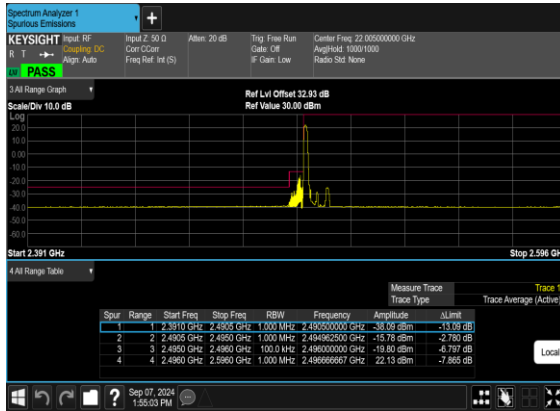




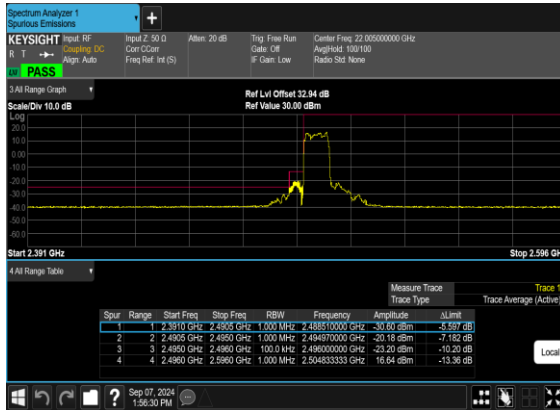
N41(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



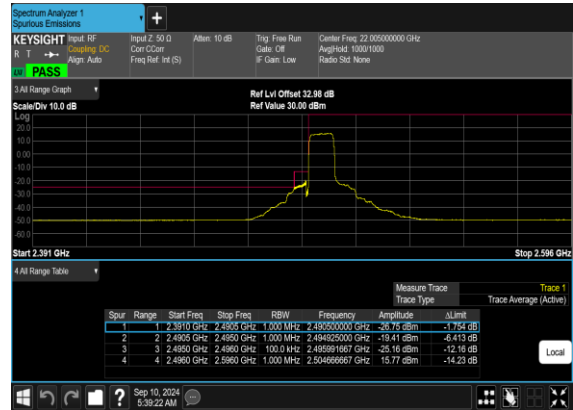
N41(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N41(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH

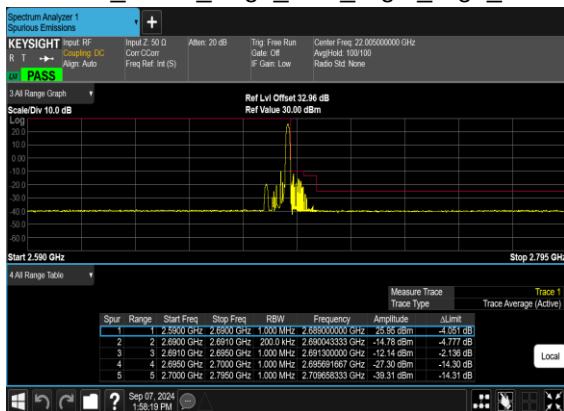


N41(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

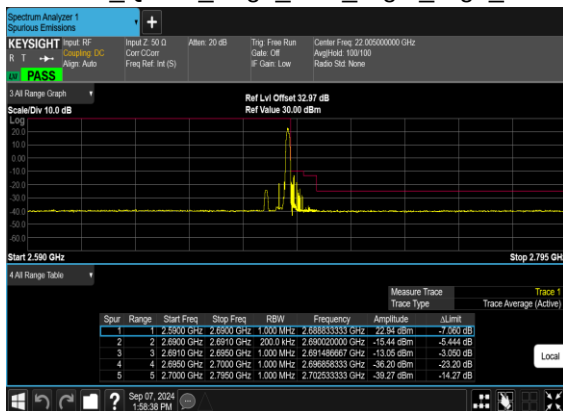




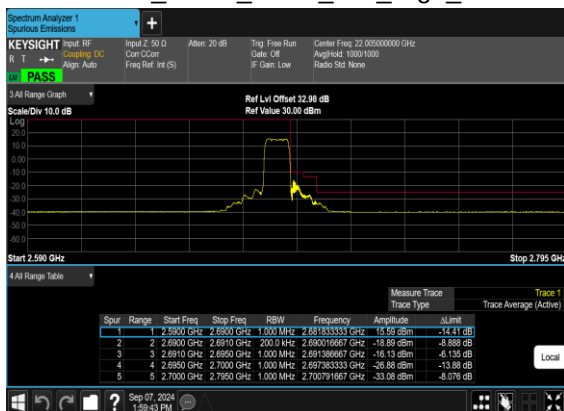
N41(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



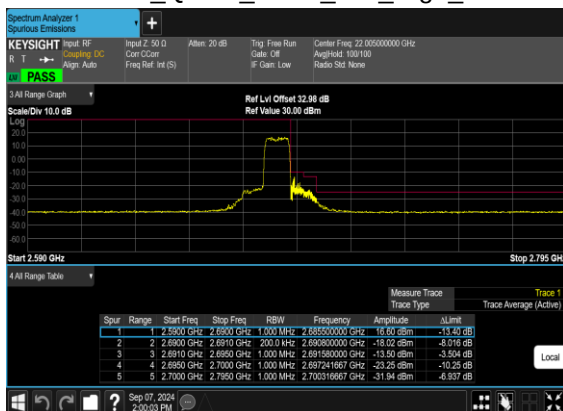
N41(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N41(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N41(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH

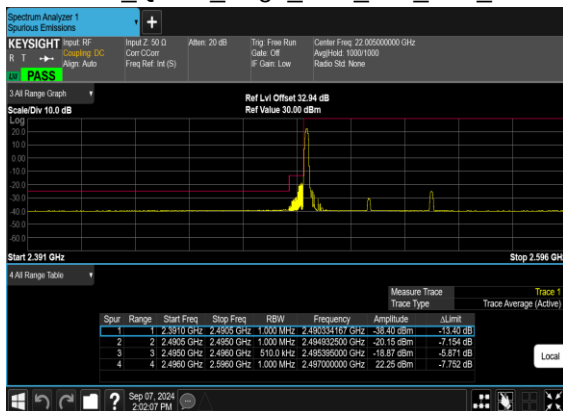




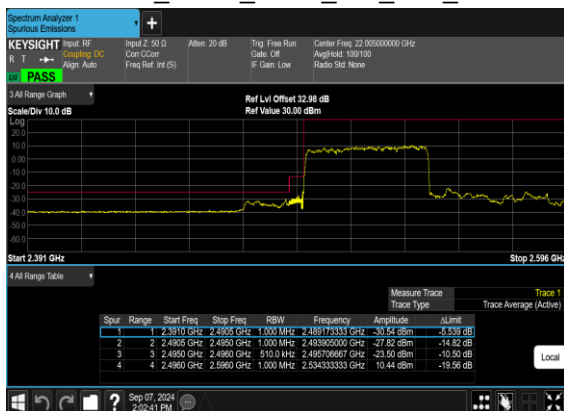
N41(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



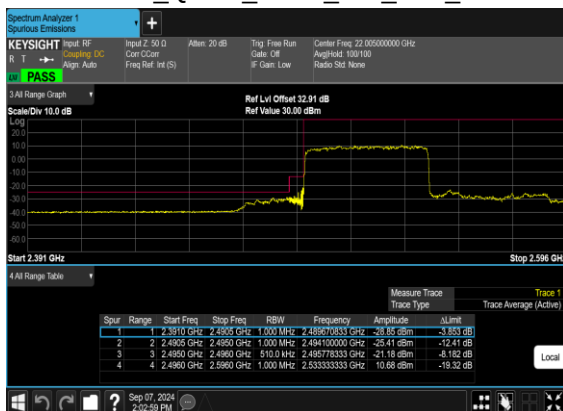
N41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N41(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH

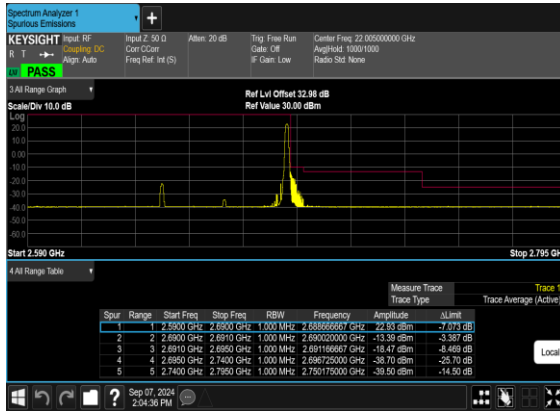


N41(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

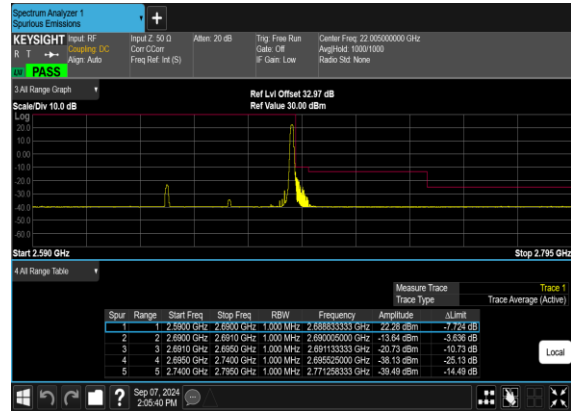




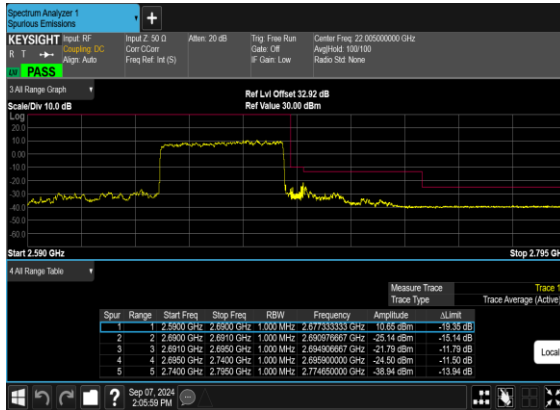
N41(50M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



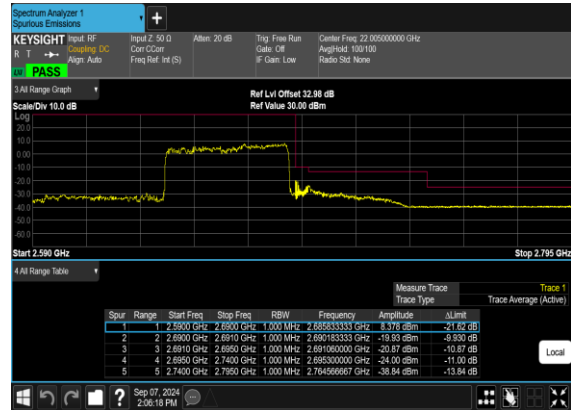
N41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N41(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH

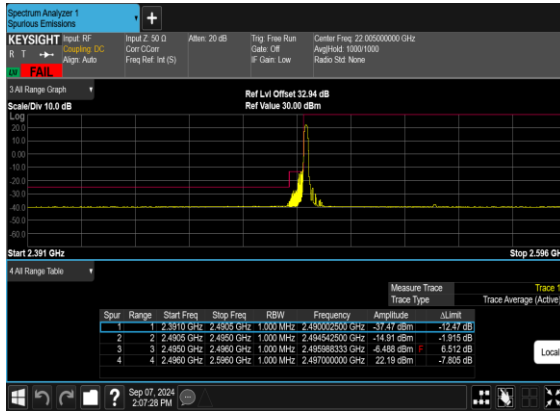


N41(50M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH

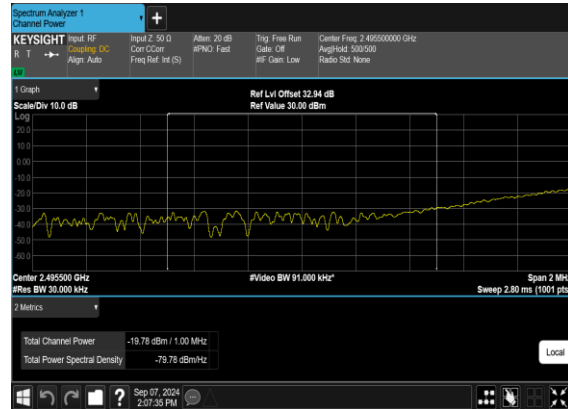




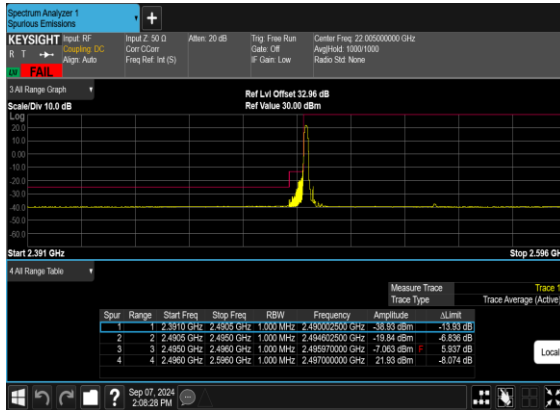
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



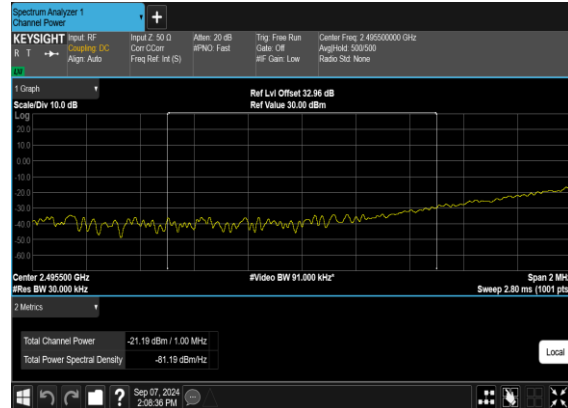
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_chp\_  
PASS

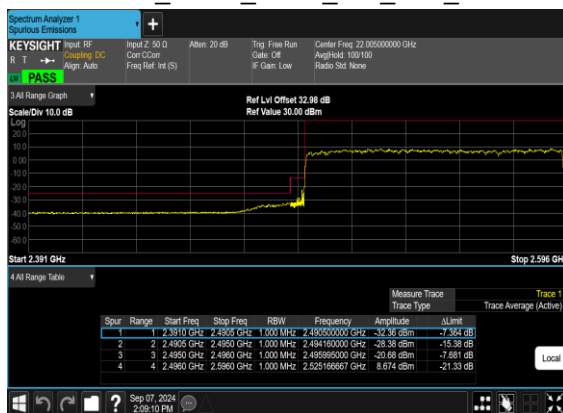
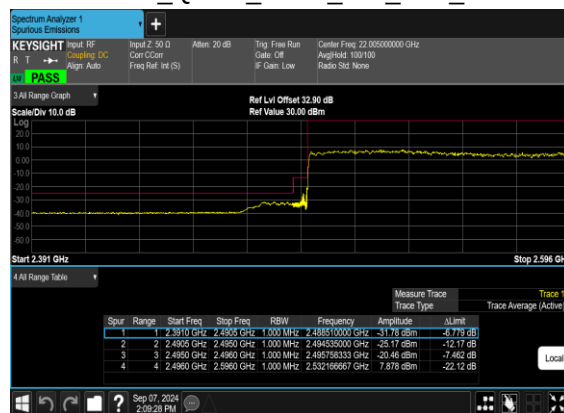
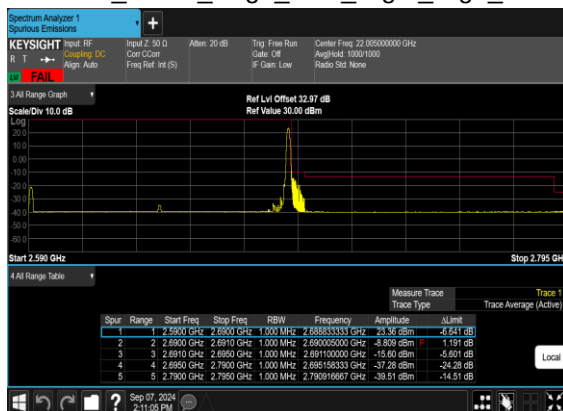
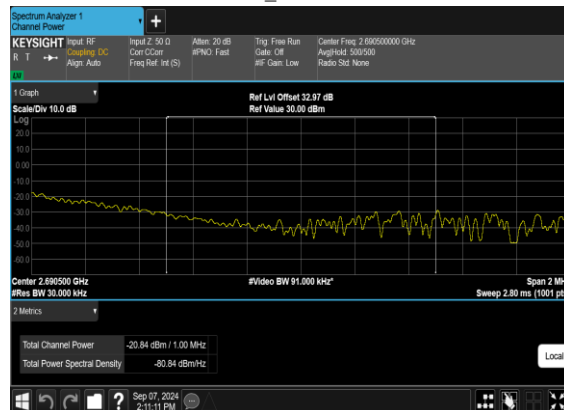


N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



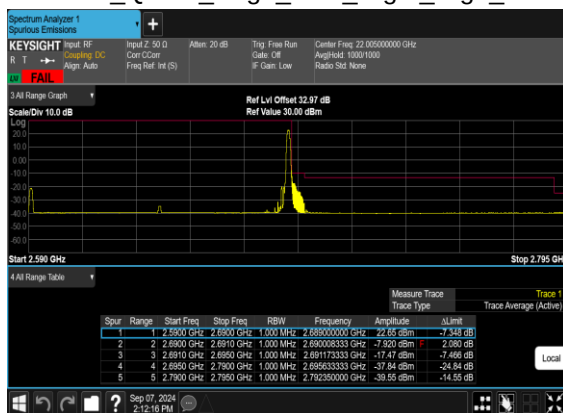
N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH\_chp\_  
PASS



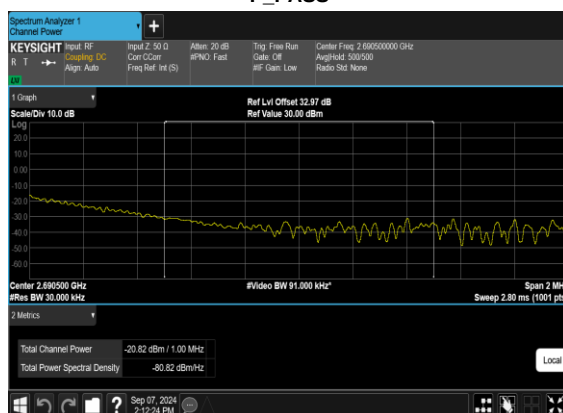
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CHN41(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CHN41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CHN41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_ch  
P\_PASS



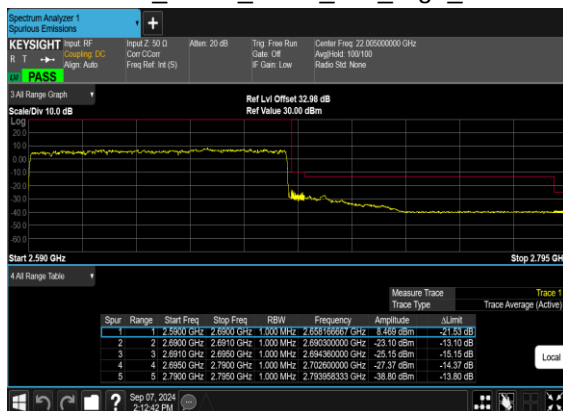
N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



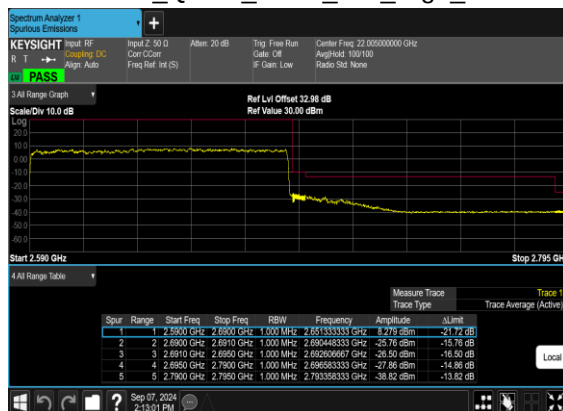
N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_ch  
P\_PASS



N41(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N41(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH





Software Version: 23.06.1602

# FR1 N71

## Transmitter Conducted Output Power And ERP, (G<sub>T</sub> - L<sub>C</sub>)=-16.3dB

| NR Band | SCS | BandWidth | Arfcn  | Freq(MHz) | Modulation           | RB    | Conducted Power(dBm) | ERP(dBm) | ERP(W) |
|---------|-----|-----------|--------|-----------|----------------------|-------|----------------------|----------|--------|
| 71      | 15  | 5         | 133100 | 665.5     | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.37                | 5.92     | 0.0039 |
| 71      | 15  | 5         | 133100 | 665.5     | DFT-s-OFDM QPSK      | 1@1   | 24.34                | 5.89     | 0.0039 |
| 71      | 15  | 5         | 133100 | 665.5     | DFT-s-OFDM 16 QAM    | 1@1   | 23.28                | 4.83     | 0.0030 |
| 71      | 15  | 5         | 136100 | 680.5     | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.99                | 5.54     | 0.0036 |
| 71      | 15  | 5         | 136100 | 680.5     | DFT-s-OFDM QPSK      | 1@1   | 24.00                | 5.55     | 0.0036 |
| 71      | 15  | 5         | 136100 | 680.5     | DFT-s-OFDM 16 QAM    | 1@1   | 23.07                | 4.62     | 0.0029 |
| 71      | 15  | 5         | 139100 | 695.5     | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.76                | 5.31     | 0.0034 |
| 71      | 15  | 5         | 139100 | 695.5     | DFT-s-OFDM QPSK      | 1@1   | 24.00                | 5.55     | 0.0036 |
| 71      | 15  | 5         | 139100 | 695.5     | DFT-s-OFDM 16 QAM    | 1@1   | 22.75                | 4.30     | 0.0027 |
| 71      | 15  | 10        | 133600 | 668       | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.34                | 5.89     | 0.0039 |
| 71      | 15  | 10        | 133600 | 668       | DFT-s-OFDM QPSK      | 1@1   | 24.34                | 5.89     | 0.0039 |
| 71      | 15  | 10        | 133600 | 668       | DFT-s-OFDM 16 QAM    | 1@1   | 23.27                | 4.82     | 0.0030 |
| 71      | 15  | 10        | 136100 | 680.5     | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.02                | 5.57     | 0.0036 |
| 71      | 15  | 10        | 136100 | 680.5     | DFT-s-OFDM QPSK      | 1@1   | 24.20                | 5.75     | 0.0038 |
| 71      | 15  | 10        | 136100 | 680.5     | DFT-s-OFDM 16 QAM    | 1@1   | 23.16                | 4.71     | 0.0030 |
| 71      | 15  | 10        | 138600 | 693       | DFT-s-OFDM PI/2 BPSK | 1@1   | 23.98                | 5.53     | 0.0036 |
| 71      | 15  | 10        | 138600 | 693       | DFT-s-OFDM QPSK      | 1@1   | 24.02                | 5.57     | 0.0036 |
| 71      | 15  | 10        | 138600 | 693       | DFT-s-OFDM 16 QAM    | 1@1   | 22.97                | 4.52     | 0.0028 |
| 71      | 15  | 15        | 134100 | 670.5     | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.36                | 5.91     | 0.0039 |
| 71      | 15  | 15        | 134100 | 670.5     | DFT-s-OFDM QPSK      | 1@1   | 24.44                | 5.99     | 0.0040 |
| 71      | 15  | 15        | 134100 | 670.5     | DFT-s-OFDM 16 QAM    | 1@1   | 23.24                | 4.79     | 0.0030 |
| 71      | 15  | 15        | 136100 | 680.5     | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.13                | 5.68     | 0.0037 |
| 71      | 15  | 15        | 136100 | 680.5     | DFT-s-OFDM QPSK      | 1@1   | 24.16                | 5.71     | 0.0037 |
| 71      | 15  | 15        | 136100 | 680.5     | DFT-s-OFDM 16 QAM    | 1@1   | 23.15                | 4.70     | 0.0030 |
| 71      | 15  | 15        | 138100 | 690.5     | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.00                | 5.55     | 0.0036 |
| 71      | 15  | 15        | 138100 | 690.5     | DFT-s-OFDM QPSK      | 1@1   | 23.97                | 5.52     | 0.0036 |
| 71      | 15  | 15        | 138100 | 690.5     | DFT-s-OFDM 16 QAM    | 1@1   | 23.03                | 4.58     | 0.0029 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM PI/2 BPSK | 50@25 | 24.16                | 5.71     | 0.0037 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.39                | 5.94     | 0.0039 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM PI/2 BPSK | 1@104 | 24.00                | 5.55     | 0.0036 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM QPSK      | 50@25 | 24.18                | 5.73     | 0.0037 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM QPSK      | 1@1   | 24.29                | 5.84     | 0.0038 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM QPSK      | 1@104 | 24.07                | 5.62     | 0.0036 |



| NR Band | SCS | BandWidth | Arfcn  | Freq(MHz) | Modulation           | RB    | Conducted Power(dBm) | ERP(dBm) | ERP(W) |
|---------|-----|-----------|--------|-----------|----------------------|-------|----------------------|----------|--------|
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM 16 QAM    | 50@25 | 23.24                | 4.79     | 0.0030 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM 16 QAM    | 1@1   | 23.24                | 4.79     | 0.0030 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM 16 QAM    | 1@104 | 23.09                | 4.64     | 0.0029 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM 64 QAM    | 50@25 | 21.75                | 3.30     | 0.0021 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM 64 QAM    | 1@1   | 21.97                | 3.52     | 0.0022 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM 64 QAM    | 1@104 | 21.70                | 3.25     | 0.0021 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM 256 QAM   | 50@25 | 18.66                | 0.21     | 0.0010 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM 256 QAM   | 1@1   | 18.97                | 0.52     | 0.0011 |
| 71      | 15  | 20        | 134600 | 673       | DFT-s-OFDM 256 QAM   | 1@104 | 18.85                | 0.40     | 0.0011 |
| 71      | 15  | 20        | 134600 | 673       | CP-OFDM QPSK         | 53@26 | 22.60                | 4.15     | 0.0026 |
| 71      | 15  | 20        | 134600 | 673       | CP-OFDM QPSK         | 1@1   | 22.69                | 4.24     | 0.0027 |
| 71      | 15  | 20        | 134600 | 673       | CP-OFDM QPSK         | 1@104 | 22.35                | 3.90     | 0.0025 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM PI/2 BPSK | 50@25 | 24.10                | 5.65     | 0.0037 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.26                | 5.81     | 0.0038 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.77                | 5.32     | 0.0034 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM QPSK      | 50@25 | 24.07                | 5.62     | 0.0036 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM QPSK      | 1@1   | 24.09                | 5.64     | 0.0037 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM QPSK      | 1@104 | 23.80                | 5.35     | 0.0034 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM 16 QAM    | 50@25 | 23.04                | 4.59     | 0.0029 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM 16 QAM    | 1@1   | 23.17                | 4.72     | 0.0030 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM 16 QAM    | 1@104 | 22.88                | 4.43     | 0.0028 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM 64 QAM    | 50@25 | 21.65                | 3.20     | 0.0021 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM 64 QAM    | 1@1   | 21.85                | 3.40     | 0.0022 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM 64 QAM    | 1@104 | 21.53                | 3.08     | 0.0020 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM 256 QAM   | 50@25 | 19.52                | 1.07     | 0.0013 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM 256 QAM   | 1@1   | 18.86                | 0.41     | 0.0011 |
| 71      | 15  | 20        | 136100 | 680.5     | DFT-s-OFDM 256 QAM   | 1@104 | 18.68                | 0.23     | 0.0011 |
| 71      | 15  | 20        | 136100 | 680.5     | CP-OFDM QPSK         | 53@26 | 22.56                | 4.11     | 0.0026 |
| 71      | 15  | 20        | 136100 | 680.5     | CP-OFDM QPSK         | 1@1   | 22.67                | 4.22     | 0.0026 |
| 71      | 15  | 20        | 136100 | 680.5     | CP-OFDM QPSK         | 1@104 | 22.37                | 3.92     | 0.0025 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM PI/2 BPSK | 50@25 | 23.90                | 5.45     | 0.0035 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM PI/2 BPSK | 1@1   | 24.07                | 5.62     | 0.0036 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM PI/2 BPSK | 1@104 | 23.65                | 5.20     | 0.0033 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM QPSK      | 50@25 | 23.98                | 5.53     | 0.0036 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM QPSK      | 1@1   | 24.02                | 5.57     | 0.0036 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM QPSK      | 1@104 | 23.72                | 5.27     | 0.0034 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM 16 QAM    | 50@25 | 22.94                | 4.49     | 0.0028 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM 16 QAM    | 1@1   | 23.06                | 4.61     | 0.0029 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM 16 QAM    | 1@104 | 22.63                | 4.18     | 0.0026 |



| NR Band | SCS | BandWidth | Arfcn  | Freq(MHz) | Modulation         | RB    | Conducted Power(dBm) | ERP(dBm) | ERP(W) |
|---------|-----|-----------|--------|-----------|--------------------|-------|----------------------|----------|--------|
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM 64 QAM  | 50@25 | 21.55                | 3.10     | 0.0020 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM 64 QAM  | 1@1   | 21.81                | 3.36     | 0.0022 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM 64 QAM  | 1@104 | 21.42                | 2.97     | 0.0020 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM 256 QAM | 50@25 | 19.39                | 0.94     | 0.0012 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM 256 QAM | 1@1   | 18.76                | 0.31     | 0.0011 |
| 71      | 15  | 20        | 137600 | 688       | DFT-s-OFDM 256 QAM | 1@104 | 18.51                | 0.06     | 0.0010 |
| 71      | 15  | 20        | 137600 | 688       | CP-OFDM QPSK       | 53@26 | 22.43                | 3.98     | 0.0025 |
| 71      | 15  | 20        | 137600 | 688       | CP-OFDM QPSK       | 1@1   | 22.61                | 4.16     | 0.0026 |
| 71      | 15  | 20        | 137600 | 688       | CP-OFDM QPSK       | 1@104 | 22.14                | 3.69     | 0.0023 |



## Frequency Stability

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Deviation (ppm) | Verdict | Environment |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------------|---------|-------------|
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM QPSK | 100@0 | 0.0034          | PASS    | NV          |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM QPSK | 100@0 | 0.0052          | PASS    | LV          |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM QPSK | 100@0 | 0.0069          | PASS    | HV          |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM QPSK | 100@0 | 0.0041          | PASS    | -30°C       |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM QPSK | 100@0 | 0.0029          | PASS    | -20°C       |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM QPSK | 100@0 | 0.0027          | PASS    | -10°C       |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM QPSK | 100@0 | 0.0059          | PASS    | 0°C         |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM QPSK | 100@0 | 0.0037          | PASS    | 10°C        |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM QPSK | 100@0 | 0.0042          | PASS    | 20°C        |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM QPSK | 100@0 | 0.0026          | PASS    | 30°C        |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM QPSK | 100@0 | 0.0071          | PASS    | 40°C        |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM QPSK | 100@0 | 0.0036          | PASS    | 50°C        |



### Peak to Average Ratio

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation              | RB    | Result (dB) | Limit (dB) | Verdict |
|---------|-----------|-----------------|--------|------------|-------------------------|-------|-------------|------------|---------|
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM<br>PI/2 BPSK | 100@0 | 4.08        | 13         | PASS    |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM<br>PI/2 BPSK | 1@0   | 3.86        | 13         | PASS    |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM<br>QPSK      | 100@0 | 5.48        | 13         | PASS    |
| 71      | 15        | 20              | 136100 | 680.5      | DFT-s-OFDM<br>QPSK      | 1@0   | 5.39        | 13         | PASS    |



