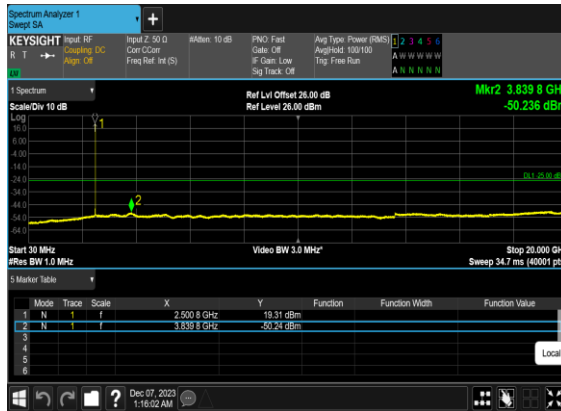
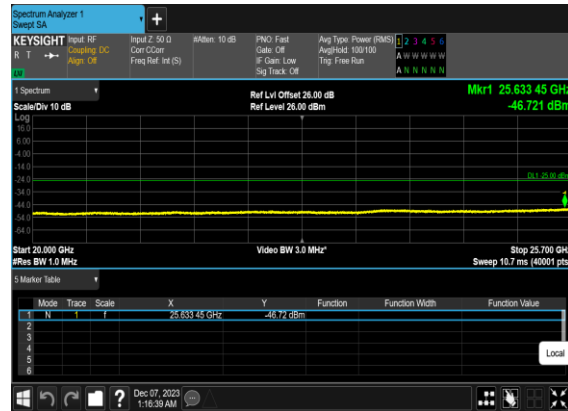


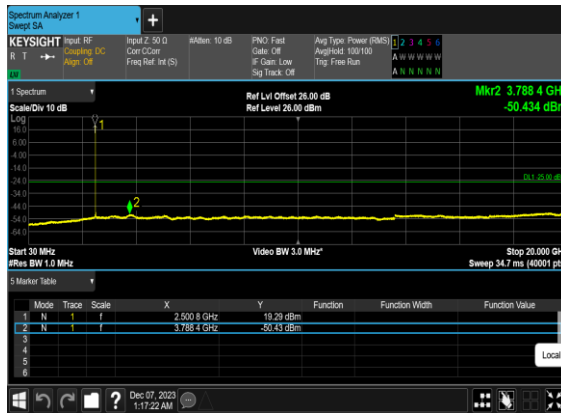
# N7(20M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



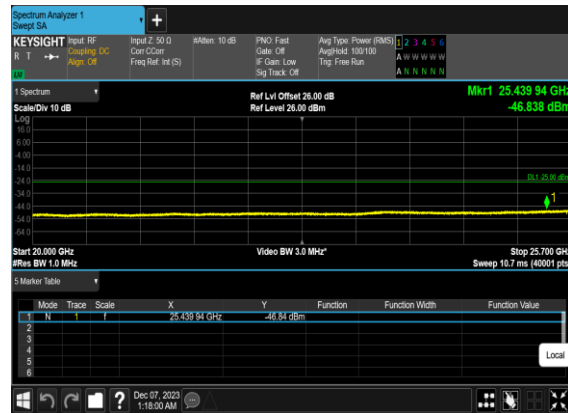
# N7(20M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



# N7(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



# N7(20M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



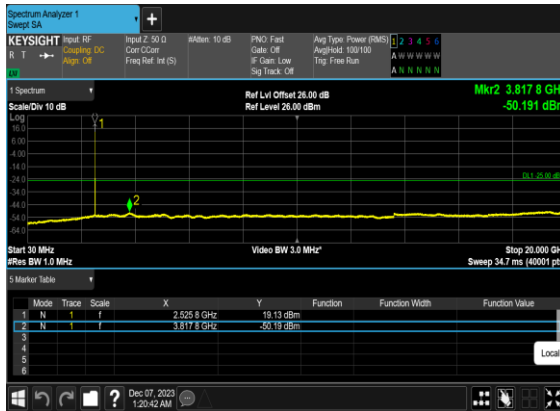
# N7(20M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



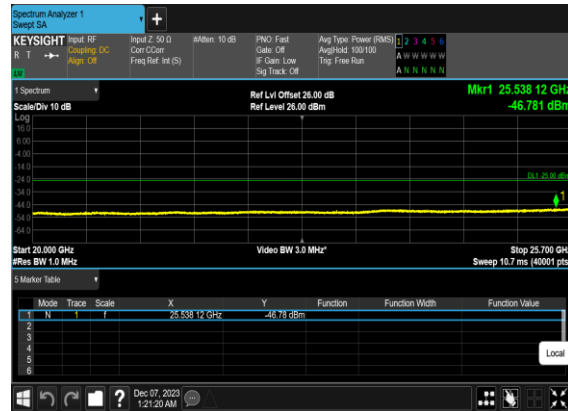
# N7(20M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



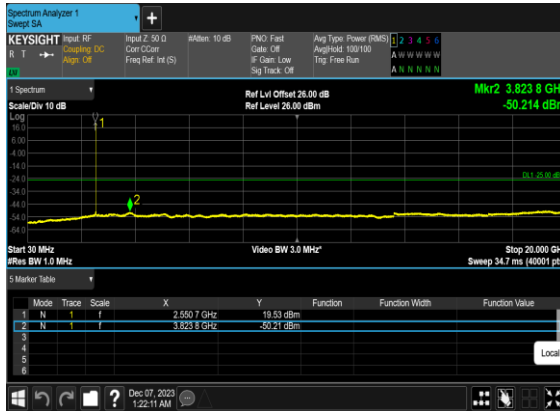
### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



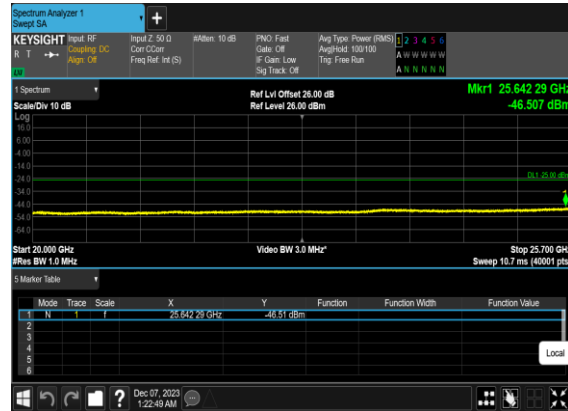
### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



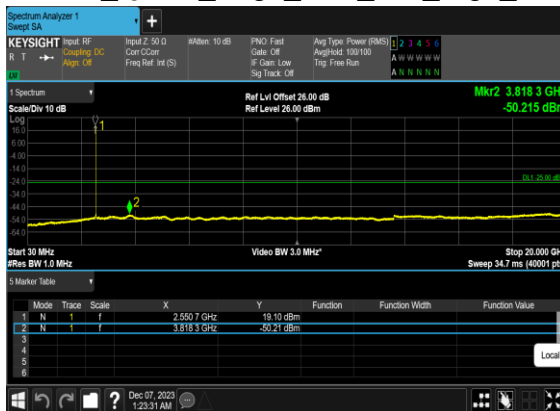
### N7(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



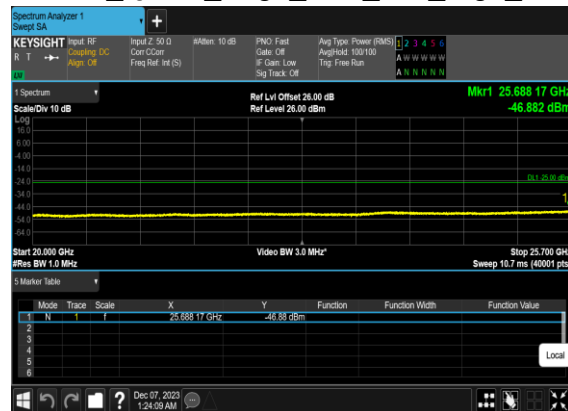
### N7(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



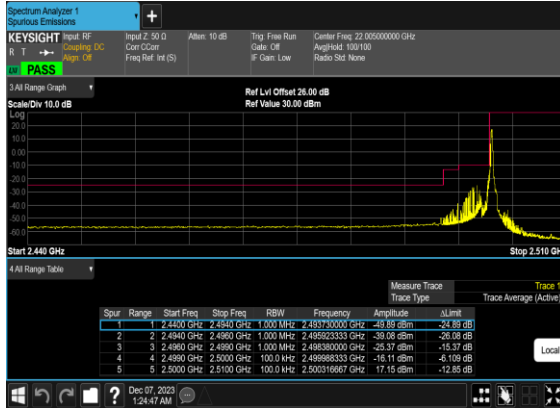
### N7(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



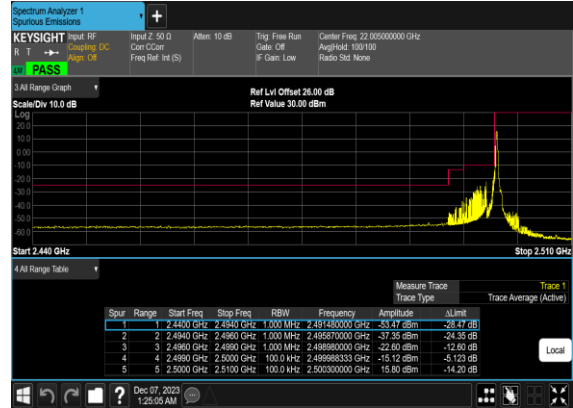
## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 7       | 15        | 5               | 500500 | 2502.5     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 7       | 15        | 5               | 500500 | 2502.5     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 7       | 15        | 5               | 500500 | 2502.5     | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 7       | 15        | 5               | 500500 | 2502.5     | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 7       | 15        | 5               | 513500 | 2567.5     | DFT-s-OFDM BPSK | 1@24  | see graph | PASS    |
| 7       | 15        | 5               | 513500 | 2567.5     | DFT-s-OFDM QPSK | 1@24  | see graph | PASS    |
| 7       | 15        | 5               | 513500 | 2567.5     | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 7       | 15        | 5               | 513500 | 2567.5     | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 7       | 15        | 10              | 501000 | 2505.0     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 7       | 15        | 10              | 501000 | 2505.0     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 7       | 15        | 10              | 501000 | 2505.0     | DFT-s-OFDM BPSK | 50@0  | see graph | PASS    |
| 7       | 15        | 10              | 501000 | 2505.0     | DFT-s-OFDM QPSK | 50@0  | see graph | PASS    |
| 7       | 15        | 10              | 513000 | 2565.0     | DFT-s-OFDM BPSK | 1@51  | see graph | PASS    |
| 7       | 15        | 10              | 513000 | 2565.0     | DFT-s-OFDM QPSK | 1@51  | see graph | PASS    |
| 7       | 15        | 10              | 513000 | 2565.0     | DFT-s-OFDM BPSK | 50@0  | see graph | PASS    |
| 7       | 15        | 10              | 513000 | 2565.0     | DFT-s-OFDM QPSK | 50@0  | see graph | PASS    |
| 7       | 15        | 20              | 502000 | 2510.0     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 7       | 15        | 20              | 502000 | 2510.0     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 7       | 15        | 20              | 502000 | 2510.0     | DFT-s-OFDM BPSK | 100@0 | see graph | PASS    |
| 7       | 15        | 20              | 502000 | 2510.0     | DFT-s-OFDM QPSK | 100@0 | see graph | PASS    |
| 7       | 15        | 20              | 512000 | 2560.0     | DFT-s-OFDM BPSK | 1@105 | see graph | PASS    |
| 7       | 15        | 20              | 512000 | 2560.0     | DFT-s-OFDM QPSK | 1@105 | see graph | PASS    |
| 7       | 15        | 20              | 512000 | 2560.0     | DFT-s-OFDM BPSK | 100@0 | see graph | PASS    |
| 7       | 15        | 20              | 512000 | 2560.0     | DFT-s-OFDM QPSK | 100@0 | see graph | PASS    |

