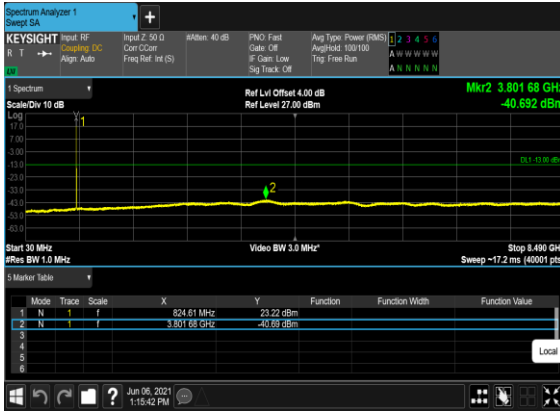
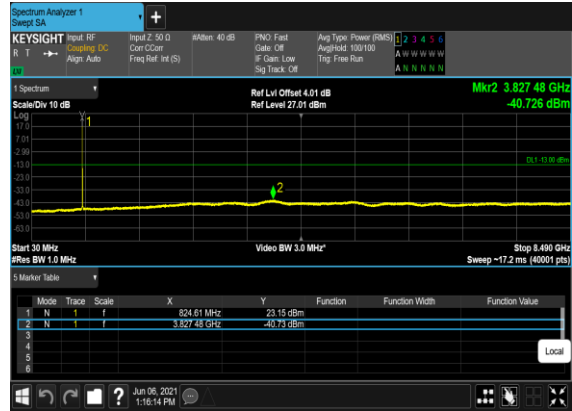


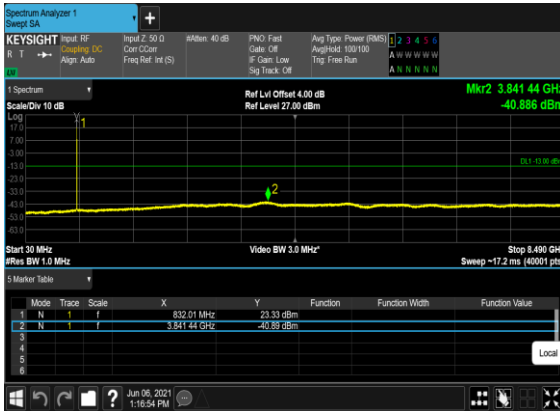
### B7\_N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### B7\_N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



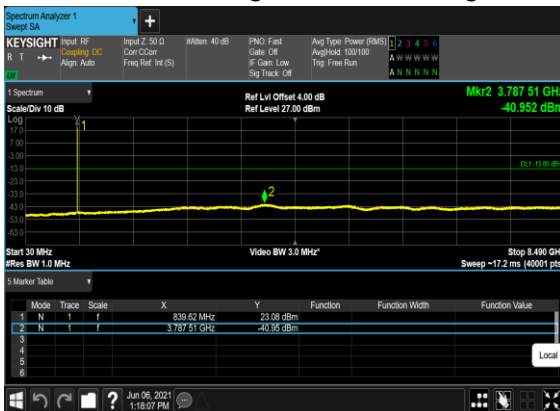
### B7\_N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



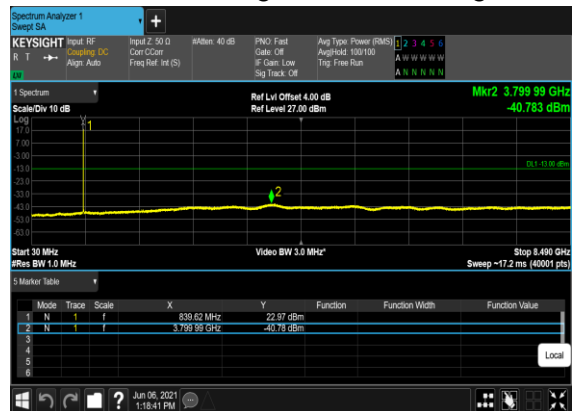
### B7\_N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### B7\_N5(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### B7\_N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



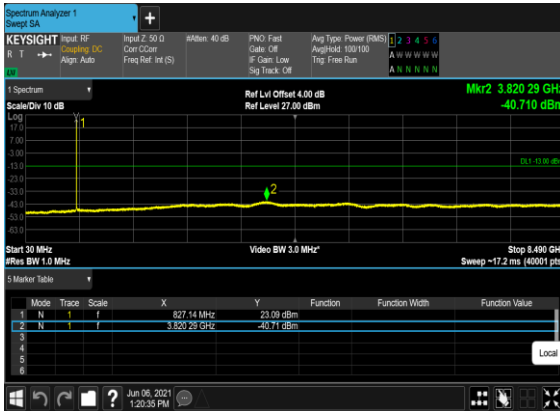
B7\_N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



B7\_N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



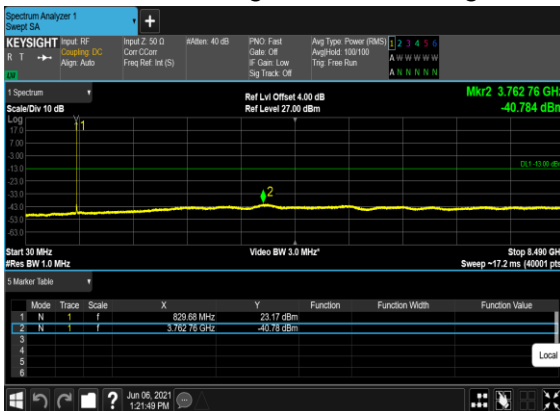
B7\_N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



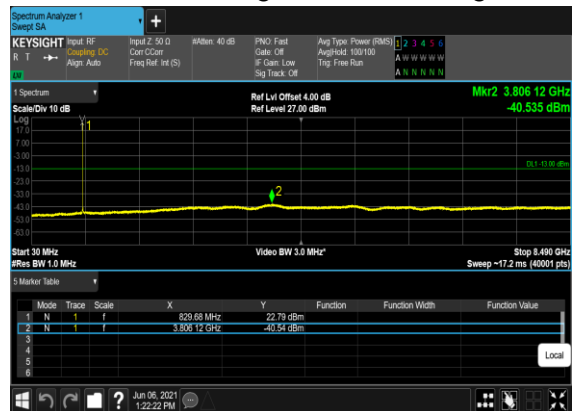
B7\_N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



B7\_N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



B7\_N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



## Conducted Band Edge

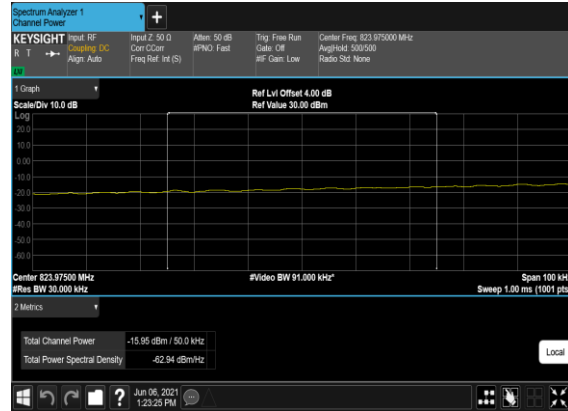
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 5       | 15        | 5               | 174300 | 826.5      | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 5       | 15        | 5               | 174300 | 826.5      | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 5       | 15        | 5               | 174300 | 826.5      | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 5       | 15        | 5               | 174300 | 826.5      | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 5       | 15        | 5               | 178300 | 846.5      | DFT-s-OFDM BPSK | 1@24  | see graph | PASS    |
| 5       | 15        | 5               | 178300 | 846.5      | DFT-s-OFDM QPSK | 1@24  | see graph | PASS    |
| 5       | 15        | 5               | 178300 | 846.5      | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 5       | 15        | 5               | 178300 | 846.5      | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 5       | 15        | 10              | 174800 | 829.0      | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 5       | 15        | 10              | 174800 | 829.0      | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 5       | 15        | 10              | 174800 | 829.0      | DFT-s-OFDM BPSK | 50@0  | see graph | PASS    |
| 5       | 15        | 10              | 174800 | 829.0      | DFT-s-OFDM QPSK | 50@0  | see graph | PASS    |
| 5       | 15        | 10              | 177800 | 844.0      | DFT-s-OFDM BPSK | 1@51  | see graph | PASS    |
| 5       | 15        | 10              | 177800 | 844.0      | DFT-s-OFDM QPSK | 1@51  | see graph | PASS    |
| 5       | 15        | 10              | 177800 | 844.0      | DFT-s-OFDM BPSK | 50@0  | see graph | PASS    |
| 5       | 15        | 10              | 177800 | 844.0      | DFT-s-OFDM QPSK | 50@0  | see graph | PASS    |
| 5       | 15        | 20              | 175800 | 834.0      | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 5       | 15        | 20              | 175800 | 834.0      | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 5       | 15        | 20              | 175800 | 834.0      | DFT-s-OFDM BPSK | 100@0 | see graph | PASS    |
| 5       | 15        | 20              | 175800 | 834.0      | DFT-s-OFDM QPSK | 100@0 | see graph | PASS    |
| 5       | 15        | 20              | 176800 | 839.0      | DFT-s-OFDM BPSK | 1@105 | see graph | PASS    |
| 5       | 15        | 20              | 176800 | 839.0      | DFT-s-OFDM QPSK | 1@105 | see graph | PASS    |

|   |    |    |        |       |                    |       |           |      |
|---|----|----|--------|-------|--------------------|-------|-----------|------|
| 5 | 15 | 20 | 176800 | 839.0 | DFT-s-OFDM<br>BPSK | 100@0 | see graph | PASS |
| 5 | 15 | 20 | 176800 | 839.0 | DFT-s-OFDM<br>QPSK | 100@0 | see graph | PASS |

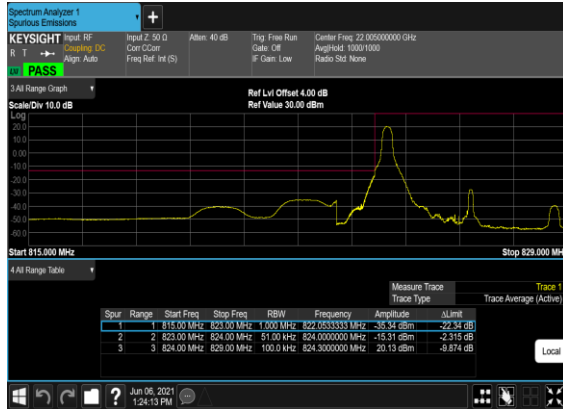
### B7\_N5(5M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



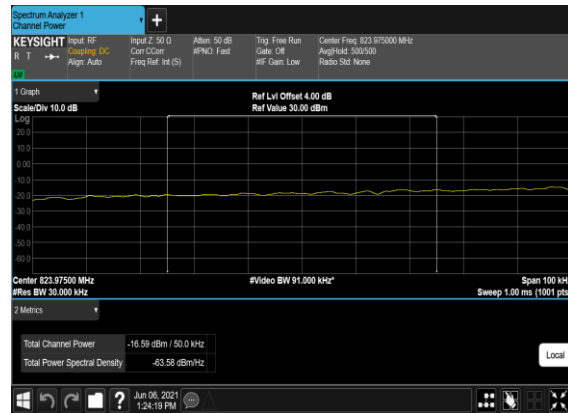
### B7\_N5(5M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_ PASS



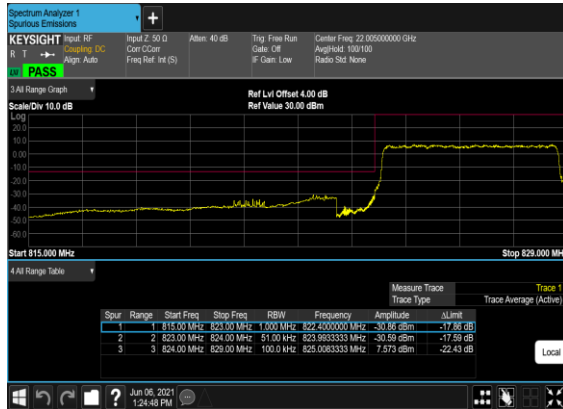
### B7\_N5(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



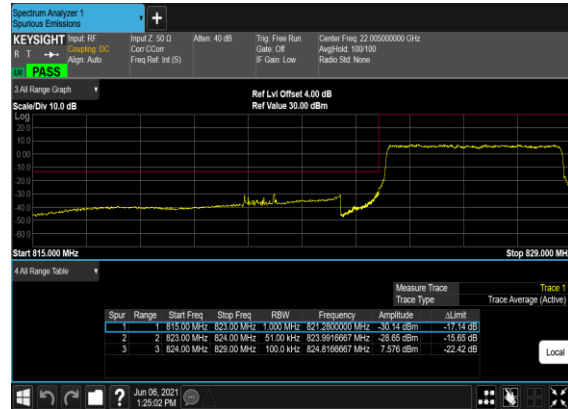
### B7\_N5(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_ PASS



