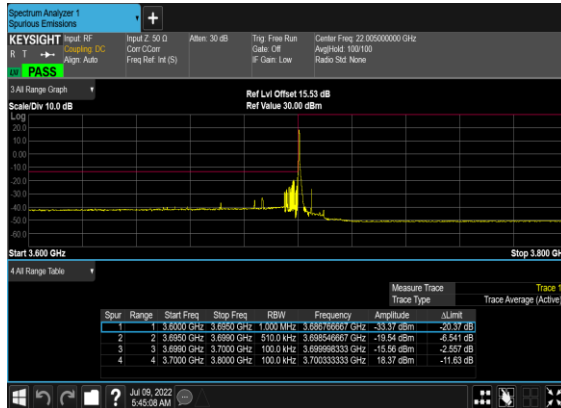
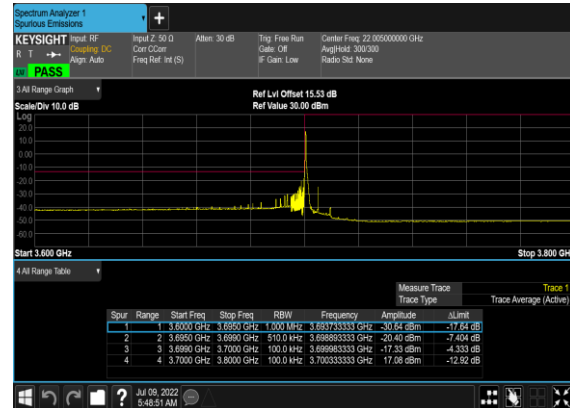


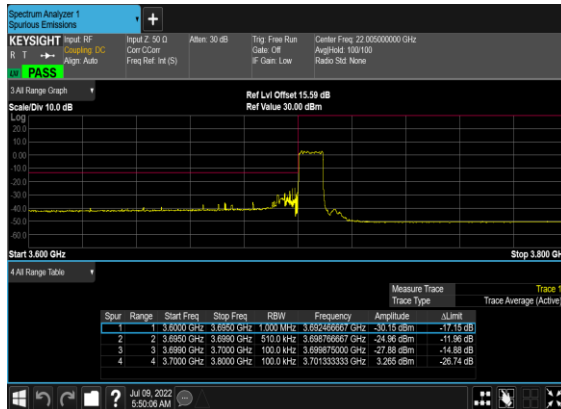
N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



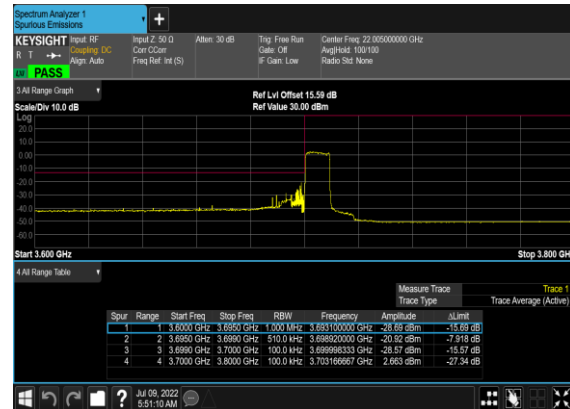
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



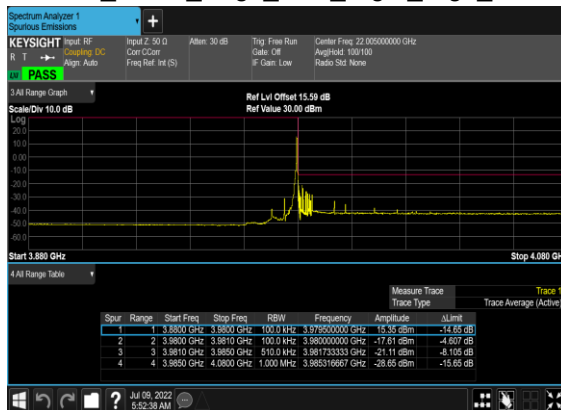
N77(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



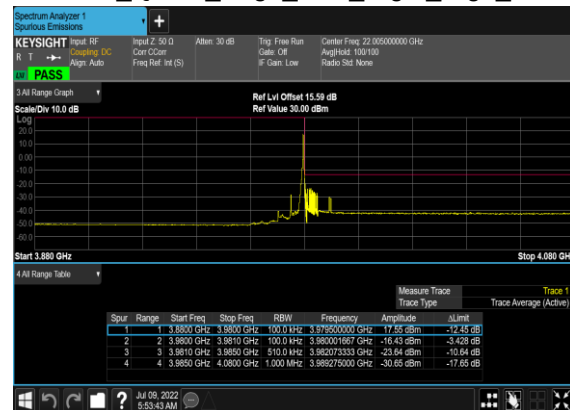
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



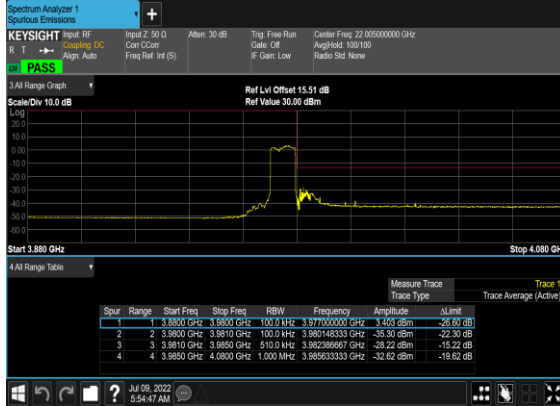
N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



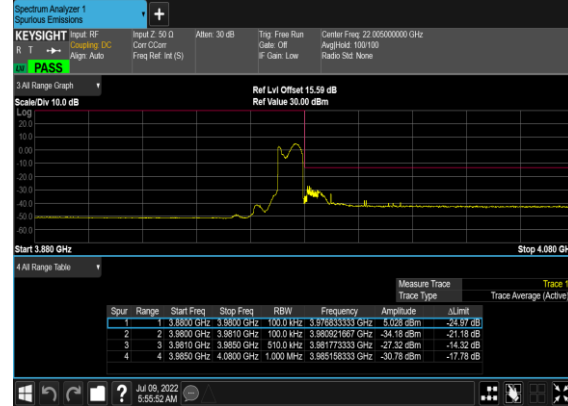
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



# N77(10M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_High\_CH



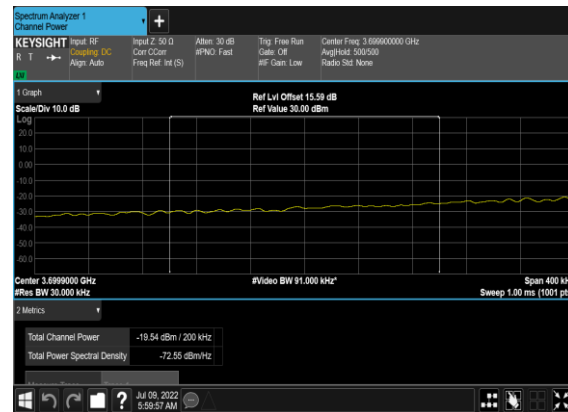
# N77(10M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



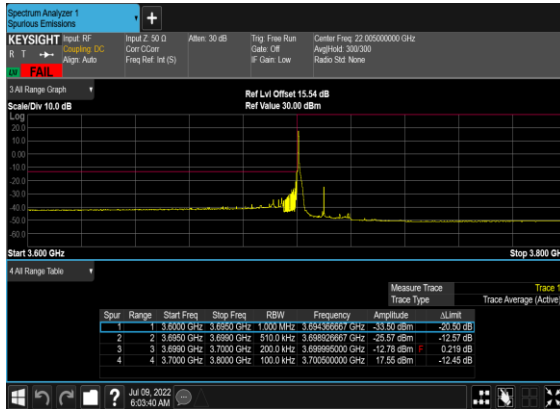
# N77(20M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



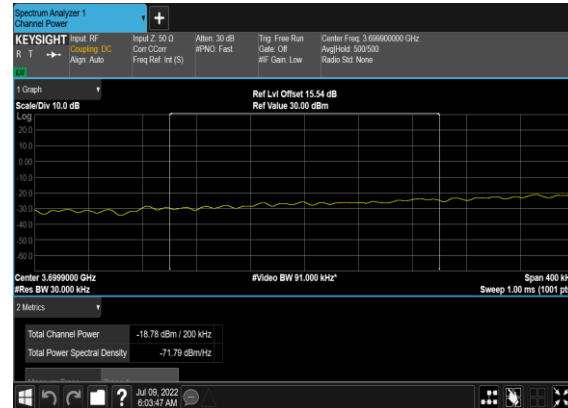
# N77(20M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



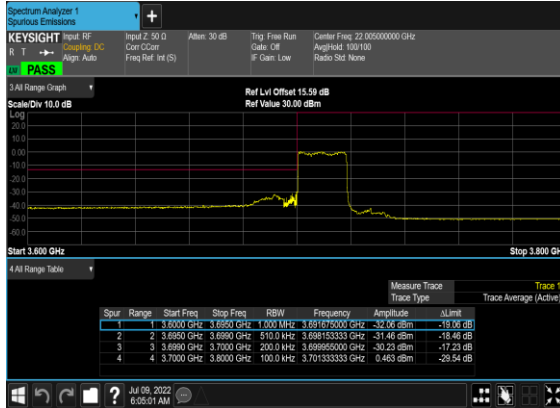
# N77(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



# N77(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PA SS



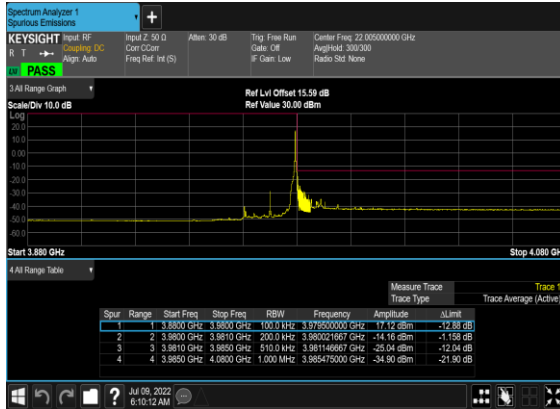
N77(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



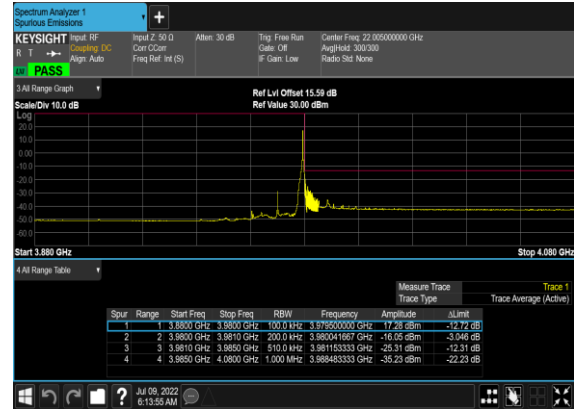
N77(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



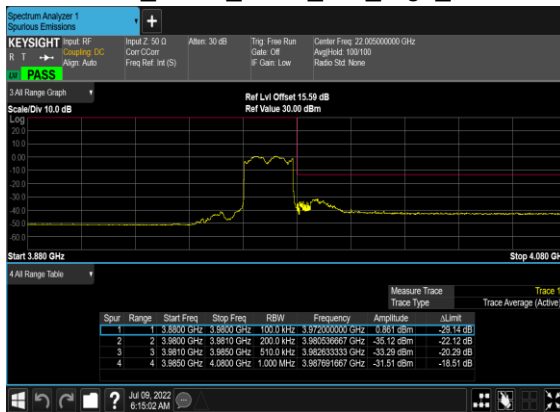
N77(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