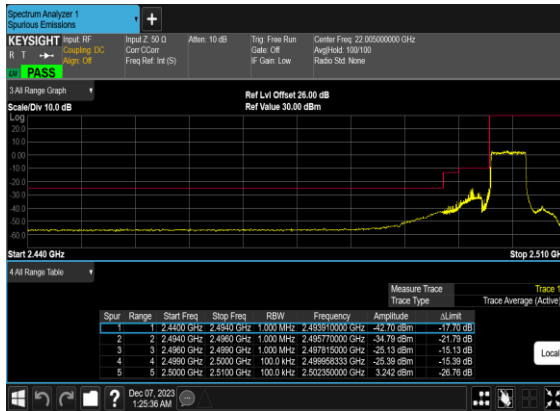
# N7(5M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



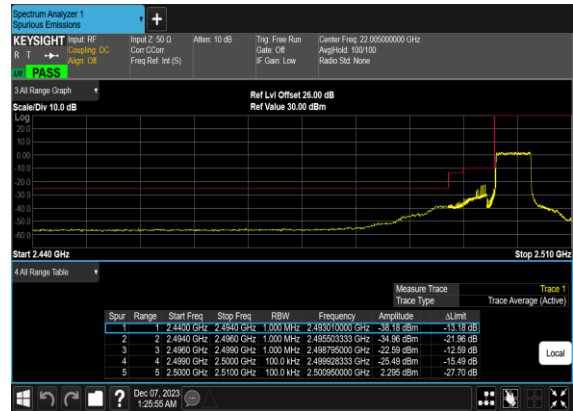
# N7(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



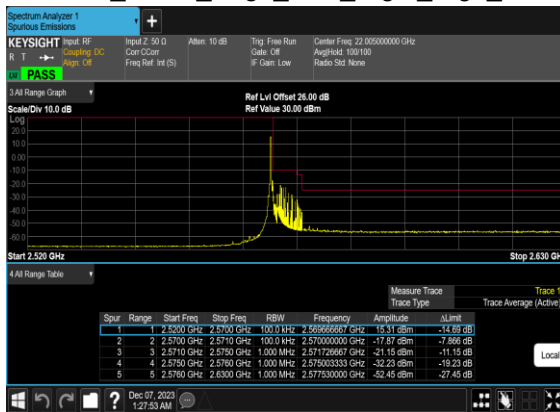
# N7(5M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_Low\_CH



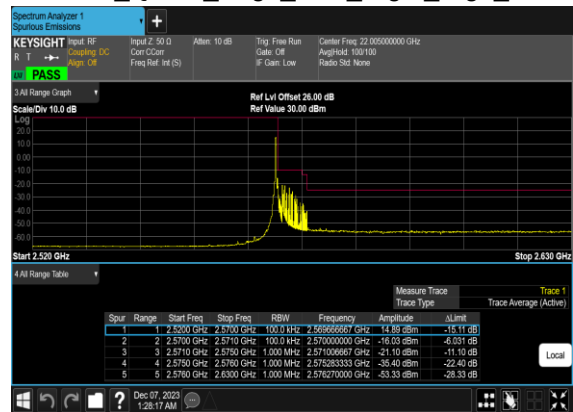
# N7(5M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Low\_CH



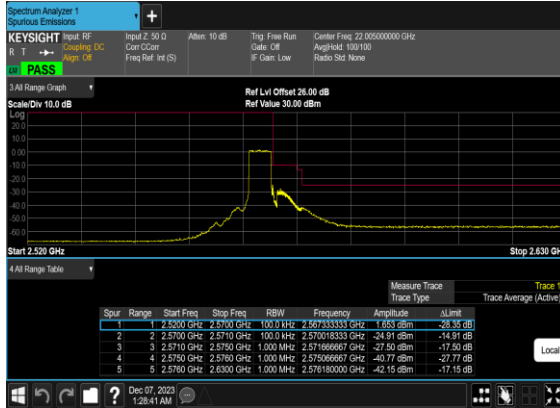
# N7(5M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



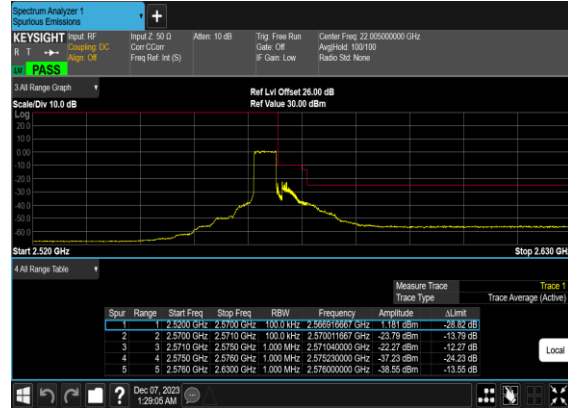
# N7(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



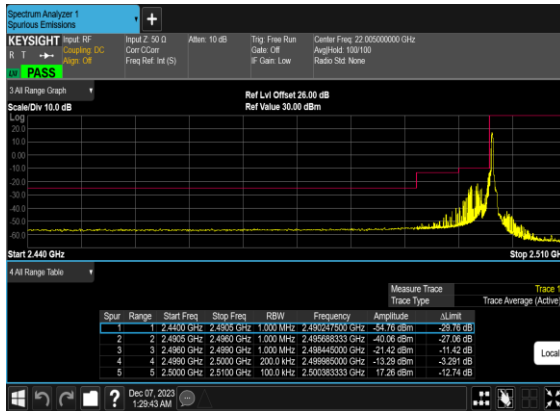
### N7(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



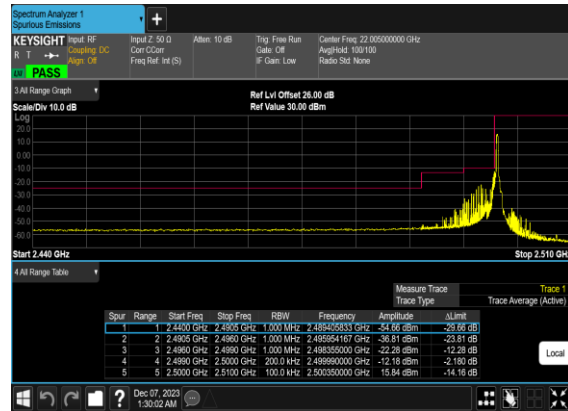
### N7(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



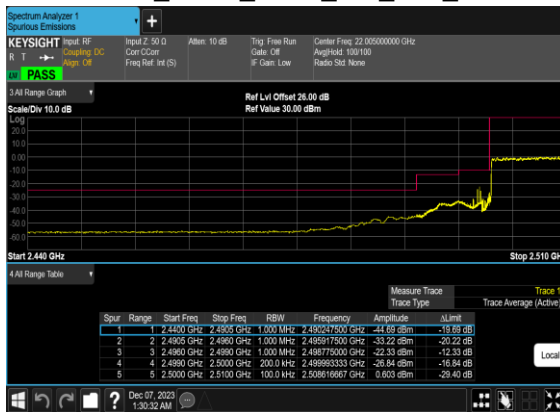
### N7(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



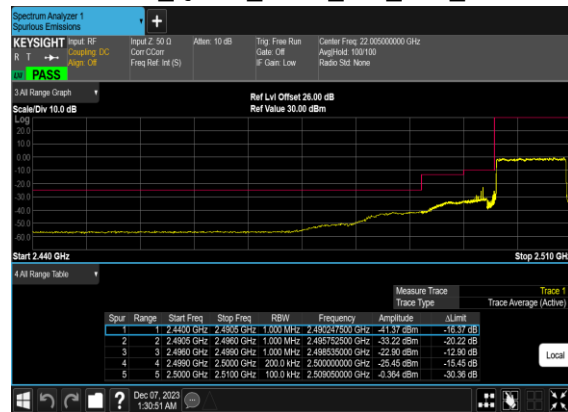
### N7(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



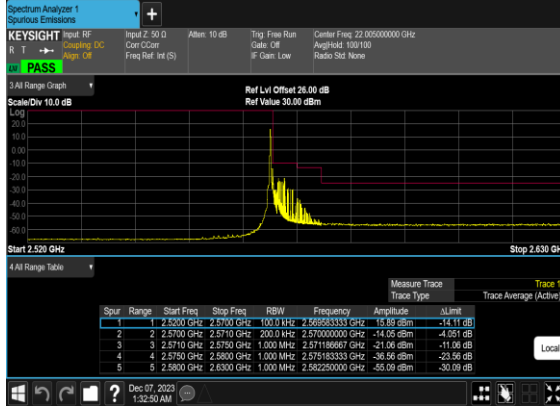
### N7(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



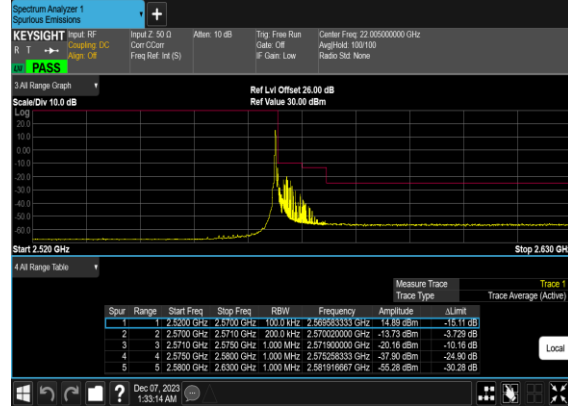
### N7(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



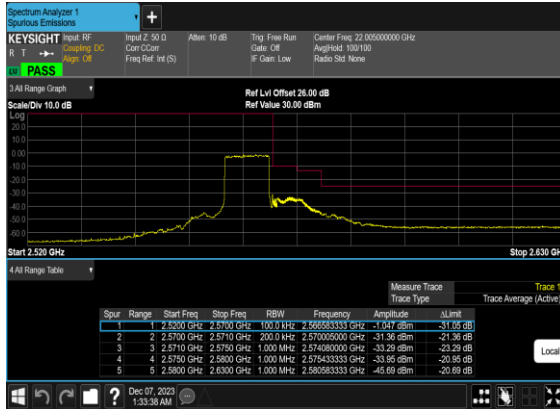
N7(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



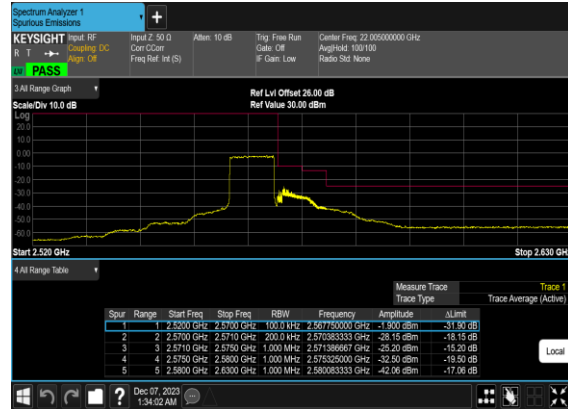
N7(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



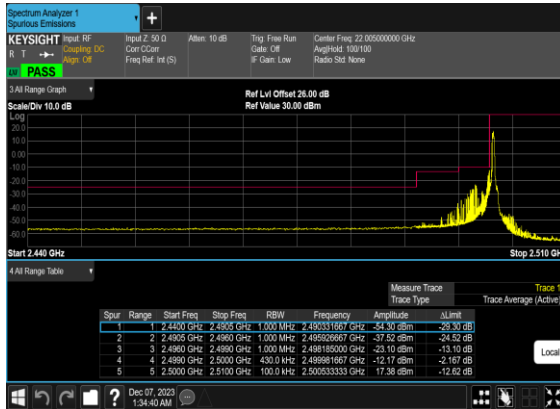
N7(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



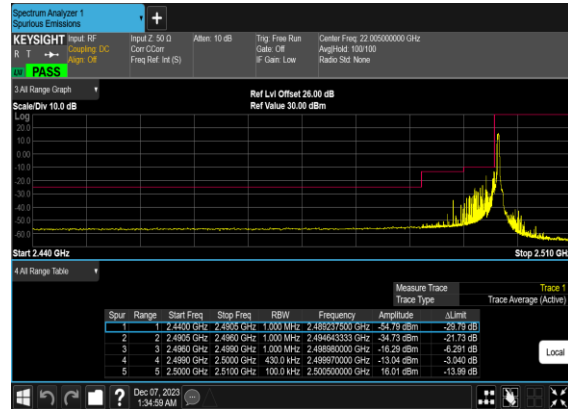
N7(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



