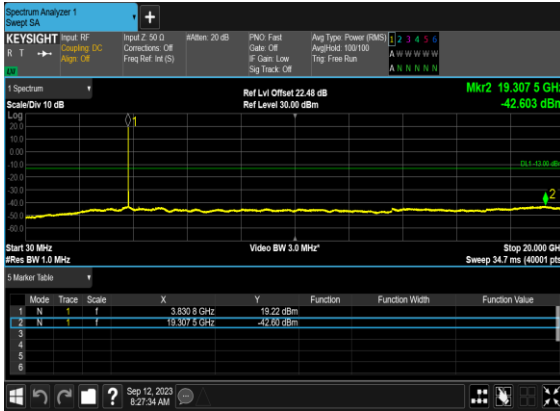
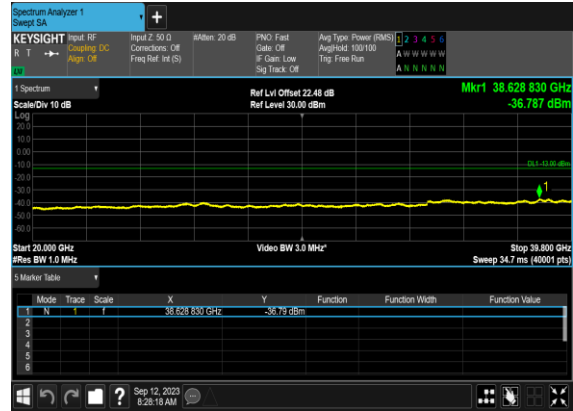


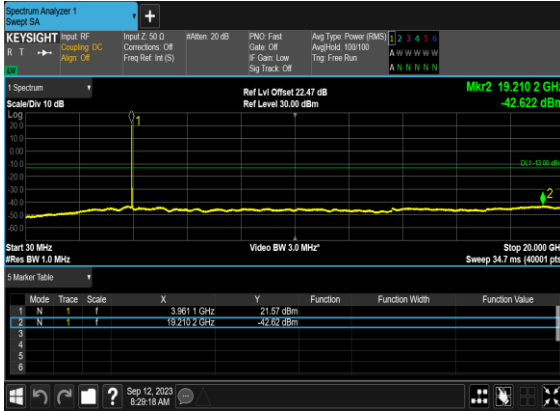
### N77(20M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



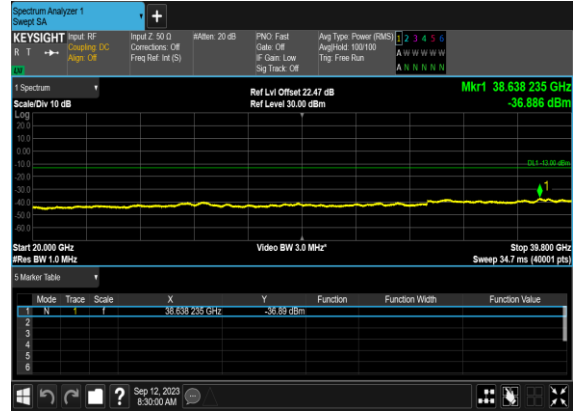
### N77(20M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



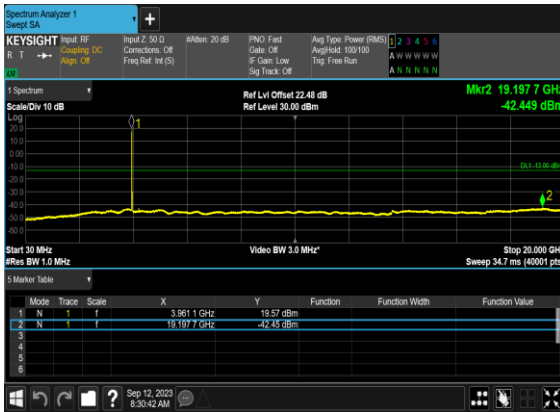
### N77(20M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



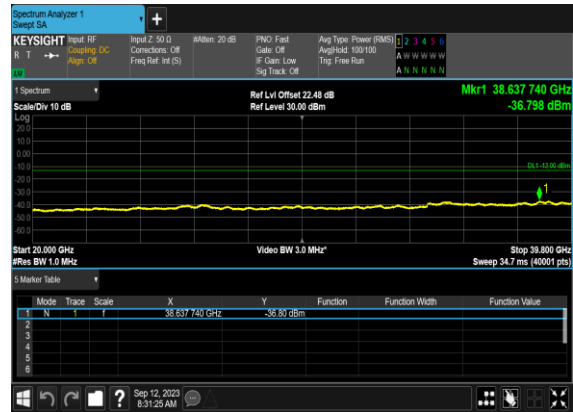
### N77(20M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



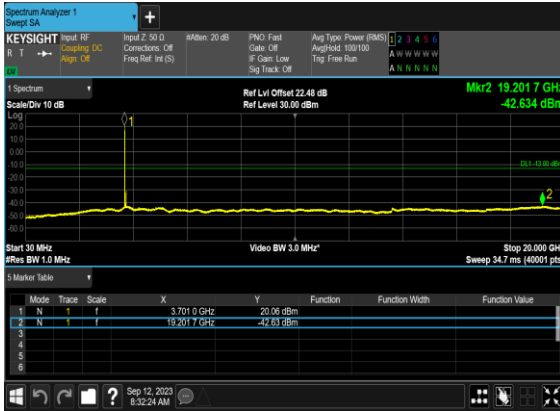
### N77(20M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



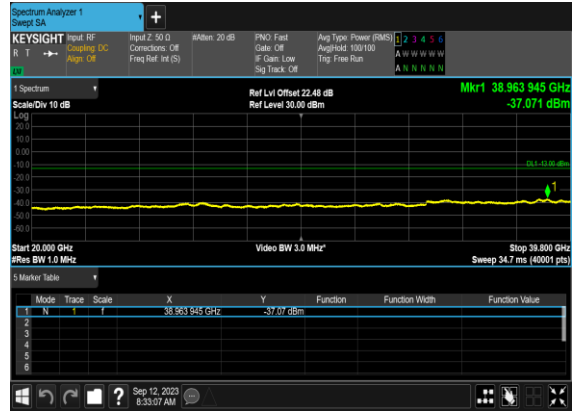
### N77(20M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



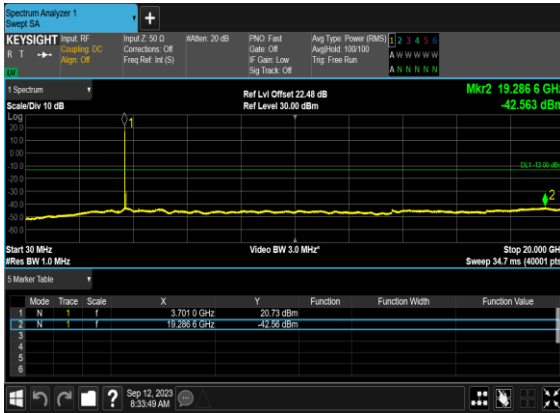
### N77(60M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



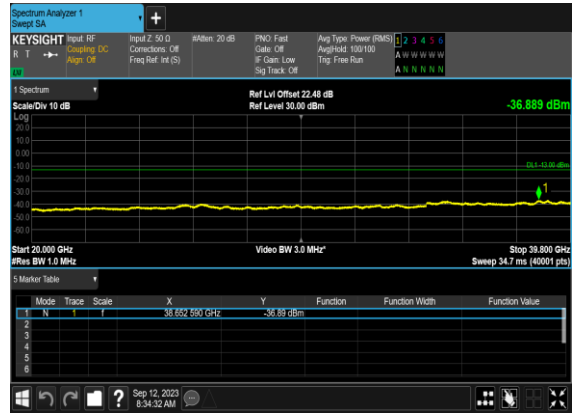
### N77(60M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



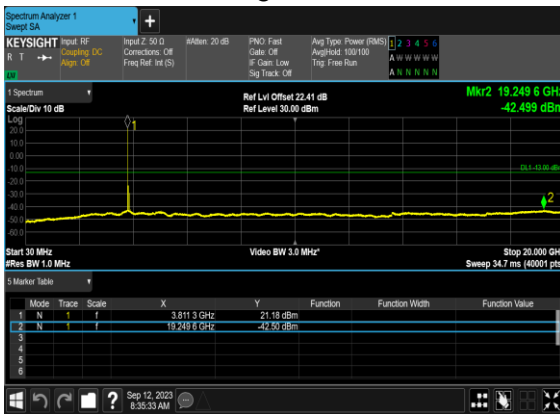
### N77(60M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



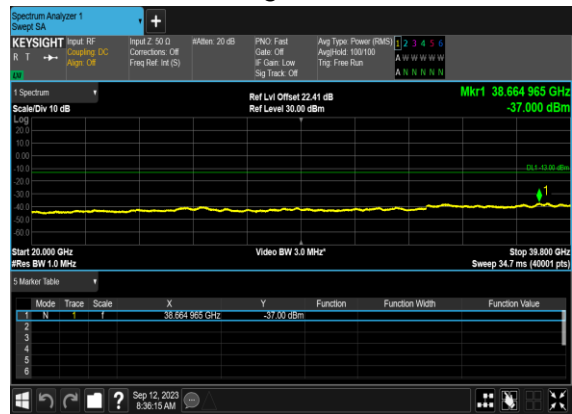
### N77(60M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



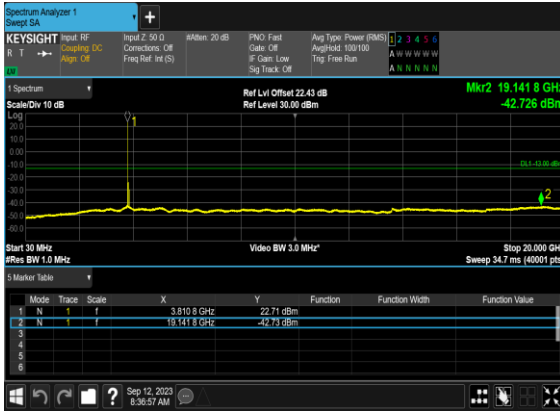
### N77(60M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



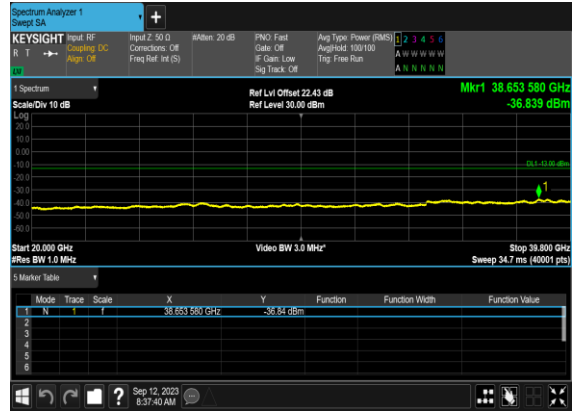
### N77(60M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



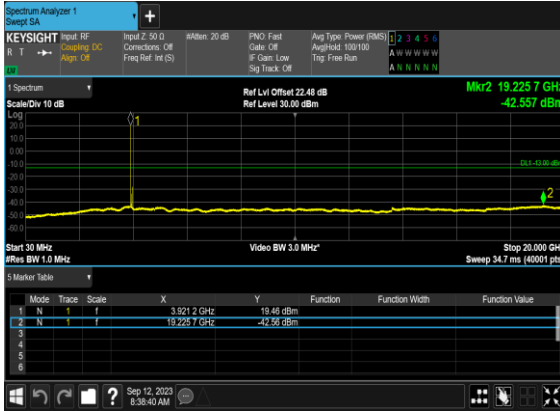
### N77(60M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



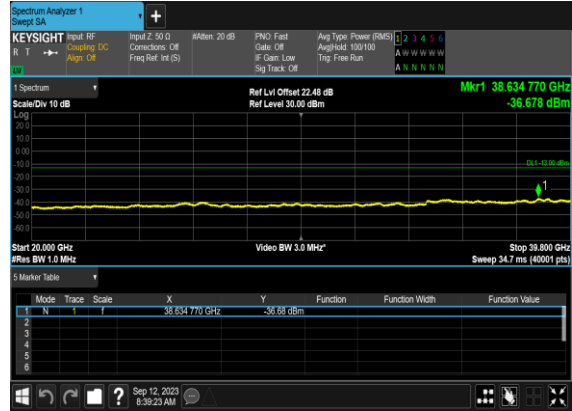
### N77(60M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



