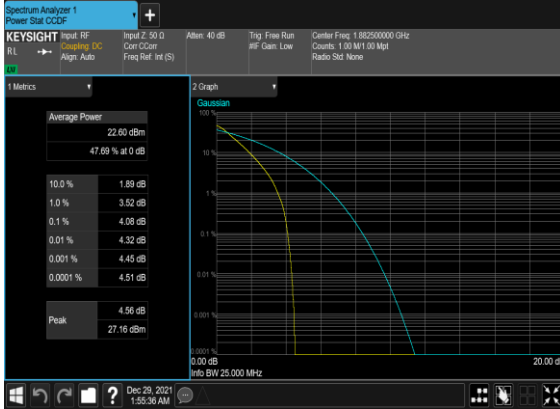




B12\_N25(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



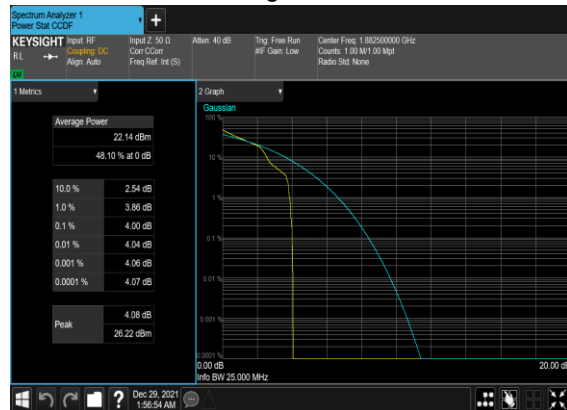
B12\_N25(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_Mid\_CH



B12\_N25(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

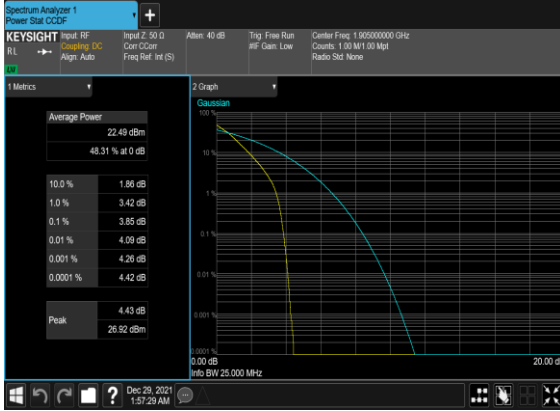


B12\_N25(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

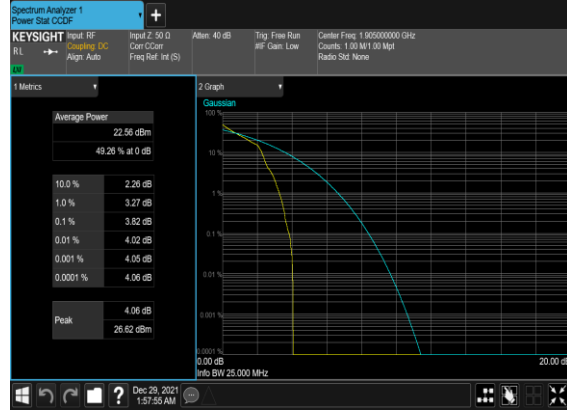




B12\_N25(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



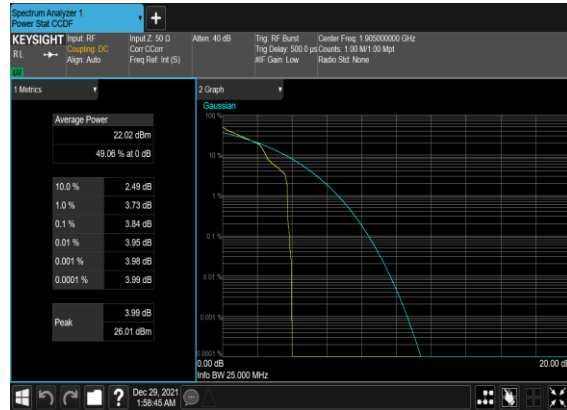
B12\_N25(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Edge\_1RB\_Left\_High\_CH



