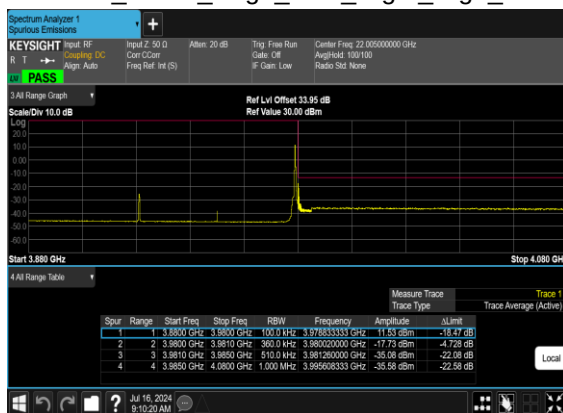
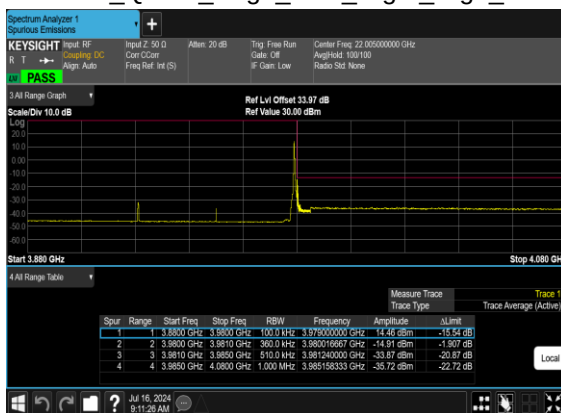




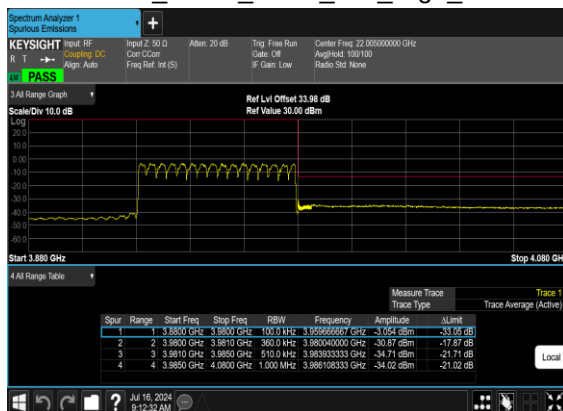
N77(60M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



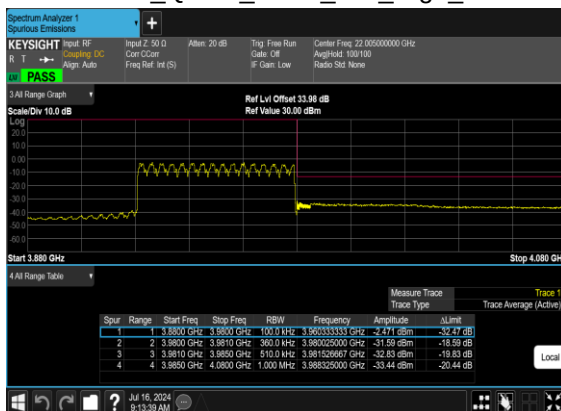
N77(60M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N77(60M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH

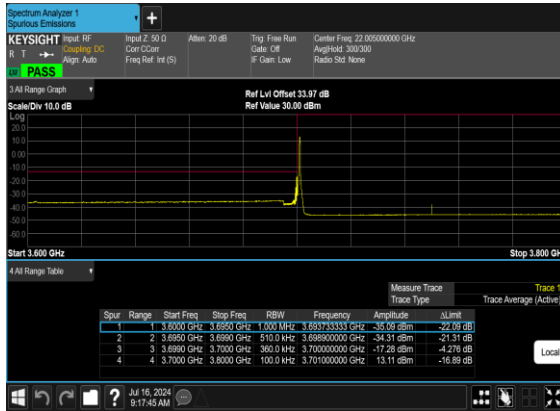


N77(60M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH

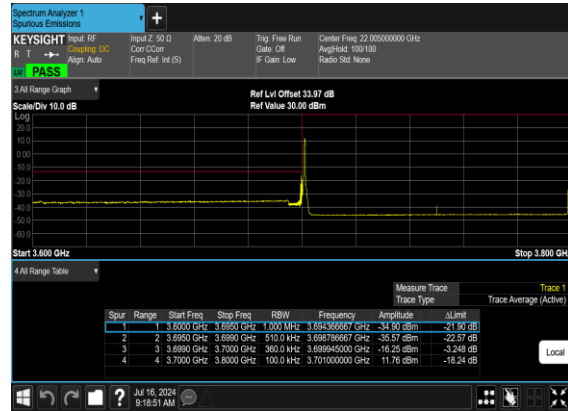




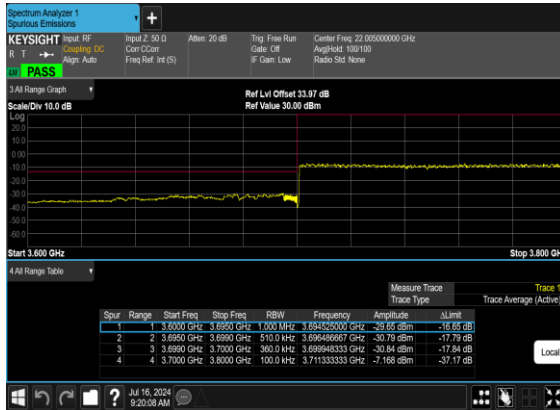
N77(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



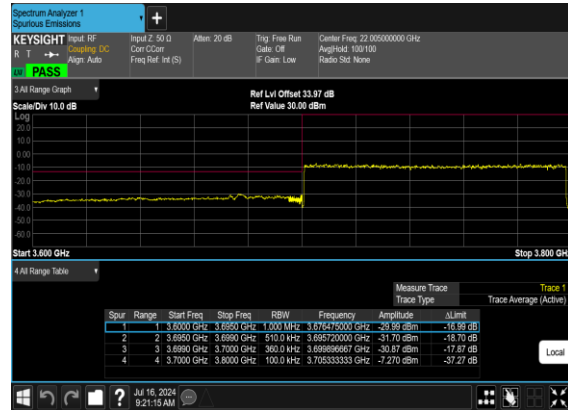
N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH

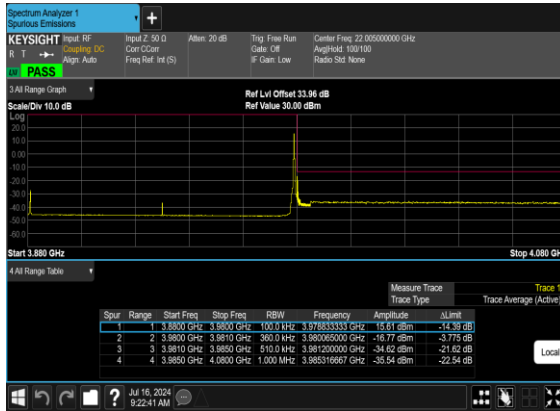


N77(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

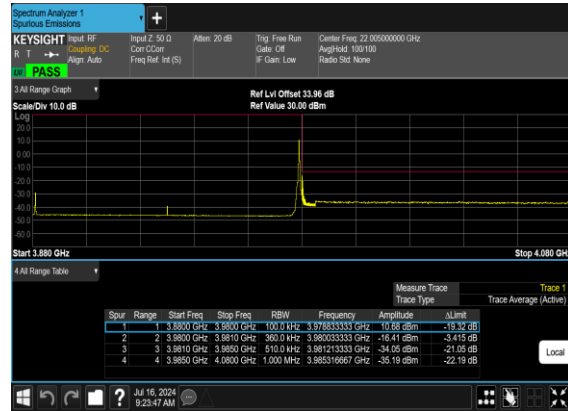




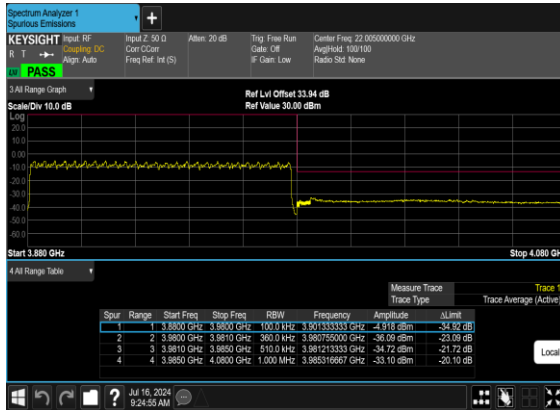
N77(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



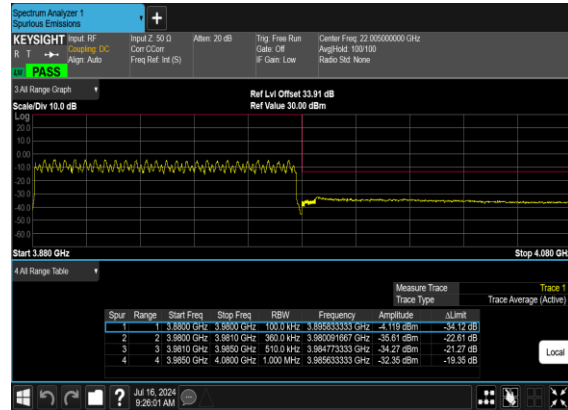
N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N77(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N77(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH





Software Version: 23.06.1602

## FR1 N77 UL MIMO(Ant4+6)

Transmitter Conducted Output Power And EIRP, ( $G_T - L_C$ )=0.74dB

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB     | ANT4 Power(dBm) | ANT6 Power(dBm) | Conducted Power(dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----------|-----------------|--------|------------|-----------------|--------|-----------------|-----------------|----------------------|------------|----------|
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM QPSK    | 137@68 | 21.06           | 19.71           | 23.45                | 24.19      | 0.2623   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM QPSK    | 1@1    | 21.1            | 19.89           | 23.55                | 24.29      | 0.2684   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM QPSK    | 1@271  | 21.03           | 19.64           | 23.40                | 24.14      | 0.2595   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM 16 QAM  | 137@68 | 20.47           | 19.32           | 22.94                | 23.68      | 0.2335   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM 16 QAM  | 1@1    | 20.72           | 19.35           | 23.10                | 23.84      | 0.2421   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM 16 QAM  | 1@271  | 20.67           | 19.09           | 22.96                | 23.70      | 0.2345   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM 64 QAM  | 137@68 | 18.98           | 17.76           | 21.42                | 22.16      | 0.1646   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM 64 QAM  | 1@1    | 19.02           | 17.86           | 21.49                | 22.23      | 0.1671   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM 64 QAM  | 1@271  | 18.84           | 17.63           | 21.29                | 22.03      | 0.1595   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM 256 QAM | 137@68 | 15.92           | 14.73           | 18.38                | 19.12      | 0.0816   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM 256 QAM | 1@1    | 15.9            | 14.93           | 18.45                | 19.19      | 0.0830   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM 256 QAM | 1@271  | 15.74           | 14.65           | 18.24                | 18.98      | 0.0791   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM QPSK    | 137@68 | 21.29           | 19.77           | 23.61                | 24.35      | 0.2720   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM QPSK    | 1@1    | 21.25           | 19.93           | 23.65                | 24.39      | 0.2748   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM QPSK    | 1@271  | 21.41           | 20.02           | 23.78                | 24.52      | 0.2832   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM 16 QAM  | 137@68 | 20.86           | 19.34           | 23.18                | 23.92      | 0.2464   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM 16 QAM  | 1@1    | 21              | 19.24           | 23.22                | 23.96      | 0.2488   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM 16 QAM  | 1@271  | 21.11           | 19.24           | 23.29                | 24.03      | 0.2526   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM 64 QAM  | 137@68 | 19.28           | 17.61           | 21.54                | 22.28      | 0.1689   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM 64 QAM  | 1@1    | 19.12           | 17.73           | 21.49                | 22.23      | 0.1671   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM 64 QAM  | 1@271  | 19.23           | 17.77           | 21.57                | 22.31      | 0.1703   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM 256 QAM | 137@68 | 16.23           | 14.64           | 18.52                | 19.26      | 0.0843   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM 256 QAM | 1@1    | 15.97           | 14.86           | 18.46                | 19.20      | 0.0832   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM 256 QAM | 1@271  | 15.96           | 14.84           | 18.45                | 19.19      | 0.0829   |
| 77      | 30        | 100             | 662000 | 3930       | CP-OFDM QPSK    | 137@68 | 21.57           | 19.87           | 23.81                | 24.55      | 0.2853   |
| 77      | 30        | 100             | 662000 | 3930       | CP-OFDM QPSK    | 1@1    | 21.5            | 19.72           | 23.71                | 24.45      | 0.2787   |
| 77      | 30        | 100             | 662000 | 3930       | CP-OFDM QPSK    | 1@271  | 21.7            | 20.88           | 24.32                | 25.06      | 0.3206   |