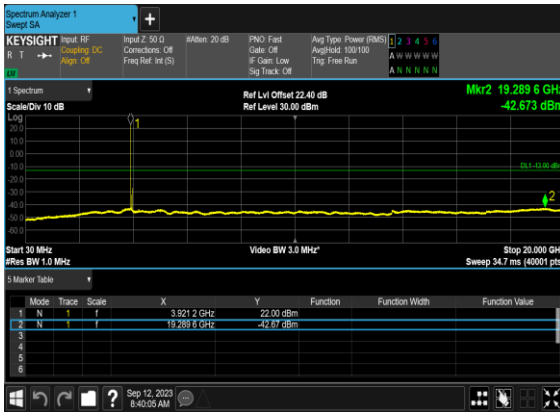
### N77(60M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



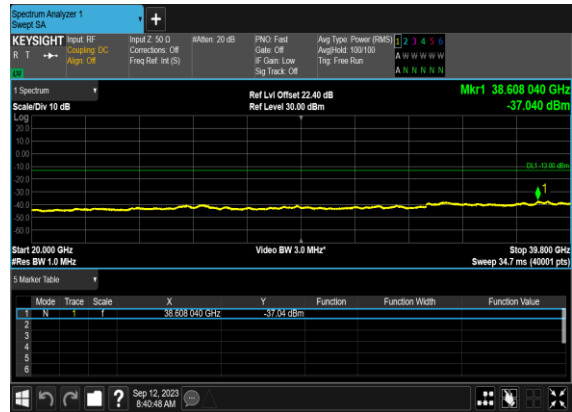
### N77(60M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



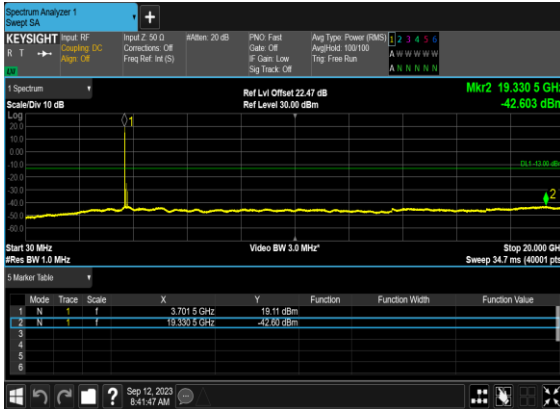
### N77(60M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



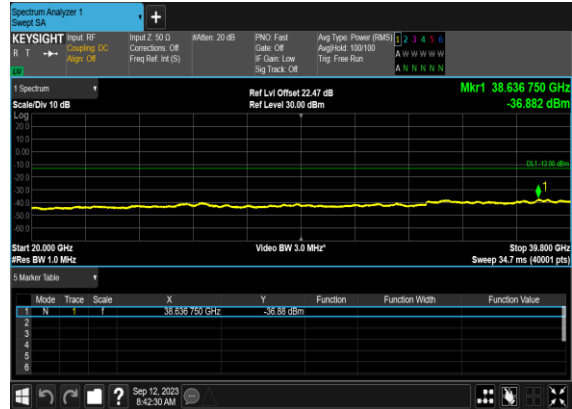
### N77(60M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



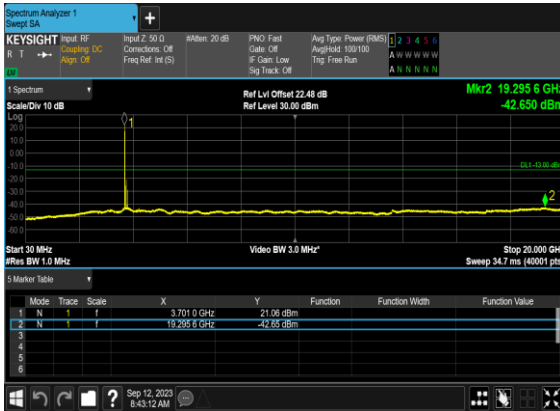
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



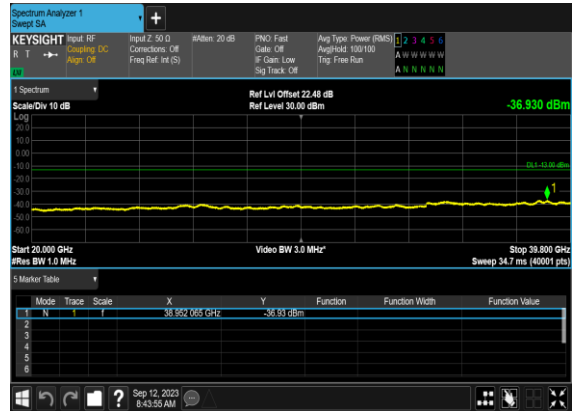
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



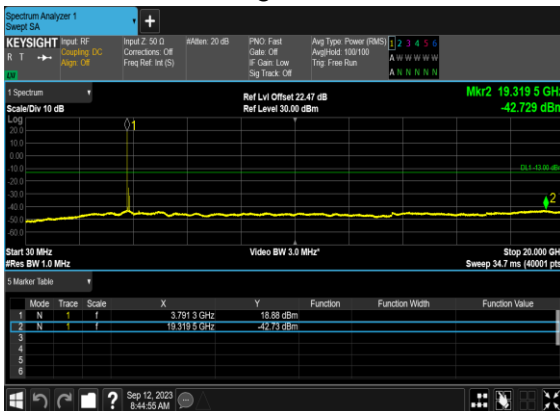
N77(100M)\_CP-OFDM\_16  
QAM\_Edge\_1RB\_Left\_Low\_CH



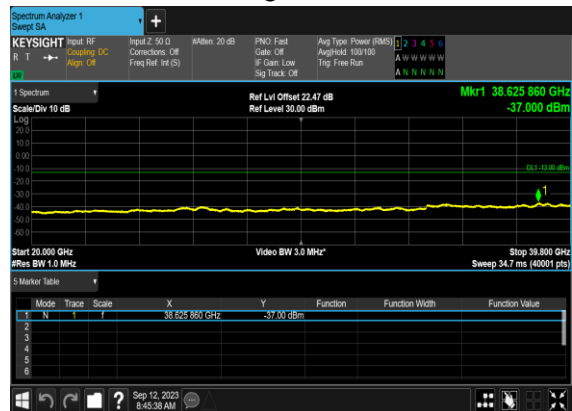
N77(100M)\_CP-OFDM\_16  
QAM\_Edge\_1RB\_Left\_Low\_CH



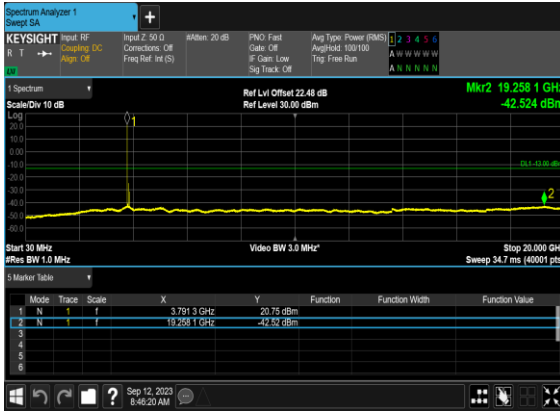
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



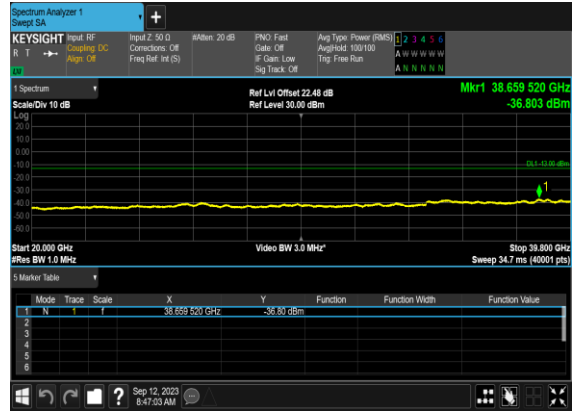
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



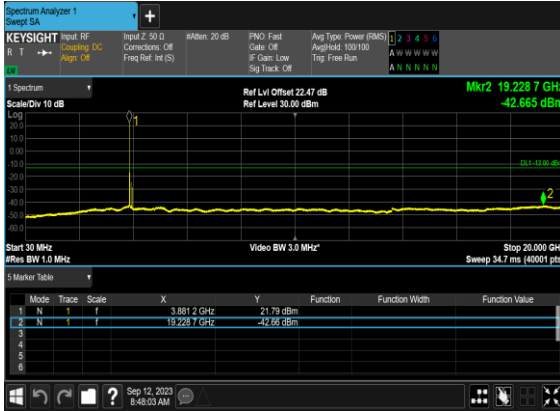
### N77(100M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



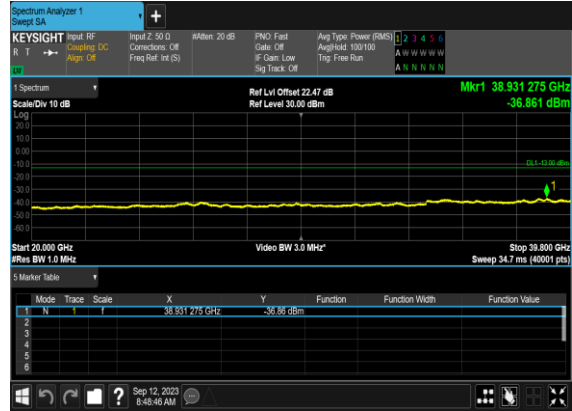
### N77(100M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



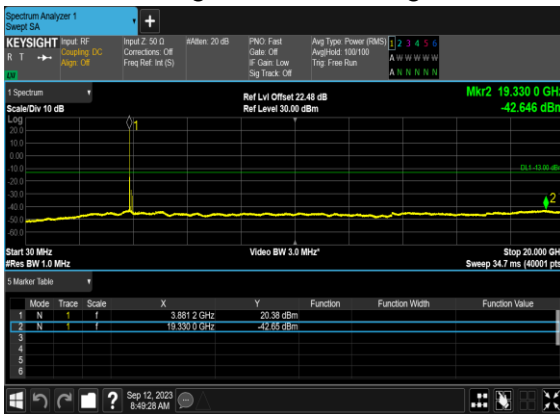
### N77(100M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



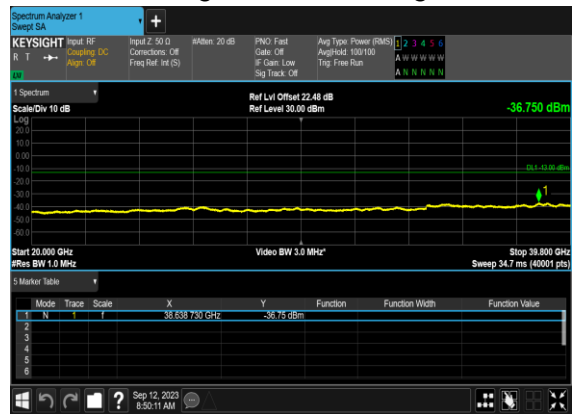
### N77(100M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N77(100M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



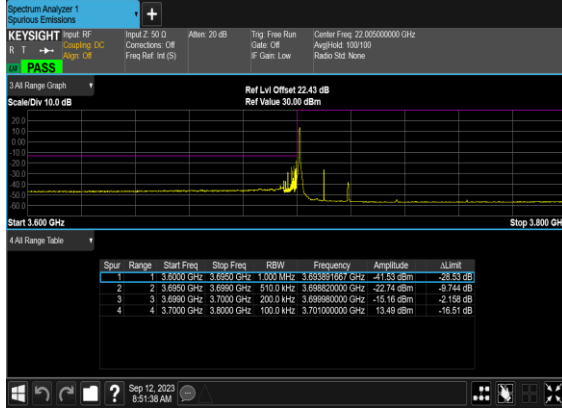
### N77(100M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_High\_CH



## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation     | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|----------------|-------|-----------|---------|
| 77      | 30        | 20              | 647334 | 3710.01    | CP-OFDM QPSK   | 1@0   | see graph | PASS    |
| 77      | 30        | 20              | 647334 | 3710.01    | CP-OFDM 16 QAM | 1@0   | see graph | PASS    |
| 77      | 30        | 20              | 647334 | 3710.01    | CP-OFDM QPSK   | 51@0  | see graph | PASS    |
| 77      | 30        | 20              | 647334 | 3710.01    | CP-OFDM 16 QAM | 51@0  | see graph | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | CP-OFDM QPSK   | 1@50  | see graph | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | CP-OFDM 16 QAM | 1@50  | see graph | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | CP-OFDM QPSK   | 51@0  | see graph | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | CP-OFDM 16 QAM | 51@0  | see graph | PASS    |
| 77      | 30        | 60              | 648668 | 3730.02    | CP-OFDM QPSK   | 1@0   | see graph | PASS    |
| 77      | 30        | 60              | 648668 | 3730.02    | CP-OFDM 16 QAM | 1@0   | see graph | PASS    |
| 77      | 30        | 60              | 648668 | 3730.02    | CP-OFDM QPSK   | 162@0 | see graph | PASS    |
| 77      | 30        | 60              | 648668 | 3730.02    | CP-OFDM 16 QAM | 162@0 | see graph | PASS    |
| 77      | 30        | 60              | 663332 | 3949.98    | CP-OFDM QPSK   | 1@161 | see graph | PASS    |
| 77      | 30        | 60              | 663332 | 3949.98    | CP-OFDM 16 QAM | 1@161 | see graph | PASS    |
| 77      | 30        | 60              | 663332 | 3949.98    | CP-OFDM QPSK   | 162@0 | see graph | PASS    |
| 77      | 30        | 60              | 663332 | 3949.98    | CP-OFDM 16 QAM | 162@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 16 QAM | 1@0   | see graph | PASS    |
| 77      | 30        | 100             | 650000 | 3750.0     | CP-OFDM QPSK   | 273@0 | see graph | PASS    |
| 77      | 30        | 100             | 650000 | 3750.0     | CP-OFDM 16 QAM | 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 16 QAM | 1@272 | see graph | PASS    |
| 77      | 30        | 100             | 662000 | 3930.0     | CP-OFDM QPSK   | 273@0 | see graph | PASS    |
| 77      | 30        | 100             | 662000 | 3930.0     | CP-OFDM 16 QAM | 273@0 | see graph | PASS    |