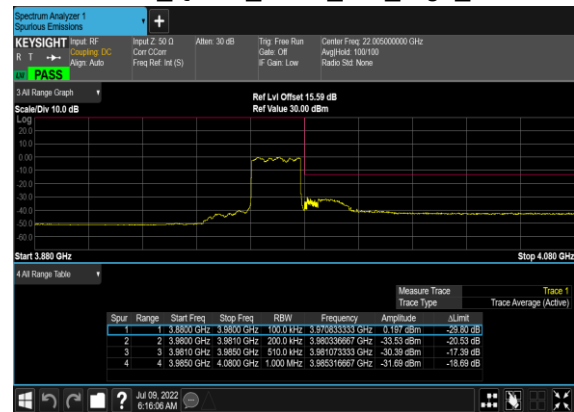
N77(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



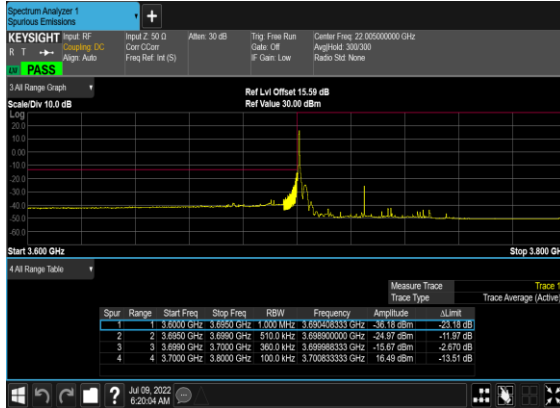
N77(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



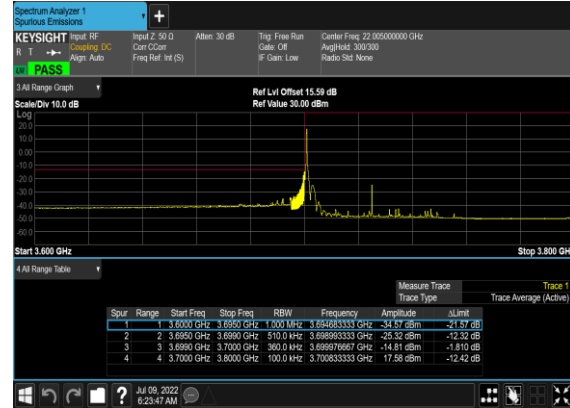
N77(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



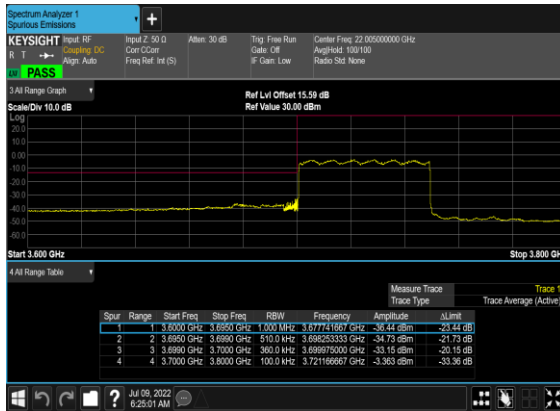
N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



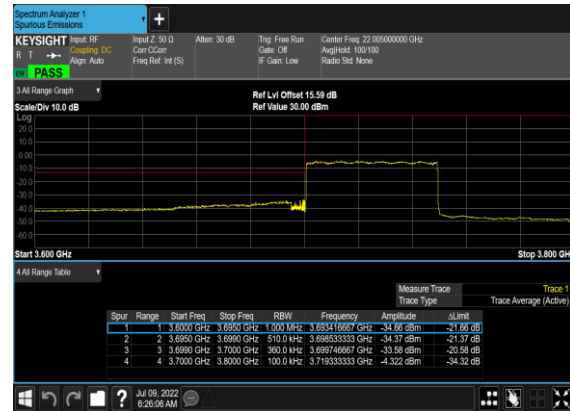
N77(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



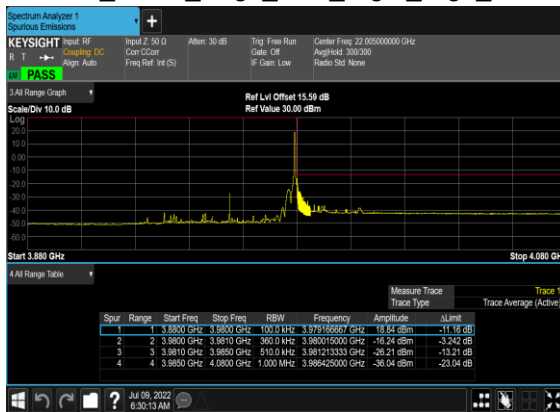
N77(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



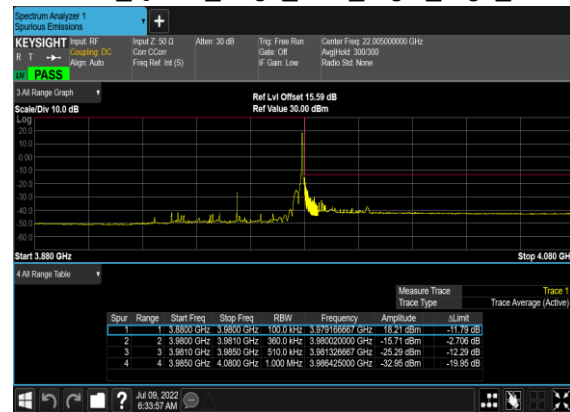
N77(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



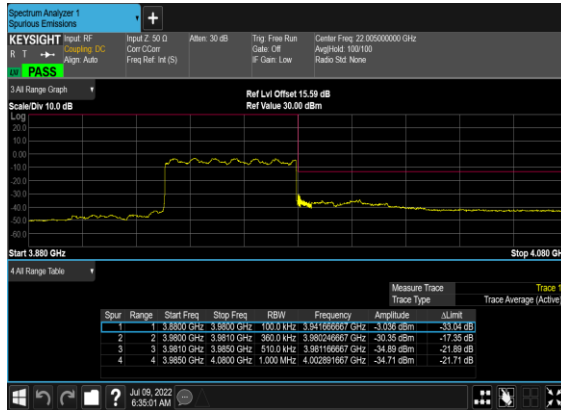
N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N77(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



# N77(50M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_High\_CH



# N77(50M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N77

## Transmitter Conducted Output Power And EIRP (Ant. 23), (GT-LC)=4.17dB

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation        | RB  | Conducted Power(dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----------|-----------------|--------|------------|-------------------|-----|----------------------|------------|----------|
| 77      | 30        | 10              | 647000 | 3705       | DFT-s-OFDM QPSK   | 1@1 | 20.22                | 24.39      | 0.2748   |
| 77      | 30        | 10              | 647000 | 3705       | DFT-s-OFDM 16 QAM | 1@1 | 19.35                | 23.52      | 0.2249   |
| 77      | 30        | 10              | 656000 | 3840       | DFT-s-OFDM QPSK   | 1@1 | 20.22                | 24.39      | 0.2748   |
| 77      | 30        | 10              | 656000 | 3840       | DFT-s-OFDM 16 QAM | 1@1 | 19.5                 | 23.67      | 0.2328   |
| 77      | 30        | 10              | 665000 | 3975       | DFT-s-OFDM QPSK   | 1@1 | 20.4                 | 24.57      | 0.2864   |
| 77      | 30        | 10              | 665000 | 3975       | DFT-s-OFDM 16 QAM | 1@1 | 19.69                | 23.86      | 0.2432   |
| 77      | 30        | 15              | 647168 | 3707.52    | DFT-s-OFDM QPSK   | 1@1 | 20.18                | 24.35      | 0.2723   |
| 77      | 30        | 15              | 647168 | 3707.52    | DFT-s-OFDM 16 QAM | 1@1 | 19.51                | 23.68      | 0.2333   |
| 77      | 30        | 15              | 656000 | 3840       | DFT-s-OFDM QPSK   | 1@1 | 20.19                | 24.36      | 0.2729   |
| 77      | 30        | 15              | 656000 | 3840       | DFT-s-OFDM 16 QAM | 1@1 | 19.59                | 23.76      | 0.2377   |
| 77      | 30        | 15              | 664832 | 3972.48    | DFT-s-OFDM QPSK   | 1@1 | 20.35                | 24.52      | 0.2831   |
| 77      | 30        | 15              | 664832 | 3972.48    | DFT-s-OFDM 16 QAM | 1@1 | 19.74                | 23.91      | 0.2460   |
| 77      | 30        | 20              | 647334 | 3710.01    | DFT-s-OFDM QPSK   | 1@1 | 20.08                | 24.25      | 0.2661   |
| 77      | 30        | 20              | 647334 | 3710.01    | DFT-s-OFDM 16 QAM | 1@1 | 19.43                | 23.6       | 0.2291   |
| 77      | 30        | 20              | 656000 | 3840       | DFT-s-OFDM QPSK   | 1@1 | 20.18                | 24.35      | 0.2723   |
| 77      | 30        | 20              | 656000 | 3840       | DFT-s-OFDM 16 QAM | 1@1 | 19.46                | 23.63      | 0.2307   |
| 77      | 30        | 20              | 664666 | 3969.99    | DFT-s-OFDM QPSK   | 1@1 | 20.34                | 24.51      | 0.2825   |
| 77      | 30        | 20              | 664666 | 3969.99    | DFT-s-OFDM 16 QAM | 1@1 | 19.64                | 23.81      | 0.2404   |
| 77      | 30        | 40              | 648000 | 3720       | DFT-s-OFDM QPSK   | 1@1 | 19.87                | 24.04      | 0.2535   |
| 77      | 30        | 40              | 648000 | 3720       | DFT-s-OFDM 16 QAM | 1@1 | 19.07                | 23.24      | 0.2109   |

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation        | RB  | Conducted Power(dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----------|-----------------|--------|------------|-------------------|-----|----------------------|------------|----------|
| 77      | 30        | 40              | 656000 | 3840       | DFT-s-OFDM QPSK   | 1@1 | 19.87                | 24.04      | 0.2535   |
| 77      | 30        | 40              | 656000 | 3840       | DFT-s-OFDM 16 QAM | 1@1 | 19.15                | 23.32      | 0.2148   |
| 77      | 30        | 40              | 664000 | 3960       | DFT-s-OFDM QPSK   | 1@1 | 20.03                | 24.2       | 0.2630   |
| 77      | 30        | 40              | 664000 | 3960       | DFT-s-OFDM 16 QAM | 1@1 | 19.32                | 23.49      | 0.2234   |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM QPSK   | 1@1 | 20.07                | 24.24      | 0.2655   |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM 16 QAM | 1@1 | 19.32                | 23.49      | 0.2234   |
| 77      | 30        | 50              | 656000 | 3840       | DFT-s-OFDM QPSK   | 1@1 | 20.16                | 24.33      | 0.2710   |
| 77      | 30        | 50              | 656000 | 3840       | DFT-s-OFDM 16 QAM | 1@1 | 19.41                | 23.58      | 0.2280   |
| 77      | 30        | 50              | 663666 | 3954.99    | DFT-s-OFDM QPSK   | 1@1 | 20.3                 | 24.47      | 0.2799   |
| 77      | 30        | 50              | 663666 | 3954.99    | DFT-s-OFDM 16 QAM | 1@1 | 19.53                | 23.7       | 0.2344   |
| 77      | 30        | 60              | 648668 | 3730.02    | DFT-s-OFDM QPSK   | 1@1 | 19.81                | 23.98      | 0.2500   |
| 77      | 30        | 60              | 648668 | 3730.02    | DFT-s-OFDM 16 QAM | 1@1 | 19.09                | 23.26      | 0.2118   |
| 77      | 30        | 60              | 656000 | 3840       | DFT-s-OFDM QPSK   | 1@1 | 19.91                | 24.08      | 0.2559   |
| 77      | 30        | 60              | 656000 | 3840       | DFT-s-OFDM 16 QAM | 1@1 | 19.22                | 23.39      | 0.2183   |
| 77      | 30        | 60              | 663332 | 3949.98    | DFT-s-OFDM QPSK   | 1@1 | 20.01                | 24.18      | 0.2618   |
| 77      | 30        | 60              | 663332 | 3949.98    | DFT-s-OFDM 16 QAM | 1@1 | 19.31                | 23.48      | 0.2228   |
| 77      | 30        | 80              | 649334 | 3740.01    | DFT-s-OFDM QPSK   | 1@1 | 19.49                | 23.66      | 0.2323   |
| 77      | 30        | 80              | 649334 | 3740.01    | DFT-s-OFDM 16 QAM | 1@1 | 18.44                | 22.61      | 0.1824   |
| 77      | 30        | 80              | 656000 | 3840       | DFT-s-OFDM QPSK   | 1@1 | 19.84                | 24.01      | 0.2518   |
| 77      | 30        | 80              | 656000 | 3840       | DFT-s-OFDM 16 QAM | 1@1 | 18.84                | 23.01      | 0.2000   |
| 77      | 30        | 80              | 662666 | 3939.99    | DFT-s-OFDM QPSK   | 1@1 | 19.72                | 23.89      | 0.2449   |
| 77      | 30        | 80              | 662666 | 3939.99    | DFT-s-OFDM 16 QAM | 1@1 | 18.72                | 22.89      | 0.1945   |
| 77      | 30        | 90              | 649668 | 3745.02    | DFT-s-OFDM QPSK   | 1@1 | 19.43                | 23.6       | 0.2291   |
| 77      | 30        | 90              | 649668 | 3745.02    | DFT-s-OFDM 16 QAM | 1@1 | 18.38                | 22.55      | 0.1799   |