B12\_N25(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



B12\_N25(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



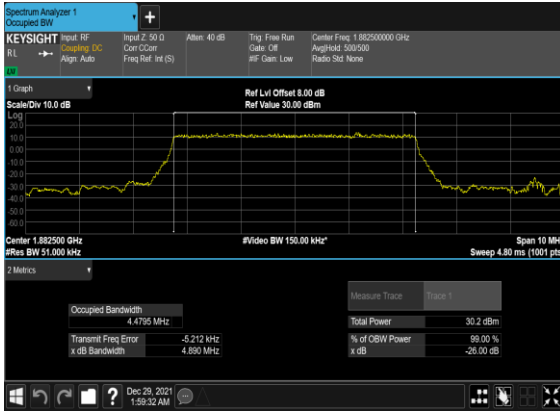


### Occupied Bandwidth

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation              | RB    | OBW (MHz) | 26dB OBW (MHz) |
|---------|-----------|-----------------|--------|------------|-------------------------|-------|-----------|----------------|
| 25      | 15        | 5               | 392500 | 1882.5     | DFT-s-OFDM<br>PI/2 BPSK | 25@0  | 4.4795    | 4.89           |
| 25      | 15        | 5               | 392500 | 1882.5     | DFT-s-OFDM<br>QPSK      | 25@0  | 4.4778    | 4.863          |
| 25      | 15        | 5               | 392500 | 1882.5     | CP-OFDM<br>QPSK         | 25@0  | 4.4863    | 4.958          |
| 25      | 15        | 5               | 392500 | 1882.5     | CP-OFDM 16<br>QAM       | 25@0  | 4.4701    | 4.951          |
| 25      | 15        | 5               | 392500 | 1882.5     | CP-OFDM 64<br>QAM       | 25@0  | 4.4748    | 4.911          |
| 25      | 15        | 5               | 392500 | 1882.5     | CP-OFDM<br>256 QAM      | 25@0  | 4.4733    | 5.253          |
| 25      | 15        | 10              | 392500 | 1882.5     | DFT-s-OFDM<br>PI/2 BPSK | 50@0  | 8.9158    | 9.561          |
| 25      | 15        | 10              | 392500 | 1882.5     | DFT-s-OFDM<br>QPSK      | 50@0  | 8.9036    | 9.47           |
| 25      | 15        | 10              | 392500 | 1882.5     | CP-OFDM<br>QPSK         | 52@0  | 9.2743    | 9.93           |
| 25      | 15        | 10              | 392500 | 1882.5     | CP-OFDM 16<br>QAM       | 52@0  | 9.291     | 9.912          |
| 25      | 15        | 10              | 392500 | 1882.5     | CP-OFDM 64<br>QAM       | 52@0  | 9.2833    | 9.973          |
| 25      | 15        | 10              | 392500 | 1882.5     | CP-OFDM<br>256 QAM      | 52@0  | 9.2726    | 9.936          |
| 25      | 15        | 15              | 392500 | 1882.5     | DFT-s-OFDM<br>PI/2 BPSK | 75@0  | 13.405    | 14.16          |
| 25      | 15        | 15              | 392500 | 1882.5     | DFT-s-OFDM<br>QPSK      | 75@0  | 13.39     | 14.09          |
| 25      | 15        | 15              | 392500 | 1882.5     | CP-OFDM<br>QPSK         | 79@0  | 14.095    | 14.88          |
| 25      | 15        | 15              | 392500 | 1882.5     | CP-OFDM 16<br>QAM       | 79@0  | 14.083    | 14.83          |
| 25      | 15        | 15              | 392500 | 1882.5     | CP-OFDM 64<br>QAM       | 79@0  | 14.117    | 14.89          |
| 25      | 15        | 15              | 392500 | 1882.5     | CP-OFDM<br>256 QAM      | 79@0  | 14.11     | 14.72          |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM<br>PI/2 BPSK | 100@0 | 17.846    | 18.73          |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM<br>QPSK      | 100@0 | 17.896    | 18.64          |
| 25      | 15        | 20              | 392500 | 1882.5     | CP-OFDM<br>QPSK         | 106@0 | 18.893    | 19.8           |
| 25      | 15        | 20              | 392500 | 1882.5     | CP-OFDM 16<br>QAM       | 106@0 | 18.889    | 19.76          |
| 25      | 15        | 20              | 392500 | 1882.5     | CP-OFDM 64<br>QAM       | 106@0 | 18.884    | 19.77          |
| 25      | 15        | 20              | 392500 | 1882.5     | CP-OFDM<br>256 QAM      | 106@0 | 18.924    | 19.81          |



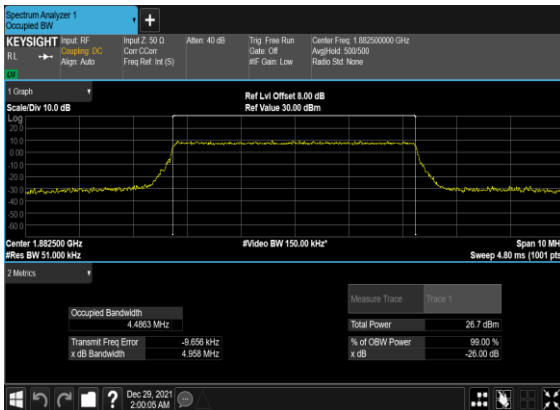
B12\_N25(5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



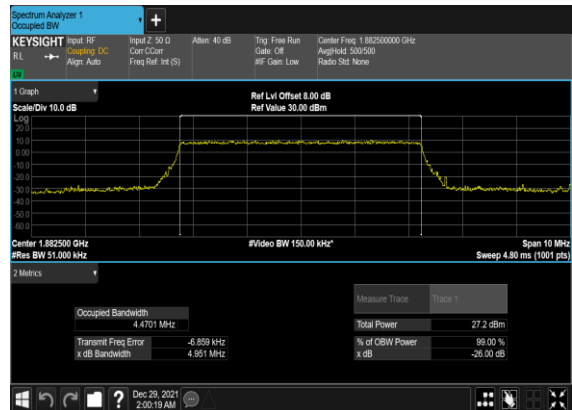
B12\_N25(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B12\_N25(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

