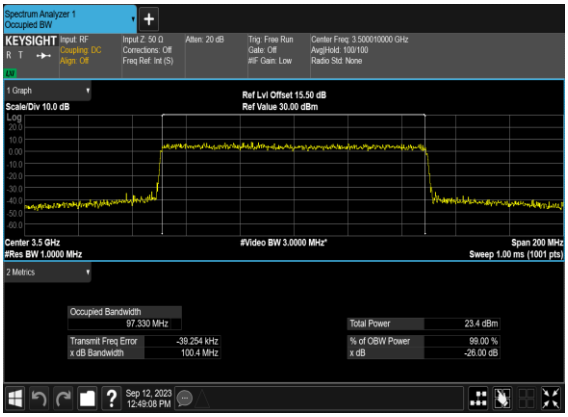

N77(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH


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

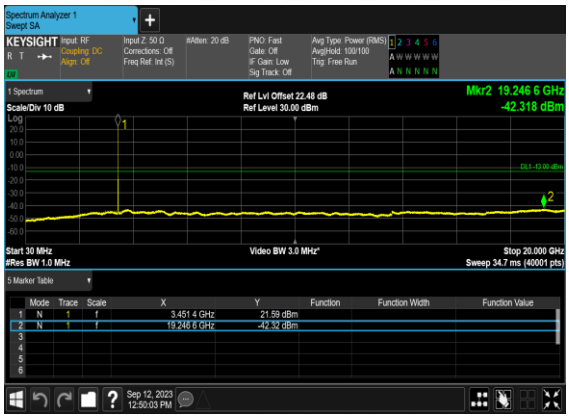


## Conducted Spurious Emissions

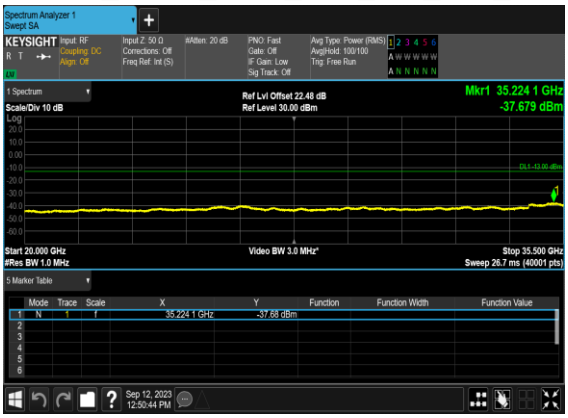
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM 16 QAM | 1@0 | see graph | **---** |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@0 | see graph | **---** |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM 16 QAM | 1@0 | see graph | **---** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM 16 QAM | 1@0 | see graph | **---** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@0 | see graph | **---** |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM 16 QAM | 1@0 | see graph | **---** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | see graph | **---** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@0 | see graph | **---** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |

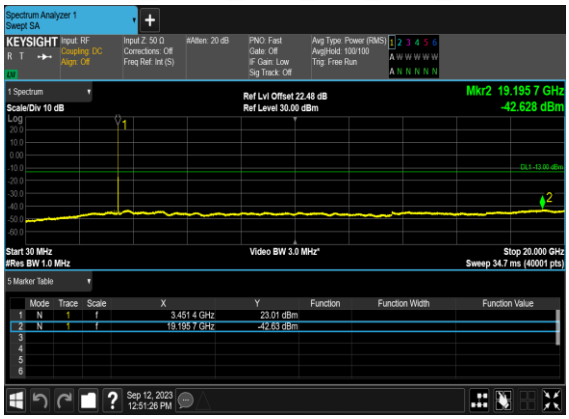
N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