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation           | RB     | Conducted Power(dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----------|-----------------|--------|------------|----------------------|--------|----------------------|------------|----------|
| 77      | 30        | 90              | 656000 | 3840       | DFT-s-OFDM QPSK      | 1@1    | 19.75                | 23.92      | 0.2466   |
| 77      | 30        | 90              | 656000 | 3840       | DFT-s-OFDM 16 QAM    | 1@1    | 18.97                | 23.14      | 0.2061   |
| 77      | 30        | 90              | 662332 | 3934.98    | DFT-s-OFDM QPSK      | 1@1    | 19.57                | 23.74      | 0.2366   |
| 77      | 30        | 90              | 662332 | 3934.98    | DFT-s-OFDM 16 QAM    | 1@1    | 18.82                | 22.99      | 0.1991   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM PI/2 BPSK | 135@67 | 20.83                | 25         | 0.3162   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM PI/2 BPSK | 1@1    | 19.3                 | 23.47      | 0.2223   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM PI/2 BPSK | 1@271  | 20.05                | 24.22      | 0.2642   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM QPSK      | 135@67 | 20.87                | 25.04      | 0.3192   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM QPSK      | 1@1    | 19.3                 | 23.47      | 0.2223   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM QPSK      | 1@271  | 19.85                | 24.02      | 0.2523   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM 16 QAM    | 135@67 | 19.88                | 24.05      | 0.2541   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM 16 QAM    | 1@1    | 18.31                | 22.48      | 0.1770   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM 16 QAM    | 1@271  | 19                   | 23.17      | 0.2075   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM 64 QAM    | 135@67 | 18.58                | 22.75      | 0.1884   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM 64 QAM    | 1@1    | 16.99                | 21.16      | 0.1306   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM 64 QAM    | 1@271  | 17.66                | 21.83      | 0.1524   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM 256 QAM   | 135@67 | 16.56                | 20.73      | 0.1183   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM 256 QAM   | 1@1    | 15.06                | 19.23      | 0.0838   |
| 77      | 30        | 100             | 650000 | 3750       | DFT-s-OFDM 256 QAM   | 1@271  | 15.75                | 19.92      | 0.0982   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM QPSK         | 137@68 | 19.39                | 23.56      | 0.2270   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM QPSK         | 1@1    | 17.66                | 21.83      | 0.1524   |
| 77      | 30        | 100             | 650000 | 3750       | CP-OFDM QPSK         | 1@271  | 18.25                | 22.42      | 0.1746   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM PI/2 BPSK | 135@67 | 20.37                | 24.54      | 0.2844   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM PI/2 BPSK | 1@1    | 19.83                | 24         | 0.2512   |

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation              | RB     | Conducted Power(dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----------|-----------------|--------|------------|-------------------------|--------|----------------------|------------|----------|
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>PI/2 BPSK | 1@271  | 19.65                | 23.82      | 0.2410   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>QPSK      | 135@67 | 20.42                | 24.59      | 0.2877   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>QPSK      | 1@1    | 19.81                | 23.98      | 0.2500   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>QPSK      | 1@271  | 19.4                 | 23.57      | 0.2275   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>16 QAM    | 135@67 | 19.41                | 23.58      | 0.2280   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>16 QAM    | 1@1    | 18.94                | 23.11      | 0.2046   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>16 QAM    | 1@271  | 18.71                | 22.88      | 0.1941   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>64 QAM    | 135@67 | 18.12                | 22.29      | 0.1694   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>64 QAM    | 1@1    | 17.57                | 21.74      | 0.1493   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>64 QAM    | 1@271  | 17.32                | 21.49      | 0.1409   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>256 QAM   | 135@67 | 16.03                | 20.2       | 0.1047   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>256 QAM   | 1@1    | 15.38                | 19.55      | 0.0902   |
| 77      | 30        | 100             | 656000 | 3840       | DFT-s-OFDM<br>256 QAM   | 1@271  | 15.14                | 19.31      | 0.0853   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM<br>QPSK         | 137@68 | 18.95                | 23.12      | 0.2051   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM<br>QPSK         | 1@1    | 18.19                | 22.36      | 0.1722   |
| 77      | 30        | 100             | 656000 | 3840       | CP-OFDM<br>QPSK         | 1@271  | 17.89                | 22.06      | 0.1607   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>PI/2 BPSK | 135@67 | 20.58                | 24.75      | 0.2985   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>PI/2 BPSK | 1@1    | 19.55                | 23.72      | 0.2355   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>PI/2 BPSK | 1@271  | 19.9                 | 24.07      | 0.2553   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>QPSK      | 135@67 | 20.61                | 24.78      | 0.3006   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>QPSK      | 1@1    | 19.51                | 23.68      | 0.2333   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>QPSK      | 1@271  | 19.68                | 23.85      | 0.2427   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>16 QAM    | 135@67 | 19.59                | 23.76      | 0.2377   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>16 QAM    | 1@1    | 18.66                | 22.83      | 0.1919   |

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation            | RB     | Conducted Power(dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----------|-----------------|--------|------------|-----------------------|--------|----------------------|------------|----------|
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>16 QAM  | 1@271  | 18.97                | 23.14      | 0.2061   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>64 QAM  | 135@67 | 18.29                | 22.46      | 0.1762   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>64 QAM  | 1@1    | 17.24                | 21.41      | 0.1384   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>64 QAM  | 1@271  | 17.18                | 21.35      | 0.1365   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>256 QAM | 135@67 | 16.24                | 20.41      | 0.1099   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>256 QAM | 1@1    | 15.1                 | 19.27      | 0.0845   |
| 77      | 30        | 100             | 662000 | 3930       | DFT-s-OFDM<br>256 QAM | 1@271  | 15.42                | 19.59      | 0.0910   |
| 77      | 30        | 100             | 662000 | 3930       | CP-OFDM<br>QPSK       | 137@68 | 19.12                | 23.29      | 0.2133   |
| 77      | 30        | 100             | 662000 | 3930       | CP-OFDM<br>QPSK       | 1@1    | 17.96                | 22.13      | 0.1633   |
| 77      | 30        | 100             | 662000 | 3930       | CP-OFDM<br>QPSK       | 1@271  | 18.15                | 22.32      | 0.1706   |

## Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB   | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|------|-----------------|---------|-------------|
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 50@0 | 0.0062          | PASS    | NV          |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 50@0 | 0.0041          | PASS    | LV          |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 50@0 | 0.0060          | PASS    | HV          |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 50@0 | 0.0037          | PASS    | -30°C       |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 50@0 | 0.0057          | PASS    | -20°C       |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 50@0 | 0.0027          | PASS    | -10°C       |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 50@0 | 0.0023          | PASS    | 0°C         |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 50@0 | 0.0065          | PASS    | 10°C        |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 50@0 | 0.0062          | PASS    | 20°C        |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 50@0 | 0.0020          | PASS    | 30°C        |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 50@0 | 0.0023          | PASS    | 40°C        |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 50@0 | 0.0056          | PASS    | 50°C        |

## Peak to Average Radio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation           | RB   | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|----------------------|------|-------------|------------|---------|
| 77      | 30        | 20              | 647334 | 3710.01    | DFT-s-OFDM PI/2 BPSK | 50@0 | 7.12        | 13         | PASS    |
| 77      | 30        | 20              | 647334 | 3710.01    | DFT-s-OFDM PI/2 BPSK | 1@0  | 7.11        | 13         | PASS    |
| 77      | 30        | 20              | 647334 | 3710.01    | DFT-s-OFDM QPSK      | 50@0 | 8.32        | 13         | PASS    |
| 77      | 30        | 20              | 647334 | 3710.01    | DFT-s-OFDM QPSK      | 1@0  | 8.35        | 13         | PASS    |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM PI/2 BPSK | 50@0 | 6.98        | 13         | PASS    |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM PI/2 BPSK | 1@0  | 8.27        | 13         | PASS    |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK      | 50@0 | 8.25        | 13         | PASS    |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK      | 1@0  | 9.41        | 13         | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | DFT-s-OFDM PI/2 BPSK | 50@0 | 6.86        | 13         | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | DFT-s-OFDM PI/2 BPSK | 1@0  | 7.33        | 13         | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | DFT-s-OFDM QPSK      | 50@0 | 8.08        | 13         | PASS    |
| 77      | 30        | 20              | 664666 | 3969.99    | DFT-s-OFDM QPSK      | 1@0  | 7.86        | 13         | PASS    |

**Keysight Spectrum Analyzer 1**  
Power Stat CCDF

**Inputs:** Input Z: 50 Ω, Input CC: CC, Freq Ref: Int (s)  
**Outputs:** RF: Burst, Trig Delay: 500.0 µs, Counts: 1.00 M1: 0.00 Mpt, Radio Std: None

**Settings:** Att: 40 dB, Center Freq: 3.710010000 GHz

**1 Metrics**

| Average Power   |  |
|-----------------|--|
| 19.21 dBm       |  |
| 44.53 % at 0 dB |  |

|          |         |
|----------|---------|
| 10.0 %   | 4.10 dB |
| 1.0 %    | 6.03 dB |
| 0.1 %    | 7.12 dB |
| 0.01 %   | 7.85 dB |
| 0.001 %  | 8.89 dB |
| 0.0001 % | 9.04 dB |

**Peak**

|           |
|-----------|
| 9.08 dB   |
| 28.29 dBm |

**2 Graph**  
Gaussian

Y-axis: 150.0  
X-axis: Info BW 25.000 MHz

Bottom status bar: Jul 07, 2022 8:57:37 AM

The screenshot shows the Keysight Spectrum Analyzer 1 Power Stat CDF plot. The main display area shows a log-log plot of Power (dBm) versus Frequency (MHz). The plot shows a Gaussian signal with a peak power of 19.47 dBm and a 42.83% power at 0 dB. The plot is titled "Gaussian" and shows a blue curve representing the signal and a yellow curve representing the noise floor. The x-axis ranges from 0.00 MHz to 20.00 MHz, and the y-axis ranges from 0.001 dBm to 100 dBm. The plot is titled "Gaussian" and shows a blue curve representing the signal and a yellow curve representing the noise floor.

