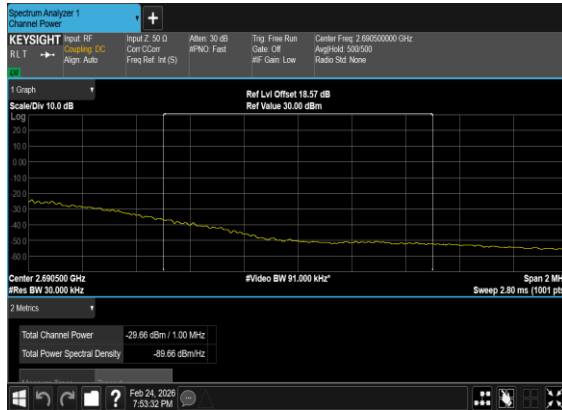
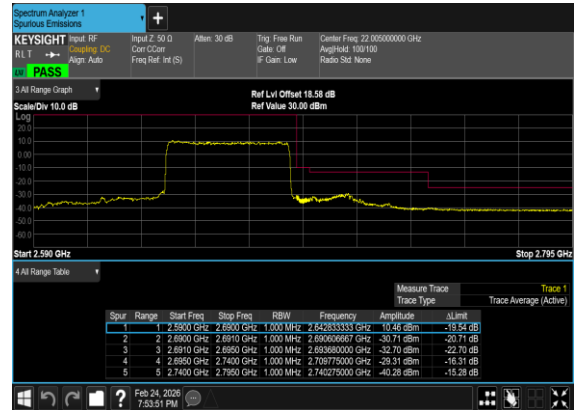




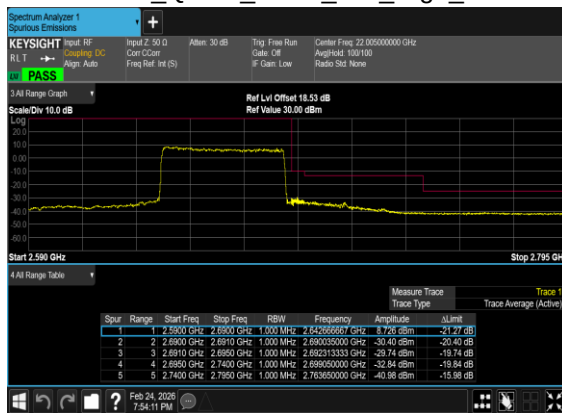
N41(50M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS



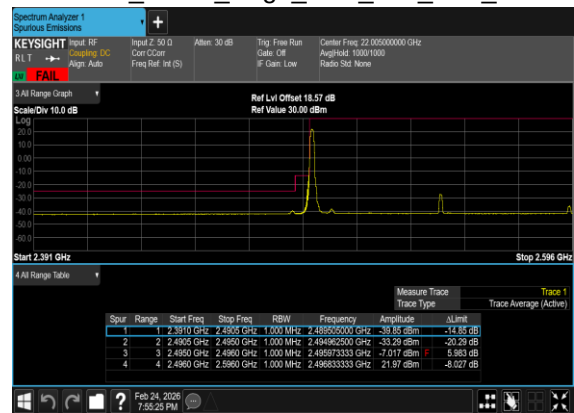
N41(50M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