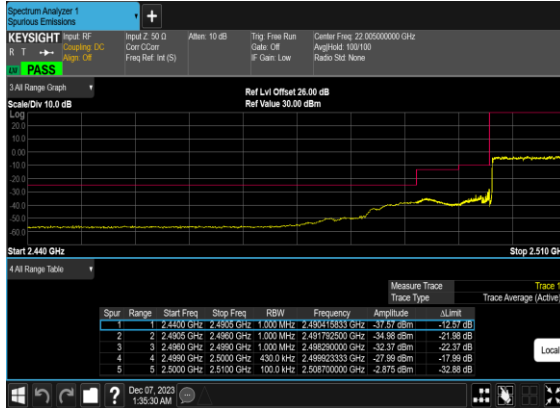
N7(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



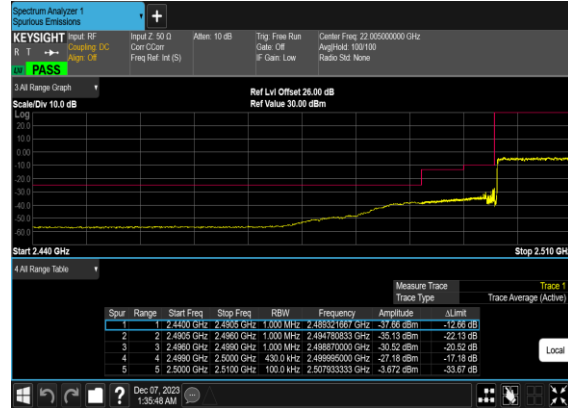
N7(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



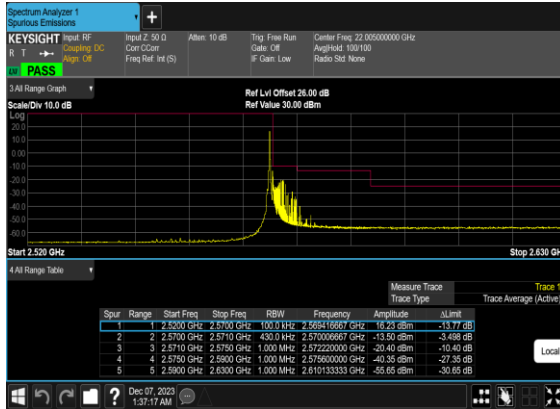
N7(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



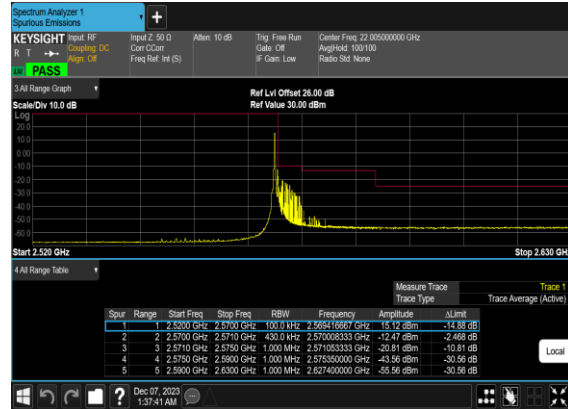
N7(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



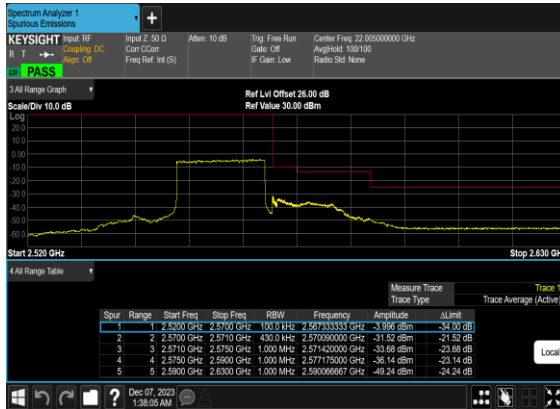
N7(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



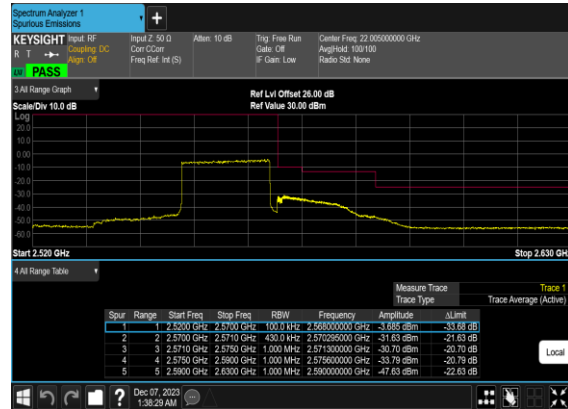
N7(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N7(20M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N7(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N12 (ANT0)

## Conducted Power and ERP, (GT - LC)=-4.13dB

| NR Band | SCS | Band Width | Arfcn  | Freq (MHz) | Modulation           | RB    | Conducted Power (dBm) | ERP (dBm) | ERP (W) |
|---------|-----|------------|--------|------------|----------------------|-------|-----------------------|-----------|---------|
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM PI/2 BPSK | 36@18 | 23.41                 | 17.13     | 0.0516  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.39                 | 17.11     | 0.0514  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM PI/2 BPSK | 1@77  | 23.27                 | 16.99     | 0.0500  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM QPSK      | 36@18 | 23.38                 | 17.1      | 0.0513  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM QPSK      | 1@1   | 23.63                 | 17.35     | 0.0543  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM QPSK      | 1@77  | 23.26                 | 16.98     | 0.0499  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM 16 QAM    | 36@18 | 22.33                 | 16.05     | 0.0403  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM 16 QAM    | 1@1   | 22.5                  | 16.22     | 0.0419  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM 16 QAM    | 1@77  | 22.46                 | 16.18     | 0.0415  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM 64 QAM    | 36@18 | 20.87                 | 14.59     | 0.0288  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM 64 QAM    | 1@1   | 21.02                 | 14.74     | 0.0298  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM 64 QAM    | 1@77  | 20.96                 | 14.68     | 0.0294  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM 256 QAM   | 36@18 | 18.81                 | 12.53     | 0.0179  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM 256 QAM   | 1@1   | 18.68                 | 12.4      | 0.0174  |
| 12      | 15  | 15         | 141300 | 706.5      | DFT-s-OFDM 256 QAM   | 1@77  | 18.64                 | 12.36     | 0.0172  |
| 12      | 15  | 15         | 141300 | 706.5      | CP-OFDM QPSK         | 39@19 | 22.03                 | 15.75     | 0.0376  |
| 12      | 15  | 15         | 141300 | 706.5      | CP-OFDM QPSK         | 1@1   | 21.98                 | 15.7      | 0.0372  |
| 12      | 15  | 15         | 141300 | 706.5      | CP-OFDM QPSK         | 1@77  | 21.93                 | 15.65     | 0.0367  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM PI/2 BPSK | 36@18 | 23.34                 | 17.06     | 0.0508  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.37                 | 17.09     | 0.0512  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM PI/2 BPSK | 1@77  | 23.13                 | 16.85     | 0.0484  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM QPSK      | 36@18 | 23.34                 | 17.06     | 0.0508  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM QPSK      | 1@1   | 23.56                 | 17.28     | 0.0535  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM QPSK      | 1@77  | 23.23                 | 16.95     | 0.0495  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM 16 QAM    | 36@18 | 22.37                 | 16.09     | 0.0406  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM 16 QAM    | 1@1   | 22.53                 | 16.25     | 0.0422  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM 16 QAM    | 1@77  | 22.33                 | 16.05     | 0.0403  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM 64 QAM    | 36@18 | 20.91                 | 14.63     | 0.0290  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM 64 QAM    | 1@1   | 20.97                 | 14.69     | 0.0294  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM 64 QAM    | 1@77  | 20.85                 | 14.57     | 0.0286  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM 256 QAM   | 36@18 | 18.35                 | 12.07     | 0.0161  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM 256 QAM   | 1@1   | 18.65                 | 12.37     | 0.0173  |
| 12      | 15  | 15         | 141500 | 707.5      | DFT-s-OFDM 256 QAM   | 1@77  | 18.64                 | 12.36     | 0.0172  |
| 12      | 15  | 15         | 141500 | 707.5      | CP-OFDM QPSK         | 39@19 | 21.98                 | 15.7      | 0.0372  |
| 12      | 15  | 15         | 141500 | 707.5      | CP-OFDM QPSK         | 1@1   | 21.95                 | 15.67     | 0.0369  |
| 12      | 15  | 15         | 141500 | 707.5      | CP-OFDM QPSK         | 1@77  | 21.92                 | 15.64     | 0.0366  |
| 12      | 15  | 15         | 141700 | 708.5      | DFT-s-OFDM PI/2 BPSK | 36@18 | 23.42                 | 17.14     | 0.0518  |
| 12      | 15  | 15         | 141700 | 708.5      | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.29                 | 17.01     | 0.0502  |
| 12      | 15  | 15         | 141700 | 708.5      | DFT-s-OFDM PI/2 BPSK | 1@77  | 23.19                 | 16.91     | 0.0491  |
| 12      | 15  | 15         | 141700 | 708.5      | DFT-s-OFDM QPSK      | 36@18 | 23.47                 | 17.19     | 0.0524  |
| 12      | 15  | 15         | 141700 | 708.5      | DFT-s-OFDM QPSK      | 1@1   | 23.35                 | 17.07     | 0.0509  |
| 12      | 15  | 15         | 141700 | 708.5      | DFT-s-OFDM QPSK      | 1@77  | 23.25                 | 16.97     | 0.0498  |
| 12      | 15  | 15         | 141700 | 708.5      | DFT-s-OFDM 16 QAM    | 36@18 | 22.42                 | 16.14     | 0.0411  |
| 12      | 15  | 15         | 141700 | 708.5      | DFT-s-OFDM 16 QAM    | 1@1   | 22.43                 | 16.15     | 0.0412  |
| 12      | 15  | 15         | 141700 | 708.5      | DFT-s-OFDM 16 QAM    | 1@77  | 22.35                 | 16.07     | 0.0405  |