**Spectrum Analyzer 1**  
Power Stat CDF

**KEYSIGHT** Input RF: **Cable** DC: **Coax** Center Freq: 3.710010000 GHz  
 R T → **Align: Auto** **RF Gain: Low** **Radio Std: None**

**1 Metrics**

**Average Power**

|                  |
|------------------|
| 19.47 dBm        |
| 42.83 % at 0 dB  |
| 10.0 % 4.42 dB   |
| 1.0 % 6.14 dB    |
| 0.1 % 7.11 dB    |
| 0.01 % 7.82 dB   |
| 0.001 % 7.90 dB  |
| 0.0001 % 7.94 dB |

**Peak**

|           |
|-----------|
| 8.01 dB   |
| 27.48 dBm |

**2 Graph**

**Gaussian**

100%  
10%  
1%  
0.1%  
0.01%  
0.001%  
0.0001%  
0.00 dB  
0.00 dBm

20.00 MHz

Info BW 25.000 MHz

Jul 07, 2022  
8:56:00 AM

[illegible]

Spectrum Analyzer 1  
Power Stat C1D

KEYSIGHT Input: RF  
R T → Coaxing Auto  
Align: Auto

Input 2: 50.0  
Coax C-Conn  
Freq Ref: 1st (S)

Align: 40 dB

Trig: RF Burst  
Trig Delay: 500.0 ps  
RF Gain: Low

Center Freq: 3.710010000 GHz  
psCounts: 1.00 M/1.00 Mpt  
Radio Set: None

1 Metrics

Average Power  
19.05 dBm  
36.06 % at 0 dB

10.0 % 4.94 dB  
1.0 % 7.14 dB  
0.1 % 8.35 dB  
0.01 % 8.63 dB  
0.001 % 8.68 dB  
0.0001 % 8.70 dB

Peak  
11.11 dB  
30.16 dBm

2 Graph  
Gaussian

100 %  
10 %  
1 %  
0.1 %  
0.01 %  
0.001 %  
0.0001 %

0.001 %  
0.0001 %

0.00 20.00  
MHz

Info BW 25.00 MHz

Jul 07, 2022  
8:56:49 AM

The screenshot displays the Keysight Spectrum Analyzer 1 interface. The top status bar shows 'Spectrum Analyzer 1' and 'Power Stat: CCDF'. The main display area is divided into several sections:

- Left Panel (Parameters):**
  - Input RF:** 2.50 GHz
  - Corr CCor:** 40 dB
  - Freq Ref (Hz):** (S)
  - 1 Metrics:**
    - Average Power:** 19.07 dBm
    - 44.87 % at 0 dB**
    - 10.0 %:** 4.08 dB
    - 1.0 %:** 5.99 dB
    - 0.1 %:** 6.98 dB
    - 0.01 %:** 7.73 dB
    - 0.001 %:** 8.52 dB
    - 0.0001 %:** 8.78 dB
    - Peak:** 8.83 dB
    - 27.90 dBm**
- Top Center (Settings):**
  - Att: 40 dB**
  - Trig RF Burst**
  - Trig Delay:** 500.0 ps
  - Center Freq:** 3.840000000 GHz
  - Counts:** 1.00 M
  - RF Gain:** Low
  - Radio Std:** None
- Right Panel (Graph):**
  - 2 Graph:** Gaussian
  - The graph shows a log-log plot of power spectral density. The y-axis ranges from 0.0001 to 100 dBm. The x-axis ranges from 0.00 dB to 20.00 dB. A yellow curve represents the measured signal, and a blue curve represents the Gaussian fit. The signal is centered around 19.07 dBm.

The bottom status bar shows the date and time: 'Jul 07, 2022 8:59:33 AM'.

**Spectrum Analyzer 1**  
Power Stat CDF

**KEYSIGHT** Input RF  
R 1 → Coupling DC  
Assign Auto

Input 2: 50.0  
Con CCoat  
Freq Ref: 1st (S)

Att: 40 dB

Trig: RF Burst  
Trig Delay: 500.0 ps  
RF: Gain Low

Center Freq: 3.840000000 GHz  
1.00 M 1.00 Mpt  
Radio Std: None

**1 Metrics**

**Average Power**

|                 |
|-----------------|
| 18.06 dBm       |
| 34.17 % at 0 dB |

100.0 % : 5.15 dB  
1.0 % : 7.18 dB  
0.1 % : 8.27 dB  
0.01 % : 8.89 dB  
0.001 % : 8.95 dB  
0.0001 % : 8.97 dB

**Peak**

|           |
|-----------|
| 9.05 dB   |
| 27.11 dBm |

**2 Graph**  
Gaussian

100 %  
10 %  
1 %  
0.1 %  
0.01 %  
0.001 %  
0.0001 %  
0.00 %

0.00 dB  
100.00 GHz

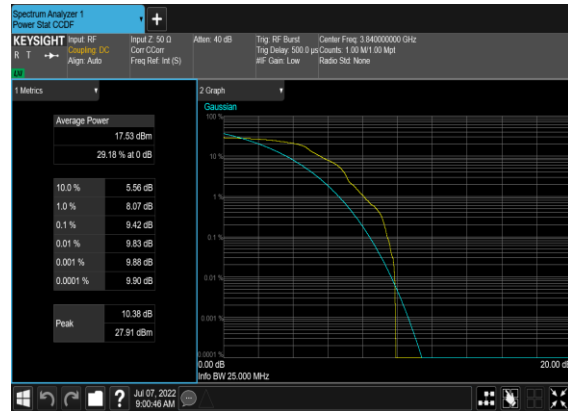
into BW 25.000 MHz

Jul 07 2025  
8:59:57 AM

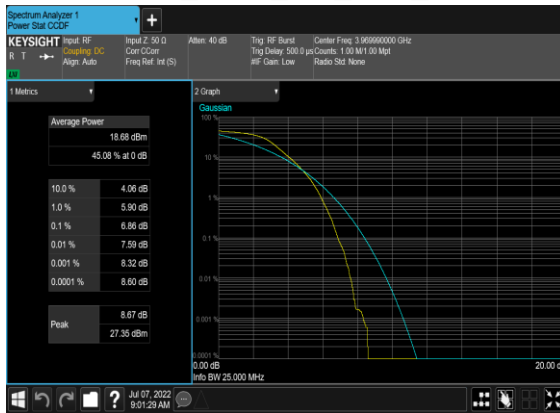
N77(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



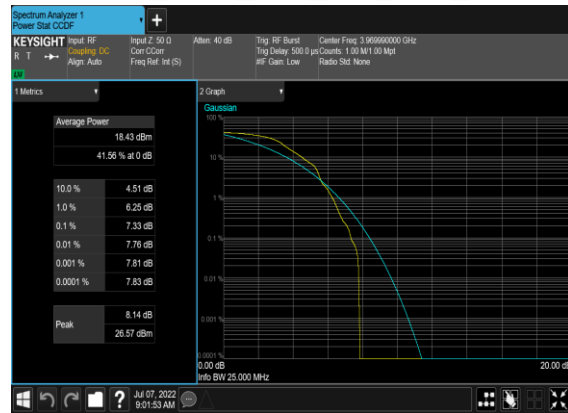
N77(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



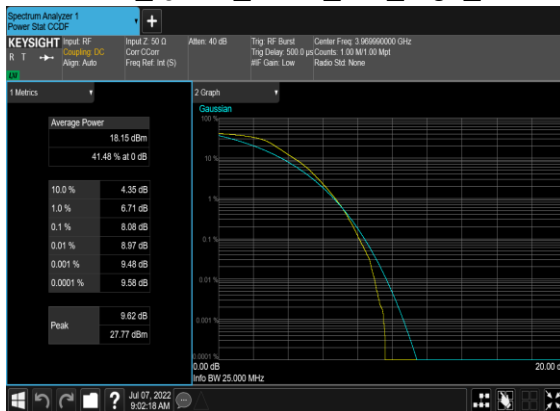
N77(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_High\_CH



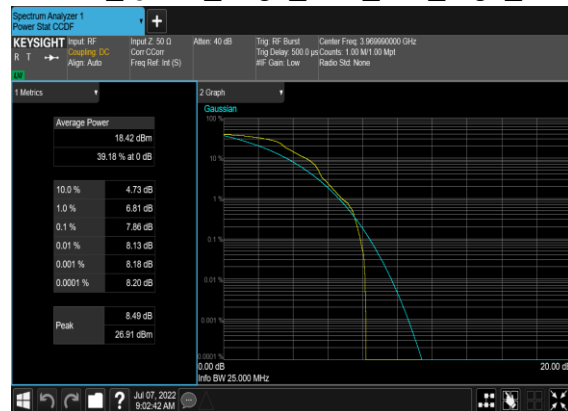
N77(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Edge\_1RB\_Left\_High\_CH



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



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



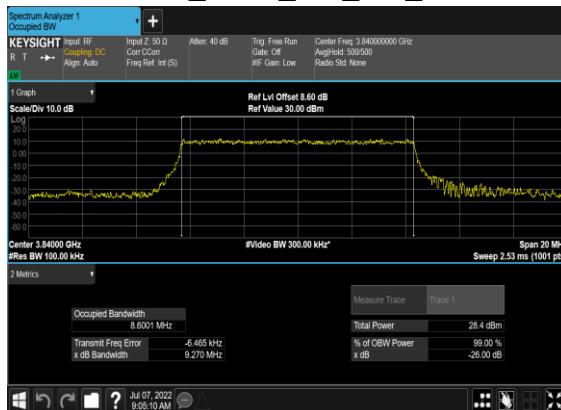
## Occupied Bandwidth

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation           | RB    | OBW (MHz) | 26dB OBW (MHz) |
|---------|-----------|-----------------|--------|------------|----------------------|-------|-----------|----------------|
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM PI/2 BPSK | 24@0  | 8.6001    | 9.27           |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM QPSK      | 24@0  | 8.5581    | 9.311          |
| 77      | 30        | 10              | 656000 | 3840.0     | CP-OFDM QPSK         | 24@0  | 8.5708    | 9.375          |
| 77      | 30        | 10              | 656000 | 3840.0     | CP-OFDM 16 QAM       | 24@0  | 8.5749    | 9.375          |
| 77      | 30        | 10              | 656000 | 3840.0     | CP-OFDM 64 QAM       | 24@0  | 8.5901    | 9.457          |
| 77      | 30        | 10              | 656000 | 3840.0     | CP-OFDM 256 QAM      | 24@0  | 8.5788    | 9.3            |
| 77      | 30        | 15              | 656000 | 3840.0     | DFT-s-OFDM PI/2 BPSK | 36@0  | 12.868    | 13.84          |
| 77      | 30        | 15              | 656000 | 3840.0     | DFT-s-OFDM QPSK      | 36@0  | 12.817    | 13.91          |
| 77      | 30        | 15              | 656000 | 3840.0     | CP-OFDM QPSK         | 38@0  | 13.562    | 14.52          |
| 77      | 30        | 15              | 656000 | 3840.0     | CP-OFDM 16 QAM       | 38@0  | 13.579    | 14.5           |
| 77      | 30        | 15              | 656000 | 3840.0     | CP-OFDM 64 QAM       | 38@0  | 13.586    | 14.43          |
| 77      | 30        | 15              | 656000 | 3840.0     | CP-OFDM 256 QAM      | 38@0  | 13.582    | 14.47          |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM PI/2 BPSK | 50@0  | 17.824    | 18.81          |
| 77      | 30        | 20              | 656000 | 3840.0     | DFT-s-OFDM QPSK      | 50@0  | 17.811    | 18.96          |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM QPSK         | 51@0  | 18.207    | 19.5           |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 16 QAM       | 51@0  | 18.189    | 19.38          |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 64 QAM       | 51@0  | 18.173    | 19.4           |
| 77      | 30        | 20              | 656000 | 3840.0     | CP-OFDM 256 QAM      | 51@0  | 18.235    | 19.24          |
| 77      | 30        | 40              | 656000 | 3840.0     | DFT-s-OFDM PI/2 BPSK | 100@0 | 35.679    | 37.41          |
| 77      | 30        | 40              | 656000 | 3840.0     | DFT-s-OFDM QPSK      | 100@0 | 35.733    | 37.55          |
| 77      | 30        | 40              | 656000 | 3840.0     | CP-OFDM QPSK         | 106@0 | 37.856    | 39.52          |
| 77      | 30        | 40              | 656000 | 3840.0     | CP-OFDM 16 QAM       | 106@0 | 37.812    | 39.47          |
| 77      | 30        | 40              | 656000 | 3840.0     | CP-OFDM 64 QAM       | 106@0 | 37.818    | 39.51          |
| 77      | 30        | 40              | 656000 | 3840.0     | CP-OFDM 256 QAM      | 106@0 | 37.914    | 39.51          |