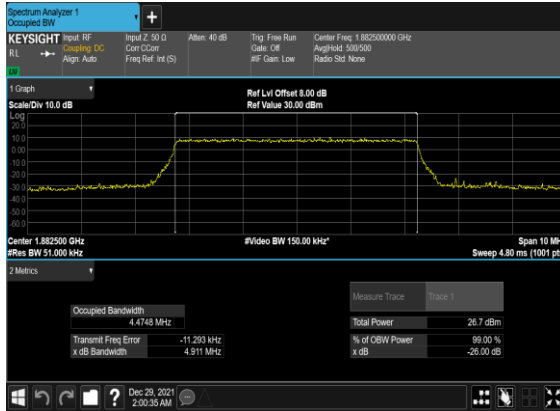


B12\_N25(5M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH

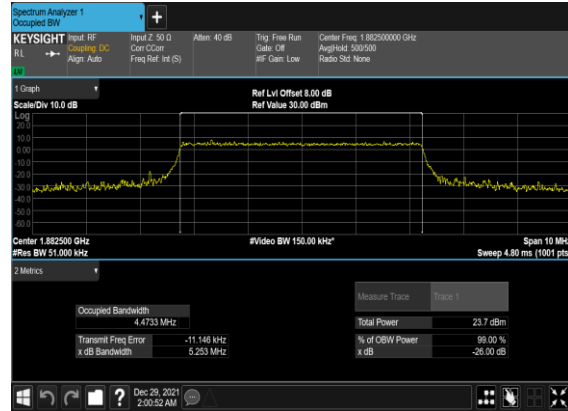




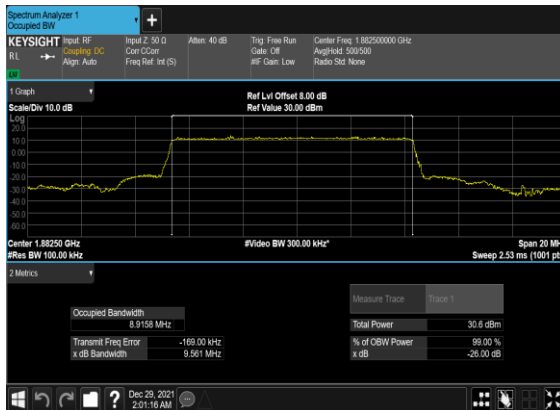
B12\_N25(5M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



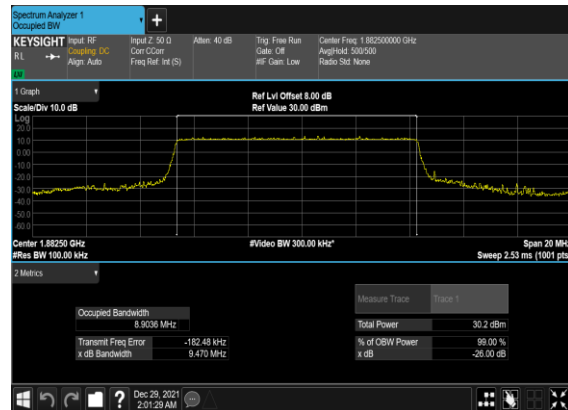
B12\_N25(5M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



B12\_N25(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



B12\_N25(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

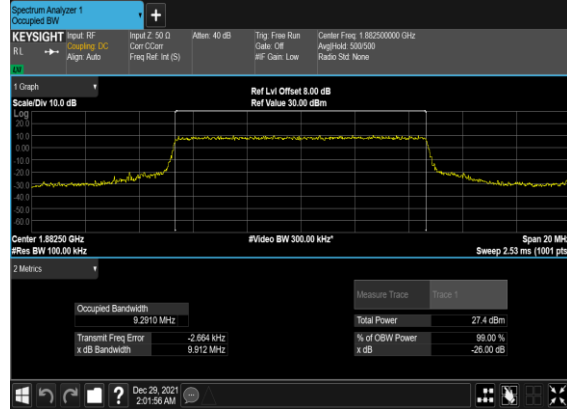




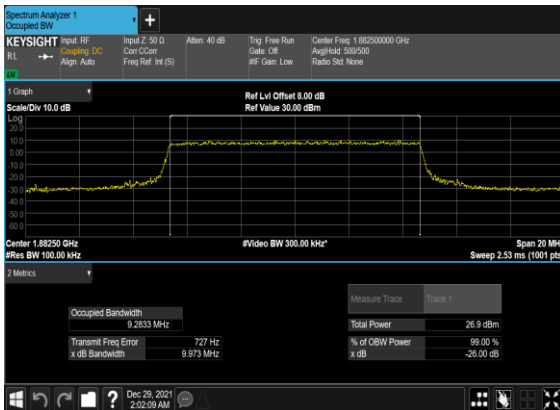
B12\_N25(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



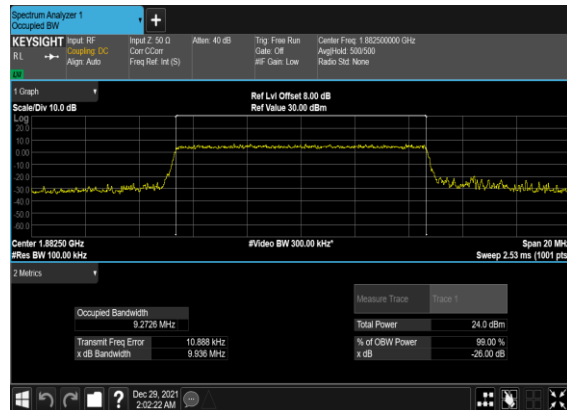
B12\_N25(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B12\_N25(10M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH

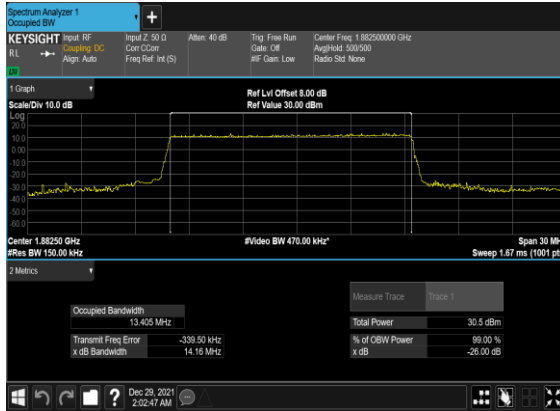


B12\_N25(10M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





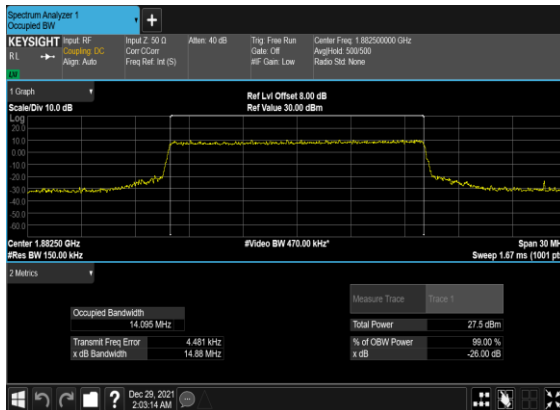
B12\_N25(15M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



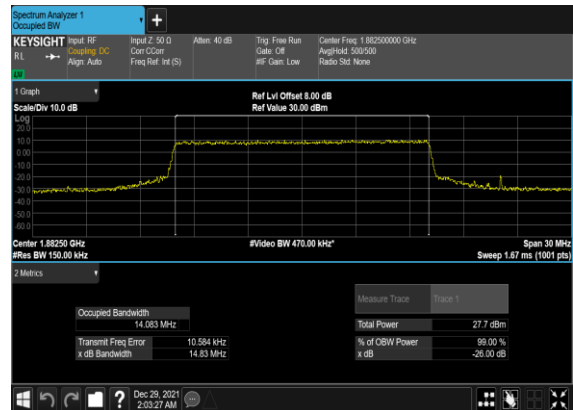
B12\_N25(15M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B12\_N25(15M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



B12\_N25(15M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH





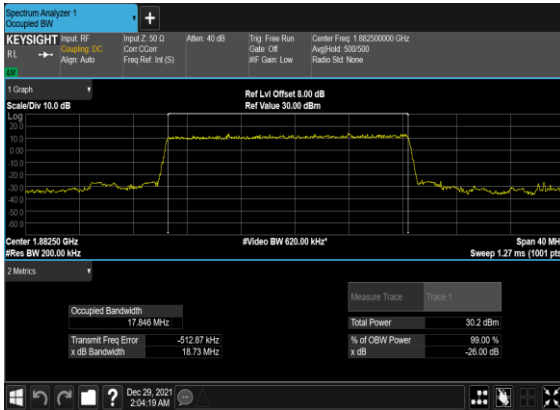
B12\_N25(15M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



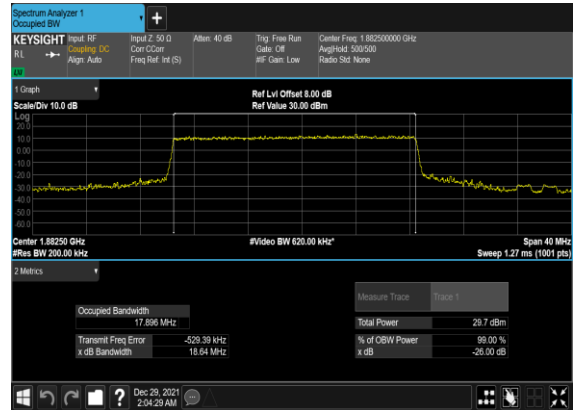
B12\_N25(15M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



B12\_N25(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



B12\_N25(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH







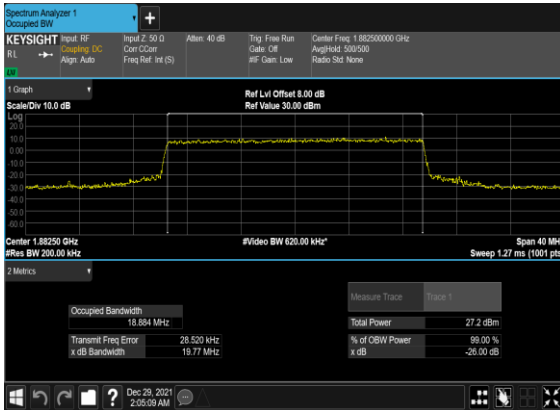
B12\_N25(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



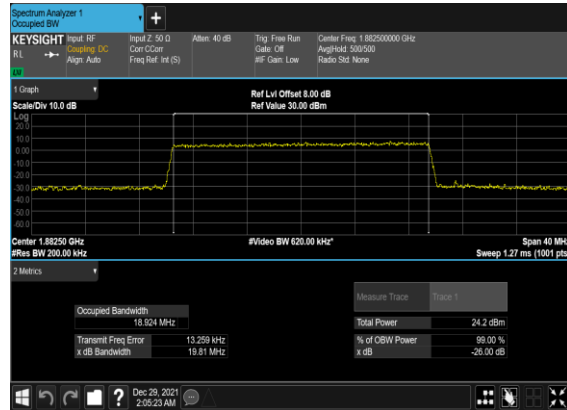
B12\_N25(20M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