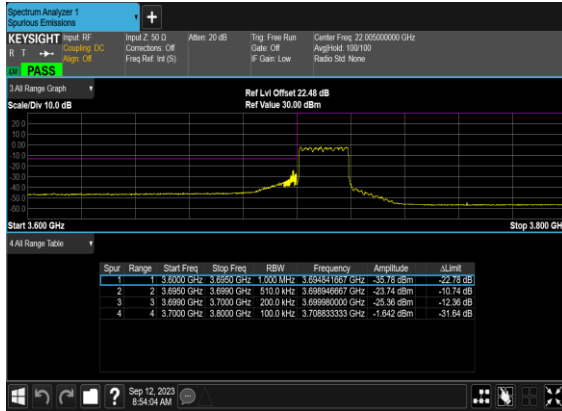
### N77(20M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



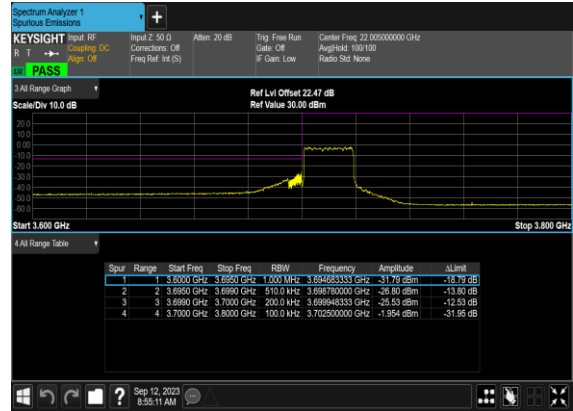
### N77(20M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



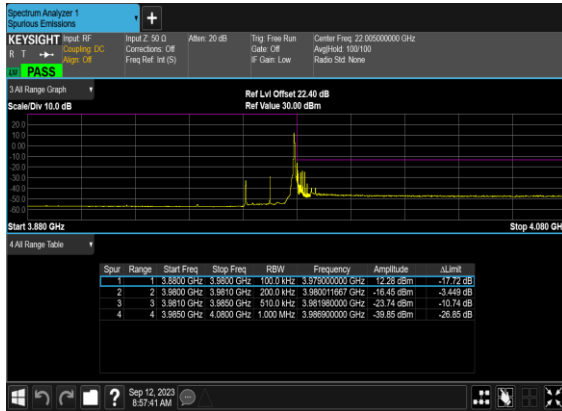
### N77(20M)\_CP- OFDM\_QPSK\_Outer\_Full\_Low\_CH



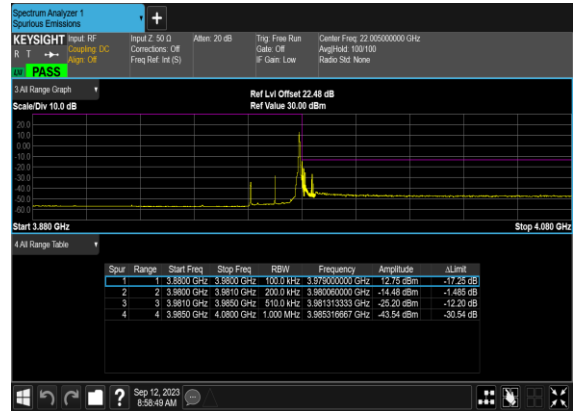
### N77(20M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



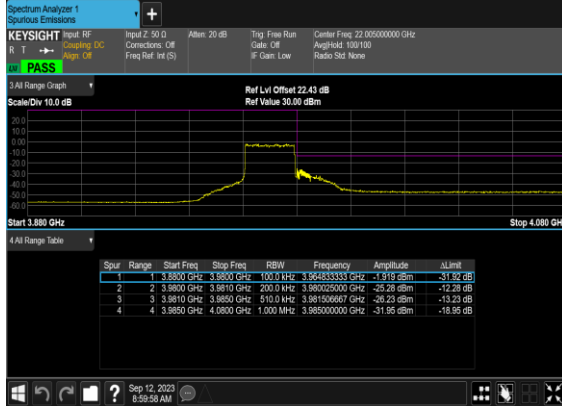
### N77(20M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



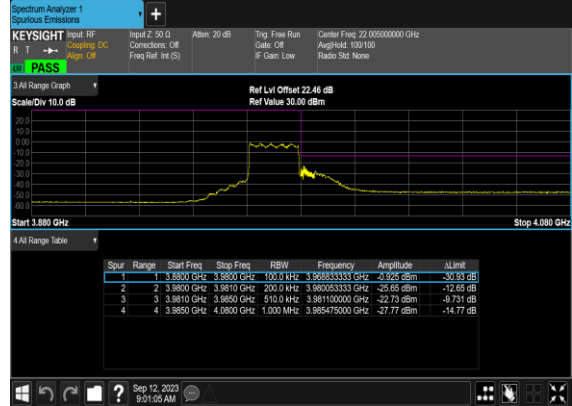
### N77(20M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Right\_High\_CH



### N77(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_High\_CH



### N77(20M)\_CP-OFDM\_16QAM\_Outer\_Full\_High\_CH



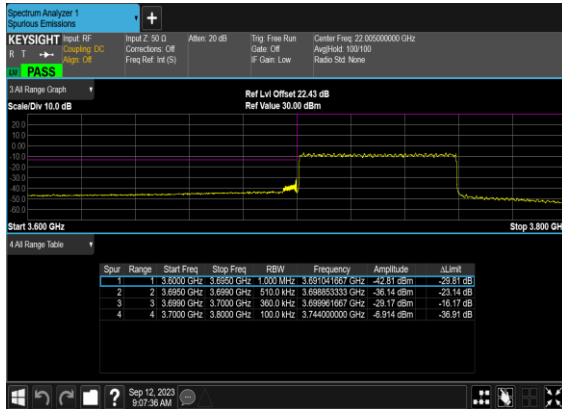
### N77(60M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



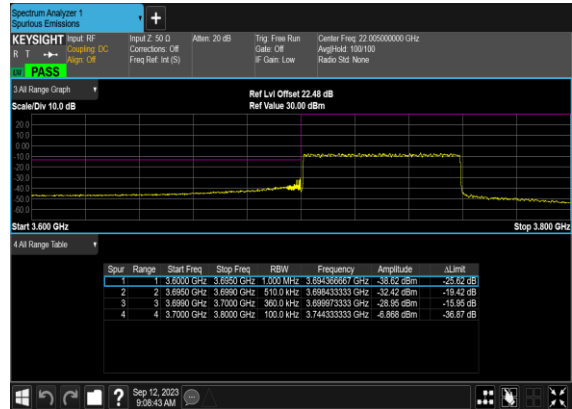
### N77(60M)\_CP-OFDM\_16QAM\_Edge\_1RB\_Left\_Low\_CH



### N77(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low\_CH



### N77(60M)\_CP-OFDM\_16QAM\_Outer\_Full\_Low\_CH

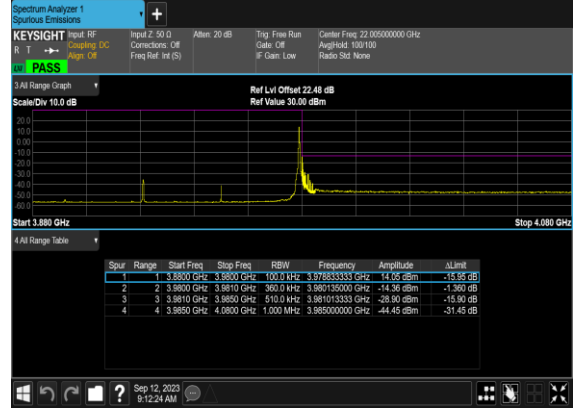




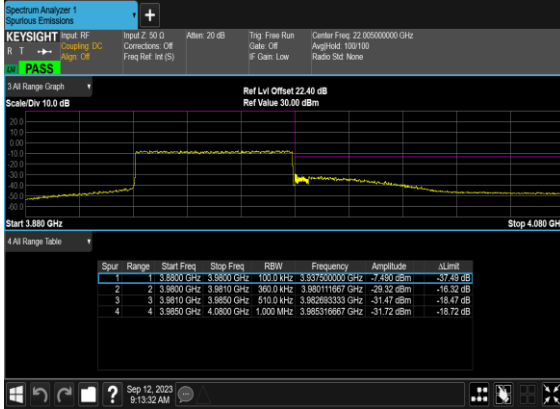
### N77(60M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



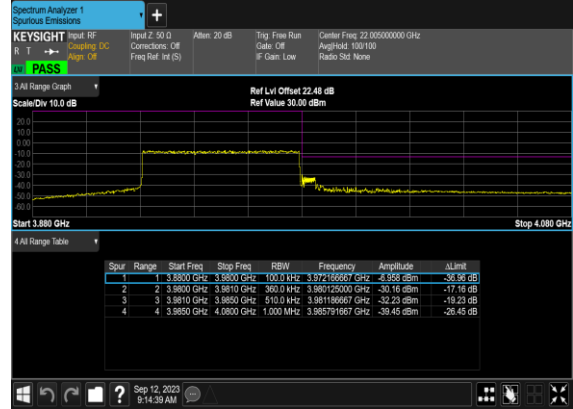
### N77(60M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Right\_High\_CH



### N77(60M)\_CP- OFDM\_QPSK\_Outer\_Full\_High\_CH



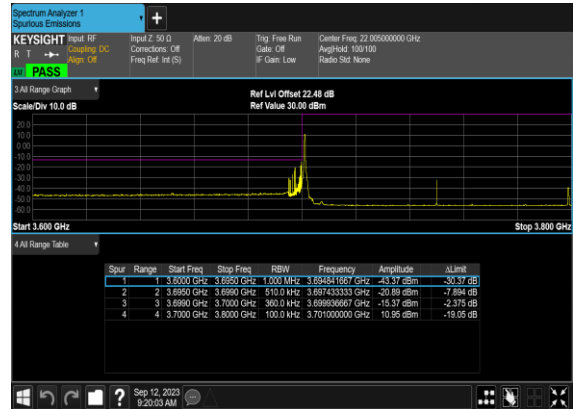
### N77(60M)\_CP-OFDM\_16 QAM\_Outer\_Full\_High\_CH



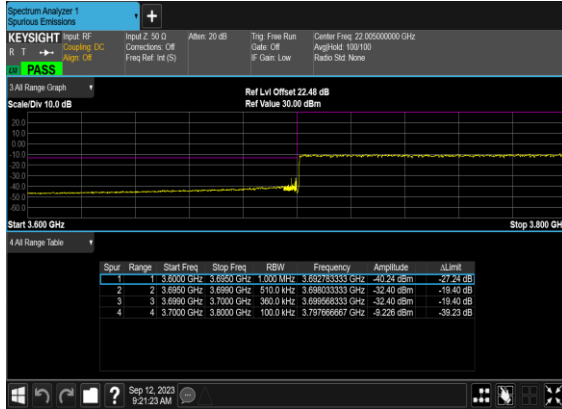
### N77(100M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N77(100M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Low\_CH



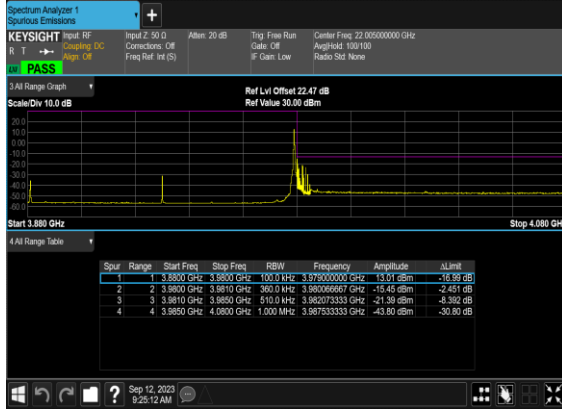
### N77(100M)\_CP- OFDM\_QPSK\_Outer\_Full\_Low\_CH