N71(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Outer\_Full\_Mid\_CH



N71(20M)\_DFT-s-OFDM\_PI\_2-  
BPSK\_Edge\_1RB\_Left\_Mid\_CH



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



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

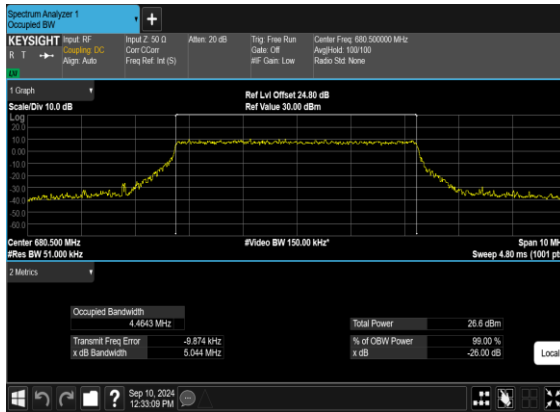


**Occupied Bandwidth**

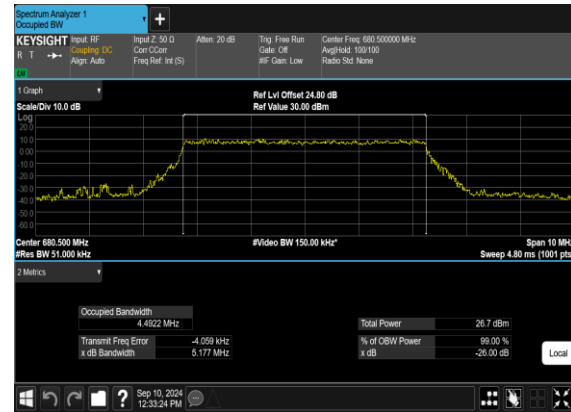
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | OBW (MHz) | 26dB BW (MHz) |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------------|
| 71      | 15        | 5               | 136100 | 680.5      | CP-OFDM QPSK    | 25@0  | 4.4643    | 5.044         |
| 71      | 15        | 5               | 136100 | 680.5      | CP-OFDM 16 QAM  | 25@0  | 4.4922    | 5.177         |
| 71      | 15        | 5               | 136100 | 680.5      | CP-OFDM 64 QAM  | 25@0  | 4.4786    | 5.072         |
| 71      | 15        | 5               | 136100 | 680.5      | CP-OFDM 256 QAM | 25@0  | 4.4754    | 5.156         |
| 71      | 15        | 10              | 136100 | 680.5      | CP-OFDM QPSK    | 52@0  | 9.2767    | 10.11         |
| 71      | 15        | 10              | 136100 | 680.5      | CP-OFDM 16 QAM  | 52@0  | 9.2693    | 10.05         |
| 71      | 15        | 10              | 136100 | 680.5      | CP-OFDM 64 QAM  | 52@0  | 9.2868    | 9.953         |
| 71      | 15        | 10              | 136100 | 680.5      | CP-OFDM 256 QAM | 52@0  | 9.2942    | 10.01         |
| 71      | 15        | 15              | 136100 | 680.5      | CP-OFDM QPSK    | 79@0  | 14.062    | 14.9          |
| 71      | 15        | 15              | 136100 | 680.5      | CP-OFDM 16 QAM  | 79@0  | 14.072    | 14.88         |
| 71      | 15        | 15              | 136100 | 680.5      | CP-OFDM 64 QAM  | 79@0  | 14.11     | 15.04         |
| 71      | 15        | 15              | 136100 | 680.5      | CP-OFDM 256 QAM | 79@0  | 14.077    | 14.82         |
| 71      | 15        | 20              | 136100 | 680.5      | CP-OFDM QPSK    | 106@0 | 18.901    | 19.85         |
| 71      | 15        | 20              | 136100 | 680.5      | CP-OFDM 16 QAM  | 106@0 | 18.926    | 19.85         |
| 71      | 15        | 20              | 136100 | 680.5      | CP-OFDM 64 QAM  | 106@0 | 18.911    | 19.73         |
| 71      | 15        | 20              | 136100 | 680.5      | CP-OFDM 256 QAM | 106@0 | 18.865    | 19.81         |



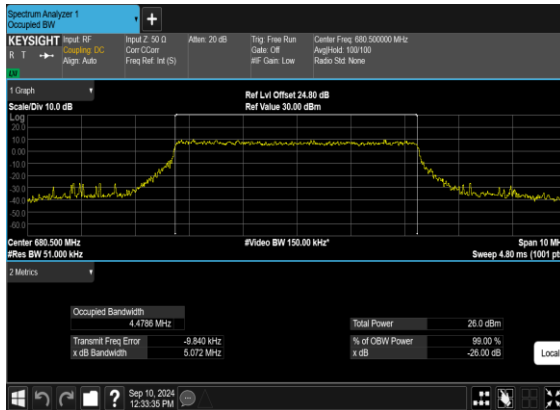
N71(5M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



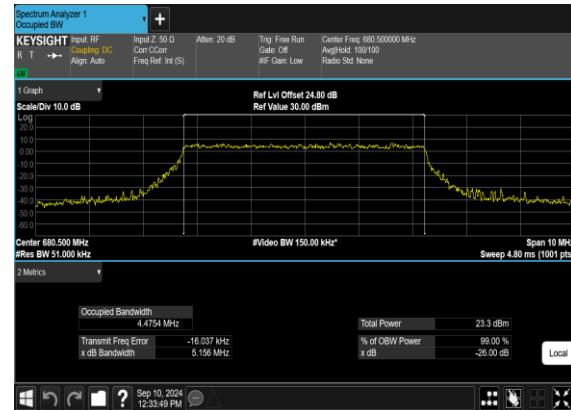
N71(5M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N71(5M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

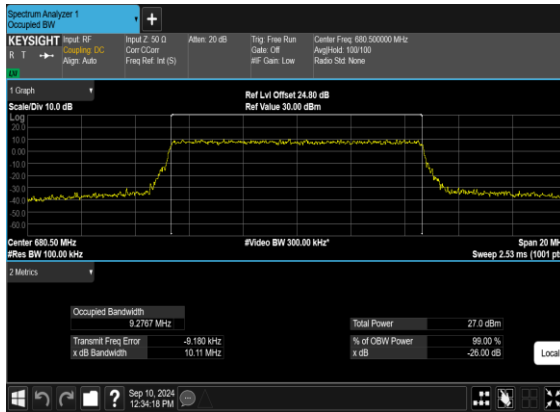


N71(5M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

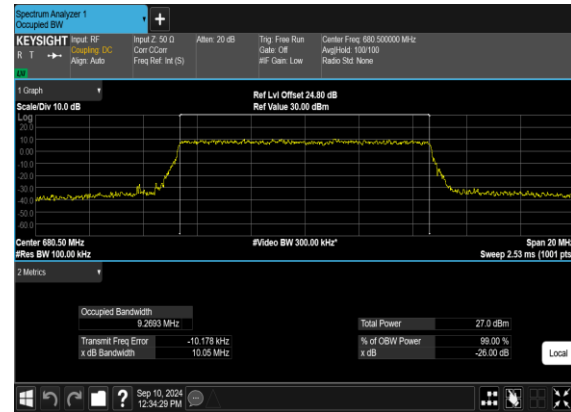




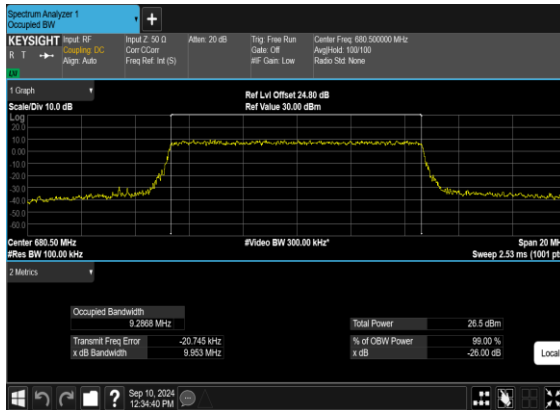
N71(10M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



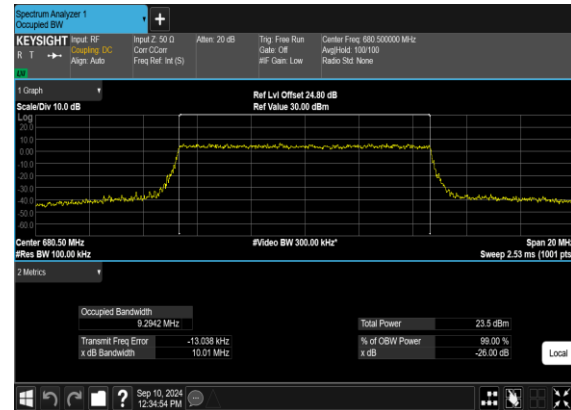
N71(10M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N71(10M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

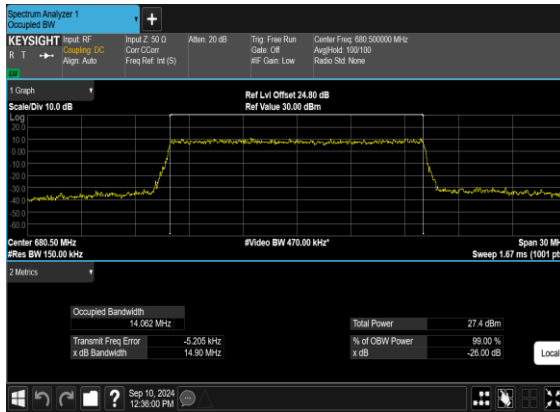


N71(10M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

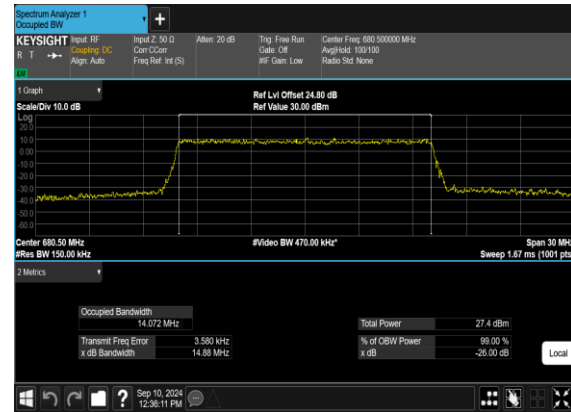




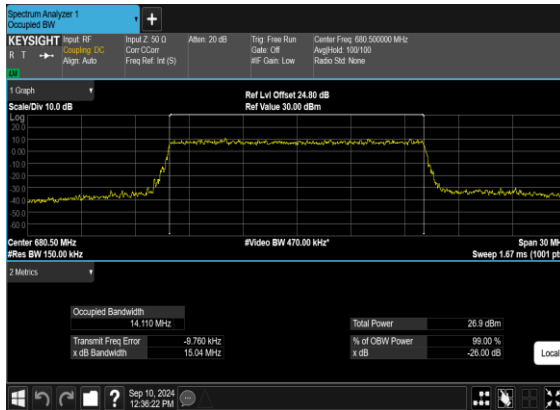
N71(15M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



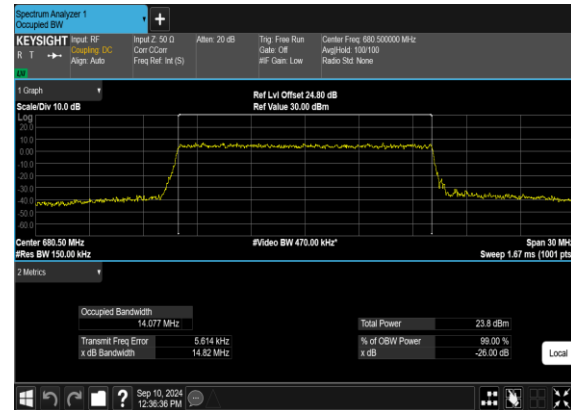
N71(15M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