|    |    |    |        |       |                      |       |       |       |        |
|----|----|----|--------|-------|----------------------|-------|-------|-------|--------|
| 12 | 15 | 15 | 141700 | 708.5 | DFT-s-OFDM 64 QAM    | 36@18 | 21    | 14.72 | 0.0296 |
| 12 | 15 | 15 | 141700 | 708.5 | DFT-s-OFDM 64 QAM    | 1@1   | 20.99 | 14.71 | 0.0296 |
| 12 | 15 | 15 | 141700 | 708.5 | DFT-s-OFDM 64 QAM    | 1@77  | 20.95 | 14.67 | 0.0293 |
| 12 | 15 | 15 | 141700 | 708.5 | DFT-s-OFDM 256 QAM   | 36@18 | 18.54 | 12.26 | 0.0168 |
| 12 | 15 | 15 | 141700 | 708.5 | DFT-s-OFDM 256 QAM   | 1@1   | 18.57 | 12.29 | 0.0169 |
| 12 | 15 | 15 | 141700 | 708.5 | DFT-s-OFDM 256 QAM   | 1@77  | 18.62 | 12.34 | 0.0171 |
| 12 | 15 | 15 | 141700 | 708.5 | CP-OFDM QPSK         | 39@19 | 21.94 | 15.66 | 0.0368 |
| 12 | 15 | 15 | 141700 | 708.5 | CP-OFDM QPSK         | 1@1   | 21.91 | 15.63 | 0.0366 |
| 12 | 15 | 15 | 141700 | 708.5 | CP-OFDM QPSK         | 1@77  | 21.89 | 15.61 | 0.0364 |
| 12 | 15 | 5  | 140300 | 701.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.37 | 17.09 | 0.0512 |
| 12 | 15 | 5  | 140300 | 701.5 | DFT-s-OFDM QPSK      | 1@1   | 23.40 | 17.12 | 0.0515 |
| 12 | 15 | 5  | 140300 | 701.5 | DFT-s-OFDM 16 QAM    | 1@1   | 22.43 | 16.15 | 0.0412 |
| 12 | 15 | 5  | 141500 | 707.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.25 | 16.97 | 0.0498 |
| 12 | 15 | 5  | 141500 | 707.5 | DFT-s-OFDM QPSK      | 1@1   | 23.48 | 17.2  | 0.0525 |
| 12 | 15 | 5  | 141500 | 707.5 | DFT-s-OFDM 16 QAM    | 1@1   | 22.45 | 16.17 | 0.0414 |
| 12 | 15 | 5  | 142700 | 713.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.22 | 16.94 | 0.0494 |
| 12 | 15 | 5  | 142700 | 713.5 | DFT-s-OFDM QPSK      | 1@1   | 23.37 | 17.09 | 0.0512 |
| 12 | 15 | 5  | 142700 | 713.5 | DFT-s-OFDM 16 QAM    | 1@1   | 22.33 | 16.05 | 0.0403 |
| 12 | 15 | 10 | 140800 | 704   | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.39 | 17.11 | 0.0514 |
| 12 | 15 | 10 | 140800 | 704   | DFT-s-OFDM QPSK      | 1@1   | 23.5  | 17.22 | 0.0527 |
| 12 | 15 | 10 | 140800 | 704   | DFT-s-OFDM 16 QAM    | 1@1   | 22.58 | 16.3  | 0.0427 |
| 12 | 15 | 10 | 141500 | 707.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.38 | 17.1  | 0.0513 |
| 12 | 15 | 10 | 141500 | 707.5 | DFT-s-OFDM QPSK      | 1@1   | 23.39 | 17.11 | 0.0514 |
| 12 | 15 | 10 | 141500 | 707.5 | DFT-s-OFDM 16 QAM    | 1@1   | 22.38 | 16.1  | 0.0407 |
| 12 | 15 | 10 | 142200 | 711   | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.32 | 17.04 | 0.0506 |
| 12 | 15 | 10 | 142200 | 711   | DFT-s-OFDM QPSK      | 1@1   | 23.35 | 17.07 | 0.0509 |
| 12 | 15 | 10 | 142200 | 711   | DFT-s-OFDM 16 QAM    | 1@1   | 22.42 | 16.14 | 0.0411 |

## Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB   | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|------|-----------------|---------|-------------|
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK | 75@0 | 0.0033          | PASS    | NV          |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK | 75@0 | 0.0012          | PASS    | LV          |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK | 75@0 | 0.0015          | PASS    | HV          |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK | 75@0 | -0.0028         | PASS    | -30°C       |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK | 75@0 | 0.0017          | PASS    | -20°C       |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK | 75@0 | 0.0059          | PASS    | -10°C       |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK | 75@0 | -0.0013         | PASS    | 0°C         |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK | 75@0 | 0.0028          | PASS    | 10°C        |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK | 75@0 | 0.0014          | PASS    | 20°C        |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK | 75@0 | 0.0019          | PASS    | 30°C        |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK | 75@0 | -0.0024         | PASS    | 40°C        |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK | 75@0 | 0.0016          | PASS    | 50°C        |

Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation           | RB   | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|----------------------|------|-------------|------------|---------|
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM PI/2 BPSK | 75@0 | 3.41        | 13         | PASS    |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM PI/2 BPSK | 1@0  | 3.89        | 13         | PASS    |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK      | 75@0 | 4.97        | 13         | PASS    |
| 12      | 15        | 15              | 141500 | 707.5      | DFT-s-OFDM QPSK      | 1@0  | 4.97        | 13         | PASS    |

N12(15M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



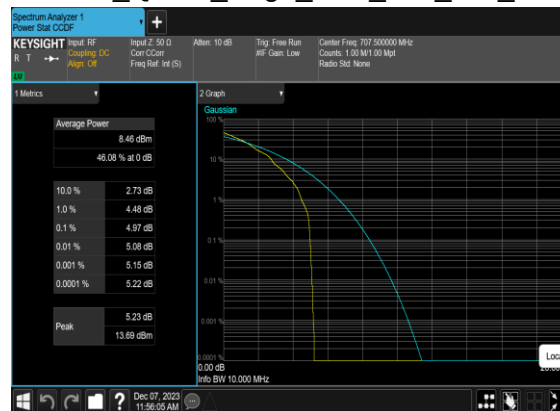
N12(15M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Edge\_1RB\_Left\_Mid\_CH



N12(15M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



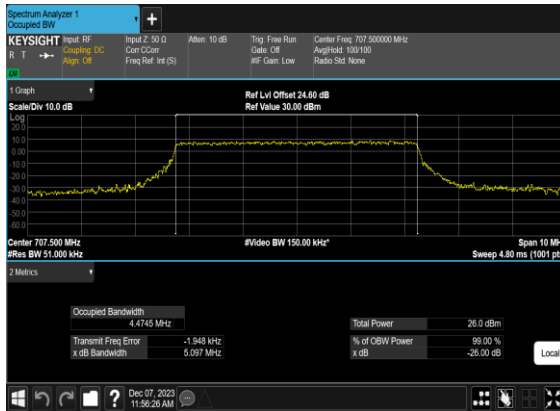
N12(15M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



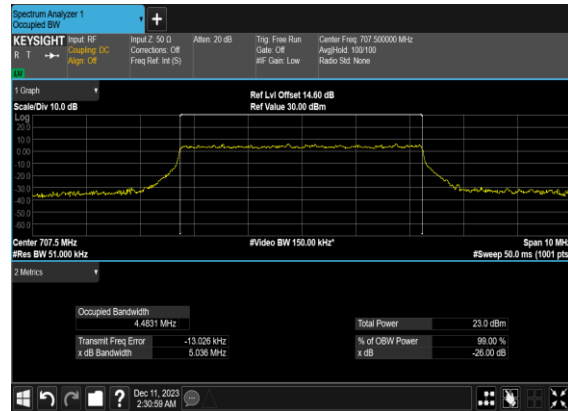
## Occupied Bandwidth

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB   | OBW (MHz) | 26dB BW (MHz) |
|---------|-----------|-----------------|--------|------------|-----------------|------|-----------|---------------|
| 12      | 15        | 5               | 141500 | 707.5      | CP-OFDM QPSK    | 25@0 | 4.4745    | 5.097         |
| 12      | 15        | 5               | 141500 | 707.5      | CP-OFDM 16 QAM  | 25@0 | 4.4831    | 5.036         |
| 12      | 15        | 5               | 141500 | 707.5      | CP-OFDM 64 QAM  | 25@0 | 4.4651    | 5.038         |
| 12      | 15        | 5               | 141500 | 707.5      | CP-OFDM 256 QAM | 25@0 | 4.4783    | 5.0           |
| 12      | 15        | 10              | 141500 | 707.5      | CP-OFDM QPSK    | 52@0 | 9.277     | 10.12         |
| 12      | 15        | 10              | 141500 | 707.5      | CP-OFDM 16 QAM  | 52@0 | 9.2822    | 9.956         |
| 12      | 15        | 10              | 141500 | 707.5      | CP-OFDM 64 QAM  | 52@0 | 9.2652    | 9.95          |
| 12      | 15        | 10              | 141500 | 707.5      | CP-OFDM 256 QAM | 52@0 | 9.2951    | 9.964         |
| 12      | 15        | 15              | 141500 | 707.5      | CP-OFDM QPSK    | 79@0 | 14.08     | 14.79         |
| 12      | 15        | 15              | 141500 | 707.5      | CP-OFDM 16 QAM  | 79@0 | 14.035    | 14.9          |
| 12      | 15        | 15              | 141500 | 707.5      | CP-OFDM 64 QAM  | 79@0 | 14.111    | 14.91         |
| 12      | 15        | 15              | 141500 | 707.5      | CP-OFDM 256 QAM | 79@0 | 14.076    | 14.9          |

N12(5M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



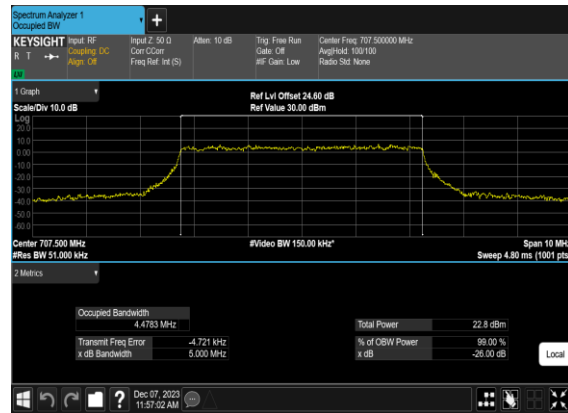
N12(5M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



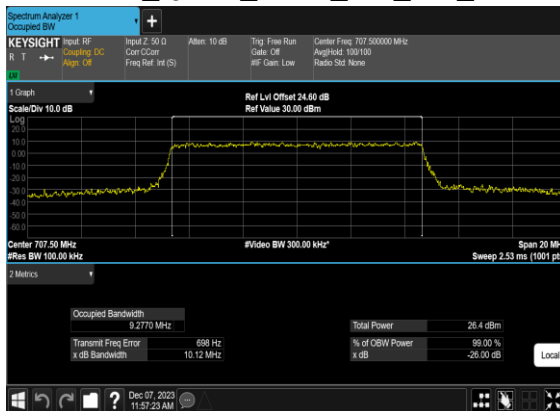
N12(5M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



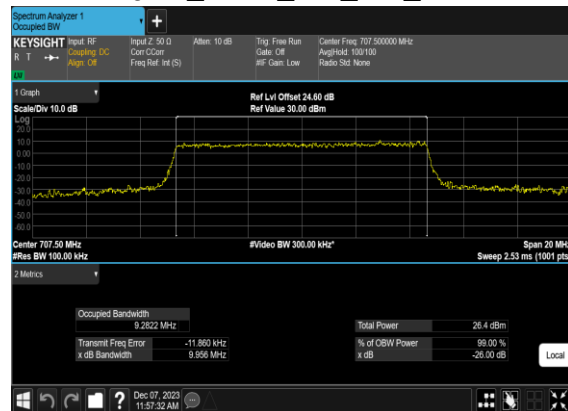
N12(5M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



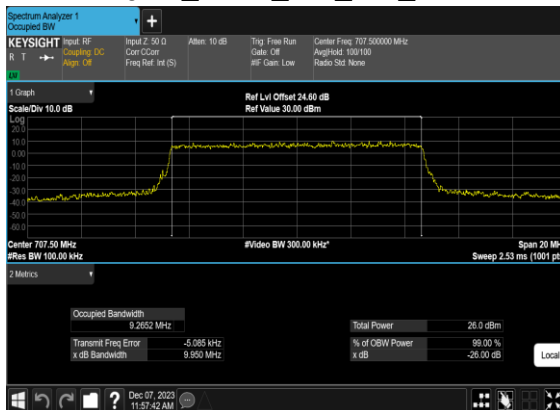
N12(10M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



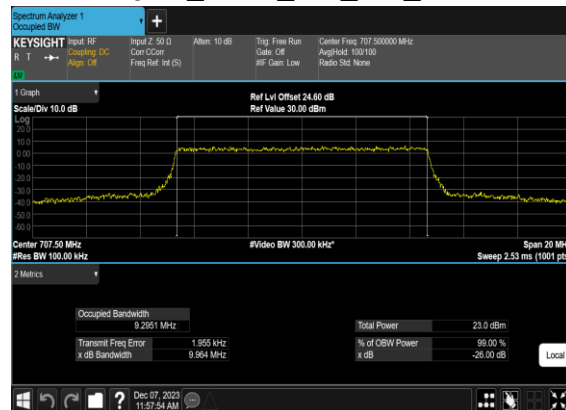
N12(10M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



