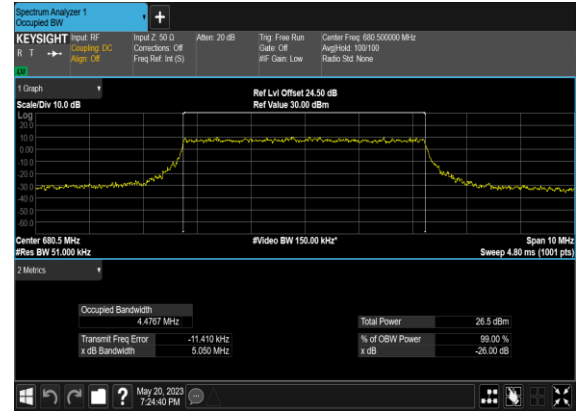


### N71(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



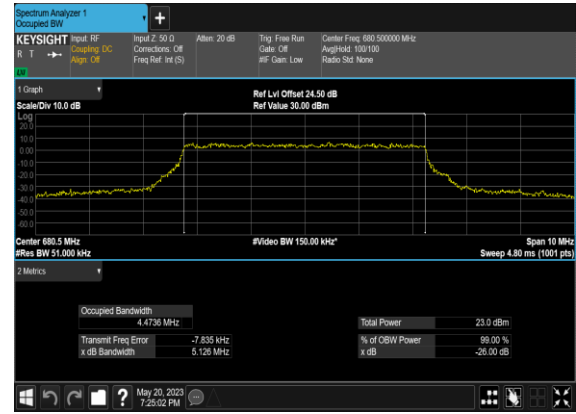
### N71(5M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



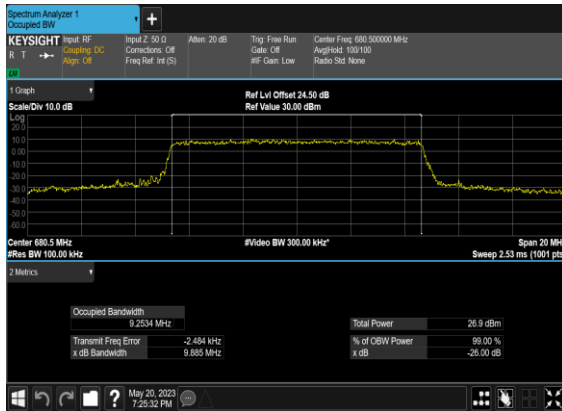
### N71(5M)\_CP-OFDM\_64QAM\_Outer\_Full\_Mid\_CH



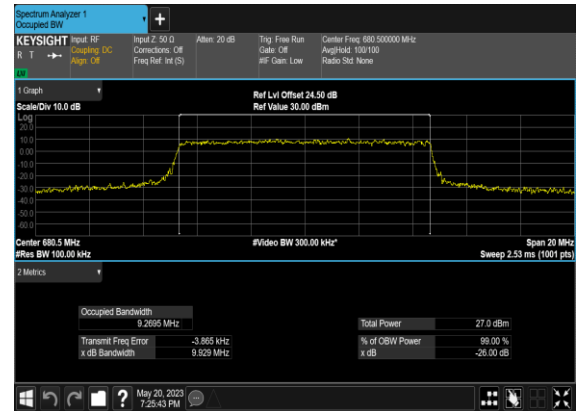
### N71(5M)\_CP-OFDM\_256QAM\_Outer\_Full\_Mid\_CH



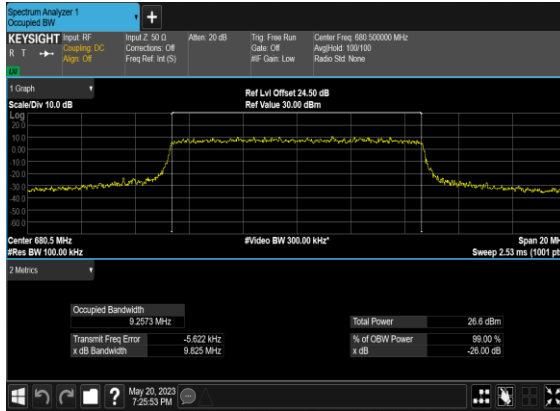
### N71(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



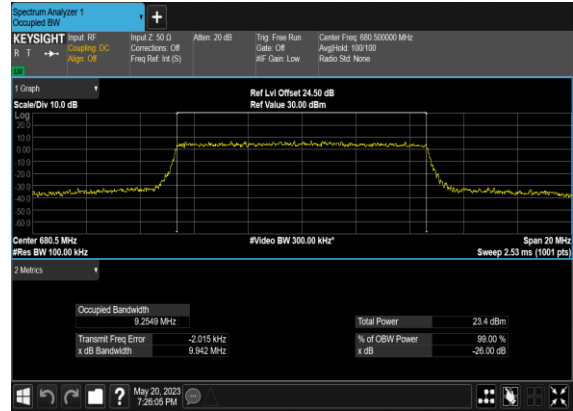
### N71(10M)\_CP-OFDM\_16QAM\_Outer\_Full\_Mid\_CH



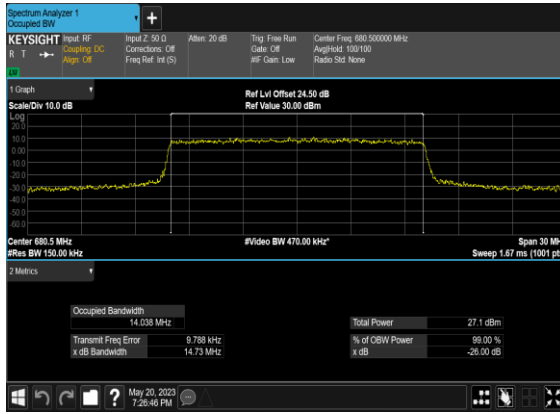
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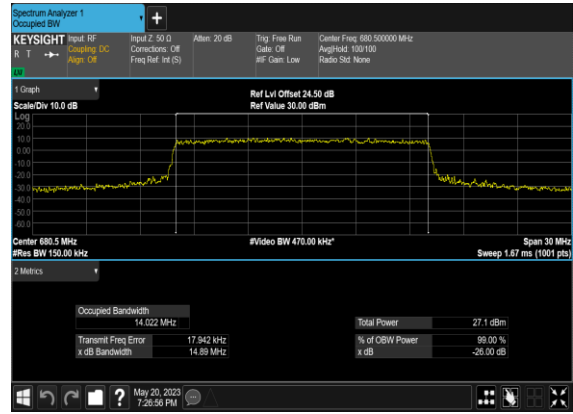
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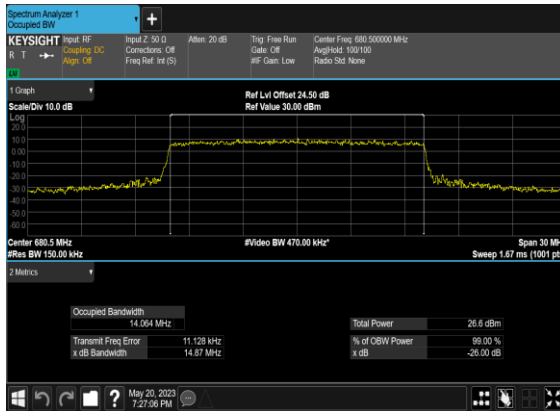
### N71(15M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



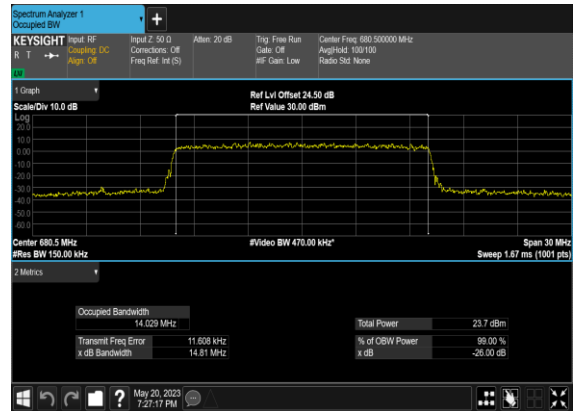
### N71(15M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