N71(15M)\_CP-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH

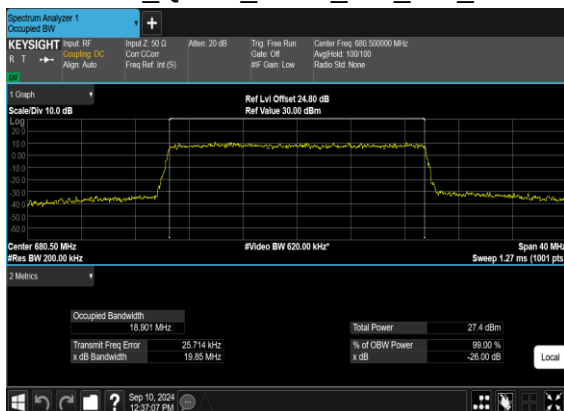


N71(15M)\_CP-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

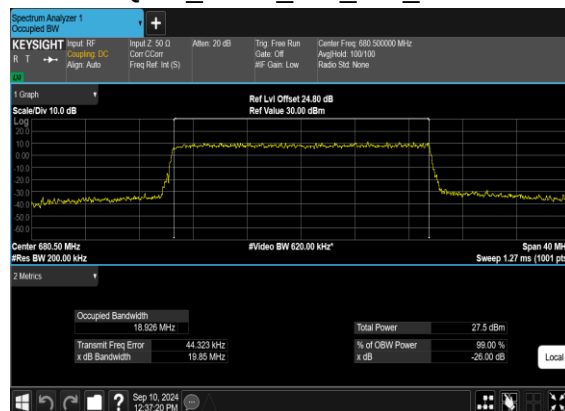




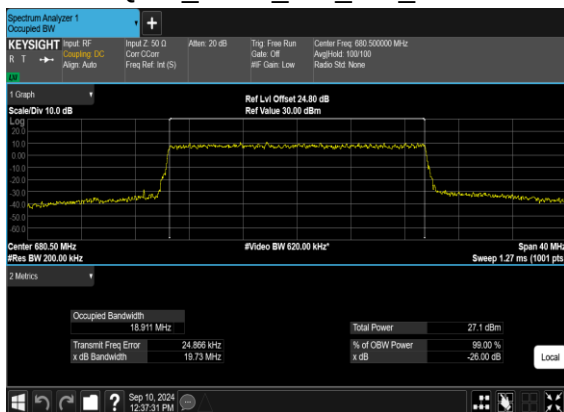
N71(20M)\_CP-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



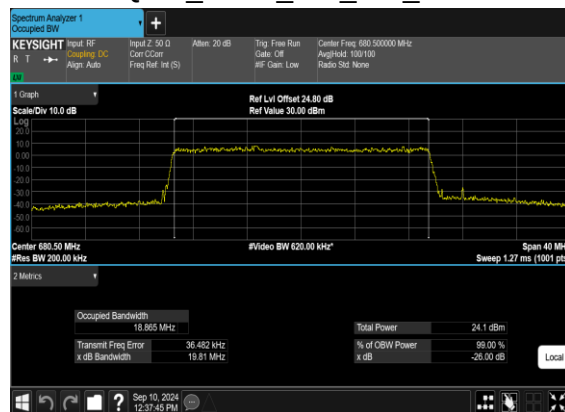
N71(20M)\_CP-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



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 BPSK | 1@0 | see graph | ---     |
| 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 | ---     |
| 71      | 15        | 5               | 133100 | 665.5      | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 71      | 15        | 5               | 136100 | 680.5      | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 71      | 15        | 5               | 136100 | 680.5      | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 71      | 15        | 5               | 136100 | 680.5      | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 71      | 15        | 5               | 136100 | 680.5      | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 71      | 15        | 5               | 139100 | 695.5      | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 71      | 15        | 5               | 139100 | 695.5      | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 71      | 15        | 5               | 139100 | 695.5      | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 71      | 15        | 5               | 139100 | 695.5      | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 71      | 15        | 10              | 133600 | 668.0      | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 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 | ---     |
| 71      | 15        | 10              | 133600 | 668.0      | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 71      | 15        | 10              | 136100 | 680.5      | DFT-s-OFDM BPSK | 1@0 | see graph | ---     |
| 71      | 15        | 10              | 136100 | 680.5      | DFT-s-OFDM BPSK | 1@0 | see graph | PASS    |
| 71      | 15        | 10              | 136100 | 680.5      | DFT-s-OFDM QPSK | 1@0 | see graph | ---     |
| 71      | 15        | 10              | 136100 | 680.5      | DFT-s-OFDM QPSK | 1@0 | see graph | PASS    |
| 71      | 15        | 10              | 138600 | 693.0      | DFT-s-OFDM 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<br>QPSK | 1@0 | see graph | <b>PASS</b> |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 71 | 15 | 20 | 134600 | 673.0 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 71 | 15 | 20 | 136100 | 680.5 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | ---         |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM<br>BPSK | 1@0 | see graph | <b>PASS</b> |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | ---         |
| 71 | 15 | 20 | 137600 | 688.0 | DFT-s-OFDM<br>QPSK | 1@0 | see graph | <b>PASS</b> |



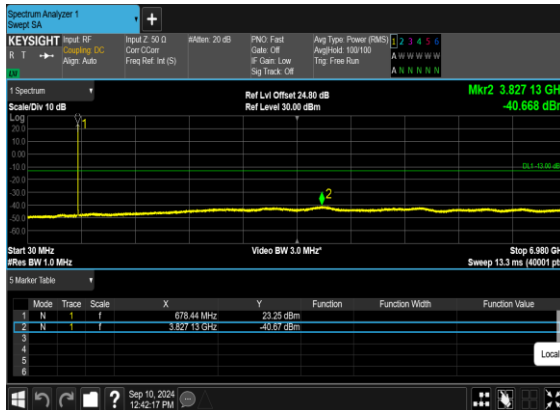
N71(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



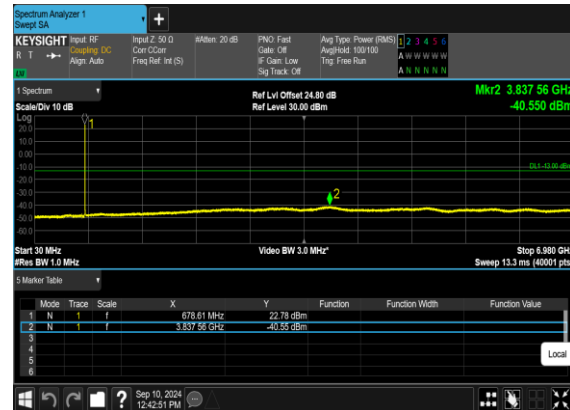
N71(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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

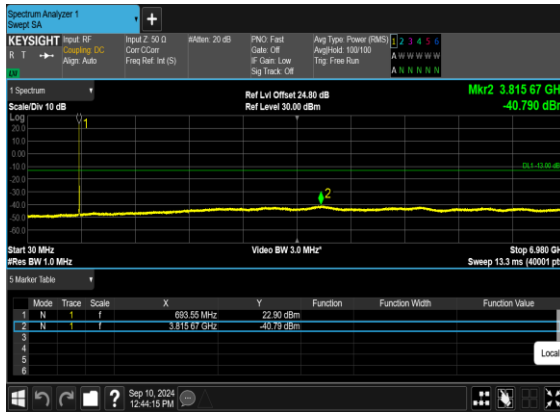


N71(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH





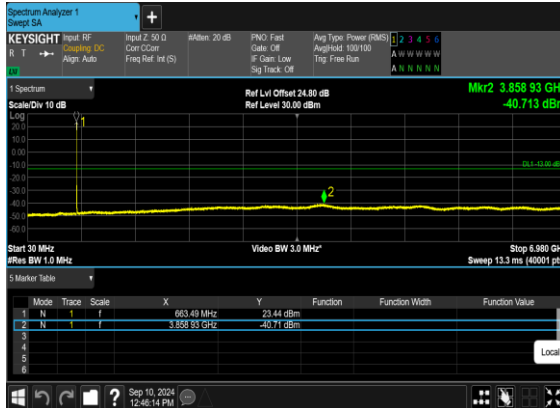
N71(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



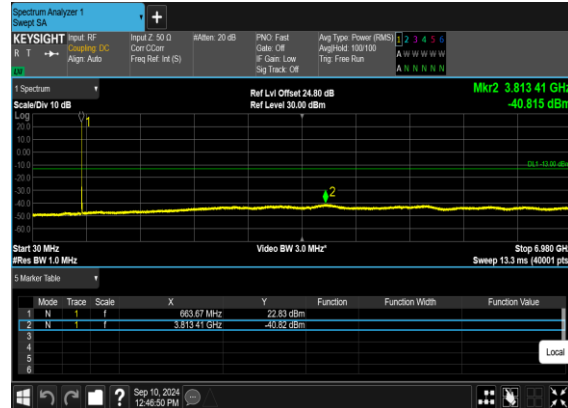
N71(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



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



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





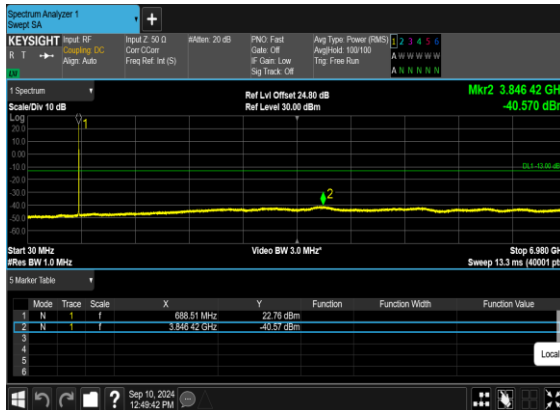
N71(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



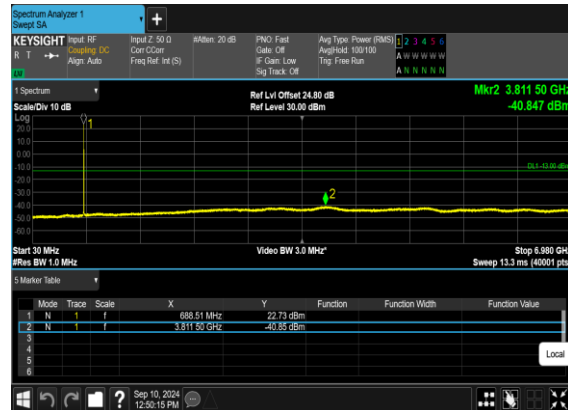
N71(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



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



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

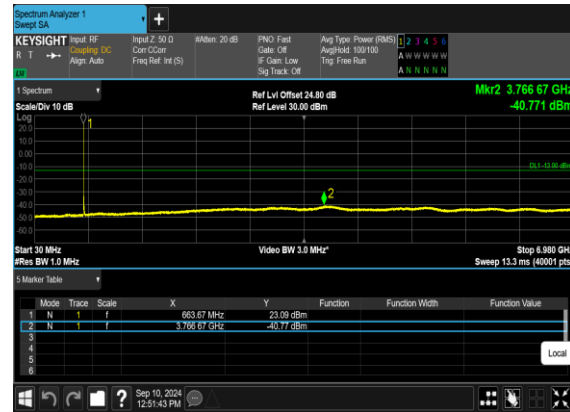




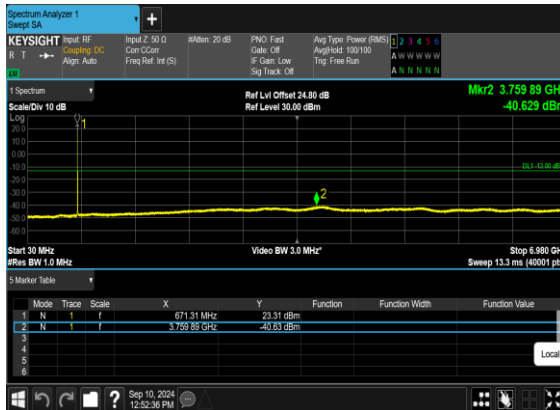
N71(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



