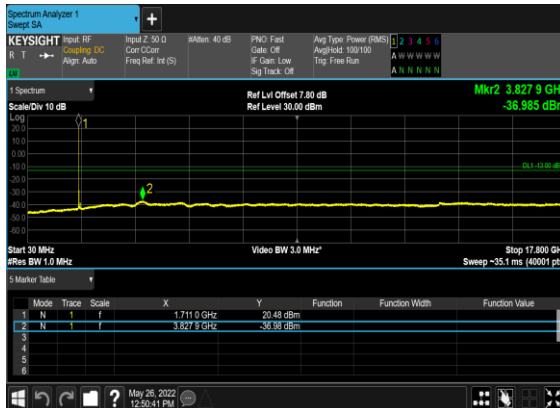
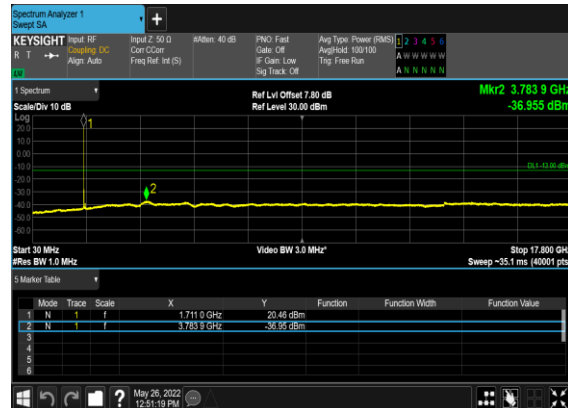


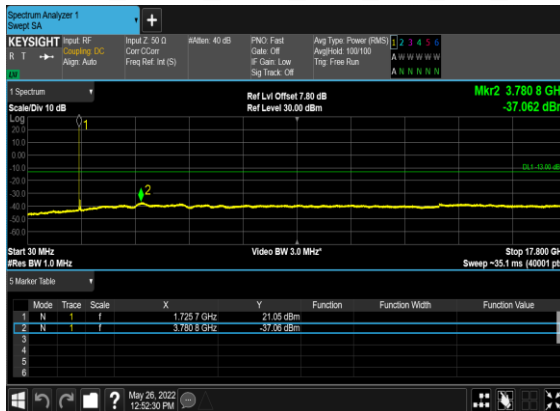
N66(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



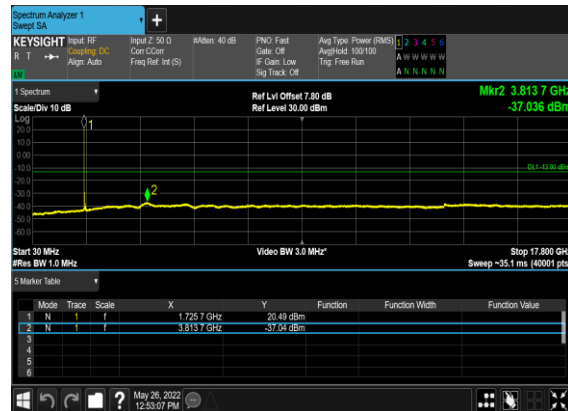
N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



N66(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



N66(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



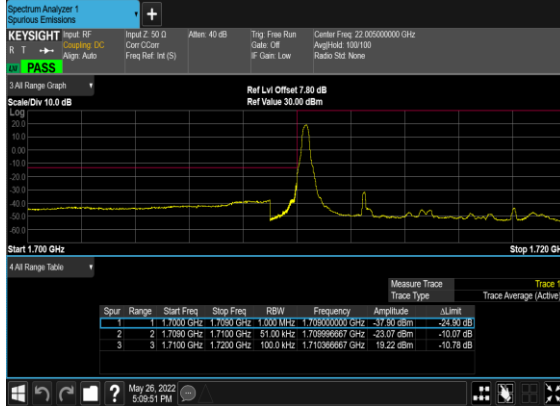
N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



## Conducted Band Edge

| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn  | Freq (MHz) | Modulation      | RB    | Result    | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 66      | 15        | 5               | 422500 | 1712.5     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 66      | 15        | 5               | 422500 | 1712.5     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 66      | 15        | 5               | 422500 | 1712.5     | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 66      | 15        | 5               | 422500 | 1712.5     | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 66      | 15        | 5               | 435500 | 1777.5     | DFT-s-OFDM BPSK | 1@24  | see graph | PASS    |
| 66      | 15        | 5               | 435500 | 1777.5     | DFT-s-OFDM QPSK | 1@24  | see graph | PASS    |
| 66      | 15        | 5               | 435500 | 1777.5     | DFT-s-OFDM BPSK | 25@0  | see graph | PASS    |
| 66      | 15        | 5               | 435500 | 1777.5     | DFT-s-OFDM QPSK | 25@0  | see graph | PASS    |
| 66      | 15        | 25              | 424500 | 1722.5     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 66      | 15        | 25              | 424500 | 1722.5     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 66      | 15        | 25              | 424500 | 1722.5     | DFT-s-OFDM BPSK | 128@0 | see graph | PASS    |
| 66      | 15        | 25              | 424500 | 1722.5     | DFT-s-OFDM QPSK | 128@0 | see graph | PASS    |
| 66      | 15        | 25              | 433500 | 1767.5     | DFT-s-OFDM BPSK | 1@132 | see graph | PASS    |
| 66      | 15        | 25              | 433500 | 1767.5     | DFT-s-OFDM QPSK | 1@132 | see graph | PASS    |
| 66      | 15        | 25              | 433500 | 1767.5     | DFT-s-OFDM BPSK | 128@0 | see graph | PASS    |
| 66      | 15        | 25              | 433500 | 1767.5     | DFT-s-OFDM QPSK | 128@0 | see graph | PASS    |
| 66      | 15        | 40              | 426000 | 1730.0     | DFT-s-OFDM BPSK | 1@0   | see graph | PASS    |
| 66      | 15        | 40              | 426000 | 1730.0     | DFT-s-OFDM QPSK | 1@0   | see graph | PASS    |
| 66      | 15        | 40              | 426000 | 1730.0     | DFT-s-OFDM BPSK | 216@0 | see graph | PASS    |
| 66      | 15        | 40              | 426000 | 1730.0     | DFT-s-OFDM QPSK | 216@0 | see graph | PASS    |
| 66      | 15        | 40              | 432000 | 1760.0     | DFT-s-OFDM BPSK | 1@215 | see graph | PASS    |
| 66      | 15        | 40              | 432000 | 1760.0     | DFT-s-OFDM QPSK | 1@215 | see graph | PASS    |
| 66      | 15        | 40              | 432000 | 1760.0     | DFT-s-OFDM BPSK | 216@0 | see graph | PASS    |
| 66      | 15        | 40              | 432000 | 1760.0     | DFT-s-OFDM QPSK | 216@0 | see graph | PASS    |

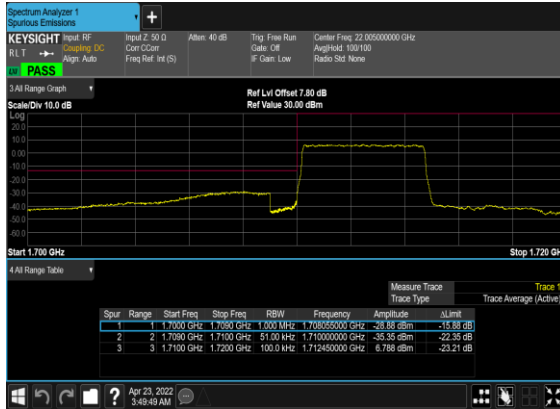
N66(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



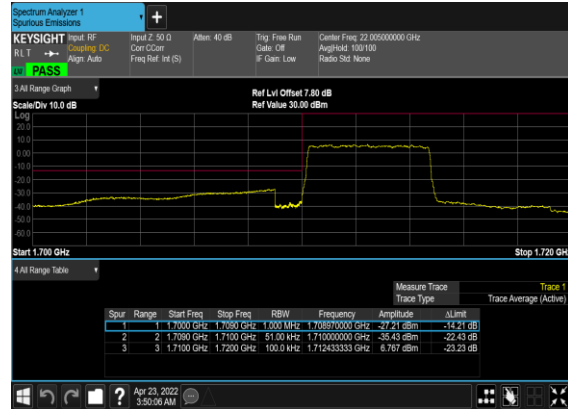
N66(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



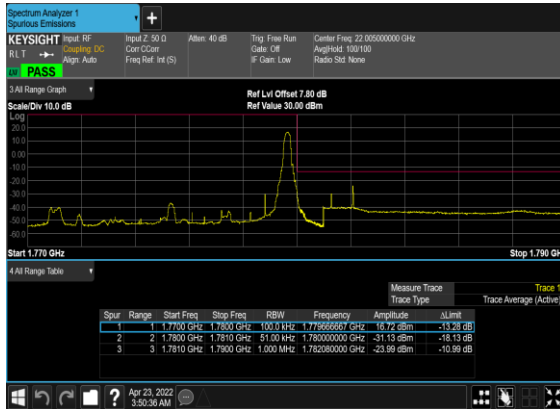
N66(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



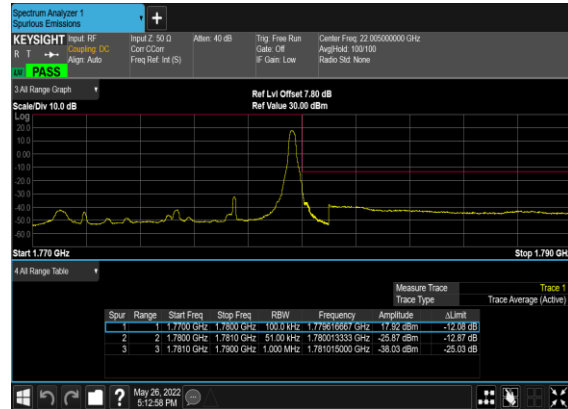
N66(5M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N66(5M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



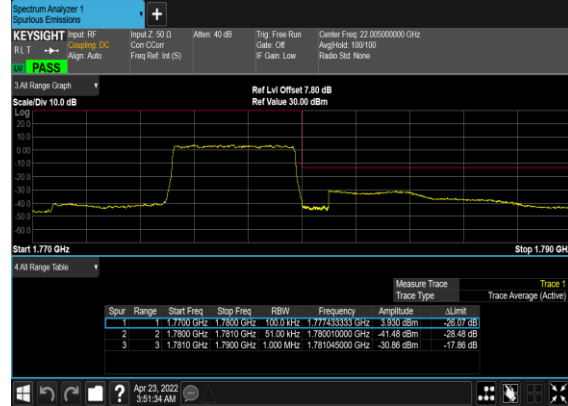
N66(5M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