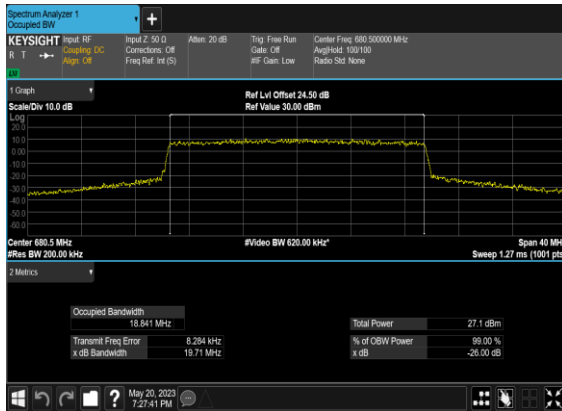
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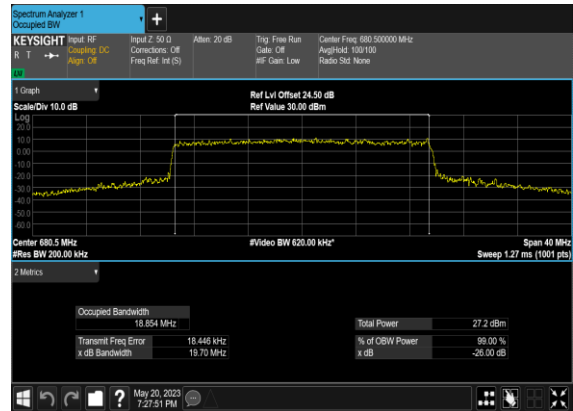
### N71(15M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH



### N71(20M)\_CP- OFDM\_QPSK\_Outer\_Full\_Mid\_CH



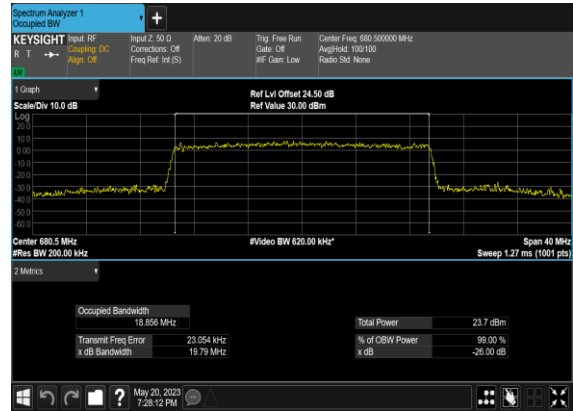
### N71(20M)\_CP-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



### N71(20M)\_CP-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



### N71(20M)\_CP-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

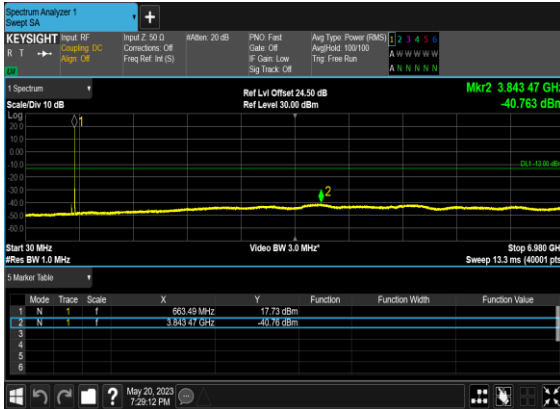


## Conducted Spurious Emissions

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation         | RB  | Result    | Verdict     |
|---------|-----------|-----------------|--------|------------|--------------------|-----|-----------|-------------|
| 71      | 15        | 5               | 133100 | 665.5      | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 71      | 15        | 5               | 133100 | 665.5      | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 71      | 15        | 5               | 133100 | 665.5      | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 71      | 15        | 5               | 133100 | 665.5      | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |
| 71      | 15        | 5               | 136100 | 680.5      | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 71      | 15        | 5               | 136100 | 680.5      | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 71      | 15        | 5               | 136100 | 680.5      | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 71      | 15        | 5               | 136100 | 680.5      | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |
| 71      | 15        | 5               | 139100 | 695.5      | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 71      | 15        | 5               | 139100 | 695.5      | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 71      | 15        | 5               | 139100 | 695.5      | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 71      | 15        | 5               | 139100 | 695.5      | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |
| 71      | 15        | 10              | 133600 | 668.0      | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 71      | 15        | 10              | 133600 | 668.0      | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 71      | 15        | 10              | 133600 | 668.0      | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 71      | 15        | 10              | 133600 | 668.0      | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |
| 71      | 15        | 10              | 136100 | 680.5      | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 71      | 15        | 10              | 136100 | 680.5      | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 71      | 15        | 10              | 136100 | 680.5      | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 71      | 15        | 10              | 136100 | 680.5      | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |
| 71      | 15        | 10              | 138600 | 693.0      | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 71      | 15        | 10              | 138600 | 693.0      | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 71      | 15        | 10              | 138600 | 693.0      | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |

|    |    |    |        |       |                 |     |           |             |
|----|----|----|--------|-------|-----------------|-----|-----------|-------------|
| 71 | 15 | 10 | 138600 | 693.0 | DFT-s-OFDM QPSK | 1@0 | see graph | <b>PASS</b> |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM BPSK | 1@0 | see graph | ---         |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM BPSK | 1@0 | see graph | <b>PASS</b> |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM QPSK | 1@0 | see graph | ---         |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM QPSK | 1@0 | see graph | <b>PASS</b> |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | ---         |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM BPSK | 1@0 | see graph | <b>PASS</b> |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | ---         |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM QPSK | 1@0 | see graph | <b>PASS</b> |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM BPSK | 1@0 | see graph | ---         |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM BPSK | 1@0 | see graph | <b>PASS</b> |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM QPSK | 1@0 | see graph | ---         |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM QPSK | 1@0 | see graph | <b>PASS</b> |

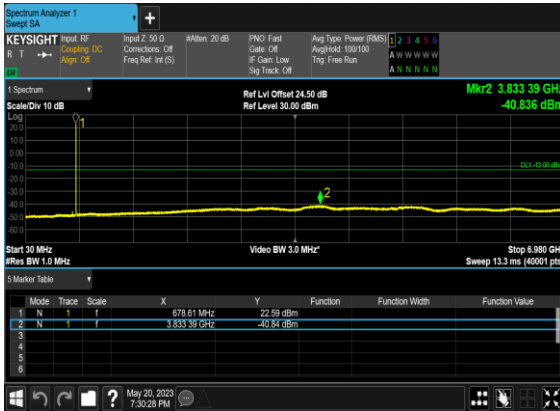
N71(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



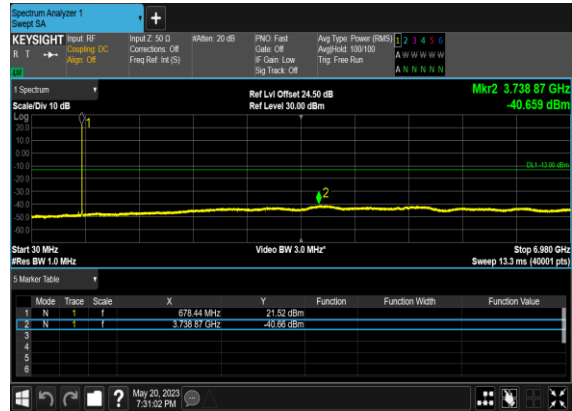
N71(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



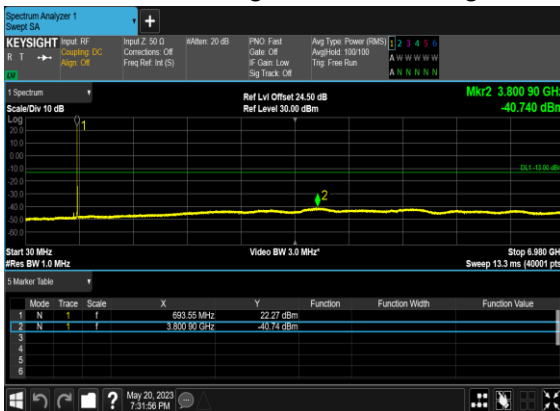
N71(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