### B7\_N5(5M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_Low\_CH



### B7\_N5(5M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Low\_CH



B7\_N5(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



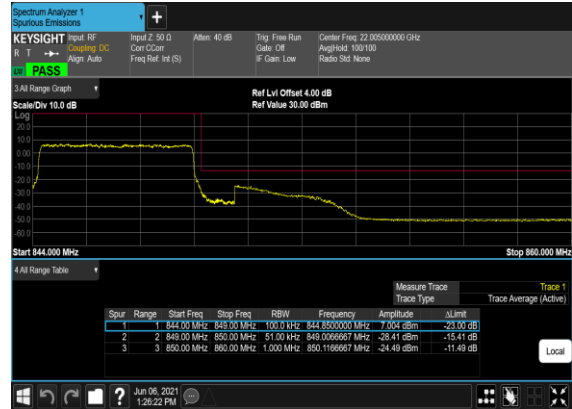
B7\_N5(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



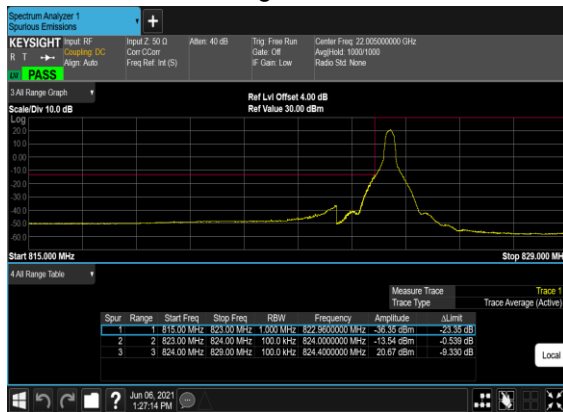
B7\_N5(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



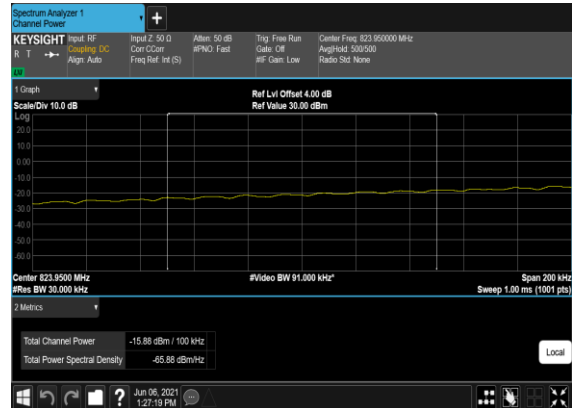
B7\_N5(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



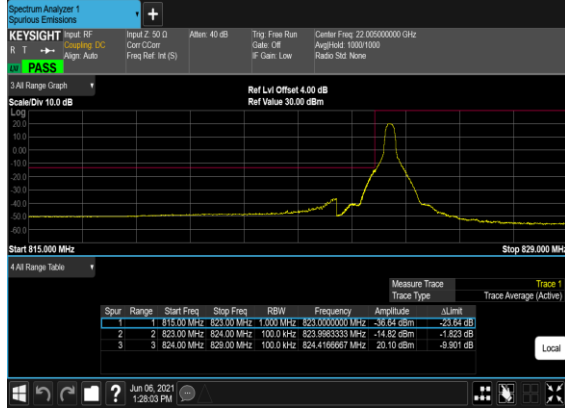
B7\_N5(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



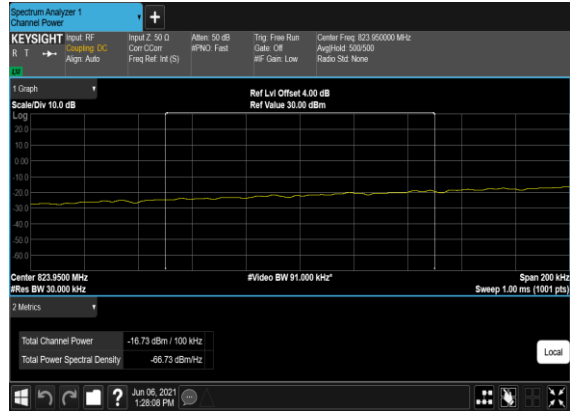
B7\_N5(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_ PASS



B7\_N5(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



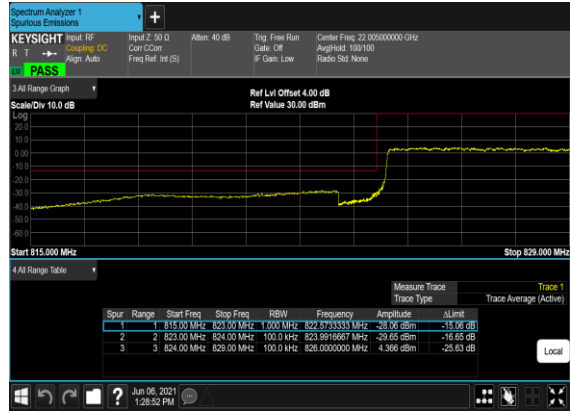
B7\_N5(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP  
\_PASS



B7\_N5(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



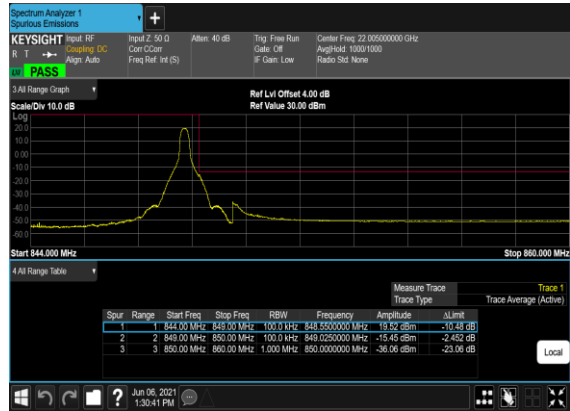
B7\_N5(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



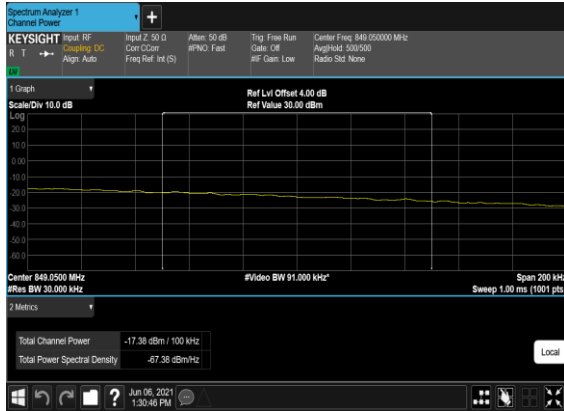
B7\_N5(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



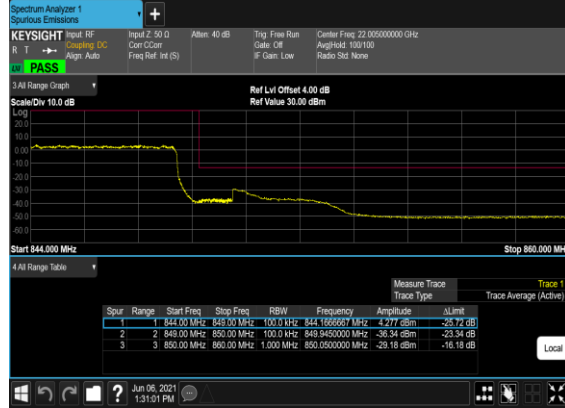
B7\_N5(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



B7\_N5(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_PASS



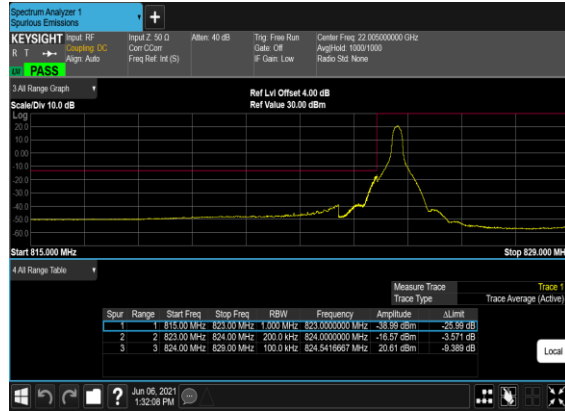
B7\_N5(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



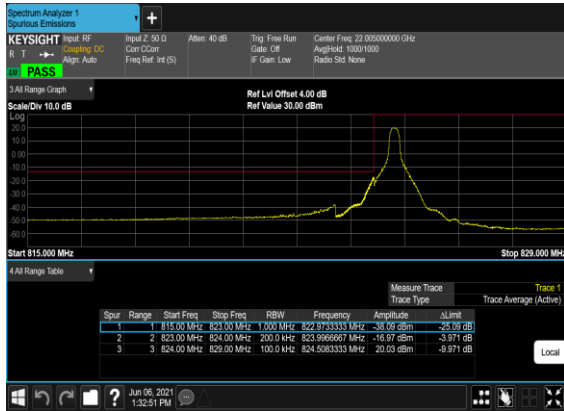
B7\_N5(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



B7\_N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



B7\_N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



B7\_N5(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH

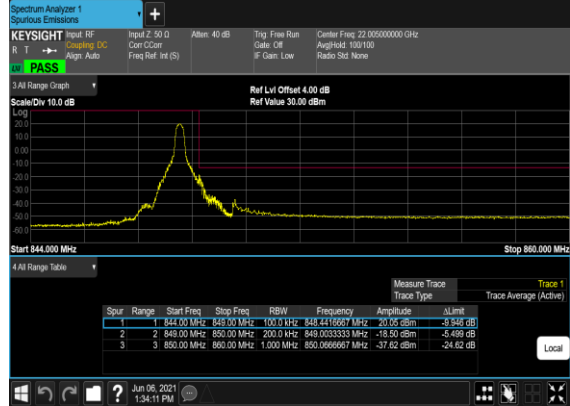




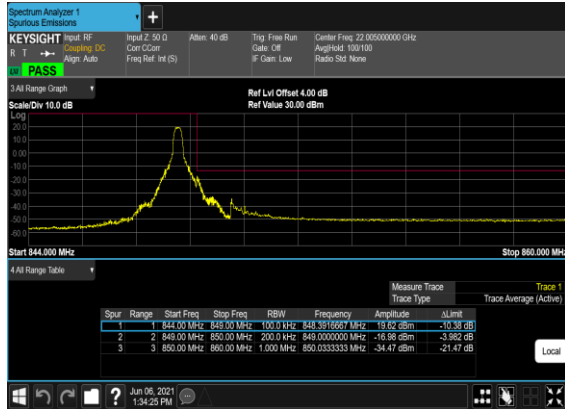
### B7\_N5(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



### B7\_N5(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



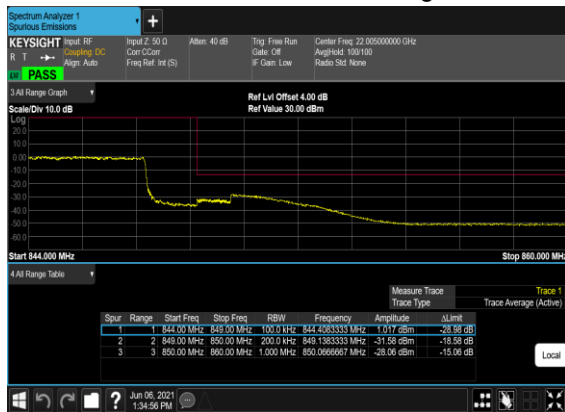
### B7\_N5(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