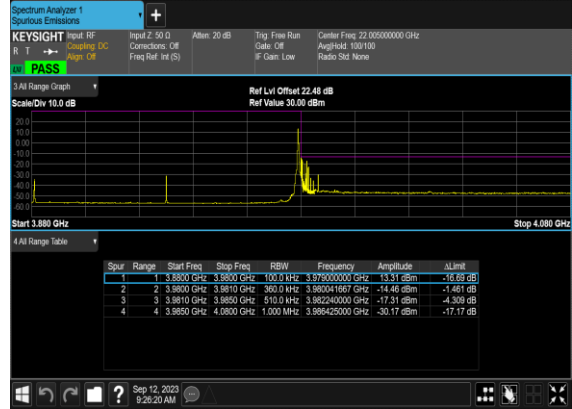
### N77(100M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



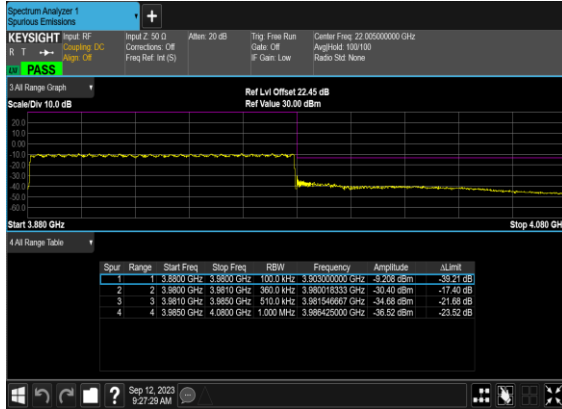
### N77(100M)\_CP- OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### N77(100M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Right\_High\_CH



### N77(100M)\_CP- OFDM\_QPSK\_Outer\_Full\_High\_CH



### N77(100M)\_CP-OFDM\_16 QAM\_Outer\_Full\_High\_CH



# 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        | 650000 | 3750       | CP-OFDM QPSK    | 137@68 | 20.86           | 20.87           | 23.88                | 22.68      | 0.1852   |
| 77      | 30  | 100        | 650000 | 3750       | CP-OFDM QPSK    | 1@1    | 21.03           | 21.06           | 24.06                | 22.86      | 0.1930   |
| 77      | 30  | 100        | 650000 | 3750       | CP-OFDM QPSK    | 1@271  | 21.01           | 21.1            | 24.07                | 22.87      | 0.1934   |
| 77      | 30  | 100        | 650000 | 3750       | CP-OFDM 16 QAM  | 137@68 | 20.32           | 20.44           | 23.39                | 22.19      | 0.1656   |
| 77      | 30  | 100        | 650000 | 3750       | CP-OFDM 16 QAM  | 1@1    | 20.27           | 20.42           | 23.36                | 22.16      | 0.1643   |
| 77      | 30  | 100        | 650000 | 3750       | CP-OFDM 16 QAM  | 1@271  | 20.42           | 20.43           | 23.44                | 22.24      | 0.1673   |
| 77      | 30  | 100        | 650000 | 3750       | CP-OFDM 64 QAM  | 137@68 | 18.83           | 18.86           | 21.86                | 20.66      | 0.1163   |
| 77      | 30  | 100        | 650000 | 3750       | CP-OFDM 64 QAM  | 1@1    | 18.64           | 18.71           | 21.69                | 20.49      | 0.1118   |
| 77      | 30  | 100        | 650000 | 3750       | CP-OFDM 64 QAM  | 1@271  | 18.57           | 18.81           | 21.70                | 20.50      | 0.1123   |
| 77      | 30  | 100        | 650000 | 3750       | CP-OFDM 256 QAM | 137@68 | 15.92           | 15.89           | 18.92                | 17.72      | 0.0591   |
| 77      | 30  | 100        | 650000 | 3750       | CP-OFDM 256 QAM | 1@1    | 16.14           | 16.04           | 19.10                | 17.90      | 0.0617   |
| 77      | 30  | 100        | 650000 | 3750       | CP-OFDM 256 QAM | 1@271  | 16.13           | 16.09           | 19.12                | 17.92      | 0.0619   |
| 77      | 30  | 100        | 656000 | 3840       | CP-OFDM QPSK    | 137@68 | 21.12           | 21.05           | 24.10                | 22.90      | 0.1948   |
| 77      | 30  | 100        | 656000 | 3840       | CP-OFDM QPSK    | 1@1    | 21.25           | 21.25           | 24.26                | 23.06      | 0.2023   |
| 77      | 30  | 100        | 656000 | 3840       | CP-OFDM QPSK    | 1@271  | 21.08           | 21.14           | 24.12                | 22.92      | 0.1959   |
| 77      | 30  | 100        | 656000 | 3840       | CP-OFDM 16 QAM  | 137@68 | 20.42           | 20.6            | 23.52                | 22.32      | 0.1707   |
| 77      | 30  | 100        | 656000 | 3840       | CP-OFDM 16 QAM  | 1@1    | 20.33           | 20.65           | 23.50                | 22.30      | 0.1700   |
| 77      | 30  | 100        | 656000 | 3840       | CP-OFDM 16 QAM  | 1@271  | 20.56           | 20.46           | 23.52                | 22.32      | 0.1706   |
| 77      | 30  | 100        | 656000 | 3840       | CP-OFDM 64 QAM  | 137@68 | 18.96           | 19.03           | 22.01                | 20.81      | 0.1204   |
| 77      | 30  | 100        | 656000 | 3840       | CP-OFDM 64 QAM  | 1@1    | 18.82           | 18.95           | 21.90                | 20.70      | 0.1174   |
| 77      | 30  | 100        | 656000 | 3840       | CP-OFDM 64 QAM  | 1@271  | 18.86           | 18.85           | 21.87                | 20.67      | 0.1166   |
| 77      | 30  | 100        | 656000 | 3840       | CP-OFDM 256 QAM | 137@68 | 15.78           | 16.03           | 18.92                | 17.72      | 0.0591   |
| 77      | 30  | 100        | 656000 | 3840       | CP-OFDM 256 QAM | 1@1    | 15.98           | 16.33           | 19.17                | 17.97      | 0.0626   |
| 77      | 30  | 100        | 656000 | 3840       | CP-OFDM 256 QAM | 1@271  | 15.79           | 16.08           | 18.95                | 17.75      | 0.0595   |
| 77      | 30  | 100        | 662000 | 3930       | CP-OFDM QPSK    | 137@68 | 20.99           | 21.23           | 24.12                | 22.92      | 0.1960   |
| 77      | 30  | 100        | 662000 | 3930       | CP-OFDM QPSK    | 1@1    | 20.98           | 21.42           | 24.22                | 23.02      | 0.2003   |
| 77      | 30  | 100        | 662000 | 3930       | CP-OFDM QPSK    | 1@271  | 20.97           | 21.3            | 24.15                | 22.95      | 0.1972   |
| 77      | 30  | 100        | 662000 | 3930       | CP-OFDM 16 QAM  | 137@68 | 20.52           | 20.78           | 23.66                | 22.46      | 0.1763   |
| 77      | 30  | 100        | 662000 | 3930       | CP-OFDM 16 QAM  | 1@1    | 20.48           | 20.78           | 23.64                | 22.44      | 0.1755   |
| 77      | 30  | 100        | 662000 | 3930       | CP-OFDM 16 QAM  | 1@271  | 20.59           | 20.6            | 23.61                | 22.41      | 0.1740   |

|    |    |     |        |             |                    |        |       |       |       |       |        |
|----|----|-----|--------|-------------|--------------------|--------|-------|-------|-------|-------|--------|
| 77 | 30 | 100 | 662000 | 3930        | CP-OFDM<br>64 QAM  | 137@68 | 18.95 | 19.22 | 22.10 | 20.90 | 0.1230 |
| 77 | 30 | 100 | 662000 | 3930        | CP-OFDM<br>64 QAM  | 1@1    | 18.81 | 19.22 | 22.03 | 20.83 | 0.1211 |
| 77 | 30 | 100 | 662000 | 3930        | CP-OFDM<br>64 QAM  | 1@271  | 18.97 | 18.98 | 21.99 | 20.79 | 0.1198 |
| 77 | 30 | 100 | 662000 | 3930        | CP-OFDM<br>256 QAM | 137@68 | 15.96 | 16.29 | 19.14 | 17.94 | 0.0622 |
| 77 | 30 | 100 | 662000 | 3930        | CP-OFDM<br>256 QAM | 1@1    | 15.81 | 16.5  | 19.18 | 17.98 | 0.0628 |
| 77 | 30 | 100 | 662000 | 3930        | CP-OFDM<br>256 QAM | 1@271  | 15.88 | 16.29 | 19.10 | 17.90 | 0.0617 |
| 77 | 30 | 20  | 647334 | 3710.<br>01 | CP-OFDM<br>QPSK    | 1@1    | 21.12 | 21.18 | 24.16 | 22.96 | 0.1977 |
| 77 | 30 | 20  | 647334 | 3710.<br>01 | CP-OFDM<br>16 QAM  | 1@1    | 20.62 | 20.74 | 23.69 | 22.49 | 0.1774 |
| 77 | 30 | 20  | 647334 | 3710.<br>01 | CP-OFDM<br>64 QAM  | 1@1    | 18.72 | 18.94 | 21.84 | 20.64 | 0.1159 |
| 77 | 30 | 20  | 656000 | 3840        | CP-OFDM<br>QPSK    | 1@1    | 20.82 | 21.22 | 24.03 | 22.83 | 0.1921 |
| 77 | 30 | 20  | 656000 | 3840        | CP-OFDM<br>16 QAM  | 1@1    | 20.65 | 20.98 | 23.83 | 22.63 | 0.1832 |
| 77 | 30 | 20  | 656000 | 3840        | CP-OFDM<br>64 QAM  | 1@1    | 18.64 | 18.74 | 21.70 | 20.50 | 0.1122 |
| 77 | 30 | 20  | 664666 | 3969.<br>99 | CP-OFDM<br>QPSK    | 1@1    | 21.14 | 21.06 | 24.11 | 22.91 | 0.1955 |
| 77 | 30 | 20  | 664666 | 3969.<br>99 | CP-OFDM<br>16 QAM  | 1@1    | 20.98 | 21.02 | 24.01 | 22.81 | 0.1910 |
| 77 | 30 | 20  | 664666 | 3969.<br>99 | CP-OFDM<br>64 QAM  | 1@1    | 18.68 | 18.92 | 21.81 | 20.61 | 0.1151 |
| 77 | 30 | 30  | 647668 | 3715.<br>02 | CP-OFDM<br>QPSK    | 1@1    | 21.08 | 21.13 | 24.12 | 22.92 | 0.1957 |
| 77 | 30 | 30  | 647668 | 3715.<br>02 | CP-OFDM<br>16 QAM  | 1@1    | 20.96 | 21.02 | 24.00 | 22.80 | 0.1906 |
| 77 | 30 | 30  | 647668 | 3715.<br>02 | CP-OFDM<br>64 QAM  | 1@1    | 18.64 | 18.96 | 21.81 | 20.61 | 0.1152 |
| 77 | 30 | 30  | 656000 | 3840        | CP-OFDM<br>QPSK    | 1@1    | 21.07 | 21.18 | 24.14 | 22.94 | 0.1966 |
| 77 | 30 | 30  | 656000 | 3840        | CP-OFDM<br>16 QAM  | 1@1    | 20.54 | 20.94 | 23.75 | 22.55 | 0.1801 |
| 77 | 30 | 30  | 656000 | 3840        | CP-OFDM<br>64 QAM  | 1@1    | 18.58 | 18.76 | 21.68 | 20.48 | 0.1117 |
| 77 | 30 | 30  | 664332 | 3964.<br>98 | CP-OFDM<br>QPSK    | 1@1    | 21.09 | 21.06 | 24.09 | 22.89 | 0.1943 |
| 77 | 30 | 30  | 664332 | 3964.<br>98 | CP-OFDM<br>16 QAM  | 1@1    | 20.98 | 20.98 | 23.99 | 22.79 | 0.1901 |
| 77 | 30 | 30  | 664332 | 3964.<br>98 | CP-OFDM<br>64 QAM  | 1@1    | 18.54 | 18.56 | 21.56 | 20.36 | 0.1087 |
| 77 | 30 | 40  | 648000 | 3720        | CP-OFDM<br>QPSK    | 1@1    | 21.03 | 21.13 | 24.09 | 22.89 | 0.1946 |
| 77 | 30 | 40  | 648000 | 3720        | CP-OFDM<br>16 QAM  | 1@1    | 20.64 | 20.98 | 23.82 | 22.62 | 0.1830 |
| 77 | 30 | 40  | 648000 | 3720        | CP-OFDM<br>64 QAM  | 1@1    | 18.59 | 18.87 | 21.74 | 20.54 | 0.1133 |
| 77 | 30 | 40  | 656000 | 3840        | CP-OFDM<br>QPSK    | 1@1    | 20.98 | 21.31 | 24.16 | 22.96 | 0.1976 |
| 77 | 30 | 40  | 656000 | 3840        | CP-OFDM<br>16 QAM  | 1@1    | 20.48 | 20.82 | 23.66 | 22.46 | 0.1763 |
| 77 | 30 | 40  | 656000 | 3840        | CP-OFDM<br>64 QAM  | 1@1    | 18.62 | 18.94 | 21.79 | 20.59 | 0.1146 |
| 77 | 30 | 40  | 664000 | 3960        | CP-OFDM<br>QPSK    | 1@1    | 21.02 | 21.22 | 24.13 | 22.93 | 0.1964 |
| 77 | 30 | 40  | 664000 | 3960        | CP-OFDM<br>16 QAM  | 1@1    | 20.64 | 20.63 | 23.65 | 22.45 | 0.1756 |
| 77 | 30 | 40  | 664000 | 3960        | CP-OFDM<br>64 QAM  | 1@1    | 18.63 | 18.81 | 21.73 | 20.53 | 0.1130 |
| 77 | 30 | 60  | 648668 | 3730.<br>02 | CP-OFDM<br>QPSK    | 1@1    | 20.62 | 21    | 23.82 | 22.62 | 0.1830 |
| 77 | 30 | 60  | 648668 | 3730.<br>02 | CP-OFDM<br>16 QAM  | 1@1    | 20.32 | 20.65 | 23.50 | 22.30 | 0.1698 |
| 77 | 30 | 60  | 648668 | 3730.<br>02 | CP-OFDM<br>64 QAM  | 1@1    | 18.43 | 18.74 | 21.60 | 20.40 | 0.1096 |