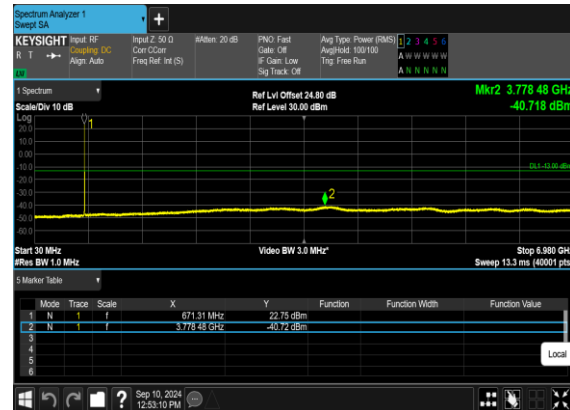
N71(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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

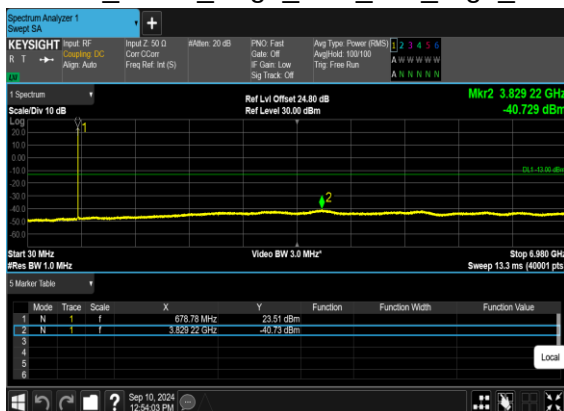


N71(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH

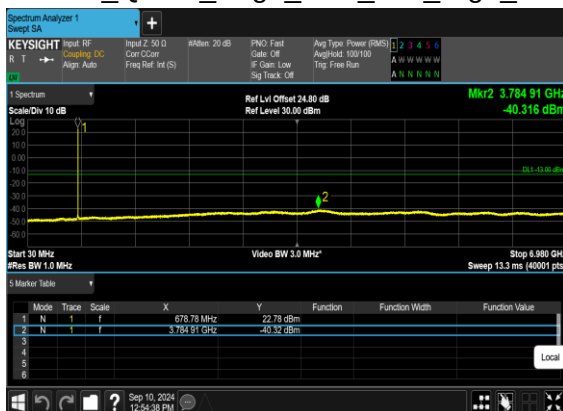




N71(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



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

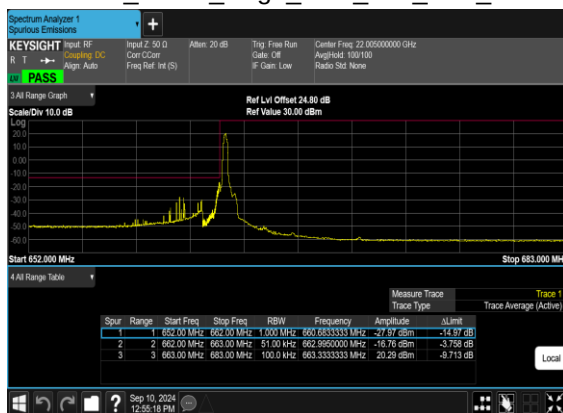


**Conducted Band Edge**

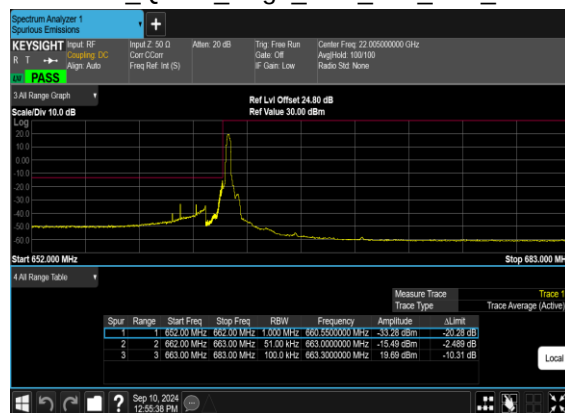
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 71      | 15        | 5               | 133100 | 665.5      | DFT-s-OFDM BPSK | 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    |



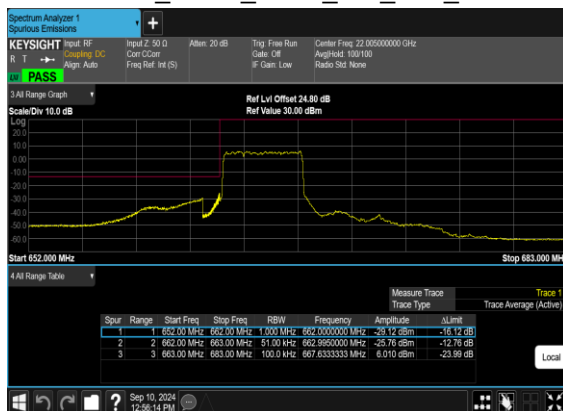
N71(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



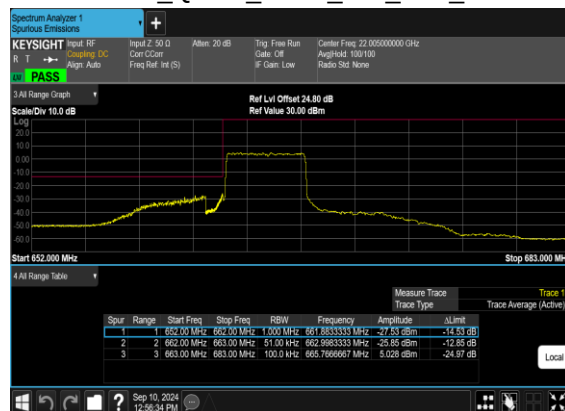
N71(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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

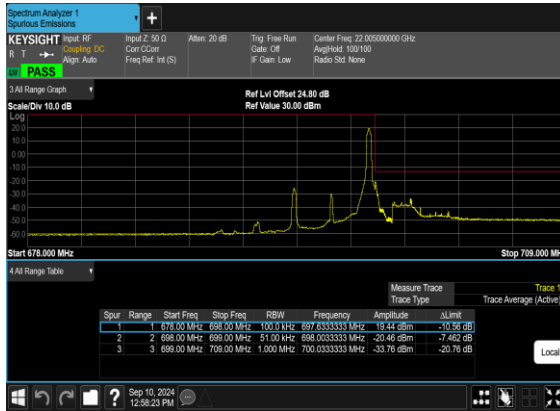


N71(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

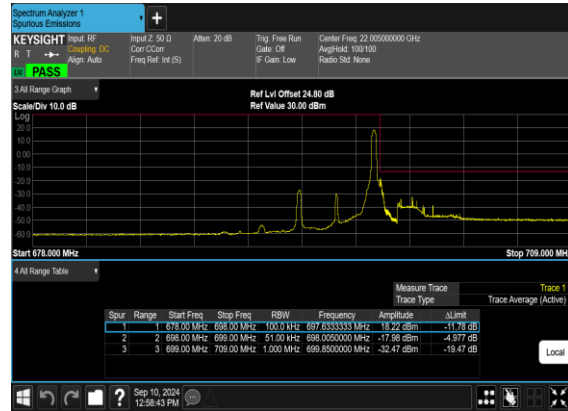




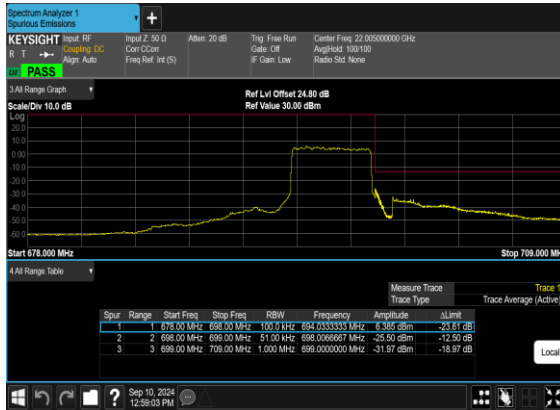
N71(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



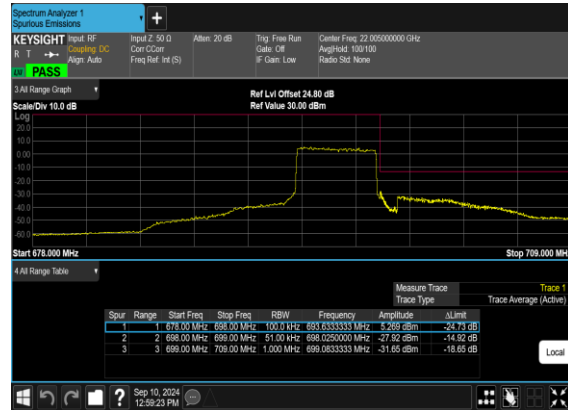
N71(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



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

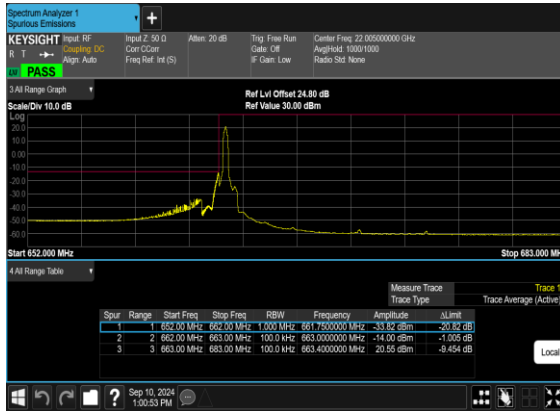


N71(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH

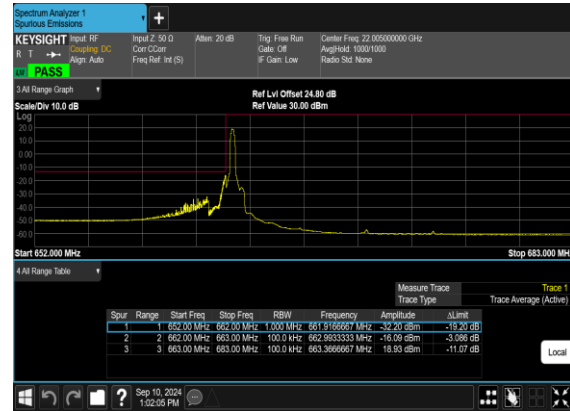




N71(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



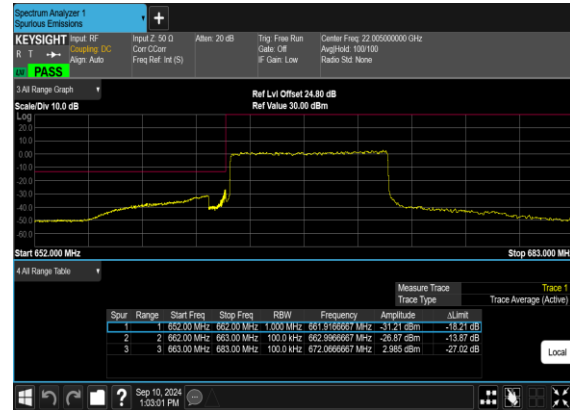
N71(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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