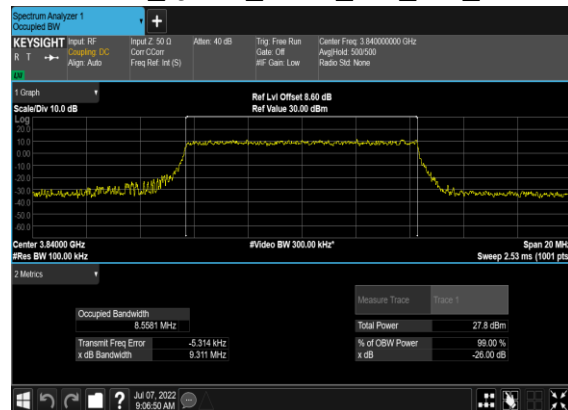
|    |    |     |        |        |                      |       |        |       |
|----|----|-----|--------|--------|----------------------|-------|--------|-------|
| 77 | 30 | 50  | 656000 | 3840.0 | DFT-s-OFDM PI/2 BPSK | 128@0 | 45.692 | 47.74 |
| 77 | 30 | 50  | 656000 | 3840.0 | DFT-s-OFDM QPSK      | 128@0 | 45.72  | 47.81 |
| 77 | 30 | 50  | 656000 | 3840.0 | CP-OFDM QPSK         | 133@0 | 47.531 | 49.25 |
| 77 | 30 | 50  | 656000 | 3840.0 | CP-OFDM 16 QAM       | 133@0 | 47.474 | 49.47 |
| 77 | 30 | 50  | 656000 | 3840.0 | CP-OFDM 64 QAM       | 133@0 | 47.385 | 49.42 |
| 77 | 30 | 50  | 656000 | 3840.0 | CP-OFDM 256 QAM      | 133@0 | 47.358 | 49.51 |
| 77 | 30 | 60  | 656000 | 3840.0 | DFT-s-OFDM PI/2 BPSK | 162@0 | 57.714 | 60.0  |
| 77 | 30 | 60  | 656000 | 3840.0 | DFT-s-OFDM QPSK      | 162@0 | 57.837 | 59.96 |
| 77 | 30 | 60  | 656000 | 3840.0 | CP-OFDM QPSK         | 162@0 | 57.726 | 59.96 |
| 77 | 30 | 60  | 656000 | 3840.0 | CP-OFDM 16 QAM       | 162@0 | 57.77  | 59.79 |
| 77 | 30 | 60  | 656000 | 3840.0 | CP-OFDM 64 QAM       | 162@0 | 57.703 | 59.71 |
| 77 | 30 | 60  | 656000 | 3840.0 | CP-OFDM 256 QAM      | 162@0 | 57.762 | 59.91 |
| 77 | 30 | 80  | 656000 | 3840.0 | DFT-s-OFDM PI/2 BPSK | 216@0 | 77.04  | 79.74 |
| 77 | 30 | 80  | 656000 | 3840.0 | DFT-s-OFDM QPSK      | 216@0 | 77.091 | 79.6  |
| 77 | 30 | 80  | 656000 | 3840.0 | CP-OFDM QPSK         | 217@0 | 77.249 | 80.07 |
| 77 | 30 | 80  | 656000 | 3840.0 | CP-OFDM 16 QAM       | 217@0 | 77.238 | 79.92 |
| 77 | 30 | 80  | 656000 | 3840.0 | CP-OFDM 64 QAM       | 217@0 | 77.425 | 79.97 |
| 77 | 30 | 80  | 656000 | 3840.0 | CP-OFDM 256 QAM      | 217@0 | 77.461 | 79.94 |
| 77 | 30 | 90  | 656000 | 3840.0 | DFT-s-OFDM PI/2 BPSK | 240@0 | 85.53  | 88.68 |
| 77 | 30 | 90  | 656000 | 3840.0 | DFT-s-OFDM QPSK      | 240@0 | 85.714 | 88.82 |
| 77 | 30 | 90  | 656000 | 3840.0 | CP-OFDM QPSK         | 245@0 | 87.559 | 90.41 |
| 77 | 30 | 90  | 656000 | 3840.0 | CP-OFDM 16 QAM       | 245@0 | 87.382 | 90.41 |
| 77 | 30 | 90  | 656000 | 3840.0 | CP-OFDM 64 QAM       | 245@0 | 87.273 | 90.21 |
| 77 | 30 | 90  | 656000 | 3840.0 | CP-OFDM 256 QAM      | 245@0 | 87.554 | 90.29 |
| 77 | 30 | 100 | 656000 | 3840.0 | DFT-s-OFDM PI/2 BPSK | 270@0 | 96.275 | 99.55 |

|    |    |     |        |        |                 |       |        |       |
|----|----|-----|--------|--------|-----------------|-------|--------|-------|
| 77 | 30 | 100 | 656000 | 3840.0 | DFT-s-OFDM QPSK | 270@0 | 96.355 | 99.36 |
| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM QPSK    | 273@0 | 97.207 | 100.5 |
| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM 16 QAM  | 273@0 | 97.256 | 100.4 |
| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM 64 QAM  | 273@0 | 97.314 | 100.5 |
| 77 | 30 | 100 | 656000 | 3840.0 | CP-OFDM 256 QAM | 273@0 | 97.307 | 100.4 |

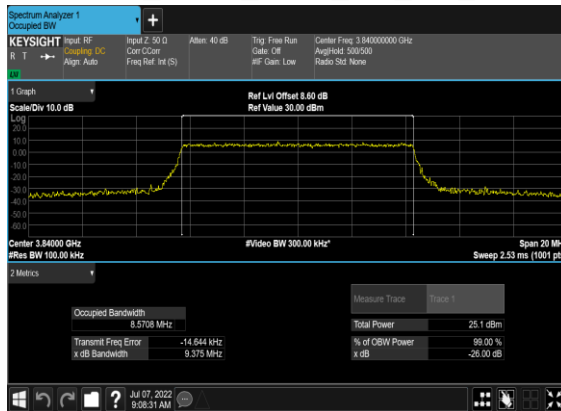
N77(10M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



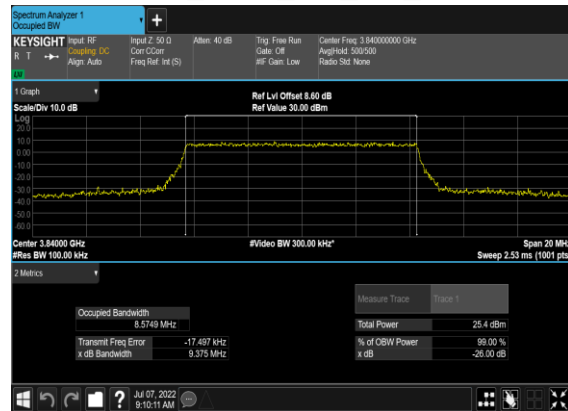
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



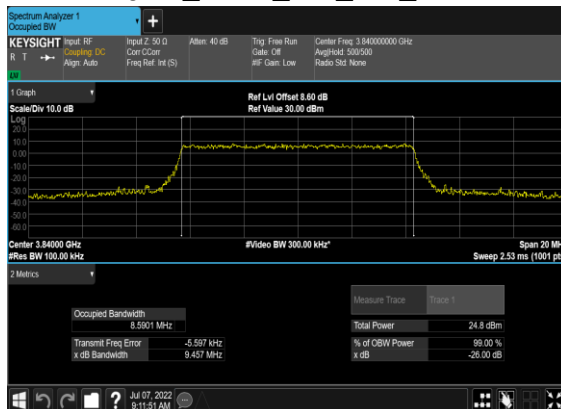
N77(10M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



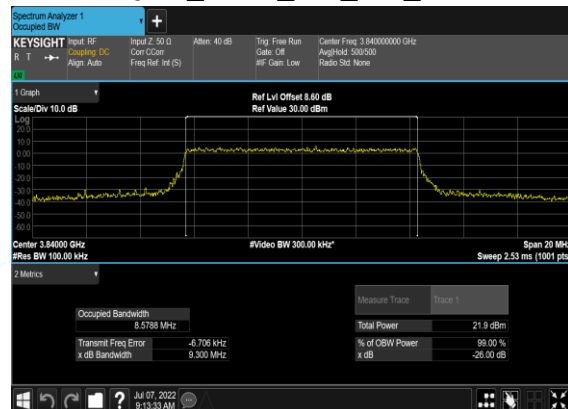
N77(10M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



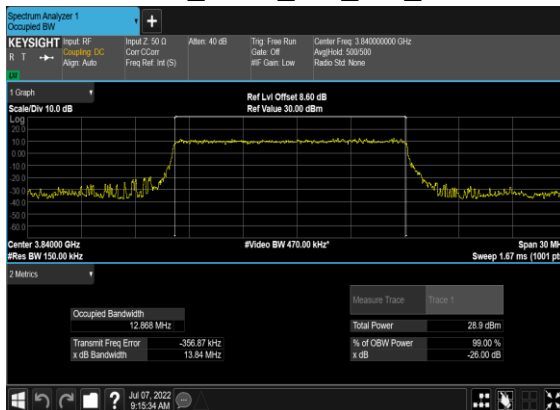
N77(10M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



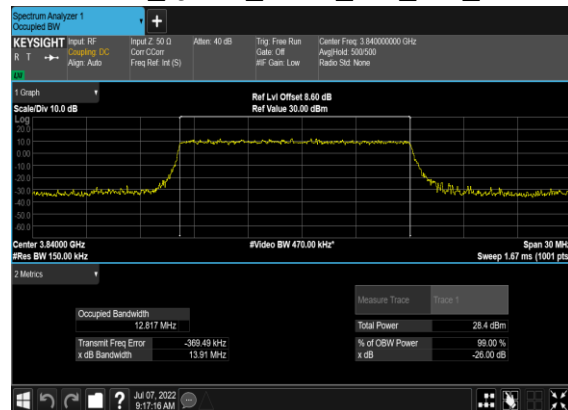
N77(10M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



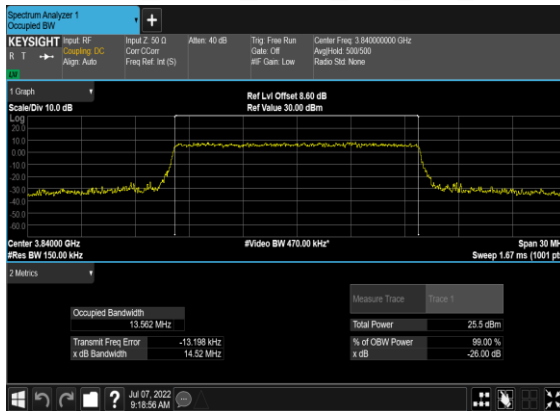
N77(15M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



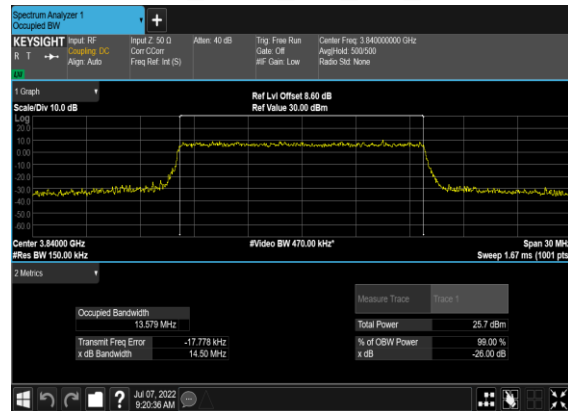
N77(15M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