|    |    |    |        |             |                   |     |       |       |       |       |        |
|----|----|----|--------|-------------|-------------------|-----|-------|-------|-------|-------|--------|
| 77 | 30 | 60 | 656000 | 3840        | CP-OFDM<br>QPSK   | 1@1 | 20.67 | 20.99 | 23.84 | 22.64 | 0.1838 |
| 77 | 30 | 60 | 656000 | 3840        | CP-OFDM<br>16 QAM | 1@1 | 20.51 | 20.46 | 23.50 | 22.30 | 0.1696 |
| 77 | 30 | 60 | 656000 | 3840        | CP-OFDM<br>64 QAM | 1@1 | 18.58 | 18.94 | 21.77 | 20.57 | 0.1141 |
| 77 | 30 | 60 | 663332 | 3949.<br>98 | CP-OFDM<br>QPSK   | 1@1 | 21.13 | 21.33 | 24.24 | 23.04 | 0.2014 |
| 77 | 30 | 60 | 663332 | 3949.<br>98 | CP-OFDM<br>16 QAM | 1@1 | 20.32 | 20.98 | 23.67 | 22.47 | 0.1767 |
| 77 | 30 | 60 | 663332 | 3949.<br>98 | CP-OFDM<br>64 QAM | 1@1 | 18.62 | 19.06 | 21.86 | 20.66 | 0.1163 |
| 77 | 30 | 80 | 649334 | 3740.<br>01 | CP-OFDM<br>QPSK   | 1@1 | 20.17 | 20.86 | 23.54 | 22.34 | 0.1714 |
| 77 | 30 | 80 | 649334 | 3740.<br>01 | CP-OFDM<br>16 QAM | 1@1 | 20.32 | 20.64 | 23.49 | 22.29 | 0.1696 |
| 77 | 30 | 80 | 649334 | 3740.<br>01 | CP-OFDM<br>64 QAM | 1@1 | 18.61 | 19.02 | 21.83 | 20.63 | 0.1156 |
| 77 | 30 | 80 | 656000 | 3840        | CP-OFDM<br>QPSK   | 1@1 | 20.65 | 20.99 | 23.83 | 22.63 | 0.1834 |
| 77 | 30 | 80 | 656000 | 3840        | CP-OFDM<br>16 QAM | 1@1 | 20.32 | 20.74 | 23.55 | 22.35 | 0.1716 |
| 77 | 30 | 80 | 656000 | 3840        | CP-OFDM<br>64 QAM | 1@1 | 18.56 | 18.74 | 21.66 | 20.46 | 0.1112 |
| 77 | 30 | 80 | 662666 | 3939.<br>99 | CP-OFDM<br>QPSK   | 1@1 | 20.84 | 21.27 | 24.07 | 22.87 | 0.1937 |
| 77 | 30 | 80 | 662666 | 3939.<br>99 | CP-OFDM<br>16 QAM | 1@1 | 20.68 | 20.94 | 23.82 | 22.62 | 0.1829 |
| 77 | 30 | 80 | 662666 | 3939.<br>99 | CP-OFDM<br>64 QAM | 1@1 | 18.54 | 18.94 | 21.75 | 20.55 | 0.1136 |

## Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation   | RB    | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|--------------|-------|-----------------|---------|-------------|
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK | 273@0 | 0.0025          | PASS    | NV          |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK | 273@0 | 0.0016          | PASS    | LV          |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK | 273@0 | -0.0018         | PASS    | HV          |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK | 273@0 | -0.0021         | PASS    | -30°C       |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK | 273@0 | 0.0011          | PASS    | -20°C       |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK | 273@0 | 0.0026          | PASS    | -10°C       |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK | 273@0 | 0.0015          | PASS    | 0°C         |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK | 273@0 | -0.0017         | PASS    | 10°C        |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK | 273@0 | 0.0009          | PASS    | 20°C        |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK | 273@0 | 0.0014          | PASS    | 30°C        |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK | 273@0 | 0.0022          | PASS    | 40°C        |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK | 273@0 | 0.0031          | PASS    | 50°C        |

## Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation     | RB    | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|----------------|-------|-------------|------------|---------|
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK   | 273@0 | 10.72       | 13         | PASS    |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK   | 1@0   | 10.26       | 13         | PASS    |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM 16 QAM | 273@0 | 10.85       | 13         | PASS    |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM 16 QAM | 1@0   | 10.49       | 13         | PASS    |

N77(100M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



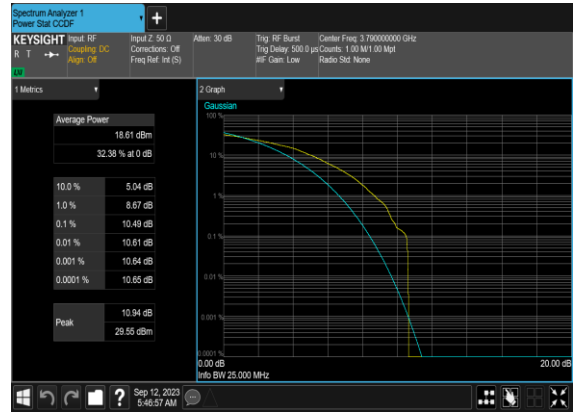
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(100M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(100M)\_CP-OFDM\_16  
QAM\_Edge\_1RB\_Left\_Mid\_CH

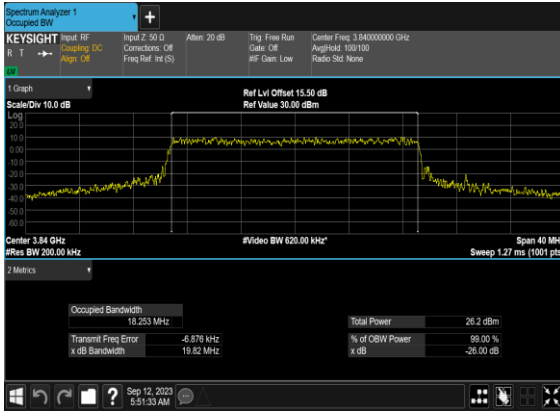




## Occupied Bandwidth

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | OBW (MHz) | 26dB BW (MHz) |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------------|
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK    | 51@0  | 18.253    | 19.82         |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 16 QAM  | 51@0  | 18.215    | 20.44         |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 64 QAM  | 51@0  | 18.178    | 19.27         |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 256 QAM | 51@0  | 18.228    | 21.56         |
| 77      | 30        | 30              | 656000 | 3840.0     | CP-OFDM QPSK    | 78@0  | 27.847    | 28.94         |
| 77      | 30        | 30              | 656000 | 3840.0     | CP-OFDM 16 QAM  | 78@0  | 27.798    | 28.76         |
| 77      | 30        | 30              | 656000 | 3840.0     | CP-OFDM 64 QAM  | 78@0  | 27.913    | 28.85         |
| 77      | 30        | 30              | 656000 | 3840.0     | CP-OFDM 256 QAM | 78@0  | 27.854    | 29.26         |
| 77      | 30        | 40              | 656000 | 3840.0     | CP-OFDM QPSK    | 106@0 | 37.772    | 39.38         |
| 77      | 30        | 40              | 656000 | 3840.0     | CP-OFDM 16 QAM  | 106@0 | 37.79     | 39.39         |
| 77      | 30        | 40              | 656000 | 3840.0     | CP-OFDM 64 QAM  | 106@0 | 37.796    | 39.15         |
| 77      | 30        | 40              | 656000 | 3840.0     | CP-OFDM 256 QAM | 106@0 | 37.807    | 39.33         |
| 77      | 30        | 60              | 656000 | 3840.0     | CP-OFDM QPSK    | 162@0 | 57.762    | 59.71         |
| 77      | 30        | 60              | 656000 | 3840.0     | CP-OFDM 16 QAM  | 162@0 | 57.807    | 59.68         |
| 77      | 30        | 60              | 656000 | 3840.0     | CP-OFDM 64 QAM  | 162@0 | 57.81     | 59.87         |
| 77      | 30        | 60              | 656000 | 3840.0     | CP-OFDM 256 QAM | 162@0 | 57.884    | 60.0          |
| 77      | 30        | 80              | 656000 | 3840.0     | CP-OFDM QPSK    | 217@0 | 77.388    | 80.09         |
| 77      | 30        | 80              | 656000 | 3840.0     | CP-OFDM 16 QAM  | 217@0 | 77.544    | 80.02         |
| 77      | 30        | 80              | 656000 | 3840.0     | CP-OFDM 64 QAM  | 217@0 | 77.629    | 80.04         |
| 77      | 30        | 80              | 656000 | 3840.0     | CP-OFDM 256 QAM | 217@0 | 77.513    | 80.09         |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM QPSK    | 273@0 | 97.445    | 100.5         |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM 16 QAM  | 273@0 | 97.533    | 100.5         |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM 64 QAM  | 273@0 | 97.468    | 100.5         |
| 77      | 30        | 100             | 656000 | 3840.0     | CP-OFDM 256 QAM | 273@0 | 97.309    | 100.5         |

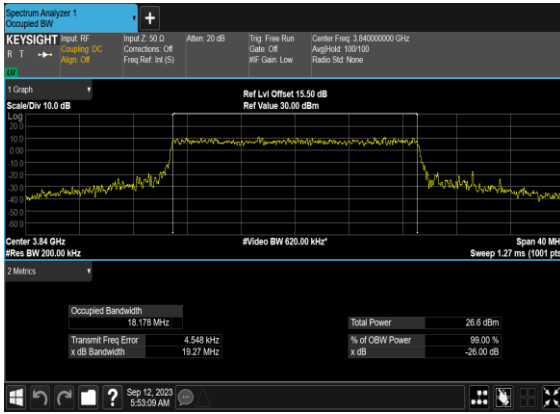
### N77(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