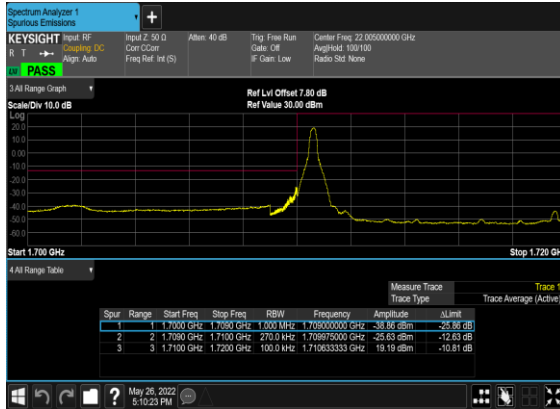
N66(5M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



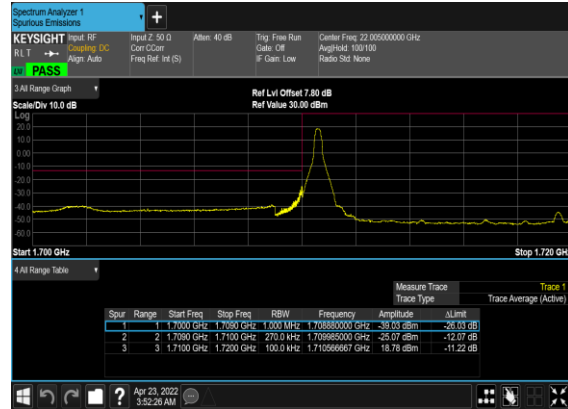
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OFDM\_QPSK\_Outer\_Full\_High\_CH



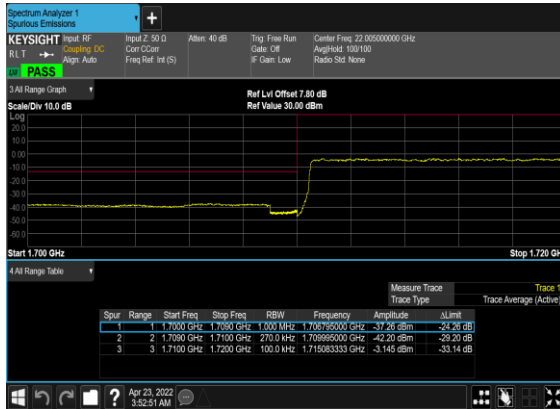
N66(25M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



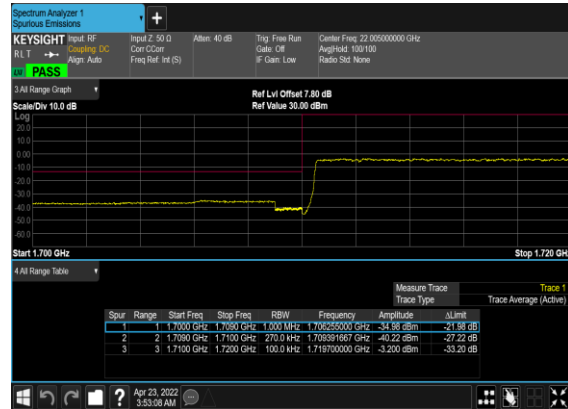
N66(25M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



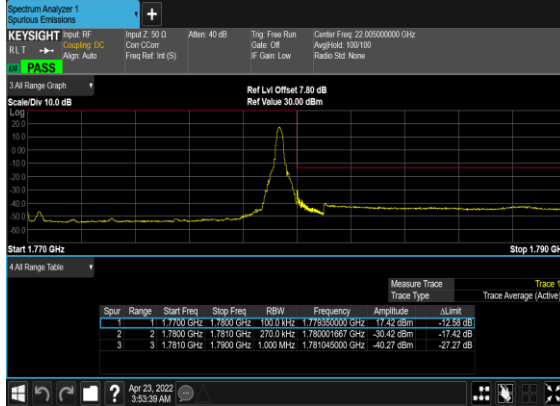
N66(25M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



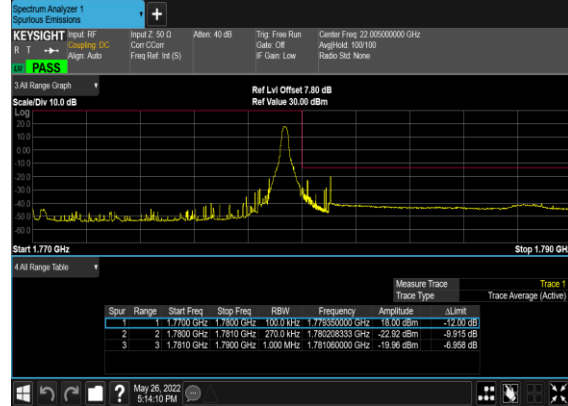
N66(25M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N66(25M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N66(25M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



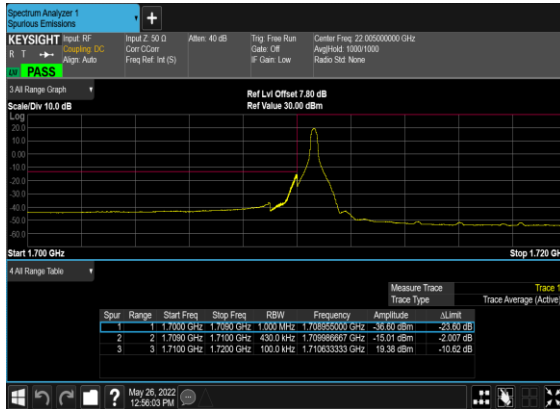
N66(25M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



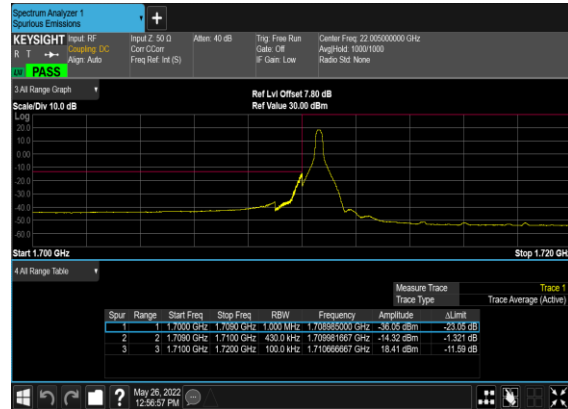
N66(25M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



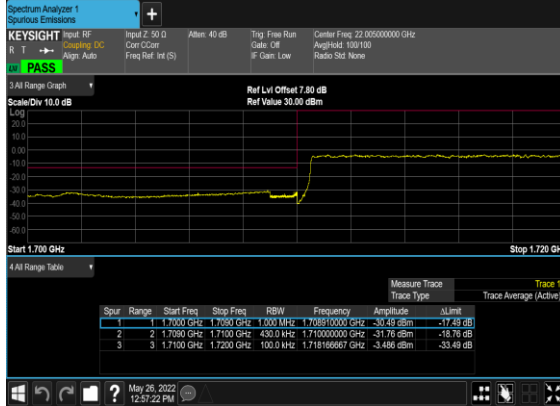
N66(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



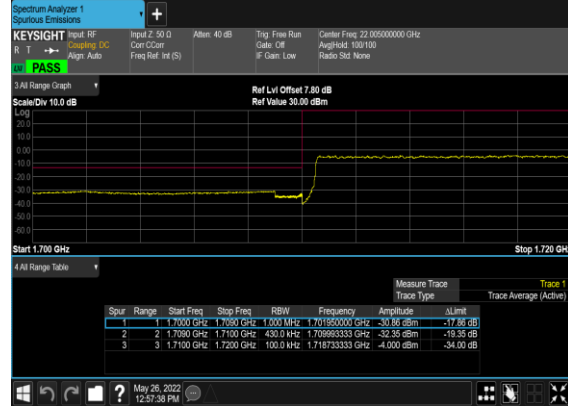
N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



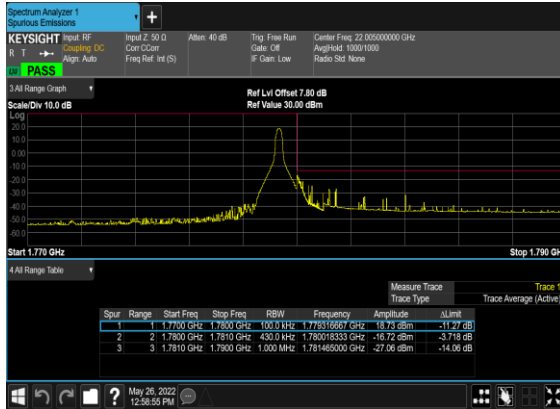
N66(40M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



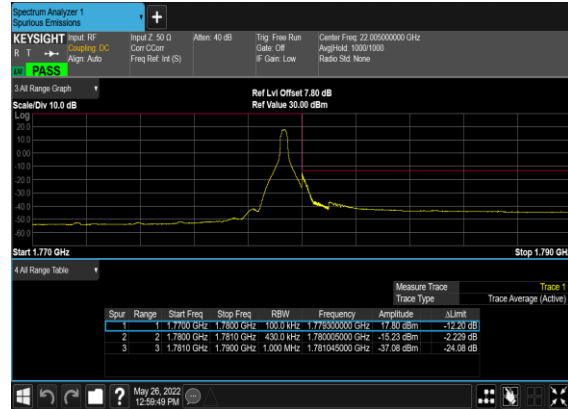
N66(40M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



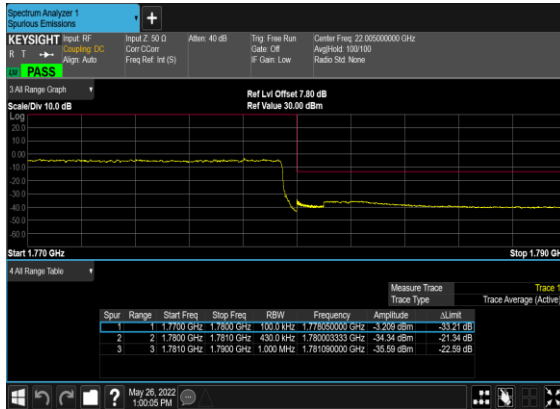
N66(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N66(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N66(40M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N66(40M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH





## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |            |                     |         |
|-----------------|------------|---------------------|---------|
| Test Engineer : | Shiwei Wen | Temperature :       | 22~25°C |
|                 |            | Relative Humidity : | 48~52%  |