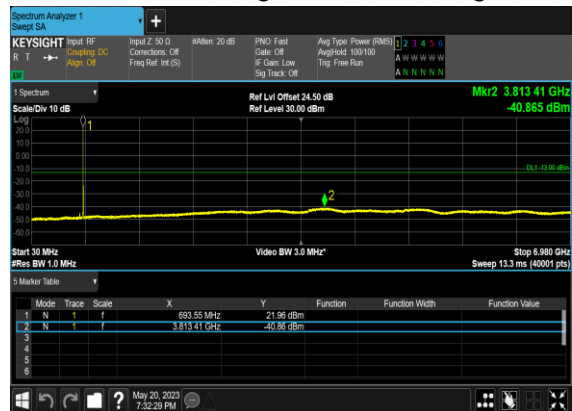
N71(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



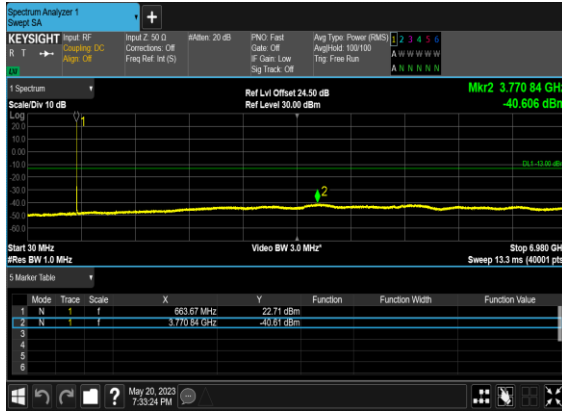
N71(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



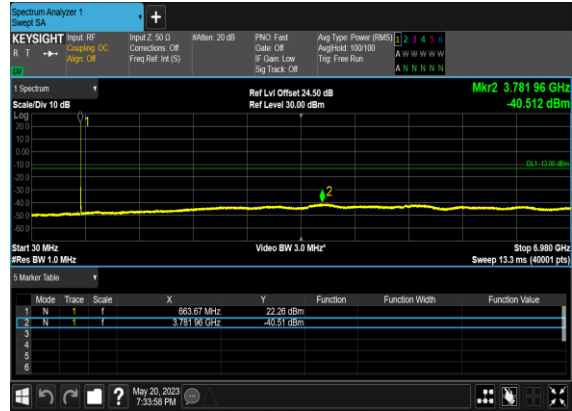
N71(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



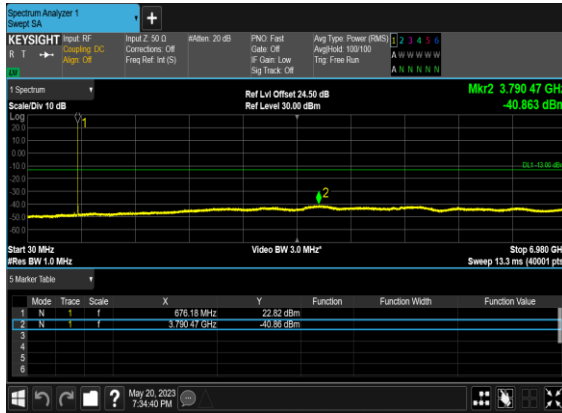
### N71(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



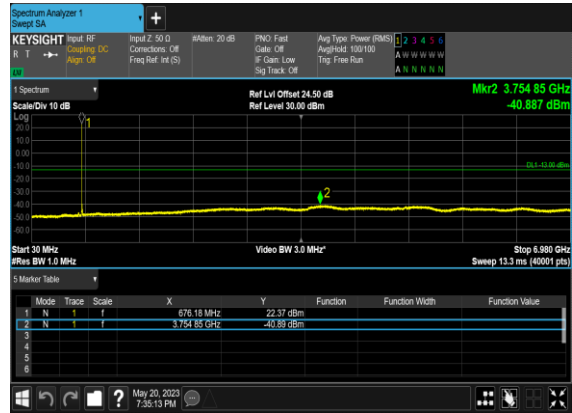
### N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N71(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



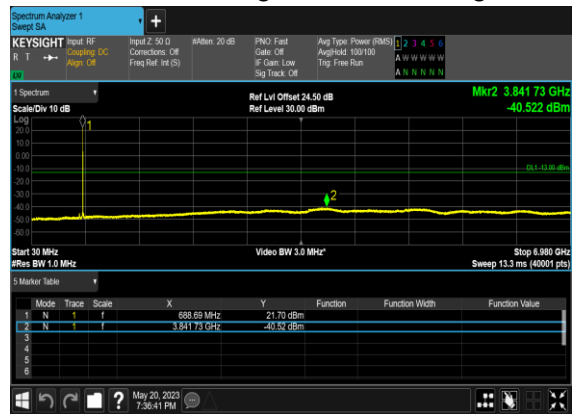
### N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



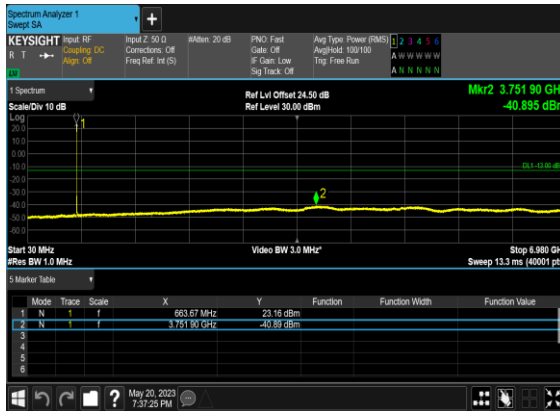
### N71(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



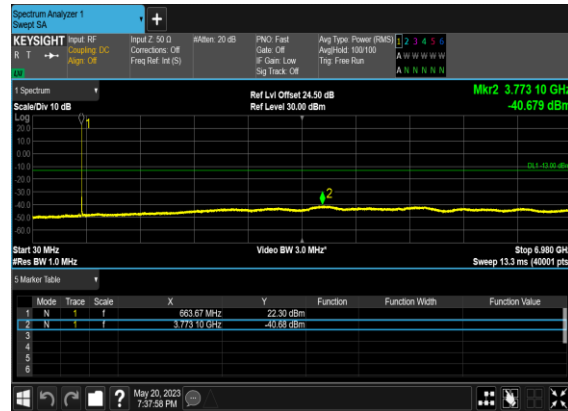
### N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



### N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



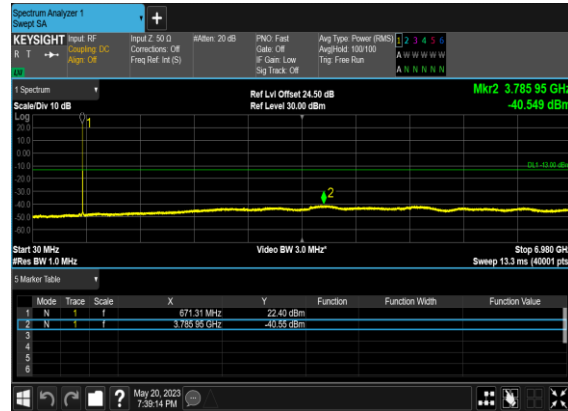
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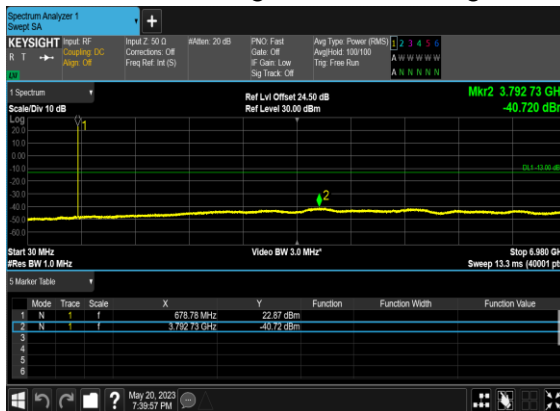
### N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