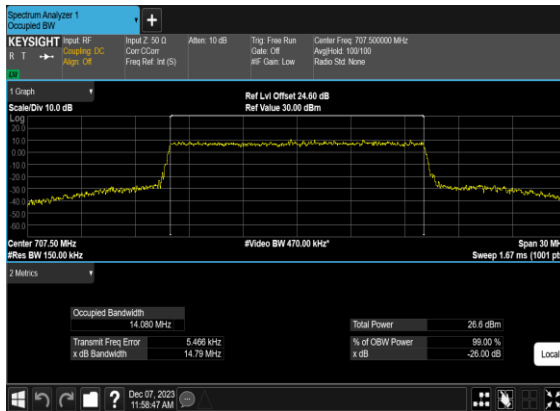
N12(10M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



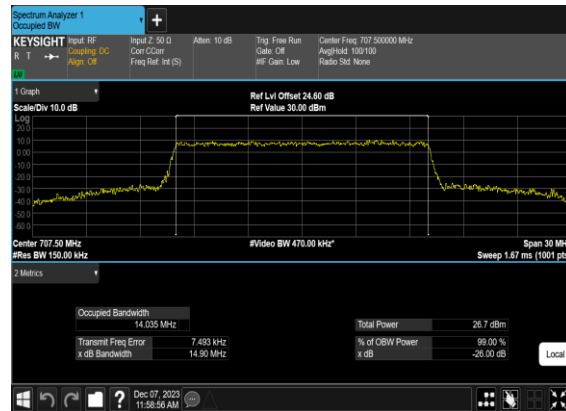
N12(10M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



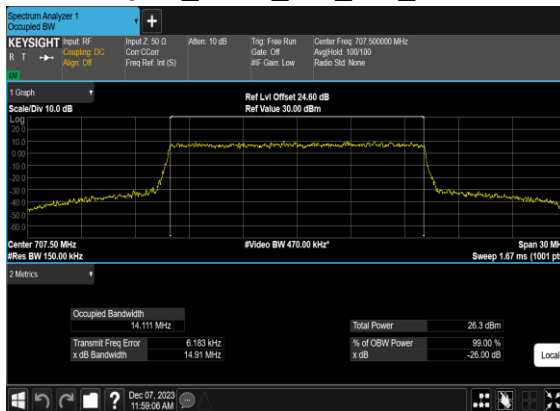
N12(15M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



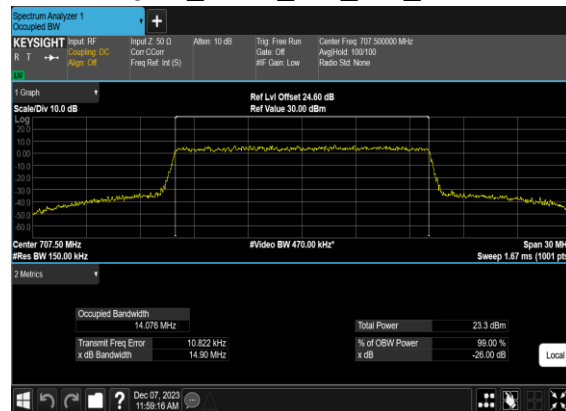
N12(15M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N12(15M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



N12(15M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



## Conducted Spurious Emissions

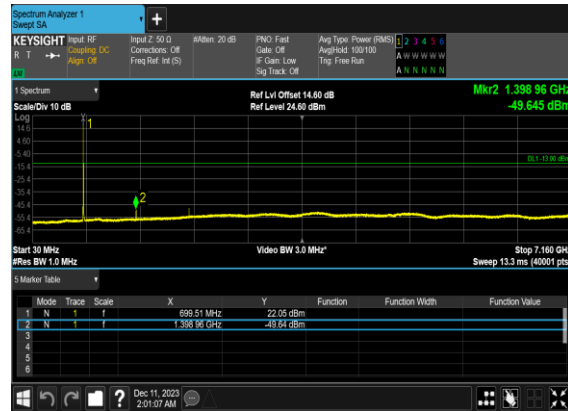
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB  | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-----|-----------|---------|
| 12      | 15        | 5               | 140300 | 701.5      | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 12      | 15        | 5               | 140300 | 701.5      | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 12      | 15        | 5               | 140300 | 701.5      | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 12      | 15        | 5               | 140300 | 701.5      | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 12      | 15        | 5               | 141500 | 707.5      | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 12      | 15        | 5               | 141500 | 707.5      | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 12      | 15        | 5               | 141500 | 707.5      | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 12      | 15        | 5               | 141500 | 707.5      | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 12      | 15        | 5               | 142700 | 713.5      | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 12      | 15        | 5               | 142700 | 713.5      | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 12      | 15        | 5               | 142700 | 713.5      | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 12      | 15        | 5               | 142700 | 713.5      | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 12      | 15        | 10              | 140800 | 704.0      | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 12      | 15        | 10              | 140800 | 704.0      | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 12      | 15        | 10              | 140800 | 704.0      | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 12      | 15        | 10              | 140800 | 704.0      | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 12      | 15        | 10              | 141500 | 707.5      | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 12      | 15        | 10              | 141500 | 707.5      | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 12      | 15        | 10              | 141500 | 707.5      | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 12      | 15        | 10              | 141500 | 707.5      | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 12      | 15        | 10              | 142200 | 711.0      | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 12      | 15        | 10              | 142200 | 711.0      | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 12      | 15        | 10              | 142200 | 711.0      | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |

|    |    |    |        |       |                 |     |           |      |
|----|----|----|--------|-------|-----------------|-----|-----------|------|
| 12 | 15 | 10 | 142200 | 711.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 12 | 15 | 15 | 141300 | 706.5 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 12 | 15 | 15 | 141300 | 706.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 12 | 15 | 15 | 141300 | 706.5 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 12 | 15 | 15 | 141300 | 706.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 12 | 15 | 15 | 141500 | 707.5 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 12 | 15 | 15 | 141500 | 707.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 12 | 15 | 15 | 141500 | 707.5 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 12 | 15 | 15 | 141500 | 707.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 12 | 15 | 15 | 141700 | 708.5 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 12 | 15 | 15 | 141700 | 708.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 12 | 15 | 15 | 141700 | 708.5 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 12 | 15 | 15 | 141700 | 708.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |

# N12(5M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



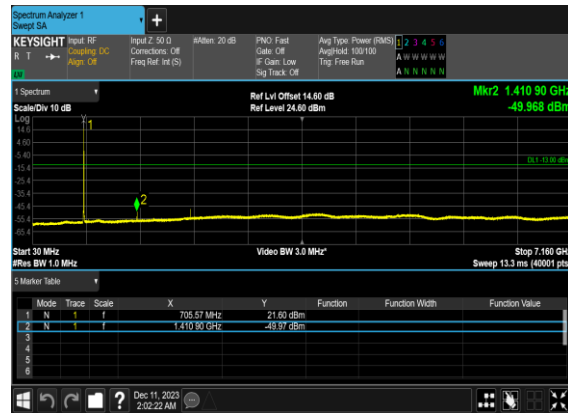
# N12(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



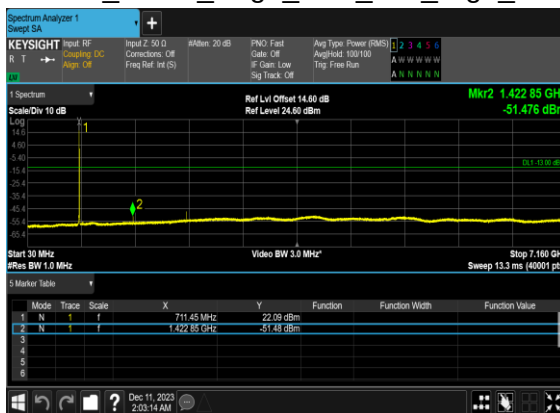
# N12(5M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



# N12(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



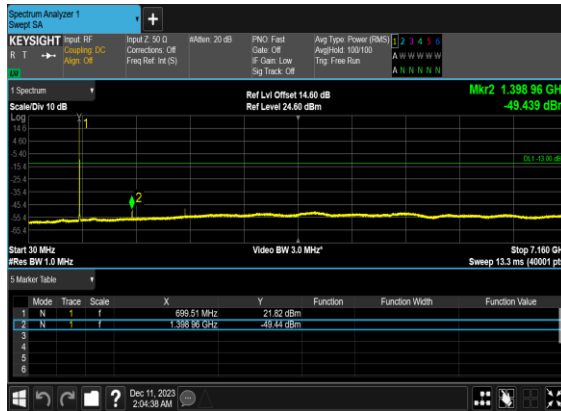
# N12(5M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



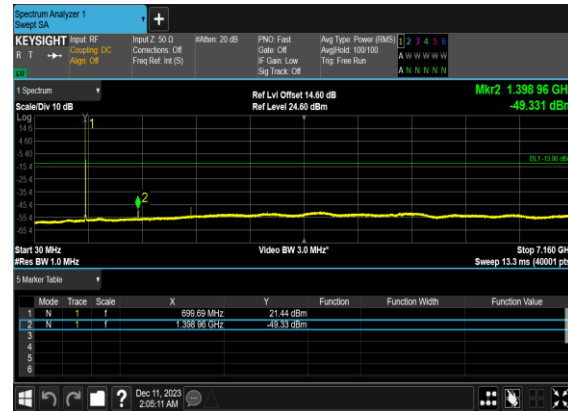
# N12(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



# N12(10M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



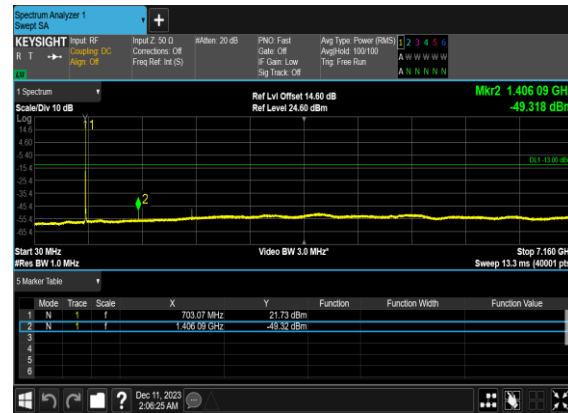
# N12(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



# N12(10M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



# N12(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



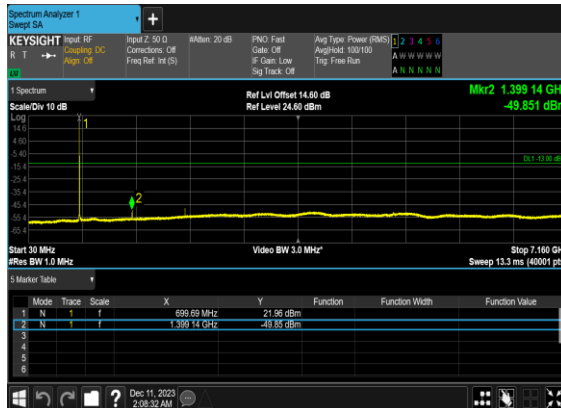
# N12(10M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



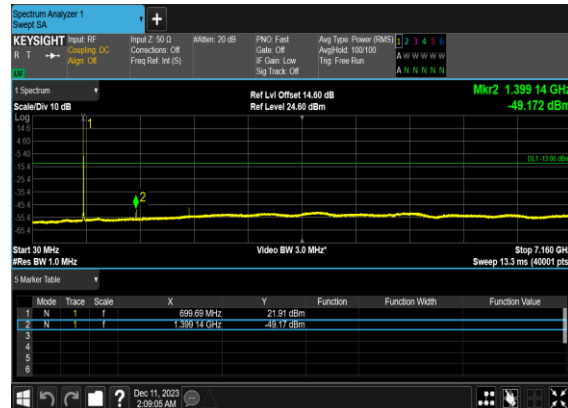
# N12(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