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

| SA n2 / NR 40MHz / 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                         | 3701.5            | -57.32       | -13           | -44.32            | -80.32            | -64.08             | 5.82                 | 12.58                 | H                  |
|                                | 5552.25           | -57.14       | -13           | -44.14            | -81.55            | -62.86             | 7.28                 | 13.00                 | H                  |
|                                | 7403              | -55.14       | -13           | -42.14            | -81.89            | -58.30             | 8.32                 | 11.48                 | H                  |
|                                | 3701.5            | -55.11       | -13           | -42.11            | -79.8             | -61.87             | 5.82                 | 12.58                 | V                  |
|                                | 5552.25           | -56.48       | -13           | -43.48            | -81.32            | -62.20             | 7.28                 | 13.00                 | V                  |
|                                | 7403              | -54.52       | -13           | -41.52            | -81.24            | -57.68             | 8.32                 | 11.48                 | V                  |
| Middle                         | 3741.5            | -57.48       | -13           | -44.48            | -80.37            | -64.23             | 5.85                 | 12.60                 | H                  |
|                                | 5612.25           | -56.74       | -13           | -43.74            | -81.02            | -62.54             | 7.30                 | 13.10                 | H                  |
|                                | 7483              | -55.46       | -13           | -42.46            | -81.92            | -58.61             | 8.35                 | 11.50                 | H                  |
|                                | 3741.5            | -54.81       | -13           | -41.81            | -79.71            | -61.56             | 5.85                 | 12.60                 | V                  |
|                                | 5612.25           | -56.41       | -13           | -43.41            | -81.54            | -62.21             | 7.30                 | 13.10                 | V                  |
|                                | 7483              | -55.38       | -13           | -42.38            | -81.82            | -58.53             | 8.35                 | 11.50                 | V                  |
| Highest                        | 3781.5            | -57.51       | -13           | -44.51            | -80.74            | -64.25             | 5.88                 | 12.62                 | H                  |
|                                | 5672.25           | -56.98       | -13           | -43.98            | -81.30            | -62.79             | 7.32                 | 13.13                 | H                  |
|                                | 7563              | -55.50       | -13           | -42.50            | -81.64            | -58.66             | 8.38                 | 11.54                 | H                  |
|                                | 3781.5            | -55.45       | -13           | -42.45            | -80.17            | -62.19             | 5.88                 | 12.62                 | V                  |
|                                | 5672.25           | -56.78       | -13           | -43.78            | -81.39            | -62.59             | 7.32                 | 13.13                 | V                  |
|                                | 7563              | -55.84       | -13           | -42.84            | -81.97            | -59.00             | 8.38                 | 11.54                 | V                  |

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



| EN-DC_5A_n2A / LTE 10MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT1(NR) |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                           | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n2 Lowest                                                      | 3701.5            | -57.06       | -13           | -44.06            | -80.06            | -63.82             | 5.82                 | 12.58                 | H                  |
|                                                                   | 5552.25           | -57.00       | -13           | -44.00            | -81.41            | -62.72             | 7.28                 | 13.00                 | H                  |
|                                                                   | 7403              | -54.31       | -13           | -41.31            | -81.06            | -57.47             | 8.32                 | 11.48                 | H                  |
|                                                                   | 3701.5            | -54.64       | -13           | -41.64            | -79.33            | -61.40             | 5.82                 | 12.58                 | V                  |
|                                                                   | 5552.25           | -56.65       | -13           | -43.65            | -81.49            | -62.37             | 7.28                 | 13.00                 | V                  |
|                                                                   | 7403              | -54.45       | -13           | -41.45            | -81.17            | -57.61             | 8.32                 | 11.48                 | V                  |
| LTE Band5 Lowest                                                  | 1673              | -65.06       | -13           | -52.06            | -76.77            | -68.31             | 4.00                 | 9.40                  | H                  |
|                                                                   | 2509.5            | -59.82       | -13           | -46.82            | -78.72            | -63.39             | 4.88                 | 10.60                 | H                  |
|                                                                   | 3346              | -58.96       | -13           | -45.96            | -80.03            | -63.89             | 5.52                 | 12.60                 | H                  |
|                                                                   | 1673              | -64.50       | -13           | -51.50            | -76.92            | -67.75             | 4.00                 | 9.40                  | V                  |
|                                                                   | 2509.5            | -59.85       | -13           | -46.85            | -78.96            | -63.42             | 4.88                 | 10.60                 | V                  |
|                                                                   | 3346              | -58.60       | -13           | -45.60            | -79.97            | -63.53             | 5.52                 | 12.60                 | V                  |
| NR n2 Middle                                                      | 3760              | -57.84       | -13           | -44.84            | -80.18            | -64.59             | 5.85                 | 12.60                 | H                  |
|                                                                   | 5640              | -56.50       | -13           | -43.50            | -80.62            | -62.30             | 7.30                 | 13.10                 | H                  |
|                                                                   | 7520              | -55.44       | -13           | -42.44            | -81.72            | -58.59             | 8.35                 | 11.50                 | H                  |
|                                                                   | 3760              | -55.04       | -13           | -42.04            | -80.54            | -61.79             | 5.85                 | 12.60                 | V                  |
|                                                                   | 5640              | -56.87       | -13           | -43.87            | -81.14            | -62.67             | 7.30                 | 13.10                 | V                  |
|                                                                   | 7520              | -55.65       | -13           | -42.65            | -81.91            | -58.80             | 8.35                 | 11.50                 | V                  |
| LTE Band5 Middle                                                  | 1673              | -65.99       | -13           | -52.99            | -77.70            | -69.24             | 4.00                 | 9.40                  | H                  |
|                                                                   | 2509.5            | -60.22       | -13           | -47.22            | -79.12            | -63.79             | 4.88                 | 10.60                 | H                  |
|                                                                   | 3346              | -58.73       | -13           | -45.73            | -79.80            | -63.66             | 5.52                 | 12.60                 | H                  |
|                                                                   | 1673              | -65.06       | -13           | -52.06            | -77.48            | -68.31             | 4.00                 | 9.40                  | V                  |
|                                                                   | 2509.5            | -59.82       | -13           | -46.82            | -78.93            | -63.39             | 4.88                 | 10.60                 | V                  |
|                                                                   | 3346              | -58.22       | -13           | -45.22            | -79.59            | -63.15             | 5.52                 | 12.60                 | V                  |
| NR n2 Highest                                                     | 3781.5            | -57.67       | -13           | -44.67            | -80.90            | -64.41             | 5.88                 | 12.62                 | H                  |
|                                                                   | 5672.25           | -56.84       | -13           | -43.84            | -81.16            | -62.65             | 7.32                 | 13.13                 | H                  |
|                                                                   | 7563              | -55.49       | -13           | -42.49            | -81.63            | -58.65             | 8.38                 | 11.54                 | H                  |
|                                                                   | 3781.5            | -55.53       | -13           | -42.53            | -80.25            | -62.27             | 5.88                 | 12.62                 | V                  |
|                                                                   | 5672.25           | -56.28       | -13           | -43.28            | -80.89            | -62.09             | 7.32                 | 13.13                 | V                  |
|                                                                   | 7563              | -55.37       | -13           | -42.37            | -81.5             | -58.53             | 8.38                 | 11.54                 | V                  |
| LTE Band5 Highest                                                 | 1673              | -64.93       | -13           | -51.93            | -76.64            | -68.18             | 4.00                 | 9.40                  | H                  |
|                                                                   | 2509.5            | -59.90       | -13           | -46.90            | -78.80            | -63.47             | 4.88                 | 10.60                 | H                  |
|                                                                   | 3346              | -59.26       | -13           | -46.26            | -80.33            | -64.19             | 5.52                 | 12.60                 | H                  |
|                                                                   | 1673              | -64.32       | -13           | -51.32            | -76.74            | -67.57             | 4.00                 | 9.40                  | V                  |
|                                                                   | 2509.5            | -59.58       | -13           | -46.58            | -78.69            | -63.15             | 4.88                 | 10.60                 | V                  |
|                                                                   | 3346              | -58.79       | -13           | -45.79            | -80.16            | -63.72             | 5.52                 | 12.60                 | V                  |

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



| EN-DC 48A n2A / LTE 20MHz + NR 40MHz / QPSK / ANT3(LTE) & ANT1(NR) |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                            | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n2 Lowest                                                       | 3701.5            | -57.30       | -13           | -44.30            | -60.15            | -64.06             | 5.82                 | 12.58                 | H                  |
|                                                                    | 5552.25           | -58.87       | -13           | -45.87            | -63.31            | -64.59             | 7.28                 | 13.00                 | H                  |
|                                                                    | 7403              | -57.75       | -13           | -44.75            | -66.16            | -60.91             | 8.32                 | 11.48                 | H                  |
|                                                                    | 3701.5            | -54.23       | -13           | -41.23            | -58.77            | -60.99             | 5.82                 | 12.58                 | V                  |
|                                                                    | 5552.25           | -54.84       | -13           | -41.84            | -59.71            | -60.56             | 7.28                 | 13.00                 | V                  |
|                                                                    | 7403              | -57.50       | -13           | -44.50            | -65.88            | -60.66             | 8.32                 | 11.48                 | V                  |
| LTE Band48 Lowest                                                  | 7250.00           | -57.51       | -40           | -17.51            | -65.53            | -60.81             | 8.30                 | 11.60                 | H                  |
|                                                                    | 10875.00          | -54.39       | -40           | -14.39            | -67.72            | -55.91             | 10.48                | 12.00                 | H                  |
|                                                                    | 14500.00          | -54.66       | -40           | -14.66            | -69.13            | -56.36             | 11.80                | 13.50                 | H                  |
|                                                                    | 7250.00           | -56.15       | -40           | -16.15            | -65.71            | -59.45             | 8.30                 | 11.60                 | V                  |
|                                                                    | 10875.00          | -52.65       | -40           | -12.65            | -67.63            | -54.17             | 10.48                | 12.00                 | V                  |
|                                                                    | 14500.00          | -55.31       | -40           | -15.31            | -69.39            | -57.01             | 11.80                | 13.50                 | V                  |
| NR n2 Middle                                                       | 3741.5            | -57.17       | -13           | -44.17            | -59.87            | -63.92             | 5.85                 | 12.60                 | H                  |
|                                                                    | 5612.25           | -58.63       | -13           | -45.63            | -62.97            | -64.43             | 7.30                 | 13.10                 | H                  |
|                                                                    | 7483              | -57.52       | -13           | -44.52            | -65.76            | -60.67             | 8.35                 | 11.50                 | H                  |
|                                                                    | 3741.5            | -56.27       | -13           | -43.27            | -60.98            | -63.02             | 5.85                 | 12.60                 | V                  |
|                                                                    | 5612.25           | -54.69       | -13           | -41.69            | -59.88            | -60.49             | 7.30                 | 13.10                 | V                  |
|                                                                    | 7483              | -57.57       | -13           | -44.57            | -65.79            | -60.72             | 8.35                 | 11.50                 | V                  |
| LTE Band48 Middle                                                  | 7250.00           | -57.33       | -40           | -17.33            | -65.35            | -60.63             | 8.30                 | 11.60                 | H                  |
|                                                                    | 10875.00          | -53.71       | -40           | -13.71            | -67.04            | -55.23             | 10.48                | 12.00                 | H                  |
|                                                                    | 14500.00          | -54.42       | -40           | -14.42            | -68.89            | -56.12             | 11.80                | 13.50                 | H                  |
|                                                                    | 7250.00           | -55.82       | -40           | -15.82            | -65.38            | -59.12             | 8.30                 | 11.60                 | V                  |
|                                                                    | 10875.00          | -52.21       | -40           | -12.21            | -67.19            | -53.73             | 10.48                | 12.00                 | V                  |
|                                                                    | 14500.00          | -54.57       | -40           | -14.57            | -68.65            | -56.27             | 11.80                | 13.50                 | V                  |
| NR n2 Highest                                                      | 3781.5            | -53.87       | -13           | -40.87            | -56.85            | -60.61             | 5.88                 | 12.62                 | H                  |
|                                                                    | 5672.25           | -56.47       | -13           | -43.47            | -60.89            | -62.28             | 7.32                 | 13.13                 | H                  |
|                                                                    | 7563              | -57.74       | -13           | -44.74            | -65.74            | -60.90             | 8.38                 | 11.54                 | H                  |
|                                                                    | 3781.5            | -55.59       | -13           | -42.59            | -60.06            | -62.33             | 5.88                 | 12.62                 | V                  |
|                                                                    | 5672.25           | -53.77       | -13           | -40.77            | -58.48            | -59.58             | 7.32                 | 13.13                 | V                  |
|                                                                    | 7563              | -58.05       | -13           | -45.05            | -66.04            | -61.21             | 8.38                 | 11.54                 | V                  |
| LTE Band48 Highest                                                 | 7250.00           | -57.20       | -40           | -17.20            | -65.22            | -60.50             | 8.30                 | 11.60                 | H                  |
|                                                                    | 10875.00          | -54.04       | -40           | -14.04            | -67.37            | -55.56             | 10.48                | 12.00                 | H                  |
|                                                                    | 14500.00          | -54.86       | -40           | -14.86            | -69.33            | -56.56             | 11.80                | 13.50                 | H                  |
|                                                                    | 7250.00           | -56.16       | -40           | -16.16            | -65.72            | -59.46             | 8.30                 | 11.60                 | V                  |
|                                                                    | 10875.00          | -52.66       | -40           | -12.66            | -67.64            | -54.18             | 10.48                | 12.00                 | V                  |
|                                                                    | 14500.00          | -55.31       | -40           | -15.31            | -69.39            | -57.01             | 11.80                | 13.50                 | V                  |