|    |    |     |        |         |                    |        |       |       |       |       |        |
|----|----|-----|--------|---------|--------------------|--------|-------|-------|-------|-------|--------|
| 77 | 30 | 100 | 662000 | 3930    | CP-OFDM<br>16 QAM  | 137@68 | 21.04 | 19.40 | 23.31 | 24.05 | 0.2539 |
| 77 | 30 | 100 | 662000 | 3930    | CP-OFDM<br>16 QAM  | 1@1    | 21.22 | 19.1  | 23.30 | 24.04 | 0.2534 |
| 77 | 30 | 100 | 662000 | 3930    | CP-OFDM<br>16 QAM  | 1@271  | 21.3  | 19.41 | 23.47 | 24.21 | 0.2635 |
| 77 | 30 | 100 | 662000 | 3930    | CP-OFDM<br>64 QAM  | 137@68 | 19.52 | 17.86 | 21.78 | 22.52 | 0.1786 |
| 77 | 30 | 100 | 662000 | 3930    | CP-OFDM<br>64 QAM  | 1@1    | 19.34 | 17.59 | 21.56 | 22.30 | 0.1699 |
| 77 | 30 | 100 | 662000 | 3930    | CP-OFDM<br>64 QAM  | 1@271  | 19.6  | 17.91 | 21.85 | 22.59 | 0.1814 |
| 77 | 30 | 100 | 662000 | 3930    | CP-OFDM<br>256 QAM | 137@68 | 16.46 | 14.85 | 18.74 | 19.48 | 0.0887 |
| 77 | 30 | 100 | 662000 | 3930    | CP-OFDM<br>256 QAM | 1@1    | 16.3  | 14.69 | 18.58 | 19.32 | 0.0855 |
| 77 | 30 | 100 | 662000 | 3930    | CP-OFDM<br>256 QAM | 1@271  | 16.39 | 15    | 18.76 | 19.50 | 0.0891 |
| 77 | 30 | 20  | 647334 | 3710.01 | CP-OFDM<br>QPSK    | 1@1    | 21.43 | 20.12 | 23.83 | 24.57 | 0.2867 |
| 77 | 30 | 20  | 647334 | 3710.01 | CP-OFDM<br>16 QAM  | 1@1    | 21.18 | 19.56 | 23.46 | 24.20 | 0.2627 |
| 77 | 30 | 20  | 647334 | 3710.01 | CP-OFDM<br>64 QAM  | 1@1    | 19.33 | 18.14 | 21.79 | 22.53 | 0.1789 |
| 77 | 30 | 20  | 656000 | 3840    | CP-OFDM<br>QPSK    | 1@1    | 21.57 | 20.07 | 23.89 | 24.63 | 0.2907 |
| 77 | 30 | 20  | 656000 | 3840    | CP-OFDM<br>16 QAM  | 1@1    | 21.33 | 19.56 | 23.54 | 24.28 | 0.2682 |
| 77 | 30 | 20  | 656000 | 3840    | CP-OFDM<br>64 QAM  | 1@1    | 19.51 | 18.17 | 21.90 | 22.64 | 0.1837 |
| 77 | 30 | 20  | 664666 | 3969.99 | CP-OFDM<br>QPSK    | 1@1    | 21.94 | 20.46 | 24.27 | 25.01 | 0.3172 |
| 77 | 30 | 20  | 664666 | 3969.99 | CP-OFDM<br>16 QAM  | 1@1    | 21.61 | 19.89 | 23.84 | 24.58 | 0.2874 |
| 77 | 30 | 20  | 664666 | 3969.99 | CP-OFDM<br>64 QAM  | 1@1    | 19.76 | 18.37 | 22.13 | 22.87 | 0.1937 |
| 77 | 30 | 30  | 647668 | 3715.02 | CP-OFDM<br>QPSK    | 1@1    | 21.58 | 20.22 | 23.96 | 24.70 | 0.2953 |
| 77 | 30 | 30  | 647668 | 3715.02 | CP-OFDM<br>16 QAM  | 1@1    | 21.27 | 19.69 | 23.56 | 24.30 | 0.2693 |
| 77 | 30 | 30  | 647668 | 3715.02 | CP-OFDM<br>64 QAM  | 1@1    | 19.4  | 18.17 | 21.84 | 22.58 | 0.1811 |
| 77 | 30 | 30  | 656000 | 3840    | CP-OFDM<br>QPSK    | 1@1    | 21.61 | 20.16 | 23.96 | 24.70 | 0.2948 |
| 77 | 30 | 30  | 656000 | 3840    | CP-OFDM<br>16 QAM  | 1@1    | 21.14 | 19.59 | 23.44 | 24.18 | 0.2621 |
| 77 | 30 | 30  | 656000 | 3840    | CP-OFDM<br>64 QAM  | 1@1    | 19.52 | 18.14 | 21.89 | 22.63 | 0.1834 |
| 77 | 30 | 30  | 664332 | 3964.98 | CP-OFDM<br>QPSK    | 1@1    | 21.85 | 20.41 | 24.20 | 24.94 | 0.3119 |
| 77 | 30 | 30  | 664332 | 3964.98 | CP-OFDM<br>16 QAM  | 1@1    | 21.48 | 19.93 | 23.78 | 24.52 | 0.2834 |
| 77 | 30 | 30  | 664332 | 3964.98 | CP-OFDM<br>64 QAM  | 1@1    | 19.75 | 18.4  | 22.14 | 22.88 | 0.1940 |
| 77 | 30 | 40  | 648000 | 3720    | CP-OFDM<br>QPSK    | 1@1    | 21.68 | 20.3  | 24.05 | 24.79 | 0.3016 |
| 77 | 30 | 40  | 648000 | 3720    | CP-OFDM<br>16 QAM  | 1@1    | 21.41 | 19.77 | 23.68 | 24.42 | 0.2765 |
| 77 | 30 | 40  | 648000 | 3720    | CP-OFDM<br>64 QAM  | 1@1    | 19.55 | 18.24 | 21.95 | 22.69 | 0.1860 |
| 77 | 30 | 40  | 656000 | 3840    | CP-OFDM<br>QPSK    | 1@1    | 21.8  | 20.25 | 24.10 | 24.84 | 0.3051 |
| 77 | 30 | 40  | 656000 | 3840    | CP-OFDM<br>16 QAM  | 1@1    | 21.36 | 19.66 | 23.60 | 24.34 | 0.2718 |
| 77 | 30 | 40  | 656000 | 3840    | CP-OFDM<br>64 QAM  | 1@1    | 19.64 | 18.25 | 22.01 | 22.75 | 0.1884 |



|    |    |    |        |         |                   |     |       |       |       |       |        |
|----|----|----|--------|---------|-------------------|-----|-------|-------|-------|-------|--------|
| 77 | 30 | 40 | 664000 | 3960    | CP-OFDM<br>QPSK   | 1@1 | 21.86 | 20.36 | 24.18 | 24.92 | 0.3108 |
| 77 | 30 | 40 | 664000 | 3960    | CP-OFDM<br>16 QAM | 1@1 | 21.43 | 19.89 | 23.74 | 24.48 | 0.2804 |
| 77 | 30 | 40 | 664000 | 3960    | CP-OFDM<br>64 QAM | 1@1 | 19.81 | 18.39 | 22.17 | 22.91 | 0.1953 |
| 77 | 30 | 50 | 648334 | 3725.01 | CP-OFDM<br>QPSK   | 1@1 | 21.32 | 20    | 23.72 | 24.46 | 0.2793 |
| 77 | 30 | 50 | 648334 | 3725.01 | CP-OFDM<br>16 QAM | 1@1 | 21.08 | 19.48 | 23.36 | 24.10 | 0.2573 |
| 77 | 30 | 50 | 648334 | 3725.01 | CP-OFDM<br>64 QAM | 1@1 | 19.17 | 17.99 | 21.63 | 22.37 | 0.1726 |
| 77 | 30 | 50 | 656000 | 3840    | CP-OFDM<br>QPSK   | 1@1 | 21.44 | 20.07 | 23.82 | 24.56 | 0.2857 |
| 77 | 30 | 50 | 656000 | 3840    | CP-OFDM<br>16 QAM | 1@1 | 21.09 | 19.49 | 23.37 | 24.11 | 0.2578 |
| 77 | 30 | 50 | 656000 | 3840    | CP-OFDM<br>64 QAM | 1@1 | 19.41 | 18.05 | 21.79 | 22.53 | 0.1792 |
| 77 | 30 | 50 | 663666 | 3954.99 | CP-OFDM<br>QPSK   | 1@1 | 21.63 | 20.2  | 23.98 | 24.72 | 0.2967 |
| 77 | 30 | 50 | 663666 | 3954.99 | CP-OFDM<br>16 QAM | 1@1 | 21.41 | 19.65 | 23.63 | 24.37 | 0.2735 |
| 77 | 30 | 50 | 663666 | 3954.99 | CP-OFDM<br>64 QAM | 1@1 | 19.42 | 18.15 | 21.84 | 22.58 | 0.1812 |
| 77 | 30 | 60 | 648668 | 3730.02 | CP-OFDM<br>QPSK   | 1@1 | 21.25 | 19.99 | 23.68 | 24.42 | 0.2764 |
| 77 | 30 | 60 | 648668 | 3730.02 | CP-OFDM<br>16 QAM | 1@1 | 20.97 | 19.37 | 23.25 | 23.99 | 0.2508 |
| 77 | 30 | 60 | 648668 | 3730.02 | CP-OFDM<br>64 QAM | 1@1 | 19.18 | 17.96 | 21.62 | 22.36 | 0.1723 |
| 77 | 30 | 60 | 656000 | 3840    | CP-OFDM<br>QPSK   | 1@1 | 21.51 | 20.05 | 23.85 | 24.59 | 0.2878 |
| 77 | 30 | 60 | 656000 | 3840    | CP-OFDM<br>16 QAM | 1@1 | 21.11 | 19.5  | 23.39 | 24.13 | 0.2588 |
| 77 | 30 | 60 | 656000 | 3840    | CP-OFDM<br>64 QAM | 1@1 | 19.41 | 18.11 | 21.82 | 22.56 | 0.1803 |
| 77 | 30 | 60 | 663332 | 3949.98 | CP-OFDM<br>QPSK   | 1@1 | 21.69 | 20.13 | 23.99 | 24.73 | 0.2972 |
| 77 | 30 | 60 | 663332 | 3949.98 | CP-OFDM<br>16 QAM | 1@1 | 21.01 | 19.69 | 23.41 | 24.15 | 0.2600 |
| 77 | 30 | 60 | 663332 | 3949.98 | CP-OFDM<br>64 QAM | 1@1 | 19.49 | 18.09 | 21.86 | 22.60 | 0.1818 |
| 77 | 30 | 70 | 649000 | 3735    | CP-OFDM<br>QPSK   | 1@1 | 21.22 | 19.95 | 23.64 | 24.38 | 0.2743 |
| 77 | 30 | 70 | 649000 | 3735    | CP-OFDM<br>16 QAM | 1@1 | 20.78 | 19.35 | 23.13 | 23.87 | 0.2440 |
| 77 | 30 | 70 | 649000 | 3735    | CP-OFDM<br>64 QAM | 1@1 | 19.06 | 17.97 | 21.56 | 22.30 | 0.1698 |
| 77 | 30 | 70 | 656000 | 3840    | CP-OFDM<br>QPSK   | 1@1 | 21.35 | 19.98 | 23.73 | 24.47 | 0.2798 |
| 77 | 30 | 70 | 656000 | 3840    | CP-OFDM<br>16 QAM | 1@1 | 20.85 | 19.41 | 23.20 | 23.94 | 0.2477 |
| 77 | 30 | 70 | 656000 | 3840    | CP-OFDM<br>64 QAM | 1@1 | 19.1  | 17.93 | 21.56 | 22.30 | 0.1700 |
| 77 | 30 | 70 | 663000 | 3945    | CP-OFDM<br>QPSK   | 1@1 | 21.49 | 20.13 | 23.87 | 24.61 | 0.2893 |
| 77 | 30 | 70 | 663000 | 3945    | CP-OFDM<br>16 QAM | 1@1 | 21.29 | 19.51 | 23.50 | 24.24 | 0.2655 |
| 77 | 30 | 70 | 663000 | 3945    | CP-OFDM<br>64 QAM | 1@1 | 19.43 | 18.02 | 21.79 | 22.53 | 0.1792 |
| 77 | 30 | 80 | 649334 | 3740.01 | CP-OFDM<br>QPSK   | 1@1 | 21.24 | 19.95 | 23.65 | 24.39 | 0.2750 |
| 77 | 30 | 80 | 649334 | 3740.01 | CP-OFDM<br>16 QAM | 1@1 | 20.9  | 19.4  | 23.22 | 23.96 | 0.2492 |
| 77 | 30 | 80 | 649334 | 3740.01 | CP-OFDM<br>64 QAM | 1@1 | 19.11 | 17.93 | 21.57 | 22.31 | 0.1702 |