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

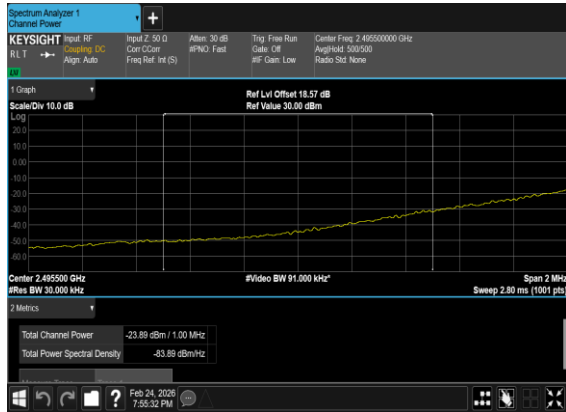


N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH

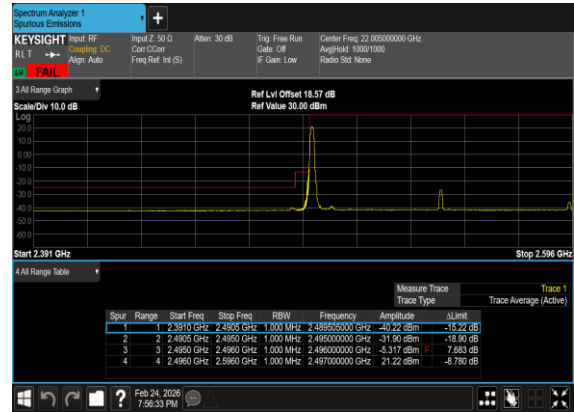




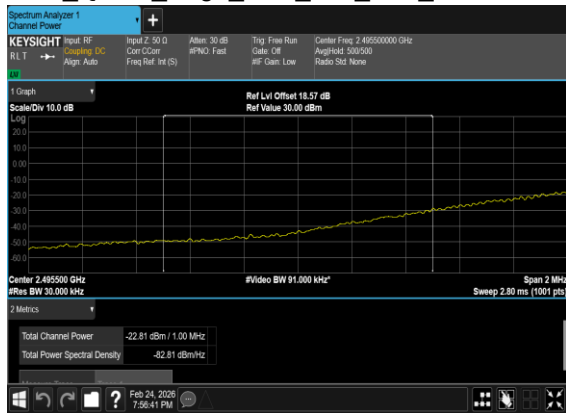
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH\_CHP\_PASS



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



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

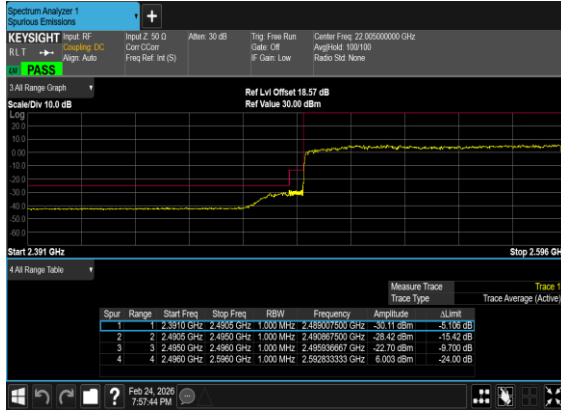


N41(100M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH





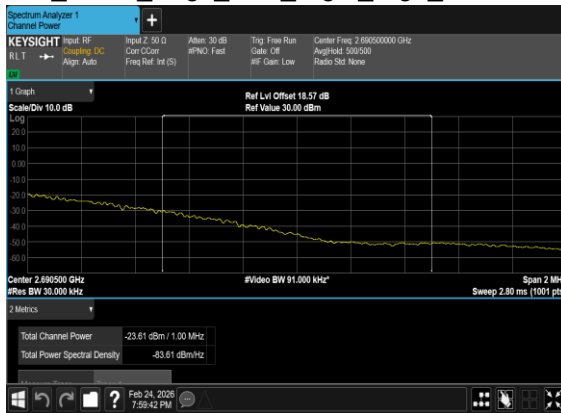
N41(100M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



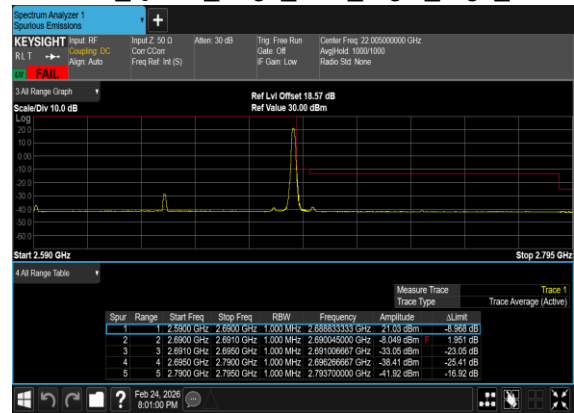
N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N41(100M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS

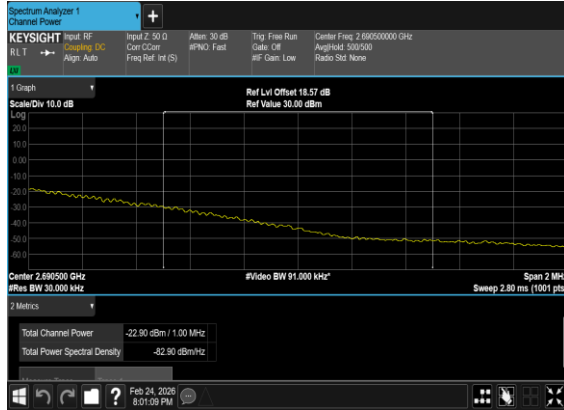


N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

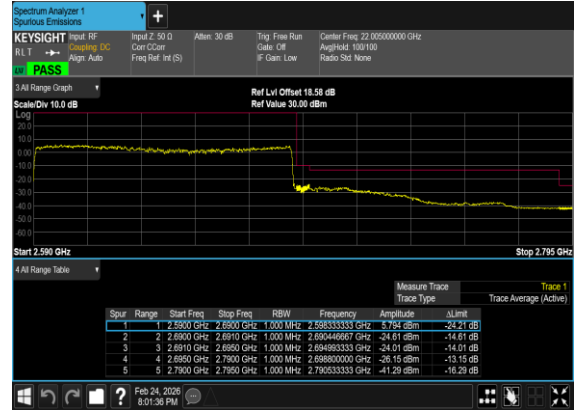




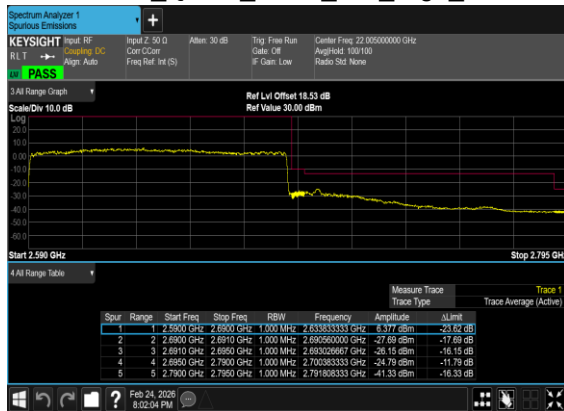
N41(100M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH\_CHP\_PASS



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



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





## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |           |                     |        |
|-----------------|-----------|---------------------|--------|
| Test Engineer : | Jia Kuang | Temperature :       | 22~25℃ |
|                 |           | Relative Humidity : | 48~52% |

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

| n7 SA / NR 40MHz / QPSK(ANT1) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                       | Frequency<br>( MHz ) | EIRP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Lowest                        | 5002.00              | -60.06          | -25              | -35.06                  | -81.95                  | -65.62                   | 7.12                       | 12.68                       | H                     |
|                               | 7503.00              | -56.20          | -25              | -31.20                  | -82.06                  | -59.53                   | 8.26                       | 11.59                       | H                     |
|                               | 10004.00             | -51.65          | -25              | -26.65                  | -81.88                  | -53.18                   | 10.45                      | 11.98                       | H                     |
|                               | 5002.00              | -59.86          | -25              | -34.86                  | -81.8                   | -65.42                   | 7.12                       | 12.68                       | V                     |
|                               | 7503.00              | -55.92          | -25              | -30.92                  | -81.77                  | -59.25                   | 8.26                       | 11.59                       | V                     |
|                               | 10004.00             | -53.23          | -25              | -28.23                  | -81.83                  | -54.76                   | 10.45                      | 11.98                       | V                     |
| Middle                        | 5032.00              | -59.80          | -25              | -34.80                  | -81.63                  | -65.36                   | 7.14                       | 12.70                       | H                     |
|                               | 7548.00              | -55.61          | -25              | -30.61                  | -81.40                  | -58.91                   | 8.30                       | 11.60                       | H                     |
|                               | 10064.00             | -51.39          | -25              | -26.39                  | -81.59                  | -52.91                   | 10.48                      | 12.00                       | H                     |
|                               | 5032.00              | -58.88          | -25              | -33.88                  | -80.8                   | -64.44                   | 7.14                       | 12.70                       | V                     |
|                               | 7548.00              | -55.32          | -25              | -30.32                  | -81.08                  | -58.62                   | 8.30                       | 11.60                       | V                     |
|                               | 10064.00             | -53.09          | -25              | -28.09                  | -81.77                  | -54.61                   | 10.48                      | 12.00                       | V                     |
| Highest                       | 5062.00              | -59.89          | -25              | -34.89                  | -81.65                  | -65.45                   | 7.16                       | 12.72                       | H                     |
|                               | 7593.00              | -56.06          | -25              | -31.06                  | -81.74                  | -59.36                   | 8.33                       | 11.63                       | H                     |
|                               | 10124.00             | -51.85          | -25              | -26.85                  | -82.00                  | -53.45                   | 10.50                      | 12.10                       | H                     |
|                               | 5062.00              | -58.57          | -25              | -33.57                  | -80.47                  | -64.13                   | 7.16                       | 12.72                       | V                     |
|                               | 7593.00              | -55.99          | -25              | -30.99                  | -81.62                  | -59.29                   | 8.33                       | 11.63                       | V                     |
|                               | 10124.00             | -52.98          | -25              | -27.98                  | -81.76                  | -54.58                   | 10.50                      | 12.10                       | V                     |