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



| SA n5 / NR 20MHz / 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                         | 1650                 | -67.07          | -13              | -54.07                  | -78.63                  | -70.30                   | 3.98                       | 9.36                        | H                     |
|                                | 2475                 | -52.42          | -13              | -39.42                  | -71.06                  | -55.97                   | 4.85                       | 10.55                       | H                     |
|                                | 3300                 | -60.05          | -13              | -47.05                  | -80.83                  | -64.98                   | 5.50                       | 12.58                       | H                     |
|                                | 1650                 | -65.91          | -13              | -52.91                  | -78.11                  | -69.14                   | 3.98                       | 9.36                        | V                     |
|                                | 2475                 | -52.98          | -13              | -39.98                  | -71.94                  | -56.53                   | 4.85                       | 10.55                       | V                     |
|                                | 3300                 | -59.62          | -13              | -46.62                  | -81.29                  | -64.55                   | 5.50                       | 12.58                       | V                     |
| Middle                         | 1654.5               | -66.55          | -13              | -53.55                  | -78.11                  | -69.80                   | 4.00                       | 9.40                        | H                     |
|                                | 2481.75              | -51.92          | -13              | -38.92                  | -70.56                  | -55.49                   | 4.88                       | 10.60                       | H                     |
|                                | 3309                 | -59.67          | -13              | -46.67                  | -80.55                  | -64.60                   | 5.52                       | 12.60                       | H                     |
|                                | 1654.5               | -65.17          | -13              | -52.17                  | -77.37                  | -68.42                   | 4.00                       | 9.40                        | V                     |
|                                | 2481.75              | -52.86          | -13              | -39.86                  | -71.82                  | -56.43                   | 4.88                       | 10.60                       | V                     |
|                                | 3309                 | -59.16          | -13              | -46.16                  | -80.74                  | -64.09                   | 5.52                       | 12.60                       | V                     |
| Highest                        | 1660                 | -66.33          | -13              | -53.33                  | -77.98                  | -69.50                   | 4.10                       | 9.42                        | H                     |
|                                | 2490                 | -52.35          | -13              | -39.35                  | -71.12                  | -55.93                   | 4.90                       | 10.63                       | H                     |
|                                | 3320                 | -60.01          | -13              | -47.01                  | -80.89                  | -64.93                   | 5.55                       | 12.62                       | H                     |
|                                | 1660                 | -65.68          | -13              | -52.68                  | -78.00                  | -68.85                   | 4.10                       | 9.42                        | V                     |
|                                | 2490                 | -54.59          | -13              | -41.59                  | -73.62                  | -58.17                   | 4.90                       | 10.63                       | V                     |
|                                | 3320                 | -59.67          | -13              | -46.67                  | -81.25                  | -64.59                   | 5.55                       | 12.62                       | V                     |

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



| EN-DC_2A_n5A / LTE 20MHz + NR 20MHz / QPSK / ANT0(LTE) & ANT1(NR) |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                           | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n5 Lowest                                                      | 1650              | -65.32       | -13           | -52.32            | -76.88            | -68.55             | 3.98                 | 9.36                  | H                  |
|                                                                   | 2460              | -59.63       | -13           | -46.63            | -78.13            | -63.18             | 4.85                 | 10.55                 | H                  |
|                                                                   | 3300              | -58.70       | -13           | -45.70            | -79.48            | -63.63             | 5.50                 | 12.58                 | H                  |
|                                                                   | 1650              | -64.68       | -13           | -51.68            | -76.88            | -67.91             | 3.98                 | 9.36                  | V                  |
|                                                                   | 2475              | -59.23       | -13           | -46.23            | -78.19            | -62.78             | 4.85                 | 10.55                 | V                  |
|                                                                   | 3300              | -57.99       | -13           | -44.99            | -79.66            | -62.92             | 5.50                 | 12.58                 | V                  |
| LTE Band2 Lowest                                                  | 3760              | -57.42       | -13           | -44.42            | -79.76            | -64.17             | 5.85                 | 12.60                 | H                  |
|                                                                   | 5640              | -56.77       | -13           | -43.77            | -80.89            | -62.57             | 7.30                 | 13.10                 | H                  |
|                                                                   | 7520              | -55.24       | -13           | -42.24            | -81.52            | -58.39             | 8.35                 | 11.50                 | H                  |
|                                                                   | 3760              | -55.08       | -13           | -42.08            | -80.58            | -61.83             | 5.85                 | 12.60                 | V                  |
|                                                                   | 5640              | -56.55       | -13           | -43.55            | -80.82            | -62.35             | 7.30                 | 13.10                 | V                  |
|                                                                   | 7520              | -55.47       | -13           | -42.47            | -81.73            | -58.62             | 8.35                 | 11.50                 | V                  |
| NR n5 Middle                                                      | 1654.5            | -65.01       | -13           | -52.01            | -76.57            | -68.26             | 4.00                 | 9.40                  | H                  |
|                                                                   | 2482              | -59.70       | -13           | -46.70            | -78.34            | -63.27             | 4.88                 | 10.60                 | H                  |
|                                                                   | 3309              | -58.17       | -13           | -45.17            | -79.05            | -63.10             | 5.52                 | 12.60                 | H                  |
|                                                                   | 1654.5            | -64.33       | -13           | -51.33            | -76.53            | -67.58             | 4.00                 | 9.40                  | V                  |
|                                                                   | 2481.75           | -59.32       | -13           | -46.32            | -78.28            | -62.89             | 4.88                 | 10.60                 | V                  |
|                                                                   | 3309              | -57.57       | -13           | -44.57            | -79.15            | -62.50             | 5.52                 | 12.60                 | V                  |
| LTE Band2 Middle                                                  | 3760              | -57.21       | -13           | -44.21            | -79.55            | -63.96             | 5.85                 | 12.60                 | H                  |
|                                                                   | 5640              | -56.46       | -13           | -43.46            | -80.58            | -62.26             | 7.30                 | 13.10                 | H                  |
|                                                                   | 7520              | -55.07       | -13           | -42.07            | -81.35            | -58.22             | 8.35                 | 11.50                 | H                  |
|                                                                   | 3760              | -54.58       | -13           | -41.58            | -80.08            | -61.33             | 5.85                 | 12.60                 | V                  |
|                                                                   | 5640              | -56.34       | -13           | -43.34            | -80.61            | -62.14             | 7.30                 | 13.10                 | V                  |
|                                                                   | 7520              | -54.81       | -13           | -41.81            | -81.07            | -57.96             | 8.35                 | 11.50                 | V                  |
| NR n5 Highest                                                     | 1660              | -65.29       | -13           | -52.29            | -76.94            | -68.46             | 4.10                 | 9.42                  | H                  |
|                                                                   | 2490              | -59.86       | -13           | -46.86            | -78.63            | -63.44             | 4.90                 | 10.63                 | H                  |
|                                                                   | 3320              | -58.88       | -13           | -45.88            | -79.76            | -63.80             | 5.55                 | 12.62                 | H                  |
|                                                                   | 1660              | -64.54       | -13           | -51.54            | -76.86            | -67.71             | 4.10                 | 9.42                  | V                  |
|                                                                   | 2490              | -59.38       | -13           | -46.38            | -78.41            | -62.96             | 4.90                 | 10.63                 | V                  |
|                                                                   | 3320              | -58.23       | -13           | -45.23            | -79.81            | -63.15             | 5.55                 | 12.62                 | V                  |
| LTE Band2 Highest                                                 | 3760              | -57.54       | -13           | -44.54            | -79.88            | -64.29             | 5.85                 | 12.60                 | H                  |
|                                                                   | 5640              | -56.58       | -13           | -43.58            | -80.70            | -62.38             | 7.30                 | 13.10                 | H                  |
|                                                                   | 7520              | -55.15       | -13           | -42.15            | -81.43            | -58.30             | 8.35                 | 11.50                 | H                  |
|                                                                   | 3760              | -54.63       | -13           | -41.63            | -80.13            | -61.38             | 5.85                 | 12.60                 | V                  |
|                                                                   | 5640              | -56.49       | -13           | -43.49            | -80.76            | -62.29             | 7.30                 | 13.10                 | V                  |
|                                                                   | 7520              | -54.96       | -13           | -41.96            | -81.22            | -58.11             | 8.35                 | 11.50                 | V                  |