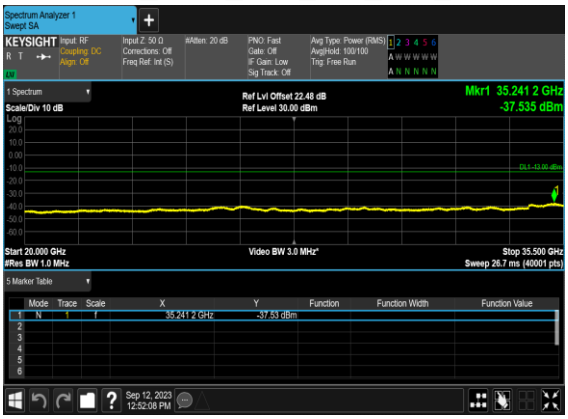

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



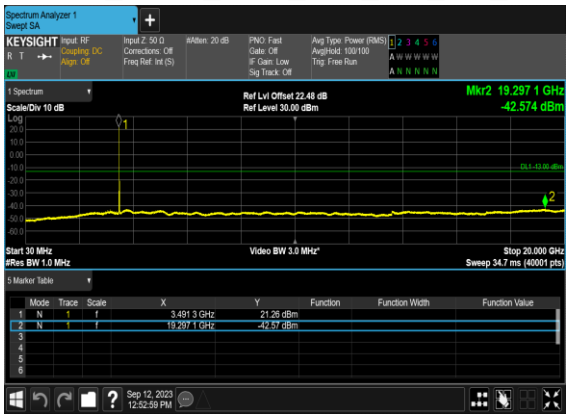

N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



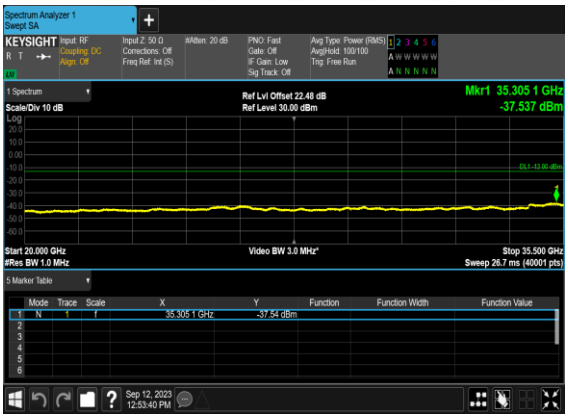

N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



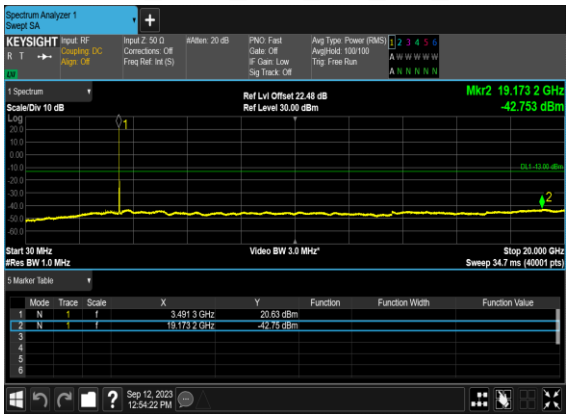

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



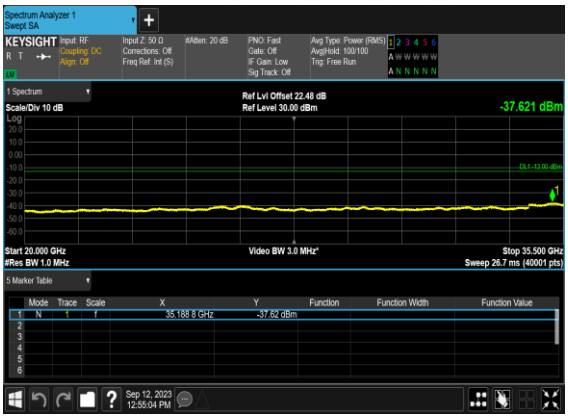

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



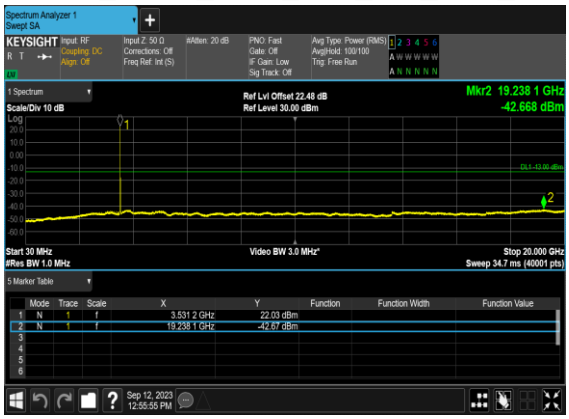
N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