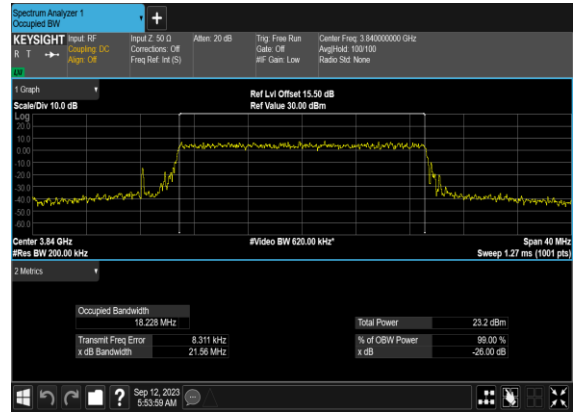
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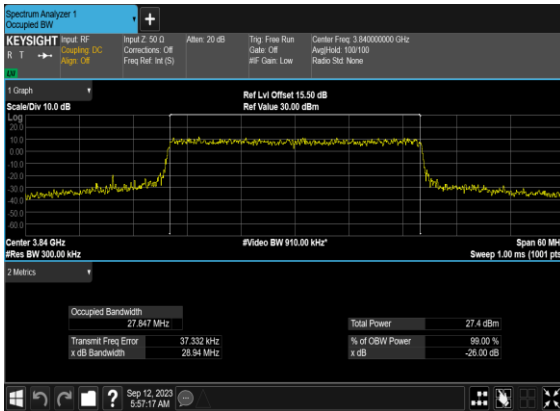
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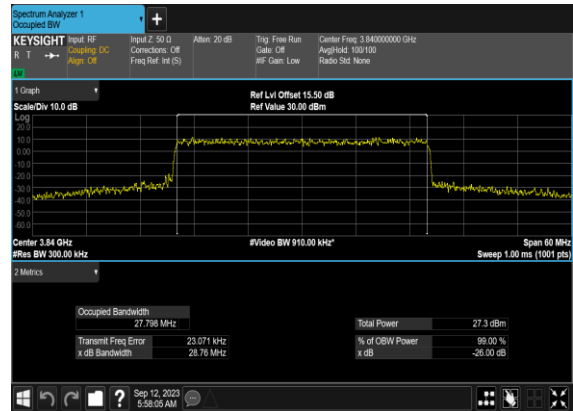
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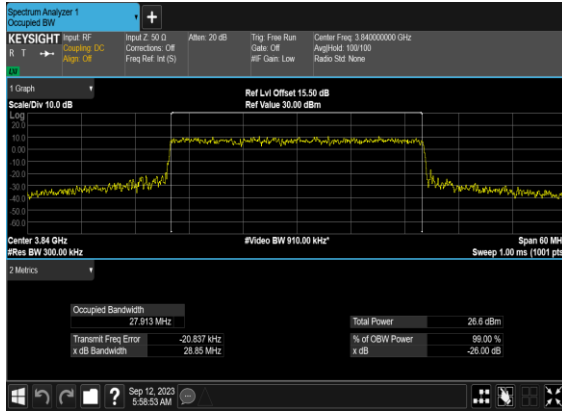
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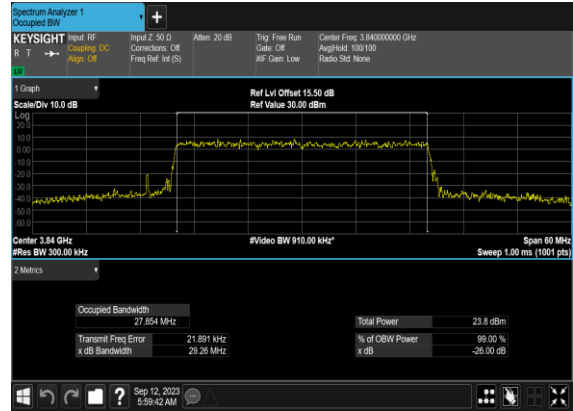
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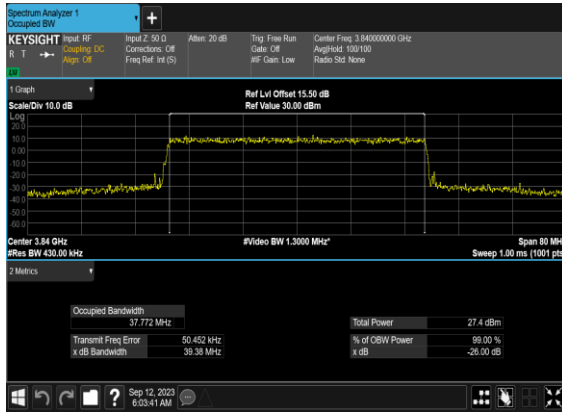
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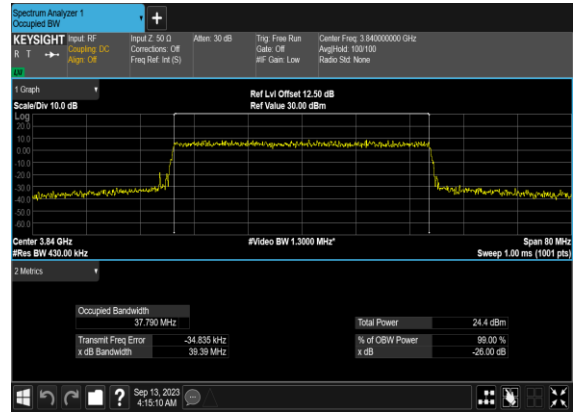
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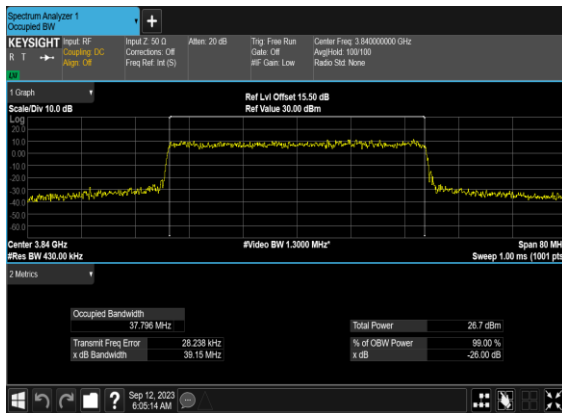
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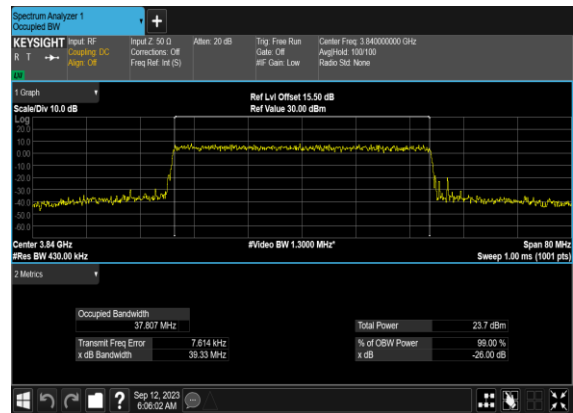
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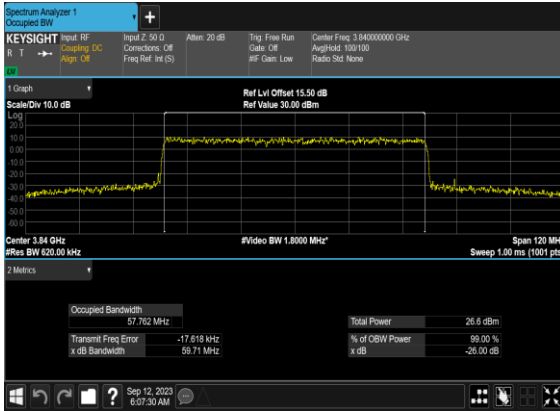
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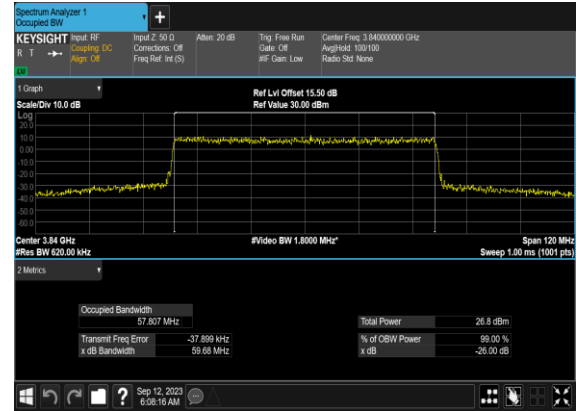
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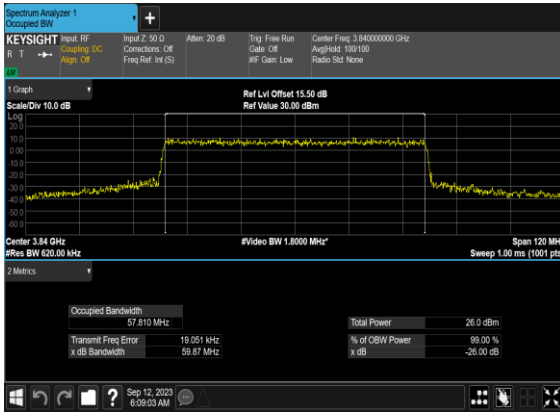
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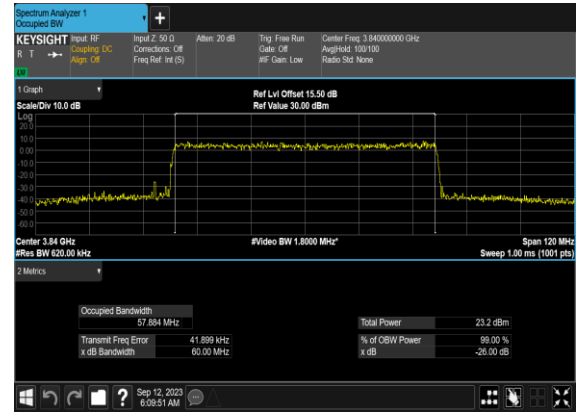
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### N77(60M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



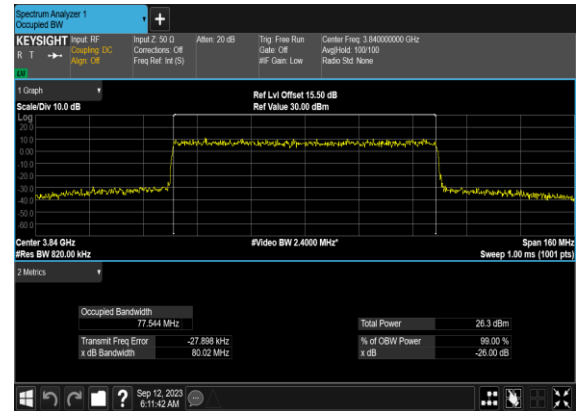
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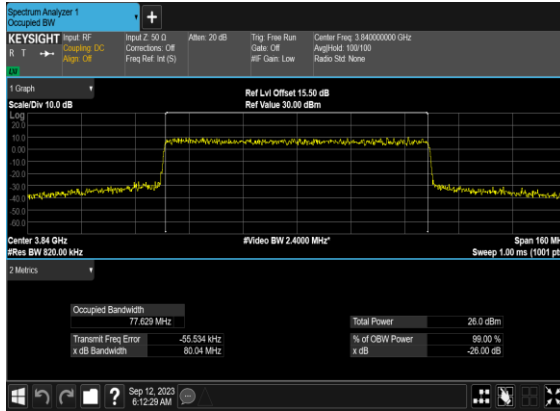
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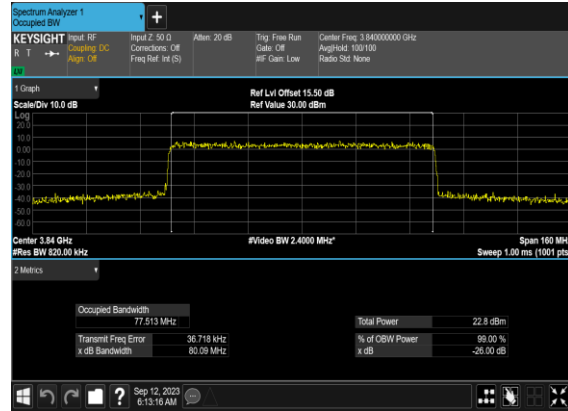
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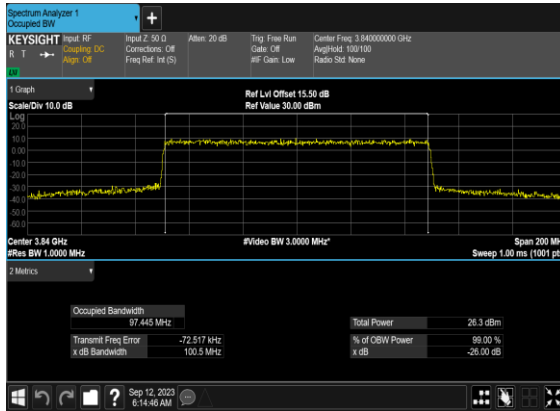
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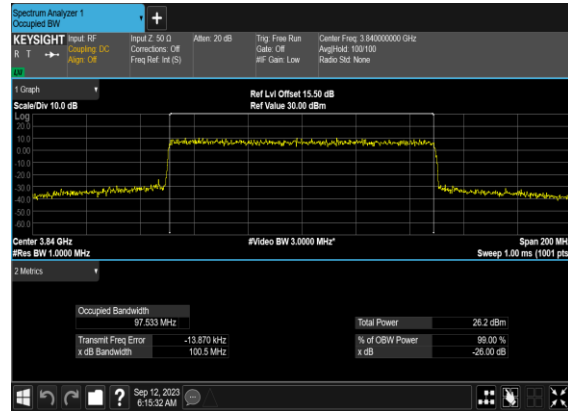
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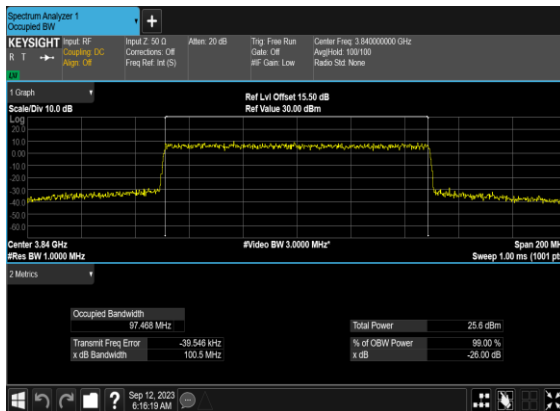
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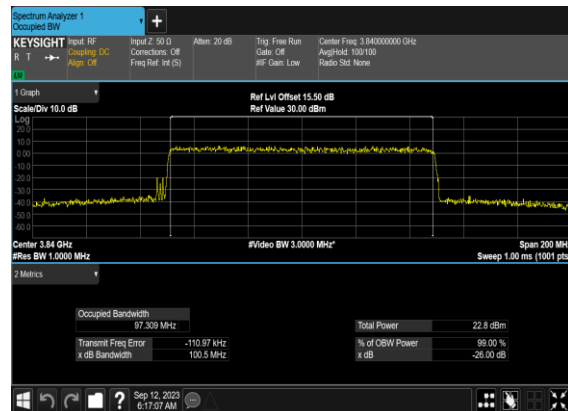
### N77(100M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N77(100M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N77(100M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