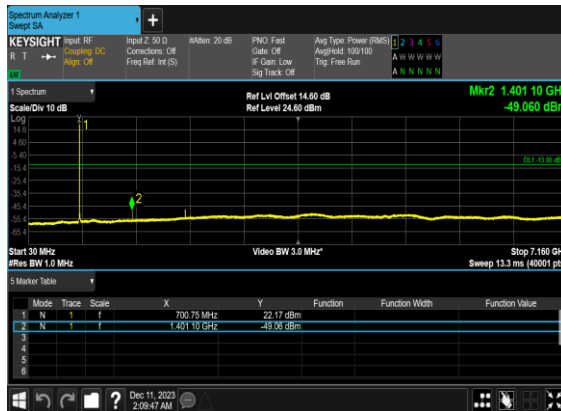
## N12(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



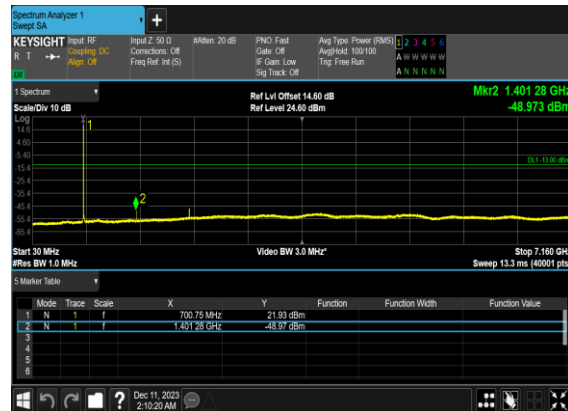
## N12(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



## N12(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



## N12(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



## N12(15M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



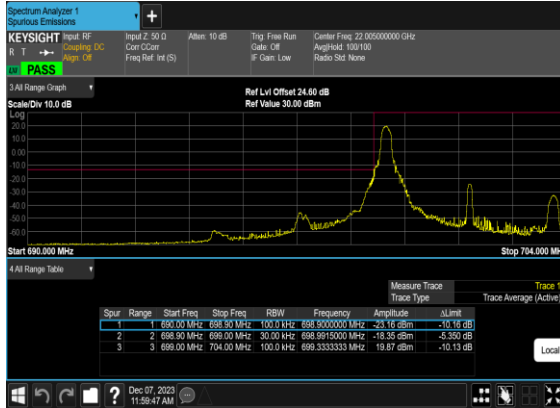
## N12(15M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



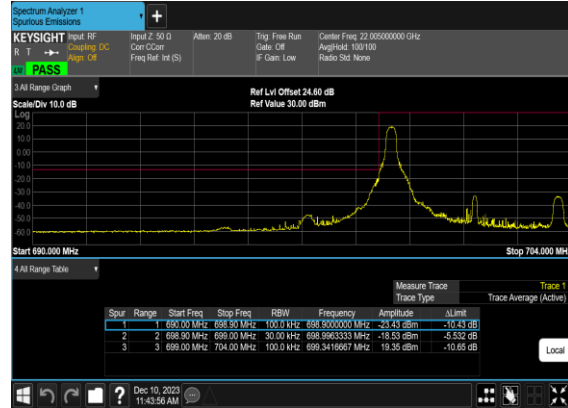
## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB   | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|------|-----------|---------|
| 12      | 15        | 5               | 140300 | 701.5      | DFT-s-OFDM BPSK | 1@0  | see graph | PASS    |
| 12      | 15        | 5               | 140300 | 701.5      | DFT-s-OFDM QPSK | 1@0  | see graph | PASS    |
| 12      | 15        | 5               | 140300 | 701.5      | DFT-s-OFDM BPSK | 25@0 | see graph | PASS    |
| 12      | 15        | 5               | 140300 | 701.5      | DFT-s-OFDM QPSK | 25@0 | see graph | PASS    |
| 12      | 15        | 5               | 142700 | 713.5      | DFT-s-OFDM BPSK | 1@24 | see graph | PASS    |
| 12      | 15        | 5               | 142700 | 713.5      | DFT-s-OFDM QPSK | 1@24 | see graph | PASS    |
| 12      | 15        | 5               | 142700 | 713.5      | DFT-s-OFDM BPSK | 25@0 | see graph | PASS    |
| 12      | 15        | 5               | 142700 | 713.5      | DFT-s-OFDM QPSK | 25@0 | see graph | PASS    |
| 12      | 15        | 10              | 140800 | 704.0      | DFT-s-OFDM BPSK | 1@0  | see graph | PASS    |
| 12      | 15        | 10              | 140800 | 704.0      | DFT-s-OFDM QPSK | 1@0  | see graph | PASS    |
| 12      | 15        | 10              | 140800 | 704.0      | DFT-s-OFDM BPSK | 50@0 | see graph | PASS    |
| 12      | 15        | 10              | 140800 | 704.0      | DFT-s-OFDM QPSK | 50@0 | see graph | PASS    |
| 12      | 15        | 10              | 142200 | 711.0      | DFT-s-OFDM BPSK | 1@51 | see graph | PASS    |
| 12      | 15        | 10              | 142200 | 711.0      | DFT-s-OFDM QPSK | 1@51 | see graph | PASS    |
| 12      | 15        | 10              | 142200 | 711.0      | DFT-s-OFDM BPSK | 50@0 | see graph | PASS    |
| 12      | 15        | 10              | 142200 | 711.0      | DFT-s-OFDM QPSK | 50@0 | see graph | PASS    |
| 12      | 15        | 15              | 141300 | 706.5      | DFT-s-OFDM BPSK | 1@0  | see graph | PASS    |
| 12      | 15        | 15              | 141300 | 706.5      | DFT-s-OFDM QPSK | 1@0  | see graph | PASS    |
| 12      | 15        | 15              | 141300 | 706.5      | DFT-s-OFDM BPSK | 75@0 | see graph | PASS    |
| 12      | 15        | 15              | 141300 | 706.5      | DFT-s-OFDM QPSK | 75@0 | see graph | PASS    |
| 12      | 15        | 15              | 141700 | 708.5      | DFT-s-OFDM BPSK | 1@78 | see graph | PASS    |
| 12      | 15        | 15              | 141700 | 708.5      | DFT-s-OFDM QPSK | 1@78 | see graph | PASS    |
| 12      | 15        | 15              | 141700 | 708.5      | DFT-s-OFDM BPSK | 75@0 | see graph | PASS    |
| 12      | 15        | 15              | 141700 | 708.5      | DFT-s-OFDM QPSK | 75@0 | see graph | PASS    |

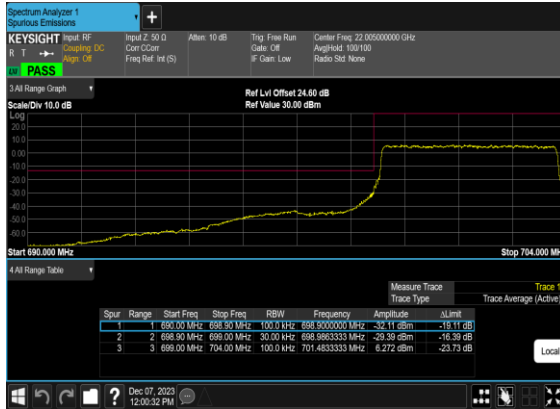
N12(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



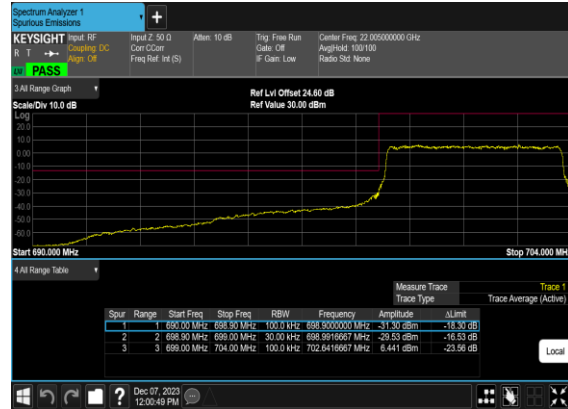
N12(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



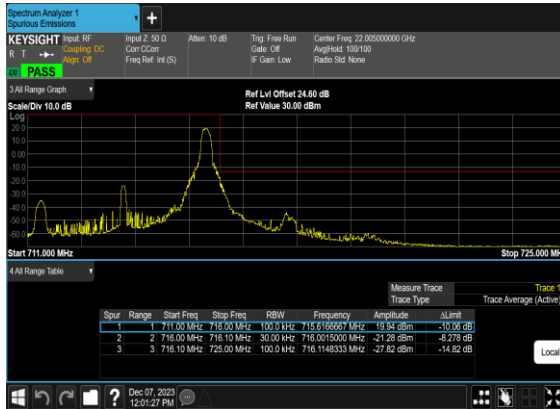
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OFDM\_BPSK\_Outer\_Full\_Low\_CH



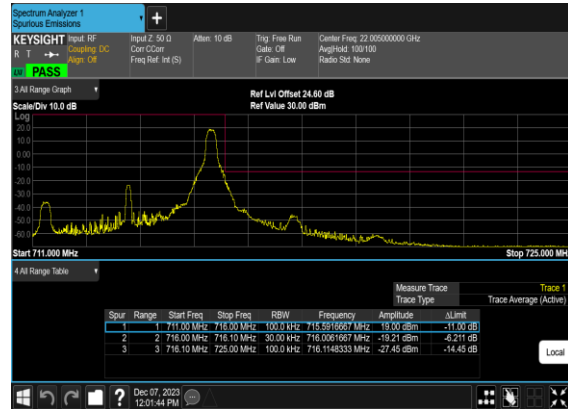
N12(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N12(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



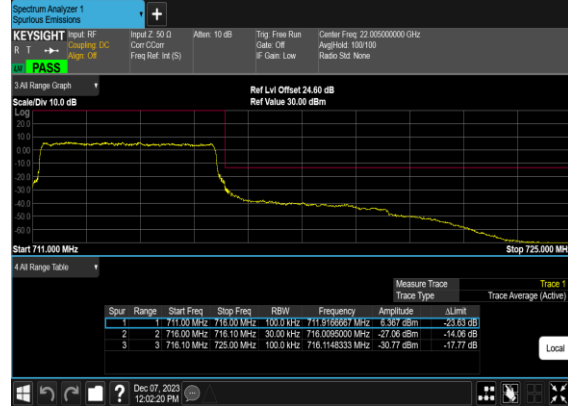
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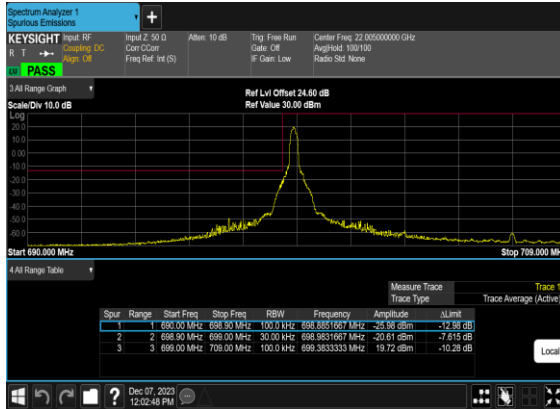
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OFDM\_BPSK\_Outer\_Full\_High\_CH



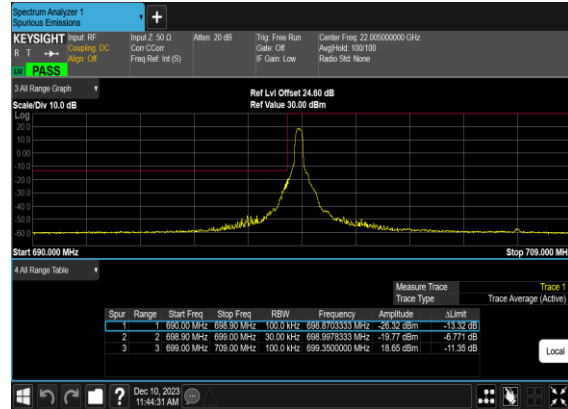
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OFDM\_QPSK\_Outer\_Full\_High\_CH