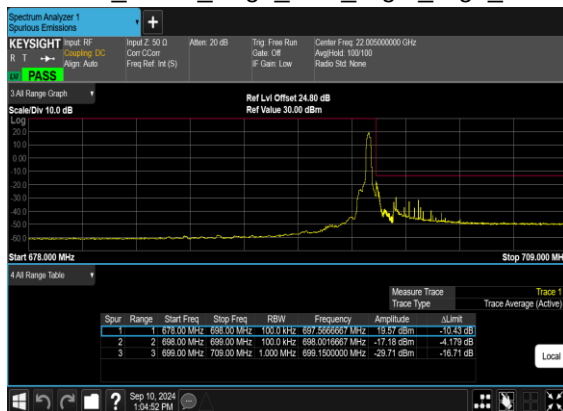


N71(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

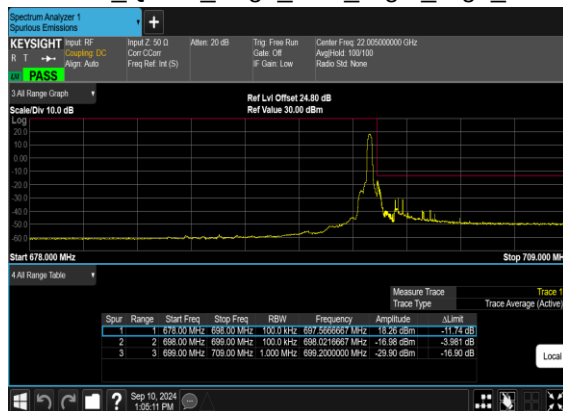




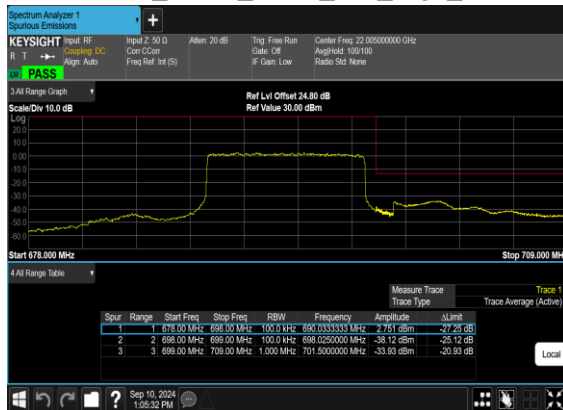
N71(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



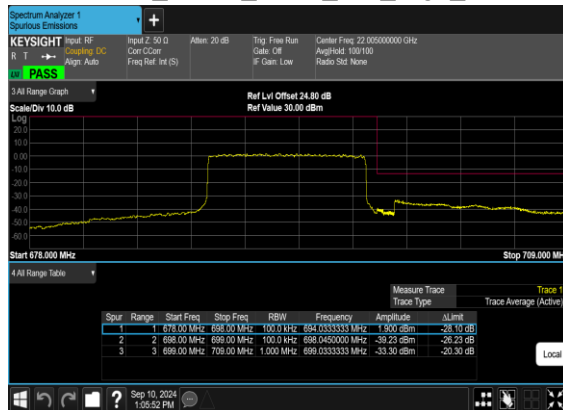
N71(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



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

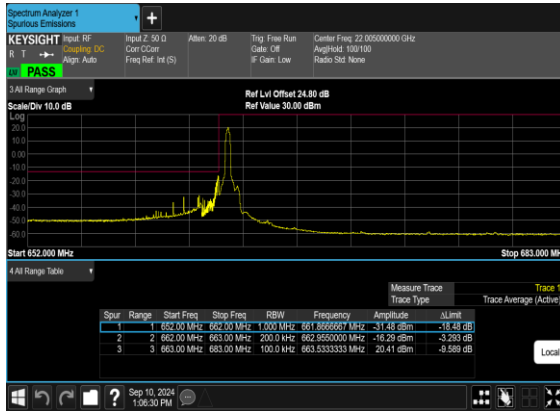


N71(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH

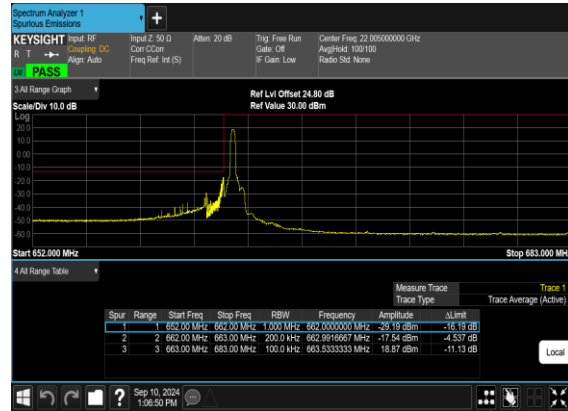




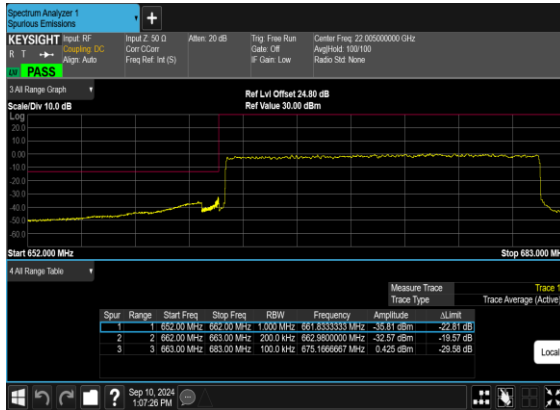
N71(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



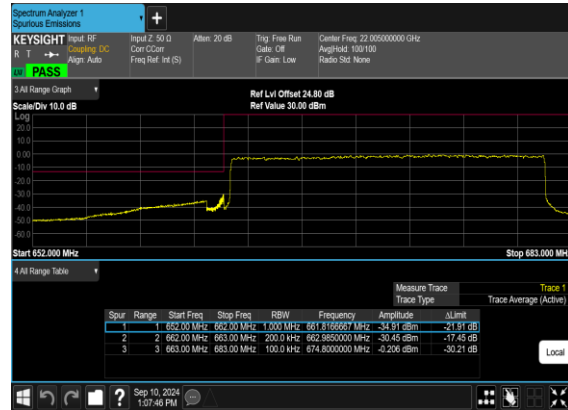
N71(20M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



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

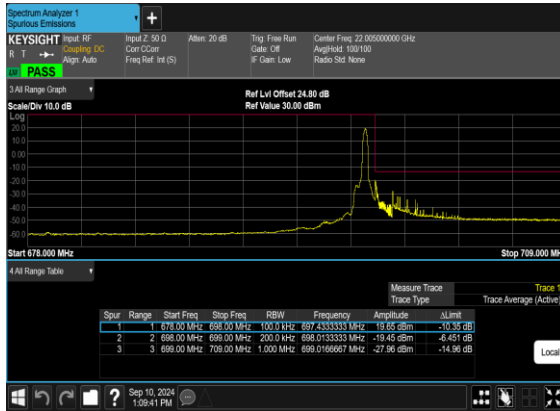


N71(20M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH





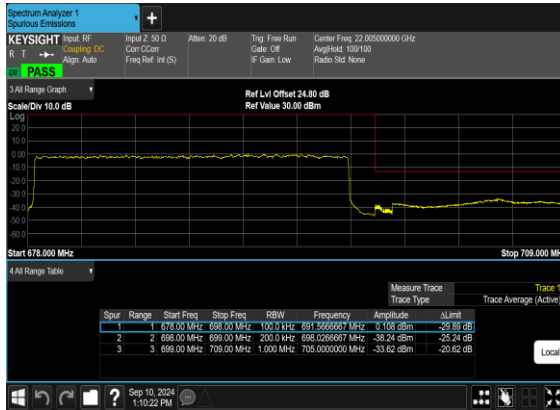
N71(20M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



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 : | PingZhou Liang | Temperature :       | 22~25°C |
|                 |                | Relative Humidity : | 48~52%  |

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

| n7 SA / NR 40MHz / QPSK(ANT1) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                        | 5011.40              | -62.87          | -25              | -37.87                  | -58.01                  | -68.43                   | 7.12                       | 12.68                       | H                     |
|                               | 7517.10              | -60.55          | -25              | -35.55                  | -59.32                  | -63.88                   | 8.26                       | 11.59                       | H                     |
|                               | 10022.80             | -57.44          | -25              | -32.44                  | -59.42                  | -58.97                   | 10.45                      | 11.98                       | H                     |
|                               | 5011.40              | -62.68          | -25              | -37.68                  | -57.89                  | -68.24                   | 7.12                       | 12.68                       | V                     |
|                               | 7517.10              | -60.57          | -25              | -35.57                  | -59.33                  | -63.90                   | 8.26                       | 11.59                       | V                     |
|                               | 10022.80             | -58.92          | -25              | -33.92                  | -59.31                  | -60.45                   | 10.45                      | 11.98                       | V                     |
| Middle                        | 5031.41              | -63.56          | -25              | -38.56                  | -58.64                  | -69.12                   | 7.14                       | 12.70                       | H                     |
|                               | 7547.12              | -60.72          | -25              | -35.72                  | -59.44                  | -64.02                   | 8.30                       | 11.60                       | H                     |
|                               | 10062.82             | -57.27          | -25              | -32.27                  | -59.35                  | -58.79                   | 10.48                      | 12.00                       | H                     |
|                               | 5031.41              | -63.45          | -25              | -38.45                  | -58.62                  | -69.01                   | 7.14                       | 12.70                       | V                     |
|                               | 7547.12              | -60.77          | -25              | -35.77                  | -59.46                  | -64.07                   | 8.30                       | 11.60                       | V                     |
|                               | 10062.82             | -58.85          | -25              | -33.85                  | -59.41                  | -60.37                   | 10.48                      | 12.00                       | V                     |
| Highest                       | 5051.40              | -64.68          | -25              | -39.68                  | -59.70                  | -70.24                   | 7.16                       | 12.72                       | H                     |
|                               | 7577.70              | -60.28          | -25              | -35.28                  | -58.94                  | -63.58                   | 8.33                       | 11.63                       | H                     |
|                               | 10102.80             | -56.49          | -25              | -31.49                  | -58.67                  | -58.09                   | 10.50                      | 12.10                       | H                     |
|                               | 5051.40              | -64.65          | -25              | -39.65                  | -59.79                  | -70.21                   | 7.16                       | 12.72                       | V                     |
|                               | 7577.70              | -60.36          | -25              | -35.36                  | -58.98                  | -63.66                   | 8.33                       | 11.63                       | V                     |
|                               | 10102.80             | -57.88          | -25              | -32.88                  | -58.62                  | -59.48                   | 10.50                      | 12.10                       | V                     |