B12\_N25(20M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



B12\_N25(20M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH





### Conducted Spurious Emissions

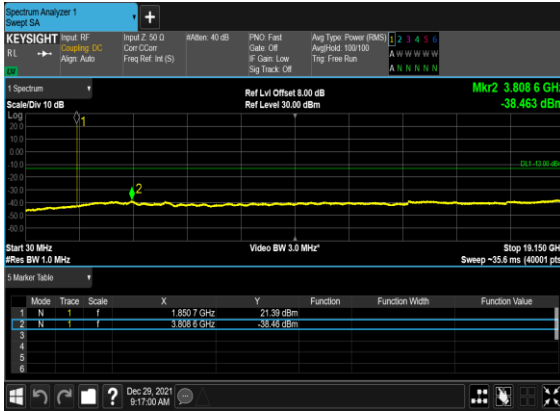
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB  | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-----|-----------|---------|
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 5               | 392500 | 1882.5     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 25      | 15        | 5               | 392500 | 1882.5     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 5               | 392500 | 1882.5     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 25      | 15        | 5               | 392500 | 1882.5     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 5               | 398500 | 1912.5     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 25      | 15        | 5               | 398500 | 1912.5     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 5               | 398500 | 1912.5     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 25      | 15        | 5               | 398500 | 1912.5     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 10              | 387000 | 1855.0     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 25      | 15        | 10              | 387000 | 1855.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 10              | 387000 | 1855.0     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 25      | 15        | 10              | 387000 | 1855.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 10              | 392500 | 1882.5     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 25      | 15        | 10              | 392500 | 1882.5     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 10              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 25      | 15        | 10              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 10              | 398000 | 1910.0     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 25      | 15        | 10              | 398000 | 1910.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 10              | 398000 | 1910.0     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 25      | 15        | 10              | 398000 | 1910.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 20              | 388000 | 1860.0     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 25      | 15        | 20              | 388000 | 1860.0     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 20              | 388000 | 1860.0     | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 25      | 15        | 20              | 388000 | 1860.0     | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |



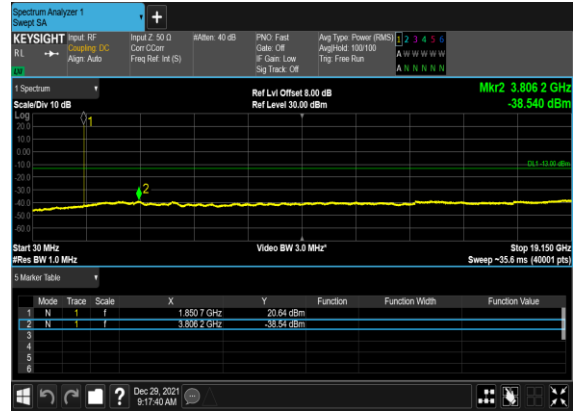
| BPSK |    |    |        |        |                    |     |           |             |
|------|----|----|--------|--------|--------------------|-----|-----------|-------------|
| 25   | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 25   | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |
| 25   | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 25   | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 25   | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 25   | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |



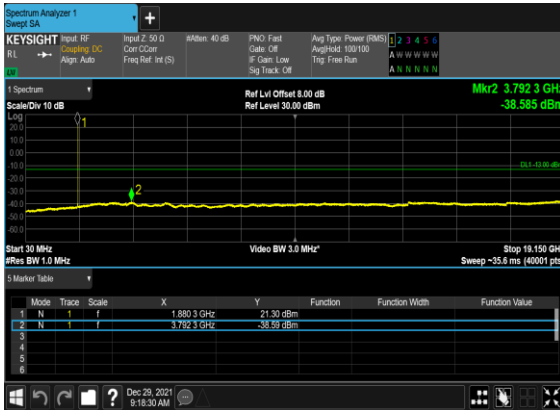
B12\_N25(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



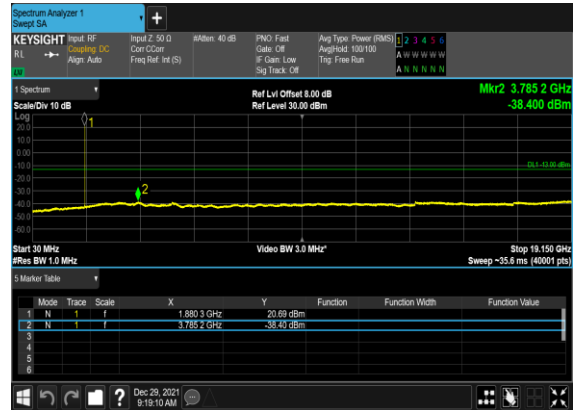
B12\_N25(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B12\_N25(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