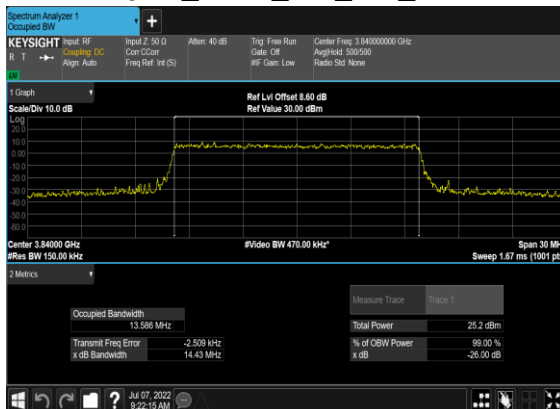
N77(15M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



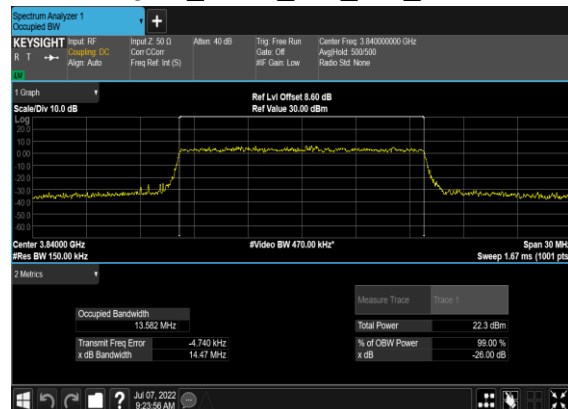
N77(15M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



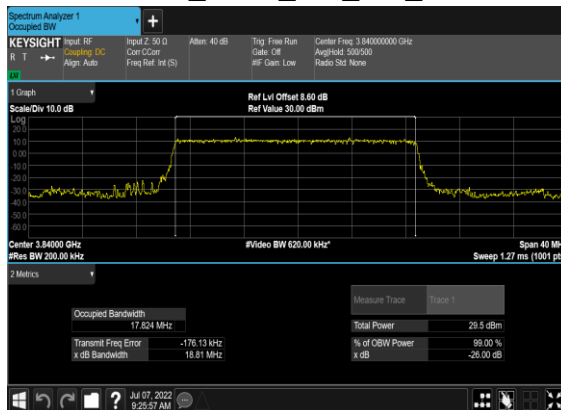
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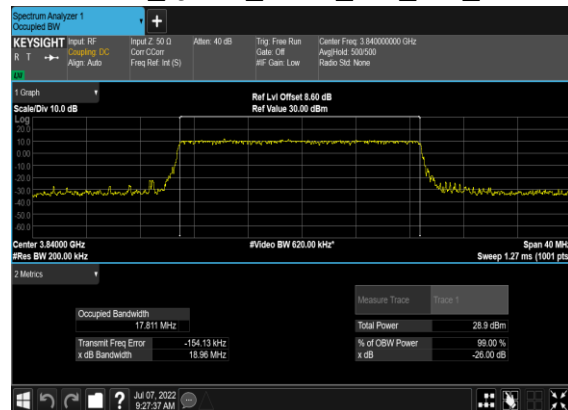
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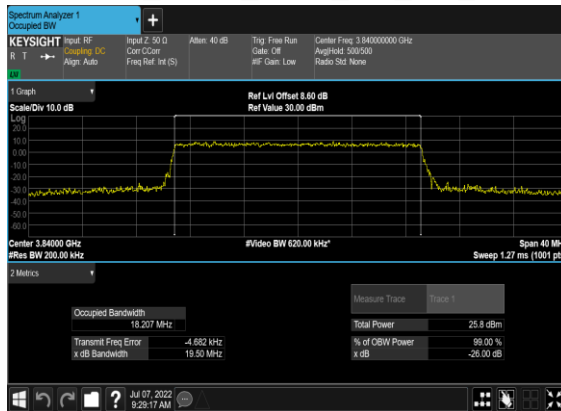
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BPSK\_Outer\_Full\_Mid\_CH