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



| EN-DC 48A n5A / LTE 20MHz + NR 20MHz / QPSK / ANT3(LTE) & ANT1(NR) |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                            | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n5 Lowest                                                       | 1650              | -68.59       | -13           | -55.59            | -61.18            | -71.82             | 3.98                 | 9.36                  | H                  |
|                                                                    | 2475              | -63.55       | -13           | -50.55            | -62.20            | -67.10             | 4.85                 | 10.55                 | H                  |
|                                                                    | 3300              | -61.79       | -13           | -48.79            | -62.72            | -66.72             | 5.50                 | 12.58                 | H                  |
|                                                                    | 1650              | -68.18       | -13           | -55.18            | -61.41            | -71.41             | 3.98                 | 9.36                  | V                  |
|                                                                    | 2475              | -63.00       | -13           | -50.00            | -61.97            | -66.55             | 4.85                 | 10.55                 | V                  |
|                                                                    | 3300              | -60.61       | -13           | -47.61            | -62.43            | -65.54             | 5.50                 | 12.58                 | V                  |
| LTE Band48 Lowest                                                  | 7250.00           | -57.52       | -40           | -17.52            | -65.54            | -60.82             | 8.30                 | 11.60                 | H                  |
|                                                                    | 10875.00          | -53.71       | -40           | -13.71            | -67.04            | -55.23             | 10.48                | 12.00                 | H                  |
|                                                                    | 14500.00          | -54.32       | -40           | -14.32            | -68.79            | -56.02             | 11.80                | 13.50                 | H                  |
|                                                                    | 7250.00           | -56.15       | -40           | -16.15            | -65.71            | -59.45             | 8.30                 | 11.60                 | V                  |
|                                                                    | 10875.00          | -52.48       | -40           | -12.48            | -67.46            | -54.00             | 10.48                | 12.00                 | V                  |
|                                                                    | 14500.00          | -54.75       | -40           | -14.75            | -68.83            | -56.45             | 11.80                | 13.50                 | V                  |
| NR n5 Middle                                                       | 1654.5            | -68.54       | -13           | -55.54            | -61.13            | -71.79             | 4.00                 | 9.40                  | H                  |
|                                                                    | 2481.75           | -63.40       | -13           | -50.40            | -62.05            | -66.97             | 4.88                 | 10.60                 | H                  |
|                                                                    | 3309              | -61.84       | -13           | -48.84            | -62.86            | -66.77             | 5.52                 | 12.60                 | H                  |
|                                                                    | 1654.5            | -67.80       | -13           | -54.80            | -61.03            | -71.05             | 4.00                 | 9.40                  | V                  |
|                                                                    | 2481.75           | -63.23       | -13           | -50.23            | -62.20            | -66.80             | 4.88                 | 10.60                 | V                  |
|                                                                    | 3309              | -61.33       | -13           | -48.33            | -63.05            | -66.26             | 5.52                 | 12.60                 | V                  |
| LTE Band48 Middle                                                  | 7250.00           | -57.23       | -40           | -17.23            | -65.25            | -60.53             | 8.30                 | 11.60                 | H                  |
|                                                                    | 10875.00          | -53.80       | -40           | -13.80            | -67.13            | -55.32             | 10.48                | 12.00                 | H                  |
|                                                                    | 14500.00          | -54.09       | -40           | -14.09            | -68.56            | -55.79             | 11.80                | 13.50                 | H                  |
|                                                                    | 7250.00           | -55.52       | -40           | -15.52            | -65.08            | -58.82             | 8.30                 | 11.60                 | V                  |
|                                                                    | 10875.00          | -52.40       | -40           | -12.40            | -67.38            | -53.92             | 10.48                | 12.00                 | V                  |
|                                                                    | 14500.00          | -54.75       | -40           | -14.75            | -68.83            | -56.45             | 11.80                | 13.50                 | V                  |
| NR n5 Highest                                                      | 1660              | -68.54       | -13           | -55.54            | -61.19            | -71.71             | 4.10                 | 9.42                  | H                  |
|                                                                    | 2490              | -63.53       | -13           | -50.53            | -62.30            | -67.11             | 4.90                 | 10.63                 | H                  |
|                                                                    | 3320              | -61.59       | -13           | -48.59            | -62.61            | -66.51             | 5.55                 | 12.62                 | H                  |
|                                                                    | 1660              | -68.01       | -13           | -55.01            | -61.33            | -71.18             | 4.10                 | 9.42                  | V                  |
|                                                                    | 2490              | -63.09       | -13           | -50.09            | -62.12            | -66.67             | 4.90                 | 10.63                 | V                  |
|                                                                    | 3320              | -61.17       | -13           | -48.17            | -62.89            | -66.09             | 5.55                 | 12.62                 | V                  |
| LTE Band48 Highest                                                 | 7250.00           | -57.89       | -40           | -17.89            | -65.91            | -61.19             | 8.30                 | 11.60                 | H                  |
|                                                                    | 10875.00          | -54.08       | -40           | -14.08            | -67.41            | -55.60             | 10.48                | 12.00                 | H                  |
|                                                                    | 14500.00          | -54.45       | -40           | -14.45            | -68.92            | -56.15             | 11.80                | 13.50                 | H                  |
|                                                                    | 7250.00           | -56.21       | -40           | -16.21            | -65.77            | -59.51             | 8.30                 | 11.60                 | V                  |
|                                                                    | 10875.00          | -52.01       | -40           | -12.01            | -66.99            | -53.53             | 10.48                | 12.00                 | V                  |
|                                                                    | 14500.00          | -55.06       | -40           | -15.06            | -69.14            | -56.76             | 11.80                | 13.50                 | V                  |

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



| SA n12 / NR 15MHz / 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                          | 1413              | -67.19       | -13           | -54.19            | -77.98            | -70.42             | 3.98                 | 9.36                  | H                  |
|                                 | 2119.5            | -59.25       | -13           | -46.25            | -76.81            | -62.80             | 4.85                 | 10.55                 | H                  |
|                                 | 2826              | -61.44       | -13           | -48.44            | -80.53            | -66.37             | 5.50                 | 12.58                 | H                  |
|                                 | 1413              | -66.00       | -13           | -53.00            | -77.85            | -69.23             | 3.98                 | 9.36                  | V                  |
|                                 | 2119.5            | -59.09       | -13           | -46.09            | -76.42            | -62.64             | 4.85                 | 10.55                 | V                  |
|                                 | 2826              | -60.45       | -13           | -47.45            | -80.35            | -65.38             | 5.50                 | 12.58                 | V                  |
| Middle                          | 1415              | -67.09       | -13           | -54.09            | -77.88            | -70.34             | 4.00                 | 9.40                  | H                  |
|                                 | 2122.5            | -59.96       | -13           | -46.96            | -77.52            | -63.53             | 4.88                 | 10.60                 | H                  |
|                                 | 2830              | -61.19       | -13           | -48.19            | -80.35            | -66.12             | 5.52                 | 12.60                 | H                  |
|                                 | 1415              | -65.96       | -13           | -52.96            | -77.81            | -69.21             | 4.00                 | 9.40                  | V                  |
|                                 | 2122.5            | -59.97       | -13           | -46.97            | -77.30            | -63.54             | 4.88                 | 10.60                 | V                  |
|                                 | 2830              | -59.95       | -13           | -46.95            | -79.98            | -64.88             | 5.52                 | 12.60                 | V                  |
| Highest                         | 1417              | -66.99       | -13           | -53.99            | -77.79            | -70.16             | 4.10                 | 9.42                  | H                  |
|                                 | 2125.5            | -61.21       | -13           | -48.21            | -78.77            | -64.79             | 4.90                 | 10.63                 | H                  |
|                                 | 2834              | -61.32       | -13           | -48.32            | -80.48            | -66.24             | 5.55                 | 12.62                 | H                  |
|                                 | 1417              | -64.89       | -13           | -51.89            | -76.69            | -68.06             | 4.10                 | 9.42                  | V                  |
|                                 | 2125.5            | -59.74       | -13           | -46.74            | -77.07            | -63.32             | 4.90                 | 10.63                 | V                  |
|                                 | 2834              | -60.21       | -13           | -47.21            | -80.24            | -65.13             | 5.55                 | 12.62                 | V                  |

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



| EN-DC_2A_n12A / LTE 20MHz + NR 15MHz / QPSK / ANT0(LTE) & ANT1(NR) |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                            | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n12 Lowest                                                      | 1413              | -65.92       | -13           | -52.92            | -76.71            | -69.15             | 3.98                 | 9.36                  | H                  |
|                                                                    | 2119.5            | -61.14       | -13           | -48.14            | -78.70            | -64.69             | 4.85                 | 10.55                 | H                  |
|                                                                    | 2826              | -60.12       | -13           | -47.12            | -79.21            | -65.05             | 5.50                 | 12.58                 | H                  |
|                                                                    | 1413              | -64.49       | -13           | -51.49            | -76.34            | -67.72             | 3.98                 | 9.36                  | V                  |
|                                                                    | 2119.5            | -61.67       | -13           | -48.67            | -79.00            | -65.22             | 4.85                 | 10.55                 | V                  |
|                                                                    | 2826              | -59.31       | -13           | -46.31            | -79.21            | -64.24             | 5.50                 | 12.58                 | V                  |
| LTE Band2 Lowest                                                   | 3760              | -57.86       | -13           | -44.86            | -80.20            | -64.61             | 5.85                 | 12.60                 | H                  |
|                                                                    | 5640              | -56.98       | -13           | -43.98            | -81.10            | -62.78             | 7.30                 | 13.10                 | H                  |
|                                                                    | 7520              | -55.39       | -13           | -42.39            | -81.67            | -58.54             | 8.35                 | 11.50                 | H                  |
|                                                                    | 3760              | -55.41       | -13           | -42.41            | -80.91            | -62.16             | 5.85                 | 12.60                 | V                  |
|                                                                    | 5640              | -56.32       | -13           | -43.32            | -80.59            | -62.12             | 7.30                 | 13.10                 | V                  |
|                                                                    | 7520              | -55.60       | -13           | -42.60            | -81.86            | -58.75             | 8.35                 | 11.50                 | V                  |
| NR n12 Middle                                                      | 1415              | -65.79       | -13           | -52.79            | -76.58            | -69.04             | 4.00                 | 9.40                  | H                  |
|                                                                    | 2122.5            | -61.34       | -13           | -48.34            | -78.90            | -64.91             | 4.88                 | 10.60                 | H                  |
|                                                                    | 2830              | -60.27       | -13           | -47.27            | -79.43            | -65.20             | 5.52                 | 12.60                 | H                  |
|                                                                    | 1415              | -64.60       | -13           | -51.60            | -76.45            | -67.85             | 4.00                 | 9.40                  | V                  |
|                                                                    | 2122.5            | -61.16       | -13           | -48.16            | -78.49            | -64.73             | 4.88                 | 10.60                 | V                  |
|                                                                    | 2830              | -59.50       | -13           | -46.50            | -79.53            | -64.43             | 5.52                 | 12.60                 | V                  |
| LTE Band2 Middle                                                   | 3760              | -57.60       | -13           | -44.60            | -79.94            | -64.35             | 5.85                 | 12.60                 | H                  |
|                                                                    | 5640              | -56.78       | -13           | -43.78            | -80.90            | -62.58             | 7.30                 | 13.10                 | H                  |
|                                                                    | 7520              | -55.37       | -13           | -42.37            | -81.65            | -58.52             | 8.35                 | 11.50                 | H                  |
|                                                                    | 3760              | -55.17       | -13           | -42.17            | -80.67            | -61.92             | 5.85                 | 12.60                 | V                  |
|                                                                    | 5640              | -56.87       | -13           | -43.87            | -81.14            | -62.67             | 7.30                 | 13.10                 | V                  |
|                                                                    | 7520              | -55.65       | -13           | -42.65            | -81.91            | -58.80             | 8.35                 | 11.50                 | V                  |
| NR n12 Highest                                                     | 1417              | -66.01       | -13           | -53.01            | -76.81            | -69.18             | 4.10                 | 9.42                  | H                  |
|                                                                    | 2125.5            | -61.83       | -13           | -48.83            | -79.39            | -65.41             | 4.90                 | 10.63                 | H                  |
|                                                                    | 2834              | -60.60       | -13           | -47.60            | -79.76            | -65.52             | 5.55                 | 12.62                 | H                  |
|                                                                    | 1417              | -64.58       | -13           | -51.58            | -76.38            | -67.75             | 4.10                 | 9.42                  | V                  |
|                                                                    | 2125.5            | -62.02       | -13           | -49.02            | -79.35            | -65.60             | 4.90                 | 10.63                 | V                  |
|                                                                    | 2834              | -59.37       | -13           | -46.37            | -79.40            | -64.29             | 5.55                 | 12.62                 | V                  |
| LTE Band2 Highest                                                  | 3760              | -57.58       | -13           | -44.58            | -79.92            | -64.33             | 5.85                 | 12.60                 | H                  |
|                                                                    | 5640              | -56.92       | -13           | -43.92            | -81.04            | -62.72             | 7.30                 | 13.10                 | H                  |
|                                                                    | 7520              | -55.64       | -13           | -42.64            | -81.92            | -58.79             | 8.35                 | 11.50                 | H                  |
|                                                                    | 3760              | -55.04       | -13           | -42.04            | -80.54            | -61.79             | 5.85                 | 12.60                 | V                  |
|                                                                    | 5640              | -56.91       | -13           | -43.91            | -81.18            | -62.71             | 7.30                 | 13.10                 | V                  |
|                                                                    | 7520              | -55.41       | -13           | -42.41            | -81.67            | -58.56             | 8.35                 | 11.50                 | V                  |