B12\_N25(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

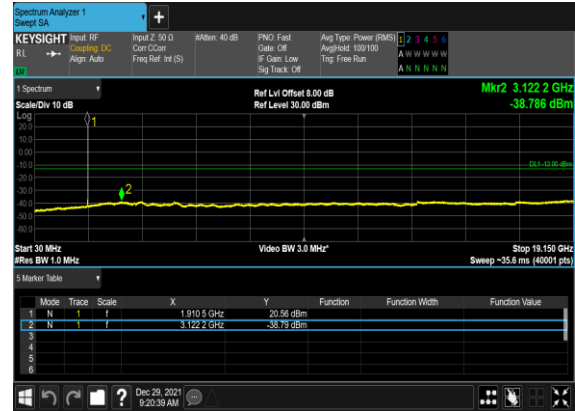




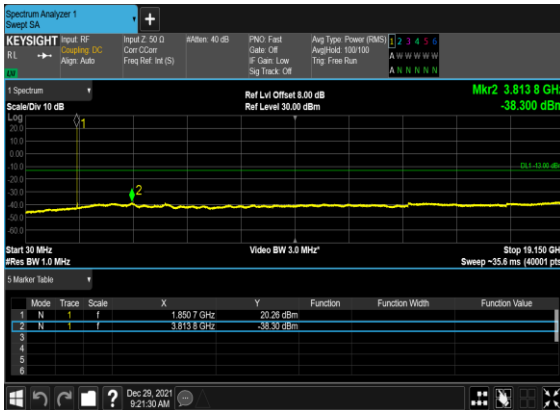
B12\_N25(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B12\_N25(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



B12\_N25(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



B12\_N25(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

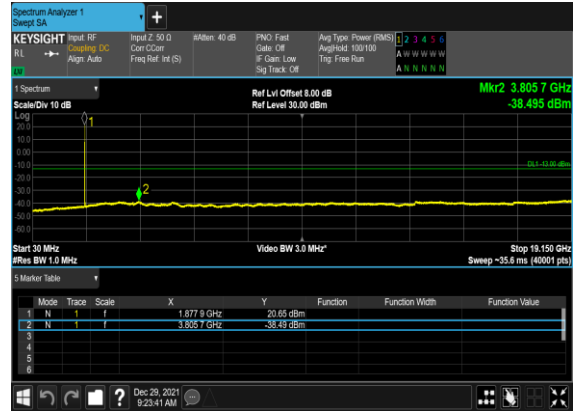




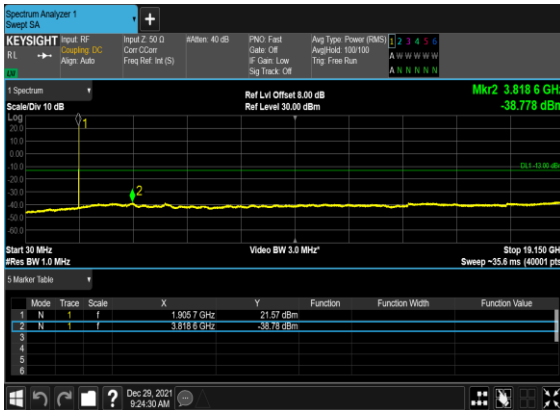
B12\_N25(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



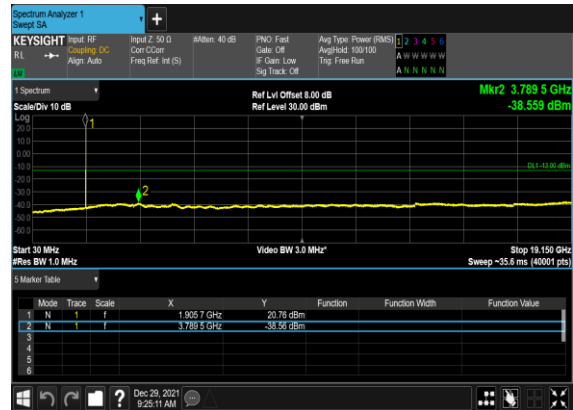
B12\_N25(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



B12\_N25(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH

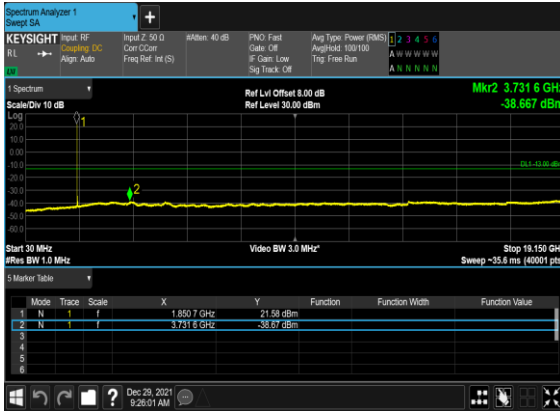


B12\_N25(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

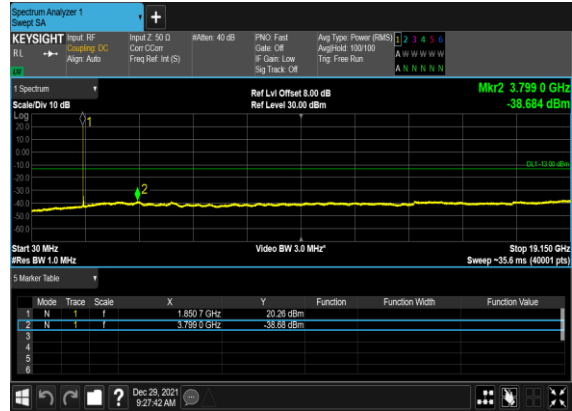




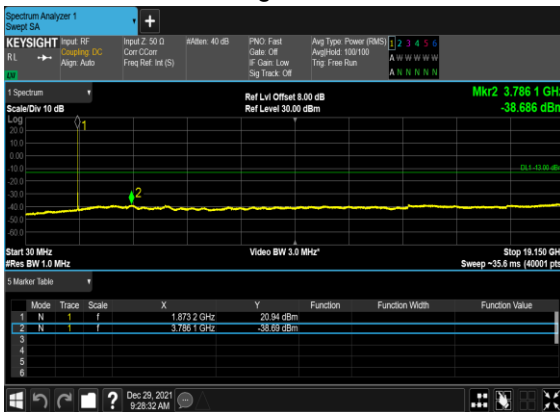
B12\_N25(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