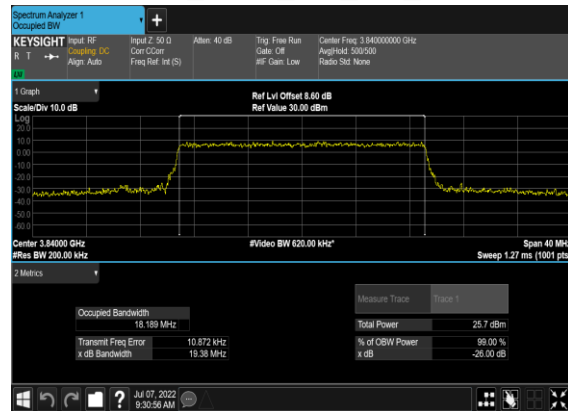
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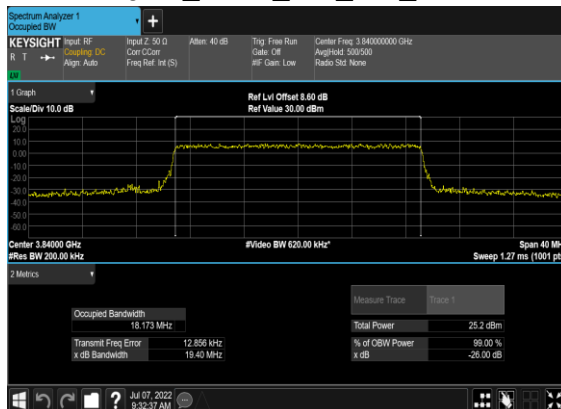
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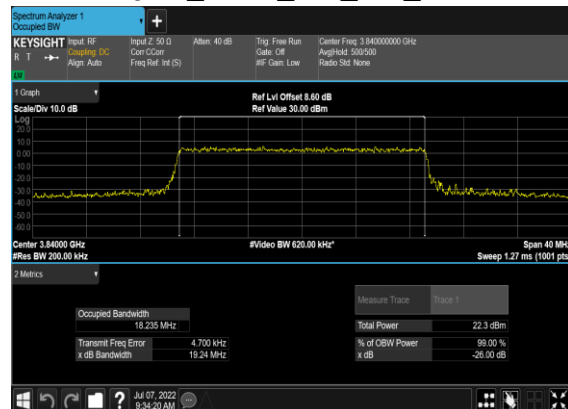
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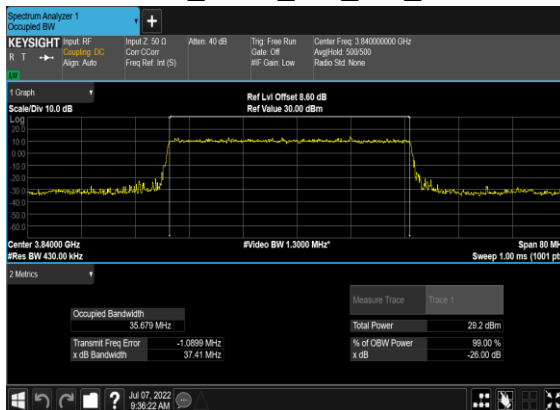
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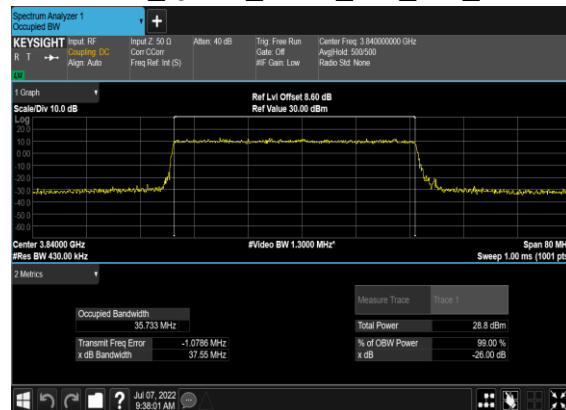
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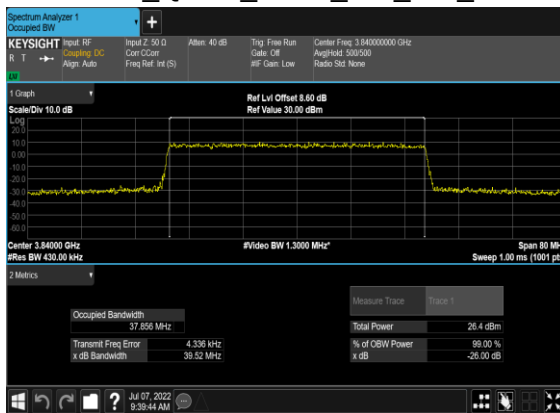
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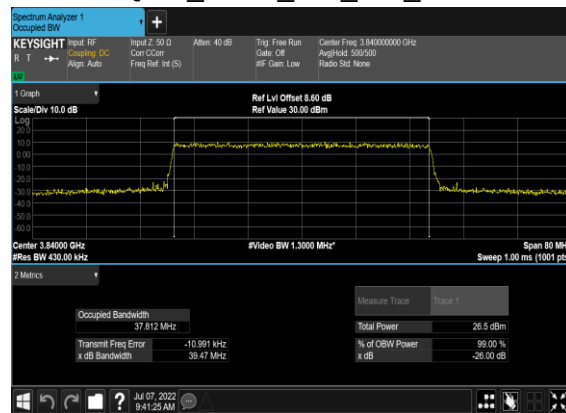
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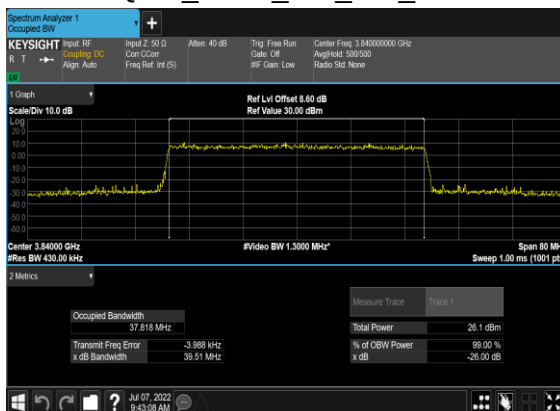
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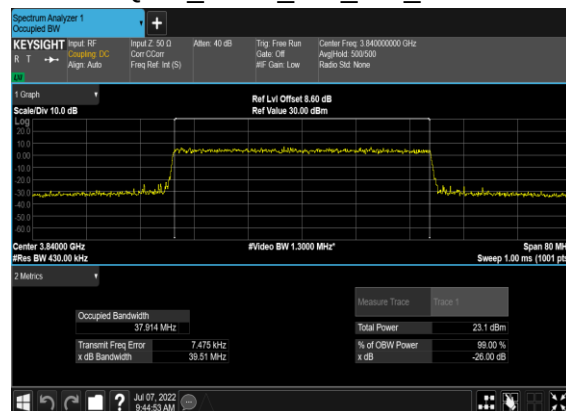
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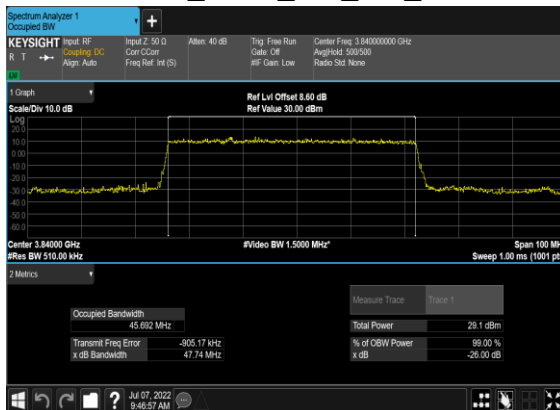
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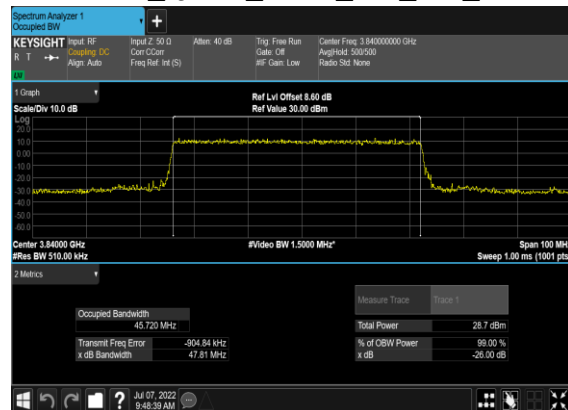
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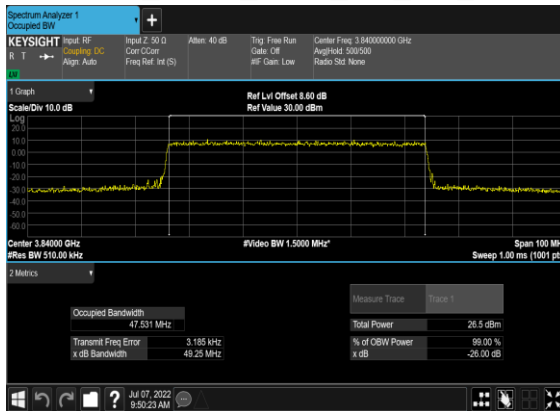
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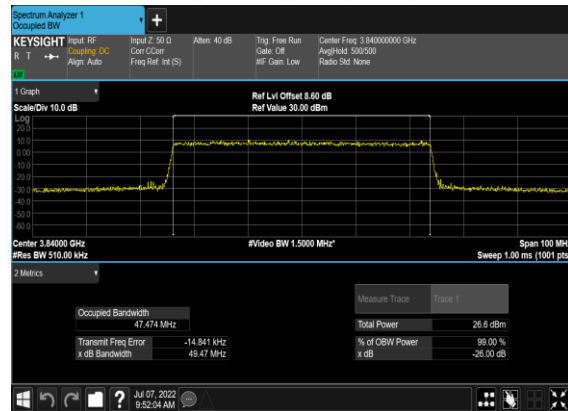
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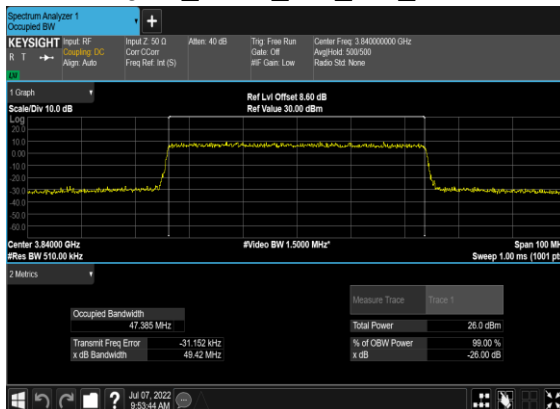
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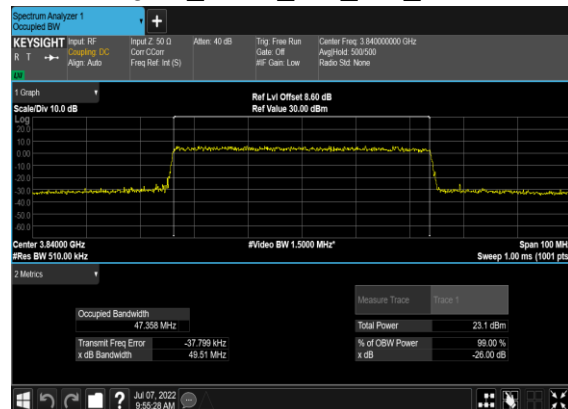
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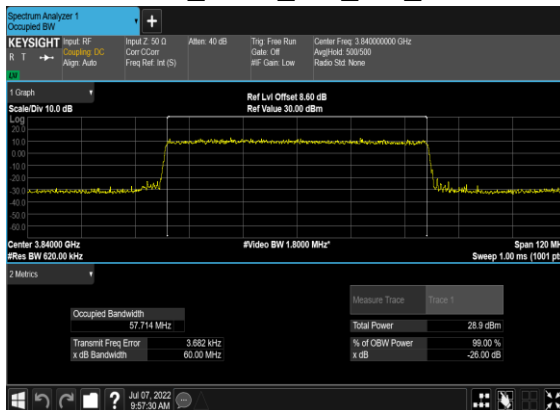
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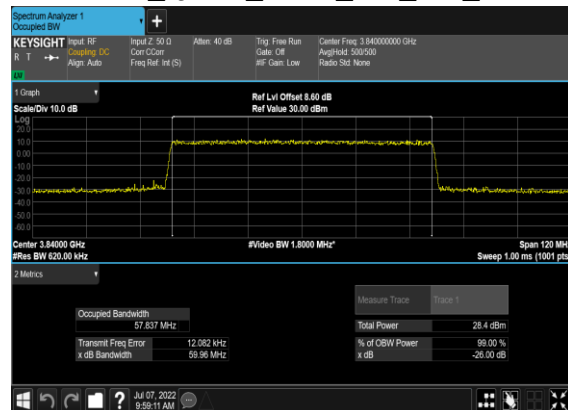
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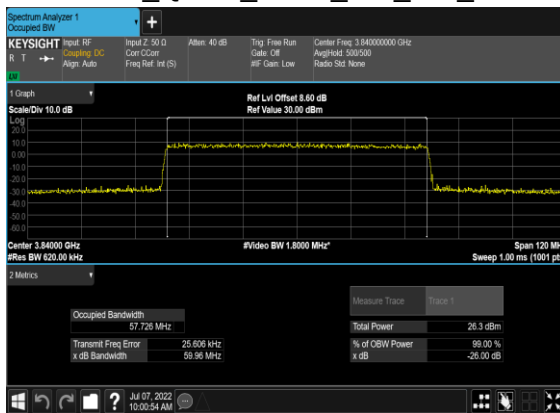
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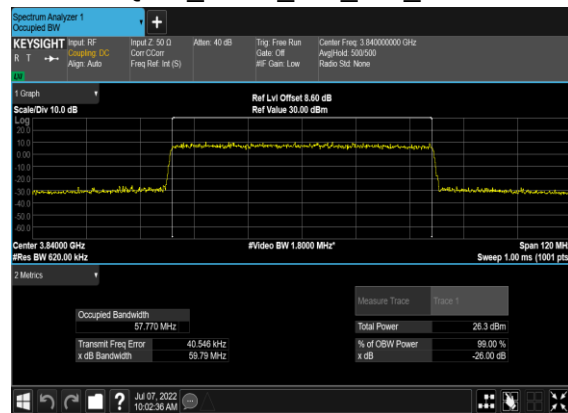
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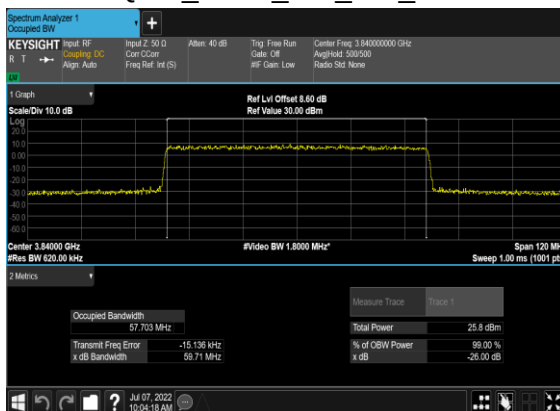
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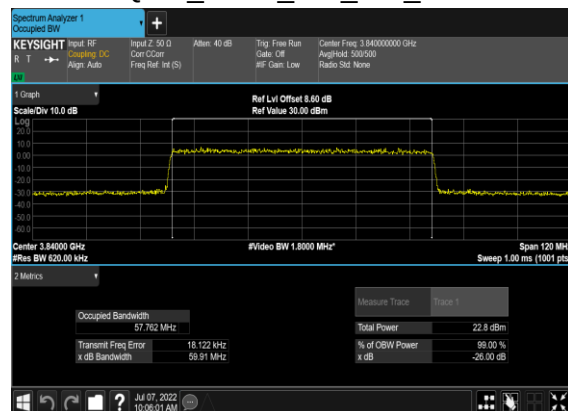
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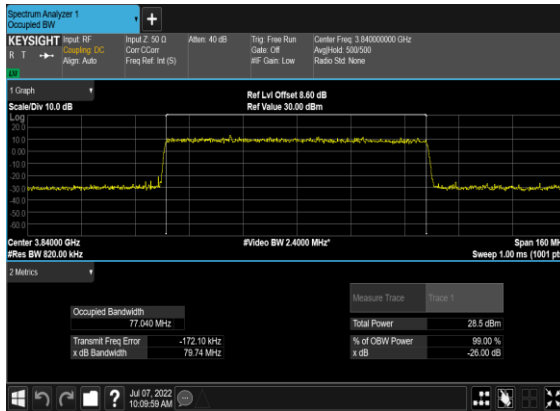
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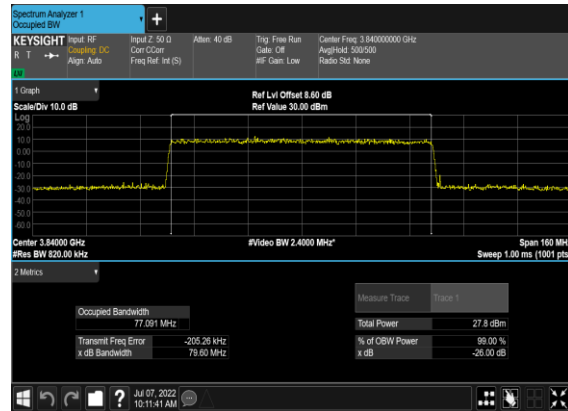
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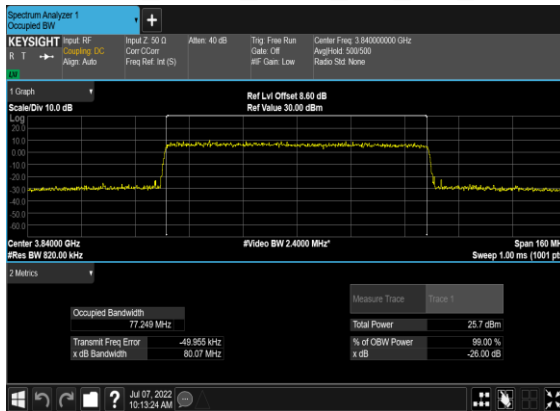
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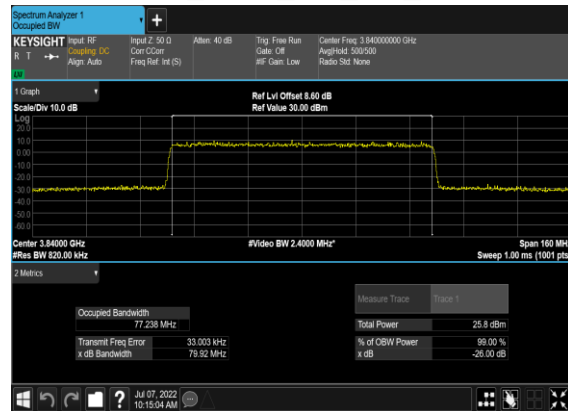
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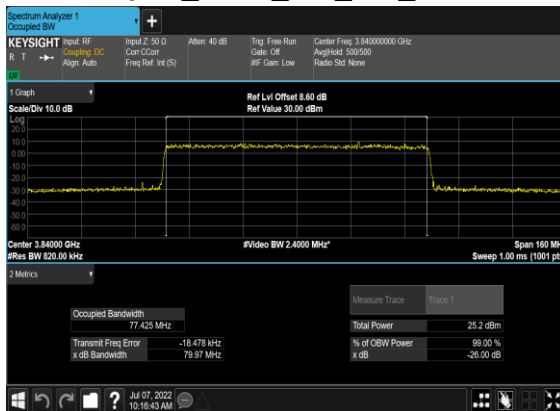
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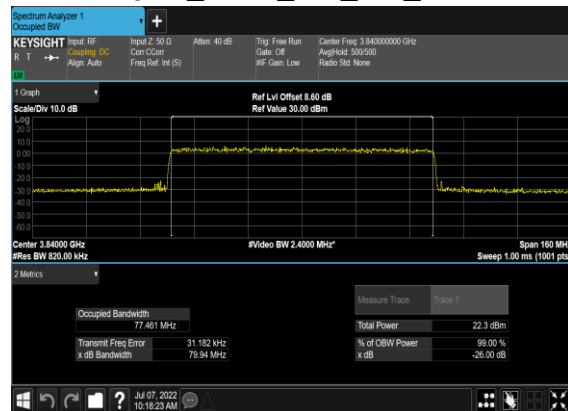
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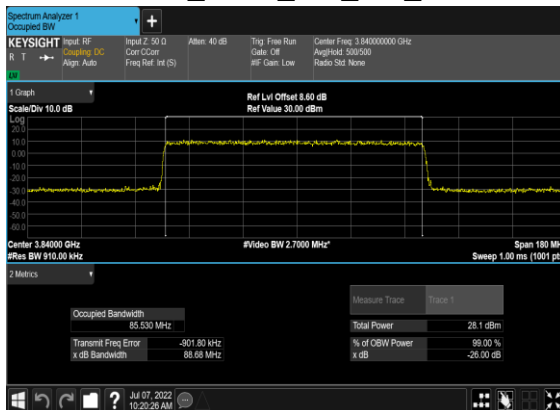
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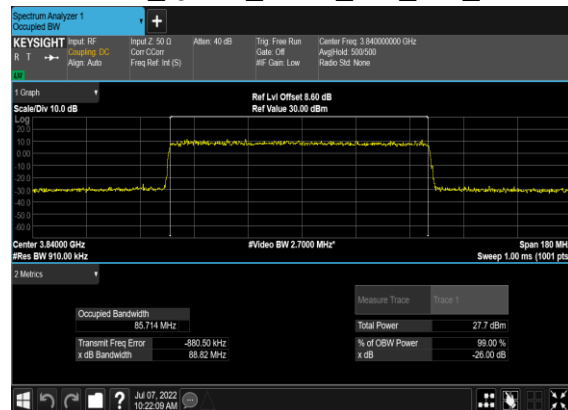
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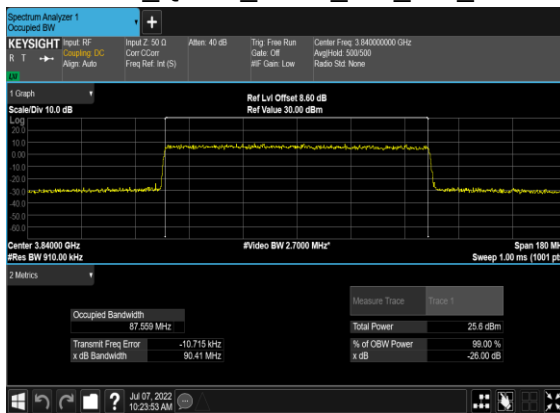
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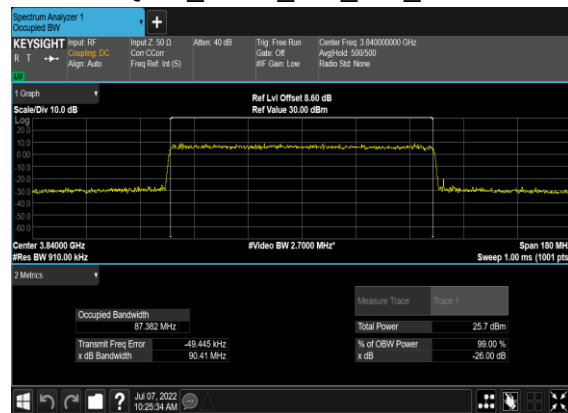
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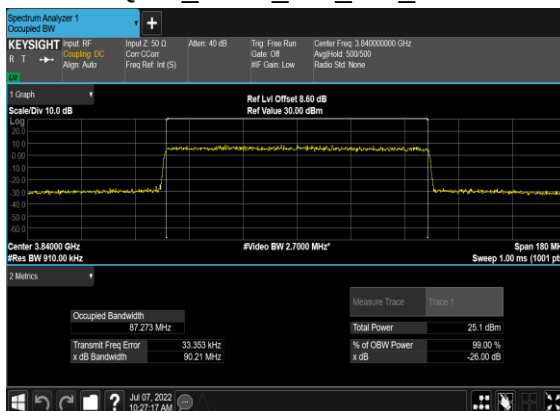
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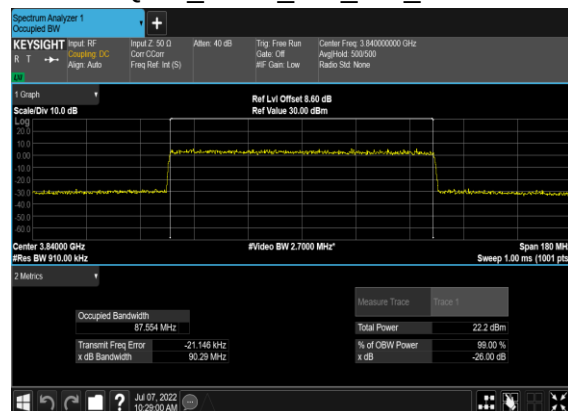
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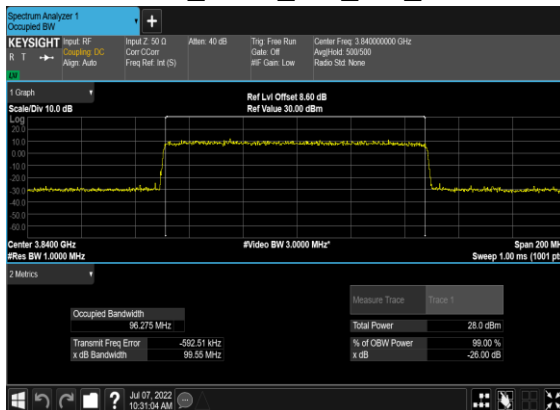
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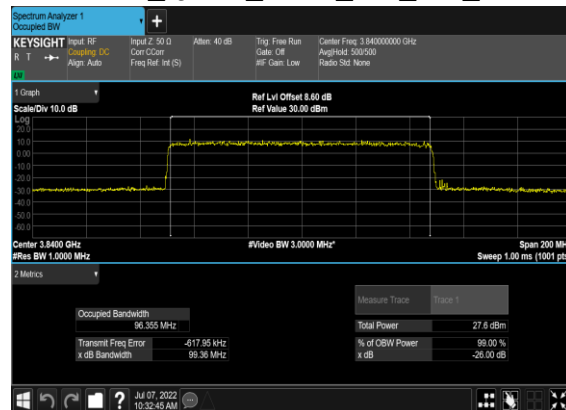
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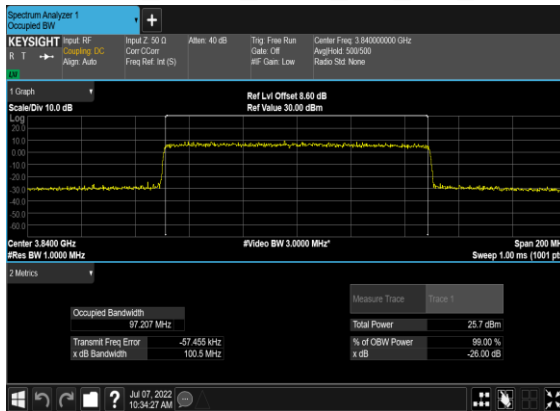
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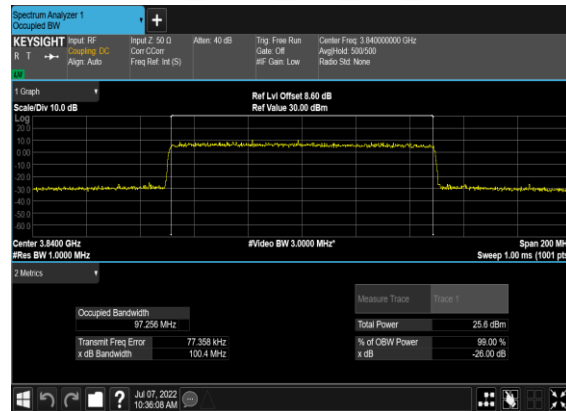
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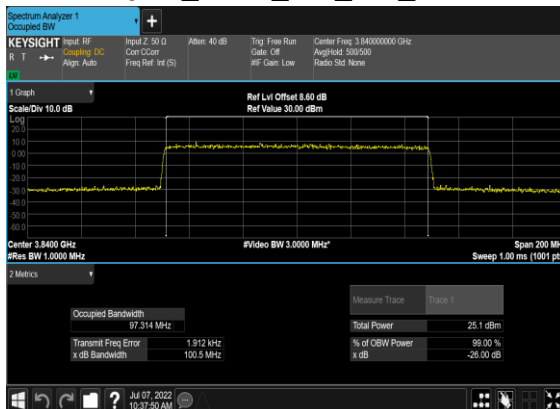
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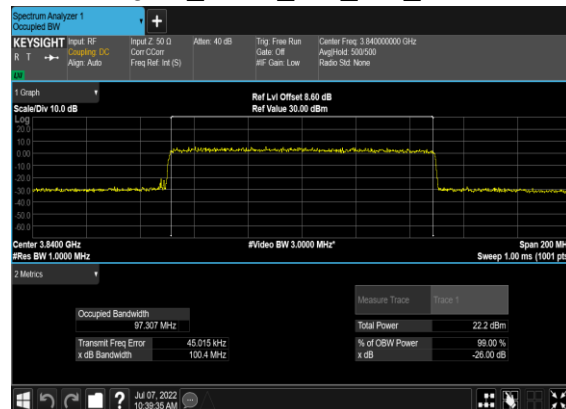
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QAM\_Outer\_Full\_Mid\_CH