|    |    |    |        |         |                   |     |       |       |       |       |        |
|----|----|----|--------|---------|-------------------|-----|-------|-------|-------|-------|--------|
| 77 | 30 | 80 | 656000 | 3840    | CP-OFDM<br>QPSK   | 1@1 | 21.4  | 20    | 23.77 | 24.51 | 0.2823 |
| 77 | 30 | 80 | 656000 | 3840    | CP-OFDM<br>16 QAM | 1@1 | 20.95 | 19.42 | 23.26 | 24.00 | 0.2513 |
| 77 | 30 | 80 | 656000 | 3840    | CP-OFDM<br>64 QAM | 1@1 | 19.13 | 18.04 | 21.63 | 22.37 | 0.1726 |
| 77 | 30 | 80 | 662666 | 3939.99 | CP-OFDM<br>QPSK   | 1@1 | 21.61 | 20    | 23.89 | 24.63 | 0.2904 |
| 77 | 30 | 80 | 662666 | 3939.99 | CP-OFDM<br>16 QAM | 1@1 | 21.14 | 19.39 | 23.36 | 24.10 | 0.2572 |
| 77 | 30 | 80 | 662666 | 3939.99 | CP-OFDM<br>64 QAM | 1@1 | 19.45 | 17.91 | 21.76 | 22.50 | 0.1778 |
| 77 | 30 | 90 | 649668 | 3745.02 | CP-OFDM<br>QPSK   | 1@1 | 21.19 | 19.94 | 23.62 | 24.36 | 0.2729 |
| 77 | 30 | 90 | 649668 | 3745.02 | CP-OFDM<br>16 QAM | 1@1 | 20.8  | 19.39 | 23.16 | 23.90 | 0.2456 |
| 77 | 30 | 90 | 649668 | 3745.02 | CP-OFDM<br>64 QAM | 1@1 | 19.12 | 17.84 | 21.54 | 22.28 | 0.1689 |
| 77 | 30 | 90 | 656000 | 3840    | CP-OFDM<br>QPSK   | 1@1 | 21.29 | 19.91 | 23.66 | 24.40 | 0.2757 |
| 77 | 30 | 90 | 656000 | 3840    | CP-OFDM<br>16 QAM | 1@1 | 20.88 | 19.37 | 23.20 | 23.94 | 0.2478 |
| 77 | 30 | 90 | 656000 | 3840    | CP-OFDM<br>64 QAM | 1@1 | 19.13 | 17.93 | 21.58 | 22.32 | 0.1707 |
| 77 | 30 | 90 | 662332 | 3934.98 | CP-OFDM<br>QPSK   | 1@1 | 21.61 | 19.89 | 23.84 | 24.58 | 0.2874 |
| 77 | 30 | 90 | 662332 | 3934.98 | CP-OFDM<br>16 QAM | 1@1 | 21.2  | 19.4  | 23.40 | 24.14 | 0.2596 |
| 77 | 30 | 90 | 662332 | 3934.98 | CP-OFDM<br>64 QAM | 1@1 | 19.3  | 17.91 | 21.67 | 22.41 | 0.1742 |



## FR1 N77 UL MIMO(Ant4+6)-Ant4

### Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation   | RB   | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|--------------|------|-----------------|---------|-------------|
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK | 51@0 | -0.0021         | PASS    | NV          |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK | 51@0 | -0.0008         | PASS    | LV          |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK | 51@0 | 0.0016          | PASS    | HV          |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK | 51@0 | 0.0019          | PASS    | -30℃        |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK | 51@0 | -0.0031         | PASS    | -20℃        |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK | 51@0 | 0.0027          | PASS    | -10℃        |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK | 51@0 | 0.0045          | PASS    | 0℃          |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK | 51@0 | -0.0019         | PASS    | 10℃         |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK | 51@0 | -0.0012         | PASS    | 20℃         |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK | 51@0 | -0.0024         | PASS    | 30℃         |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK | 51@0 | -0.0027         | PASS    | 40℃         |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK | 51@0 | 0.0037          | PASS    | 50℃         |





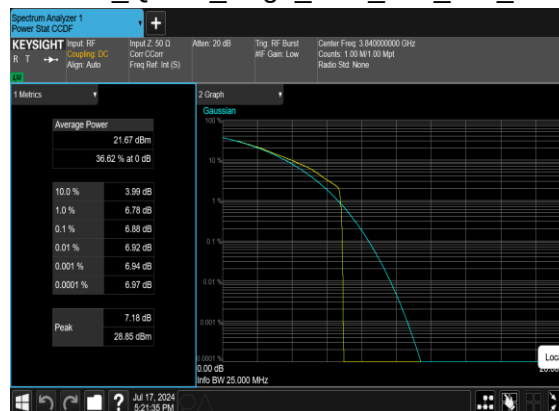
## Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation     | RB   | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|----------------|------|-------------|------------|---------|
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK   | 51@0 | 6.87        | 13         | PASS    |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK   | 1@0  | 6.88        | 13         | PASS    |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 16 QAM | 51@0 | 6.81        | 13         | PASS    |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 16 QAM | 1@0  | 7.84        | 13         | PASS    |

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



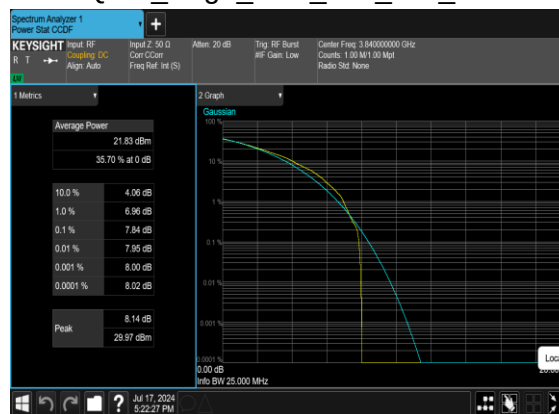
N77(20M)\_CP-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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



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





## Occupied Bandwidth

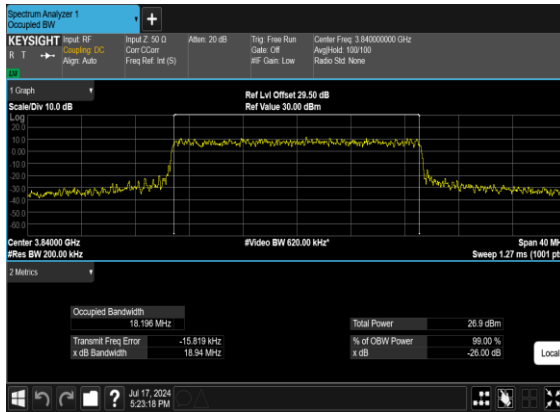
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | OBW (MHz) | 26dB BW (MHz) |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------------|
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK    | 51@0  | 18.196    | 18.94         |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 16 QAM  | 51@0  | 18.21     | 19.35         |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 64 QAM  | 51@0  | 18.149    | 19.36         |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 256 QAM | 51@0  | 18.207    | 19.01         |
| 77      | 30        | 30              | 656000 | 3840.0     | CP-OFDM QPSK    | 78@0  | 27.839    | 29.21         |
| 77      | 30        | 30              | 656000 | 3840.0     | CP-OFDM 16 QAM  | 78@0  | 27.843    | 29.13         |
| 77      | 30        | 30              | 656000 | 3840.0     | CP-OFDM 64 QAM  | 78@0  | 27.777    | 28.88         |
| 77      | 30        | 30              | 656000 | 3840.0     | CP-OFDM 256 QAM | 78@0  | 27.744    | 28.79         |
| 77      | 30        | 40              | 656000 | 3840.0     | CP-OFDM QPSK    | 106@0 | 37.795    | 39.23         |
| 77      | 30        | 40              | 656000 | 3840.0     | CP-OFDM 16 QAM  | 106@0 | 37.857    | 39.35         |
| 77      | 30        | 40              | 656000 | 3840.0     | CP-OFDM 64 QAM  | 106@0 | 37.847    | 39.35         |
| 77      | 30        | 40              | 656000 | 3840.0     | CP-OFDM 256 QAM | 106@0 | 37.74     | 39.16         |
| 77      | 30        | 50              | 656000 | 3840.0     | CP-OFDM QPSK    | 133@0 | 47.466    | 48.94         |
| 77      | 30        | 50              | 656000 | 3840.0     | CP-OFDM 16 QAM  | 133@0 | 47.495    | 49.06         |
| 77      | 30        | 50              | 656000 | 3840.0     | CP-OFDM 64 QAM  | 133@0 | 47.379    | 49.16         |
| 77      | 30        | 50              | 656000 | 3840.0     | CP-OFDM 256 QAM | 133@0 | 47.258    | 49.0          |
| 77      | 30        | 60              | 656000 | 3840.0     | CP-OFDM QPSK    | 162@0 | 57.806    | 59.73         |
| 77      | 30        | 60              | 656000 | 3840.0     | CP-OFDM 16 QAM  | 162@0 | 57.74     | 59.64         |
| 77      | 30        | 60              | 656000 | 3840.0     | CP-OFDM 64 QAM  | 162@0 | 57.785    | 59.69         |
| 77      | 30        | 60              | 656000 | 3840.0     | CP-OFDM 256 QAM | 162@0 | 57.798    | 59.71         |
| 77      | 30        | 70              | 656000 | 3840.0     | CP-OFDM QPSK    | 189@0 | 67.431    | 69.88         |
| 77      | 30        | 70              | 656000 | 3840.0     | CP-OFDM 16 QAM  | 189@0 | 67.569    | 69.68         |
| 77      | 30        | 70              | 656000 | 3840.0     | CP-OFDM 64 QAM  | 189@0 | 67.465    | 69.79         |



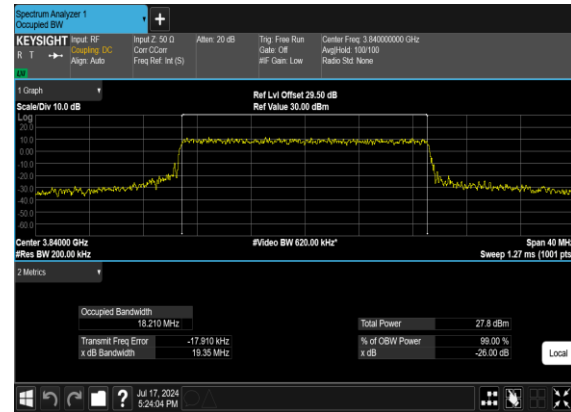
|    |    |     |        |        |                    |       |        |       |
|----|----|-----|--------|--------|--------------------|-------|--------|-------|
| 77 | 30 | 70  | 656000 | 3840.0 | CP-OFDM<br>256 QAM | 189@0 | 67.523 | 69.7  |
| 77 | 30 | 80  | 656000 | 3840.0 | CP-OFDM<br>QPSK    | 217@0 | 77.548 | 79.93 |
| 77 | 30 | 80  | 656000 | 3840.0 | CP-OFDM<br>16 QAM  | 217@0 | 77.625 | 80.04 |
| 77 | 30 | 80  | 656000 | 3840.0 | CP-OFDM<br>64 QAM  | 217@0 | 77.553 | 79.8  |
| 77 | 30 | 80  | 656000 | 3840.0 | CP-OFDM<br>256 QAM | 217@0 | 77.181 | 80.03 |
| 77 | 30 | 90  | 656000 | 3840.0 | CP-OFDM<br>QPSK    | 245@0 | 87.68  | 90.27 |
| 77 | 30 | 90  | 656000 | 3840.0 | CP-OFDM<br>16 QAM  | 245@0 | 87.709 | 90.25 |
| 77 | 30 | 90  | 656000 | 3840.0 | CP-OFDM<br>64 QAM  | 245@0 | 87.495 | 90.27 |
| 77 | 30 | 90  | 656000 | 3840.0 | CP-OFDM<br>256 QAM | 245@0 | 87.447 | 90.43 |
| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM<br>QPSK    | 273@0 | 97.324 | 100.4 |
| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM<br>16 QAM  | 273@0 | 97.38  | 100.4 |
| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM<br>64 QAM  | 273@0 | 97.361 | 100.5 |
| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM<br>256 QAM | 273@0 | 97.69  | 100.4 |



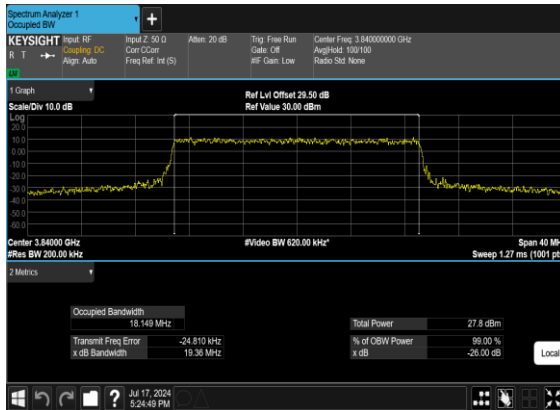
N77(20M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



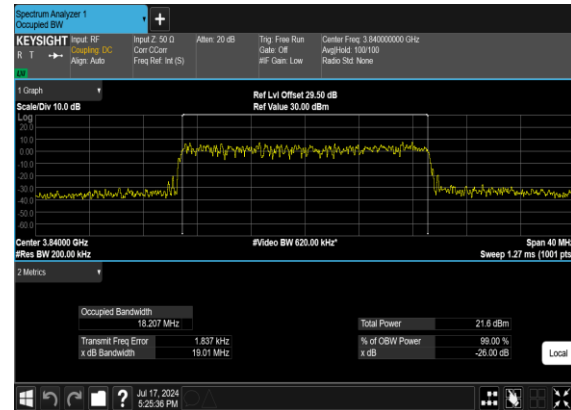
N77(20M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(20M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