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



| EN-DC_13A_n7A / LTE 10MHz + NR 40MHz / QPSK(ANT1) |                      |                     |                  |                         |                         |                          |                            |                             |                       |
|---------------------------------------------------|----------------------|---------------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                           | Frequency<br>( MHz ) | ERP/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 n7<br>Lowest                                   | 5002.00              | -59.05              | -25              | -34.05                  | -80.94                  | -64.61                   | 7.12                       | 12.68                       | H                     |
|                                                   | 7503.00              | -56.25              | -25              | -31.25                  | -82.11                  | -59.58                   | 8.26                       | 11.59                       | H                     |
|                                                   | 10004.00             | -52.64              | -25              | -27.64                  | -82.87                  | -54.17                   | 10.45                      | 11.98                       | H                     |
|                                                   | 5002.00              | -59.48              | -25              | -34.48                  | -81.42                  | -65.04                   | 7.12                       | 12.68                       | V                     |
|                                                   | 7503.00              | -56.32              | -25              | -31.32                  | -82.17                  | -59.65                   | 8.26                       | 11.59                       | V                     |
|                                                   | 10004.00             | -54.19              | -25              | -29.19                  | -82.79                  | -55.72                   | 10.45                      | 11.98                       | V                     |
| LTE<br>Band13<br>Lowest                           | 1559.5               | -66.44              | -42.15           | -24.29                  | -75.99                  | -69.67                   | 3.98                       | 9.36                        | H                     |
|                                                   | 2339.25              | -64.01              | -13              | -51.01                  | -78.33                  | -67.56                   | 4.85                       | 10.55                       | H                     |
|                                                   | 3119                 | -62.31              | -13              | -49.31                  | -78.79                  | -67.24                   | 5.50                       | 12.58                       | H                     |
|                                                   | 1559.5               | -66.49              | -42.15           | -24.34                  | -76.12                  | -69.72                   | 3.98                       | 9.36                        | V                     |
|                                                   | 2339.25              | -63.85              | -13              | -50.85                  | -78.17                  | -67.40                   | 4.85                       | 10.55                       | V                     |
|                                                   | 3119                 | -62.26              | -13              | -49.26                  | -78.78                  | -67.19                   | 5.50                       | 12.58                       | V                     |
| NR n7<br>Middle                                   | 5032.00              | -58.93              | -25              | -33.93                  | -80.76                  | -64.49                   | 7.14                       | 12.70                       | H                     |
|                                                   | 7548.00              | -56.52              | -25              | -31.52                  | -82.31                  | -59.82                   | 8.30                       | 11.60                       | H                     |
|                                                   | 10064.00             | -52.18              | -25              | -27.18                  | -82.38                  | -53.70                   | 10.48                      | 12.00                       | H                     |
|                                                   | 5032.00              | -58.73              | -25              | -33.73                  | -80.65                  | -64.29                   | 7.14                       | 12.70                       | V                     |
|                                                   | 7548.00              | -56.02              | -25              | -31.02                  | -81.78                  | -59.32                   | 8.30                       | 11.60                       | V                     |
