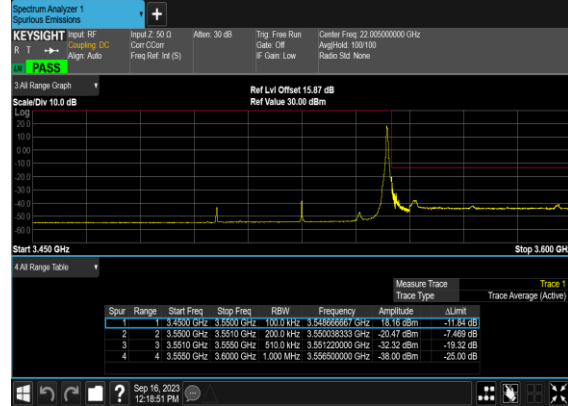


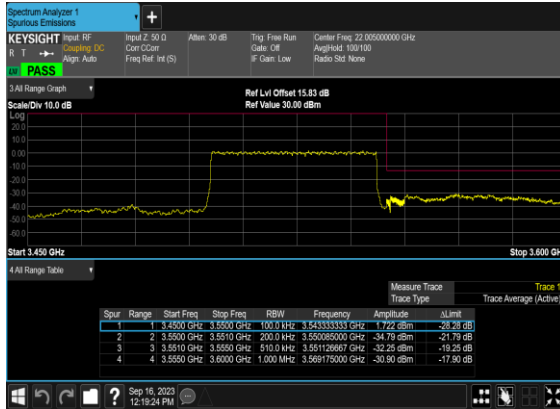
### N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



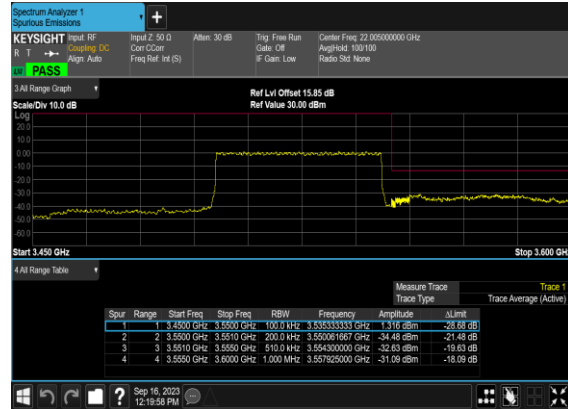
### N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



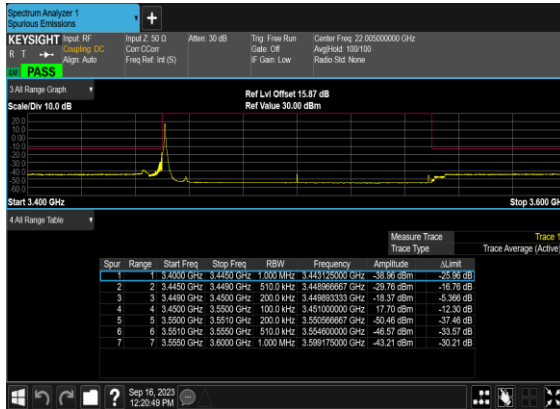
### N77(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



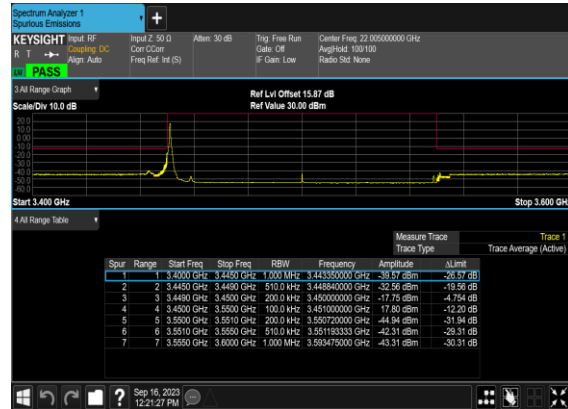
### N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



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



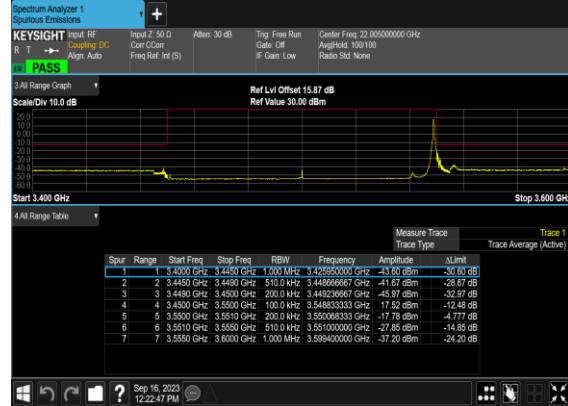
### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



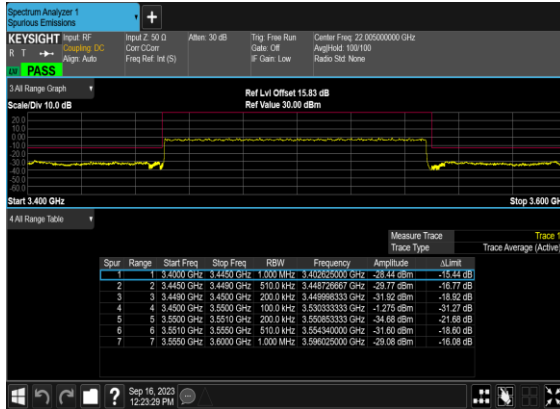
# N77(100M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



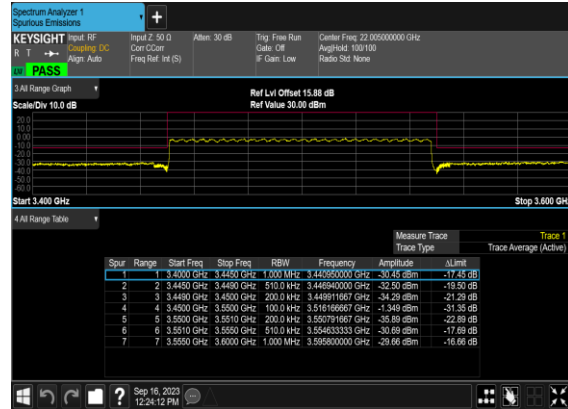
# N77(100M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



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



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



# FR1 N77

LTE Band: 5, LTE BW: 10M, LTE ARFCN: Mid

## Transmitter Conducted Output Power And EIRP, ( $G_T - L_C$ )=-2dB

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation        | RB  | Conducted Power (dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----------|-----------------|--------|------------|-------------------|-----|-----------------------|------------|----------|
| 77      | 30        | 10              | 630334 | 3500.01    | DFT-s-OFDM QPSK   | 1@1 | 25.84                 | 23.84      | 0.2421   |
| 77      | 30        | 10              | 630334 | 3455.01    | DFT-s-OFDM 16 QAM | 1@1 | 24.78                 | 22.78      | 0.1897   |
| 77      | 30        | 10              | 633334 | 3500.01    | DFT-s-OFDM QPSK   | 1@1 | 25.64                 | 23.64      | 0.2312   |
| 77      | 30        | 10              | 633334 | 3500.01    | DFT-s-OFDM 16 QAM | 1@1 | 24.79                 | 22.79      | 0.1901   |
| 77      | 30        | 10              | 636332 | 3544.98    | DFT-s-OFDM QPSK   | 1@1 | 25.8                  | 23.8       | 0.2399   |
| 77      | 30        | 10              | 636332 | 3544.98    | DFT-s-OFDM 16 QAM | 1@1 | 24.96                 | 22.96      | 0.1977   |
| 77      | 30        | 15              | 630500 | 3457.5     | DFT-s-OFDM QPSK   | 1@1 | 25.53                 | 23.53      | 0.2254   |
| 77      | 30        | 15              | 630500 | 3457.5     | DFT-s-OFDM 16 QAM | 1@1 | 24.58                 | 22.58      | 0.1811   |
| 77      | 30        | 15              | 633334 | 3500.01    | DFT-s-OFDM QPSK   | 1@1 | 25.65                 | 23.65      | 0.2317   |
| 77      | 30        | 15              | 633334 | 3500.01    | DFT-s-OFDM 16 QAM | 1@1 | 24.8                  | 22.8       | 0.1905   |
| 77      | 30        | 15              | 636166 | 3542.49    | DFT-s-OFDM QPSK   | 1@1 | 25.77                 | 23.77      | 0.2382   |
| 77      | 30        | 15              | 636166 | 3542.49    | DFT-s-OFDM 16 QAM | 1@1 | 24.98                 | 22.98      | 0.1986   |
| 77      | 30        | 20              | 630668 | 3460.02    | DFT-s-OFDM QPSK   | 1@1 | 25.54                 | 23.54      | 0.2259   |
| 77      | 30        | 20              | 630668 | 3460.02    | DFT-s-OFDM 16 QAM | 1@1 | 24.61                 | 22.61      | 0.1824   |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK   | 1@1 | 25.66                 | 23.66      | 0.2323   |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM 16 QAM | 1@1 | 24.7                  | 22.7       | 0.1862   |
| 77      | 30        | 20              | 636000 | 3540       | DFT-s-OFDM QPSK   | 1@1 | 25.81                 | 23.81      | 0.2404   |
| 77      | 30        | 20              | 636000 | 3540       | DFT-s-OFDM 16 QAM | 1@1 | 24.93                 | 22.93      | 0.1963   |
| 77      | 30        | 30              | 631000 | 3465       | DFT-s-OFDM        | 1@1 | 25.7                  | 23.7       | 0.2344   |

|    |    |    |        |         |                   |     |       |       |        |
|----|----|----|--------|---------|-------------------|-----|-------|-------|--------|
|    |    |    |        |         | QPSK              |     |       |       |        |
| 77 | 30 | 30 | 631000 | 3465    | DFT-s-OFDM 16 QAM | 1@1 | 24.76 | 22.76 | 0.1888 |
| 77 | 30 | 30 | 633334 | 3500.01 | DFT-s-OFDM QPSK   | 1@1 | 25.83 | 23.83 | 0.2415 |
| 77 | 30 | 30 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.89 | 22.89 | 0.1945 |
| 77 | 30 | 30 | 635666 | 3534.99 | DFT-s-OFDM QPSK   | 1@1 | 25.81 | 23.81 | 0.2404 |
| 77 | 30 | 30 | 635666 | 3534.99 | DFT-s-OFDM 16 QAM | 1@1 | 24.94 | 22.94 | 0.1968 |
| 77 | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM QPSK   | 1@1 | 25.6  | 23.6  | 0.2291 |
| 77 | 30 | 40 | 631334 | 3470.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.67 | 22.67 | 0.1849 |
| 77 | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM QPSK   | 1@1 | 25.63 | 23.63 | 0.2307 |
| 77 | 30 | 40 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.63 | 22.63 | 0.1832 |
| 77 | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM QPSK   | 1@1 | 25.71 | 23.71 | 0.2350 |
| 77 | 30 | 40 | 635332 | 3529.98 | DFT-s-OFDM 16 QAM | 1@1 | 24.82 | 22.82 | 0.1914 |
| 77 | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM QPSK   | 1@1 | 25.77 | 23.77 | 0.2382 |
| 77 | 30 | 50 | 631668 | 3475.02 | DFT-s-OFDM 16 QAM | 1@1 | 24.87 | 22.87 | 0.1936 |
| 77 | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM QPSK   | 1@1 | 25.81 | 23.81 | 0.2404 |
| 77 | 30 | 50 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.9  | 22.9  | 0.1950 |
| 77 | 30 | 50 | 635000 | 3525    | DFT-s-OFDM QPSK   | 1@1 | 25.84 | 23.84 | 0.2421 |
| 77 | 30 | 50 | 635000 | 3525    | DFT-s-OFDM 16 QAM | 1@1 | 24.93 | 22.93 | 0.1963 |
| 77 | 30 | 60 | 632000 | 3480    | DFT-s-OFDM QPSK   | 1@1 | 25.65 | 23.65 | 0.2317 |
| 77 | 30 | 60 | 632000 | 3480    | DFT-s-OFDM 16 QAM | 1@1 | 24.58 | 22.58 | 0.1811 |
| 77 | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM QPSK   | 1@1 | 25.67 | 23.67 | 0.2328 |
| 77 | 30 | 60 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM | 1@1 | 24.68 | 22.68 | 0.1854 |
| 77 | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM QPSK   | 1@1 | 25.73 | 23.73 | 0.2360 |
| 77 | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM 16 QAM | 1@1 | 24.63 | 22.63 | 0.1832 |