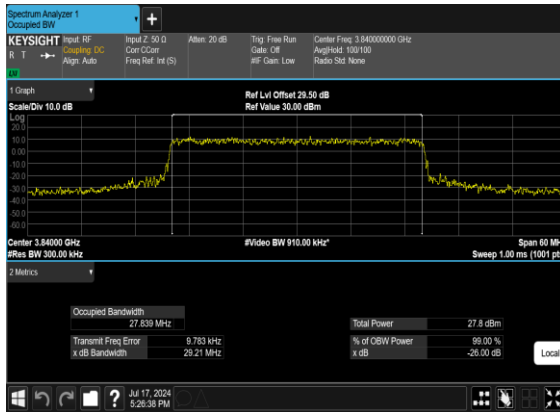


N77(20M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

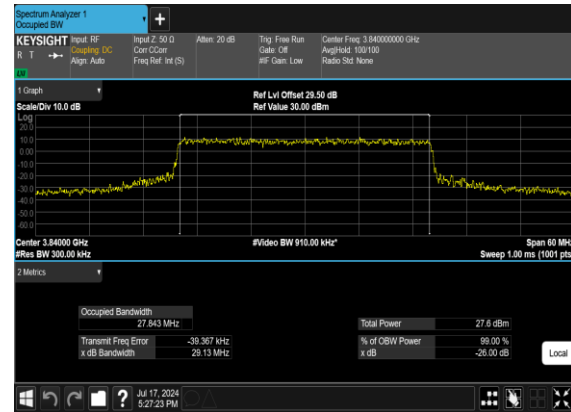




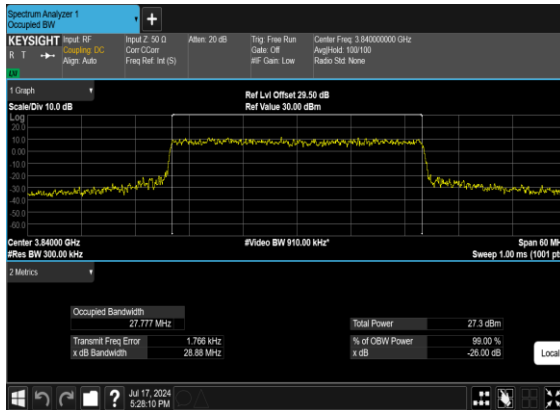
N77(30M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



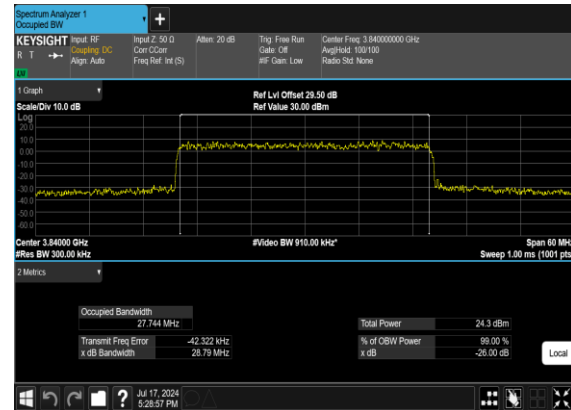
N77(30M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(30M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

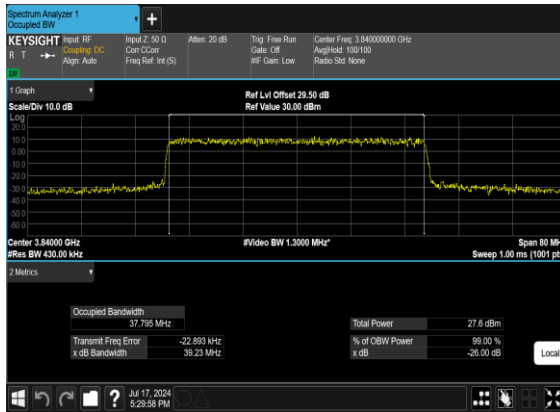


N77(30M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

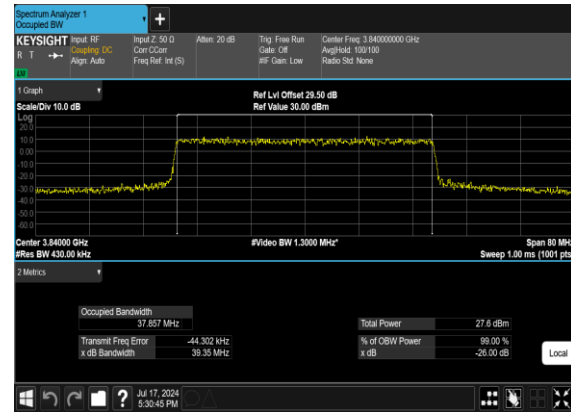




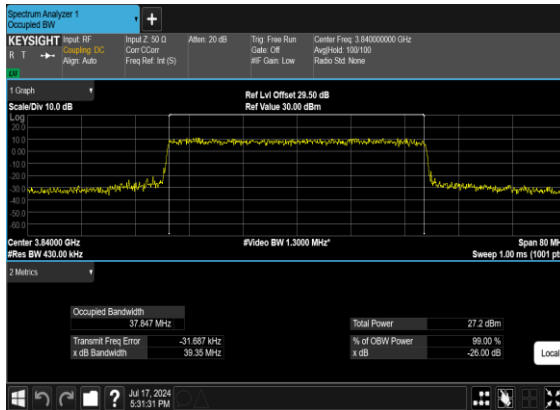
N77(40M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



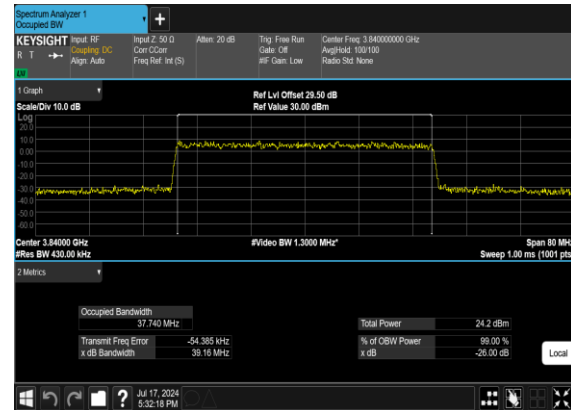
N77(40M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(40M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

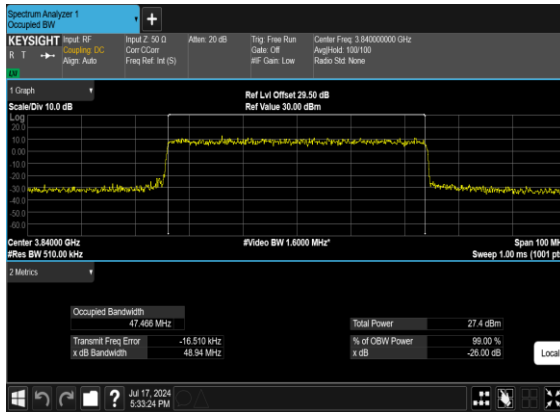


N77(40M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

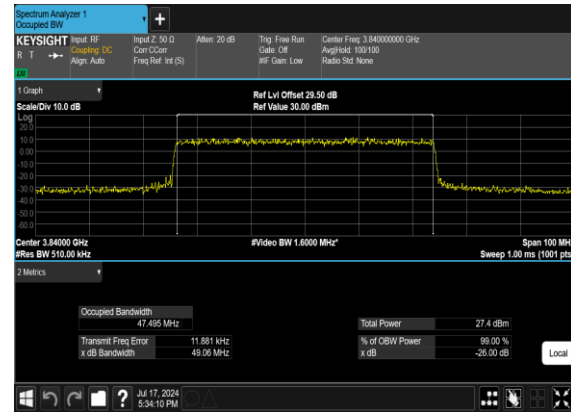




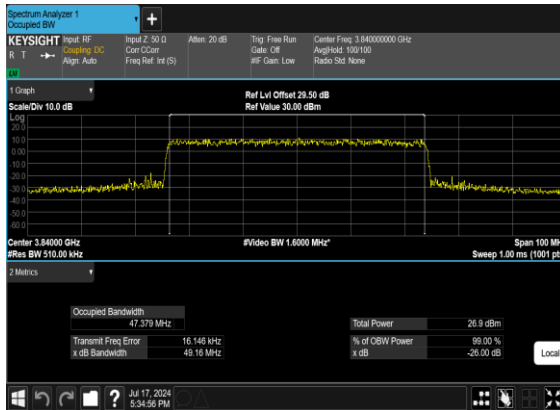
N77(50M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



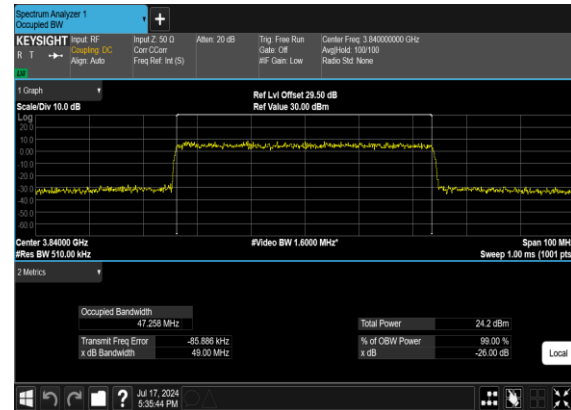
N77(50M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(50M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

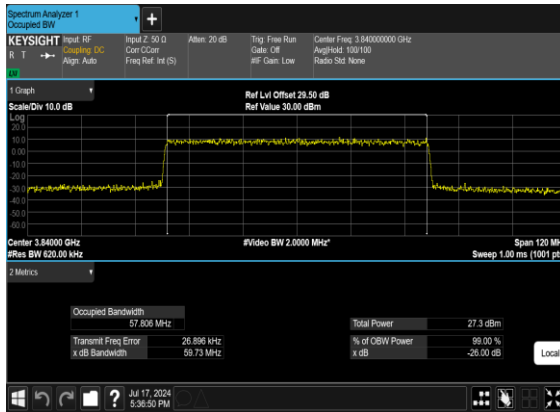


N77(50M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

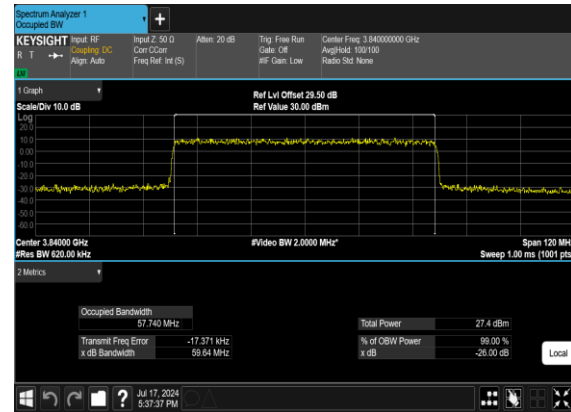




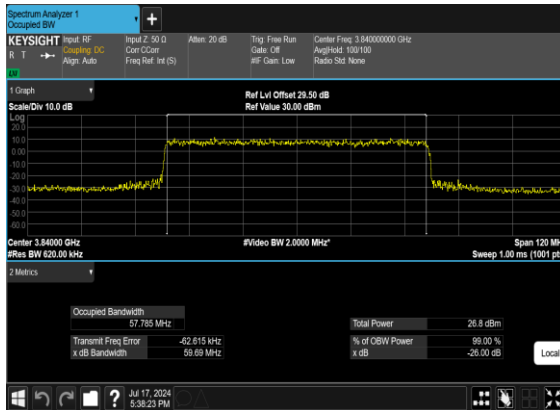
N77(60M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



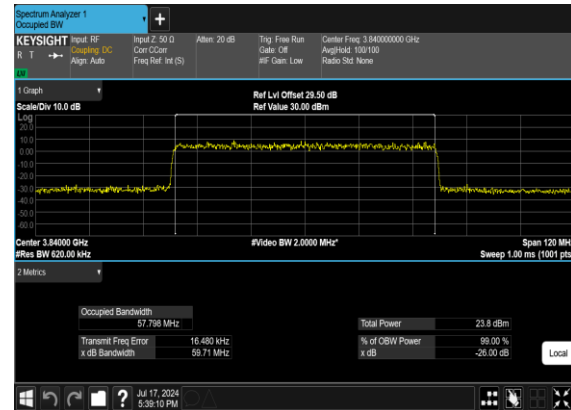
N77(60M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



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



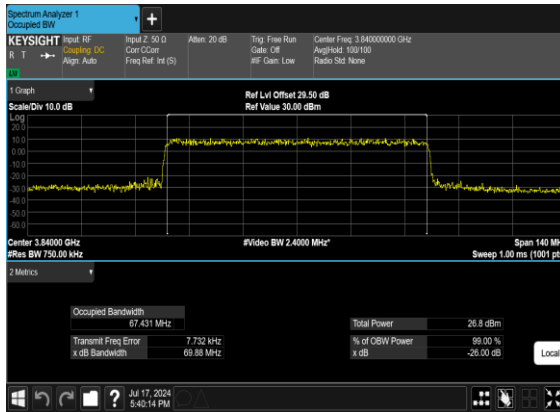
N77(60M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