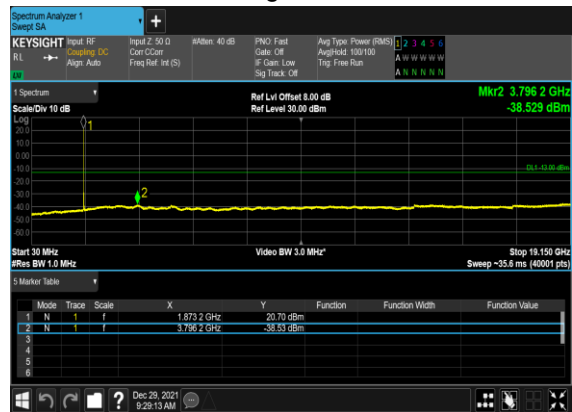
B12\_N25(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B12\_N25(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



B12\_N25(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH





B12\_N25(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B12\_N25(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH







### Conducted Band Edge

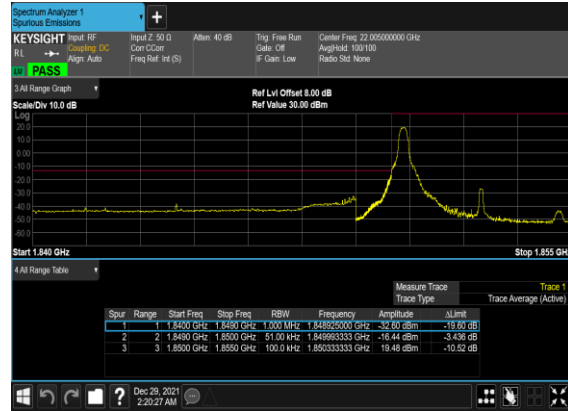
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 25      | 15        | 5               | 398500 | 1912.5     | DFT-s-OFDM BPSK | 1@24  | see graph | PASS    |
| 25      | 15        | 5               | 398500 | 1912.5     | DFT-s-OFDM QPSK | 1@24  | see graph | PASS    |
| 25      | 15        | 5               | 398500 | 1912.5     | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 25      | 15        | 5               | 398500 | 1912.5     | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 25      | 15        | 10              | 387000 | 1855.0     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 25      | 15        | 10              | 387000 | 1855.0     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 25      | 15        | 10              | 387000 | 1855.0     | DFT-s-OFDM BPSK | 50@0  | see graph | PASS    |
| 25      | 15        | 10              | 387000 | 1855.0     | DFT-s-OFDM QPSK | 50@0  | see graph | PASS    |
| 25      | 15        | 10              | 398000 | 1910.0     | DFT-s-OFDM BPSK | 1@51  | see graph | PASS    |
| 25      | 15        | 10              | 398000 | 1910.0     | DFT-s-OFDM QPSK | 1@51  | see graph | PASS    |
| 25      | 15        | 10              | 398000 | 1910.0     | DFT-s-OFDM BPSK | 50@0  | see graph | PASS    |
| 25      | 15        | 10              | 398000 | 1910.0     | DFT-s-OFDM QPSK | 50@0  | see graph | PASS    |
| 25      | 15        | 20              | 388000 | 1860.0     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 25      | 15        | 20              | 388000 | 1860.0     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 25      | 15        | 20              | 388000 | 1860.0     | DFT-s-OFDM BPSK | 100@0 | see graph | PASS    |
| 25      | 15        | 20              | 388000 | 1860.0     | DFT-s-OFDM QPSK | 100@0 | see graph | PASS    |
| 25      | 15        | 20              | 397000 | 1905.0     | DFT-s-OFDM BPSK | 1@105 | see graph | PASS    |
| 25      | 15        | 20              | 397000 | 1905.0     | DFT-s-OFDM QPSK | 1@105 | see graph | PASS    |
| 25      | 15        | 20              | 397000 | 1905.0     | DFT-s-OFDM BPSK | 100@0 | see graph | PASS    |
| 25      | 15        | 20              | 397000 | 1905.0     | DFT-s-OFDM QPSK | 100@0 | see graph | PASS    |



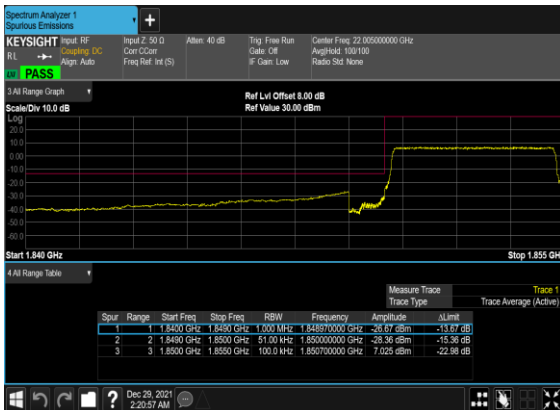
B12\_N25(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