### B7\_N5(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



### B7\_N5(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



# FR1 N25 SA

## Transmitter Conducted Output Power And ERP/EIRP, ( $G_T - L_C$ )=0.65dB

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation           | RB   | Conducted Power(dBm) | EIRP (dBm) | EIRP (W) |
|---------|-----------|-----------------|--------|------------|----------------------|------|----------------------|------------|----------|
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM PI/2 BPSK | 12@6 | 23.51                | 24.16      | 0.2606   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM PI/2 BPSK | 1@1  | 23.57                | 24.22      | 0.2642   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM PI/2 BPSK | 1@23 | 23.52                | 24.17      | 0.2612   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM QPSK      | 12@6 | 23.49                | 24.14      | 0.2594   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM QPSK      | 1@1  | 23.47                | 24.12      | 0.2582   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM QPSK      | 1@23 | 23.7                 | 24.35      | 0.2723   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM 16 QAM    | 12@6 | 22.42                | 23.07      | 0.2028   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM 16 QAM    | 1@1  | 22.74                | 23.39      | 0.2183   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM 16 QAM    | 1@23 | 22.66                | 23.31      | 0.2143   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM 64 QAM    | 12@6 | 21.08                | 21.73      | 0.1489   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM 64 QAM    | 1@1  | 21.21                | 21.86      | 0.1535   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM 64 QAM    | 1@23 | 21.21                | 21.86      | 0.1535   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM 256 QAM   | 12@6 | 18.92                | 19.57      | 0.0906   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM 256 QAM   | 1@1  | 18.66                | 19.31      | 0.0853   |
| 25      | 15        | 5               | 386500 | 1852.5     | DFT-s-OFDM 256 QAM   | 1@23 | 18.77                | 19.42      | 0.0875   |
| 25      | 15        | 5               | 386500 | 1852.5     | CP-OFDM QPSK         | 13@6 | 22.07                | 22.72      | 0.1871   |
| 25      | 15        | 5               | 386500 | 1852.5     | CP-OFDM QPSK         | 1@1  | 22.21                | 22.86      | 0.1932   |
| 25      | 15        | 5               | 386500 | 1852.5     | CP-OFDM QPSK         | 1@23 | 22.14                | 22.79      | 0.1901   |
| 25      | 15        | 5               | 392500 | 1882.5     | DFT-s-OFDM PI/2 BPSK | 12@6 | 23.42                | 24.07      | 0.2553   |

|    |    |   |        |        |                      |      |       |       |        |
|----|----|---|--------|--------|----------------------|------|-------|-------|--------|
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1  | 23.44 | 24.09 | 0.2564 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@23 | 23.33 | 23.98 | 0.2500 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 12@6 | 23.39 | 24.04 | 0.2535 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@1  | 23.4  | 24.05 | 0.2541 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@23 | 23.52 | 24.17 | 0.2612 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 12@6 | 22.26 | 22.91 | 0.1954 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@1  | 22.61 | 23.26 | 0.2118 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@23 | 22.52 | 23.17 | 0.2075 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 12@6 | 20.92 | 21.57 | 0.1435 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@1  | 21.11 | 21.76 | 0.1500 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@23 | 21.08 | 21.73 | 0.1489 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 12@6 | 18.73 | 19.38 | 0.0867 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@1  | 18.71 | 19.36 | 0.0863 |
| 25 | 15 | 5 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@23 | 18.68 | 19.33 | 0.0857 |
| 25 | 15 | 5 | 392500 | 1882.5 | CP-OFDM QPSK         | 13@6 | 21.93 | 22.58 | 0.1811 |
| 25 | 15 | 5 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@1  | 21.74 | 22.39 | 0.1734 |
| 25 | 15 | 5 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@23 | 21.77 | 22.42 | 0.1746 |
| 25 | 15 | 5 | 398500 | 1912.5 | DFT-s-OFDM PI/2 BPSK | 12@6 | 23.61 | 24.26 | 0.2667 |
| 25 | 15 | 5 | 398500 | 1912.5 | DFT-s-OFDM PI/2 BPSK | 1@1  | 23.47 | 24.12 | 0.2582 |
| 25 | 15 | 5 | 398500 | 1912.5 | DFT-s-OFDM PI/2 BPSK | 1@23 | 23.51 | 24.16 | 0.2606 |
| 25 | 15 | 5 | 398500 | 1912.5 | DFT-s-OFDM QPSK      | 12@6 | 23.52 | 24.17 | 0.2612 |
| 25 | 15 | 5 | 398500 | 1912.5 | DFT-s-OFDM QPSK      | 1@1  | 23.64 | 24.29 | 0.2685 |
| 25 | 15 | 5 | 398500 | 1912.5 | DFT-s-OFDM QPSK      | 1@23 | 23.42 | 24.07 | 0.2553 |
| 25 | 15 | 5 | 398500 | 1912.5 | DFT-s-OFDM 16 QAM    | 12@6 | 22.46 | 23.11 | 0.2046 |

|    |    |    |        |        |                      |       |       |       |        |
|----|----|----|--------|--------|----------------------|-------|-------|-------|--------|
| 25 | 15 | 5  | 398500 | 1912.5 | DFT-s-OFDM 16 QAM    | 1@1   | 22.61 | 23.26 | 0.2118 |
| 25 | 15 | 5  | 398500 | 1912.5 | DFT-s-OFDM 16 QAM    | 1@23  | 22.62 | 23.27 | 0.2123 |
| 25 | 15 | 5  | 398500 | 1912.5 | DFT-s-OFDM 64 QAM    | 12@6  | 21.08 | 21.73 | 0.1489 |
| 25 | 15 | 5  | 398500 | 1912.5 | DFT-s-OFDM 64 QAM    | 1@1   | 21.23 | 21.88 | 0.1542 |
| 25 | 15 | 5  | 398500 | 1912.5 | DFT-s-OFDM 64 QAM    | 1@23  | 21.29 | 21.94 | 0.1563 |
| 25 | 15 | 5  | 398500 | 1912.5 | DFT-s-OFDM 256 QAM   | 12@6  | 18.9  | 19.55 | 0.0902 |
| 25 | 15 | 5  | 398500 | 1912.5 | DFT-s-OFDM 256 QAM   | 1@1   | 18.78 | 19.43 | 0.0877 |
| 25 | 15 | 5  | 398500 | 1912.5 | DFT-s-OFDM 256 QAM   | 1@23  | 18.72 | 19.37 | 0.0865 |
| 25 | 15 | 5  | 398500 | 1912.5 | CP-OFDM QPSK         | 13@6  | 22.1  | 22.75 | 0.1884 |
| 25 | 15 | 5  | 398500 | 1912.5 | CP-OFDM QPSK         | 1@1   | 21.69 | 22.34 | 0.1714 |
| 25 | 15 | 5  | 398500 | 1912.5 | CP-OFDM QPSK         | 1@23  | 21.68 | 22.33 | 0.1710 |
| 25 | 15 | 10 | 387000 | 1912.5 | DFT-s-OFDM PI/2 BPSK | 25@12 | 23.15 | 23.8  | 0.2399 |
| 25 | 15 | 10 | 387000 | 1912.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.2  | 23.85 | 0.2427 |
| 25 | 15 | 10 | 387000 | 1912.5 | DFT-s-OFDM PI/2 BPSK | 1@50  | 23.35 | 24    | 0.2512 |
| 25 | 15 | 10 | 387000 | 1912.5 | DFT-s-OFDM QPSK      | 25@12 | 22.52 | 23.17 | 0.2075 |
| 25 | 15 | 10 | 387000 | 1912.5 | DFT-s-OFDM QPSK      | 1@1   | 23.56 | 24.21 | 0.2636 |
| 25 | 15 | 10 | 387000 | 1912.5 | DFT-s-OFDM QPSK      | 1@50  | 23.44 | 24.09 | 0.2564 |
| 25 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM 16 QAM    | 25@12 | 21.58 | 22.23 | 0.1671 |
| 25 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM 16 QAM    | 1@1   | 22.65 | 23.3  | 0.2138 |
| 25 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM 16 QAM    | 1@50  | 22.76 | 23.41 | 0.2193 |
| 25 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM 64 QAM    | 25@12 | 21.03 | 21.68 | 0.1472 |
| 25 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM 64 QAM    | 1@1   | 21.13 | 21.78 | 0.1507 |
| 25 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM 64 QAM    | 1@50  | 21.16 | 21.81 | 0.1517 |
| 25 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM 256 QAM   | 25@12 | 18.9  | 19.55 | 0.0902 |

|    |    |    |        |        |                      |       |       |       |        |
|----|----|----|--------|--------|----------------------|-------|-------|-------|--------|
| 25 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM 256 QAM   | 1@1   | 18.74 | 19.39 | 0.0869 |
| 25 | 15 | 10 | 387000 | 1855.0 | DFT-s-OFDM 256 QAM   | 1@50  | 18.8  | 19.45 | 0.0881 |
| 25 | 15 | 10 | 387000 | 1855.0 | CP-OFDM QPSK         | 26@13 | 20.34 | 20.99 | 0.1256 |
| 25 | 15 | 10 | 387000 | 1855.0 | CP-OFDM QPSK         | 1@1   | 22.1  | 22.75 | 0.1884 |
| 25 | 15 | 10 | 387000 | 1855.0 | CP-OFDM QPSK         | 1@50  | 22.04 | 22.69 | 0.1858 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 25@12 | 23.36 | 24.01 | 0.2518 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.86 | 24.51 | 0.2825 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@50  | 23.88 | 24.53 | 0.2838 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 25@12 | 23.46 | 24.11 | 0.2576 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@1   | 23.86 | 24.51 | 0.2825 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@50  | 23.87 | 24.52 | 0.2831 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 25@12 | 22.4  | 23.05 | 0.2018 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@1   | 23.15 | 23.8  | 0.2399 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@50  | 23.19 | 23.84 | 0.2421 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 25@12 | 21.04 | 21.69 | 0.1476 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@1   | 21.61 | 22.26 | 0.1683 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@50  | 21.74 | 22.39 | 0.1734 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 25@12 | 18.75 | 19.4  | 0.0871 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@1   | 19.13 | 19.78 | 0.0951 |
| 25 | 15 | 10 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@50  | 19.14 | 19.79 | 0.0953 |
| 25 | 15 | 10 | 392500 | 1882.5 | CP-OFDM QPSK         | 26@13 | 21.92 | 22.57 | 0.1807 |
| 25 | 15 | 10 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@1   | 22.47 | 23.12 | 0.2051 |
| 25 | 15 | 10 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@50  | 22.51 | 23.16 | 0.2070 |
| 25 | 15 | 10 | 398000 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 25@12 | 23.56 | 24.21 | 0.2636 |

|    |    |    |        |        |                      |       |       |       |        |
|----|----|----|--------|--------|----------------------|-------|-------|-------|--------|
| 25 | 15 | 10 | 398000 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.83 | 24.48 | 0.2805 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM PI/2 BPSK | 1@50  | 23.56 | 24.21 | 0.2636 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM QPSK      | 25@12 | 23.61 | 24.26 | 0.2667 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM QPSK      | 1@1   | 23.62 | 24.27 | 0.2673 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM QPSK      | 1@50  | 23.31 | 23.96 | 0.2489 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM 16 QAM    | 25@12 | 23.15 | 23.8  | 0.2399 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM 16 QAM    | 1@1   | 22.64 | 23.29 | 0.2133 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM 16 QAM    | 1@50  | 22.75 | 23.4  | 0.2188 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM 64 QAM    | 25@12 | 21.23 | 21.88 | 0.1542 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM 64 QAM    | 1@1   | 21.2  | 21.85 | 0.1531 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM 64 QAM    | 1@50  | 21.27 | 21.92 | 0.1556 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM 256 QAM   | 25@12 | 18.95 | 19.6  | 0.0912 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM 256 QAM   | 1@1   | 19.28 | 19.93 | 0.0984 |
| 25 | 15 | 10 | 398000 | 1910.0 | DFT-s-OFDM 256 QAM   | 1@50  | 19.31 | 19.96 | 0.0991 |
| 25 | 15 | 10 | 398000 | 1910.0 | CP-OFDM QPSK         | 26@13 | 22.06 | 22.71 | 0.1866 |
| 25 | 15 | 10 | 398000 | 1910.0 | CP-OFDM QPSK         | 1@1   | 22.25 | 22.9  | 0.1950 |
| 25 | 15 | 10 | 398000 | 1910.0 | CP-OFDM QPSK         | 1@50  | 22.15 | 22.8  | 0.1905 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM PI/2 BPSK | 36@18 | 23.51 | 24.16 | 0.2606 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.75 | 24.4  | 0.2754 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM PI/2 BPSK | 1@77  | 23.56 | 24.21 | 0.2636 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM QPSK      | 36@18 | 23.44 | 24.09 | 0.2564 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM QPSK      | 1@1   | 23.76 | 24.41 | 0.2761 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM QPSK      | 1@77  | 23.67 | 24.32 | 0.2704 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM 16 QAM    | 36@18 | 22.47 | 23.12 | 0.2051 |

|    |    |    |        |        |                      |        |       |       |        |
|----|----|----|--------|--------|----------------------|--------|-------|-------|--------|
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM 16 QAM    | 1@1    | 22.86 | 23.51 | 0.2244 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM 16 QAM    | 1@77   | 22.94 | 23.59 | 0.2286 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM 64 QAM    | 36@18  | 20.97 | 21.62 | 0.1452 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM 64 QAM    | 1@1    | 21.4  | 22.05 | 0.1603 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM 64 QAM    | 1@77   | 21.46 | 22.11 | 0.1626 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM 256 QAM   | 36@18  | 18.78 | 19.43 | 0.0877 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM 256 QAM   | 1@1    | 18.97 | 19.62 | 0.0916 |
| 25 | 15 | 15 | 387500 | 1857.5 | DFT-s-OFDM 256 QAM   | 1@77   | 18.91 | 19.56 | 0.0904 |
| 25 | 15 | 15 | 387500 | 1857.5 | CP-OFDM QPSK         | 39@191 | 20.59 | 21.24 | 0.1330 |
| 25 | 15 | 15 | 387500 | 1857.5 | CP-OFDM QPSK         | 1@1    | 22.17 | 22.82 | 0.1914 |
| 25 | 15 | 15 | 387500 | 1857.5 | CP-OFDM QPSK         | 1@77   | 22.17 | 22.82 | 0.1914 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 36@18  | 23.29 | 23.94 | 0.2477 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1    | 23.6  | 24.25 | 0.2661 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@77   | 23.45 | 24.1  | 0.2570 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 36@18  | 23.52 | 24.17 | 0.2612 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@1    | 23.42 | 24.07 | 0.2553 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@77   | 23.84 | 24.49 | 0.2812 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 36@18  | 22.47 | 23.12 | 0.2051 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@1    | 22.75 | 23.4  | 0.2188 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@77   | 22.89 | 23.54 | 0.2259 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 36@18  | 20.98 | 21.63 | 0.1455 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@1    | 21.36 | 22.01 | 0.1589 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@77   | 21.32 | 21.97 | 0.1574 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 36@18  | 18.7  | 19.35 | 0.0861 |