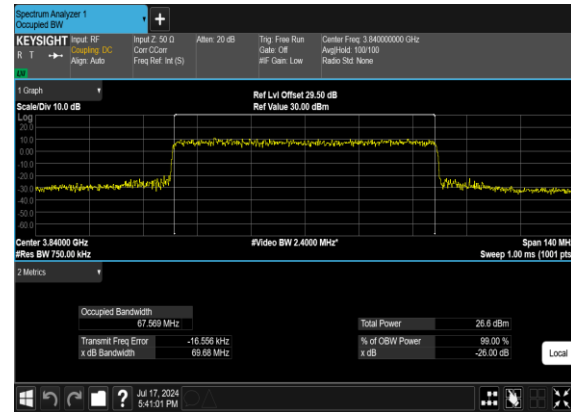




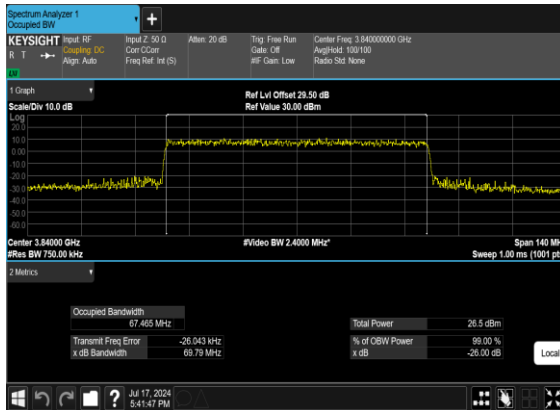
N77(70M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



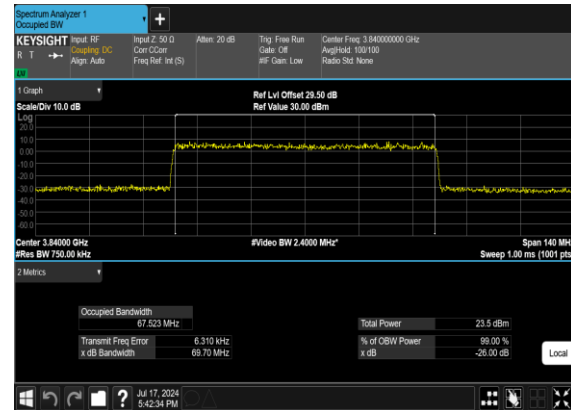
N77(70M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(70M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

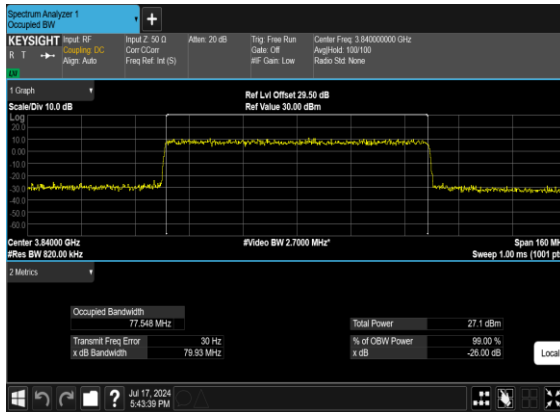


N77(70M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

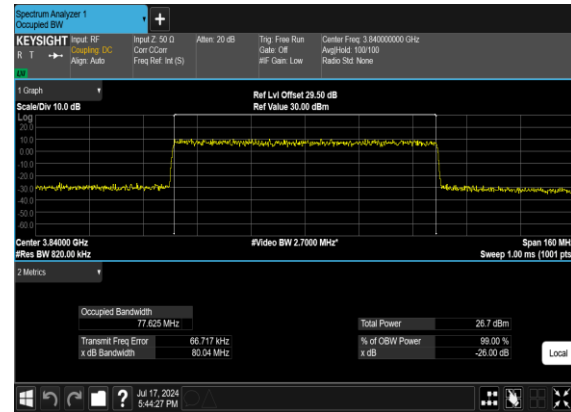




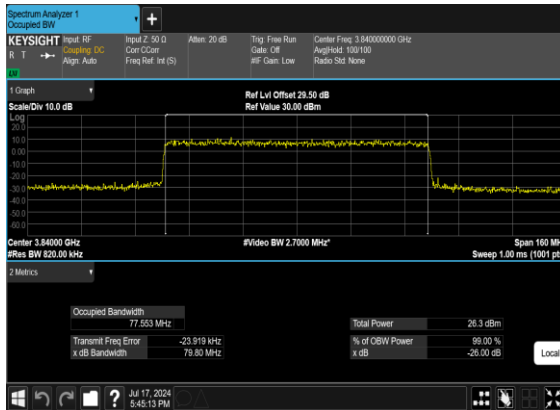
N77(80M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



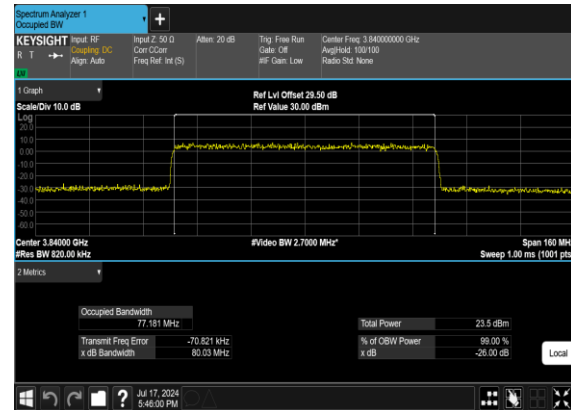
N77(80M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(80M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

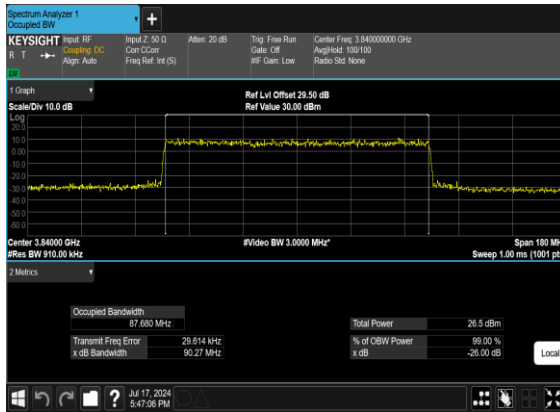


N77(80M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

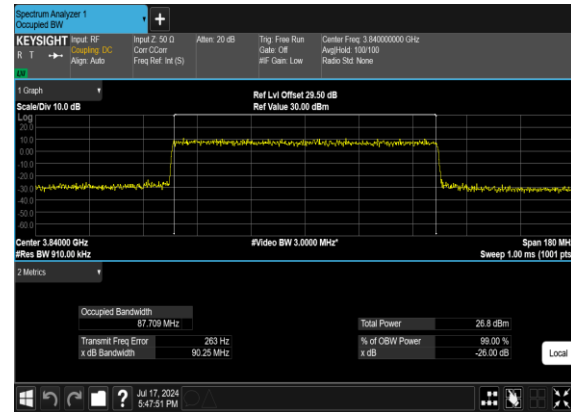




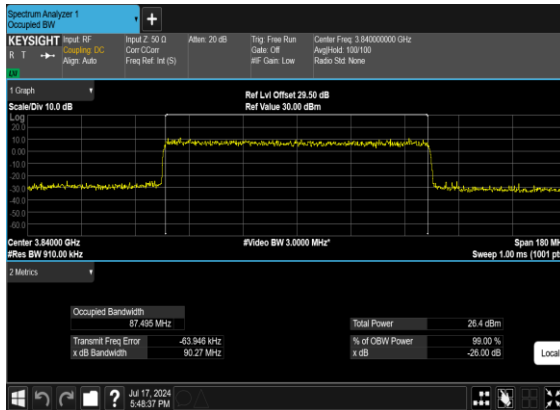
N77(90M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



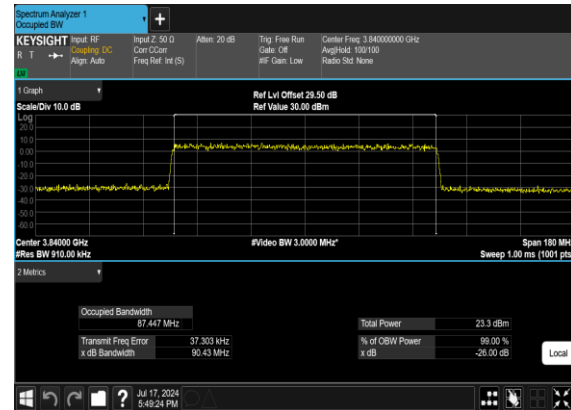
N77(90M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N77(90M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

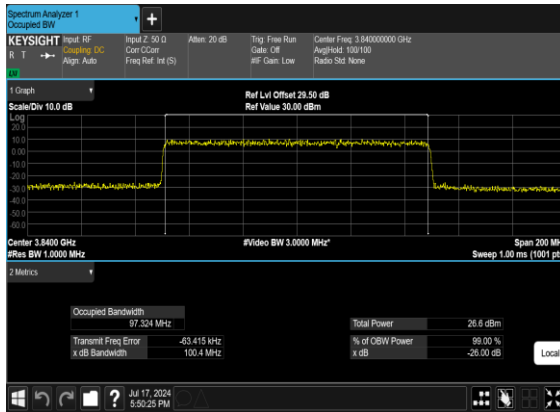


N77(90M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

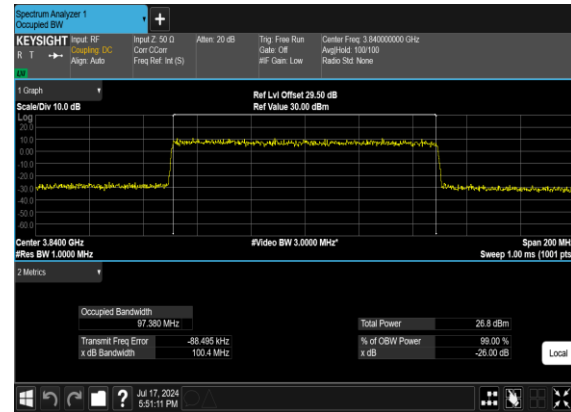




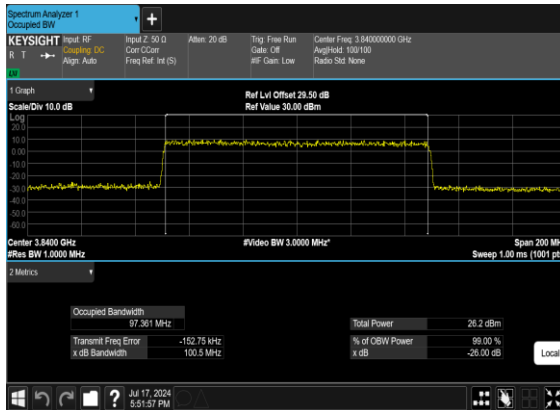
N77(100M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



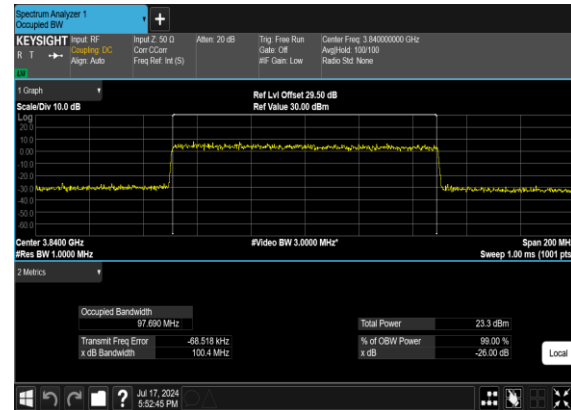
N77(100M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



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



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





## Conducted Spurious Emissions

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



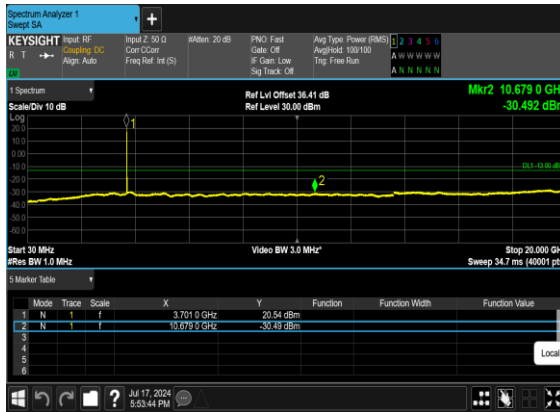
|    |    |     |        |         |                  |     |           |             |
|----|----|-----|--------|---------|------------------|-----|-----------|-------------|
| 77 | 30 | 60  | 648668 | 3730.02 | CP-OFDM<br>QPSK  | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 60  | 648668 | 3730.02 | CP-OFDM<br>16QAM | 1@0 | see graph | ---         |
| 77 | 30 | 60  | 648668 | 3730.02 | CP-OFDM<br>16QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 60  | 648668 | 3730.02 | CP-OFDM<br>16QAM | 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>16QAM | 1@0 | see graph | ---         |
| 77 | 30 | 60  | 656000 | 3840.0  | CP-OFDM<br>16QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 60  | 656000 | 3840.0  | CP-OFDM<br>16QAM | 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>16QAM | 1@0 | see graph | ---         |
| 77 | 30 | 60  | 663332 | 3949.98 | CP-OFDM<br>16QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 60  | 663332 | 3949.98 | CP-OFDM<br>16QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 651000 | 3751.0  | CP-OFDM<br>QPSK  | 1@0 | see graph | ---         |
| 77 | 30 | 100 | 651000 | 3751.0  | CP-OFDM<br>QPSK  | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 651000 | 3751.0  | CP-OFDM<br>QPSK  | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 651000 | 3751.0  | CP-OFDM<br>16QAM | 1@0 | see graph | ---         |
| 77 | 30 | 100 | 651000 | 3751.0  | CP-OFDM<br>16QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 651000 | 3751.0  | CP-OFDM<br>16QAM | 1@0 | see graph | <b>PASS</b> |