|    |    |     |        |         |                      |        |       |       |        |
|----|----|-----|--------|---------|----------------------|--------|-------|-------|--------|
| 77 | 30 | 70  | 632334 | 3485.01 | DFT-s-OFDM QPSK      | 1@1    | 25.7  | 23.7  | 0.2344 |
| 77 | 30 | 70  | 632334 | 3485.01 | DFT-s-OFDM 16 QAM    | 1@1    | 24.76 | 22.76 | 0.1888 |
| 77 | 30 | 70  | 633334 | 3500.01 | DFT-s-OFDM QPSK      | 1@1    | 25.8  | 23.8  | 0.2399 |
| 77 | 30 | 70  | 633334 | 3500.01 | DFT-s-OFDM 16 QAM    | 1@1    | 24.78 | 22.78 | 0.1897 |
| 77 | 30 | 70  | 634332 | 3514.98 | DFT-s-OFDM QPSK      | 1@1    | 25.83 | 23.83 | 0.2415 |
| 77 | 30 | 70  | 634332 | 3514.98 | DFT-s-OFDM 16 QAM    | 1@1    | 24.9  | 22.9  | 0.1950 |
| 77 | 30 | 80  | 632668 | 3490.02 | DFT-s-OFDM QPSK      | 1@1    | 25.78 | 23.78 | 0.2388 |
| 77 | 30 | 80  | 632668 | 3490.02 | DFT-s-OFDM 16 QAM    | 1@1    | 24.8  | 22.8  | 0.1905 |
| 77 | 30 | 80  | 633334 | 3500.01 | DFT-s-OFDM QPSK      | 1@1    | 25.76 | 23.76 | 0.2377 |
| 77 | 30 | 80  | 633334 | 3500.01 | DFT-s-OFDM 16 QAM    | 1@1    | 24.89 | 22.89 | 0.1945 |
| 77 | 30 | 80  | 634000 | 3510    | DFT-s-OFDM QPSK      | 1@1    | 25.81 | 23.81 | 0.2404 |
| 77 | 30 | 80  | 634000 | 3510    | DFT-s-OFDM 16 QAM    | 1@1    | 24.84 | 22.84 | 0.1923 |
| 77 | 30 | 90  | 633000 | 3495    | DFT-s-OFDM QPSK      | 1@1    | 25.85 | 23.85 | 0.2427 |
| 77 | 30 | 90  | 633000 | 3495    | DFT-s-OFDM 16 QAM    | 1@1    | 24.86 | 22.86 | 0.1932 |
| 77 | 30 | 90  | 633334 | 3500.01 | DFT-s-OFDM QPSK      | 1@1    | 25.87 | 23.87 | 0.2438 |
| 77 | 30 | 90  | 633334 | 3500.01 | DFT-s-OFDM 16 QAM    | 1@1    | 24.87 | 22.87 | 0.1936 |
| 77 | 30 | 90  | 633666 | 3504.99 | DFT-s-OFDM QPSK      | 1@1    | 25.93 | 23.93 | 0.2472 |
| 77 | 30 | 90  | 633666 | 3504.99 | DFT-s-OFDM 16 QAM    | 1@1    | 24.9  | 22.9  | 0.1950 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 135@67 | 25.9  | 23.9  | 0.2455 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@1    | 26.3  | 24.3  | 0.2692 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM PI/2 BPSK | 1@271  | 25.83 | 23.83 | 0.2415 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK      | 135@67 | 25.77 | 23.77 | 0.2382 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK      | 1@1    | 25.97 | 23.97 | 0.2495 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK      | 1@271  | 25.87 | 23.87 | 0.2438 |

|    |    |     |        |         |                    |        |       |       |        |
|----|----|-----|--------|---------|--------------------|--------|-------|-------|--------|
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM  | 135@67 | 24.84 | 22.84 | 0.1923 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM  | 1@1    | 25.04 | 23.04 | 0.2014 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 16 QAM  | 1@271  | 24.94 | 22.94 | 0.1968 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM  | 135@67 | 23.4  | 21.4  | 0.1380 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM  | 1@1    | 23.51 | 21.51 | 0.1416 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 64 QAM  | 1@271  | 23.46 | 21.46 | 0.1400 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 135@67 | 21.36 | 19.36 | 0.0863 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@1    | 21.45 | 19.45 | 0.0881 |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM 256 QAM | 1@271  | 21.39 | 19.39 | 0.0869 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK       | 137@68 | 24.25 | 22.25 | 0.1679 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK       | 1@1    | 24.84 | 22.84 | 0.1923 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM QPSK       | 1@271  | 24.59 | 22.59 | 0.1816 |

## Frequency Stability

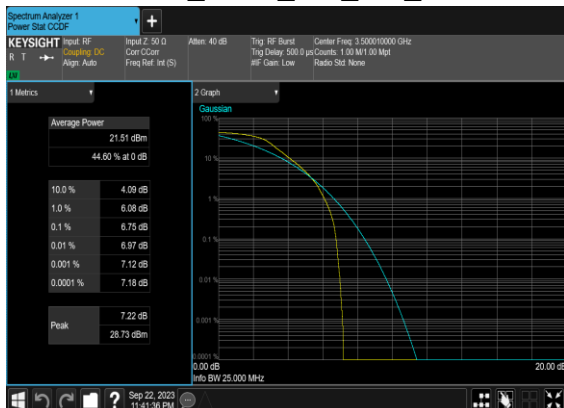
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB   | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|------|-----------------|---------|-------------|
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 50@0 | 0.0040          | PASS    | NV          |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 50@0 | 0.0043          | PASS    | LV          |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 50@0 | 0.0055          | PASS    | HV          |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 50@0 | 0.0050          | PASS    | -30°C       |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 50@0 | 0.0027          | PASS    | -20°C       |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 50@0 | 0.0048          | PASS    | -10°C       |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 50@0 | 0.0058          | PASS    | 0°C         |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 50@0 | 0.0032          | PASS    | 10°C        |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 50@0 | 0.0040          | PASS    | 20°C        |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 50@0 | 0.0040          | PASS    | 30°C        |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 50@0 | 0.0049          | PASS    | 40°C        |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 50@0 | 0.0022          | PASS    | 50°C        |

## Peak to Average Ratio

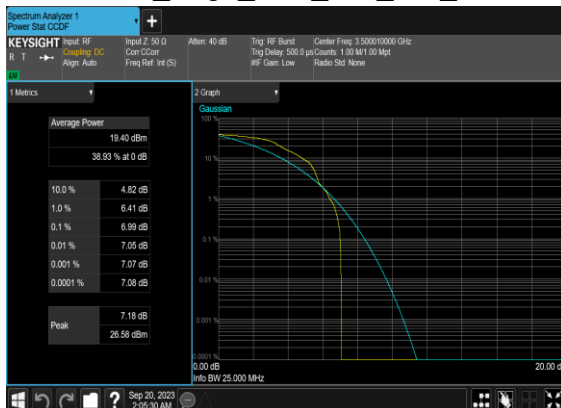
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation           | RB   | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|----------------------|------|-------------|------------|---------|
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM PI/2 BPSK | 50@0 | 6.75        | 13         | PASS    |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM PI/2 BPSK | 1@0  | 6.99        | 13         | PASS    |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK      | 50@0 | 7.21        | 13         | PASS    |
| 77      | 30        | 20              | 633334 | 3500.01    | DFT-s-OFDM QPSK      | 1@0  | 8.4         | 13         | PASS    |



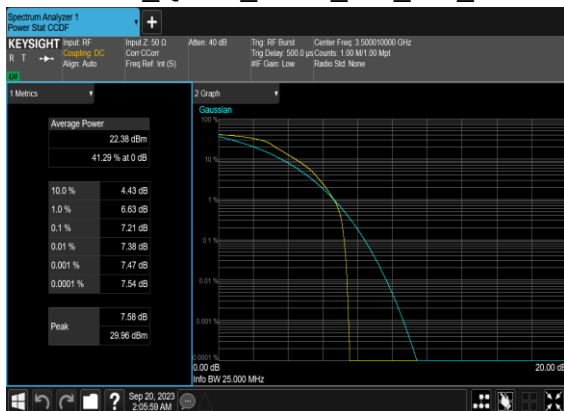
B5\_N77(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



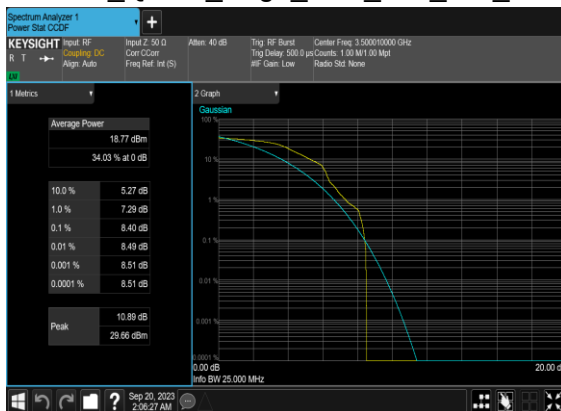
B5\_N77(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Edge\_1RB\_Left\_Mid\_CH



B5\_N77(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B5\_N77(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