|                                                   | 10064.00             | -53.74              | -25              | -28.74                  | -82.42                  | -55.26                   | 10.48                      | 12.00                       | V                     |
| LTE<br>Band13<br>Middle                           | 1559.5               | -65.85              | -42.15           | -23.70                  | -75.40                  | -69.10                   | 4.00                       | 9.40                        | H                     |
|                                                   | 2339.25              | -63.33              | -13              | -50.33                  | -77.65                  | -66.90                   | 4.88                       | 10.60                       | H                     |
|                                                   | 3119                 | -62.44              | -13              | -49.44                  | -78.92                  | -67.37                   | 5.52                       | 12.60                       | H                     |
|                                                   | 1559.5               | -66.16              | -42.15           | -24.01                  | -75.79                  | -69.41                   | 4.00                       | 9.40                        | V                     |
|                                                   | 2339.25              | -63.12              | -13              | -50.12                  | -77.44                  | -66.69                   | 4.88                       | 10.60                       | V                     |
|                                                   | 3119                 | -62.40              | -13              | -49.40                  | -78.92                  | -67.33                   | 5.52                       | 12.60                       | V                     |
| NR n7<br>Highest                                  | 5062.00              | -60.26              | -25              | -35.26                  | -82.02                  | -65.82                   | 7.16                       | 12.72                       | H                     |
|                                                   | 7593.00              | -56.28              | -25              | -31.28                  | -81.96                  | -59.58                   | 8.33                       | 11.63                       | H                     |
|                                                   | 10124.00             | -51.69              | -25              | -26.69                  | -81.84                  | -53.29                   | 10.50                      | 12.10                       | H                     |
|                                                   | 5062.00              | -59.95              | -25              | -34.95                  | -81.85                  | -65.51                   | 7.16                       | 12.72                       | V                     |
|                                                   | 7593.00              | -56.51              | -25              | -31.51                  | -82.14                  | -59.81                   | 8.33                       | 11.63                       | V                     |
|                                                   | 10124.00             | -53.31              | -25              | -28.31                  | -82.09                  | -54.91                   | 10.50                      | 12.10                       | V                     |
| LTE<br>Band13<br>Highest                          | 1559.5               | -66.34              | -42.15           | -24.19                  | -75.89                  | -69.51                   | 4.10                       | 9.42                        | H                     |
|                                                   | 2339.25              | -63.66              | -13              | -50.66                  | -77.98                  | -67.24                   | 4.90                       | 10.63                       | H                     |
|                                                   | 3119                 | -62.48              | -13              | -49.48                  | -78.96                  | -67.40                   | 5.55                       | 12.62                       | H                     |
|                                                   | 1559.5               | -66.38              | -42.15           | -24.23                  | -76.01                  | -69.55                   | 4.10                       | 9.42                        | V                     |
|                                                   | 2339.25              | -63.04              | -13              | -50.04                  | -77.36                  | -66.62                   | 4.90                       | 10.63                       | V                     |
|                                                   | 3119                 | -62.46              | -13              | -49.46                  | -78.98                  | -67.38                   | 5.55                       | 12.62                       | V                     |