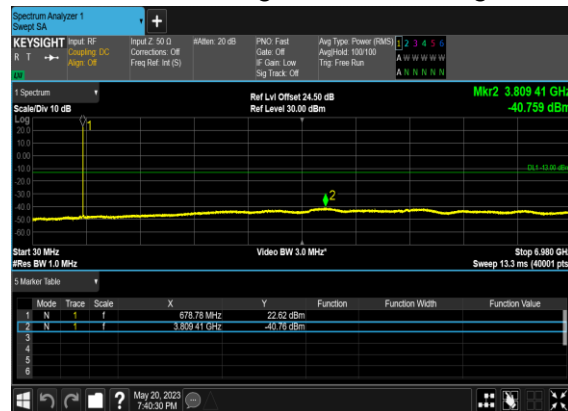
### N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



### N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



### N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

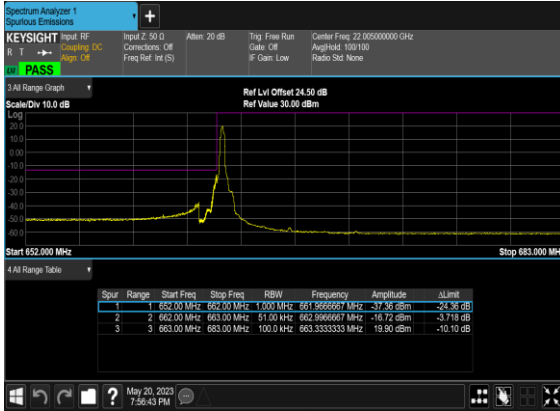




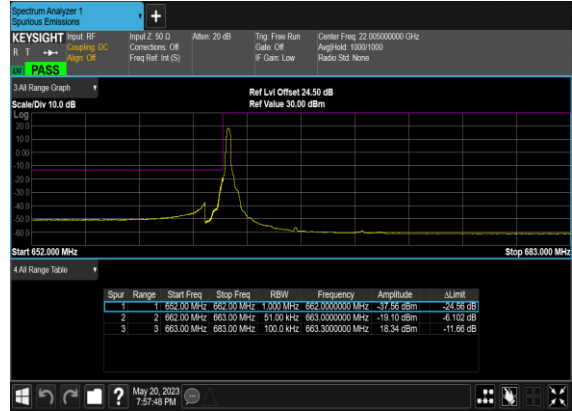
## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 71      | 15        | 5               | 133100 | 665.5      | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 71      | 15        | 5               | 133100 | 665.5      | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 71      | 15        | 5               | 133100 | 665.5      | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 71      | 15        | 5               | 133100 | 665.5      | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 71      | 15        | 5               | 139100 | 695.5      | DFT-s-OFDM BPSK | 1@24  | see graph | PASS    |
| 71      | 15        | 5               | 139100 | 695.5      | DFT-s-OFDM QPSK | 1@24  | see graph | PASS    |
| 71      | 15        | 5               | 139100 | 695.5      | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 71      | 15        | 5               | 139100 | 695.5      | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 71      | 15        | 10              | 133600 | 668.0      | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 71      | 15        | 10              | 133600 | 668.0      | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 71      | 15        | 10              | 133600 | 668.0      | DFT-s-OFDM BPSK | 50@0  | see graph | PASS    |
| 71      | 15        | 10              | 133600 | 668.0      | DFT-s-OFDM QPSK | 50@0  | see graph | PASS    |
| 71      | 15        | 10              | 138600 | 693.0      | DFT-s-OFDM BPSK | 1@51  | see graph | PASS    |
| 71      | 15        | 10              | 138600 | 693.0      | DFT-s-OFDM QPSK | 1@51  | see graph | PASS    |
| 71      | 15        | 10              | 138600 | 693.0      | DFT-s-OFDM BPSK | 50@0  | see graph | PASS    |
| 71      | 15        | 10              | 138600 | 693.0      | DFT-s-OFDM QPSK | 50@0  | see graph | PASS    |
| 71      | 15        | 20              | 134600 | 673.0      | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 71      | 15        | 20              | 134600 | 673.0      | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 71      | 15        | 20              | 134600 | 673.0      | DFT-s-OFDM BPSK | 100@0 | see graph | PASS    |
| 71      | 15        | 20              | 134600 | 673.0      | DFT-s-OFDM QPSK | 100@0 | see graph | PASS    |
| 71      | 15        | 20              | 137600 | 688.0      | DFT-s-OFDM BPSK | 1@105 | see graph | PASS    |
| 71      | 15        | 20              | 137600 | 688.0      | DFT-s-OFDM QPSK | 1@105 | see graph | PASS    |
| 71      | 15        | 20              | 137600 | 688.0      | DFT-s-OFDM BPSK | 100@0 | see graph | PASS    |
| 71      | 15        | 20              | 137600 | 688.0      | DFT-s-OFDM QPSK | 100@0 | see graph | PASS    |

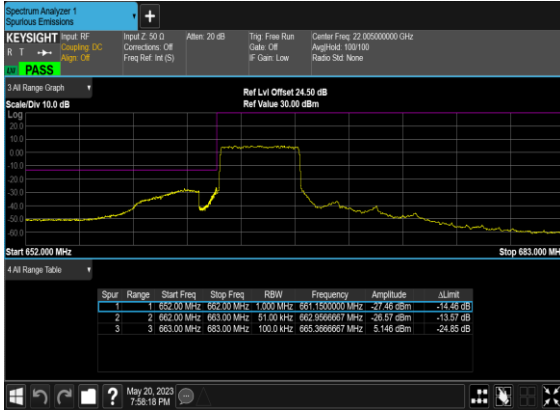
### N71(5M)\_DFT-s- OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



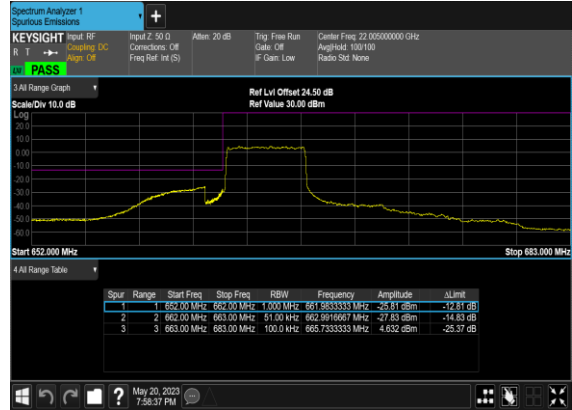
### N71(5M)\_DFT-s- OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



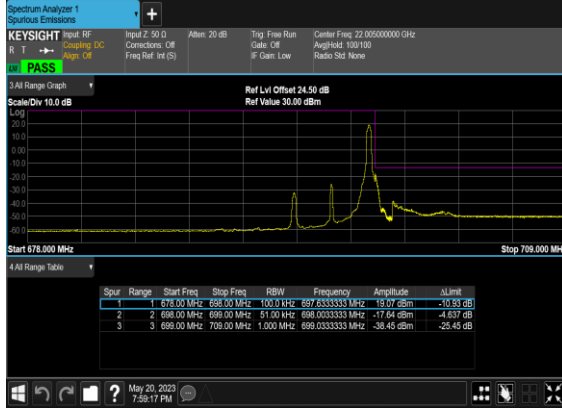
### N71(5M)\_DFT-s- OFDM\_BPSK\_Outer\_Full\_Low\_CH



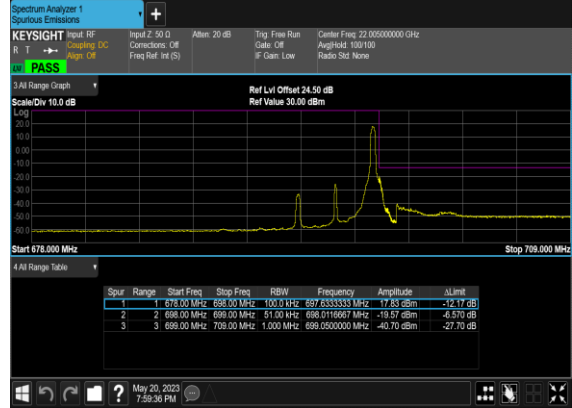
### N71(5M)\_DFT-s- OFDM\_QPSK\_Outer\_Full\_Low\_CH