|    |    |    |        |        |                      |        |       |       |        |
|----|----|----|--------|--------|----------------------|--------|-------|-------|--------|
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@1    | 18.86 | 19.51 | 0.0893 |
| 25 | 15 | 15 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@77   | 18.95 | 19.6  | 0.0912 |
| 25 | 15 | 15 | 392500 | 1882.5 | CP-OFDM QPSK         | 39@191 | 20.54 | 21.19 | 0.1315 |
| 25 | 15 | 15 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@1    | 21.82 | 22.47 | 0.1766 |
| 25 | 15 | 15 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@77   | 22.13 | 22.78 | 0.1897 |
| 25 | 15 | 15 | 397500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 36@18  | 23.39 | 24.04 | 0.2535 |
| 25 | 15 | 15 | 397500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1    | 23.61 | 24.26 | 0.2667 |
| 25 | 15 | 15 | 397500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@77   | 23.74 | 24.39 | 0.2748 |
| 25 | 15 | 15 | 397500 | 1907.5 | DFT-s-OFDM QPSK      | 36@18  | 23.39 | 24.04 | 0.2535 |
| 25 | 15 | 15 | 397500 | 1907.5 | DFT-s-OFDM QPSK      | 1@1    | 23.43 | 24.08 | 0.2559 |
| 25 | 15 | 15 | 397500 | 1907.5 | DFT-s-OFDM QPSK      | 1@77   | 23.14 | 23.79 | 0.2393 |
| 25 | 15 | 15 | 397500 | 1907.5 | DFT-s-OFDM 16 QAM    | 36@18  | 22.58 | 23.23 | 0.2104 |
| 25 | 15 | 15 | 397500 | 1907.5 | DFT-s-OFDM 16 QAM    | 1@1    | 22.6  | 23.25 | 0.2113 |
| 25 | 15 | 15 | 397500 | 1907.5 | DFT-s-OFDM 16 QAM    | 1@77   | 22.37 | 23.02 | 0.2004 |
| 25 | 15 | 15 | 397500 | 1907.5 | DFT-s-OFDM 64 QAM    | 36@18  | 21.03 | 21.68 | 0.1472 |
| 25 | 15 | 15 | 397500 | 1907.5 | DFT-s-OFDM 64 QAM    | 1@1    | 21.1  | 21.75 | 0.1496 |
| 25 | 15 | 15 | 397500 | 1907.5 | DFT-s-OFDM 64 QAM    | 1@77   | 21.13 | 21.78 | 0.1507 |
| 25 | 15 | 15 | 397500 | 1907.5 | DFT-s-OFDM 256 QAM   | 36@18  | 18.82 | 19.47 | 0.0885 |
| 25 | 15 | 15 | 397500 | 1907.5 | DFT-s-OFDM 256 QAM   | 1@1    | 19.01 | 19.66 | 0.0925 |
| 25 | 15 | 15 | 397500 | 1907.5 | DFT-s-OFDM 256 QAM   | 1@77   | 18.94 | 19.59 | 0.0910 |
| 25 | 15 | 15 | 397500 | 1907.5 | CP-OFDM QPSK         | 39@191 | 20.46 | 21.11 | 0.1291 |
| 25 | 15 | 15 | 397500 | 1907.5 | CP-OFDM QPSK         | 1@1    | 21.69 | 22.34 | 0.1714 |
| 25 | 15 | 15 | 397500 | 1907.5 | CP-OFDM QPSK         | 1@77   | 21.77 | 22.42 | 0.1746 |
| 25 | 15 | 20 | 388000 | 1907.5 | DFT-s-OFDM PI/2 BPSK | 50@25  | 23.01 | 23.66 | 0.2323 |



|    |    |    |        |        |                      |       |       |       |        |
|----|----|----|--------|--------|----------------------|-------|-------|-------|--------|
| 25 | 15 | 20 | 388000 | 1907.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.39 | 24.04 | 0.2535 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.73 | 24.38 | 0.2742 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM QPSK      | 50@25 | 23.45 | 24.1  | 0.2570 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM QPSK      | 1@1   | 23.56 | 24.21 | 0.2636 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM QPSK      | 1@104 | 23.45 | 24.1  | 0.2570 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM 16 QAM    | 50@25 | 22.49 | 23.14 | 0.2061 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM 16 QAM    | 1@1   | 22.58 | 23.23 | 0.2104 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM 16 QAM    | 1@104 | 22.38 | 23.03 | 0.2009 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM 64 QAM    | 50@25 | 20.97 | 21.62 | 0.1452 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM 64 QAM    | 1@1   | 20.93 | 21.58 | 0.1439 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM 64 QAM    | 1@104 | 21.03 | 21.68 | 0.1472 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM 256 QAM   | 50@25 | 18.93 | 19.58 | 0.0908 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM 256 QAM   | 1@1   | 19.31 | 19.96 | 0.0991 |
| 25 | 15 | 20 | 388000 | 1860.0 | DFT-s-OFDM 256 QAM   | 1@104 | 19.14 | 19.79 | 0.0953 |
| 25 | 15 | 20 | 388000 | 1860.0 | CP-OFDM QPSK         | 53@26 | 21.97 | 22.62 | 0.1828 |
| 25 | 15 | 20 | 388000 | 1860.0 | CP-OFDM QPSK         | 1@1   | 21.66 | 22.31 | 0.1702 |
| 25 | 15 | 20 | 388000 | 1860.0 | CP-OFDM QPSK         | 1@104 | 21.75 | 22.4  | 0.1738 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 50@25 | 23.3  | 23.95 | 0.2483 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.23 | 23.88 | 0.2443 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.78 | 24.43 | 0.2773 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 50@25 | 23.5  | 24.15 | 0.2600 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@1   | 22.75 | 23.4  | 0.2188 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@104 | 23.46 | 24.11 | 0.2576 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 50@25 | 22.46 | 23.11 | 0.2046 |

|    |    |    |        |        |                      |       |       |       |        |
|----|----|----|--------|--------|----------------------|-------|-------|-------|--------|
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@1   | 22.07 | 22.72 | 0.1871 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@104 | 22.48 | 23.13 | 0.2056 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 50@25 | 21.03 | 21.68 | 0.1472 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@1   | 20.84 | 21.49 | 0.1409 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@104 | 21.02 | 21.67 | 0.1469 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 50@25 | 18.75 | 19.4  | 0.0871 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@1   | 19.19 | 19.84 | 0.0964 |
| 25 | 15 | 20 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@104 | 19.11 | 19.76 | 0.0946 |
| 25 | 15 | 20 | 392500 | 1882.5 | CP-OFDM QPSK         | 53@26 | 21.92 | 22.57 | 0.1807 |
| 25 | 15 | 20 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@1   | 21.42 | 22.07 | 0.1611 |
| 25 | 15 | 20 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@104 | 21.81 | 22.46 | 0.1762 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM PI/2 BPSK | 50@25 | 23.43 | 24.08 | 0.2559 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.43 | 24.08 | 0.2559 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.15 | 23.8  | 0.2399 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM QPSK      | 50@25 | 23.56 | 24.21 | 0.2636 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM QPSK      | 1@1   | 23.57 | 24.22 | 0.2642 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM QPSK      | 1@104 | 23.18 | 23.83 | 0.2415 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM 16 QAM    | 50@25 | 22.52 | 23.17 | 0.2075 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM 16 QAM    | 1@1   | 22.5  | 23.15 | 0.2065 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM 16 QAM    | 1@104 | 22.4  | 23.05 | 0.2018 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM 64 QAM    | 50@25 | 21.08 | 21.73 | 0.1489 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM 64 QAM    | 1@1   | 21.11 | 21.76 | 0.1500 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM 64 QAM    | 1@104 | 21.17 | 21.82 | 0.1521 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM 256 QAM   | 50@25 | 18.88 | 19.53 | 0.0897 |

|    |    |    |        |        |                      |       |       |       |        |
|----|----|----|--------|--------|----------------------|-------|-------|-------|--------|
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM 256 QAM   | 1@1   | 19.34 | 19.99 | 0.0998 |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM 256 QAM   | 1@104 | 19.19 | 19.84 | 0.0964 |
| 25 | 15 | 20 | 397000 | 1905.0 | CP-OFDM QPSK         | 53@26 | 22.04 | 22.69 | 0.1858 |
| 25 | 15 | 20 | 397000 | 1905.0 | CP-OFDM QPSK         | 1@1   | 21.99 | 22.64 | 0.1837 |
| 25 | 15 | 20 | 397000 | 1905.0 | CP-OFDM QPSK         | 1@104 | 21.98 | 22.63 | 0.1832 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM PI/2 BPSK | 64@32 | 23.47 | 24.12 | 0.2582 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.48 | 24.13 | 0.2588 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM PI/2 BPSK | 1@131 | 23.35 | 24    | 0.2512 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM QPSK      | 64@32 | 23.49 | 24.14 | 0.2594 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM QPSK      | 1@1   | 23.67 | 24.32 | 0.2704 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM QPSK      | 1@131 | 22.66 | 23.31 | 0.2143 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM 16 QAM    | 64@32 | 22.5  | 23.15 | 0.2065 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM 16 QAM    | 1@1   | 22.67 | 23.32 | 0.2148 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM 16 QAM    | 1@131 | 21.15 | 21.8  | 0.1514 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM 64 QAM    | 64@32 | 21.06 | 21.71 | 0.1483 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM 64 QAM    | 1@1   | 21.15 | 21.8  | 0.1514 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM 64 QAM    | 1@131 | 20.92 | 21.57 | 0.1435 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM 256 QAM   | 64@32 | 18.88 | 19.53 | 0.0897 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM 256 QAM   | 1@1   | 18.78 | 19.43 | 0.0877 |
| 25 | 15 | 25 | 388500 | 1862.5 | DFT-s-OFDM 256 QAM   | 1@131 | 18.78 | 19.43 | 0.0877 |
| 25 | 15 | 25 | 388500 | 1862.5 | CP-OFDM QPSK         | 67@33 | 22.06 | 22.71 | 0.1866 |
| 25 | 15 | 25 | 388500 | 1862.5 | CP-OFDM QPSK         | 1@1   | 22.08 | 22.73 | 0.1875 |
| 25 | 15 | 25 | 388500 | 1862.5 | CP-OFDM QPSK         | 1@131 | 21.64 | 22.29 | 0.1694 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 64@32 | 23.41 | 24.06 | 0.2547 |

|    |    |    |        |        |                      |       |       |       |        |
|----|----|----|--------|--------|----------------------|-------|-------|-------|--------|
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.4  | 24.05 | 0.2541 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@131 | 23.5  | 24.15 | 0.2600 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 64@32 | 23.47 | 24.12 | 0.2582 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@1   | 22.63 | 23.28 | 0.2128 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@131 | 23.67 | 24.32 | 0.2704 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 64@32 | 22.39 | 23.04 | 0.2014 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@1   | 22.22 | 22.87 | 0.1936 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@131 | 22.73 | 23.38 | 0.2178 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 64@32 | 21.01 | 21.66 | 0.1466 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@1   | 20.92 | 21.57 | 0.1435 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@131 | 21.19 | 21.84 | 0.1528 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 64@32 | 18.86 | 19.51 | 0.0893 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@1   | 18.65 | 19.3  | 0.0851 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@131 | 18.77 | 19.42 | 0.0875 |
| 25 | 15 | 25 | 392500 | 1882.5 | CP-OFDM QPSK         | 67@33 | 21.97 | 22.62 | 0.1828 |
| 25 | 15 | 25 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@1   | 21.61 | 22.26 | 0.1683 |
| 25 | 15 | 25 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@131 | 21.75 | 22.4  | 0.1738 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM PI/2 BPSK | 64@32 | 23.56 | 24.21 | 0.2636 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.46 | 24.11 | 0.2576 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM PI/2 BPSK | 1@131 | 23.51 | 24.16 | 0.2606 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM QPSK      | 64@32 | 23.6  | 24.25 | 0.2661 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM QPSK      | 1@1   | 23.51 | 24.16 | 0.2606 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM QPSK      | 1@131 | 23.65 | 24.3  | 0.2692 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM 16 QAM    | 64@32 | 22.48 | 23.13 | 0.2056 |

|    |    |    |        |        |                      |       |       |       |        |
|----|----|----|--------|--------|----------------------|-------|-------|-------|--------|
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM 16 QAM    | 1@1   | 22.73 | 23.38 | 0.2178 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM 16 QAM    | 1@131 | 22.41 | 23.06 | 0.2023 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM 64 QAM    | 64@32 | 21.16 | 21.81 | 0.1517 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM 64 QAM    | 1@1   | 21.14 | 21.79 | 0.1510 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM 64 QAM    | 1@131 | 21.12 | 21.77 | 0.1503 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM 256 QAM   | 64@32 | 18.97 | 19.62 | 0.0916 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM 256 QAM   | 1@1   | 18.72 | 19.37 | 0.0865 |
| 25 | 15 | 25 | 396500 | 1902.5 | DFT-s-OFDM 256 QAM   | 1@131 | 18.82 | 19.47 | 0.0885 |
| 25 | 15 | 25 | 396500 | 1902.5 | CP-OFDM QPSK         | 67@33 | 22.13 | 22.78 | 0.1897 |
| 25 | 15 | 25 | 396500 | 1902.5 | CP-OFDM QPSK         | 1@1   | 21.83 | 22.48 | 0.1770 |
| 25 | 15 | 25 | 396500 | 1902.5 | CP-OFDM QPSK         | 1@131 | 21.62 | 22.27 | 0.1687 |
| 25 | 15 | 30 | 389000 | 1902.5 | DFT-s-OFDM PI/2 BPSK | 80@40 | 23.08 | 23.73 | 0.2360 |
| 25 | 15 | 30 | 389000 | 1902.5 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.05 | 23.7  | 0.2344 |
| 25 | 15 | 30 | 389000 | 1902.5 | DFT-s-OFDM PI/2 BPSK | 1@158 | 23.33 | 23.98 | 0.2500 |
| 25 | 15 | 30 | 389000 | 1865.0 | DFT-s-OFDM QPSK      | 80@40 | 23.52 | 24.17 | 0.2612 |
| 25 | 15 | 30 | 389000 | 1865.0 | DFT-s-OFDM QPSK      | 1@1   | 23.56 | 24.21 | 0.2636 |
| 25 | 15 | 30 | 389000 | 1865.0 | DFT-s-OFDM QPSK      | 1@158 | 23.41 | 24.06 | 0.2547 |
| 25 | 15 | 30 | 389000 | 1865.0 | DFT-s-OFDM 16 QAM    | 80@40 | 22.49 | 23.14 | 0.2061 |
| 25 | 15 | 30 | 389000 | 1865.0 | DFT-s-OFDM 16 QAM    | 1@1   | 22.72 | 23.37 | 0.2173 |
| 25 | 15 | 30 | 389000 | 1865.0 | DFT-s-OFDM 16 QAM    | 1@158 | 22.61 | 23.26 | 0.2118 |
| 25 | 15 | 30 | 389000 | 1865.0 | DFT-s-OFDM 64 QAM    | 80@40 | 21    | 21.65 | 0.1462 |
| 25 | 15 | 30 | 389000 | 1865.0 | DFT-s-OFDM 64 QAM    | 1@1   | 21.18 | 21.83 | 0.1524 |
| 25 | 15 | 30 | 389000 | 1865.0 | DFT-s-OFDM 64 QAM    | 1@158 | 21.09 | 21.74 | 0.1493 |
| 25 | 15 | 30 | 389000 | 1865.0 | DFT-s-OFDM 256 QAM   | 80@40 | 18.96 | 19.61 | 0.0914 |

|    |    |    |        |        |                      |       |       |       |        |
|----|----|----|--------|--------|----------------------|-------|-------|-------|--------|
| 25 | 15 | 30 | 389000 | 1865.0 | DFT-s-OFDM 256 QAM   | 1@1   | 18.81 | 19.46 | 0.0883 |
| 25 | 15 | 30 | 389000 | 1865.0 | DFT-s-OFDM 256 QAM   | 1@158 | 18.78 | 19.43 | 0.0877 |
| 25 | 15 | 30 | 389000 | 1865.0 | CP-OFDM QPSK         | 80@40 | 21.94 | 22.59 | 0.1816 |
| 25 | 15 | 30 | 389000 | 1865.0 | CP-OFDM QPSK         | 1@1   | 21.79 | 22.44 | 0.1754 |
| 25 | 15 | 30 | 389000 | 1865.0 | CP-OFDM QPSK         | 1@158 | 21.88 | 22.53 | 0.1791 |
| 25 | 15 | 30 | 392500 | 1865.0 | DFT-s-OFDM PI/2 BPSK | 80@40 | 23.59 | 24.24 | 0.2655 |
| 25 | 15 | 30 | 392500 | 1865.0 | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.46 | 24.11 | 0.2576 |
| 25 | 15 | 30 | 392500 | 1865.0 | DFT-s-OFDM PI/2 BPSK | 1@158 | 23.44 | 24.09 | 0.2564 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 80@40 | 23.46 | 24.11 | 0.2576 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@1   | 23.15 | 23.8  | 0.2399 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@158 | 23.52 | 24.17 | 0.2612 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 80@40 | 22.52 | 23.17 | 0.2075 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@1   | 22.31 | 22.96 | 0.1977 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@158 | 22.74 | 23.39 | 0.2183 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 80@40 | 21.05 | 21.7  | 0.1479 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@1   | 21.09 | 21.74 | 0.1493 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@158 | 21.21 | 21.86 | 0.1535 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 80@40 | 18.83 | 19.48 | 0.0887 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@1   | 18.69 | 19.34 | 0.0859 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@158 | 18.81 | 19.46 | 0.0883 |
| 25 | 15 | 30 | 392500 | 1882.5 | CP-OFDM QPSK         | 80@40 | 22.01 | 22.66 | 0.1845 |
| 25 | 15 | 30 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@1   | 21.64 | 22.29 | 0.1694 |
| 25 | 15 | 30 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@158 | 21.95 | 22.6  | 0.1820 |
| 25 | 15 | 30 | 396000 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 80@40 | 23.46 | 24.11 | 0.2576 |

|    |    |    |        |        |                      |        |       |       |        |
|----|----|----|--------|--------|----------------------|--------|-------|-------|--------|
| 25 | 15 | 30 | 396000 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1    | 23.37 | 24.02 | 0.2523 |
| 25 | 15 | 30 | 396000 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@158  | 23.39 | 24.04 | 0.2535 |
| 25 | 15 | 30 | 396000 | 1900.0 | DFT-s-OFDM QPSK      | 80@40  | 23.5  | 24.15 | 0.2600 |
| 25 | 15 | 30 | 396000 | 1900.0 | DFT-s-OFDM QPSK      | 1@1    | 23.82 | 24.47 | 0.2799 |
| 25 | 15 | 30 | 396000 | 1900.0 | DFT-s-OFDM QPSK      | 1@158  | 23.69 | 24.34 | 0.2716 |
| 25 | 15 | 30 | 396000 | 1900.0 | DFT-s-OFDM 16 QAM    | 80@40  | 22.62 | 23.27 | 0.2123 |
| 25 | 15 | 30 | 396000 | 1900.0 | DFT-s-OFDM 16 QAM    | 1@1    | 22.5  | 23.15 | 0.2065 |
| 25 | 15 | 30 | 396000 | 1900.0 | DFT-s-OFDM 16 QAM    | 1@158  | 22.34 | 22.99 | 0.1991 |
| 25 | 15 | 30 | 396000 | 1900.0 | DFT-s-OFDM 64 QAM    | 80@40  | 21.18 | 21.83 | 0.1524 |
| 25 | 15 | 30 | 396000 | 1900.0 | DFT-s-OFDM 64 QAM    | 1@1    | 21.06 | 21.71 | 0.1483 |
| 25 | 15 | 30 | 396000 | 1900.0 | DFT-s-OFDM 64 QAM    | 1@158  | 21.06 | 21.71 | 0.1483 |
| 25 | 15 | 30 | 396000 | 1900.0 | DFT-s-OFDM 256 QAM   | 80@40  | 19.04 | 19.69 | 0.0931 |
| 25 | 15 | 30 | 396000 | 1900.0 | DFT-s-OFDM 256 QAM   | 1@1    | 18.62 | 19.27 | 0.0845 |
| 25 | 15 | 30 | 396000 | 1900.0 | DFT-s-OFDM 256 QAM   | 1@158  | 18.82 | 19.47 | 0.0885 |
| 25 | 15 | 30 | 396000 | 1900.0 | CP-OFDM QPSK         | 80@40  | 22.09 | 22.74 | 0.1879 |
| 25 | 15 | 30 | 396000 | 1900.0 | CP-OFDM QPSK         | 1@1    | 21.75 | 22.4  | 0.1738 |
| 25 | 15 | 30 | 396000 | 1900.0 | CP-OFDM QPSK         | 1@158  | 21.63 | 22.28 | 0.1690 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM PI/2 BPSK | 108@54 | 23.56 | 24.21 | 0.2636 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM PI/2 BPSK | 1@1    | 23.5  | 24.15 | 0.2600 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM PI/2 BPSK | 1@214  | 23.41 | 24.06 | 0.2547 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM QPSK      | 108@54 | 23.53 | 24.18 | 0.2618 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM QPSK      | 1@1    | 23.53 | 24.18 | 0.2618 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM QPSK      | 1@214  | 23.32 | 23.97 | 0.2495 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM 16 QAM    | 108@54 | 22.59 | 23.24 | 0.2109 |

|    |    |    |        |        |                      |        |       |       |        |
|----|----|----|--------|--------|----------------------|--------|-------|-------|--------|
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM 16 QAM    | 1@1    | 22.65 | 23.3  | 0.2138 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM 16 QAM    | 1@214  | 22.42 | 23.07 | 0.2028 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM 64 QAM    | 108@54 | 21.01 | 21.66 | 0.1466 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM 64 QAM    | 1@1    | 21.08 | 21.73 | 0.1489 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM 64 QAM    | 1@214  | 20.88 | 21.53 | 0.1422 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM 256 QAM   | 108@54 | 18.98 | 19.63 | 0.0918 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM 256 QAM   | 1@1    | 18.76 | 19.41 | 0.0873 |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM 256 QAM   | 1@214  | 18.85 | 19.5  | 0.0891 |
| 25 | 15 | 40 | 390000 | 1870.0 | CP-OFDM QPSK         | 108@54 | 21.97 | 22.62 | 0.1828 |
| 25 | 15 | 40 | 390000 | 1870.0 | CP-OFDM QPSK         | 1@1    | 21.8  | 22.45 | 0.1758 |
| 25 | 15 | 40 | 390000 | 1870.0 | CP-OFDM QPSK         | 1@214  | 21.88 | 22.53 | 0.1791 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 108@54 | 23.44 | 24.09 | 0.2564 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1    | 23.36 | 24.01 | 0.2518 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@214  | 23.51 | 24.16 | 0.2606 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 108@54 | 23.48 | 24.13 | 0.2588 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@1    | 23.59 | 24.24 | 0.2655 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 1@214  | 23.21 | 23.86 | 0.2432 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 108@54 | 22.52 | 23.17 | 0.2075 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@1    | 22.61 | 23.26 | 0.2118 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM 16 QAM    | 1@214  | 22.72 | 23.37 | 0.2173 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 108@54 | 21.06 | 21.71 | 0.1483 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@1    | 21.04 | 21.69 | 0.1476 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM 64 QAM    | 1@214  | 21.17 | 21.82 | 0.1521 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 108@54 | 18.86 | 19.51 | 0.0893 |



|    |    |    |        |        |                      |        |       |       |        |
|----|----|----|--------|--------|----------------------|--------|-------|-------|--------|
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@1    | 18.63 | 19.28 | 0.0847 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM 256 QAM   | 1@214  | 18.86 | 19.51 | 0.0893 |
| 25 | 15 | 40 | 392500 | 1882.5 | CP-OFDM QPSK         | 108@54 | 21.99 | 22.64 | 0.1837 |
| 25 | 15 | 40 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@1    | 21.63 | 22.28 | 0.1690 |
| 25 | 15 | 40 | 392500 | 1882.5 | CP-OFDM QPSK         | 1@214  | 21.87 | 22.52 | 0.1786 |
| 25 | 15 | 40 | 395000 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 108@54 | 23.49 | 24.14 | 0.2594 |
| 25 | 15 | 40 | 395000 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@1    | 23.89 | 24.54 | 0.2844 |
| 25 | 15 | 40 | 395000 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 1@214  | 23.51 | 24.16 | 0.2606 |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM QPSK      | 108@54 | 23.58 | 24.23 | 0.2649 |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM QPSK      | 1@1    | 23.03 | 23.68 | 0.2333 |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM QPSK      | 1@214  | 23.01 | 23.66 | 0.2323 |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM 16 QAM    | 108@54 | 22.6  | 23.25 | 0.2113 |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM 16 QAM    | 1@1    | 22.26 | 22.91 | 0.1954 |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM 16 QAM    | 1@214  | 22.32 | 22.97 | 0.1982 |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM 64 QAM    | 108@54 | 21.15 | 21.8  | 0.1514 |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM 64 QAM    | 1@1    | 21.04 | 21.69 | 0.1476 |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM 64 QAM    | 1@214  | 21.06 | 21.71 | 0.1483 |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM 256 QAM   | 108@54 | 18.87 | 19.52 | 0.0895 |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM 256 QAM   | 1@1    | 18.65 | 19.3  | 0.0851 |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM 256 QAM   | 1@214  | 18.9  | 19.55 | 0.0902 |
| 25 | 15 | 40 | 395000 | 1895.0 | CP-OFDM QPSK         | 108@54 | 22.05 | 22.7  | 0.1862 |
| 25 | 15 | 40 | 395000 | 1895.0 | CP-OFDM QPSK         | 1@1    | 21.9  | 22.55 | 0.1799 |
| 25 | 15 | 40 | 395000 | 1895.0 | CP-OFDM QPSK         | 1@214  | 21.42 | 22.07 | 0.1611 |

## Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------------|---------|-------------|
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.00341        | PASS    | NV          |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.00488        | PASS    | LV          |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.00694        | PASS    | HV          |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.00532        | PASS    | -30°C       |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.0047         | PASS    | -20°C       |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.00554        | PASS    | -10°C       |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.00698        | PASS    | 0°C         |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.00572        | PASS    | 10°C        |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.00452        | PASS    | 20°C        |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.00373        | PASS    | 30°C        |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.00415        | PASS    | 40°C        |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK | 100@0 | -0.00494        | 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              | 388000 | 1860.0     | DFT-s-OFDM PI/2 BPSK | 100@0 | 4.14        | 13         | PASS    |
| 25      | 15        | 20              | 388000 | 1860.0     | DFT-s-OFDM PI/2 BPSK | 1@0   | 3.75        | 13         | PASS    |
| 25      | 15        | 20              | 388000 | 1860.0     | DFT-s-OFDM QPSK      | 100@0 | 5.18        | 13         | PASS    |
| 25      | 15        | 20              | 388000 | 1860.0     | DFT-s-OFDM QPSK      | 1@0   | 5.36        | 13         | PASS    |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM PI/2 BPSK | 100@0 | 4.46        | 13         | PASS    |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM PI/2 BPSK | 1@0   | 3.53        | 13         | PASS    |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK      | 100@0 | 5.4         | 13         | PASS    |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK      | 1@0   | 4.77        | 13         | PASS    |
| 25      | 15        | 20              | 397000 | 1905.0     | DFT-s-OFDM PI/2 BPSK | 100@0 | 3.98        | 13         | PASS    |
| 25      | 15        | 20              | 397000 | 1905.0     | DFT-s-OFDM PI/2 BPSK | 1@0   | 3.8         | 13         | PASS    |
| 25      | 15        | 20              | 397000 | 1905.0     | DFT-s-OFDM QPSK      | 100@0 | 5.16        | 13         | PASS    |
| 25      | 15        | 20              | 397000 | 1905.0     | DFT-s-OFDM QPSK      | 1@0   | 5.19        | 13         | PASS    |

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



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



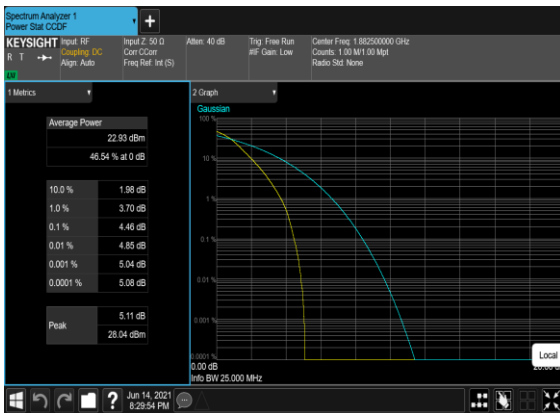
N25(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



N25(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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



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



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



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



N25(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

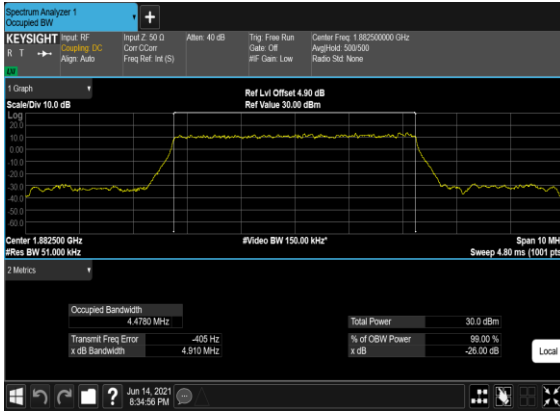


## Occupied Bandwidth

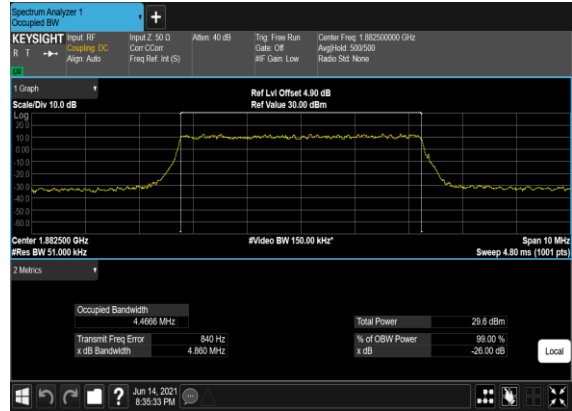
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation           | RB    | OBW (MHz) | 26dB OBW (MHz) |
|---------|-----------|-----------------|--------|------------|----------------------|-------|-----------|----------------|
| 25      | 15        | 5               | 392500 | 1882.5     | DFT-s-OFDM PI/2 BPSK | 25@0  | 4.478     | 4.91           |
| 25      | 15        | 5               | 392500 | 1882.5     | DFT-s-OFDM QPSK      | 25@0  | 4.4666    | 4.86           |
| 25      | 15        | 5               | 392500 | 1882.5     | CP-OFDM QPSK         | 25@0  | 4.4716    | 4.9            |
| 25      | 15        | 5               | 392500 | 1882.5     | CP-OFDM 16 QAM       | 25@0  | 4.4723    | 4.898          |
| 25      | 15        | 5               | 392500 | 1882.5     | CP-OFDM 64 QAM       | 25@0  | 4.4673    | 4.921          |
| 25      | 15        | 5               | 392500 | 1882.5     | CP-OFDM 256 QAM      | 25@0  | 4.4765    | 4.918          |
| 25      | 15        | 10              | 392500 | 1882.5     | DFT-s-OFDM PI/2 BPSK | 50@0  | 8.8997    | 9.458          |
| 25      | 15        | 10              | 392500 | 1882.5     | DFT-s-OFDM QPSK      | 50@0  | 8.9246    | 9.5            |
| 25      | 15        | 10              | 392500 | 1882.5     | CP-OFDM QPSK         | 52@0  | 9.2762    | 9.971          |
| 25      | 15        | 10              | 392500 | 1882.5     | CP-OFDM 16 QAM       | 52@0  | 9.2907    | 9.894          |
| 25      | 15        | 10              | 392500 | 1882.5     | CP-OFDM 64 QAM       | 52@0  | 9.2726    | 9.878          |
| 25      | 15        | 10              | 392500 | 1882.5     | CP-OFDM 256 QAM      | 52@0  | 9.2799    | 9.849          |
| 25      | 15        | 15              | 392500 | 1882.5     | DFT-s-OFDM PI/2 BPSK | 75@0  | 13.381    | 14.12          |
| 25      | 15        | 15              | 392500 | 1882.5     | DFT-s-OFDM QPSK      | 75@0  | 13.397    | 14.15          |
| 25      | 15        | 15              | 392500 | 1882.5     | CP-OFDM QPSK         | 79@0  | 14.068    | 14.82          |
| 25      | 15        | 15              | 392500 | 1882.5     | CP-OFDM 16 QAM       | 79@0  | 14.096    | 14.82          |
| 25      | 15        | 15              | 392500 | 1882.5     | CP-OFDM 64 QAM       | 79@0  | 14.101    | 14.76          |
| 25      | 15        | 15              | 392500 | 1882.5     | CP-OFDM 256 QAM      | 79@0  | 14.086    | 14.81          |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM PI/2 BPSK | 100@0 | 17.894    | 18.67          |
| 25      | 15        | 20              | 392500 | 1882.5     | DFT-s-OFDM QPSK      | 100@0 | 17.863    | 18.71          |
| 25      | 15        | 20              | 392500 | 1882.5     | CP-OFDM QPSK         | 106@0 | 18.892    | 19.78          |
| 25      | 15        | 20              | 392500 | 1882.5     | CP-OFDM 16 QAM       | 106@0 | 18.899    | 19.75          |
| 25      | 15        | 20              | 392500 | 1882.5     | CP-OFDM 64 QAM       | 106@0 | 18.905    | 19.76          |
| 25      | 15        | 20              | 392500 | 1882.5     | CP-OFDM 256 QAM      | 106@0 | 18.933    | 19.74          |

|    |    |    |        |        |                      |       |        |       |
|----|----|----|--------|--------|----------------------|-------|--------|-------|
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 128@0 | 22.824 | 23.72 |
| 25 | 15 | 25 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 128@0 | 22.82  | 23.73 |
| 25 | 15 | 25 | 392500 | 1882.5 | CP-OFDM QPSK         | 133@0 | 23.69  | 24.67 |
| 25 | 15 | 25 | 392500 | 1882.5 | CP-OFDM 16 QAM       | 133@0 | 23.707 | 24.7  |
| 25 | 15 | 25 | 392500 | 1882.5 | CP-OFDM 64 QAM       | 133@0 | 23.757 | 24.66 |
| 25 | 15 | 25 | 392500 | 1882.5 | CP-OFDM 256 QAM      | 133@0 | 23.707 | 24.65 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 160@0 | 28.542 | 29.61 |
| 25 | 15 | 30 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 160@0 | 28.504 | 29.57 |
| 25 | 15 | 30 | 392500 | 1882.5 | CP-OFDM QPSK         | 160@0 | 28.507 | 29.55 |
| 25 | 15 | 30 | 392500 | 1882.5 | CP-OFDM 16 QAM       | 160@0 | 28.519 | 29.64 |
| 25 | 15 | 30 | 392500 | 1882.5 | CP-OFDM 64 QAM       | 160@0 | 28.559 | 29.58 |
| 25 | 15 | 30 | 392500 | 1882.5 | CP-OFDM 256 QAM      | 160@0 | 28.541 | 29.63 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM PI/2 BPSK | 216@0 | 38.603 | 39.92 |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM QPSK      | 216@0 | 38.496 | 39.8  |
| 25 | 15 | 40 | 392500 | 1882.5 | CP-OFDM QPSK         | 216@0 | 38.556 | 39.84 |
| 25 | 15 | 40 | 392500 | 1882.5 | CP-OFDM 16 QAM       | 216@0 | 38.567 | 39.84 |
| 25 | 15 | 40 | 392500 | 1882.5 | CP-OFDM 64 QAM       | 216@0 | 38.578 | 39.82 |
| 25 | 15 | 40 | 392500 | 1882.5 | CP-OFDM 256 QAM      | 216@0 | 38.601 | 39.84 |

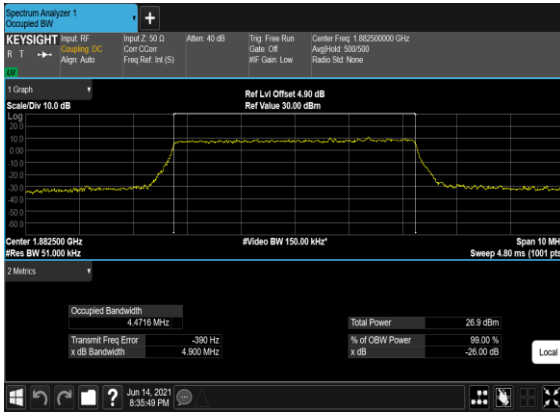
### N25(5M)\_DFT-s-OFDM\_PI\_2- BPSK\_Outer\_Full\_Mid\_CH



### N25(5M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



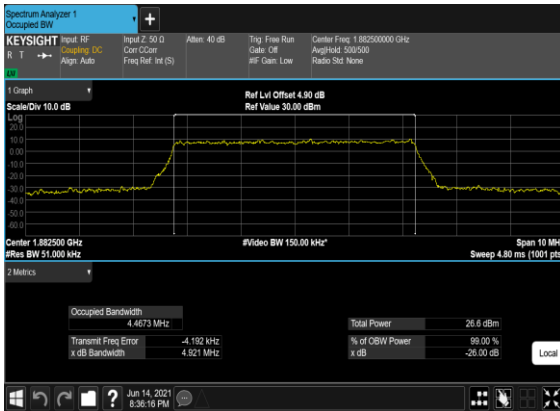
### N25(5M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



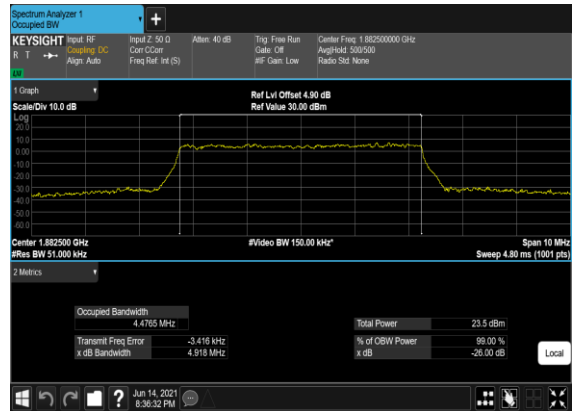
### N25(5M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N25(5M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH

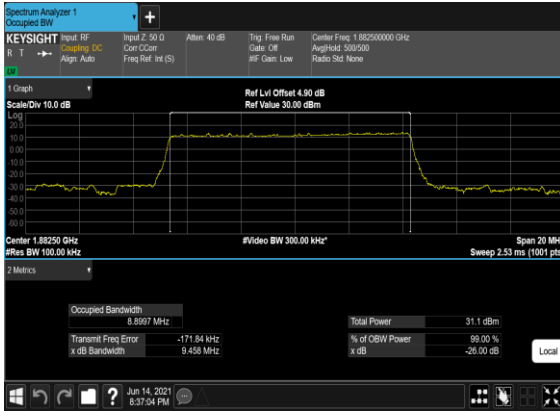


### N25(5M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

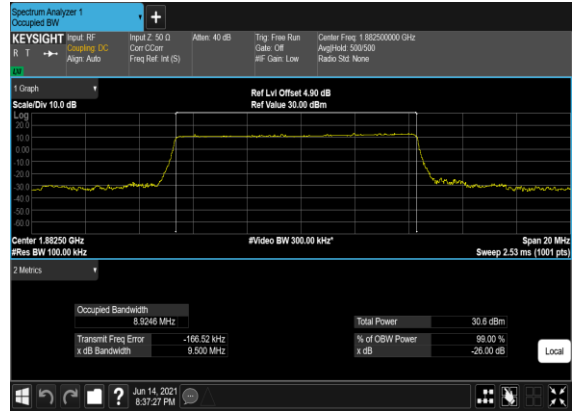




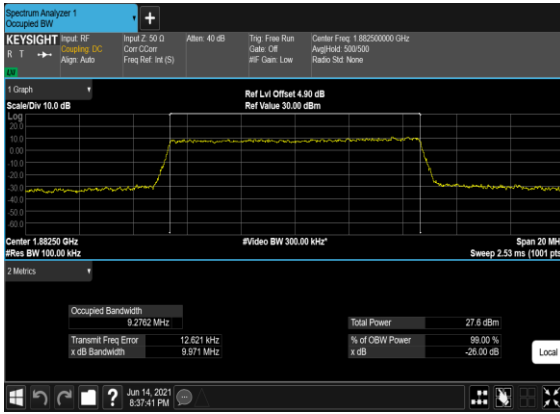
### N25(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



### N25(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



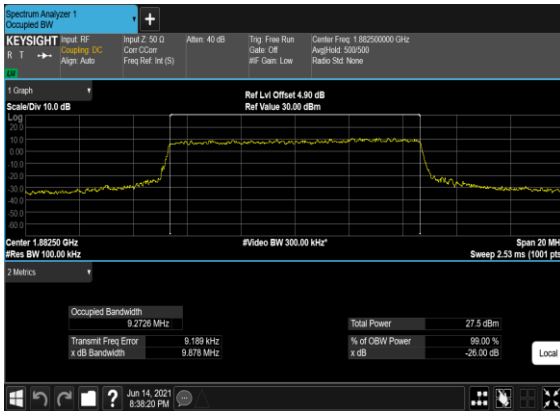
### N25(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



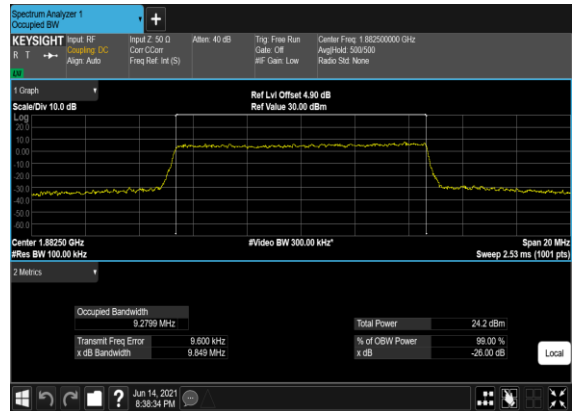
### N25(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N25(10M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



### N25(10M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



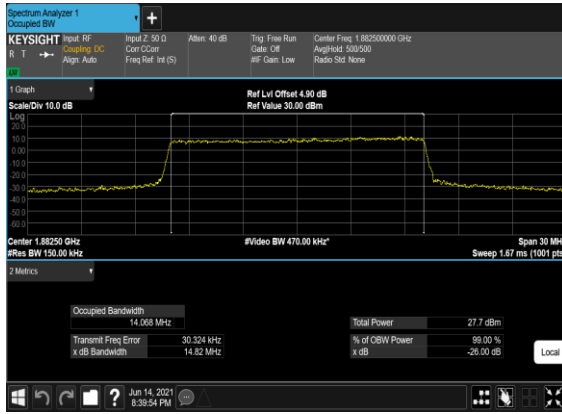
### N25(15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



### N25(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



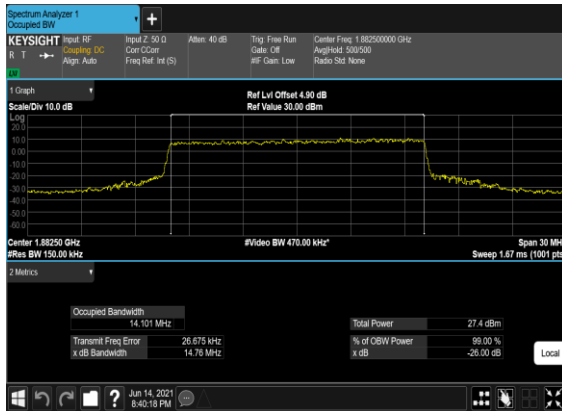
### N25(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



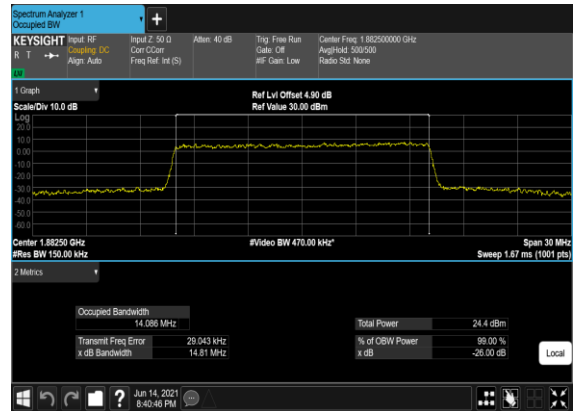
### N25(15M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



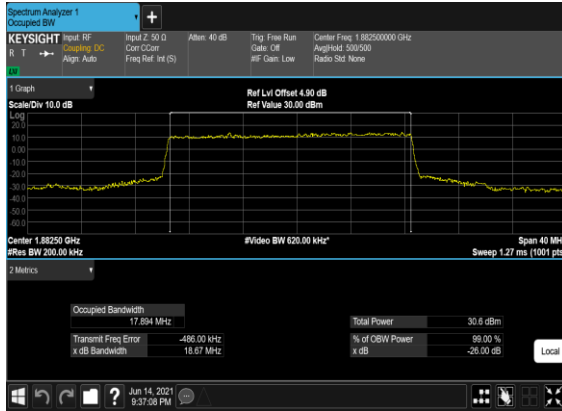
### N25(15M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



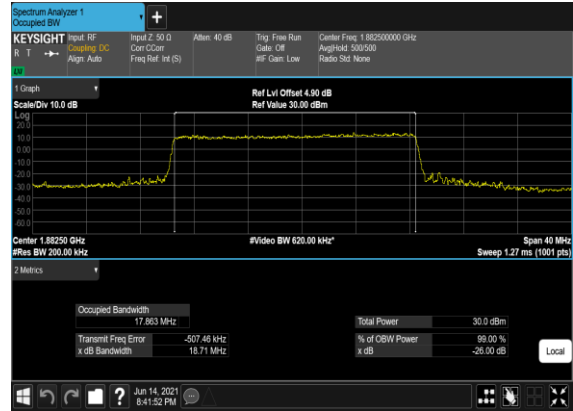
### N25(15M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



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



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



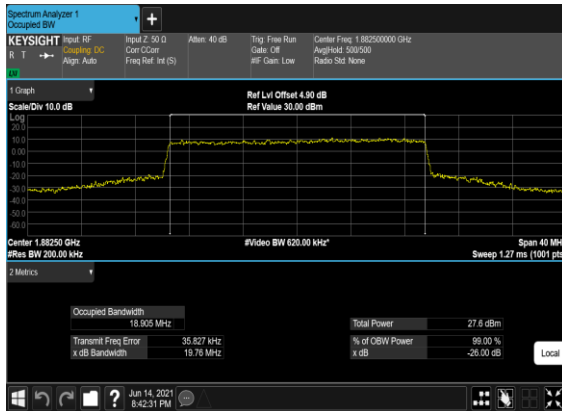
### N25(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### N25(20M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



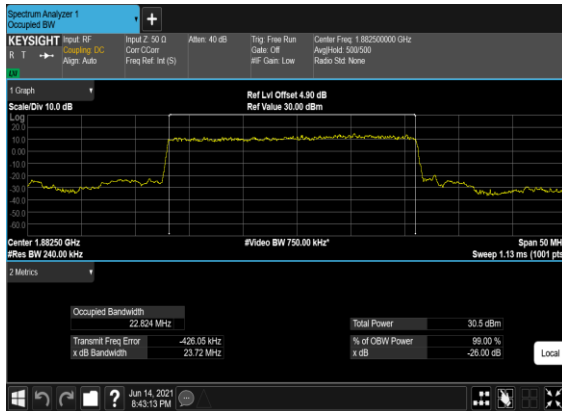
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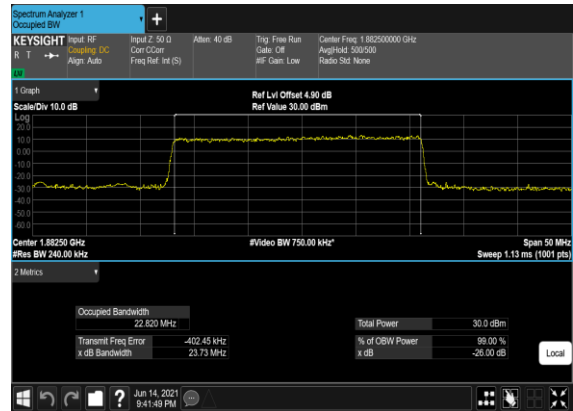
### N25(20M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



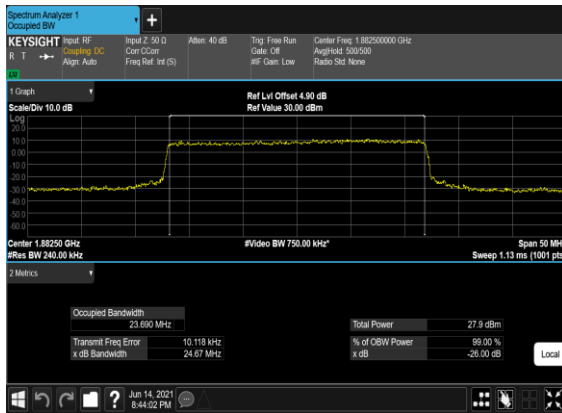
### N25(25M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



### N25(25M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



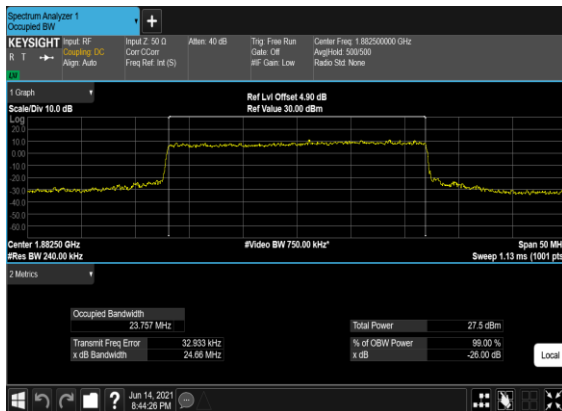
### N25(25M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



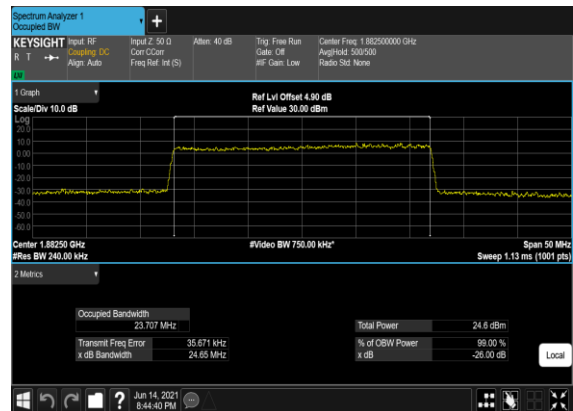
### N25(25M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



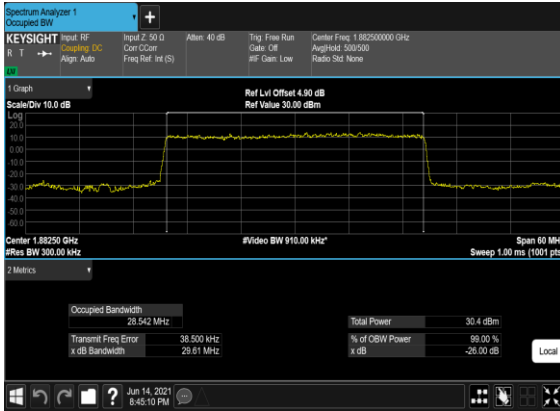
### N25(25M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



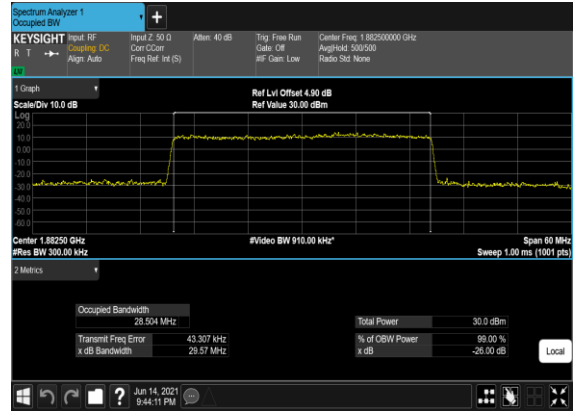
### N25(25M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



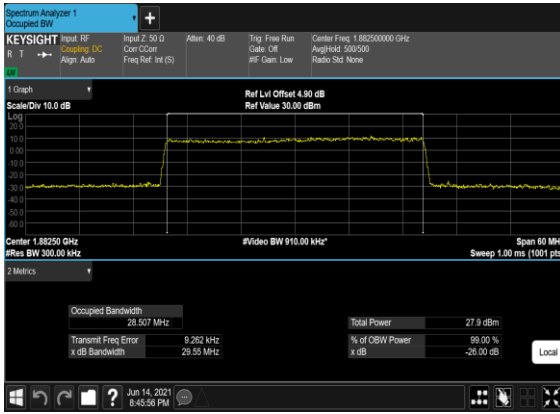
### N25(30M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



### N25(30M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



### N25(30M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



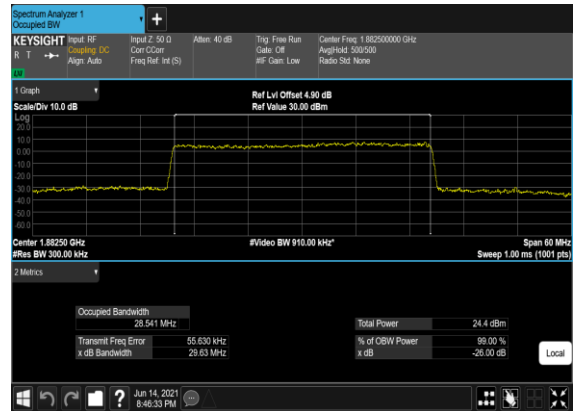
### N25(30M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



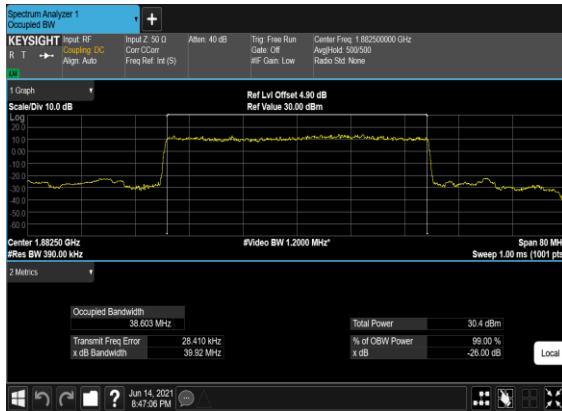
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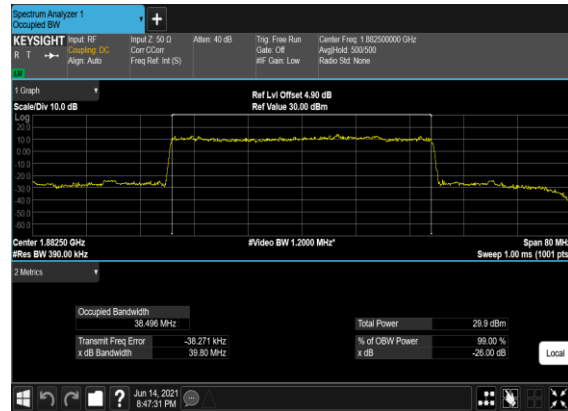
### N25(30M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



### N25(40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



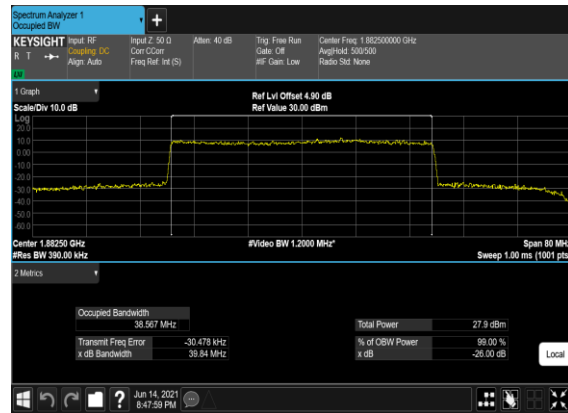
### N25(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



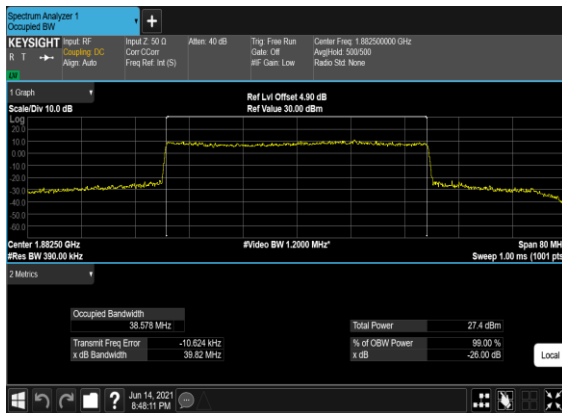
### N25(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



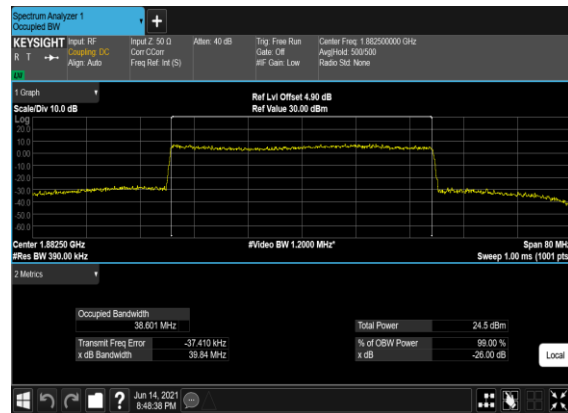
### N25(40M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



### N25(40M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



### N25(40M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



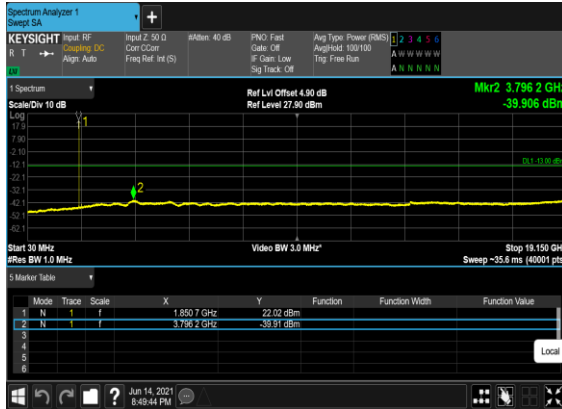
## Conducted Spurious Emissions

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

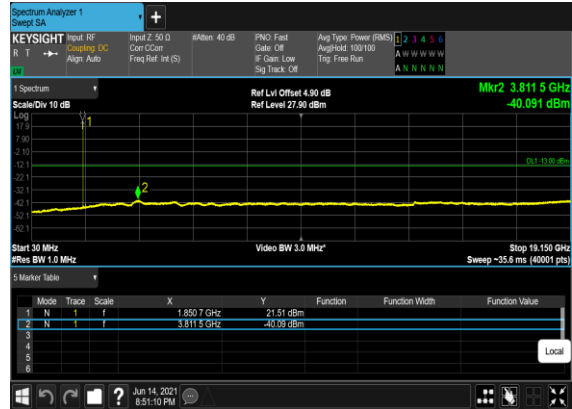
|    |    |    |        |        |                 |     |           |      |
|----|----|----|--------|--------|-----------------|-----|-----------|------|
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 25 | 15 | 20 | 397000 | 1905.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 25 | 15 | 40 | 390000 | 1870.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 25 | 15 | 40 | 392500 | 1882.5 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM BPSK | 1@0 | see graph | ---  |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM QPSK | 1@0 | see graph | ---  |
| 25 | 15 | 40 | 395000 | 1895.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |



N25(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



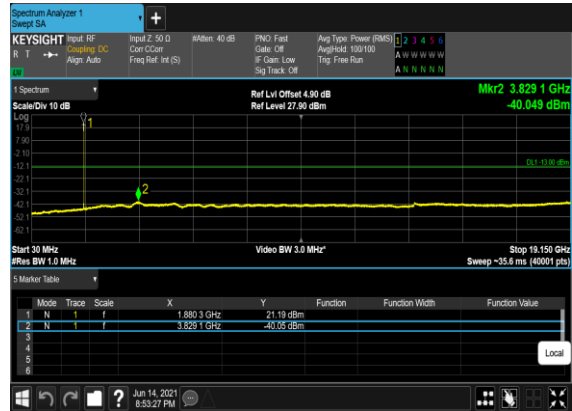
N25(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



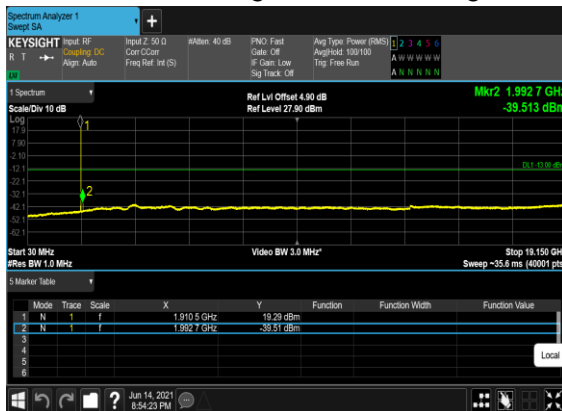
N25(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



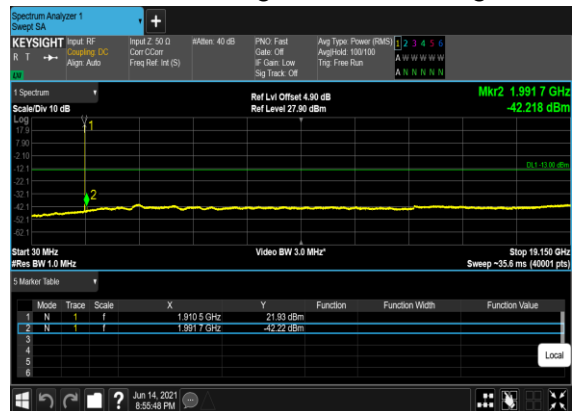
N25(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



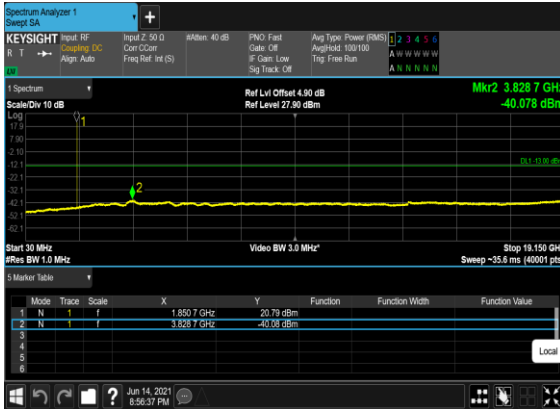
N25(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



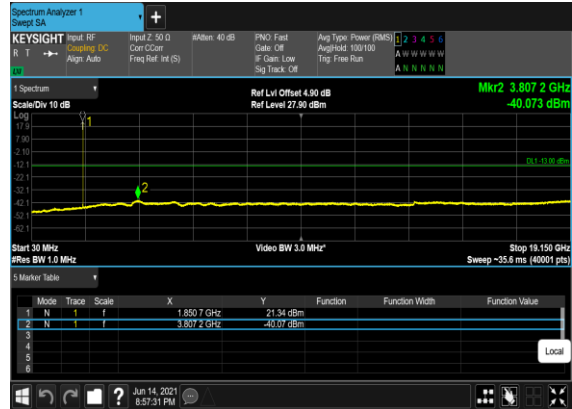
N25(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N25(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



### N25(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



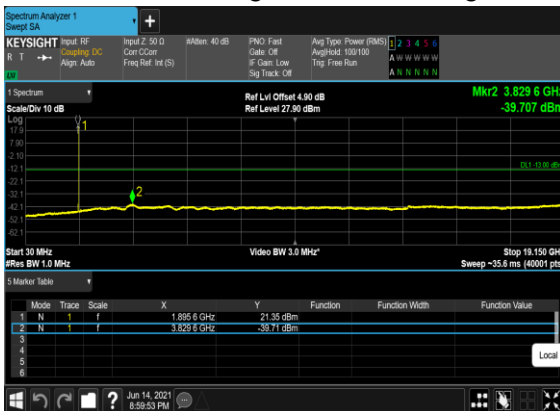
### N25(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N25(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N25(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N25(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