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



| SA n25 / 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                          | 3701.5               | -57.46          | -13              | -44.46                  | -80.46                  | -64.22                   | 5.82                       | 12.58                       | H                     |
|                                 | 5552.25              | -57.50          | -13              | -44.50                  | -81.91                  | -63.22                   | 7.28                       | 13.00                       | H                     |
|                                 | 7403                 | -55.22          | -13              | -42.22                  | -81.97                  | -58.38                   | 8.32                       | 11.48                       | H                     |
|                                 | 3701.5               | -54.87          | -13              | -41.87                  | -79.56                  | -61.63                   | 5.82                       | 12.58                       | V                     |
|                                 | 5552.25              | -56.71          | -13              | -43.71                  | -81.55                  | -62.43                   | 7.28                       | 13.00                       | V                     |
|                                 | 7403                 | -55.05          | -13              | -42.05                  | -81.77                  | -58.21                   | 8.32                       | 11.48                       | V                     |
| Middle                          | 3746.5               | -58.02          | -13              | -45.02                  | -80.36                  | -64.77                   | 5.85                       | 12.60                       | H                     |
|                                 | 5619.75              | -57.45          | -13              | -44.45                  | -81.65                  | -63.25                   | 7.30                       | 13.10                       | H                     |
|                                 | 7493                 | -55.72          | -13              | -42.72                  | -82.12                  | -58.87                   | 8.35                       | 11.50                       | H                     |
|                                 | 3746.5               | -55.25          | -13              | -42.25                  | -80.75                  | -62.00                   | 5.85                       | 12.60                       | V                     |
|                                 | 5619.75              | -56.82          | -13              | -43.82                  | -81.52                  | -62.62                   | 7.30                       | 13.10                       | V                     |
|                                 | 7493                 | -55.69          | -13              | -42.69                  | -82.08                  | -58.84                   | 8.35                       | 11.50                       | V                     |
| Highest                         | 3791.36              | -57.97          | -13              | -44.97                  | -81.20                  | -64.71                   | 5.88                       | 12.62                       | H                     |
|                                 | 5687.04              | -57.19          | -13              | -44.19                  | -81.61                  | -63.00                   | 7.32                       | 13.13                       | H                     |
|                                 | 7582.72              | -56.45          | -13              | -43.45                  | -82.53                  | -59.61                   | 8.38                       | 11.54                       | H                     |
|                                 | 3791.36              | -56.16          | -13              | -43.16                  | -80.88                  | -62.90                   | 5.88                       | 12.62                       | V                     |
|                                 | 5687.04              | -56.47          | -13              | -43.47                  | -81.24                  | -62.28                   | 7.32                       | 13.13                       | V                     |
|                                 | 7582.72              | -56.15          | -13              | -43.15                  | -82.23                  | -59.31                   | 8.38                       | 11.54                       | V                     |

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



| EN-DC_2A_n25A / LTE 20MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT1(NR) |                   |              |               |                   |                   |                    |                      |                       |                    |
|--------------------------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                            | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n25 Lowest                                                      | 3701.5            | -54.89       | -13           | -41.89            | -77.89            | -61.65             | 5.82                 | 12.58                 | H                  |
|                                                                    | 5552.25           | -55.39       | -13           | -42.39            | -79.80            | -61.11             | 7.28                 | 13.00                 | H                  |
|                                                                    | 7403              | -54.28       | -13           | -41.28            | -81.03            | -57.44             | 8.32                 | 11.48                 | H                  |
|                                                                    | 3701.5            | -54.68       | -13           | -41.68            | -79.37            | -61.44             | 5.82                 | 12.58                 | V                  |
|                                                                    | 5552.25           | -54.51       | -13           | -41.51            | -79.35            | -60.23             | 7.28                 | 13.00                 | V                  |
|                                                                    | 7403              | -54.31       | -13           | -41.31            | -81.03            | -57.47             | 8.32                 | 11.48                 | V                  |
| LTE Band2 Lowest                                                   | 3760              | -57.86       | -13           | -44.86            | -80.20            | -64.61             | 5.85                 | 12.60                 | H                  |
|                                                                    | 5640              | -56.79       | -13           | -43.79            | -80.91            | -62.59             | 7.30                 | 13.10                 | H                  |
|                                                                    | 7520              | -55.65       | -13           | -42.65            | -81.93            | -58.80             | 8.35                 | 11.50                 | H                  |
|                                                                    | 3760              | -55.00       | -13           | -42.00            | -80.5             | -61.75             | 5.85                 | 12.60                 | V                  |
|                                                                    | 5640              | -56.78       | -13           | -43.78            | -81.05            | -62.58             | 7.30                 | 13.10                 | V                  |
|                                                                    | 7520              | -55.11       | -13           | -42.11            | -81.37            | -58.26             | 8.35                 | 11.50                 | V                  |
| NR n25 Middle                                                      | 3746.5            | -57.11       | -13           | -44.11            | -79.45            | -63.86             | 5.85                 | 12.60                 | H                  |
|                                                                    | 5619.75           | -56.46       | -13           | -43.46            | -80.66            | -62.26             | 7.30                 | 13.10                 | H                  |
|                                                                    | 7493              | -54.70       | -13           | -41.70            | -81.10            | -57.85             | 8.35                 | 11.50                 | H                  |
|                                                                    | 3746.5            | -54.61       | -13           | -41.61            | -80.11            | -61.36             | 5.85                 | 12.60                 | V                  |
|                                                                    | 5619.75           | -56.02       | -13           | -43.02            | -80.72            | -61.82             | 7.30                 | 13.10                 | V                  |
|                                                                    | 7493              | -54.89       | -13           | -41.89            | -81.28            | -58.04             | 8.35                 | 11.50                 | V                  |
| LTE Band2 Middle                                                   | 3760              | -57.06       | -13           | -44.06            | -79.40            | -63.81             | 5.85                 | 12.60                 | H                  |
|                                                                    | 5640              | -56.08       | -13           | -43.08            | -80.20            | -61.88             | 7.30                 | 13.10                 | H                  |
|                                                                    | 7520              | -55.08       | -13           | -42.08            | -81.36            | -58.23             | 8.35                 | 11.50                 | H                  |
|                                                                    | 3760              | -54.71       | -13           | -41.71            | -80.21            | -61.46             | 5.85                 | 12.60                 | V                  |
|                                                                    | 5640              | -55.92       | -13           | -42.92            | -80.19            | -61.72             | 7.30                 | 13.10                 | V                  |
|                                                                    | 7520              | -54.85       | -13           | -41.85            | -81.11            | -58.00             | 8.35                 | 11.50                 | V                  |
| NR n25 Highest                                                     | 3791.36           | -57.04       | -13           | -44.04            | -80.27            | -63.78             | 5.88                 | 12.62                 | H                  |
|                                                                    | 5687.04           | -56.55       | -13           | -43.55            | -80.97            | -62.36             | 7.32                 | 13.13                 | H                  |
|                                                                    | 7582.72           | -55.70       | -13           | -42.70            | -81.78            | -58.86             | 8.38                 | 11.54                 | H                  |
|                                                                    | 3791.36           | -55.52       | -13           | -42.52            | -80.24            | -62.26             | 5.88                 | 12.62                 | V                  |
|                                                                    | 5687.04           | -56.31       | -13           | -43.31            | -81.08            | -62.12             | 7.32                 | 13.13                 | V                  |
|                                                                    | 7582.72           | -55.73       | -13           | -42.73            | -81.81            | -58.89             | 8.38                 | 11.54                 | V                  |
| LTE Band2 Highest                                                  | 3760              | -57.35       | -13           | -44.35            | -79.69            | -64.10             | 5.85                 | 12.60                 | H                  |
|                                                                    | 5640              | -56.71       | -13           | -43.71            | -80.83            | -62.51             | 7.30                 | 13.10                 | H                  |
|                                                                    | 7520              | -55.26       | -13           | -42.26            | -81.54            | -58.41             | 8.35                 | 11.50                 | H                  |
|                                                                    | 3760              | -54.76       | -13           | -41.76            | -80.26            | -61.51             | 5.85                 | 12.60                 | V                  |
|                                                                    | 5640              | -56.59       | -13           | -43.59            | -80.86            | -62.39             | 7.30                 | 13.10                 | V                  |
|                                                                    | 7520              | -55.46       | -13           | -42.46            | -81.72            | -58.61             | 8.35                 | 11.50                 | V                  |