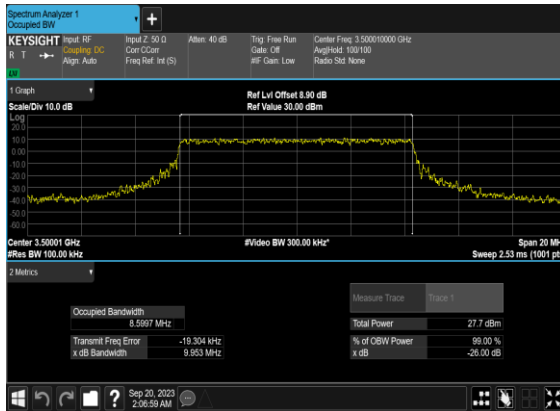


## Occupied Bandwidth

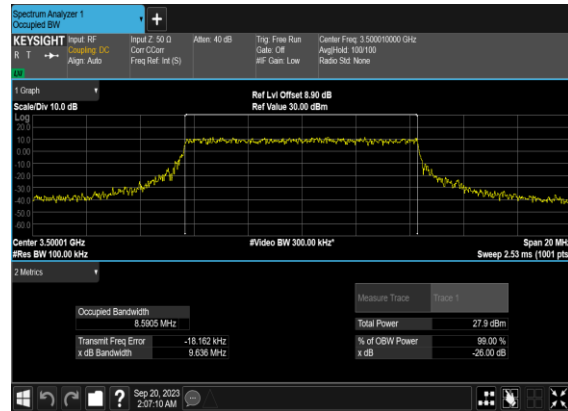
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | OBW (MHz) | 26dB BW (MHz) |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------------|
| 77      | 30        | 10              | 633334 | 3500.01    | CP-OFDM QPSK    | 24@0  | 8.5997    | 9.953         |
| 77      | 30        | 10              | 633334 | 3500.01    | CP-OFDM 16 QAM  | 24@0  | 8.5905    | 9.636         |
| 77      | 30        | 10              | 633334 | 3500.01    | CP-OFDM 64 QAM  | 24@0  | 8.6082    | 9.535         |
| 77      | 30        | 10              | 633334 | 3500.01    | CP-OFDM 256 QAM | 24@0  | 8.5643    | 9.514         |
| 77      | 30        | 15              | 633334 | 3500.01    | CP-OFDM QPSK    | 38@0  | 13.583    | 14.72         |
| 77      | 30        | 15              | 633334 | 3500.01    | CP-OFDM 16 QAM  | 38@0  | 13.613    | 14.69         |
| 77      | 30        | 15              | 633334 | 3500.01    | CP-OFDM 64 QAM  | 38@0  | 13.553    | 14.54         |
| 77      | 30        | 15              | 633334 | 3500.01    | CP-OFDM 256 QAM | 38@0  | 13.576    | 14.67         |
| 77      | 30        | 20              | 633334 | 3500.01    | CP-OFDM QPSK    | 51@0  | 18.137    | 19.64         |
| 77      | 30        | 20              | 633334 | 3500.01    | CP-OFDM 16 QAM  | 51@0  | 18.169    | 19.3          |
| 77      | 30        | 20              | 633334 | 3500.01    | CP-OFDM 64 QAM  | 51@0  | 18.214    | 19.51         |
| 77      | 30        | 20              | 633334 | 3500.01    | CP-OFDM 256 QAM | 51@0  | 18.192    | 19.28         |
| 77      | 30        | 30              | 633334 | 3500.01    | CP-OFDM QPSK    | 78@0  | 27.805    | 28.97         |
| 77      | 30        | 30              | 633334 | 3500.01    | CP-OFDM 16 QAM  | 78@0  | 27.904    | 29.08         |
| 77      | 30        | 30              | 633334 | 3500.01    | CP-OFDM 64 QAM  | 78@0  | 27.795    | 29.18         |
| 77      | 30        | 30              | 633334 | 3500.01    | CP-OFDM 256 QAM | 78@0  | 27.882    | 29.41         |
| 77      | 30        | 40              | 633334 | 3500.01    | CP-OFDM QPSK    | 106@0 | 37.876    | 39.3          |
| 77      | 30        | 40              | 633334 | 3500.01    | CP-OFDM 16 QAM  | 106@0 | 37.813    | 39.74         |
| 77      | 30        | 40              | 633334 | 3500.01    | CP-OFDM 64 QAM  | 106@0 | 37.929    | 39.44         |
| 77      | 30        | 40              | 633334 | 3500.01    | CP-OFDM 256 QAM | 106@0 | 37.808    | 39.6          |
| 77      | 30        | 50              | 633334 | 3500.01    | CP-OFDM QPSK    | 133@0 | 47.522    | 49.41         |
| 77      | 30        | 50              | 633334 | 3500.01    | CP-OFDM 16 QAM  | 133@0 | 47.565    | 49.28         |
| 77      | 30        | 50              | 633334 | 3500.01    | CP-OFDM 64 QAM  | 133@0 | 47.396    | 49.16         |
| 77      | 30        | 50              | 633334 | 3500.01    | CP-OFDM 256 QAM | 133@0 | 47.632    | 49.01         |
| 77      | 30        | 60              | 633334 | 3500.01    | CP-OFDM QPSK    | 162@0 | 57.733    | 59.73         |

|    |    |     |        |         |                    |       |        |       |
|----|----|-----|--------|---------|--------------------|-------|--------|-------|
| 77 | 30 | 60  | 633334 | 3500.01 | CP-OFDM<br>16 QAM  | 162@0 | 57.847 | 59.7  |
| 77 | 30 | 60  | 633334 | 3500.01 | CP-OFDM<br>64 QAM  | 162@0 | 57.719 | 59.84 |
| 77 | 30 | 60  | 633334 | 3500.01 | CP-OFDM<br>256 QAM | 162@0 | 57.818 | 59.99 |
| 77 | 30 | 70  | 633334 | 3500.01 | CP-OFDM<br>QPSK    | 189@0 | 67.555 | 70.02 |
| 77 | 30 | 70  | 633334 | 3500.01 | CP-OFDM<br>16 QAM  | 189@0 | 67.482 | 69.57 |
| 77 | 30 | 70  | 633334 | 3500.01 | CP-OFDM<br>64 QAM  | 189@0 | 67.327 | 69.69 |
| 77 | 30 | 70  | 633334 | 3500.01 | CP-OFDM<br>256 QAM | 189@0 | 67.407 | 69.61 |
| 77 | 30 | 80  | 633334 | 3500.01 | CP-OFDM<br>QPSK    | 217@0 | 77.569 | 80.15 |
| 77 | 30 | 80  | 633334 | 3500.01 | CP-OFDM<br>16 QAM  | 217@0 | 77.361 | 79.88 |
| 77 | 30 | 80  | 633334 | 3500.01 | CP-OFDM<br>64 QAM  | 217@0 | 77.597 | 80.03 |
| 77 | 30 | 80  | 633334 | 3500.01 | CP-OFDM<br>256 QAM | 217@0 | 77.546 | 80.12 |
| 77 | 30 | 90  | 633334 | 3500.01 | CP-OFDM<br>QPSK    | 245@0 | 87.401 | 90.23 |
| 77 | 30 | 90  | 633334 | 3500.01 | CP-OFDM<br>16 QAM  | 245@0 | 87.436 | 90.42 |
| 77 | 30 | 90  | 633334 | 3500.01 | CP-OFDM<br>64 QAM  | 245@0 | 87.66  | 90.44 |
| 77 | 30 | 90  | 633334 | 3500.01 | CP-OFDM<br>256 QAM | 245@0 | 87.408 | 90.2  |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM<br>QPSK    | 273@0 | 97.498 | 100.6 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM<br>16 QAM  | 273@0 | 97.416 | 100.4 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM<br>64 QAM  | 273@0 | 97.74  | 100.5 |
| 77 | 30 | 100 | 633334 | 3500.01 | CP-OFDM<br>256 QAM | 273@0 | 97.695 | 100.4 |

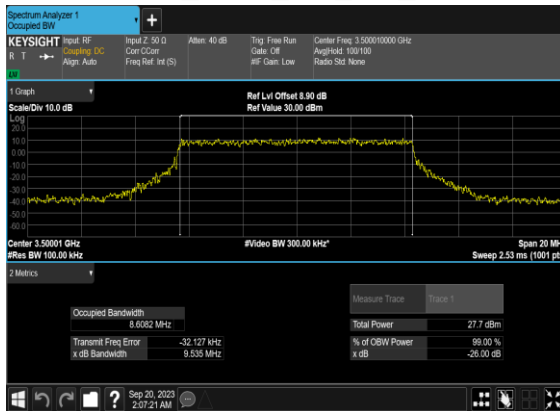
B5\_N77(10M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



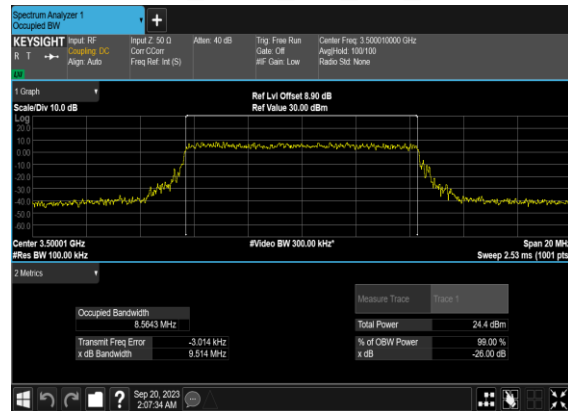
B5\_N77(10M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



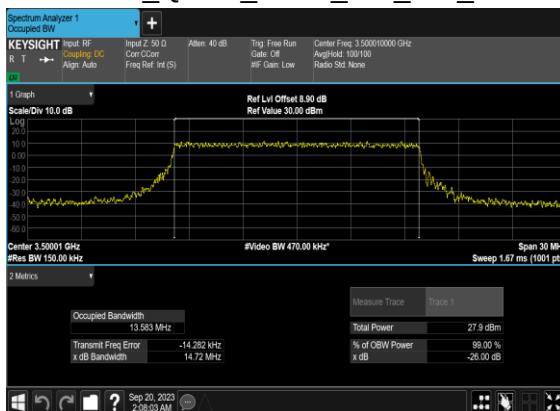
B5\_N77(10M)\_CP-OFDM\_64  
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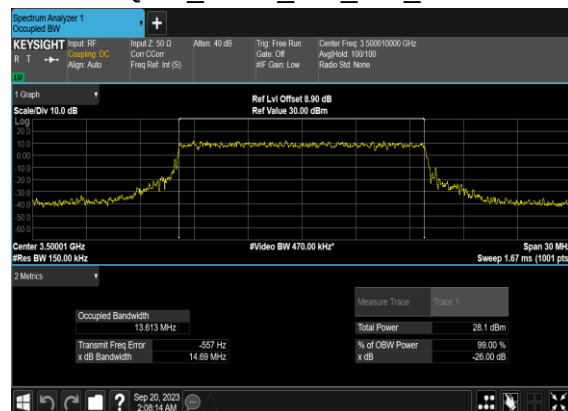
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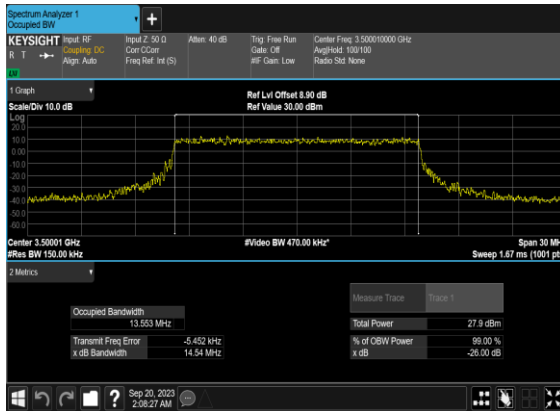
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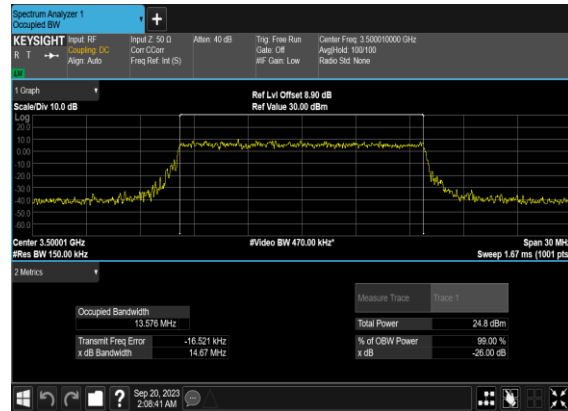
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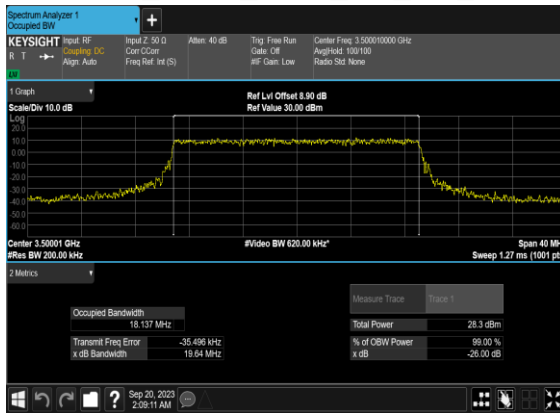
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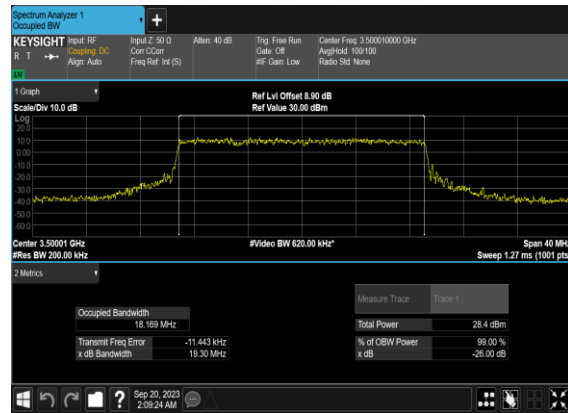
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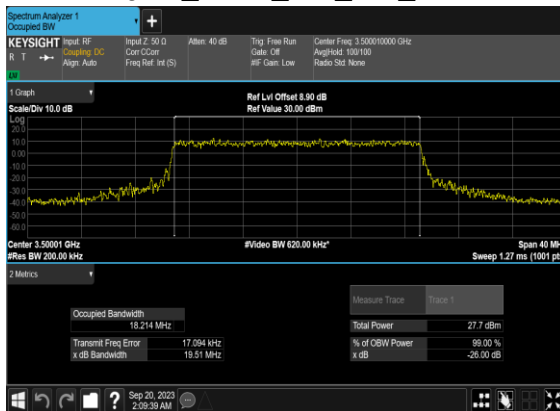
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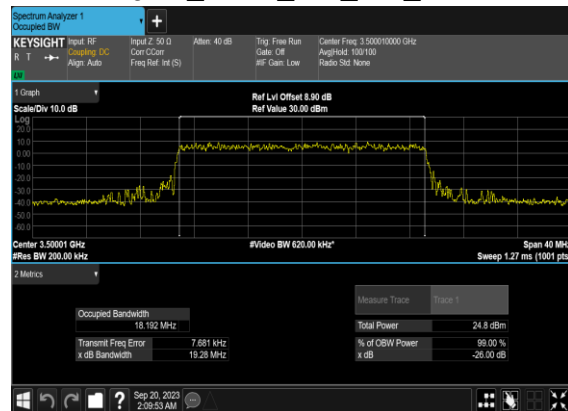
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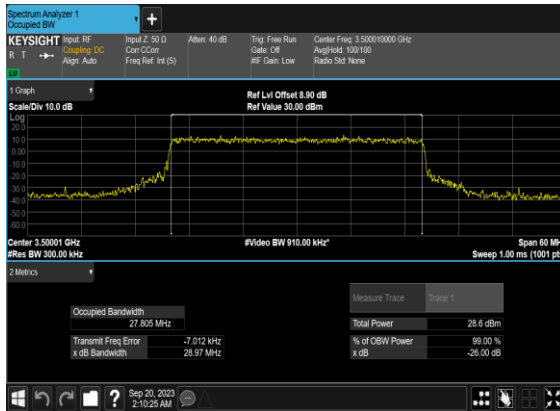
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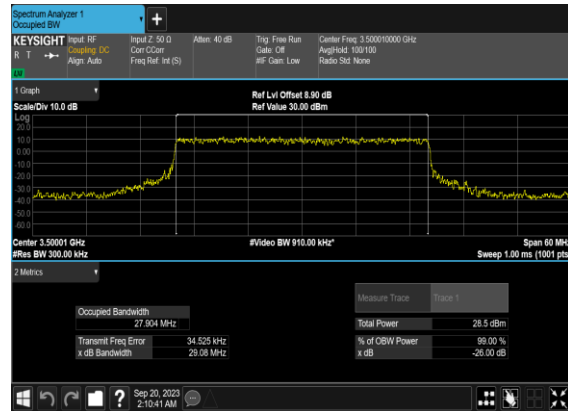
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B5\_N77(30M)\_CP-  
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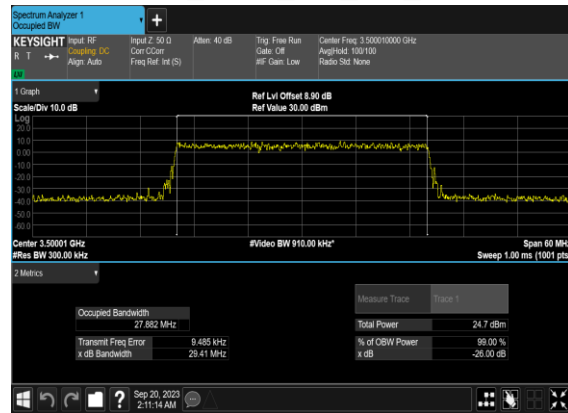
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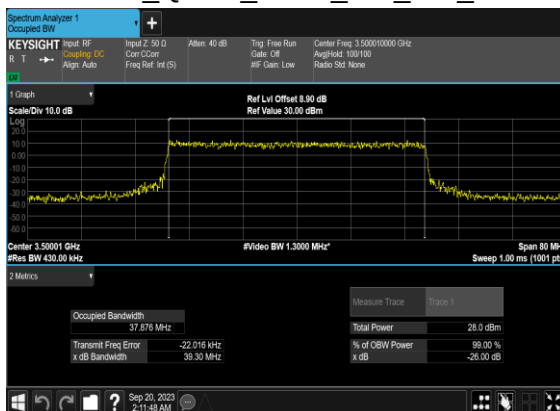
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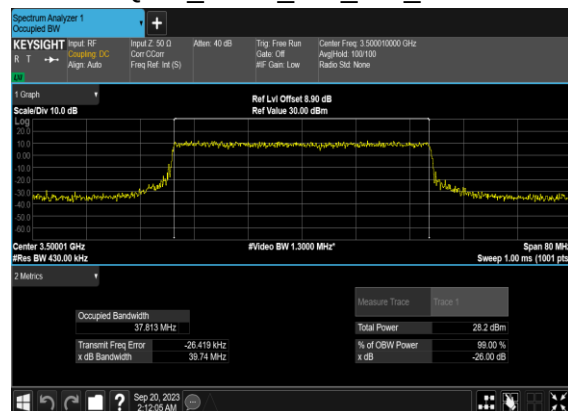
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QAM\_Outer\_Full\_Mid\_CH