### N71(5M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



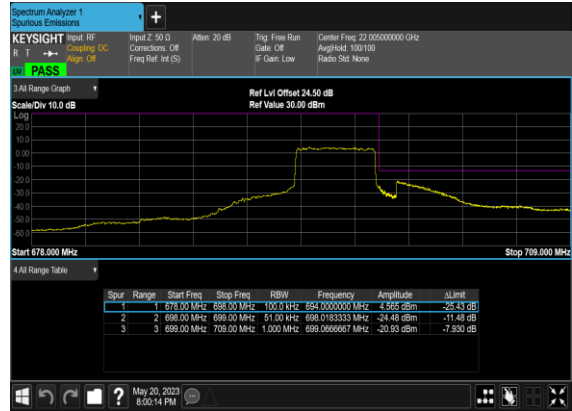
### N71(5M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



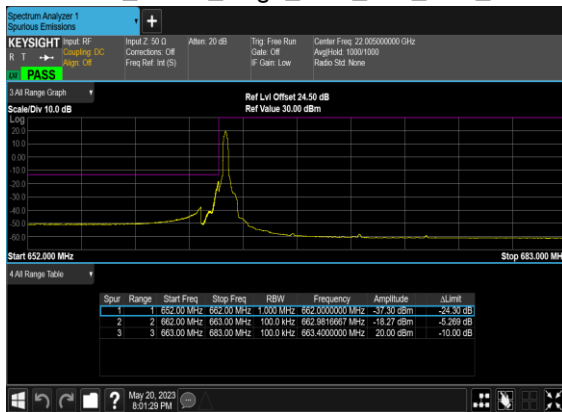
### N71(5M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



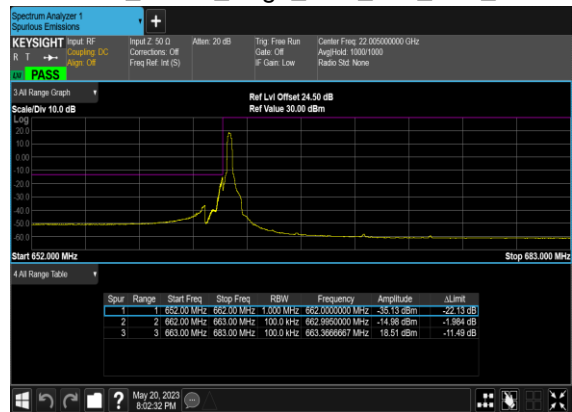
### N71(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



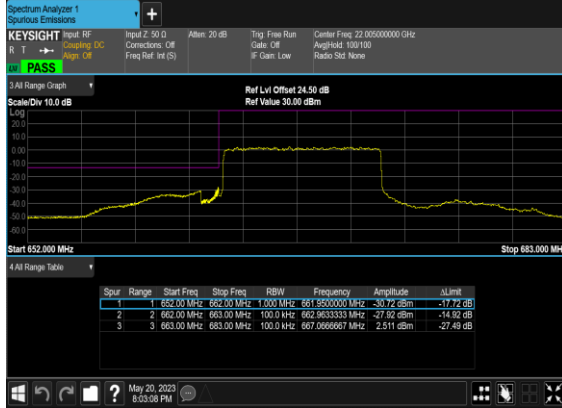
### N71(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



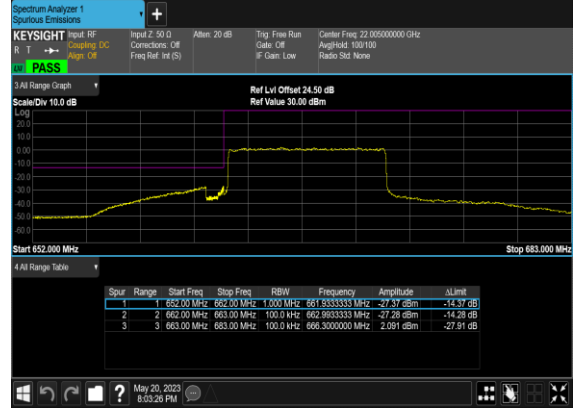
### N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



### N71(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



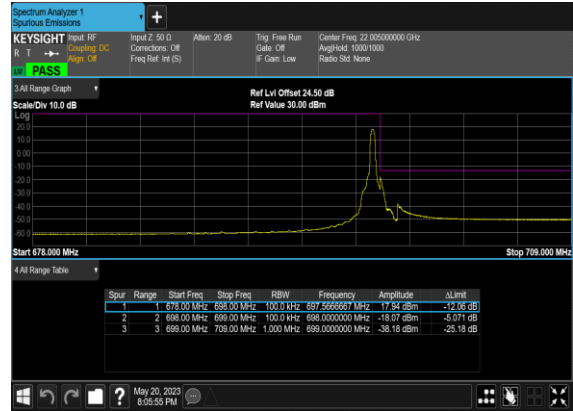
### N71(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



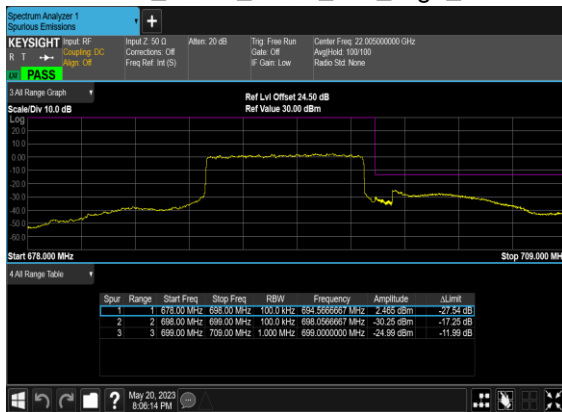
### N71(10M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



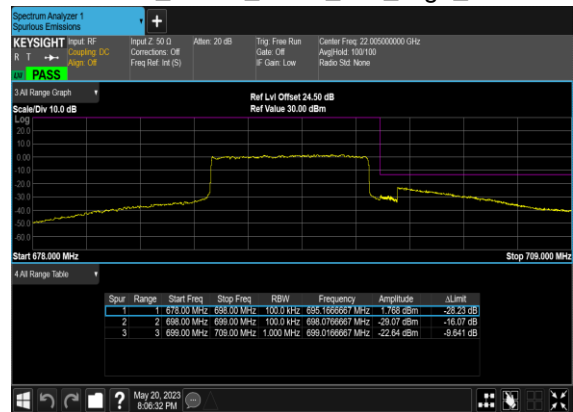
### N71(10M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



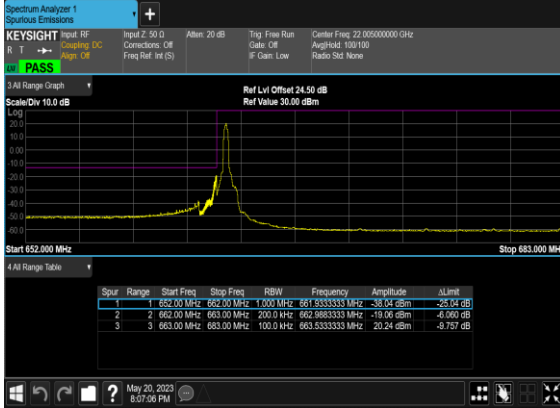
### N71(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



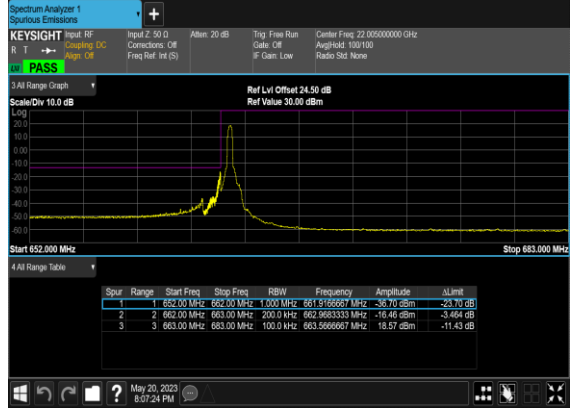
### N71(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