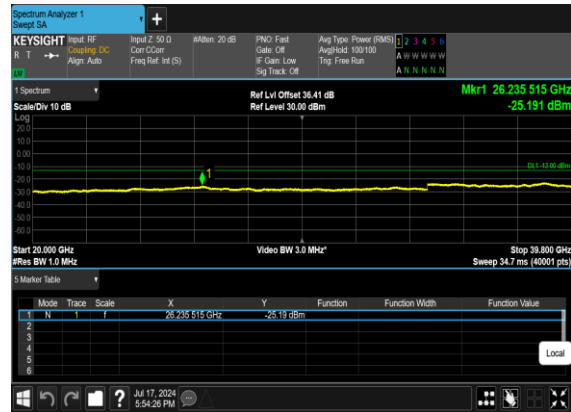
|    |    |     |        |        |                  |     |           |             |
|----|----|-----|--------|--------|------------------|-----|-----------|-------------|
| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM<br>QPSK  | 1@0 | see graph | ---         |
| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM<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>16QAM | 1@0 | see graph | ---         |
| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM<br>16QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM<br>16QAM | 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>16QAM | 1@0 | see graph | ---         |
| 77 | 30 | 100 | 662000 | 3930.0 | CP-OFDM<br>16QAM | 1@0 | see graph | <b>PASS</b> |
| 77 | 30 | 100 | 662000 | 3930.0 | CP-OFDM<br>16QAM | 1@0 | see graph | <b>PASS</b> |



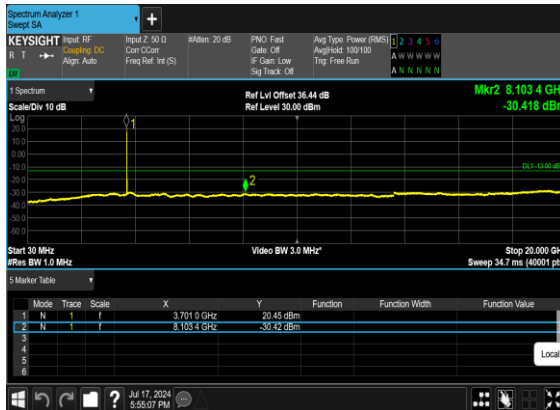
N77(20M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



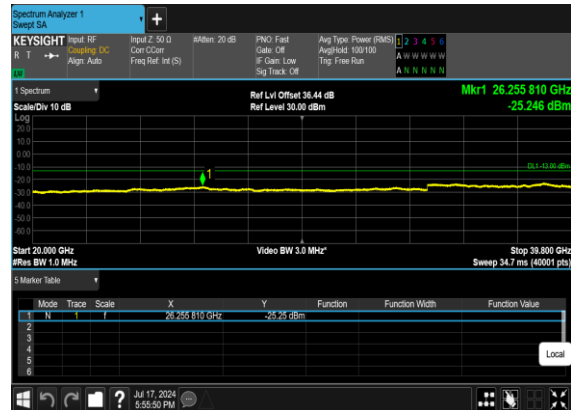
N77(20M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(20M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_Low\_CH



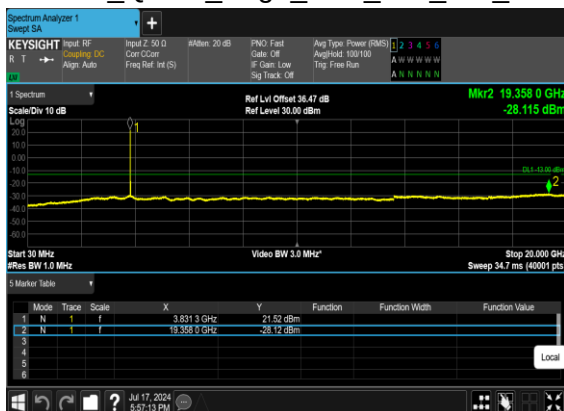
N77(20M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_Low\_CH



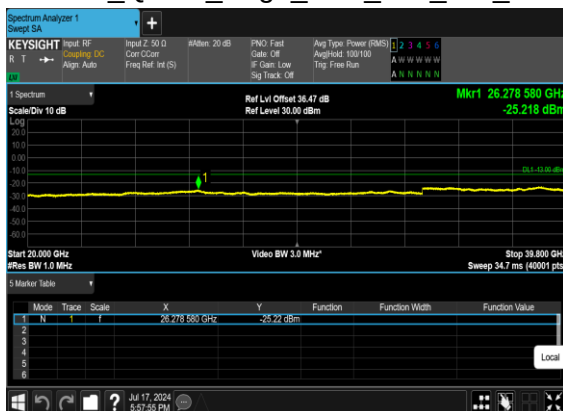




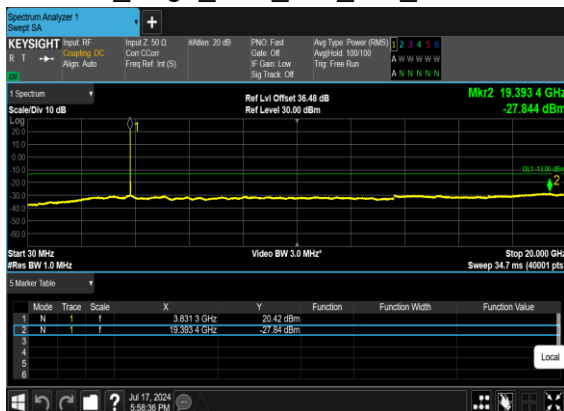
N77(20M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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



N77(20M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_Mid\_CH

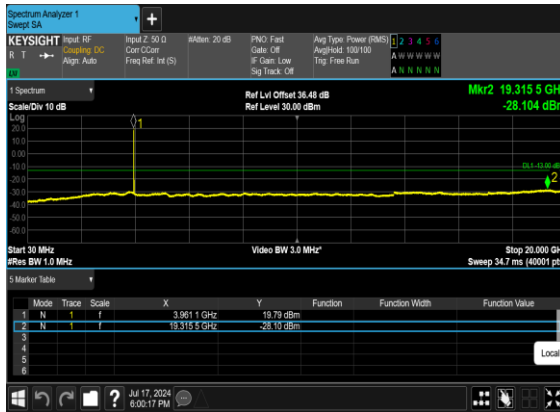


N77(20M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_Mid\_CH

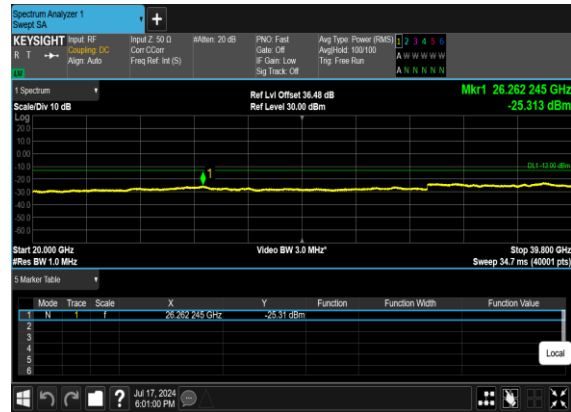




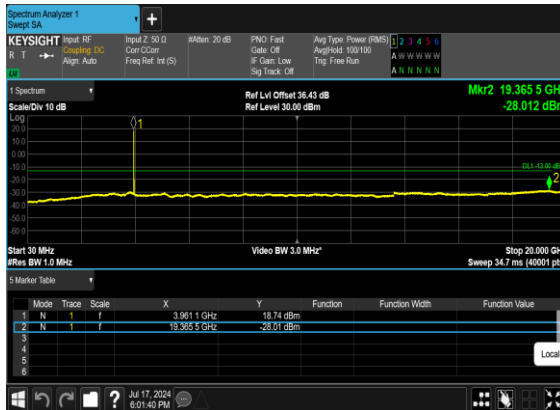
N77(20M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



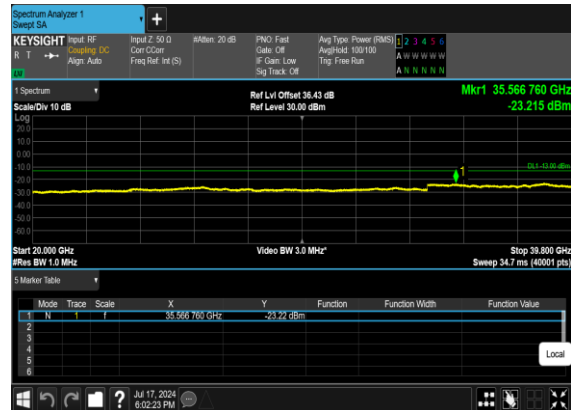
N77(20M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N77(20M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_High\_CH

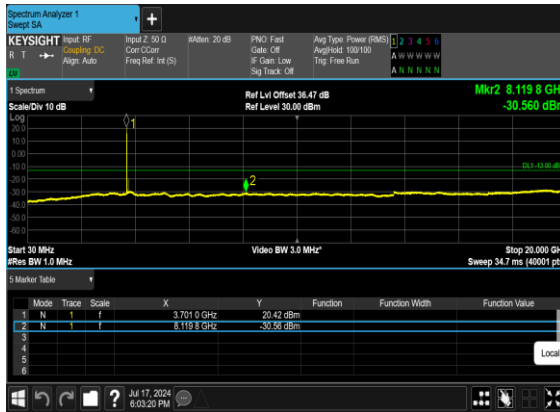


N77(20M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_High\_CH





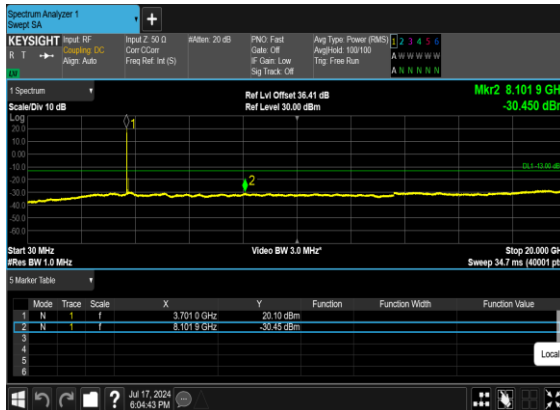
N77(60M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



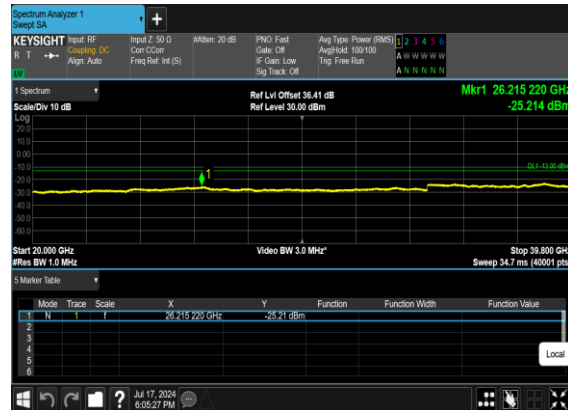
N77(60M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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

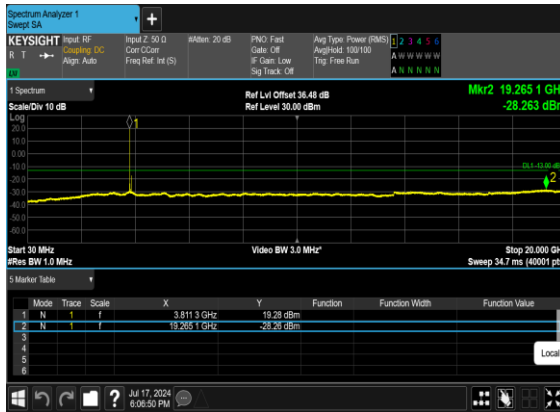


N77(60M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_Low\_CH

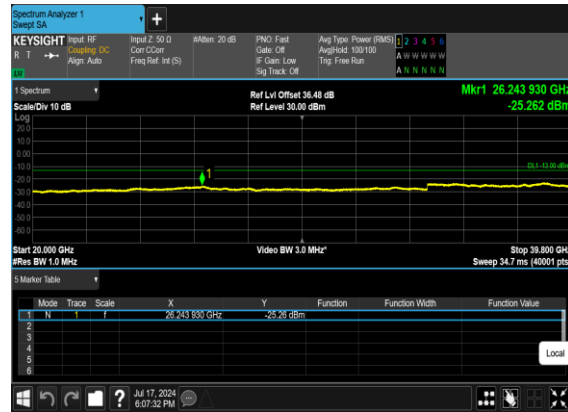




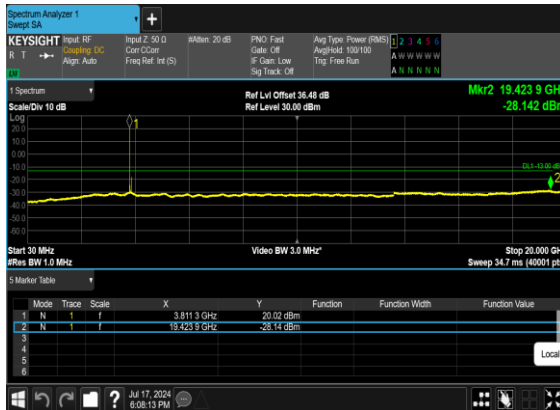
N77(60M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