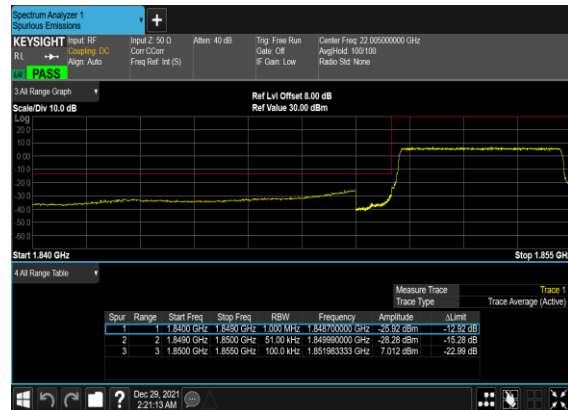
B12\_N25(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B12\_N25(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

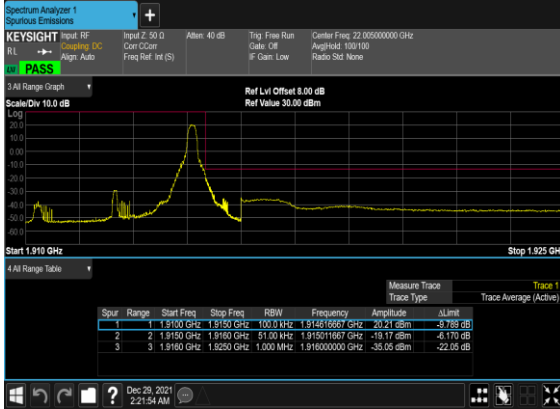


B12\_N25(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH

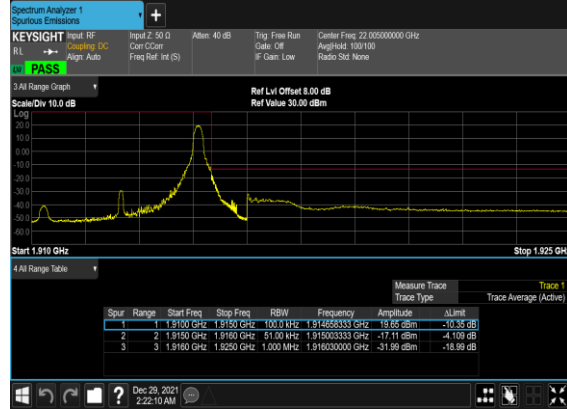




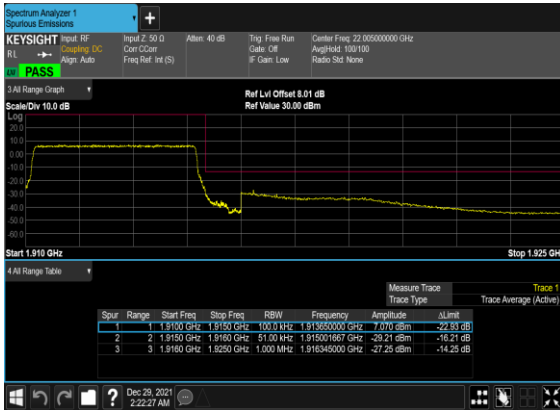
B12\_N25(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



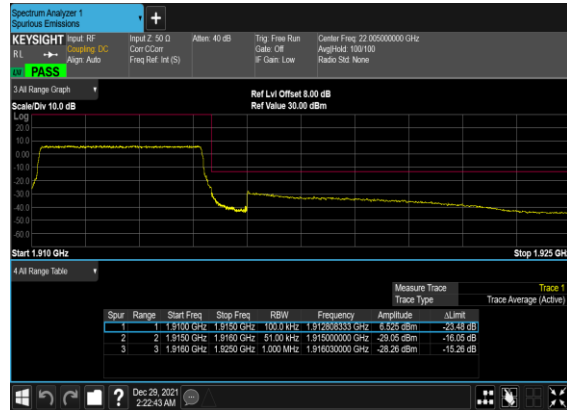
B12\_N25(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



B12\_N25(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH

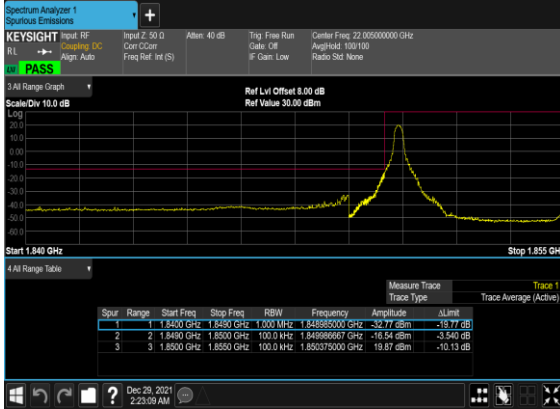


B12\_N25(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH

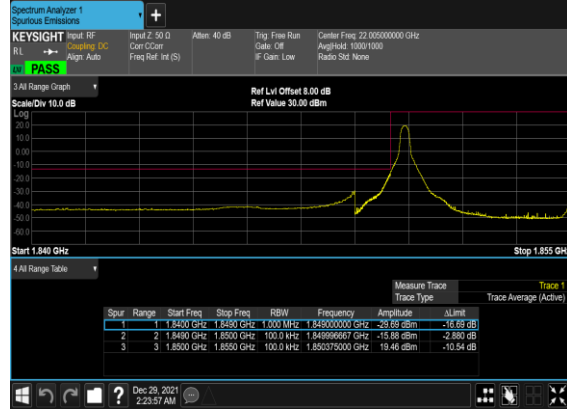




B12\_N25(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



B12\_N25(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B12\_N25(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