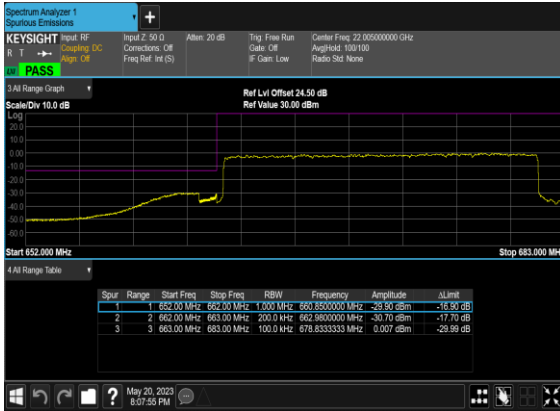
### N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



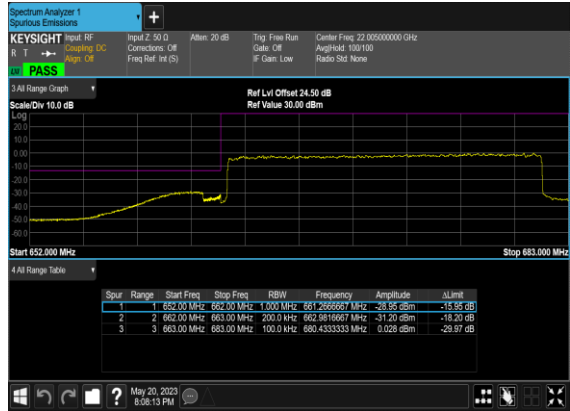
### N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



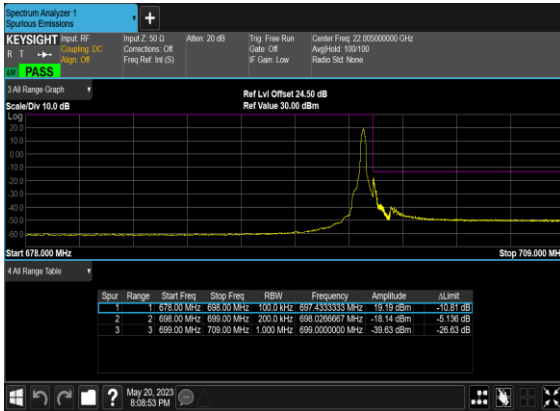
### N71(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



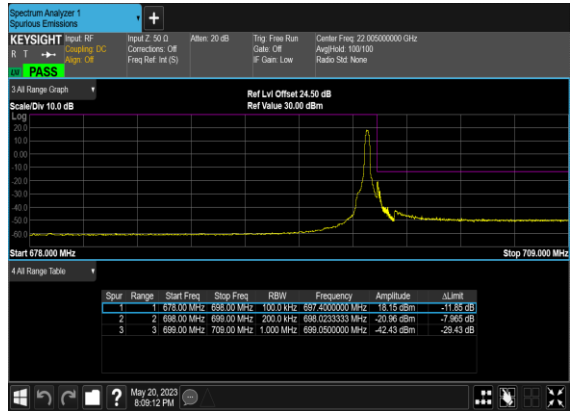
### N71(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



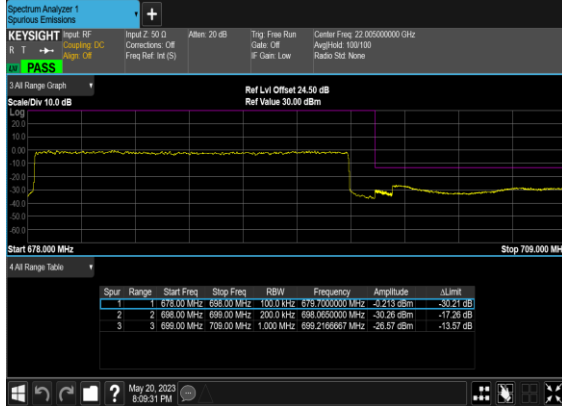
### N71(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



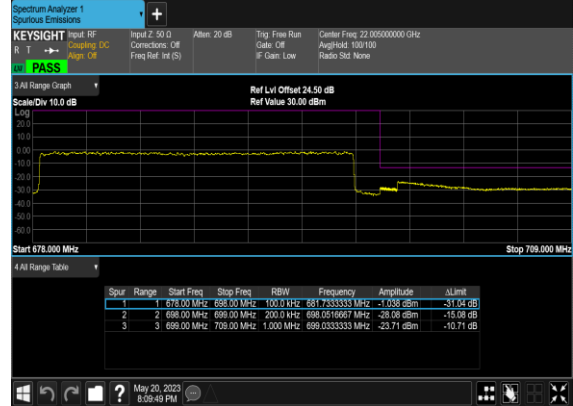
### N71(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



## N71(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



## N71(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH





### Appendix B. Test Results of Radiated Test

#### Radiated Spurious Emission

|                 |         |                     |         |
|-----------------|---------|---------------------|---------|
| Test Engineer : | Carl Ni | Temperature :       | 23~25°C |
|                 |         | Relative Humidity : | 41~42%  |

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

| SA n2 / NR 20MHz / QPSK / ANT0(NR) |                   |              |               |                   |                    |                      |                       |                    |
|------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                            | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                             | 3702              | -57.14       | -13           | -44.14            | -69.40             | 2.64                 | 14.90                 | H                  |
|                                    | 5553              | -55.34       | -13           | -42.34            | -67.20             | 2.94                 | 14.80                 | H                  |
|                                    | 7404              | -53.17       | -13           | -40.17            | -62.94             | 3.39                 | 13.16                 | H                  |
|                                    | 3702              | -57.21       | -13           | -44.21            | -69.47             | 2.64                 | 14.90                 | V                  |
|                                    | 5553              | -55.64       | -13           | -42.64            | -67.50             | 2.94                 | 14.80                 | V                  |
|                                    | 7404              | -53.07       | -13           | -40.07            | -62.84             | 3.39                 | 13.16                 | V                  |
| Middle                             | 3735              | -57.36       | -13           | -44.36            | -69.62             | 2.64                 | 14.90                 | H                  |
|                                    | 5610              | -55.33       | -13           | -42.33            | -67.19             | 2.94                 | 14.80                 | H                  |
|                                    | 7485              | -52.74       | -13           | -39.74            | -62.51             | 3.39                 | 13.16                 | H                  |
|                                    | 3735              | -57.50       | -13           | -44.50            | -69.76             | 2.64                 | 14.90                 | V                  |
|                                    | 5610              | -55.86       | -13           | -42.86            | -67.72             | 2.94                 | 14.80                 | V                  |
|                                    | 7485              | -52.78       | -13           | -39.78            | -62.55             | 3.39                 | 13.16                 | V                  |
| Highest                            | 3782              | -57.78       | -13           | -44.78            | -70.04             | 2.64                 | 14.90                 | H                  |
|                                    | 5673              | -55.98       | -13           | -42.98            | -67.84             | 2.94                 | 14.80                 | H                  |
|                                    | 7564              | -52.49       | -13           | -39.49            | -62.26             | 3.39                 | 13.16                 | H                  |
|                                    | 3782              | -57.73       | -13           | -44.73            | -69.99             | 2.64                 | 14.90                 | V                  |
|                                    | 5673              | -55.84       | -13           | -42.84            | -67.70             | 2.94                 | 14.80                 | V                  |
|                                    | 7564              | -52.68       | -13           | -39.68            | -62.45             | 3.39                 | 13.16                 | V                  |