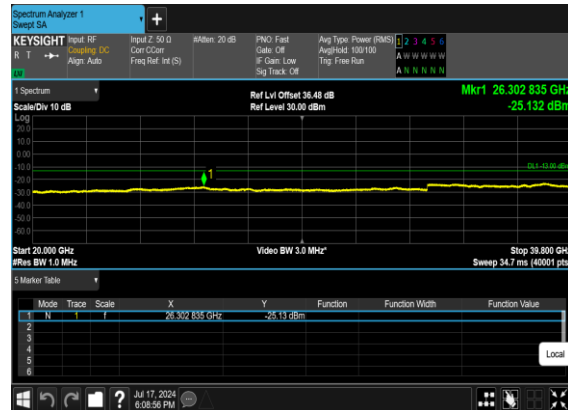
N77(60M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

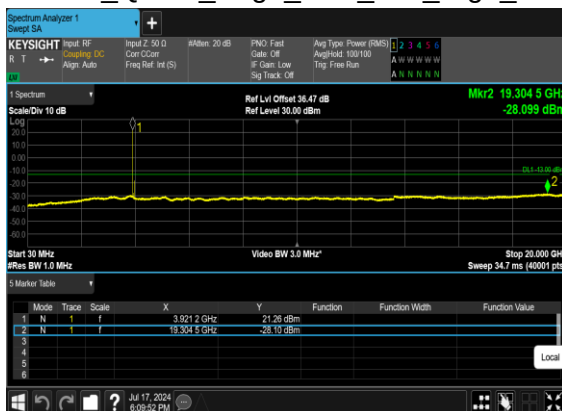
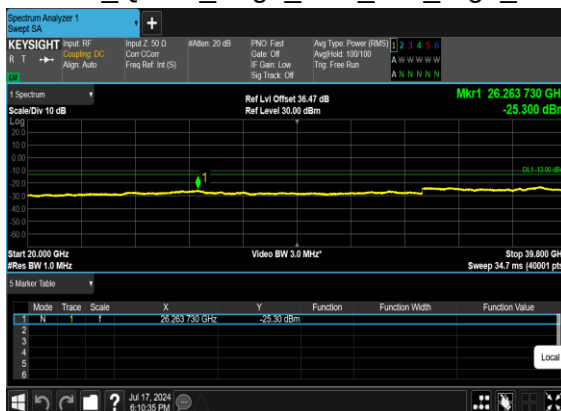
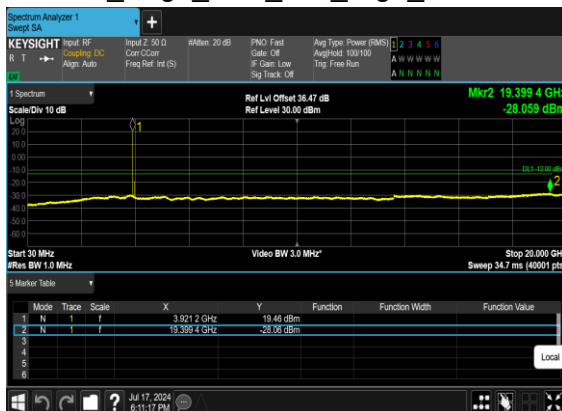


N77(60M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_Mid\_CH



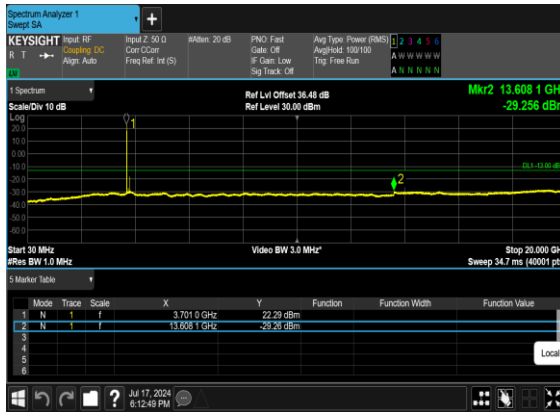
N77(60M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_Mid\_CH



N77(60M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CHN77(60M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CHN77(60M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_High\_CHN77(60M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_High\_CH



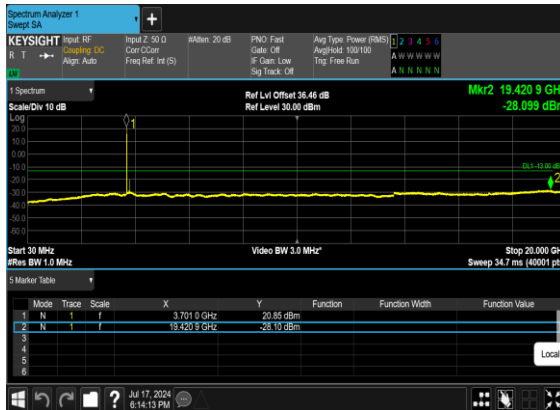
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



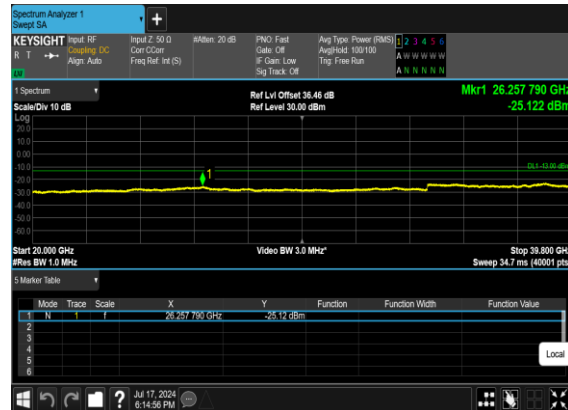
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N77(100M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_Low\_CH

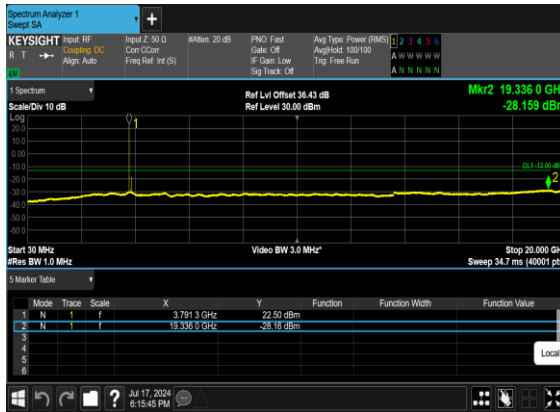


N77(100M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_Low\_CH

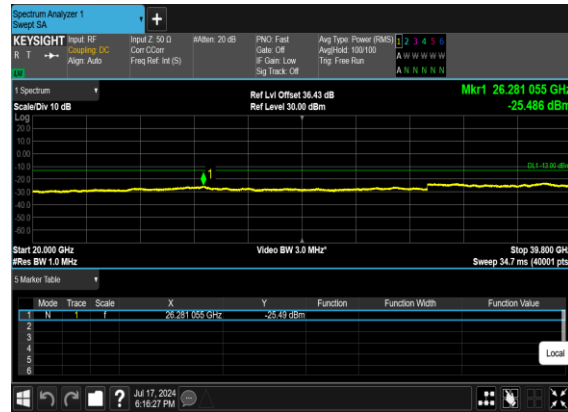




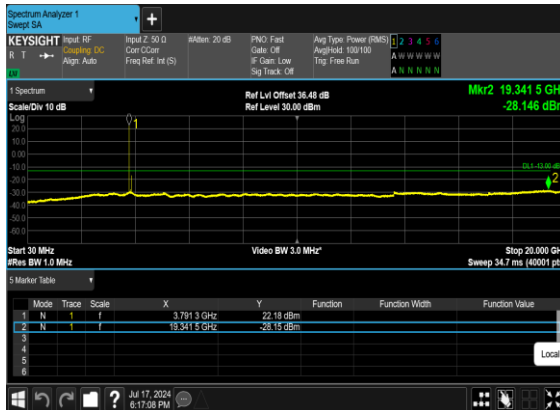
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



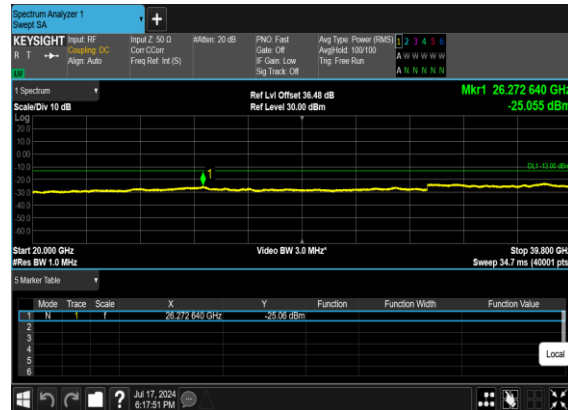
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N77(100M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_Mid\_CH

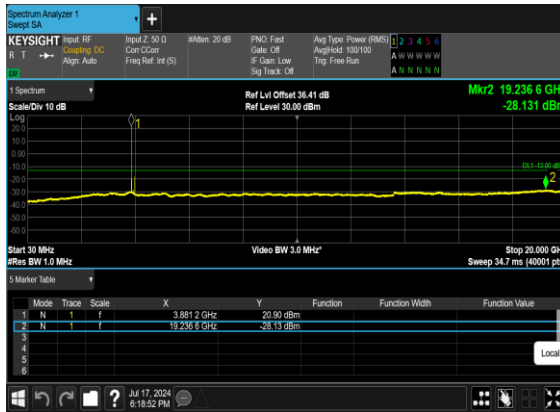


N77(100M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_Mid\_CH

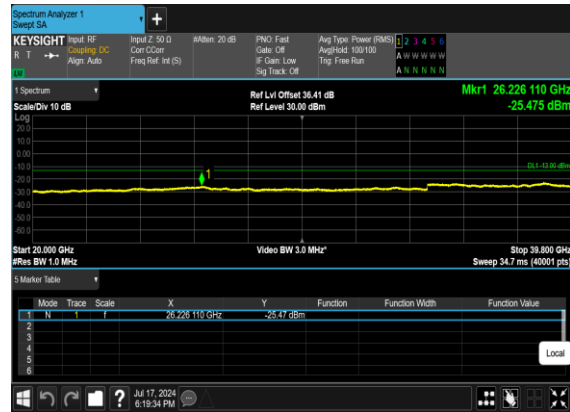




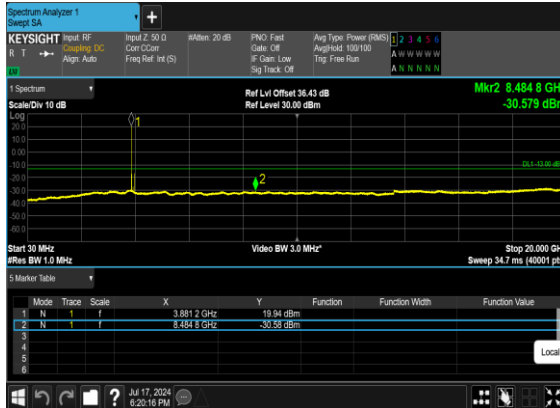
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



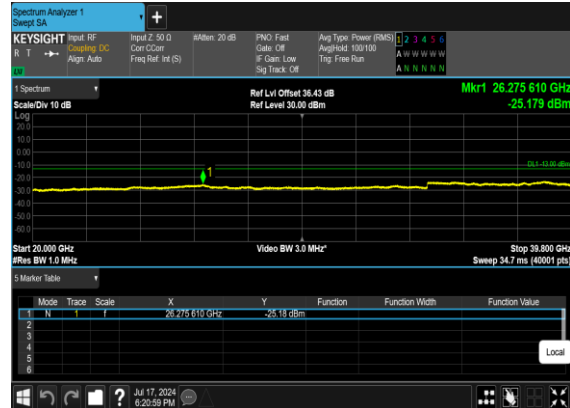
N77(100M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