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



| EN-DC 48A n25A / LTE 20MHz + NR 40MHz / QPSK / ANT3(LTE) & ANT1(NR) |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                             | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n25 Lowest                                                       | 3701.5            | -60.01       | -13           | -47.01            | -62.86            | -66.77             | 5.82                 | 12.58                 | H                  |
|                                                                     | 5552.25           | -59.60       | -13           | -46.60            | -64.04            | -65.32             | 7.28                 | 13.00                 | H                  |
|                                                                     | 7403              | -57.02       | -13           | -44.02            | -65.43            | -60.18             | 8.32                 | 11.48                 | H                  |
|                                                                     | 3701.5            | -58.20       | -13           | -45.20            | -62.74            | -64.96             | 5.82                 | 12.58                 | V                  |
|                                                                     | 5552.25           | -58.81       | -13           | -45.81            | -63.68            | -64.53             | 7.28                 | 13.00                 | V                  |
|                                                                     | 7403              | -57.57       | -13           | -44.57            | -65.95            | -60.73             | 8.32                 | 11.48                 | V                  |
| LTE Band48 Lowest                                                   | 7250.00           | -57.80       | -40           | -17.80            | -65.82            | -61.10             | 8.30                 | 11.60                 | H                  |
|                                                                     | 10875.00          | -54.12       | -40           | -14.12            | -67.45            | -55.64             | 10.48                | 12.00                 | H                  |
|                                                                     | 14500.00          | -54.52       | -40           | -14.52            | -68.99            | -56.22             | 11.80                | 13.50                 | H                  |
|                                                                     | 7250.00           | -56.31       | -40           | -16.31            | -65.87            | -59.61             | 8.30                 | 11.60                 | V                  |
|                                                                     | 10875.00          | -52.60       | -40           | -12.60            | -67.58            | -54.12             | 10.48                | 12.00                 | V                  |
|                                                                     | 14500.00          | -54.73       | -40           | -14.73            | -68.81            | -56.43             | 11.80                | 13.50                 | V                  |
| NR n25 Middle                                                       | 3746.5            | -60.81       | -13           | -47.81            | -62.94            | -67.56             | 5.85                 | 12.60                 | H                  |
|                                                                     | 5619.75           | -60.09       | -13           | -47.09            | -64.36            | -65.89             | 7.30                 | 13.10                 | H                  |
|                                                                     | 7493              | -57.96       | -13           | -44.96            | -66.16            | -61.11             | 8.35                 | 11.50                 | H                  |
|                                                                     | 3746.5            | -58.23       | -13           | -45.23            | -63.52            | -64.98             | 5.85                 | 12.60                 | V                  |
|                                                                     | 5619.75           | -59.81       | -13           | -46.81            | -64.58            | -65.61             | 7.30                 | 13.10                 | V                  |
|                                                                     | 7493              | -58.07       | -13           | -45.07            | -66.26            | -61.22             | 8.35                 | 11.50                 | V                  |
| LTE Band48 Middle                                                   | 7250.00           | -57.77       | -40           | -17.77            | -65.79            | -61.07             | 8.30                 | 11.60                 | H                  |
|                                                                     | 10875.00          | -54.22       | -40           | -14.22            | -67.55            | -55.74             | 10.48                | 12.00                 | H                  |
|                                                                     | 14500.00          | -54.08       | -40           | -14.08            | -68.55            | -55.78             | 11.80                | 13.50                 | H                  |
|                                                                     | 7250.00           | -56.24       | -40           | -16.24            | -65.8             | -59.54             | 8.30                 | 11.60                 | V                  |
|                                                                     | 10875.00          | -52.33       | -40           | -12.33            | -67.31            | -53.85             | 10.48                | 12.00                 | V                  |
|                                                                     | 14500.00          | -54.78       | -40           | -14.78            | -68.86            | -56.48             | 11.80                | 13.50                 | V                  |
| NR n25 Highest                                                      | 3791.36           | -60.77       | -13           | -47.77            | -63.75            | -67.51             | 5.88                 | 12.62                 | H                  |
|                                                                     | 5687.04           | -60.01       | -13           | -47.01            | -64.54            | -65.82             | 7.32                 | 13.13                 | H                  |
|                                                                     | 7582.72           | -58.38       | -13           | -45.38            | -66.32            | -61.54             | 8.38                 | 11.54                 | H                  |
|                                                                     | 3791.36           | -59.26       | -13           | -46.26            | -63.73            | -66.00             | 5.88                 | 12.62                 | V                  |
|                                                                     | 5687.04           | -59.84       | -13           | -46.84            | -64.72            | -65.65             | 7.32                 | 13.13                 | V                  |
|                                                                     | 7582.72           | -58.52       | -13           | -45.52            | -66.46            | -61.68             | 8.38                 | 11.54                 | V                  |
| LTE Band48 Highest                                                  | 7250.00           | -57.36       | -40           | -17.36            | -65.38            | -60.66             | 8.30                 | 11.60                 | H                  |
|                                                                     | 10875.00          | -54.28       | -40           | -14.28            | -67.61            | -55.80             | 10.48                | 12.00                 | H                  |
|                                                                     | 14500.00          | -54.38       | -40           | -14.38            | -68.85            | -56.08             | 11.80                | 13.50                 | H                  |
|                                                                     | 7250.00           | -56.32       | -40           | -16.32            | -65.88            | -59.62             | 8.30                 | 11.60                 | V                  |
|                                                                     | 10875.00          | -52.87       | -40           | -12.87            | -67.85            | -54.39             | 10.48                | 12.00                 | V                  |
|                                                                     | 14500.00          | -54.75       | -40           | -14.75            | -68.83            | -56.45             | 11.80                | 13.50                 | V                  |

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



| SA n26 / NR 20MHz / 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                          | 1668                 | -64.71          | -13              | -51.71                  | -76.36                  | -67.94                   | 3.98                       | 9.36                        | H                     |
|                                 | 2502                 | -59.36          | -13              | -46.36                  | -78.13                  | -62.91                   | 4.85                       | 10.55                       | H                     |
|                                 | 3336                 | -58.55          | -13              | -45.55                  | -79.52                  | -63.48                   | 5.50                       | 12.58                       | H                     |
|                                 | 1668                 | -64.17          | -13              | -51.17                  | -76.49                  | -67.40                   | 3.98                       | 9.36                        | V                     |
|                                 | 2502                 | -59.50          | -13              | -46.50                  | -78.53                  | -63.05                   | 4.85                       | 10.55                       | V                     |
|                                 | 3336                 | -58.21          | -13              | -45.21                  | -79.68                  | -63.14                   | 5.50                       | 12.58                       | V                     |
| Middle                          | 1673                 | -64.81          | -13              | -51.81                  | -76.52                  | -68.06                   | 4.00                       | 9.40                        | H                     |
|                                 | 2509.5               | -59.14          | -13              | -46.14                  | -78.04                  | -62.71                   | 4.88                       | 10.60                       | H                     |
|                                 | 3346                 | -58.71          | -13              | -45.71                  | -79.78                  | -63.64                   | 5.52                       | 12.60                       | H                     |
|                                 | 1673                 | -64.33          | -13              | -51.33                  | -76.75                  | -67.58                   | 4.00                       | 9.40                        | V                     |
|                                 | 2509.5               | -59.41          | -13              | -46.41                  | -78.52                  | -62.98                   | 4.88                       | 10.60                       | V                     |
|                                 | 3346                 | -58.33          | -13              | -45.33                  | -79.70                  | -63.26                   | 5.52                       | 12.60                       | V                     |
| Highest                         | 1678                 | -64.45          | -13              | -51.45                  | -76.87                  | -67.62                   | 4.10                       | 9.42                        | H                     |
|                                 | 2517                 | -59.71          | -13              | -46.71                  | -78.84                  | -63.29                   | 4.90                       | 10.63                       | H                     |
|                                 | 3356                 | -58.41          | -13              | -45.41                  | -79.70                  | -63.33                   | 5.55                       | 12.62                       | H                     |
|                                 | 1678                 | -65.40          | -13              | -52.40                  | -77.11                  | -68.57                   | 4.10                       | 9.42                        | V                     |
|                                 | 2517                 | -59.77          | -13              | -46.77                  | -78.69                  | -63.35                   | 4.90                       | 10.63                       | V                     |
|                                 | 3356                 | -58.36          | -13              | -45.36                  | -79.00                  | -63.28                   | 5.55                       | 12.62                       | V                     |

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



| SA n66 / 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                          | 3460                 | -59.37          | -13              | -46.37                  | -81.32                  | -66.25                   | 5.60                       | 12.48                       | H                     |
|                                 | 5190                 | -57.27          | -13              | -44.27                  | -81.31                  | -62.95                   | 7.10                       | 12.78                       | H                     |
|                                 | 6920                 | -55.94          | -13              | -42.94                  | -81.60                  | -59.33                   | 8.38                       | 11.77                       | H                     |
|                                 | 3460                 | -59.80          | -13              | -46.80                  | -81.55                  | -66.68                   | 5.60                       | 12.48                       | V                     |
|                                 | 5190                 | -56.45          | -13              | -43.45                  | -80.88                  | -62.13                   | 7.10                       | 12.78                       | V                     |
|                                 | 6920                 | -54.79          | -13              | -41.79                  | -81.55                  | -58.18                   | 8.38                       | 11.77                       | V                     |
| Middle                          | 3490                 | -60.41          | -13              | -47.41                  | -82.14                  | -67.26                   | 5.65                       | 12.50                       | H                     |
|                                 | 5235                 | -56.98          | -13              | -43.98                  | -81.25                  | -62.65                   | 7.13                       | 12.80                       | H                     |
|                                 | 6980                 | -55.82          | -13              | -42.82                  | -81.58                  | -59.22                   | 8.40                       | 11.80                       | H                     |
|                                 | 3490                 | -58.64          | -13              | -45.64                  | -81.04                  | -65.49                   | 5.65                       | 12.50                       | V                     |
|                                 | 5235                 | -56.94          | -13              | -43.94                  | -81.28                  | -62.61                   | 7.13                       | 12.80                       | V                     |
|                                 | 6980                 | -55.88          | -13              | -42.88                  | -82.01                  | -59.28                   | 8.40                       | 11.80                       | V                     |
| Highest                         | 3520                 | -59.37          | -13              | -46.37                  | -81.70                  | -66.21                   | 5.68                       | 12.52                       | H                     |
|                                 | 5280                 | -57.35          | -13              | -44.35                  | -81.79                  | -63.02                   | 7.15                       | 12.82                       | H                     |
|                                 | 7040                 | -55.88          | -13              | -42.88                  | -81.76                  | -59.31                   | 8.42                       | 11.85                       | H                     |
|                                 | 3520                 | -59.08          | -13              | -46.08                  | -81.81                  | -65.92                   | 5.68                       | 12.52                       | V                     |
|                                 | 5280                 | -57.84          | -13              | -44.84                  | -82.07                  | -63.51                   | 7.15                       | 12.82                       | V                     |
|                                 | 7040                 | -55.18          | -13              | -42.18                  | -81.57                  | -58.61                   | 8.42                       | 11.85                       | V                     |

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



| EN-DC_2A_n66A / LTE 20MHz + NR 40MHz / QPSK / ANT0(LTE) & ANT1(NR) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|--------------------------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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) |
| NR n66<br>Lowest                                                   | 3460                 | -57.79          | -13              | -44.79                  | -79.74                  | -64.67                   | 5.60                       | 12.48                       | H                     |
|                                                                    | 5190                 | -56.89          | -13              | -43.89                  | -80.93                  | -62.57                   | 7.10                       | 12.78                       | H                     |
|                                                                    | 6920                 | -55.41          | -13              | -42.41                  | -81.07                  | -58.80                   | 8.38                       | 11.77                       | H                     |
|                                                                    | 3460                 | -58.00          | -13              | -45.00                  | -79.75                  | -64.88                   | 5.60                       | 12.48                       | V                     |
|                                                                    | 5190                 | -56.45          | -13              | -43.45                  | -80.88                  | -62.13                   | 7.10                       | 12.78                       | V                     |
|                                                                    | 6920                 | -54.96          | -13              | -41.96                  | -81.72                  | -58.35                   | 8.38                       | 11.77                       | V                     |
| LTE Band2<br>Lowest                                                | 3760                 | -57.34          | -13              | -44.34                  | -79.68                  | -64.09                   | 5.85                       | 12.60                       | H                     |
|                                                                    | 5640                 | -56.54          | -13              | -43.54                  | -80.66                  | -62.34                   | 7.30                       | 13.10                       | H                     |
|                                                                    | 7520                 | -55.16          | -13              | -42.16                  | -81.44                  | -58.31                   | 8.35                       | 11.50                       | H                     |
|                                                                    | 3760                 | -54.59          | -13              | -41.59                  | -80.09                  | -61.34                   | 5.85                       | 12.60                       | V                     |
|                                                                    | 5640                 | -56.21          | -13              | -43.21                  | -80.48                  | -62.01                   | 7.30                       | 13.10                       | V                     |
|                                                                    | 7520                 | -55.13          | -13              | -42.13                  | -81.39                  | -58.28                   | 8.35                       | 11.50                       | V                     |
| NR n66<br>Middle                                                   | 3490                 | -58.25          | -13              | -45.25                  | -79.98                  | -65.10                   | 5.65                       | 12.50                       | H                     |
|                                                                    | 5235                 | -55.82          | -13              | -42.82                  | -80.09                  | -61.49                   | 7.13                       | 12.80                       | H                     |
|                                                                    | 6980                 | -55.19          | -13              | -42.19                  | -80.95                  | -58.59                   | 8.40                       | 11.80                       | H                     |
|                                                                    | 3490                 | -56.73          | -13              | -43.73                  | -79.13                  | -63.58                   | 5.65                       | 12.50                       | V                     |
|                                                                    | 5235                 | -56.80          | -13              | -43.80                  | -81.14                  | -62.47                   | 7.13                       | 12.80                       | V                     |
|                                                                    | 6980                 | -54.71          | -13              | -41.71                  | -80.84                  | -58.11                   | 8.40                       | 11.80                       | V                     |
| LTE Band2<br>Middle                                                | 3760                 | -56.69          | -13              | -43.69                  | -79.03                  | -63.44                   | 5.85                       | 12.60                       | H                     |
|                                                                    | 5640                 | -56.13          | -13              | -43.13                  | -80.25                  | -61.93                   | 7.30                       | 13.10                       | H                     |
|                                                                    | 7520                 | -54.86          | -13              | -41.86                  | -81.14                  | -58.01                   | 8.35                       | 11.50                       | H                     |
|                                                                    | 3760                 | -54.64          | -13              | -41.64                  | -80.14                  | -61.39                   | 5.85                       | 12.60                       | V                     |
|                                                                    | 5640                 | -55.77          | -13              | -42.77                  | -80.04                  | -61.57                   | 7.30                       | 13.10                       | V                     |
|                                                                    | 7520                 | -54.94          | -13              | -41.94                  | -81.2                   | -58.09                   | 8.35                       | 11.50                       | V                     |
| NR n66<br>Highest                                                  | 3520                 | -58.09          | -13              | -45.09                  | -80.42                  | -64.93                   | 5.68                       | 12.52                       | H                     |
|                                                                    | 5280                 | -56.71          | -13              | -43.71                  | -81.15                  | -62.38                   | 7.15                       | 12.82                       | H                     |
|                                                                    | 7040                 | -55.28          | -13              | -42.28                  | -81.16                  | -58.71                   | 8.42                       | 11.85                       | H                     |
|                                                                    | 3520                 | -56.94          | -13              | -43.94                  | -79.67                  | -63.78                   | 5.68                       | 12.52                       | V                     |
|                                                                    | 5280                 | -57.19          | -13              | -44.19                  | -81.42                  | -62.86                   | 7.15                       | 12.82                       | V                     |
|                                                                    | 7040                 | -54.95          | -13              | -41.95                  | -81.34                  | -58.38                   | 8.42                       | 11.85                       | V                     |
| LTE Band2<br>Highest                                               | 3760                 | -57.16          | -13              | -44.16                  | -79.50                  | -63.91                   | 5.85                       | 12.60                       | H                     |
|                                                                    | 5640                 | -56.55          | -13              | -43.55                  | -80.67                  | -62.35                   | 7.30                       | 13.10                       | H                     |
|                                                                    | 7520                 | -55.14          | -13              | -42.14                  | -81.42                  | -58.29                   | 8.35                       | 11.50                       | H                     |
|                                                                    | 3760                 | -54.51          | -13              | -41.51                  | -80.01                  | -61.26                   | 5.85                       | 12.60                       | V                     |
|                                                                    | 5640                 | -56.24          | -13              | -43.24                  | -80.51                  | -62.04                   | 7.30                       | 13.10                       | V                     |
|                                                                    | 7520                 | -55.11          | -13              | -42.11                  | -81.37                  | -58.26                   | 8.35                       | 11.50                       | V                     |

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



| EN-DC 48A n66A / LTE 20MHz + NR 40MHz / QPSK / ANT3(LTE) & ANT1(NR) |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                                                             | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| NR n66 Lowest                                                       | 3460              | -61.43       | -13           | -48.43            | -63.49            | -68.31             | 5.60                 | 12.48                 | H                  |
|                                                                     | 5190              | -60.24       | -13           | -47.24            | -64.60            | -65.92             | 7.10                 | 12.78                 | H                  |
|                                                                     | 6920              | -58.04       | -13           | -45.04            | -64.66            | -61.43             | 8.38                 | 11.77                 | H                  |
|                                                                     | 3460              | -61.69       | -13           | -48.69            | -63.55            | -68.57             | 5.60                 | 12.48                 | V                  |
|                                                                     | 5190              | -59.93       | -13           | -46.93            | -64.68            | -65.61             | 7.10                 | 12.78                 | V                  |
|                                                                     | 6920              | -57.49       | -13           | -44.49            | -65.21            | -60.88             | 8.38                 | 11.77                 | V                  |
| LTE Band48 Lowest                                                   | 7250.00           | -57.66       | -40           | -17.66            | -65.68            | -60.96             | 8.30                 | 11.60                 | H                  |
|                                                                     | 10875.00          | -53.55       | -40           | -13.55            | -66.88            | -55.07             | 10.48                | 12.00                 | H                  |
|                                                                     | 14500.00          | -54.47       | -40           | -14.47            | -68.94            | -56.17             | 11.80                | 13.50                 | H                  |
|                                                                     | 7250.00           | -56.22       | -40           | -16.22            | -65.78            | -59.52             | 8.30                 | 11.60                 | V                  |
|                                                                     | 10875.00          | -52.81       | -40           | -12.81            | -67.79            | -54.33             | 10.48                | 12.00                 | V                  |
|                                                                     | 14500.00          | -54.85       | -40           | -14.85            | -68.93            | -56.55             | 11.80                | 13.50                 | V                  |
| NR n66 Middle                                                       | 3490              | -62.10       | -13           | -49.10            | -63.94            | -68.95             | 5.65                 | 12.50                 | H                  |
|                                                                     | 5235              | -59.96       | -13           | -46.96            | -64.50            | -65.63             | 7.13                 | 12.80                 | H                  |
|                                                                     | 6980              | -58.09       | -13           | -45.09            | -64.83            | -61.49             | 8.40                 | 11.80                 | H                  |
|                                                                     | 3490              | -60.75       | -13           | -47.75            | -63.26            | -67.60             | 5.65                 | 12.50                 | V                  |
|                                                                     | 5235              | -59.80       | -13           | -46.80            | -64.41            | -65.47             | 7.13                 | 12.80                 | V                  |
|                                                                     | 6980              | -58.23       | -13           | -45.23            | -65.34            | -61.63             | 8.40                 | 11.80                 | V                  |
| LTE Band48 Middle                                                   | 7250.00           | -57.48       | -40           | -17.48            | -65.50            | -60.78             | 8.30                 | 11.60                 | H                  |
|                                                                     | 10875.00          | -53.82       | -40           | -13.82            | -67.15            | -55.34             | 10.48                | 12.00                 | H                  |
|                                                                     | 14500.00          | -54.18       | -40           | -14.18            | -68.65            | -55.88             | 11.80                | 13.50                 | H                  |
|                                                                     | 7250.00           | -55.94       | -40           | -15.94            | -65.5             | -59.24             | 8.30                 | 11.60                 | V                  |
|                                                                     | 10875.00          | -52.33       | -40           | -12.33            | -67.31            | -53.85             | 10.48                | 12.00                 | V                  |
|                                                                     | 14500.00          | -54.58       | -40           | -14.58            | -68.66            | -56.28             | 11.80                | 13.50                 | V                  |
| NR n66 Highest                                                      | 3520              | -61.98       | -13           | -48.98            | -64.39            | -68.82             | 5.68                 | 12.52                 | H                  |
|                                                                     | 5280              | -60.31       | -13           | -47.31            | -64.97            | -65.98             | 7.15                 | 12.82                 | H                  |
|                                                                     | 7040              | -58.79       | -13           | -45.79            | -65.73            | -62.22             | 8.42                 | 11.85                 | H                  |
|                                                                     | 3520              | -60.46       | -13           | -47.46            | -63.27            | -67.30             | 5.68                 | 12.52                 | V                  |
|                                                                     | 5280              | -60.70       | -13           | -47.70            | -65.15            | -66.37             | 7.15                 | 12.82                 | V                  |
|                                                                     | 7040              | -58.32       | -13           | -45.32            | -65.77            | -61.75             | 8.42                 | 11.85                 | V                  |
| LTE Band48 Highest                                                  | 7250.00           | -57.50       | -40           | -17.50            | -65.52            | -60.80             | 8.30                 | 11.60                 | H                  |
|                                                                     | 10875.00          | -54.01       | -40           | -14.01            | -67.34            | -55.53             | 10.48                | 12.00                 | H                  |
|                                                                     | 14500.00          | -54.06       | -40           | -14.06            | -68.53            | -55.76             | 11.80                | 13.50                 | H                  |
|                                                                     | 7250.00           | -55.76       | -40           | -15.76            | -65.32            | -59.06             | 8.30                 | 11.60                 | V                  |
|                                                                     | 10875.00          | -52.03       | -40           | -12.03            | -67.01            | -53.55             | 10.48                | 12.00                 | V                  |
|                                                                     | 14500.00          | -54.95       | -40           | -14.95            | -69.03            | -56.65             | 11.80                | 13.50                 | V                  |

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