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



| n12 SA / NR 15MHz / QPSK(ANT1) |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                        | Frequency ( MHz ) | ERP ( 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                         | 1399.2            | -63.02      | -13           | -50.02            | -73.61            | -66.25             | 3.98                 | 9.36                  | H                  |
|                                | 2098.8            | -63.20      | -13           | -50.20            | -76.23            | -66.75             | 4.85                 | 10.55                 | H                  |
|                                | 2798.4            | -61.83      | -13           | -48.83            | -77.81            | -66.76             | 5.50                 | 12.58                 | H                  |
|                                | 1399.2            | -63.90      | -13           | -50.90            | -74.06            | -67.13             | 3.98                 | 9.36                  | V                  |
|                                | 2098.8            | -63.77      | -13           | -50.77            | -76.75            | -67.32             | 4.85                 | 10.55                 | V                  |
|                                | 2798.4            | -61.57      | -13           | -48.57            | -77.74            | -66.50             | 5.50                 | 12.58                 | V                  |
| Middle                         | 1401.2            | -64.40      | -13           | -51.40            | -75.12            | -67.65             | 4.00                 | 9.40                  | H                  |
|                                | 2101.8            | -62.57      | -13           | -49.57            | -75.60            | -66.14             | 4.88                 | 10.60                 | H                  |
|                                | 2802.4            | -61.97      | -13           | -48.97            | -77.95            | -66.90             | 5.52                 | 12.60                 | H                  |
|                                | 1401.2            | -64.37      | -13           | -51.37            | -74.65            | -67.62             | 4.00                 | 9.40                  | V                  |
|                                | 2101.8            | -63.97      | -13           | -50.97            | -76.95            | -67.54             | 4.88                 | 10.60                 | V                  |
|                                | 2802.4            | -61.84      | -13           | -48.84            | -78.01            | -66.77             | 5.52                 | 12.60                 | V                  |
| Highest                        | 1403.2            | -64.05      | -13           | -51.05            | -74.78            | -67.22             | 4.10                 | 9.42                  | H                  |
|                                | 2104.8            | -62.54      | -13           | -49.54            | -75.58            | -66.12             | 4.90                 | 10.63                 | H                  |
|                                | 2806.4            | -62.02      | -13           | -49.02            | -78.01            | -66.94             | 5.55                 | 12.62                 | H                  |
|                                | 1403.2            | -63.48      | -13           | -50.48            | -73.77            | -66.65             | 4.10                 | 9.42                  | V                  |
|                                | 2104.8            | -63.88      | -13           | -50.88            | -76.87            | -67.46             | 4.90                 | 10.63                 | V                  |
|                                | 2806.4            | -61.61      | -13           | -48.61            | -77.79            | -66.53             | 5.55                 | 12.62                 | V                  |

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

| n13 SA / NR 10MHz / QPSK(ANT1) |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                        | Frequency ( MHz ) | ERP ( 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                         | 1554.4            | -62.68      | -13           | -49.68            | -72.69            | -65.91             | 3.98                 | 9.36                  | H                  |
|                                | 2331.6            | -60.35      | -13           | -47.35            | -75.15            | -63.90             | 4.85                 | 10.55                 | H                  |
|                                | 3108.8            | -61.42      | -13           | -48.42            | -78.45            | -66.35             | 5.50                 | 12.58                 | H                  |
|                                | 1554.4            | -63.09      | -13           | -50.09            | -73.18            | -66.32             | 3.98                 | 9.36                  | V                  |
|                                | 2331.6            | -63.13      | -13           | -50.13            | -77.93            | -66.68             | 4.85                 | 10.55                 | V                  |
|                                | 3108.8            | -61.32      | -13           | -48.32            | -78.41            | -66.25             | 5.50                 | 12.58                 | V                  |
| Middle                         | 1559.4            | -62.59      | -42.15        | -20.44            | -72.61            | -65.84             | 4.00                 | 9.40                  | H                  |
|                                | 2339.1            | -63.15      | -13           | -50.15            | -77.90            | -66.72             | 4.88                 | 10.60                 | H                  |
|                                | 3118.8            | -61.39      | -13           | -48.39            | -78.52            | -66.32             | 5.52                 | 12.60                 | H                  |
|                                | 1559.4            | -62.42      | -42.15        | -20.27            | -72.52            | -65.67             | 4.00                 | 9.40                  | V                  |
|                                | 2339.1            | -62.50      | -13           | -49.50            | -77.25            | -66.07             | 4.88                 | 10.60                 | V                  |
|                                | 3118.8            | -61.45      | -13           | -48.45            | -78.62            | -66.38             | 5.52                 | 12.60                 | V                  |
| Highest                        | 1564.4            | -62.92      | -42.15        | -20.77            | -72.94            | -66.09             | 4.10                 | 9.42                  | H                  |
|                                | 2346.6            | -61.79      | -13           | -48.79            | -76.56            | -65.37             | 4.90                 | 10.63                 | H                  |
|                                | 3128.8            | -61.61      | -13           | -48.61            | -78.74            | -66.53             | 5.55                 | 12.62                 | H                  |
|                                | 1564.4            | -62.50      | -42.15        | -20.35            | -72.60            | -65.67             | 4.10                 | 9.42                  | V                  |
|                                | 2346.6            | -62.52      | -13           | -49.52            | -77.29            | -66.10             | 4.90                 | 10.63                 | V                  |
|                                | 3128.8            | -61.80      | -13           | -48.80            | -78.97            | -66.72             | 5.55                 | 12.62                 | V                  |

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



| n41 SA / NR 100MHz / QPSK(ANT1) |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                          | 5000.00           | -62.57       | -25           | -37.57            | -57.76            | -68.13             | 7.12                 | 12.68                 | H                  |
|                                 | 7500.00           | -60.09       | -25           | -35.09            | -58.89            | -63.42             | 8.26                 | 11.59                 | H                  |
|                                 | 10000.00          | -56.99       | -25           | -31.99            | -58.92            | -58.52             | 10.45                | 11.98                 | H                  |
|                                 | 5000.00           | -62.57       | -25           | -37.57            | -57.81            | -68.13             | 7.12                 | 12.68                 | V                  |
|                                 | 7500.00           | -60.17       | -25           | -35.17            | -58.96            | -63.50             | 8.26                 | 11.59                 | V                  |
|                                 | 10000.00          | -59.06       | -25           | -34.06            | -59.32            | -60.59             | 10.45                | 11.98                 | V                  |
| Middle                          | 5094.00           | -65.14       | -25           | -40.14            | -60.00            | -70.70             | 7.14                 | 12.70                 | H                  |
|                                 | 7641.00           | -60.26       | -25           | -35.26            | -59.03            | -63.56             | 8.30                 | 11.60                 | H                  |
|                                 | 10188.00          | -56.92       | -25           | -31.92            | -59.30            | -58.44             | 10.48                | 12.00                 | H                  |
|                                 | 5094.00           | -64.85       | -25           | -39.85            | -59.89            | -70.41             | 7.14                 | 12.70                 | V                  |
|                                 | 7641.00           | -60.55       | -25           | -35.55            | -59.24            | -63.85             | 8.30                 | 11.60                 | V                  |
|                                 | 10188.00          | -58.11       | -25           | -33.11            | -59.24            | -59.63             | 10.48                | 12.00                 | V                  |
| Highest                         | 5188.00           | -64.45       | -25           | -39.45            | -59.01            | -70.01             | 7.16                 | 12.72                 | H                  |
|                                 | 7782.00           | -60.16       | -25           | -35.16            | -59.28            | -63.46             | 8.33                 | 11.63                 | H                  |
|                                 | 10376.00          | -56.60       | -25           | -31.60            | -59.43            | -58.20             | 10.50                | 12.10                 | H                  |
|                                 | 5188.00           | -63.94       | -25           | -38.94            | -58.79            | -69.50             | 7.16                 | 12.72                 | V                  |
|                                 | 7782.00           | -60.64       | -25           | -35.64            | -59.59            | -63.94             | 8.33                 | 11.63                 | V                  |
|                                 | 10376.00          | -57.18       | -25           | -32.18            | -59.21            | -58.78             | 10.50                | 12.10                 | V                  |

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

| n71 SA / NR 20MHz / QPSK(ANT1) |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                         | 1327.6            | -65.26       | -13           | -52.26            | -75.16            | -68.49             | 3.98                 | 9.36                  | H                  |
|                                | 1991.4            | -66.12       | -13           | -53.12            | -77.10            | -69.67             | 4.85                 | 10.55                 | H                  |
|                                | 2655.2            | -62.65       | -13           | -49.65            | -77.69            | -67.58             | 5.50                 | 12.58                 | H                  |
|                                | 1327.6            | -65.74       | -13           | -52.74            | -75.28            | -68.97             | 3.98                 | 9.36                  | V                  |
|                                | 1991.4            | -66.02       | -13           | -53.02            | -76.85            | -69.57             | 4.85                 | 10.55                 | V                  |
|                                | 2655.2            | -62.23       | -13           | -49.23            | -77.24            | -67.16             | 5.50                 | 12.58                 | V                  |
| Middle                         | 1342.6            | -63.69       | -13           | -50.69            | -73.75            | -66.94             | 4.00                 | 9.40                  | H                  |
|                                | 2013.9            | -65.74       | -13           | -52.74            | -77.10            | -69.31             | 4.88                 | 10.60                 | H                  |
|                                | 2685.2            | -61.93       | -13           | -48.93            | -77.18            | -66.86             | 5.52                 | 12.60                 | H                  |
|                                | 1342.6            | -64.42       | -13           | -51.42            | -74.11            | -67.67             | 4.00                 | 9.40                  | V                  |
|                                | 2013.9            | -65.90       | -13           | -52.90            | -77.15            | -69.47             | 4.88                 | 10.60                 | V                  |
|                                | 2685.2            | -62.28       | -13           | -49.28            | -77.55            | -67.21             | 5.52                 | 12.60                 | V                  |
| Highest                        | 1357.6            | -65.25       | -13           | -52.25            | -75.48            | -68.42             | 4.10                 | 9.42                  | H                  |
|                                | 2036.4            | -65.27       | -13           | -52.27            | -76.97            | -68.85             | 4.90                 | 10.63                 | H                  |
|                                | 2715.2            | -62.63       | -13           | -49.63            | -78.09            | -67.55             | 5.55                 | 12.62                 | H                  |
|                                | 1357.6            | -64.33       | -13           | -51.33            | -74.17            | -67.50             | 4.10                 | 9.42                  | V                  |
|                                | 2036.4            | -65.57       | -13           | -52.57            | -77.17            | -69.15             | 4.90                 | 10.63                 | V                  |
|                                | 2715.2            | -62.31       | -13           | -49.31            | -77.83            | -67.23             | 5.55                 | 12.62                 | V                  |

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