N77(100M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_High\_CH



N77(100M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_High\_CH



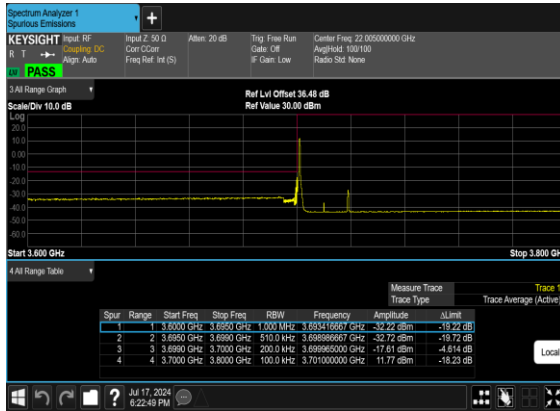


**Conducted Band Edge**

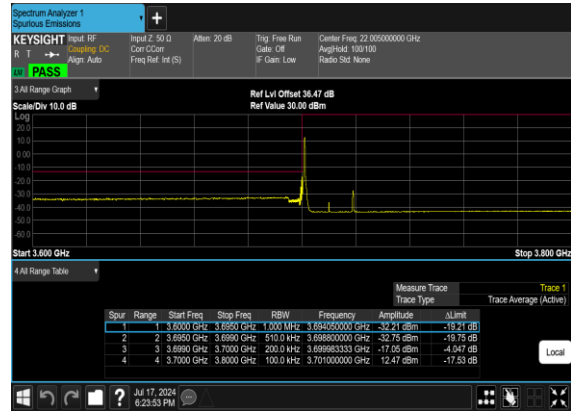
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation    | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|---------------|-------|-----------|---------|
| 77      | 30        | 20              | 647334 | 3710.01    | CP-OFDM QPSK  | 1@0   | see graph | PASS    |
| 77      | 30        | 20              | 647334 | 3710.01    | CP-OFDM 16QAM | 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 16QAM | 51@0  | see graph | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | CP-OFDM QPSK  | 1@51  | see graph | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | CP-OFDM 16QAM | 1@51  | 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 16QAM | 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 16QAM | 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 16QAM | 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 16QAM | 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 16QAM | 162@0 | see graph | PASS    |
| 77      | 30        | 100             | 651000 | 3751.0     | CP-OFDM QPSK  | 1@0   | see graph | PASS    |
| 77      | 30        | 100             | 651000 | 3751.0     | CP-OFDM 16QAM | 1@0   | see graph | PASS    |
| 77      | 30        | 100             | 651000 | 3751.0     | CP-OFDM QPSK  | 273@0 | see graph | PASS    |
| 77      | 30        | 100             | 651000 | 3751.0     | CP-OFDM 16QAM | 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 16QAM | 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 16QAM | 273@0 | see graph | PASS    |



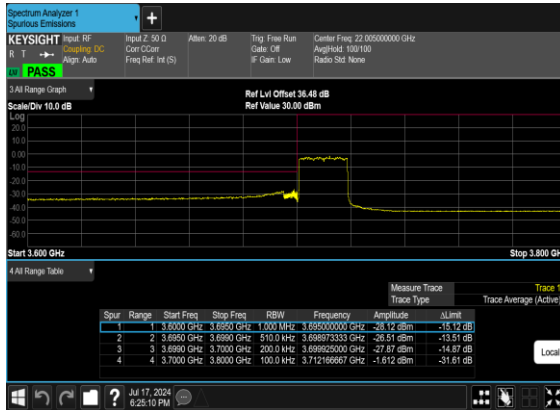
N77(20M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



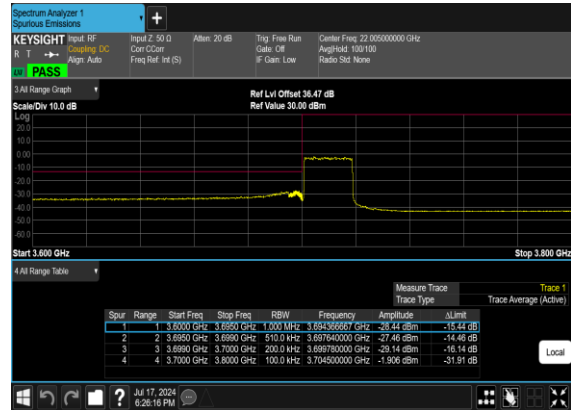
N77(20M)\_CP-  
OFDM\_16QAM\_Edge\_1RB\_Left\_Low\_CH



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

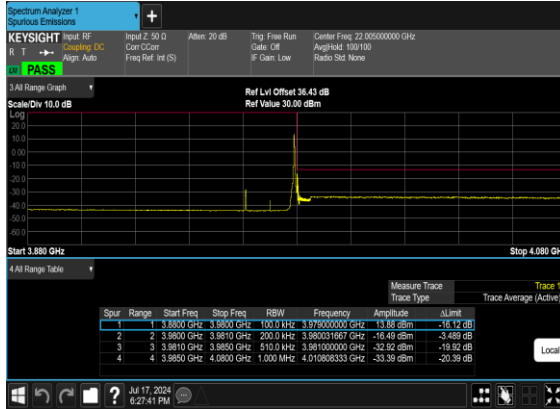


N77(20M)\_CP-OFDM\_16QAM  
\_Outer\_Full\_Low\_CH

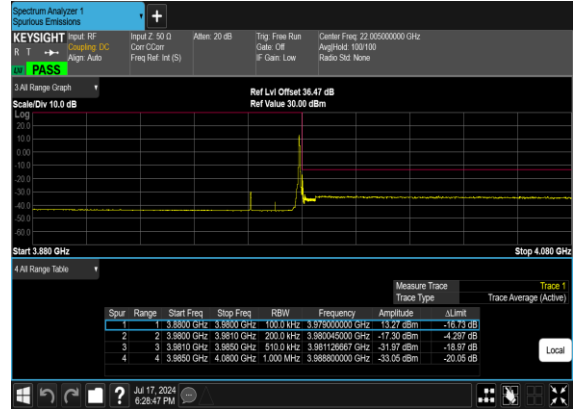




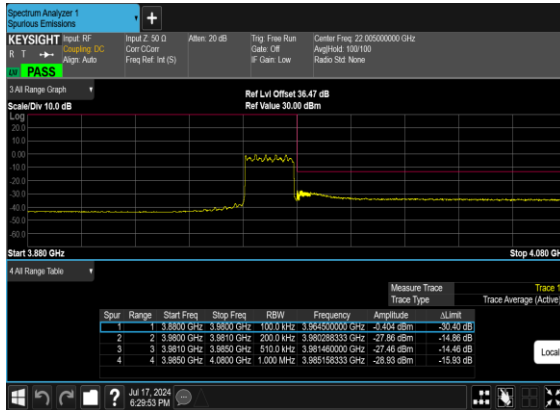
N77(20M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



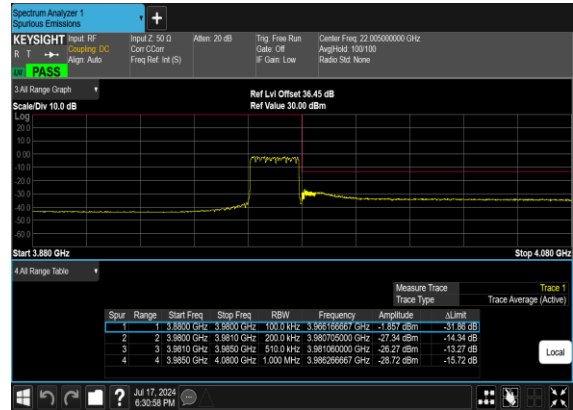
N77(20M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Right\_High\_CH



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

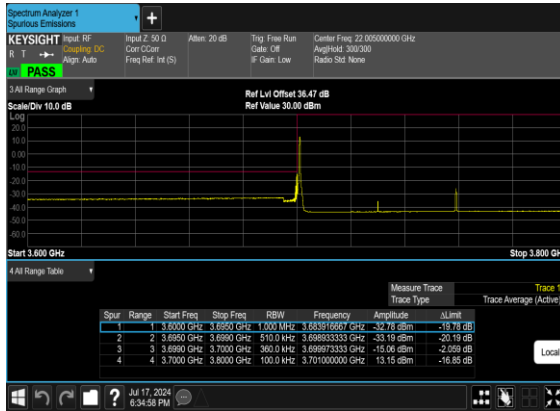


N77(20M)\_CP-OFDM\_16QAM  
\_Outer\_Full\_High\_CH

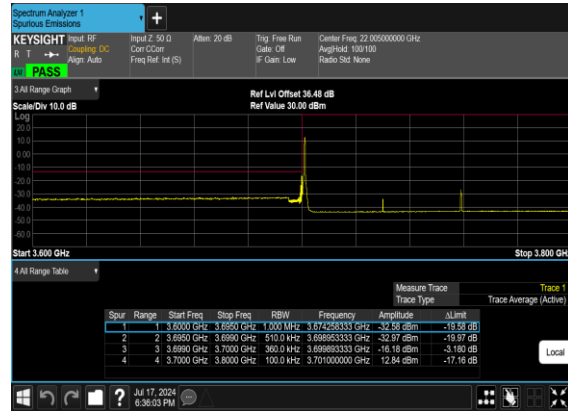




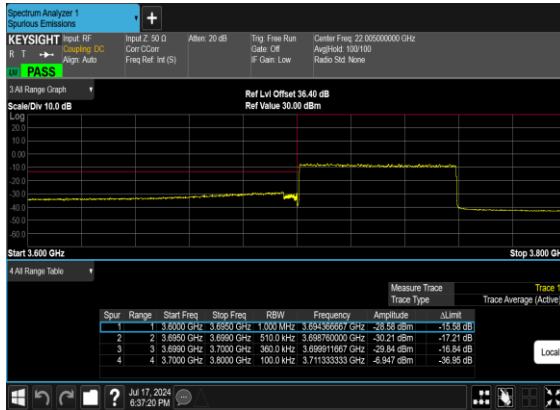
N77(60M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



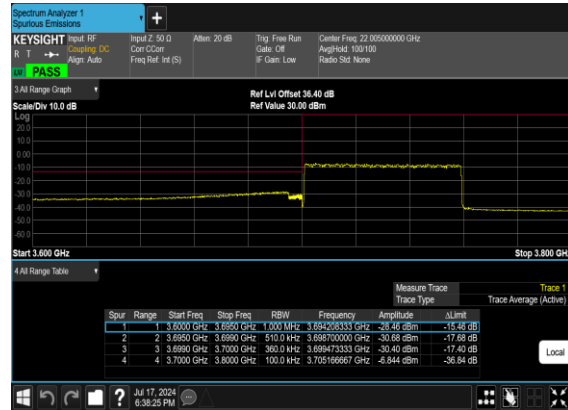
N77(60M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Left\_Low\_CH



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

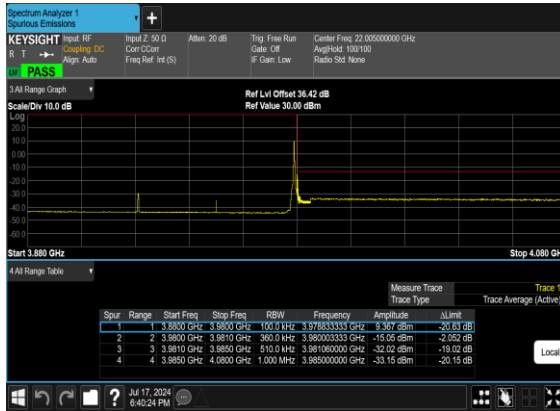


N77(60M)\_CP-OFDM\_16QAM  
\_Outer\_Full\_Low\_CH

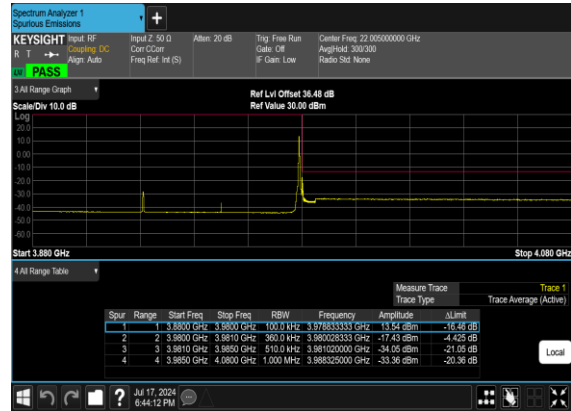




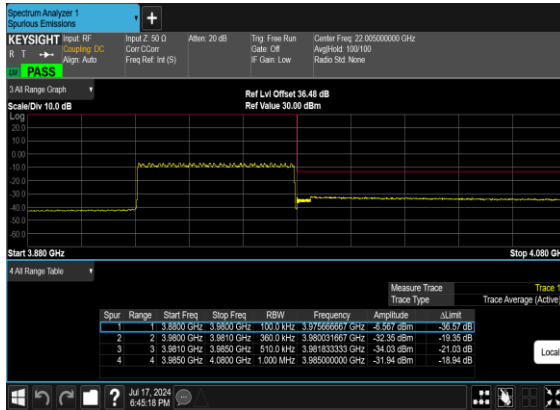
N77(60M)\_CP-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N77(60M)\_CP-OFDM\_16QAM  
\_Edge\_1RB\_Right\_High\_CH



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



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