## Conducted Spurious Emissions

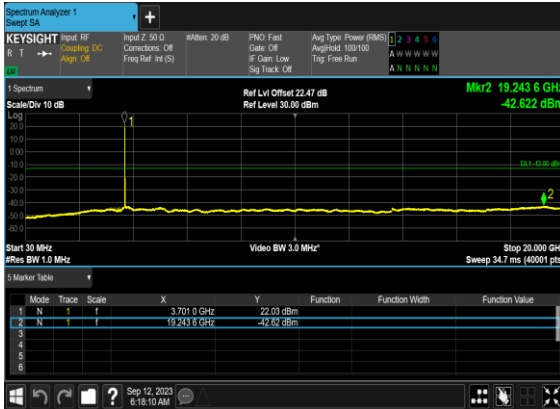
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation     | RB  | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|----------------|-----|-----------|---------|
| 77      | 30        | 20              | 647334 | 3710.01    | CP-OFDM QPSK   | 1@0 | see graph | ---     |
| 77      | 30        | 20              | 647334 | 3710.01    | CP-OFDM QPSK   | 1@0 | see graph | PASS    |
| 77      | 30        | 20              | 647334 | 3710.01    | CP-OFDM QPSK   | 1@0 | see graph | PASS    |
| 77      | 30        | 20              | 647334 | 3710.01    | CP-OFDM 16 QAM | 1@0 | see graph | ---     |
| 77      | 30        | 20              | 647334 | 3710.01    | CP-OFDM 16 QAM | 1@0 | see graph | PASS    |
| 77      | 30        | 20              | 647334 | 3710.01    | CP-OFDM 16 QAM | 1@0 | see graph | PASS    |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK   | 1@0 | see graph | ---     |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK   | 1@0 | see graph | PASS    |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK   | 1@0 | see graph | PASS    |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 16 QAM | 1@0 | see graph | ---     |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 16 QAM | 1@0 | see graph | PASS    |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 16 QAM | 1@0 | see graph | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | CP-OFDM QPSK   | 1@0 | see graph | ---     |
| 77      | 30        | 20              | 664666 | 3969.99    | CP-OFDM QPSK   | 1@0 | see graph | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | CP-OFDM QPSK   | 1@0 | see graph | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | CP-OFDM 16 QAM | 1@0 | see graph | ---     |
| 77      | 30        | 20              | 664666 | 3969.99    | CP-OFDM 16 QAM | 1@0 | see graph | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | CP-OFDM 16 QAM | 1@0 | see graph | PASS    |
| 77      | 30        | 60              | 648668 | 3730.02    | CP-OFDM QPSK   | 1@0 | see graph | ---     |
| 77      | 30        | 60              | 648668 | 3730.02    | CP-OFDM QPSK   | 1@0 | see graph | PASS    |
| 77      | 30        | 60              | 648668 | 3730.02    | CP-OFDM QPSK   | 1@0 | see graph | PASS    |
| 77      | 30        | 60              | 648668 | 3730.02    | CP-OFDM 16 QAM | 1@0 | see graph | ---     |
| 77      | 30        | 60              | 648668 | 3730.02    | CP-OFDM 16 QAM | 1@0 | see graph | PASS    |

|    |    |     |        |         |                   |     |           |             |
|----|----|-----|--------|---------|-------------------|-----|-----------|-------------|
| 77 | 30 | 60  | 648668 | 3730.02 | CP-OFDM<br>16 QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 60  | 656000 | 3840.0  | CP-OFDM<br>QPSK   | 1@0 | see graph | ---         |
| 77 | 30 | 60  | 656000 | 3840.0  | CP-OFDM<br>QPSK   | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 60  | 656000 | 3840.0  | CP-OFDM<br>QPSK   | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 60  | 656000 | 3840.0  | CP-OFDM<br>16 QAM | 1@0 | see graph | ---         |
| 77 | 30 | 60  | 656000 | 3840.0  | CP-OFDM<br>16 QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 60  | 656000 | 3840.0  | CP-OFDM<br>16 QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 60  | 663332 | 3949.98 | CP-OFDM<br>QPSK   | 1@0 | see graph | ---         |
| 77 | 30 | 60  | 663332 | 3949.98 | CP-OFDM<br>QPSK   | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 60  | 663332 | 3949.98 | CP-OFDM<br>QPSK   | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 60  | 663332 | 3949.98 | CP-OFDM<br>16 QAM | 1@0 | see graph | ---         |
| 77 | 30 | 60  | 663332 | 3949.98 | CP-OFDM<br>16 QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 60  | 663332 | 3949.98 | CP-OFDM<br>16 QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 650000 | 3750.0  | CP-OFDM<br>QPSK   | 1@0 | see graph | ---         |
| 77 | 30 | 100 | 650000 | 3750.0  | CP-OFDM<br>QPSK   | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 650000 | 3750.0  | CP-OFDM<br>QPSK   | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 650000 | 3750.0  | CP-OFDM<br>16 QAM | 1@0 | see graph | ---         |
| 77 | 30 | 100 | 650000 | 3750.0  | CP-OFDM<br>16 QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 650000 | 3750.0  | CP-OFDM<br>16 QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 656000 | 3840.0  | CP-OFDM<br>QPSK   | 1@0 | see graph | ---         |
| 77 | 30 | 100 | 656000 | 3840.0  | CP-OFDM<br>QPSK   | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 656000 | 3840.0  | CP-OFDM<br>QPSK   | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 656000 | 3840.0  | CP-OFDM<br>16 QAM | 1@0 | see graph | ---         |
| 77 | 30 | 100 | 656000 | 3840.0  | CP-OFDM<br>16 QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 656000 | 3840.0  | CP-OFDM<br>16 QAM | 1@0 | see graph | <b>PASS</b> |

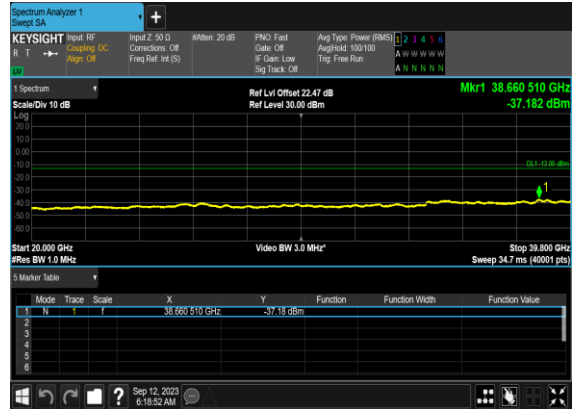
|    |    |     |        |        |                   |     |           |             |
|----|----|-----|--------|--------|-------------------|-----|-----------|-------------|
| 77 | 30 | 100 | 662000 | 3930.0 | CP-OFDM<br>QPSK   | 1@0 | see graph | ---         |
| 77 | 30 | 100 | 662000 | 3930.0 | CP-OFDM<br>QPSK   | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 662000 | 3930.0 | CP-OFDM<br>QPSK   | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 662000 | 3930.0 | CP-OFDM<br>16 QAM | 1@0 | see graph | ---         |
| 77 | 30 | 100 | 662000 | 3930.0 | CP-OFDM<br>16 QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 662000 | 3930.0 | CP-OFDM<br>16 QAM | 1@0 | see graph | <b>PASS</b> |



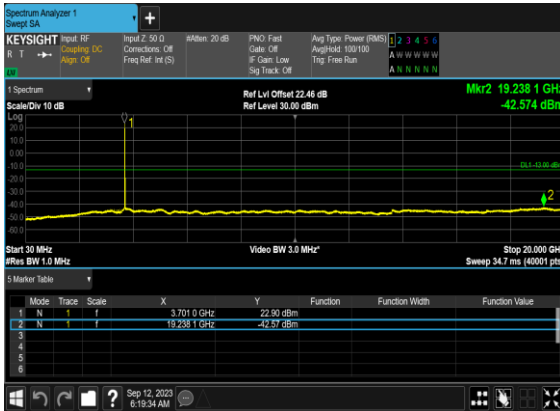
N77(20M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



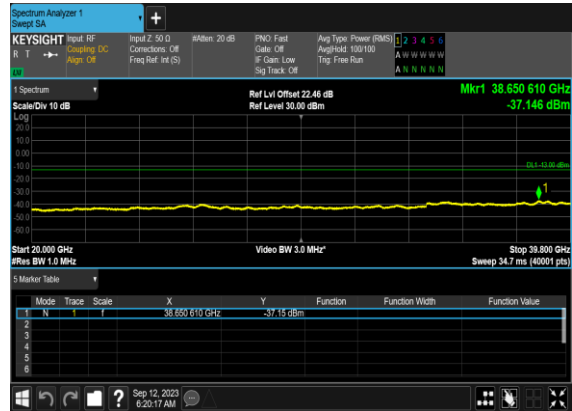
N77(20M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



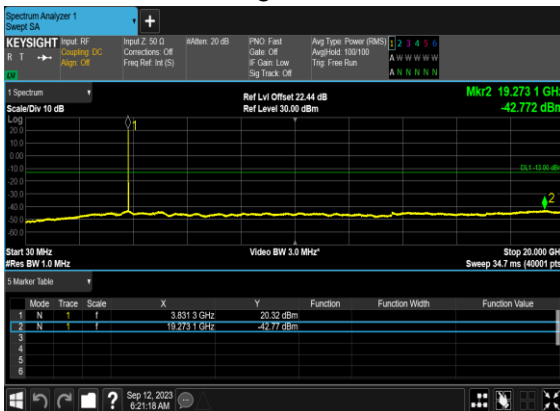
N77(20M)\_CP-OFDM\_16  
QAM\_Edge\_1RB\_Left\_Low\_CH



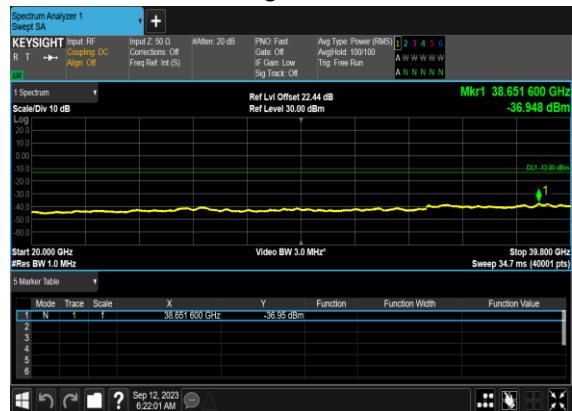
N77(20M)\_CP-OFDM\_16  
QAM\_Edge\_1RB\_Left\_Low\_CH



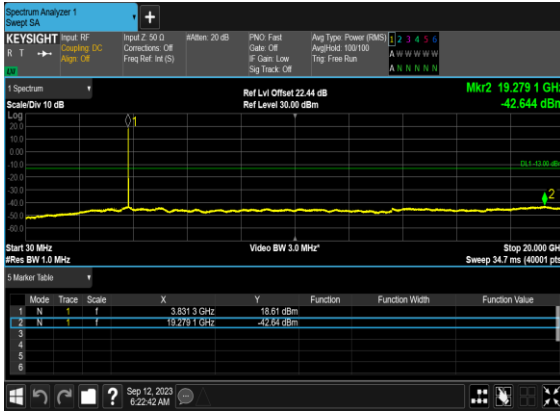
N77(20M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