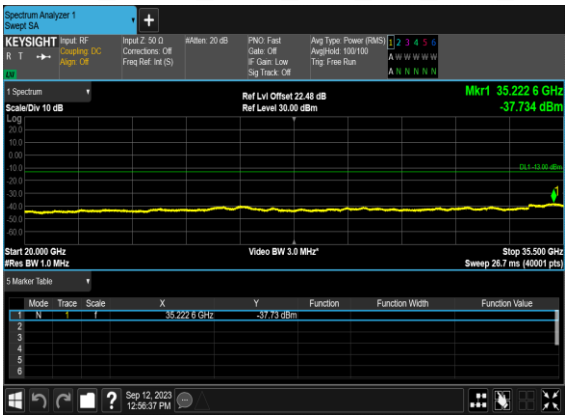

N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



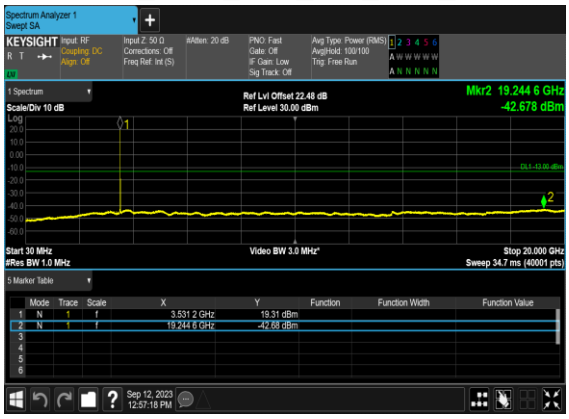

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



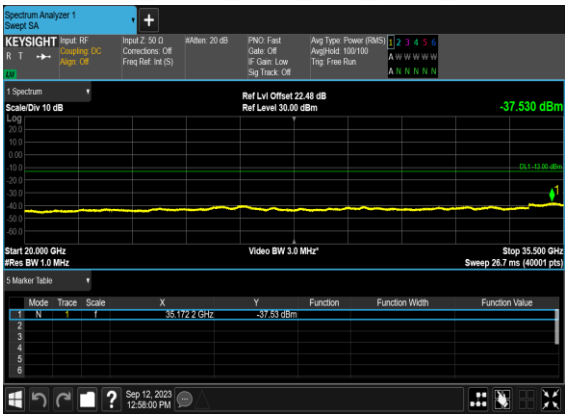

N77(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



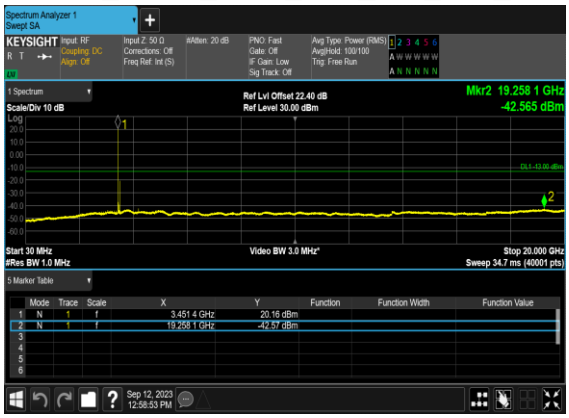

N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



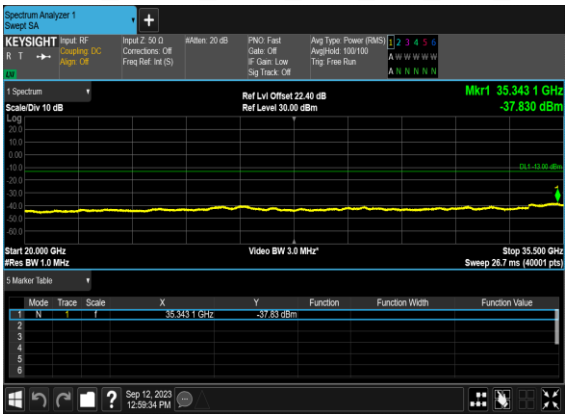

N77(20M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



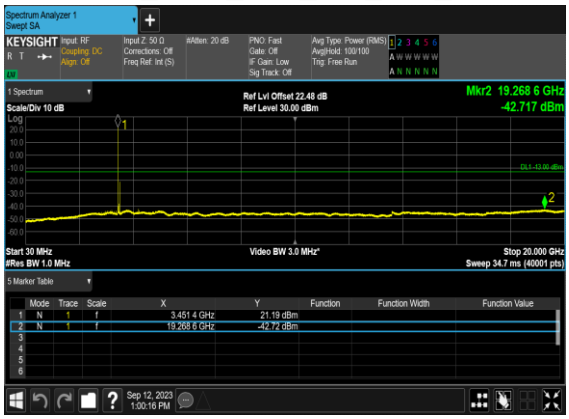
N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