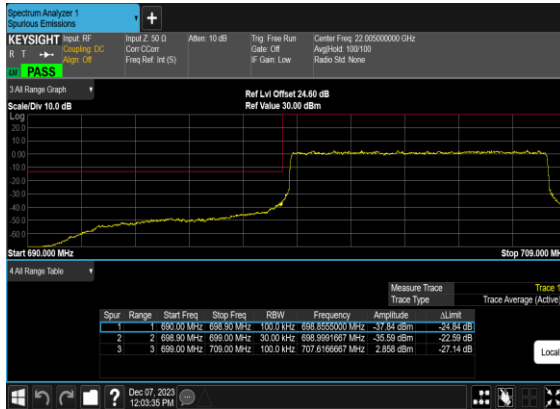
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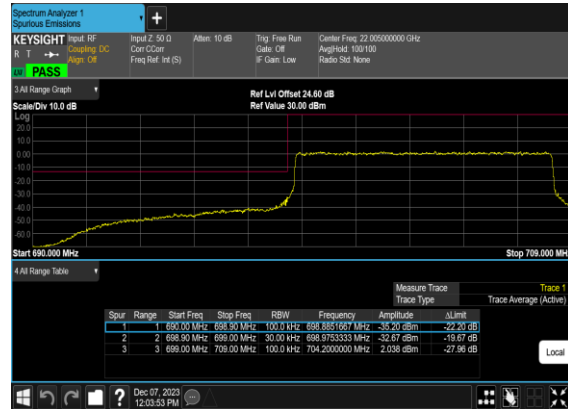
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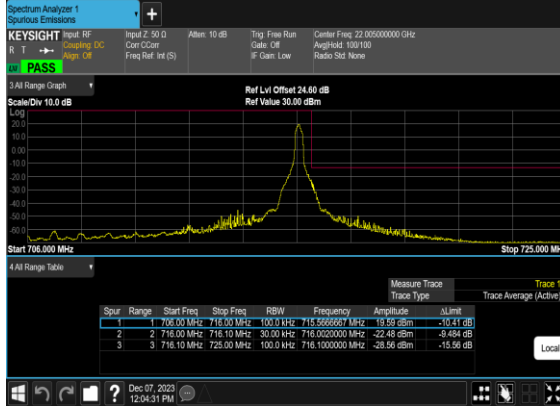
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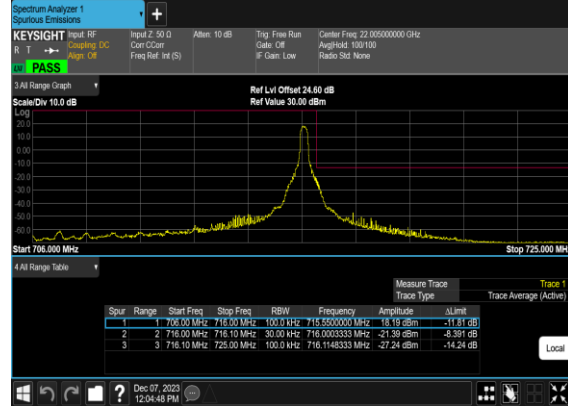
N12(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N12(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N12(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



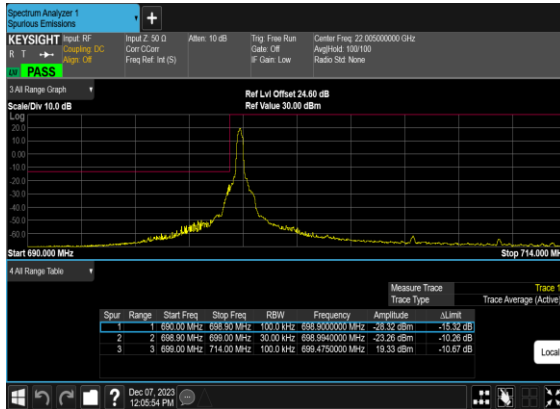
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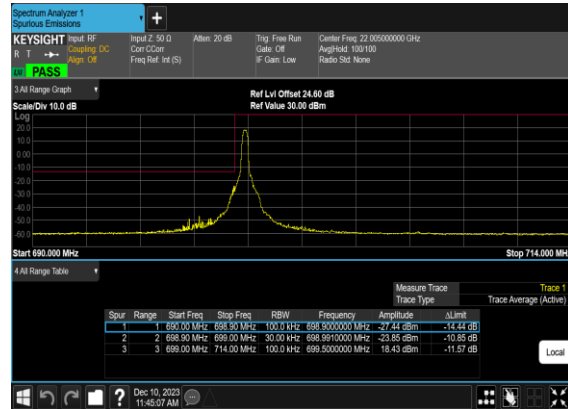
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OFDM\_QPSK\_Outer\_Full\_High\_CH



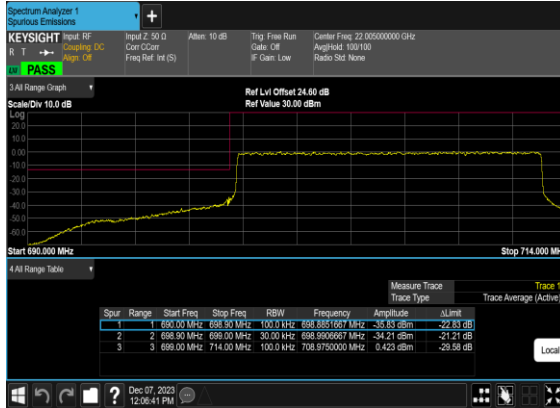
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OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



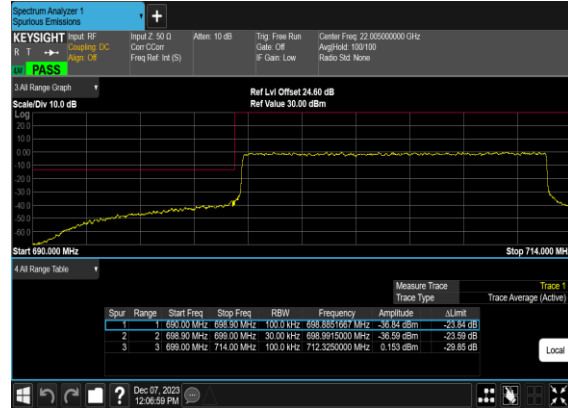
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OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



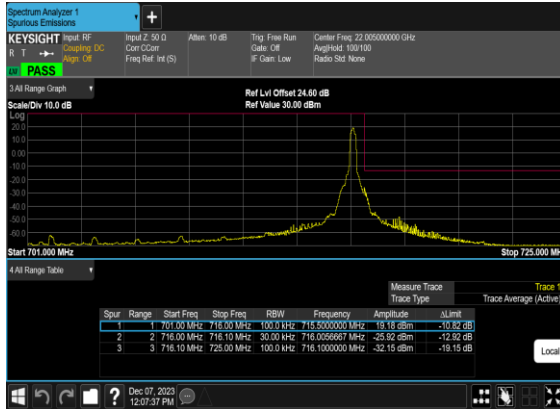
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OFDM\_BPSK\_Outer\_Full\_Low\_CH



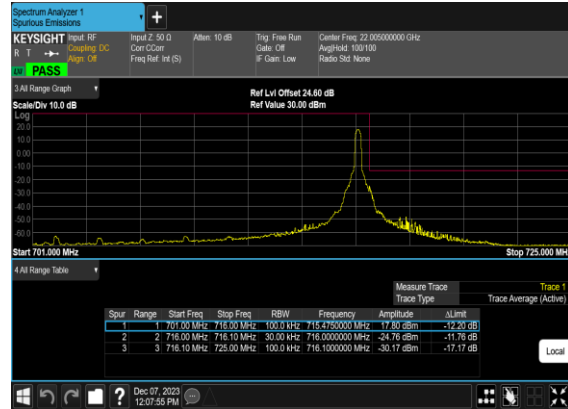
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OFDM\_QPSK\_Outer\_Full\_Low\_CH



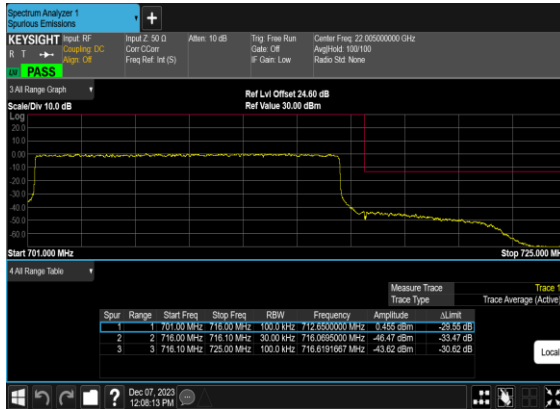
N12(15M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



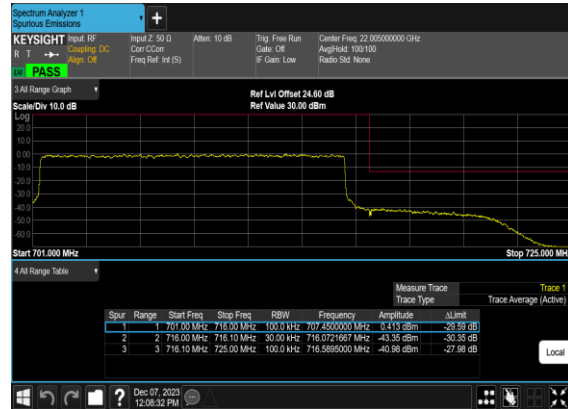
N12(15M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N12(15M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N12(15M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N25 (ANT0)