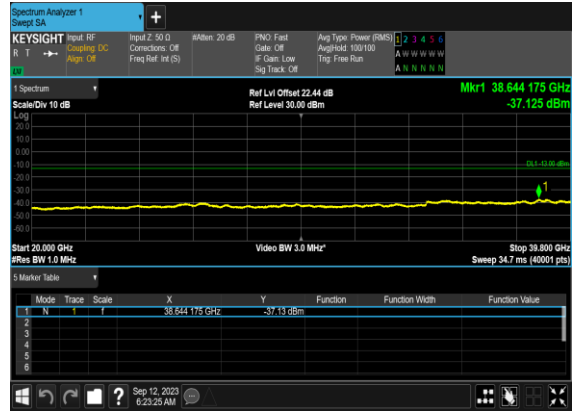
N77(20M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



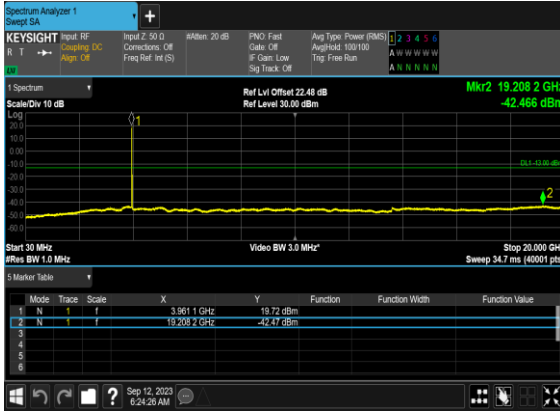
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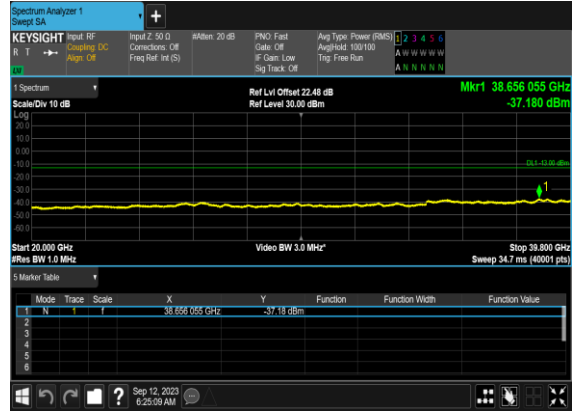
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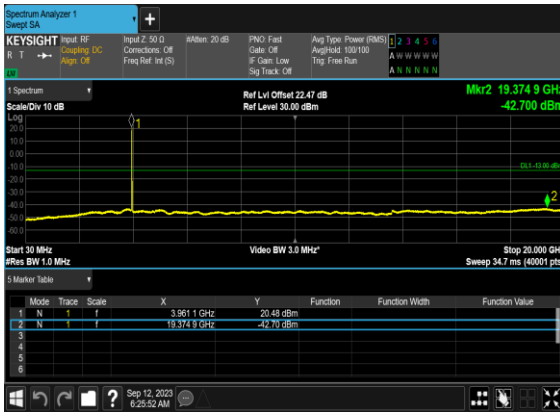
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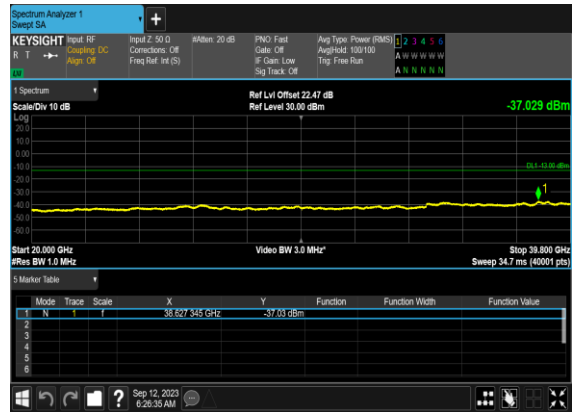
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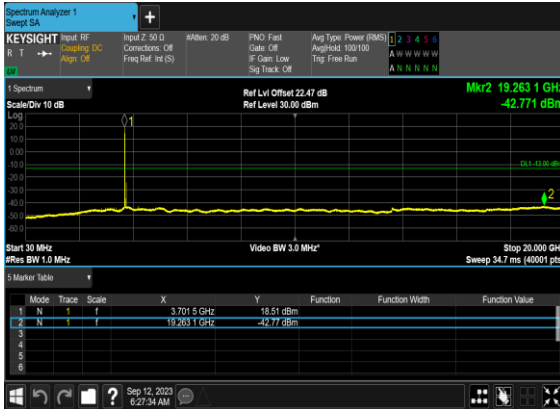
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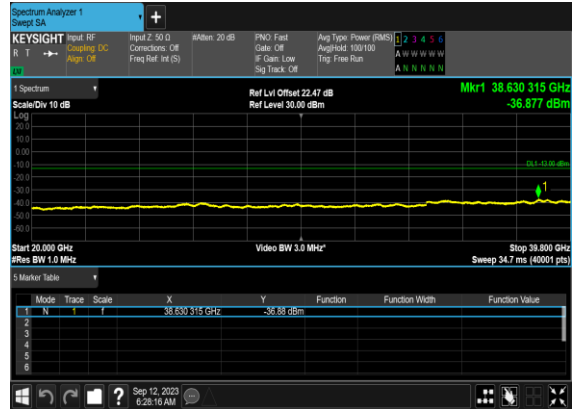
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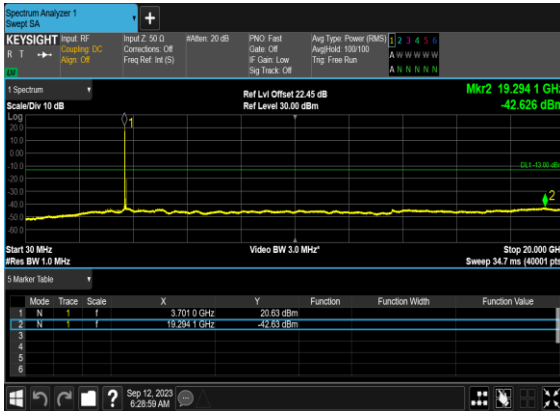
N77(60M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



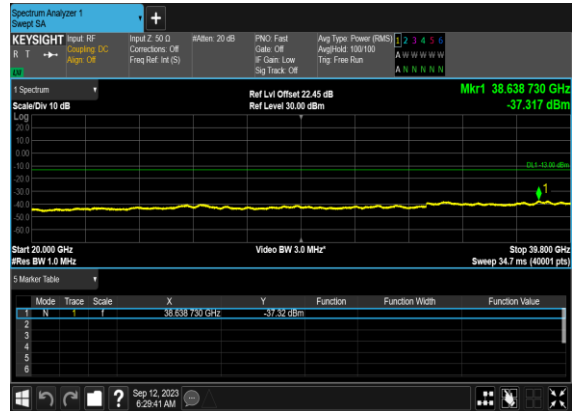
N77(60M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



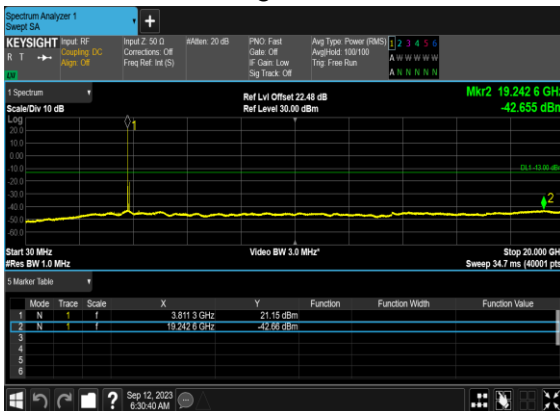
N77(60M)\_CP-OFDM\_16  
QAM\_Edge\_1RB\_Left\_Low\_CH



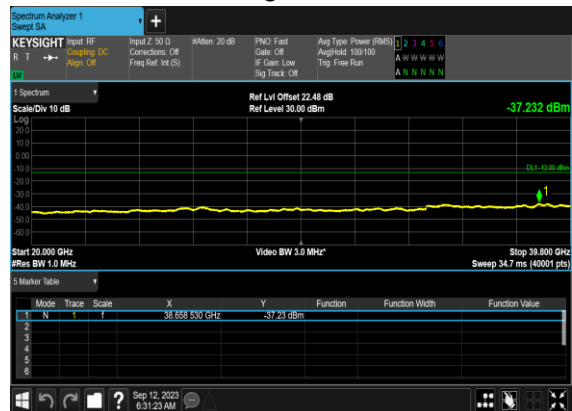
N77(60M)\_CP-OFDM\_16  
QAM\_Edge\_1RB\_Left\_Low\_CH



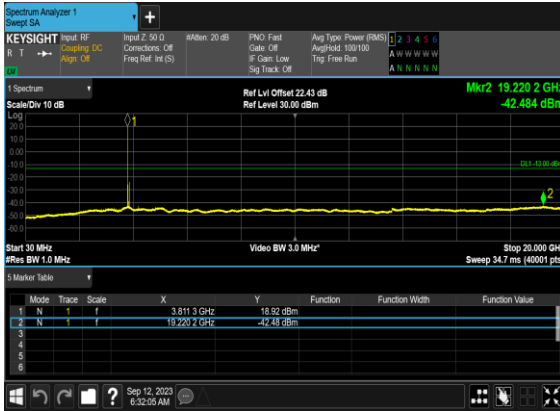
N77(60M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



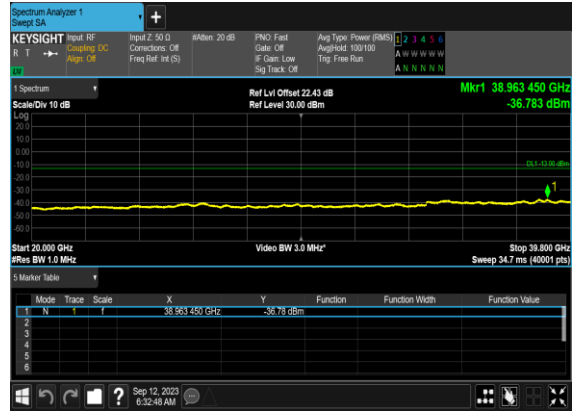
N77(60M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



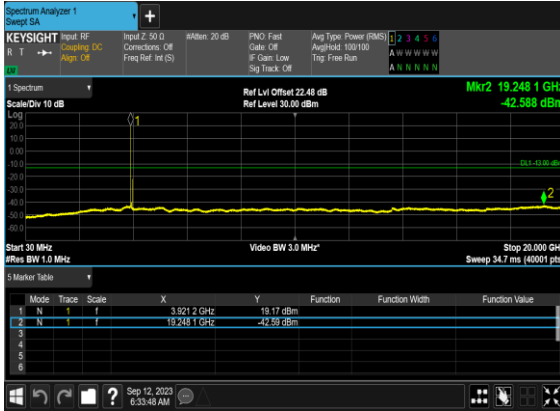
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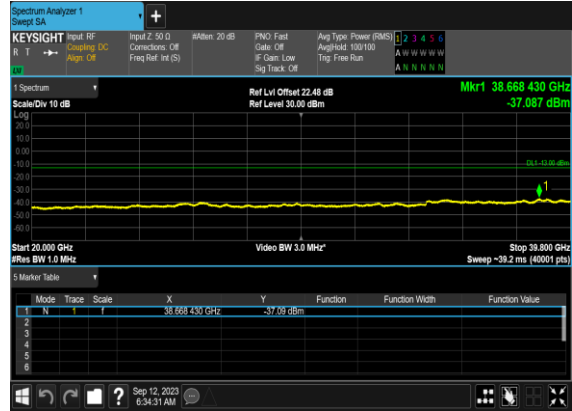
### N77(60M)\_CP-OFDM\_16 QAM\_Edge\_1RB\_Left\_Mid\_CH



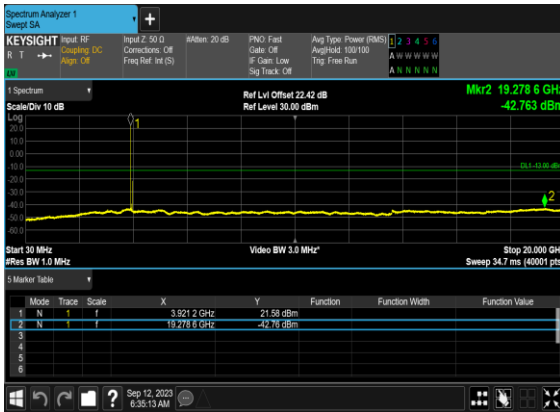
### N77(60M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### 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