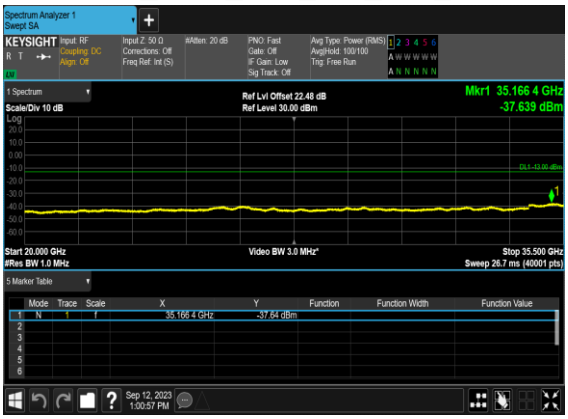

N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



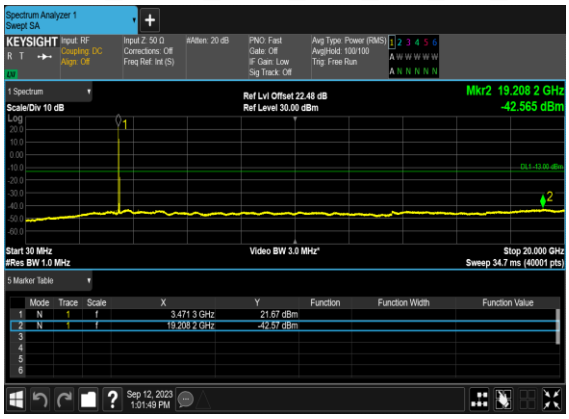

N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



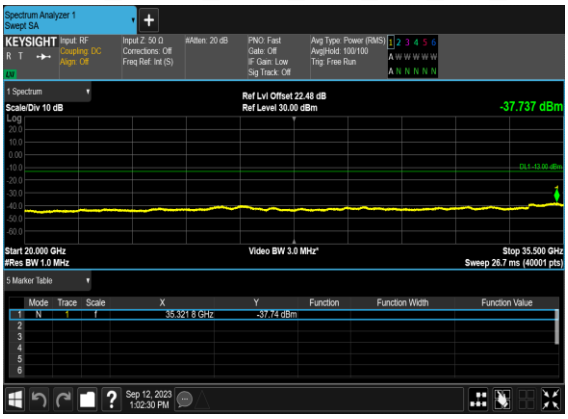

N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Low_CH



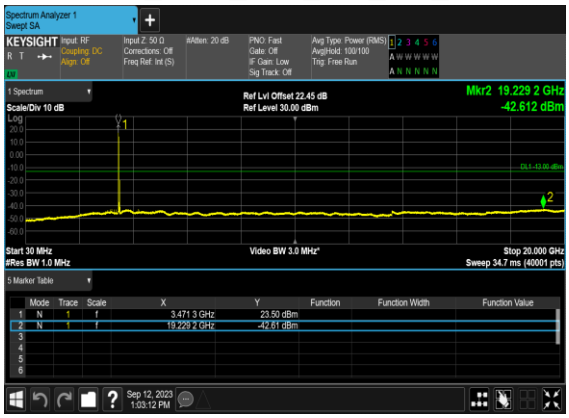

N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



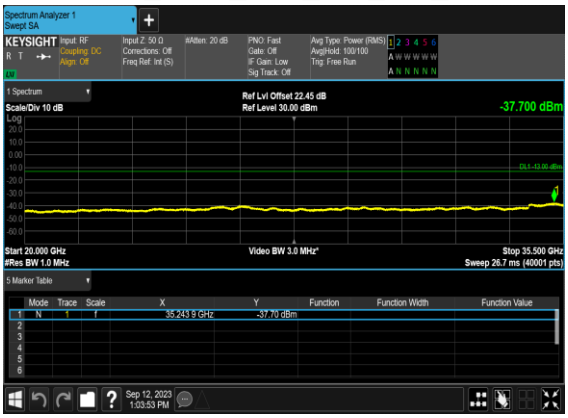

N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



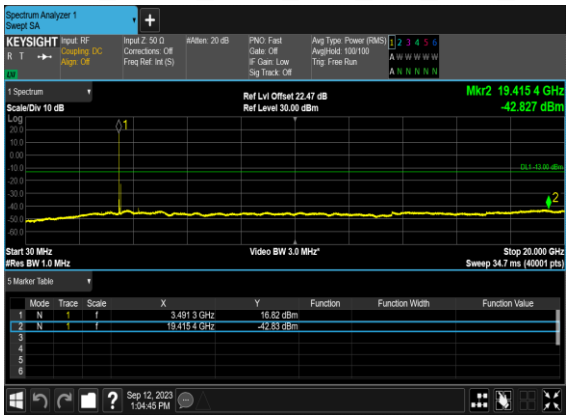
N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