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



| EN-DC_14A_n2A / LTE 10MHz + NR 20MHz / QPSK ANT3(LTE) & ANT0(NR) |                   |              |               |                   |                    |                      |                       |                    |
|--|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 3705              | -57.52       | -13           | -44.52            | -69.78             | 2.64                 | 14.90                 | H                  |
|  | 5550              | -55.27       | -13           | -42.27            | -67.13             | 2.94                 | 14.80                 | H                  |
|  | 7410              | -51.96       | -13           | -38.96            | -61.73             | 3.39                 | 13.16                 | H                  |
|  | 3705              | -57.28       | -13           | -44.28            | -69.54             | 2.64                 | 14.90                 | V                  |
|  | 5550              | -55.07       | -13           | -42.07            | -66.93             | 2.94                 | 14.80                 | V                  |
|  | 7410              | -52.98       | -13           | -39.98            | -62.75             | 3.39                 | 13.16                 | V                  |
| Middle   | 3735              | -57.07       | -13           | -44.07            | -69.33             | 2.64                 | 14.90                 | H                  |
|  | 5610              | -45.24       | -13           | -32.24            | -57.10             | 2.94                 | 14.80                 | H                  |
|  | 7485              | -52.62       | -13           | -39.62            | -62.39             | 3.39                 | 13.16                 | H                  |
|  | 3735              | -56.81       | -13           | -43.81            | -69.07             | 2.64                 | 14.90                 | V                  |
|  | 5610              | -44.38       | -13           | -31.38            | -56.24             | 2.94                 | 14.80                 | V                  |
|  | 7485              | -52.89       | -13           | -39.89            | -62.66             | 3.39                 | 13.16                 | V                  |
| Highest  | 3795              | -57.75       | -13           | -44.75            | -70.01             | 2.64                 | 14.90                 | H                  |
|  | 5685              | -55.67       | -13           | -42.67            | -67.53             | 2.94                 | 14.80                 | H                  |
|  | 7590              | -52.17       | -13           | -39.17            | -61.94             | 3.39                 | 13.16                 | H                  |
|  | 3795              | -57.27       | -13           | -44.27            | -69.53             | 2.64                 | 14.90                 | V                  |
|  | 5685              | -55.91       | -13           | -42.91            | -67.77             | 2.94                 | 14.80                 | V                  |
|  | 7590              | -52.35       | -13           | -39.35            | -62.12             | 3.39                 | 13.16                 | V                  |

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

| EN-DC_48A_n5A / LTE 20MHz + NR 20MHz / QPSK / ANT1(LTE) & ANT0(NR) |                   |             |               |                   |                    |                      |                       |                    |
|--|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 1648              | -63.33      | -13           | -50.33            | -70.30             | 1.58                 | 10.70                 | H                  |
|  | 2475.27           | -59.16      | -13           | -46.16            | -67.41             | 2.102                | 12.50                 | H                  |
|  | 3300.36           | -58.80      | -13           | -45.80            | -67.69             | 2.856                | 13.90                 | H                  |
|  | 1650.18           | -62.28      | -13           | -49.28            | -69.25             | 1.58                 | 10.70                 | V                  |
|  | 2475.27           | -57.30      | -13           | -44.30            | -65.55             | 2.10                 | 12.50                 | V                  |
|  | 3304              | -58.72      | -13           | -45.72            | -67.61             | 2.86                 | 13.90                 | V                  |
| Middle   | 1656              | -63.15      | -13           | -50.15            | -70.12             | 1.58                 | 10.70                 | H                  |
|  | 2482.77           | -59.36      | -13           | -46.36            | -67.61             | 2.102                | 12.50                 | H                  |
|  | 3310.36           | -58.56      | -13           | -45.56            | -67.45             | 2.856                | 13.90                 | H                  |
|  | 1655.18           | -61.84      | -13           | -48.84            | -68.81             | 1.58                 | 10.70                 | V                  |
|  | 2482.77           | -57.59      | -13           | -44.59            | -65.84             | 2.10                 | 12.50                 | V                  |
|  | 3312              | -58.69      | -13           | -45.69            | -67.58             | 2.86                 | 13.90                 | V                  |
| Highest  | 1664              | -62.84      | -13           | -49.84            | -69.81             | 1.58                 | 10.70                 | H                  |
|  | 2490.27           | -58.67      | -13           | -45.67            | -66.92             | 2.102                | 12.50                 | H                  |
|  | 3320.36           | -58.63      | -13           | -45.63            | -67.52             | 2.856                | 13.90                 | H                  |
|  | 1664              | -61.89      | -13           | -48.89            | -68.86             | 1.58                 | 10.70                 | V                  |
|  | 2490.27           | -57.05      | -13           | -44.05            | -65.30             | 2.10                 | 12.50                 | V                  |
|  | 3320.36           | -58.93      | -13           | -45.93            | -67.82             | 2.86                 | 13.90                 | V                  |

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





| SA n25 / NR 20MHz / QPSK / ANT0(NR) |                   |              |               |                   |                    |                      |                       |                    |
|-------------------------------------|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                             | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                              | 3705              | -57.15       | -13           | -44.15            | -69.41             | 2.64                 | 14.90                 | H                  |
|                                     | 5550              | -42.20       | -13           | -29.20            | -54.06             | 2.94                 | 14.80                 | H                  |
|                                     | 7410              | -53.13       | -13           | -40.13            | -62.90             | 3.39                 | 13.16                 | H                  |
|                                     | 3705              | -56.79       | -13           | -43.79            | -69.05             | 2.64                 | 14.90                 | V                  |
|                                     | 5550              | -50.97       | -13           | -37.97            | -62.83             | 2.94                 | 14.80                 | V                  |
|                                     | 7410              | -53.20       | -13           | -40.20            | -62.97             | 3.39                 | 13.16                 | V                  |
| Middle                              | 3750              | -57.36       | -13           | -44.36            | -69.62             | 2.64                 | 14.90                 | H                  |
|                                     | 5625              | -55.80       | -13           | -42.80            | -67.66             | 2.94                 | 14.80                 | H                  |
|                                     | 7500              | -52.69       | -13           | -39.69            | -62.46             | 3.39                 | 13.16                 | H                  |
|                                     | 3750              | -57.54       | -13           | -44.54            | -69.80             | 2.64                 | 14.90                 | V                  |
|                                     | 5625              | -56.50       | -13           | -43.50            | -68.36             | 2.94                 | 14.80                 | V                  |
|                                     | 7500              | -52.73       | -13           | -39.73            | -62.50             | 3.39                 | 13.16                 | V                  |
| Highest                             | 3795              | -57.72       | -13           | -44.72            | -69.98             | 2.64                 | 14.90                 | H                  |
|                                     | 5685              | -44.96       | -13           | -31.96            | -56.82             | 2.94                 | 14.80                 | H                  |
|                                     | 7590              | -52.50       | -13           | -39.50            | -62.27             | 3.39                 | 13.16                 | H                  |
|                                     | 3795              | -56.59       | -13           | -43.59            | -68.85             | 2.64                 | 14.90                 | V                  |
|                                     | 5685              | -48.85       | -13           | -35.85            | -60.71             | 2.94                 | 14.80                 | V                  |
|                                     | 7590              | -52.62       | -13           | -39.62            | -62.39             | 3.39                 | 13.16                 | V                  |

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

| EN-DC_7A_n25A / LTE 20MHz + NR 20MHz / QPSK / ANT2(LTE) & ANT0(NR) |                   |              |               |                   |                    |                      |                       |                    |
|--|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 3705              | -57.34       | -13           | -44.34            | -69.60             | 2.64                 | 14.90                 | H                  |
|  | 5550              | -55.74       | -13           | -42.74            | -67.60             | 2.94                 | 14.80                 | H                  |
|  | 7410              | -52.69       | -13           | -39.69            | -62.46             | 3.39                 | 13.16                 | H                  |
|  | 3705              | -57.60       | -13           | -44.60            | -69.86             | 2.64                 | 14.90                 | V                  |
|  | 5550              | -55.13       | -13           | -42.13            | -66.99             | 2.94                 | 14.80                 | V                  |
|  | 7410              | -52.95       | -13           | -39.95            | -62.72             | 3.39                 | 13.16                 | V                  |
| Middle   | 3750              | -57.53       | -13           | -44.53            | -69.79             | 2.64                 | 14.90                 | H                  |
|  | 5625              | -55.66       | -13           | -42.66            | -67.52             | 2.94                 | 14.80                 | H                  |
|  | 7500              | -52.68       | -13           | -39.68            | -62.45             | 3.39                 | 13.16                 | H                  |
|  | 3750              | -57.31       | -13           | -44.31            | -69.57             | 2.64                 | 14.90                 | V                  |
|  | 5625              | -56.18       | -13           | -43.18            | -68.04             | 2.94                 | 14.80                 | V                  |
|  | 7500              | -52.91       | -13           | -39.91            | -62.68             | 3.39                 | 13.16                 | V                  |
| Highest  | 3795              | -57.72       | -13           | -44.72            | -69.98             | 2.64                 | 14.90                 | H                  |
|  | 5685              | -55.65       | -13           | -42.65            | -67.51             | 2.94                 | 14.80                 | H                  |
|  | 7590              | -52.64       | -13           | -39.64            | -62.41             | 3.39                 | 13.16                 | H                  |
|  | 3795              | -57.57       | -13           | -44.57            | -69.83             | 2.64                 | 14.90                 | V                  |
|  | 5685              | -55.87       | -13           | -42.87            | -67.73             | 2.94                 | 14.80                 | V                  |
|  | 7590              | -52.48       | -13           | -39.48            | -62.25             | 3.39                 | 13.16                 | V                  |