## Conducted Power and EIRP, ( $G_T - L_c$ )=-0.86dB

| NR Band | SCS | Band Width | Arfcn  | Freq (MHz) | Modulation           | RB    | Conducted Power(dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----|------------|--------|------------|----------------------|-------|----------------------|------------|----------|
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM PI/2 BPSK | 50@25 | 24.29                | 23.43      | 0.2203   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.43                | 23.57      | 0.2275   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM PI/2 BPSK | 1@104 | 24.15                | 23.29      | 0.2133   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM QPSK      | 50@25 | 24.18                | 23.32      | 0.2148   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM QPSK      | 1@1   | 24.14                | 23.28      | 0.2128   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM QPSK      | 1@104 | 24.09                | 23.23      | 0.2104   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM 16 QAM    | 50@25 | 23.1                 | 22.24      | 0.1675   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM 16 QAM    | 1@1   | 23.22                | 22.36      | 0.1722   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM 16 QAM    | 1@104 | 23.29                | 22.43      | 0.1750   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM 64 QAM    | 50@25 | 21.67                | 20.81      | 0.1205   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM 64 QAM    | 1@1   | 21.72                | 20.86      | 0.1219   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM 64 QAM    | 1@104 | 21.92                | 21.06      | 0.1276   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM 256 QAM   | 50@25 | 19.64                | 18.78      | 0.0755   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM 256 QAM   | 1@1   | 19.3                 | 18.44      | 0.0698   |
| 25      | 15  | 20         | 372000 | 1860       | DFT-s-OFDM 256 QAM   | 1@104 | 19.46                | 18.6       | 0.0724   |
| 25      | 15  | 20         | 372000 | 1860       | CP-OFDM QPSK         | 53@26 | 22.61                | 21.75      | 0.1496   |
| 25      | 15  | 20         | 372000 | 1860       | CP-OFDM QPSK         | 1@1   | 22.67                | 21.81      | 0.1517   |
| 25      | 15  | 20         | 372000 | 1860       | CP-OFDM QPSK         | 1@104 | 22.81                | 21.95      | 0.1567   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM PI/2 BPSK | 50@25 | 24.36                | 23.5       | 0.2239   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.22                | 23.36      | 0.2168   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM PI/2 BPSK | 1@104 | 24.22                | 23.36      | 0.2168   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM QPSK      | 50@25 | 23.93                | 23.07      | 0.2028   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM QPSK      | 1@1   | 24.07                | 23.21      | 0.2094   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM QPSK      | 1@104 | 23.27                | 22.41      | 0.1742   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM 16 QAM    | 50@25 | 22.94                | 22.08      | 0.1614   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM 16 QAM    | 1@1   | 23.22                | 22.36      | 0.1722   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM 16 QAM    | 1@104 | 22.4                 | 21.54      | 0.1426   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM 64 QAM    | 50@25 | 21.56                | 20.7       | 0.1175   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM 64 QAM    | 1@1   | 21.81                | 20.95      | 0.1245   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM 64 QAM    | 1@104 | 20.99                | 20.13      | 0.1030   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM 256 QAM   | 50@25 | 19.2                 | 18.34      | 0.0682   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM 256 QAM   | 1@1   | 19.35                | 18.49      | 0.0706   |
| 25      | 15  | 20         | 376500 | 1882.5     | DFT-s-OFDM 256 QAM   | 1@104 | 19.53                | 18.67      | 0.0736   |
| 25      | 15  | 20         | 376500 | 1882.5     | CP-OFDM QPSK         | 53@26 | 22.62                | 21.76      | 0.1500   |
| 25      | 15  | 20         | 376500 | 1882.5     | CP-OFDM QPSK         | 1@1   | 22.77                | 21.91      | 0.1552   |
| 25      | 15  | 20         | 376500 | 1882.5     | CP-OFDM QPSK         | 1@104 | 22.01                | 21.15      | 0.1303   |
| 25      | 15  | 20         | 381000 | 1905       | DFT-s-OFDM PI/2 BPSK | 50@25 | 23.76                | 22.9       | 0.1950   |
| 25      | 15  | 20         | 381000 | 1905       | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.29                | 23.43      | 0.2203   |
| 25      | 15  | 20         | 381000 | 1905       | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.11                | 22.25      | 0.1679   |
| 25      | 15  | 20         | 381000 | 1905       | DFT-s-OFDM QPSK      | 50@25 | 22.49                | 21.63      | 0.1455   |
| 25      | 15  | 20         | 381000 | 1905       | DFT-s-OFDM QPSK      | 1@1   | 23.18                | 22.32      | 0.1706   |
| 25      | 15  | 20         | 381000 | 1905       | DFT-s-OFDM QPSK      | 1@104 | 22.1                 | 21.24      | 0.1330   |
| 25      | 15  | 20         | 381000 | 1905       | DFT-s-OFDM 16 QAM    | 50@25 | 21.49                | 20.63      | 0.1156   |
| 25      | 15  | 20         | 381000 | 1905       | DFT-s-OFDM 16 QAM    | 1@1   | 22.35                | 21.49      | 0.1409   |
| 25      | 15  | 20         | 381000 | 1905       | DFT-s-OFDM 16 QAM    | 1@104 | 21.28                | 20.42      | 0.1102   |

|    |    |    |        |        |                      |       |       |       |        |
|----|----|----|--------|--------|----------------------|-------|-------|-------|--------|
| 25 | 15 | 20 | 381000 | 1905   | DFT-s-OFDM 64 QAM    | 50@25 | 20.1  | 19.24 | 0.0839 |
| 25 | 15 | 20 | 381000 | 1905   | DFT-s-OFDM 64 QAM    | 1@1   | 20.85 | 19.99 | 0.0998 |
| 25 | 15 | 20 | 381000 | 1905   | DFT-s-OFDM 64 QAM    | 1@104 | 19.89 | 19.03 | 0.0800 |
| 25 | 15 | 20 | 381000 | 1905   | DFT-s-OFDM 256 QAM   | 50@25 | 19.1  | 18.24 | 0.0667 |
| 25 | 15 | 20 | 381000 | 1905   | DFT-s-OFDM 256 QAM   | 1@1   | 19.51 | 18.65 | 0.0733 |
| 25 | 15 | 20 | 381000 | 1905   | DFT-s-OFDM 256 QAM   | 1@104 | 18.38 | 17.52 | 0.0565 |
| 25 | 15 | 20 | 381000 | 1905   | CP-OFDM QPSK         | 53@26 | 21.13 | 20.27 | 0.1064 |
| 25 | 15 | 20 | 381000 | 1905   | CP-OFDM QPSK         | 1@1   | 21.95 | 21.09 | 0.1285 |
| 25 | 15 | 20 | 381000 | 1905   | CP-OFDM QPSK         | 1@104 | 20.84 | 19.98 | 0.0995 |
| 25 | 15 | 5  | 370500 | 1852.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.08 | 23.22 | 0.2099 |
| 25 | 15 | 5  | 370500 | 1852.5 | DFT-s-OFDM QPSK      | 1@1   | 24.23 | 23.37 | 0.2173 |
| 25 | 15 | 5  | 370500 | 1852.5 | DFT-s-OFDM 16 QAM    | 1@1   | 23.12 | 22.26 | 0.1683 |
| 25 | 15 | 5  | 376500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.26 | 23.4  | 0.2188 |
| 25 | 15 | 5  | 376500 | 1882.5 | DFT-s-OFDM QPSK      | 1@1   | 23.96 | 23.1  | 0.2042 |
| 25 | 15 | 5  | 376500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@1   | 23.12 | 22.26 | 0.1683 |
| 25 | 15 | 5  | 382500 | 1912.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.91 | 23.05 | 0.2018 |
| 25 | 15 | 5  | 382500 | 1912.5 | DFT-s-OFDM QPSK      | 1@1   | 22.8  | 21.94 | 0.1563 |
| 25 | 15 | 5  | 382500 | 1912.5 | DFT-s-OFDM 16 QAM    | 1@1   | 21.97 | 21.11 | 0.1291 |
| 25 | 15 | 10 | 371000 | 1855   | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.03 | 23.17 | 0.2075 |
| 25 | 15 | 10 | 371000 | 1855   | DFT-s-OFDM QPSK      | 1@1   | 24.13 | 23.27 | 0.2123 |
| 25 | 15 | 10 | 371000 | 1855   | DFT-s-OFDM 16 QAM    | 1@1   | 23.15 | 22.29 | 0.1694 |
| 25 | 15 | 10 | 376500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.18 | 23.32 | 0.2148 |
| 25 | 15 | 10 | 376500 | 1882.5 | DFT-s-OFDM QPSK      | 1@1   | 24.26 | 23.4  | 0.2188 |
| 25 | 15 | 10 | 376500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@1   | 23.19 | 22.33 | 0.1710 |
| 25 | 15 | 10 | 382000 | 1910   | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.79 | 22.93 | 0.1963 |
| 25 | 15 | 10 | 382000 | 1910   | DFT-s-OFDM QPSK      | 1@1   | 22.67 | 21.81 | 0.1517 |
| 25 | 15 | 10 | 382000 | 1910   | DFT-s-OFDM 16 QAM    | 1@1   | 21.82 | 20.96 | 0.1247 |
| 25 | 15 | 15 | 371500 | 1857.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.12 | 23.26 | 0.2118 |
| 25 | 15 | 15 | 371500 | 1857.5 | DFT-s-OFDM QPSK      | 1@1   | 24.18 | 23.32 | 0.2148 |
| 25 | 15 | 15 | 371500 | 1857.5 | DFT-s-OFDM 16 QAM    | 1@1   | 23.26 | 22.4  | 0.1738 |
| 25 | 15 | 15 | 376500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.22 | 23.36 | 0.2168 |
| 25 | 15 | 15 | 376500 | 1882.5 | DFT-s-OFDM QPSK      | 1@1   | 24.19 | 23.33 | 0.2153 |
| 25 | 15 | 15 | 376500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@1   | 23.35 | 22.49 | 0.1774 |
| 25 | 15 | 15 | 381500 | 1907.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.84 | 22.98 | 0.1986 |
| 25 | 15 | 15 | 381500 | 1907.5 | DFT-s-OFDM QPSK      | 1@1   | 22.71 | 21.85 | 0.1531 |
| 25 | 15 | 15 | 381500 | 1907.5 | DFT-s-OFDM 16 QAM    | 1@1   | 21.84 | 20.98 | 0.1253 |

## Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------------|---------|-------------|
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | 0.0046          | PASS    | NV          |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | 0.0025          | PASS    | LV          |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | 0.0032          | PASS    | HV          |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.0028         | PASS    | -30°C       |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | 0.0021          | PASS    | -20°C       |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | 0.0052          | PASS    | -10°C       |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.0024         | PASS    | 0°C         |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | 0.0018          | PASS    | 10°C        |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | 0.0007          | PASS    | 20°C        |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | 0.0006          | PASS    | 30°C        |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.0018         | PASS    | 40°C        |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | 0.0016          | PASS    | 50°C        |

Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation           | RB    | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|----------------------|-------|-------------|------------|---------|
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM PI/2 BPSK | 100@0 | 4.34        | 13         | PASS    |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM PI/2 BPSK | 1@0   | 3.63        | 13         | PASS    |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK      | 100@0 | 5.37        | 13         | PASS    |
| 25      | 15        | 20              | 376500 | 1882.5     | DFT-s-OFDM QPSK      | 1@0   | 5.15        | 13         | PASS    |

N25(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



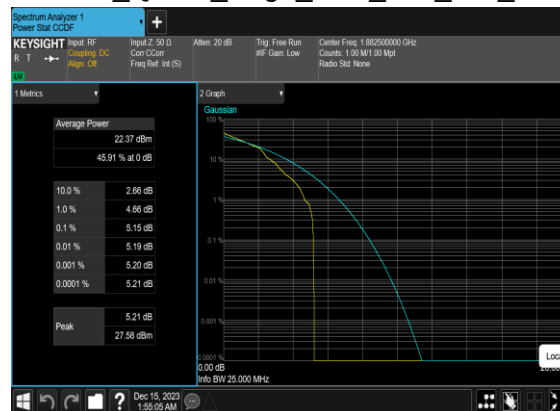
N25(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Edge\_1RB\_Left\_Mid\_CH



N25(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



N25(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) |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------------|
| 25      | 15        | 5               | 376500 | 1882.5     | CP-OFDM QPSK    | 25@0  | 4.4674    | 5.064         |
| 25      | 15        | 5               | 376500 | 1882.5     | CP-OFDM 16 QAM  | 25@0  | 4.4741    | 5.086         |
| 25      | 15        | 5               | 376500 | 1882.5     | CP-OFDM 64 QAM  | 25@0  | 4.4684    | 5.052         |
| 25      | 15        | 5               | 376500 | 1882.5     | CP-OFDM 256 QAM | 25@0  | 4.4809    | 4.997         |
| 25      | 15        | 10              | 376500 | 1882.5     | CP-OFDM QPSK    | 52@0  | 9.2958    | 10.15         |
| 25      | 15        | 10              | 376500 | 1882.5     | CP-OFDM 16 QAM  | 52@0  | 9.308     | 9.965         |
| 25      | 15        | 10              | 376500 | 1882.5     | CP-OFDM 64 QAM  | 52@0  | 9.2712    | 9.908         |
| 25      | 15        | 10              | 376500 | 1882.5     | CP-OFDM 256 QAM | 52@0  | 9.2994    | 9.931         |
| 25      | 15        | 15              | 376500 | 1882.5     | CP-OFDM QPSK    | 79@0  | 14.087    | 14.93         |
| 25      | 15        | 15              | 376500 | 1882.5     | CP-OFDM 16 QAM  | 79@0  | 14.119    | 14.87         |
| 25      | 15        | 15              | 376500 | 1882.5     | CP-OFDM 64 QAM  | 79@0  | 14.113    | 14.89         |
| 25      | 15        | 15              | 376500 | 1882.5     | CP-OFDM 256 QAM | 79@0  | 14.101    | 14.97         |
| 25      | 15        | 20              | 376500 | 1882.5     | CP-OFDM QPSK    | 106@0 | 18.91     | 19.86         |
| 25      | 15        | 20              | 376500 | 1882.5     | CP-OFDM 16 QAM  | 106@0 | 18.94     | 19.88         |
| 25      | 15        | 20              | 376500 | 1882.5     | CP-OFDM 64 QAM  | 106@0 | 18.936    | 19.89         |
| 25      | 15        | 20              | 376500 | 1882.5     | CP-OFDM 256 QAM | 106@0 | 18.949    | 19.79         |