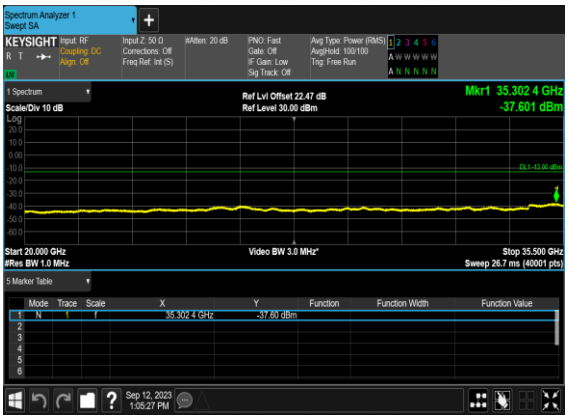

N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



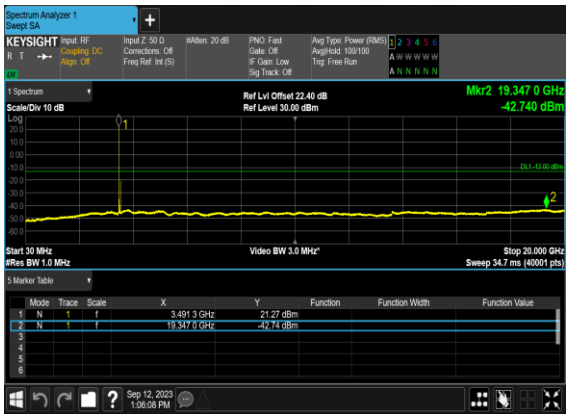

N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



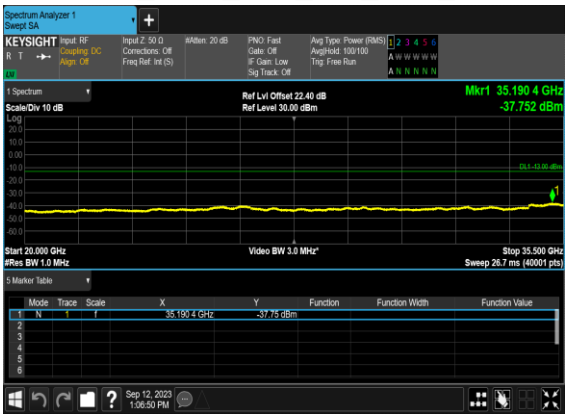

N77(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



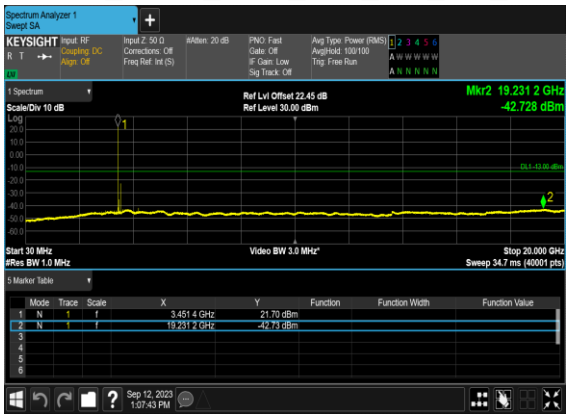

N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



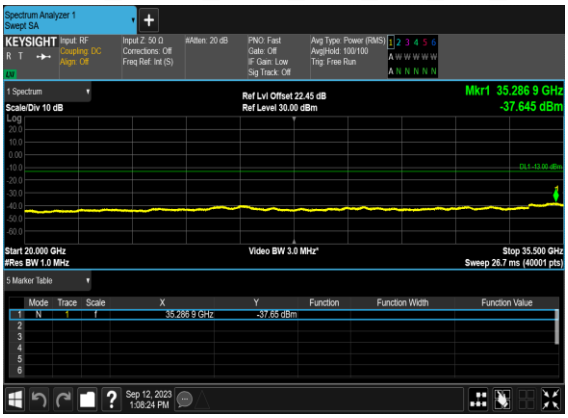

N77(60M)_CP-OFDM_16 QAM_Edge_1RB_Left_High_CH



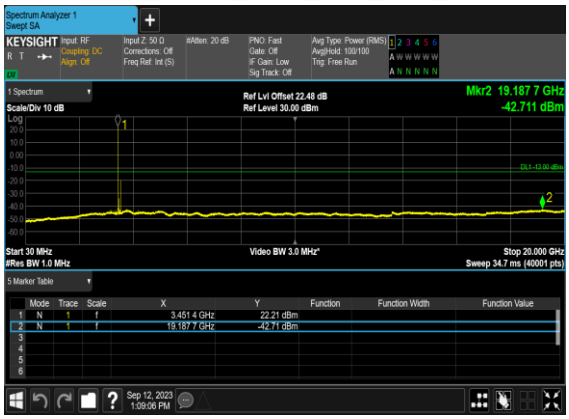
N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



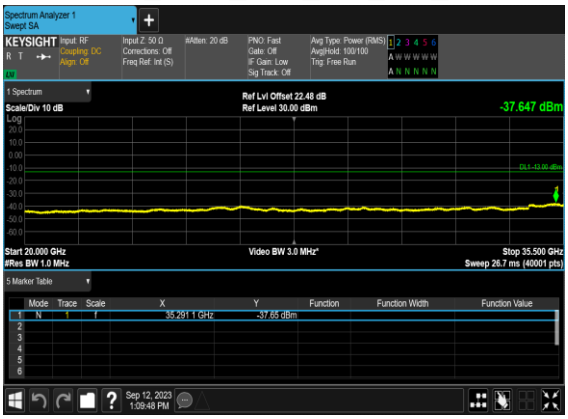

N77(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH




N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH




N77(100M)_CP-OFDM_16 QAM_Edge_1RB_Left_Mid_CH



## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---|---|---|---|---|---|---|---|---|
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM QPSK | 51@0 | see graph | **PASS** |
| **77** | 30 | 20 | 630668 | 3460.02 | CP-OFDM 16 QAM | 51@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM QPSK | 1@50 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM 16 QAM | 1@50 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM QPSK | 51@0 | see graph | **PASS** |
| **77** | 30 | 20 | 636000 | 3540.0 | CP-OFDM 16 QAM | 51@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM QPSK | 162@0 | see graph | **PASS** |
| **77** | 30 | 60 | 632000 | 3480.0 | CP-OFDM 16 QAM | 162@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM QPSK | 1@161 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM 16 QAM | 1@161 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM QPSK | 162@0 | see graph | **PASS** |
| **77** | 30 | 60 | 634666 | 3519.99 | CP-OFDM 16 QAM | 162@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 1@272 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 1@272 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK | 273@0 | see graph | **PASS** |
| **77** | 30 | 100 | 633334 | 3500.01 | CP-OFDM 16 QAM | 273@0 | see graph | **PASS** |