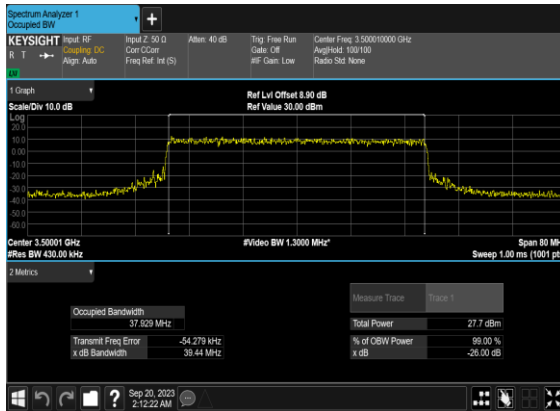
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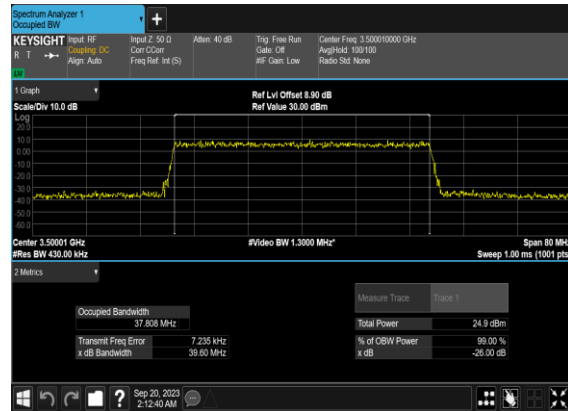
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QAM\_Outer\_Full\_Mid\_CH



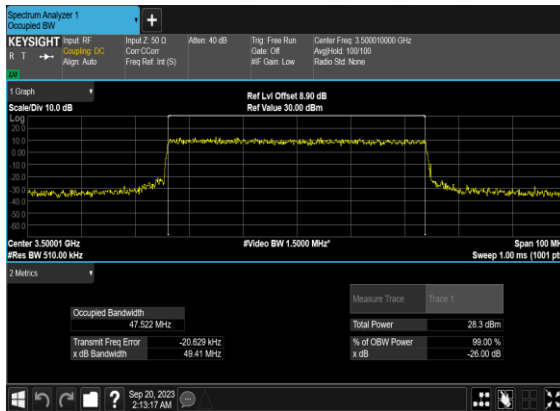
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QAM\_Outer\_Full\_Mid\_CH



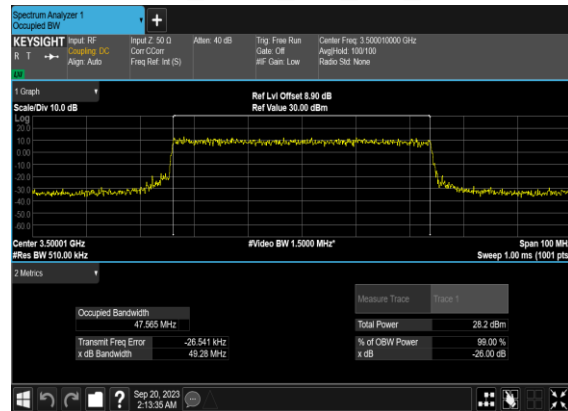
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QAM\_Outer\_Full\_Mid\_CH



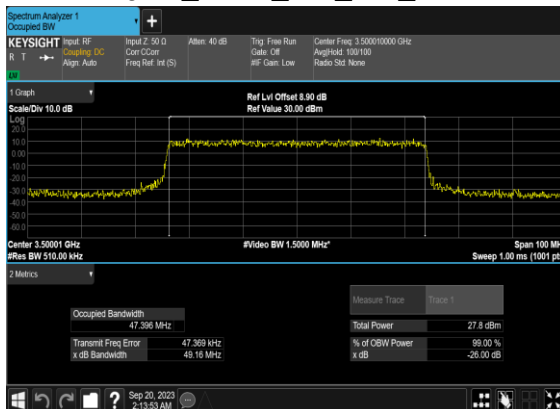
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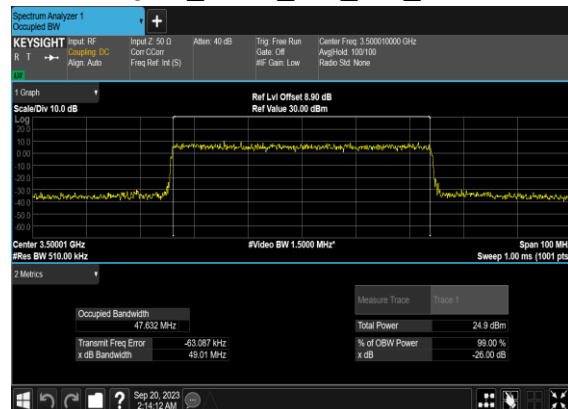
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QAM\_Outer\_Full\_Mid\_CH



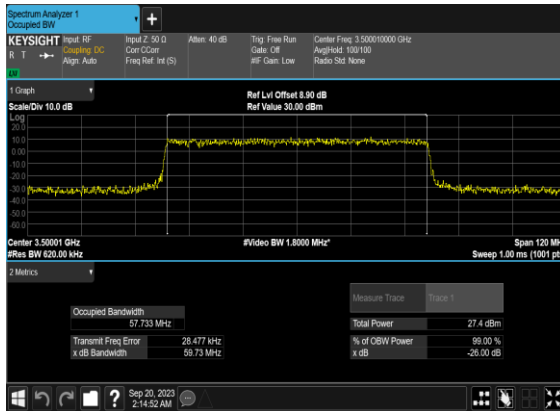
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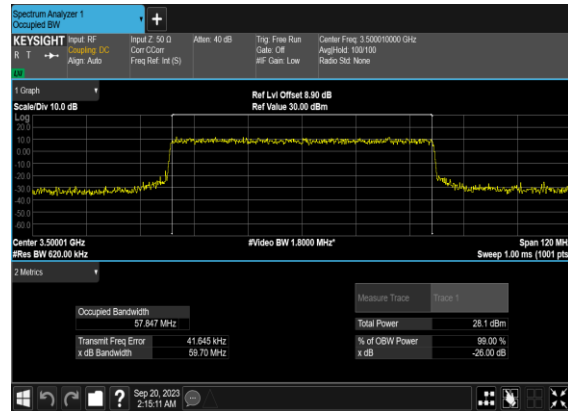
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### B5\_N77(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



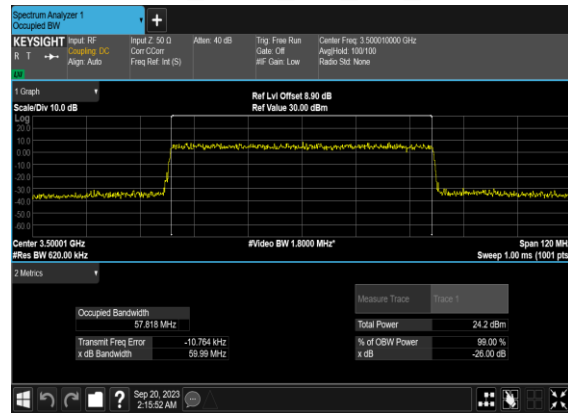
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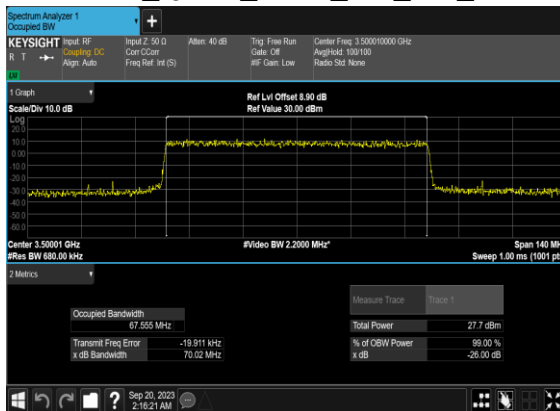
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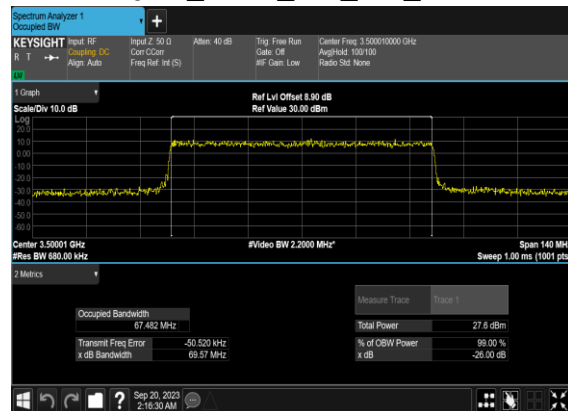
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### B5\_N77(70M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

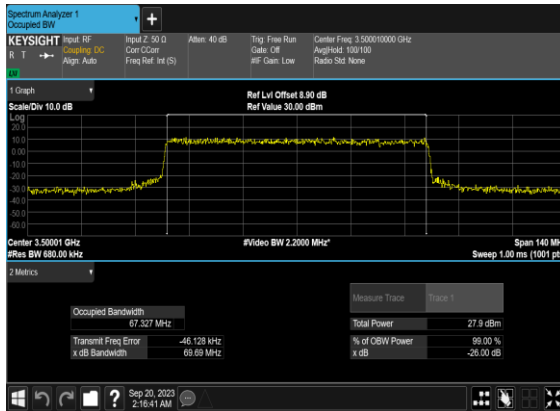


### B5\_N77(70M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH

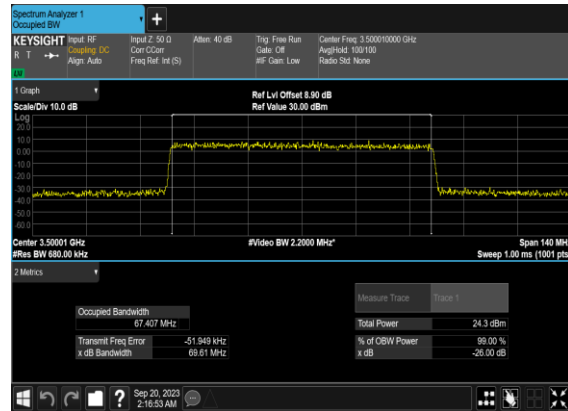




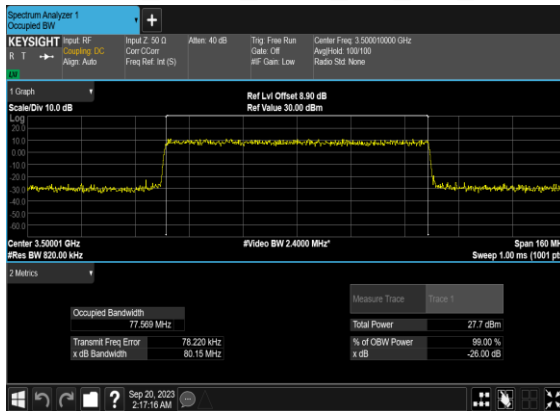
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QAM\_Outer\_Full\_Mid\_CH



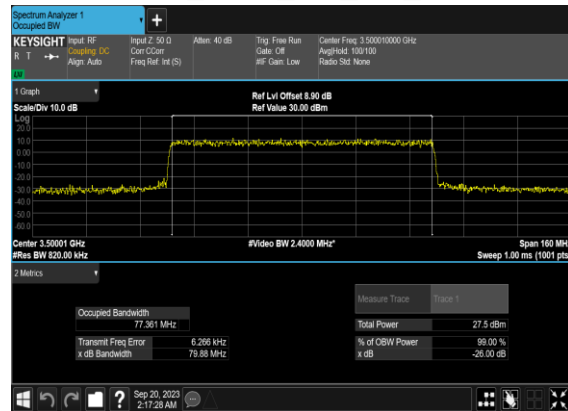
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QAM\_Outer\_Full\_Mid\_CH



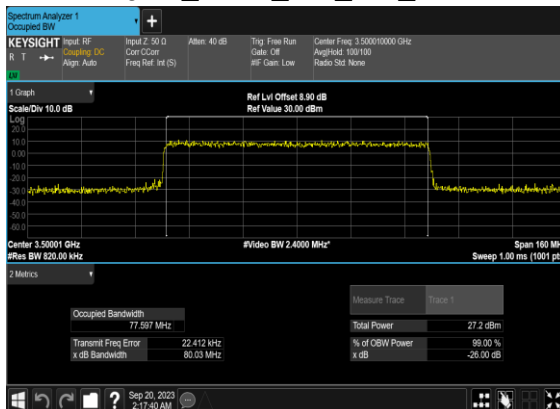
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



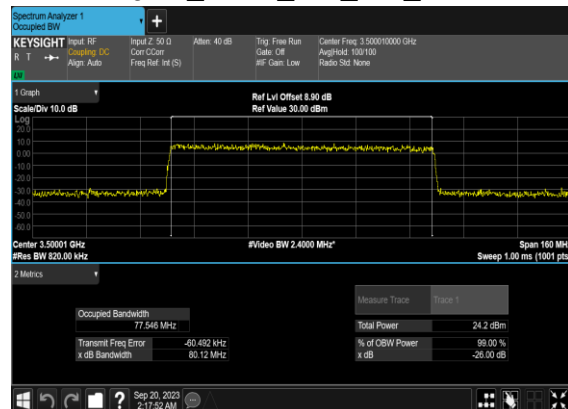
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QAM\_Outer\_Full\_Mid\_CH



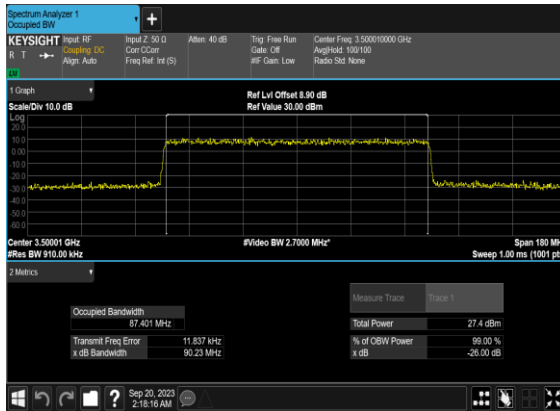
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QAM\_Outer\_Full\_Mid\_CH



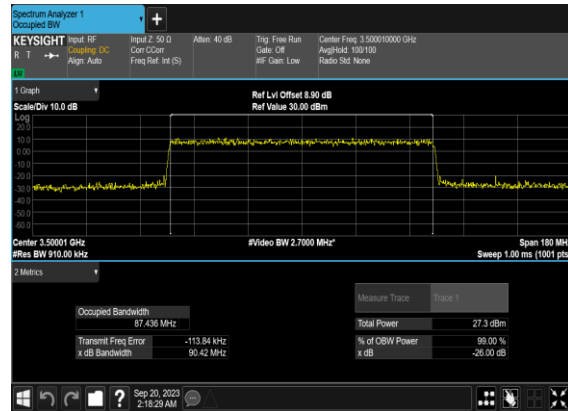
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QAM\_Outer\_Full\_Mid\_CH



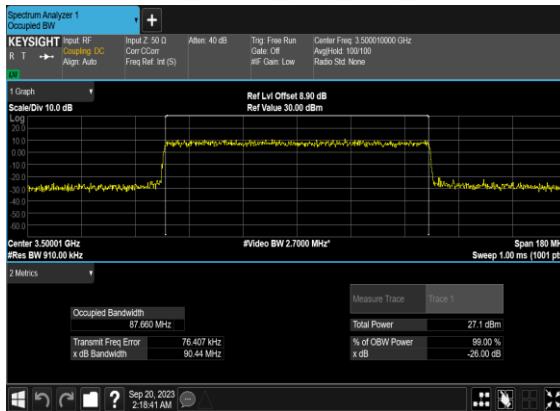
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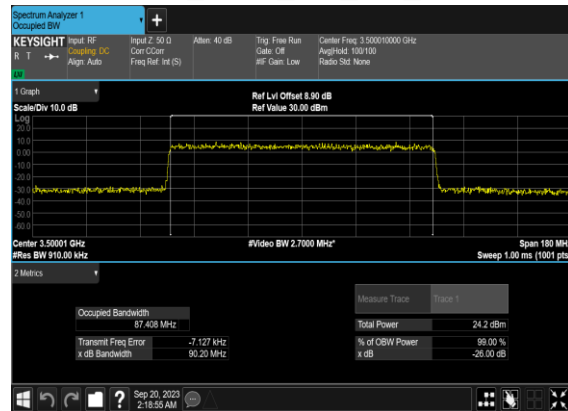
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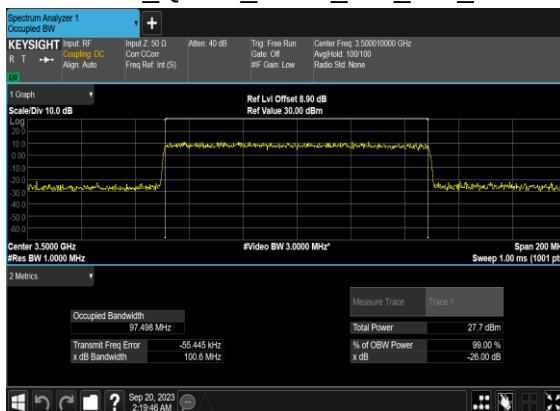
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QAM\_Outer\_Full\_Mid\_CH



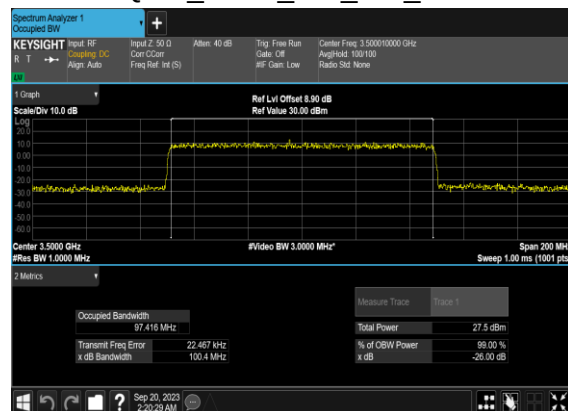
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QAM\_Outer\_Full\_Mid\_CH



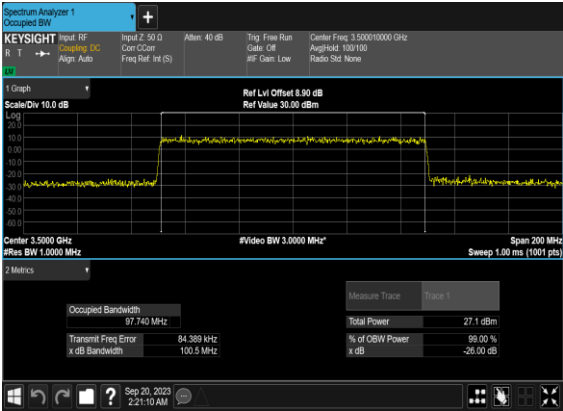
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OFDM\_QPSK\_Outer\_Full\_Mid\_CH



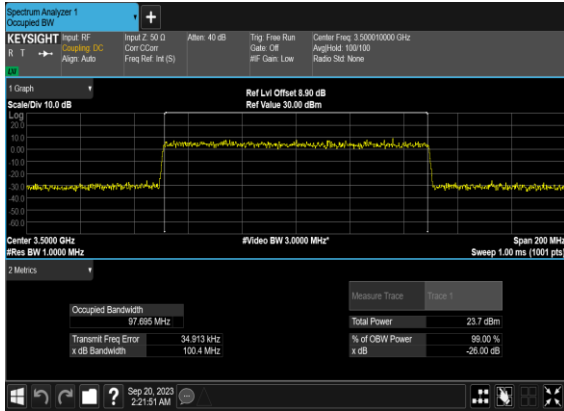
B5\_N77(100M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



B5\_N77(100M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



B5\_N77(100M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

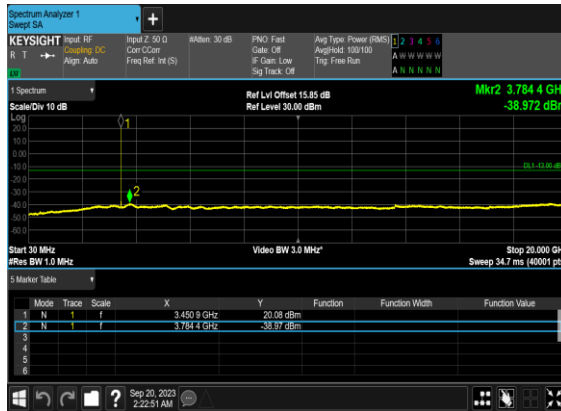


## Conducted Spurious Emissions

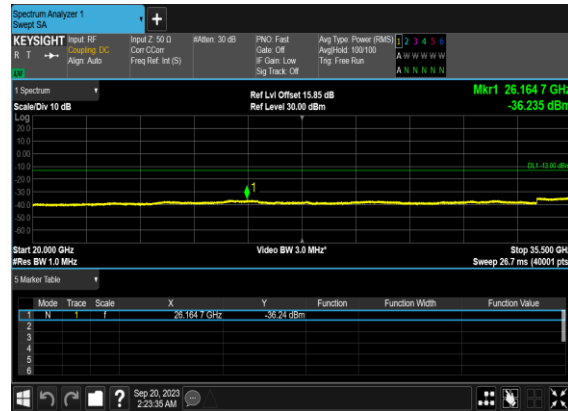
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB  | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-----|-----------|---------|
| 77      | 30        | 10              | 630334 | 3455.01    | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 630334 | 3455.01    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 630334 | 3455.01    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 630334 | 3455.01    | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 630334 | 3455.01    | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 630334 | 3455.01    | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 633334 | 3500.01    | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 633334 | 3500.01    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 633334 | 3500.01    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 633334 | 3500.01    | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 636332 | 3544.98    | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 636332 | 3544.98    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 636332 | 3544.98    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 636332 | 3544.98    | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 77      | 30        | 10              | 636332 | 3544.98    | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 10              | 636332 | 3544.98    | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 631668 | 3475.02    | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 77      | 30        | 50              | 631668 | 3475.02    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 631668 | 3475.02    | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 77      | 30        | 50              | 631668 | 3475.02    | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |

|    |    |     |        |         |                 |     |           |      |
|----|----|-----|--------|---------|-----------------|-----|-----------|------|
| 77 | 30 | 50  | 631668 | 3475.02 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 631668 | 3475.02 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 77 | 30 | 50  | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 77 | 30 | 50  | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 635000 | 3525.0  | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 77 | 30 | 50  | 635000 | 3525.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 635000 | 3525.0  | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 635000 | 3525.0  | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 77 | 30 | 50  | 635000 | 3525.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 50  | 635000 | 3525.0  | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
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| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
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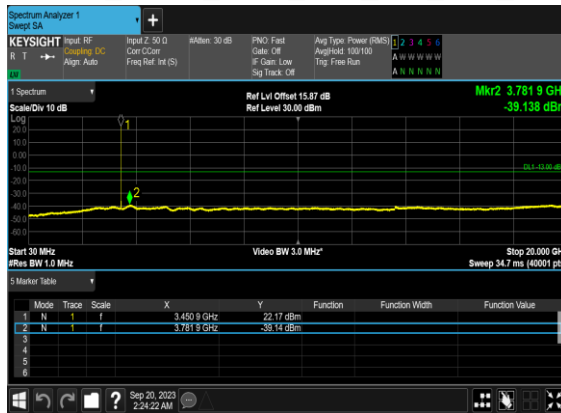
B5\_N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



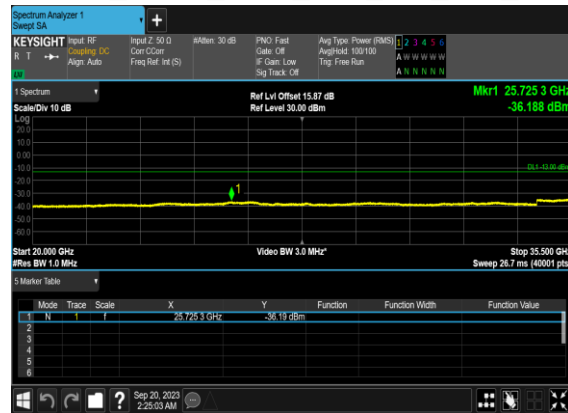
B5\_N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



B5\_N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



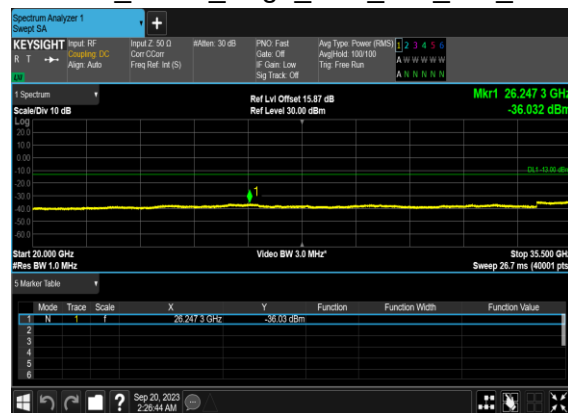
B5\_N77(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



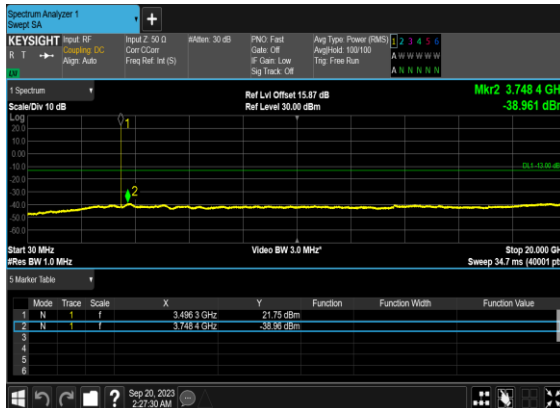
B5\_N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



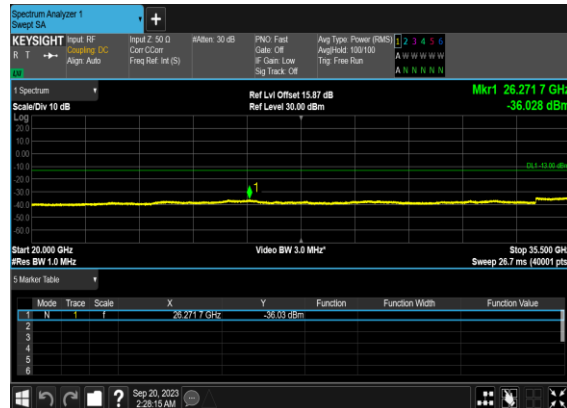
B5\_N77(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



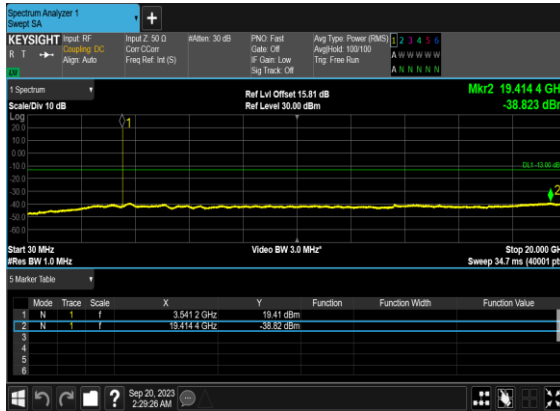
B5\_N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



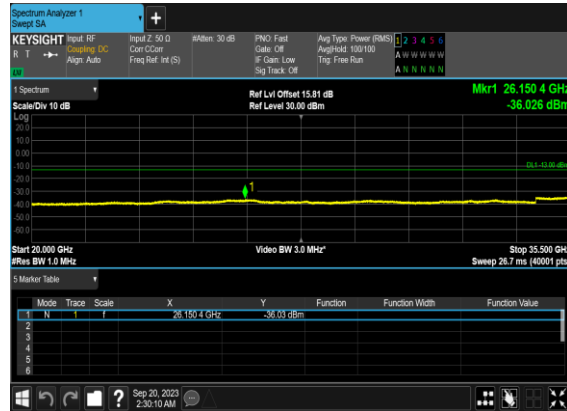
B5\_N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



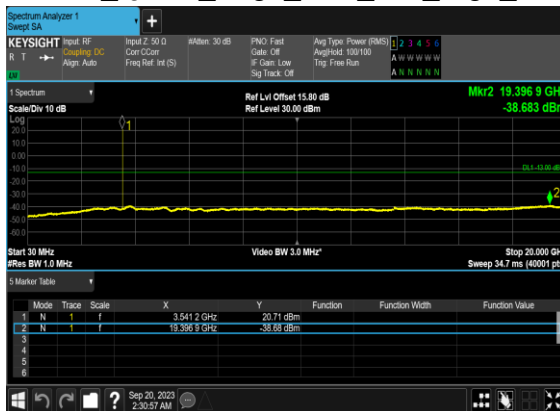
B5\_N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



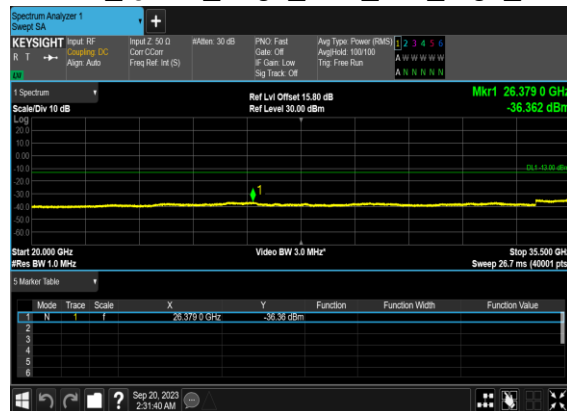
B5\_N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



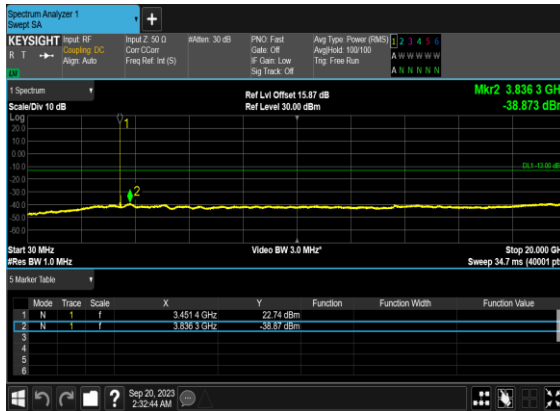
B5\_N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



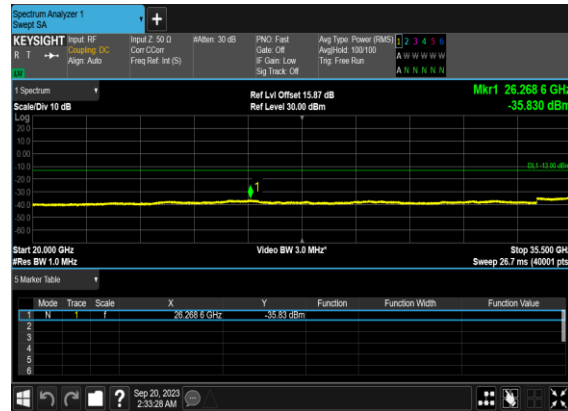
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OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



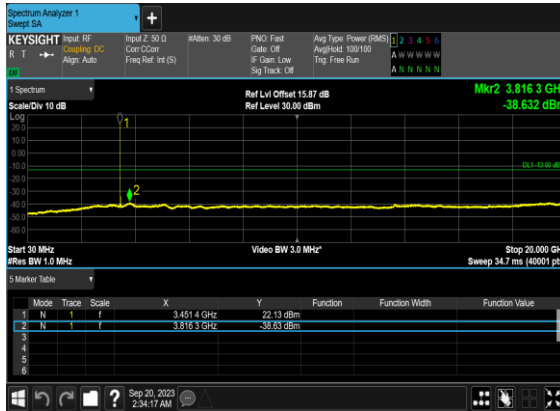
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OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



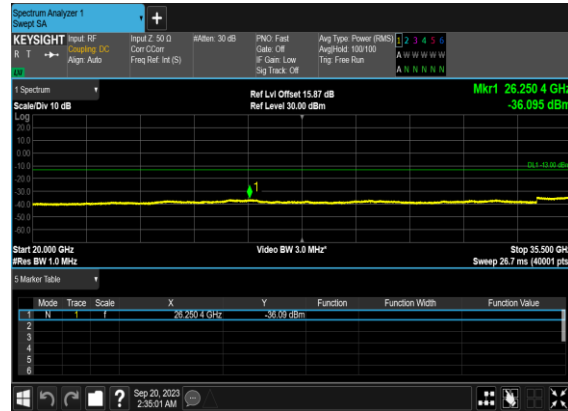
B5\_N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



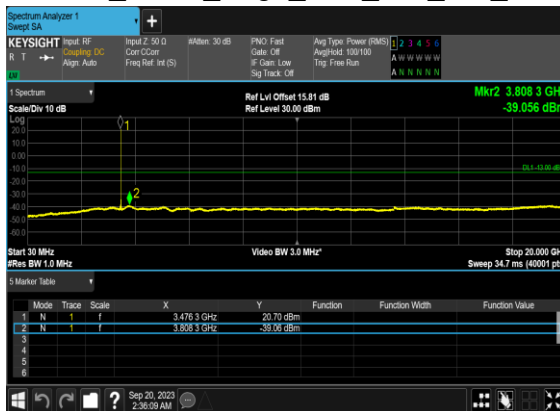
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OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



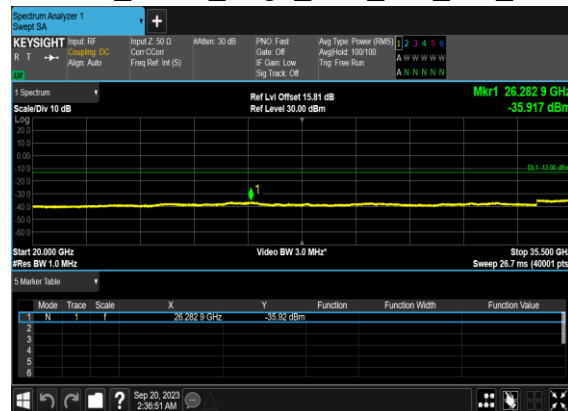
B5\_N77(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B5\_N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH

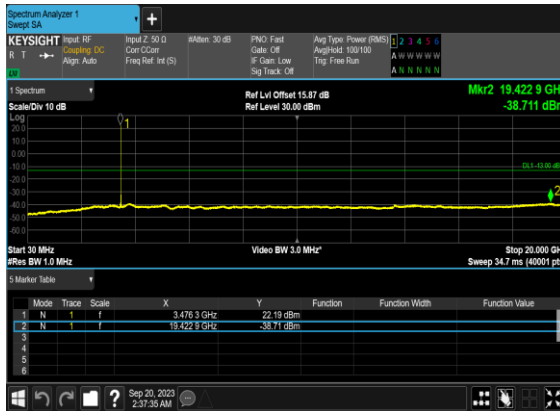


B5\_N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH

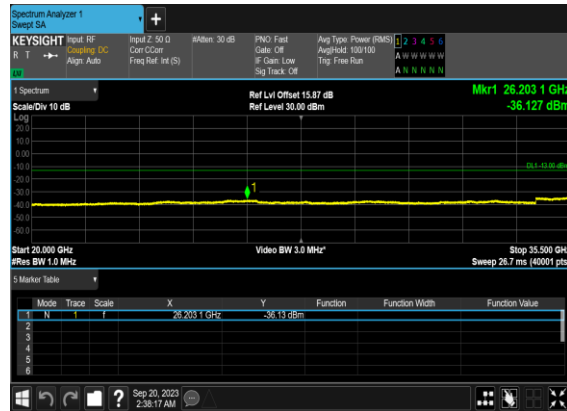




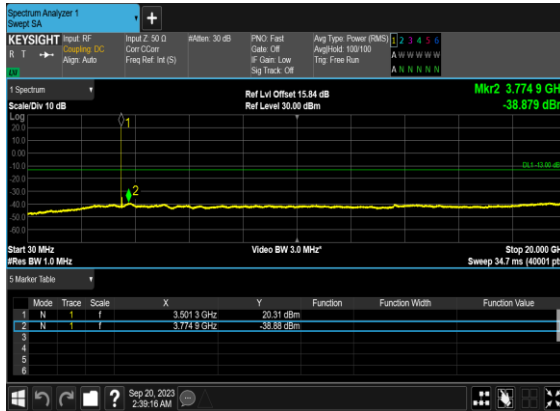
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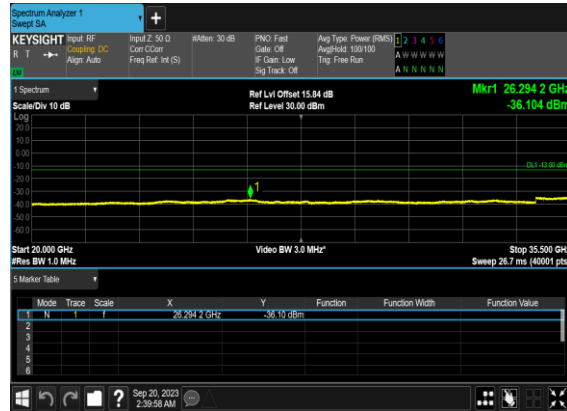
B5\_N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



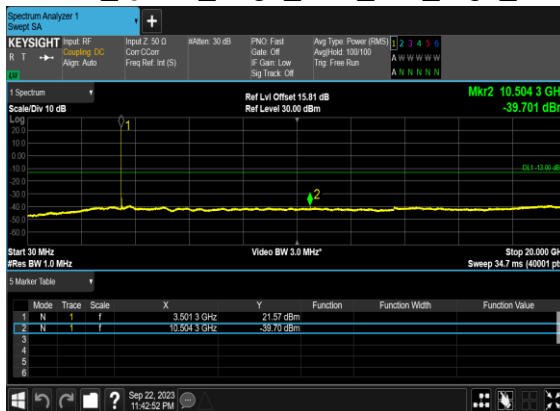
B5\_N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



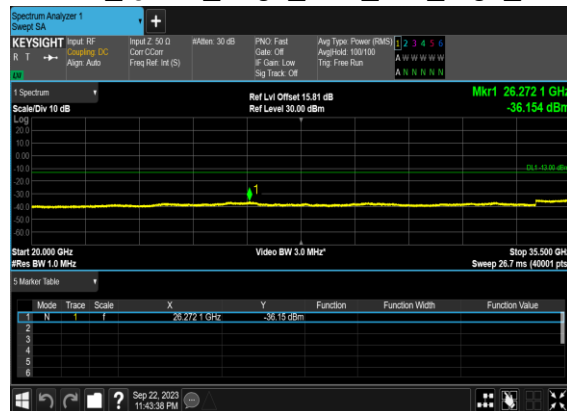
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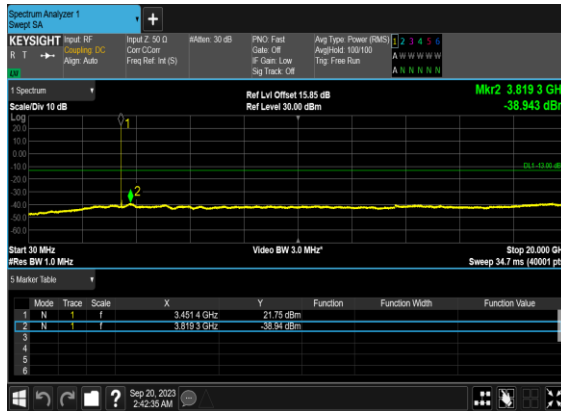
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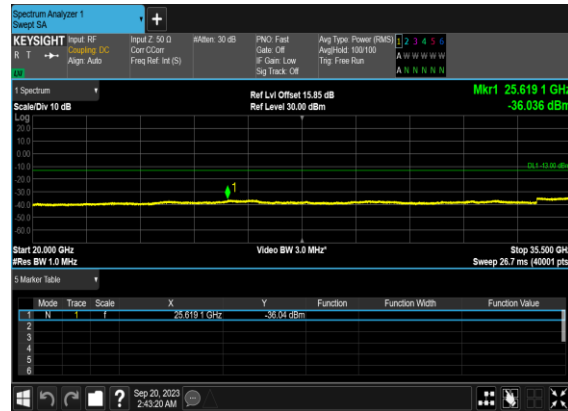
B5\_N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



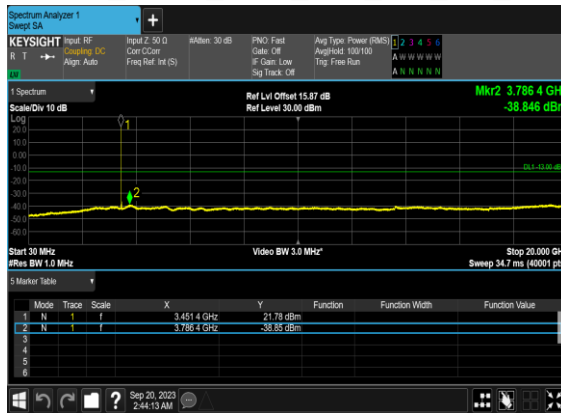
# B5\_N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



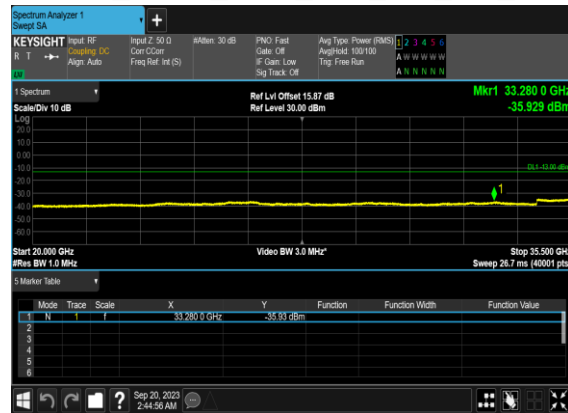
# B5\_N77(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



# B5\_N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



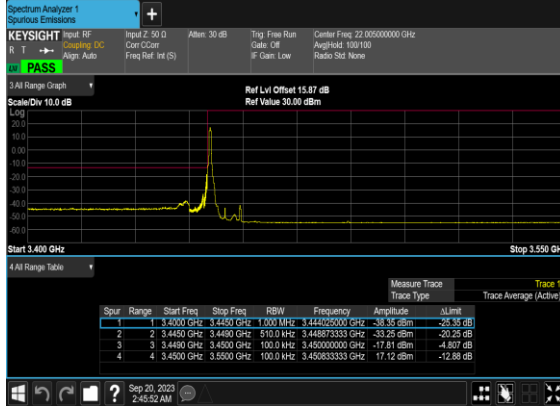
# B5\_N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



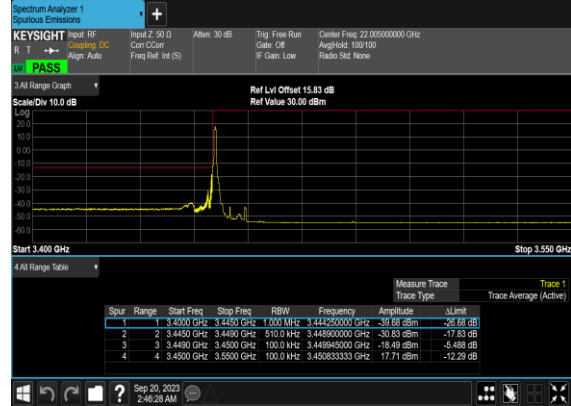
## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 77      | 30        | 10              | 630334 | 3455.01    | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 10              | 630334 | 3455.01    | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 10              | 630334 | 3455.01    | DFT-s-OFDM BPSK | 24@0  | see graph | PASS    |
| 77      | 30        | 10              | 630334 | 3455.01    | DFT-s-OFDM QPSK | 24@0  | see graph | PASS    |
| 77      | 30        | 10              | 636332 | 3544.98    | DFT-s-OFDM BPSK | 1@23  | see graph | PASS    |
| 77      | 30        | 10              | 636332 | 3544.98    | DFT-s-OFDM QPSK | 1@23  | see graph | PASS    |
| 77      | 30        | 10              | 636332 | 3544.98    | DFT-s-OFDM BPSK | 24@0  | see graph | PASS    |
| 77      | 30        | 10              | 636332 | 3544.98    | DFT-s-OFDM QPSK | 24@0  | see graph | PASS    |
| 77      | 30        | 50              | 631668 | 3475.02    | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 50              | 631668 | 3475.02    | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 50              | 631668 | 3475.02    | DFT-s-OFDM BPSK | 128@0 | see graph | PASS    |
| 77      | 30        | 50              | 631668 | 3475.02    | DFT-s-OFDM QPSK | 128@0 | see graph | PASS    |
| 77      | 30        | 50              | 635000 | 3525.0     | DFT-s-OFDM BPSK | 1@132 | see graph | PASS    |
| 77      | 30        | 50              | 635000 | 3525.0     | DFT-s-OFDM QPSK | 1@132 | see graph | PASS    |
| 77      | 30        | 50              | 635000 | 3525.0     | DFT-s-OFDM BPSK | 128@0 | see graph | PASS    |
| 77      | 30        | 50              | 635000 | 3525.0     | DFT-s-OFDM QPSK | 128@0 | see graph | PASS    |
| 77      | 30        | 100             | 633334 | 3500.01    | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 100             | 633334 | 3500.01    | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 77      | 30        | 100             | 633334 | 3500.01    | DFT-s-OFDM BPSK | 1@272 | see graph | PASS    |
| 77      | 30        | 100             | 633334 | 3500.01    | DFT-s-OFDM QPSK | 1@272 | see graph | PASS    |
| 77      | 30        | 100             | 633334 | 3500.01    | DFT-s-OFDM BPSK | 270@0 | see graph | PASS    |
| 77      | 30        | 100             | 633334 | 3500.01    | DFT-s-OFDM QPSK | 270@0 | see graph | PASS    |

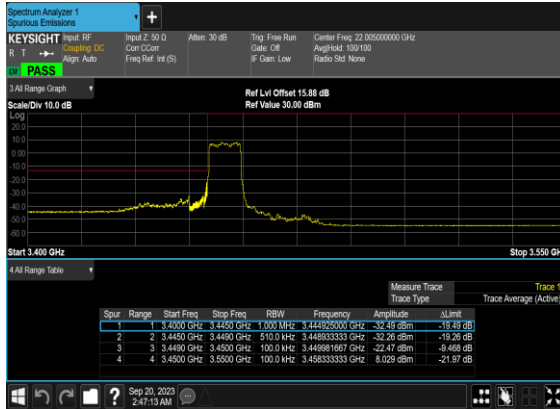
B5\_N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



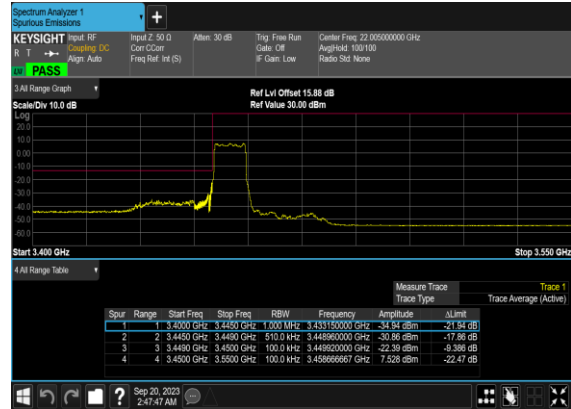
B5\_N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



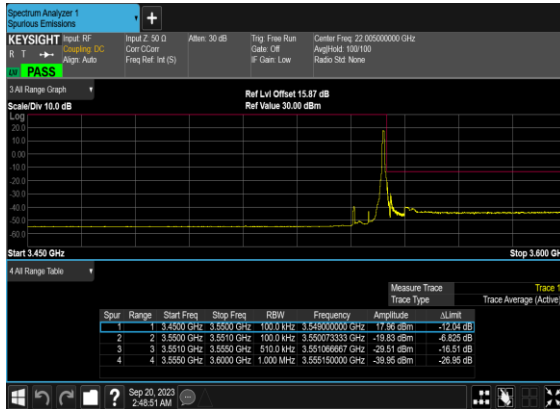
B5\_N77(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



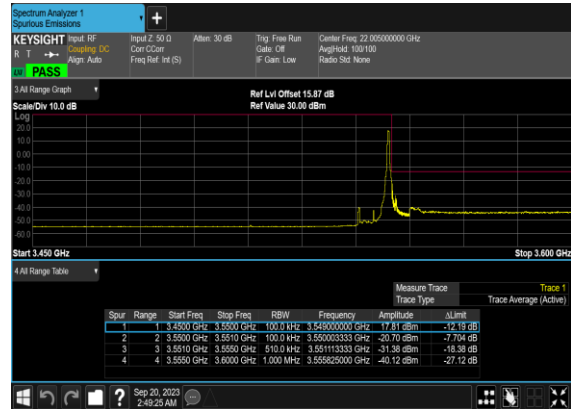
B5\_N77(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



B5\_N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



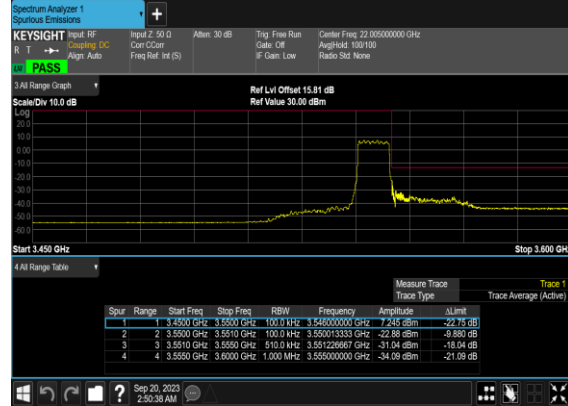
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OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



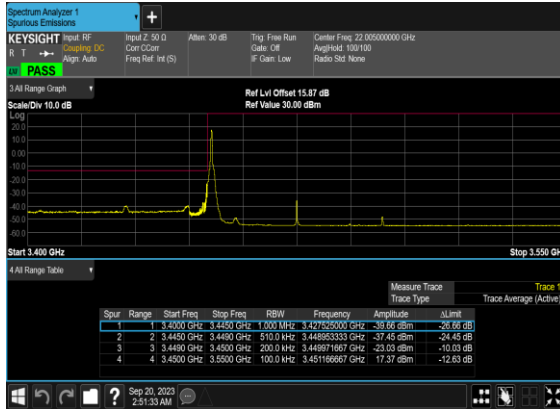
B5\_N77(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



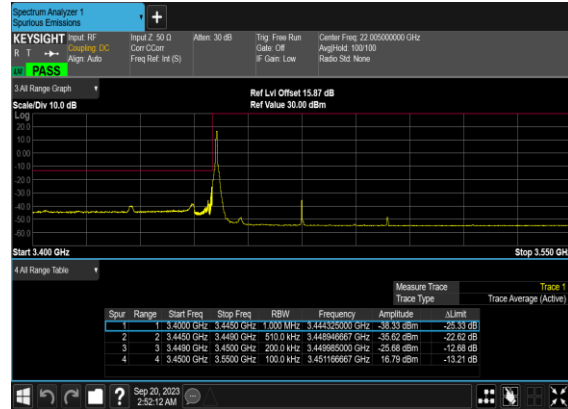
B5\_N77(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



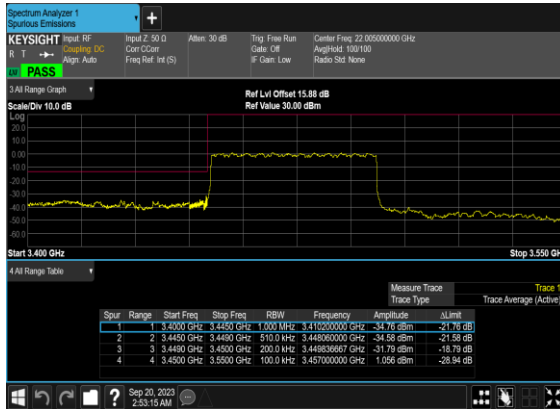
B5\_N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



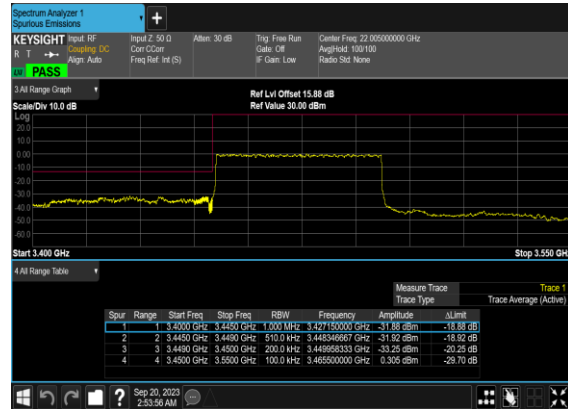
B5\_N77(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B5\_N77(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



B5\_N77(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



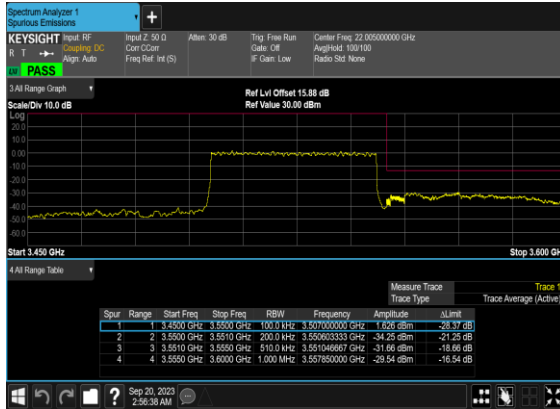
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OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



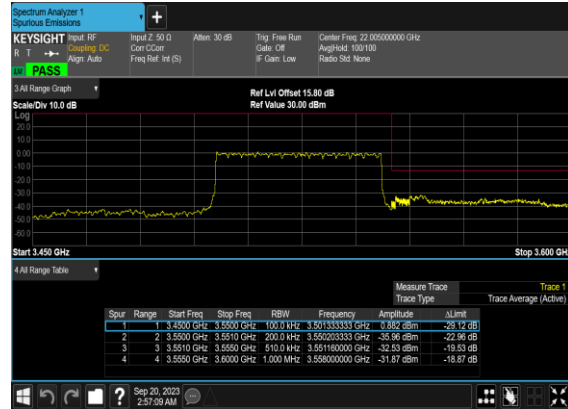
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OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



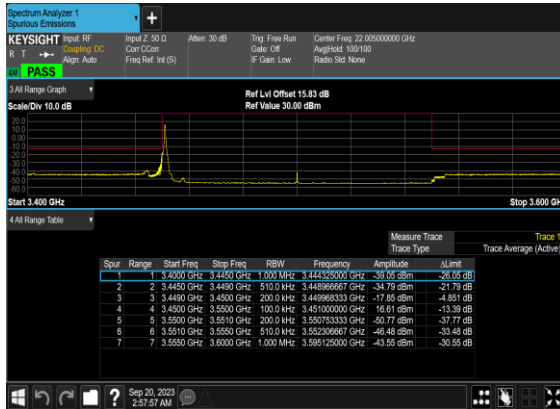
B5\_N77(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



B5\_N77(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



B5\_N77(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



B5\_N77(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