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



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



## Conducted Spurious Emissions

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB  | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-----|-----------|---------|
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 647000 | 3705.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 656000 | 3840.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 665000 | 3975.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 648334 | 3725.01    | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |

|    |    |     |        |         |                 |     |           |      |
|----|----|-----|--------|---------|-----------------|-----|-----------|------|
| 77 | 30 | 50  | 648334 | 3725.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 648334 | 3725.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 656000 | 3840.0  | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 77 | 30 | 50  | 656000 | 3840.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 656000 | 3840.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 656000 | 3840.0  | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 77 | 30 | 50  | 656000 | 3840.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 656000 | 3840.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 663666 | 3954.99 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 77 | 30 | 50  | 663666 | 3954.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 663666 | 3954.99 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 663666 | 3954.99 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 77 | 30 | 50  | 663666 | 3954.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 663666 | 3954.99 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 650000 | 3750.0  | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 77 | 30 | 100 | 650000 | 3750.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 650000 | 3750.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 650000 | 3750.0  | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 77 | 30 | 100 | 650000 | 3750.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 650000 | 3750.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 656000 | 3840.0  | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 77 | 30 | 100 | 656000 | 3840.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 656000 | 3840.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 656000 | 3840.0  | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |

|    |    |     |        |        |                 |     |           |      |
|----|----|-----|--------|--------|-----------------|-----|-----------|------|
| 77 | 30 | 100 | 656000 | 3840.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 656000 | 3840.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 662000 | 3930.0 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 77 | 30 | 100 | 662000 | 3930.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 662000 | 3930.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 662000 | 3930.0 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 77 | 30 | 100 | 662000 | 3930.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 662000 | 3930.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |