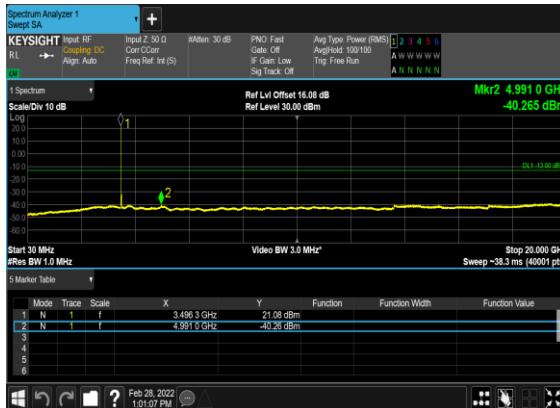
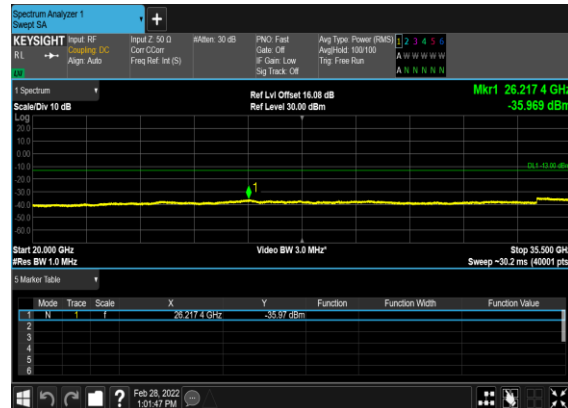


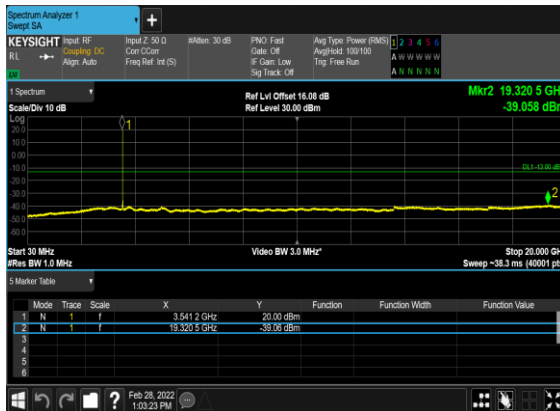
# N77(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



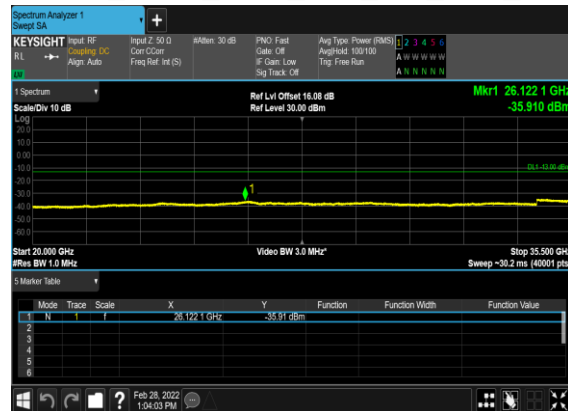
# N77(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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



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



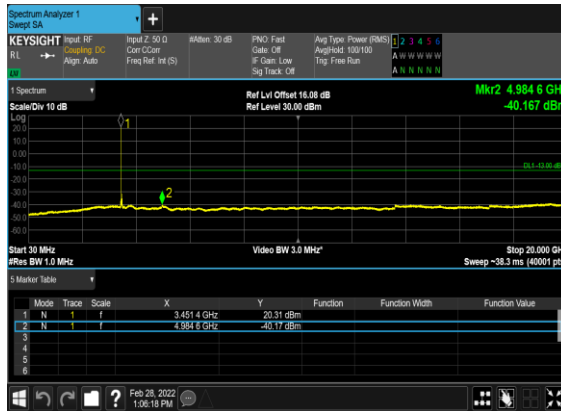
# N77(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



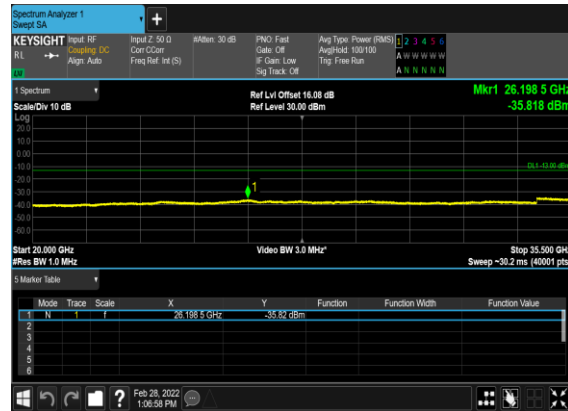
# N77(10M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



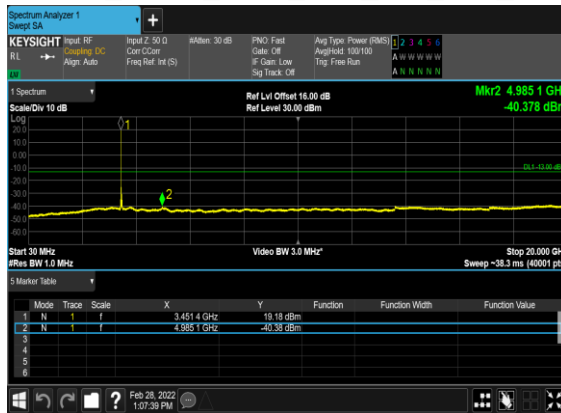
# N77(50M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



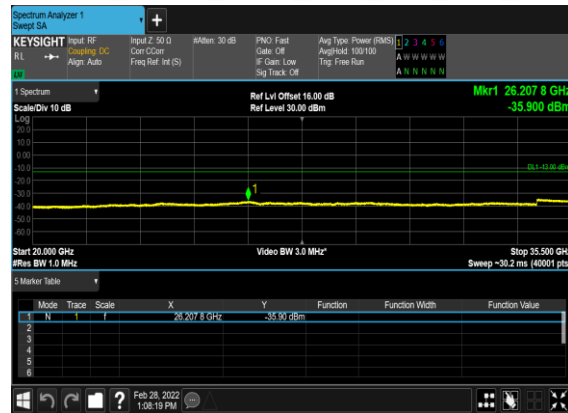
# N77(50M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



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



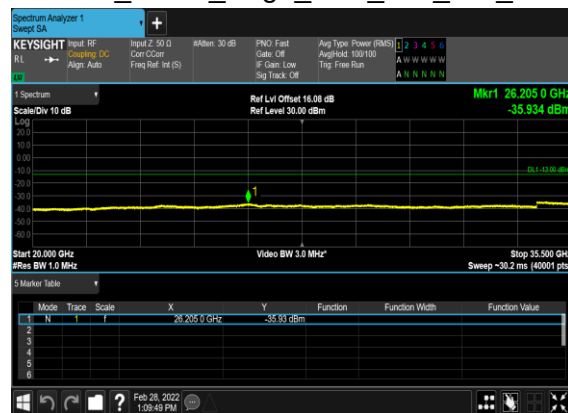
# N77(50M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



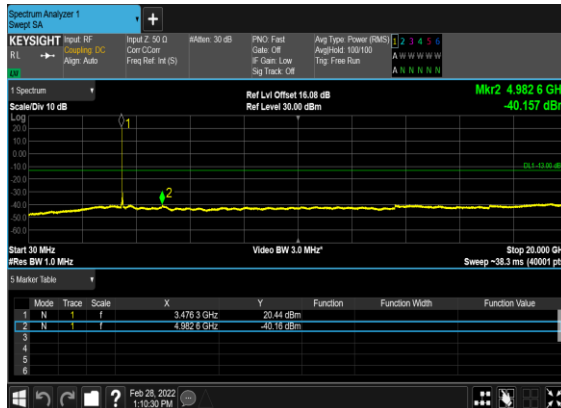
# N77(50M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



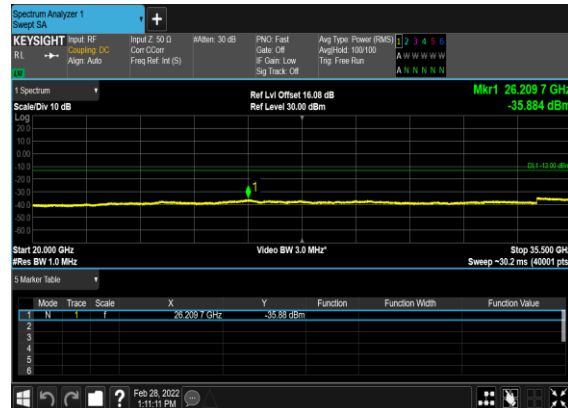
# N77(50M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



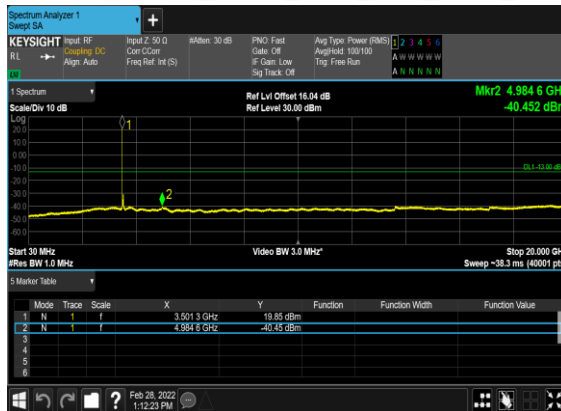
# N77(50M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



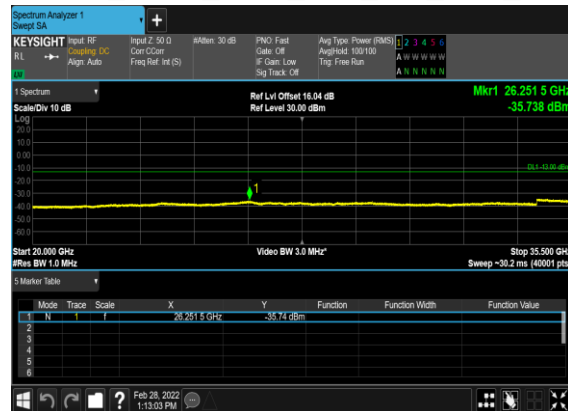
# N77(50M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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



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



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



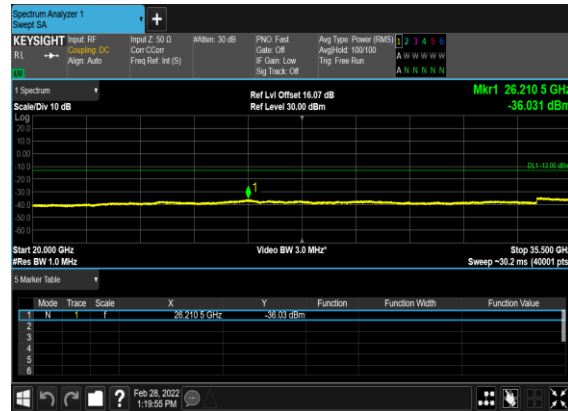
# N77(50M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



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



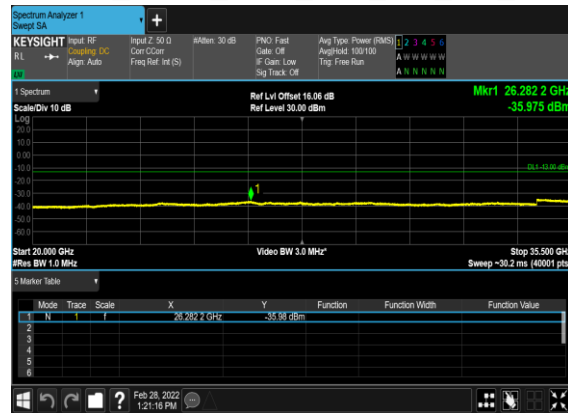
# N77(100M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



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



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



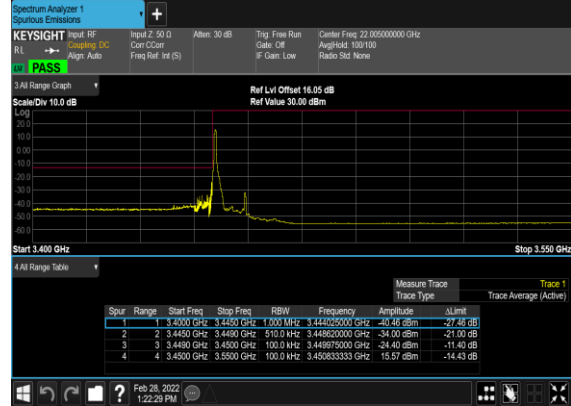
## Conducted Band Edge

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

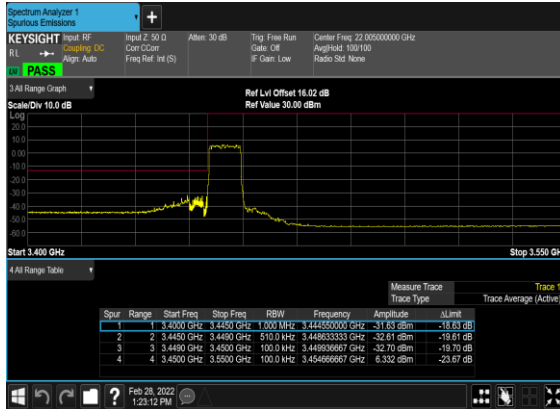
N77(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



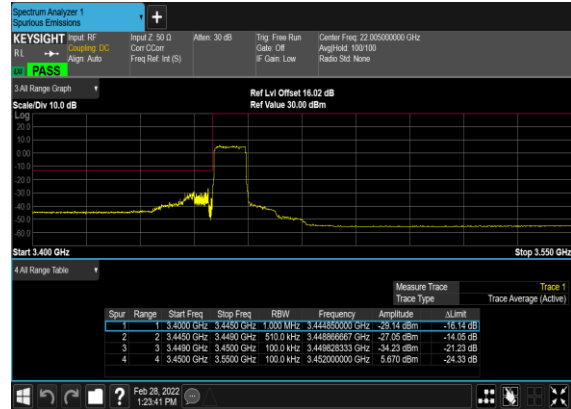
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



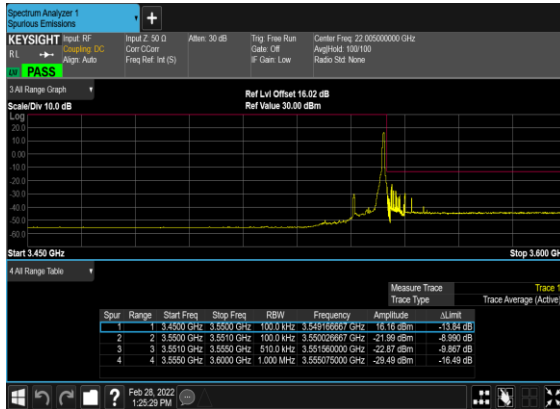
N77(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



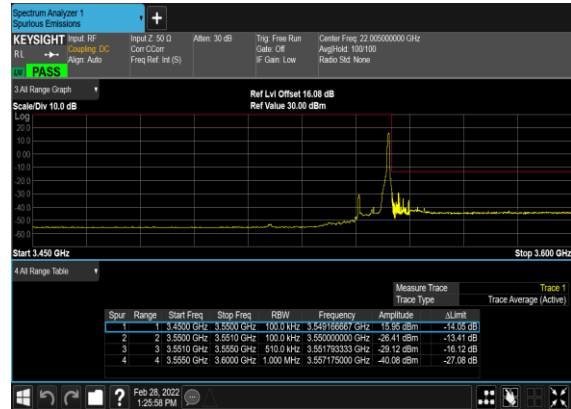
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



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



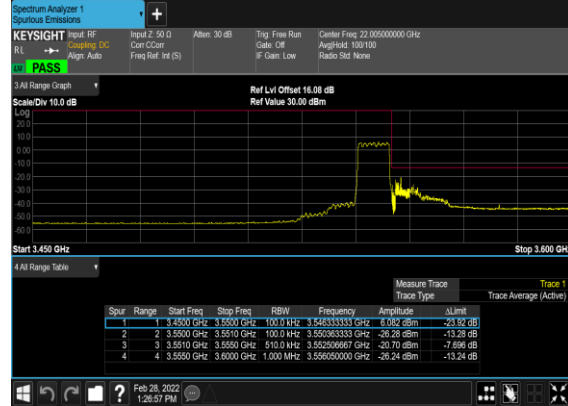
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



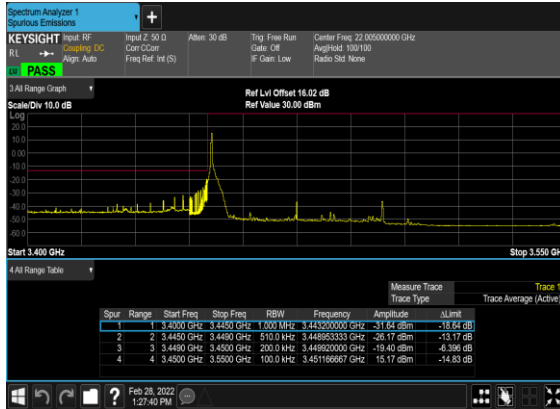
N77(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



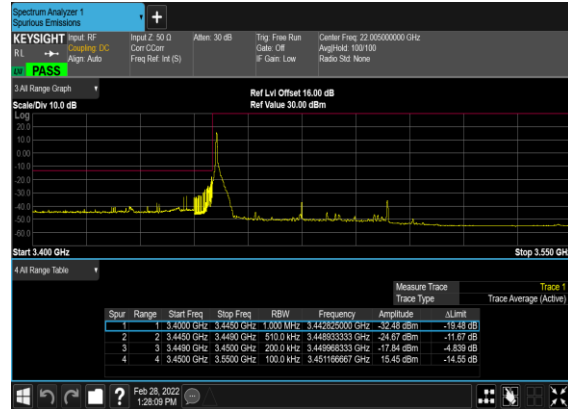
N77(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



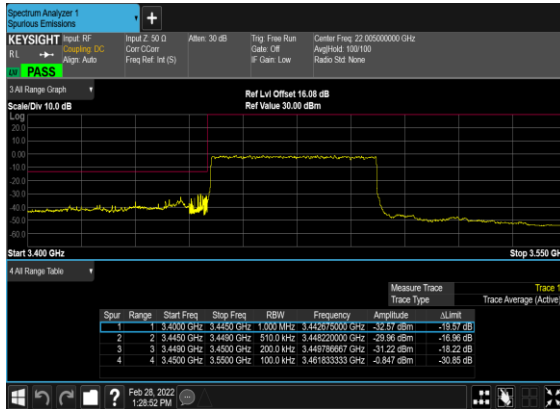
N77(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



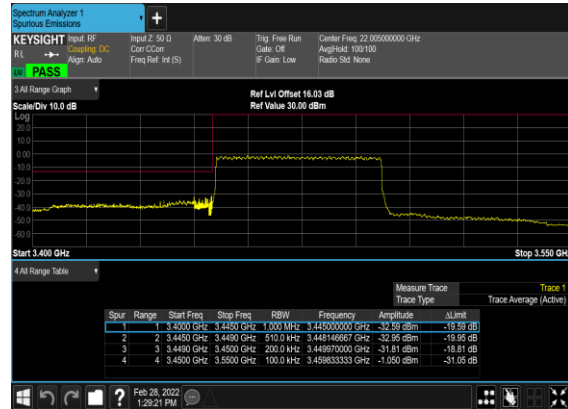
N77(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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



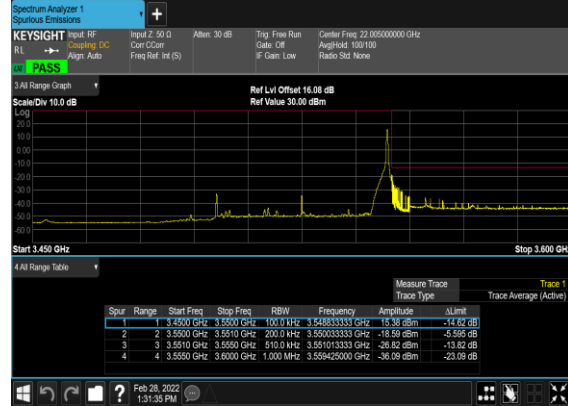
N77(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



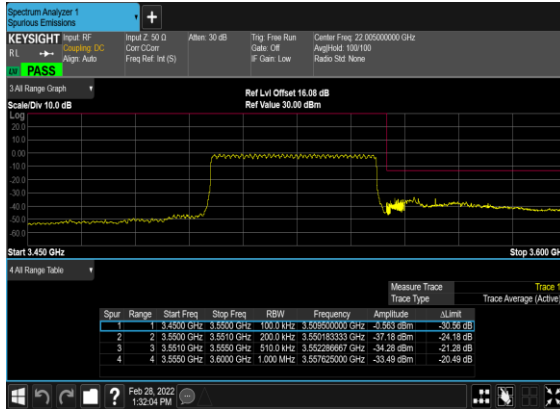
### N77(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



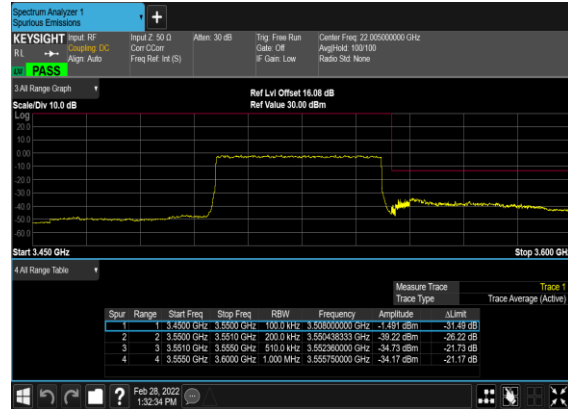
### N77(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



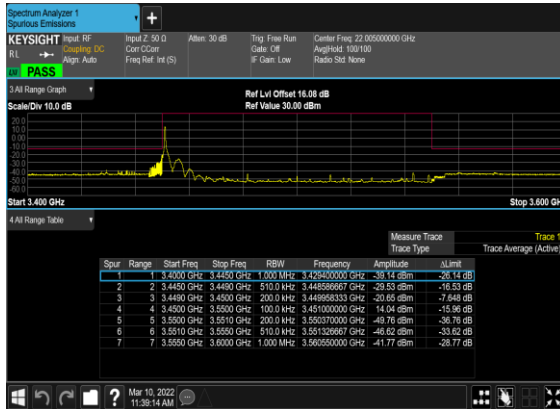
### N77(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



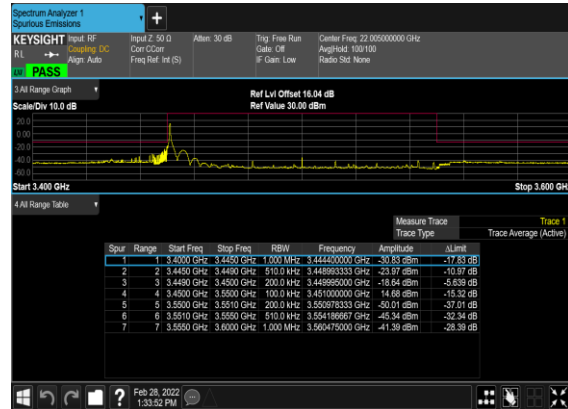
### N77(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



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

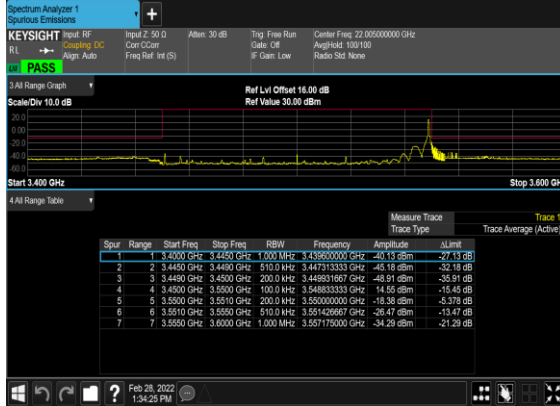


### N77(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

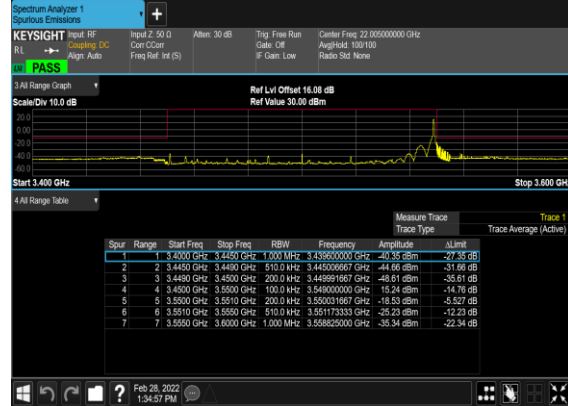




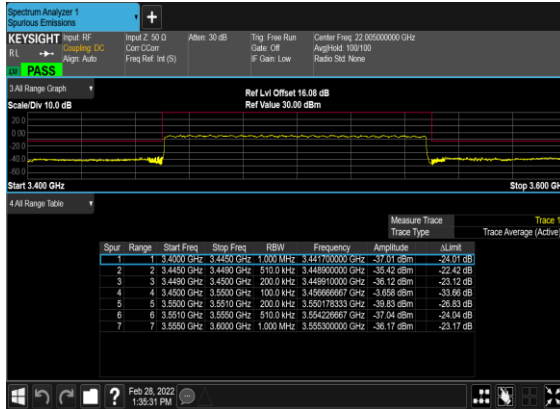
# N77(100M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



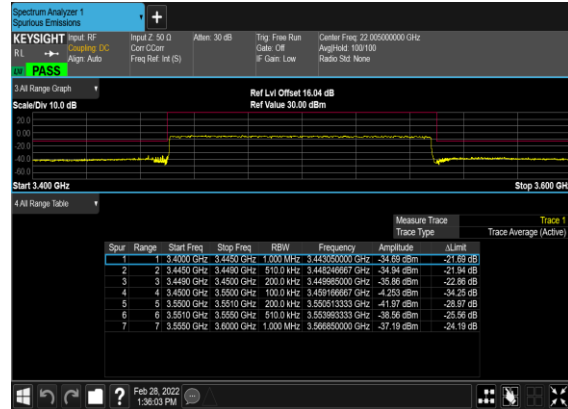
# N77(100M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



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



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



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |                |                     |         |
|-----------------|----------------|---------------------|---------|
| Test Engineer : | Zhao hui Liang | Temperature :       | 22~25°C |
|                 |                | Relative Humidity : | 48~52%  |

Note: Pre-scanned harmonic for the different antenna, we choose the worst antenna mode to test.

| SA n77 / NR 100MHz / QPSK / ANT4(NR) |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                              | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                               | 6910.08           | -58.76       | -13           | -45.76            | -65.38            | -64.32             | 7.16                 | 12.72                 | H                  |
|                                      | 10365.12          | -56.41       | -13           | -43.41            | -68.17            | -59.71             | 8.33                 | 11.63                 | H                  |
|                                      | 13820.16          | -54.59       | -13           | -41.59            | -68.70            | -56.19             | 10.50                | 12.10                 | H                  |
|                                      | 6910.08           | -57.82       | -13           | -44.82            | -65.54            | -63.38             | 7.16                 | 12.72                 | V                  |
|                                      | 10365.12          | -54.48       | -13           | -41.48            | -68.1             | -57.78             | 8.33                 | 11.63                 | V                  |
|                                      | 13820.16          | -56.23       | -13           | -43.23            | -69.19            | -57.83             | 10.50                | 12.10                 | V                  |
| Middle                               | 7010.88           | -58.71       | -13           | -45.71            | -65.57            | -64.27             | 7.16                 | 12.72                 | H                  |
|                                      | 10516.32          | -55.99       | -13           | -42.99            | -67.96            | -59.29             | 8.33                 | 11.63                 | H                  |
|                                      | 14021.76          | -56.51       | -13           | -43.51            | -70.25            | -58.11             | 10.50                | 12.10                 | H                  |
|                                      | 7010.88           | -58.70       | -13           | -45.70            | -65.91            | -64.26             | 7.16                 | 12.72                 | V                  |
|                                      | 10516.32          | -53.47       | -13           | -40.47            | -67.77            | -56.77             | 8.33                 | 11.63                 | V                  |
|                                      | 14021.76          | -57.28       | -13           | -44.28            | -70.25            | -58.88             | 10.50                | 12.10                 | V                  |
| Highest                              | 7111.68           | -58.82       | -13           | -45.82            | -66.22            | -64.38             | 7.16                 | 12.72                 | H                  |
|                                      | 10667.52          | -55.35       | -13           | -42.35            | -67.90            | -58.65             | 8.33                 | 11.63                 | H                  |
|                                      | 14223.36          | -56.17       | -13           | -43.17            | -70.22            | -57.77             | 10.50                | 12.10                 | H                  |
|                                      | 7111.68           | -57.27       | -13           | -44.27            | -65.99            | -62.83             | 7.16                 | 12.72                 | V                  |
|                                      | 10667.52          | -52.47       | -13           | -39.47            | -67.5             | -55.77             | 8.33                 | 11.63                 | V                  |
|                                      | 14223.36          | -56.81       | -13           | -43.81            | -70.26            | -58.41             | 10.50                | 12.10                 | V                  |

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.