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



| SA n71 / NR 20MHz / QPSK / ANT1(NR) |                   |             |               |                   |                    |                      |                       |                    |
|-------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                             | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                              | 1328              | -66.10      | -13           | -53.10            | -67.85             | 1.02                 | 4.92                  | H                  |
|                                     | 1992              | -51.96      | -13           | -38.96            | -53.93             | 1.27                 | 5.39                  | H                  |
|                                     | 2656              | -58.62      | -13           | -45.62            | -61.55             | 1.49                 | 6.57                  | H                  |
|                                     | 1328              | -64.82      | -13           | -51.82            | -66.57             | 1.02                 | 4.92                  | V                  |
|                                     | 1992              | -42.16      | -13           | -29.16            | -44.13             | 1.27                 | 5.39                  | V                  |
|                                     | 2656              | -58.08      | -13           | -45.08            | -61.01             | 1.49                 | 6.57                  | V                  |
| Middle                              | 1344              | -65.73      | -13           | -52.73            | -67.48             | 1.02                 | 4.92                  | H                  |
|                                     | 2016              | -52.85      | -13           | -39.85            | -54.82             | 1.27                 | 5.39                  | H                  |
|                                     | 2688              | -58.48      | -13           | -45.48            | -61.41             | 1.49                 | 6.57                  | H                  |
|                                     | 1344              | -65.02      | -13           | -52.02            | -66.77             | 1.02                 | 4.92                  | V                  |
|                                     | 2016              | -39.99      | -13           | -26.99            | -41.96             | 1.27                 | 5.39                  | V                  |
|                                     | 2688              | -58.08      | -13           | -45.08            | -61.01             | 1.49                 | 6.57                  | V                  |
| Highest                             | 1360              | -65.72      | -13           | -52.72            | -67.47             | 1.02                 | 4.92                  | H                  |
|                                     | 2032              | -50.47      | -13           | -37.47            | -52.44             | 1.27                 | 5.39                  | H                  |
|                                     | 2712              | -58.50      | -13           | -45.50            | -61.43             | 1.49                 | 6.57                  | H                  |
|                                     | 1360              | -64.91      | -13           | -51.91            | -66.66             | 1.02                 | 4.92                  | V                  |
|                                     | 2032              | -39.42      | -13           | -26.42            | -41.39             | 1.27                 | 5.39                  | V                  |
|                                     | 2712              | -58.15      | -13           | -45.15            | -61.08             | 1.49                 | 6.57                  | V                  |

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

| EN-DC_48A_n71A / LTE 20MHz + NR 20MHz / QPSK / ANT2(LTE) & ANT1(NR) |                   |              |               |                   |                    |                      |                       |                    |
|---|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel   | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest  | 1328              | -65.75       | -13           | -52.75            | -67.50             | 1.02                 | 4.92                  | H                  |
|   | 1992.27           | -60.63       | -13           | -47.63            | -62.60             | 1.27                 | 5.39                  | H                  |
|   | 2656.36           | -58.26       | -13           | -45.26            | -61.19             | 1.49                 | 6.57                  | H                  |
|   | 1328.18           | -65.26       | -13           | -52.26            | -67.01             | 1.02                 | 4.92                  | V                  |
|   | 1992.27           | -59.94       | -13           | -46.94            | -61.91             | 1.27                 | 5.39                  | V                  |
|   | 2656              | -58.06       | -13           | -45.06            | -60.99             | 1.49                 | 6.57                  | V                  |
| Middle  | 1344              | -65.61       | -13           | -52.61            | -67.36             | 1.02                 | 4.92                  | H                  |
|   | 2016              | -54.64       | -13           | -41.64            | -56.61             | 1.27                 | 5.39                  | H                  |
|   | 2688              | -58.36       | -13           | -45.36            | -61.29             | 1.49                 | 6.57                  | H                  |
|   | 1344              | -65.29       | -13           | -52.29            | -67.04             | 1.02                 | 4.92                  | V                  |
|   | 2016              | -57.53       | -13           | -44.53            | -59.50             | 1.27                 | 5.39                  | V                  |
|   | 2688              | -57.77       | -13           | -44.77            | -60.70             | 1.49                 | 6.57                  | V                  |
| Highest   | 1360              | -65.75       | -13           | -52.75            | -67.50             | 1.02                 | 4.92                  | H                  |
|   | 2037.27           | -60.64       | -13           | -47.64            | -62.61             | 1.27                 | 5.39                  | H                  |
|   | 2716.36           | -57.96       | -13           | -44.96            | -60.89             | 1.49                 | 6.57                  | H                  |
|   | 1358.18           | -64.81       | -13           | -51.81            | -66.56             | 1.02                 | 4.92                  | V                  |
|   | 2037.27           | -59.29       | -13           | -46.29            | -61.26             | 1.27                 | 5.39                  | V                  |
|   | 2720              | -56.58       | -13           | -43.58            | -59.51             | 1.49                 | 6.57                  | V                  |

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



For Other PA:

| EN-DC_48A_n2A / LTE 20MHz + NR 20MHz / QPSK ANT3(LTE) & ANT0(NR) |                   |              |               |                   |                    |                      |                       |                    |
|--|-------------------|--------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel  | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest   | 3705              | -57.04       | -13           | -44.04            | -69.30             | 2.64                 | 14.90                 | H                  |
|  | 5550              | -55.20       | -13           | -42.20            | -67.06             | 2.94                 | 14.80                 | H                  |
|  | 7410              | -52.86       | -13           | -39.86            | -62.63             | 3.39                 | 13.16                 | H                  |
|  | 3705              | -57.15       | -13           | -44.15            | -69.41             | 2.64                 | 14.90                 | V                  |
|  | 5550              | -55.57       | -13           | -42.57            | -67.43             | 2.94                 | 14.80                 | V                  |
|  | 7410              | -53.03       | -13           | -40.03            | -62.80             | 3.39                 | 13.16                 | V                  |
| Middle   | 3735              | -57.39       | -13           | -44.39            | -69.65             | 2.64                 | 14.90                 | H                  |
|  | 5610              | -55.36       | -13           | -42.36            | -67.22             | 2.94                 | 14.80                 | H                  |
|  | 7485              | -52.86       | -13           | -39.86            | -62.63             | 3.39                 | 13.16                 | H                  |
|  | 3735              | -57.01       | -13           | -44.01            | -69.27             | 2.64                 | 14.90                 | V                  |
|  | 5610              | -55.81       | -13           | -42.81            | -67.67             | 2.94                 | 14.80                 | V                  |
|  | 7485              | -52.86       | -13           | -39.86            | -62.63             | 3.39                 | 13.16                 | V                  |
| Highest  | 3795              | -58.70       | -13           | -45.70            | -70.96             | 2.64                 | 14.90                 | H                  |
|  | 5685              | -56.85       | -13           | -43.85            | -68.71             | 2.94                 | 14.80                 | H                  |
|  | 7590              | -52.78       | -13           | -39.78            | -62.55             | 3.39                 | 13.16                 | H                  |
|  | 3795              | -57.32       | -13           | -44.32            | -69.58             | 2.64                 | 14.90                 | V                  |
|  | 5685              | -55.95       | -13           | -42.95            | -67.81             | 2.94                 | 14.80                 | V                  |
|  | 7590              | -52.14       | -13           | -39.14            | -61.91             | 3.39                 | 13.16                 | V                  |

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