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



| n12 SA / NR 15MHz / QPSK(ANT1) |                      |                |                  |                         |                         |                          |                            |                             |                       |
|--------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                        | Frequency<br>( MHz ) | ERP<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                         | 1399                 | -65.21         | -13              | -52.21                  | -75.16                  | -68.44                   | 3.98                       | 9.36                        | H                     |
|                                | 2098.5               | -64.21         | -13              | -51.21                  | -77.04                  | -67.76                   | 4.85                       | 10.55                       | H                     |
|                                | 2798                 | -62.73         | -13              | -49.73                  | -78.00                  | -67.66                   | 5.50                       | 12.58                       | H                     |
|                                | 1399                 | -65.98         | -13              | -52.98                  | -75.50                  | -69.21                   | 3.98                       | 9.36                        | V                     |
|                                | 2098.5               | -64.50         | -13              | -51.50                  | -77.28                  | -68.05                   | 4.85                       | 10.55                       | V                     |
|                                | 2798                 | -62.50         | -13              | -49.50                  | -77.96                  | -67.43                   | 5.50                       | 12.58                       | V                     |
| Middle                         | 1401                 | -65.34         | -13              | -52.34                  | -75.42                  | -68.59                   | 4.00                       | 9.40                        | H                     |
|                                | 2101                 | -64.41         | -13              | -51.41                  | -77.24                  | -67.98                   | 4.88                       | 10.60                       | H                     |
|                                | 2802                 | -62.84         | -13              | -49.84                  | -78.11                  | -67.77                   | 5.52                       | 12.60                       | H                     |
|                                | 1401                 | -65.74         | -13              | -52.74                  | -75.38                  | -68.99                   | 4.00                       | 9.40                        | V                     |
|                                | 2101                 | -64.37         | -13              | -51.37                  | -77.15                  | -67.94                   | 4.88                       | 10.60                       | V                     |
|                                | 2802                 | -62.85         | -13              | -49.85                  | -78.31                  | -67.78                   | 5.52                       | 12.60                       | V                     |
| Highest                        | 1403                 | -65.46         | -13              | -52.46                  | -75.54                  | -68.63                   | 4.10                       | 9.42                        | H                     |
|                                | 2104.5               | -64.22         | -13              | -51.22                  | -77.05                  | -67.80                   | 4.90                       | 10.63                       | H                     |
|                                | 2806                 | -62.74         | -13              | -49.74                  | -78.01                  | -67.66                   | 5.55                       | 12.62                       | H                     |
|                                | 1403                 | -65.97         | -13              | -52.97                  | -75.61                  | -69.14                   | 4.10                       | 9.42                        | V                     |
|                                | 2104.5               | -64.56         | -13              | -51.56                  | -77.34                  | -68.14                   | 4.90                       | 10.63                       | V                     |
|                                | 2806                 | -62.57         | -13              | -49.57                  | -78.03                  | -67.49                   | 5.55                       | 12.62                       | V                     |

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



| EN-DC_48A_n12A / LTE 10MHz + NR 15MHz/ QPSK(ANT1) |                      |                     |                  |                         |                         |                          |                            |                             |                       |
|---------------------------------------------------|----------------------|---------------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                                           | Frequency<br>( MHz ) | ERP/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 n12<br>Lowest                                  | 1399                 | -65.31              | -13              | -52.31                  | -75.26                  | -68.54                   | 3.98                       | 9.36                        | H                     |
|                                                   | 2098.5               | -64.26              | -13              | -51.26                  | -77.09                  | -67.81                   | 4.85                       | 10.55                       | H                     |
|                                                   | 2798                 | -62.95              | -13              | -49.95                  | -78.22                  | -67.88                   | 5.50                       | 12.58                       | H                     |
|                                                   | 3497.5               | -60.64              | -13              | -47.64                  | -77.62                  | -65.11                   | 5.98                       | 12.60                       | H                     |
|                                                   | 1399                 | -65.84              | -13              | -52.84                  | -75.36                  | -69.07                   | 3.98                       | 9.36                        | V                     |
|                                                   | 2098.5               | -64.16              | -13              | -51.16                  | -76.94                  | -67.71                   | 4.85                       | 10.55                       | V                     |
|                                                   | 2798                 | -62.68              | -13              | -49.68                  | -78.14                  | -67.61                   | 5.50                       | 12.58                       | V                     |
|                                                   | 3497.5               | -54.60              | -13              | -41.60                  | -71.55                  | -59.07                   | 5.98                       | 12.60                       | V                     |
| LTE<br>Band48<br>Lowest                           | 7241.00              | -60.09              | -40              | -20.09                  | -53.77                  | -66.34                   | 6.30                       | 12.55                       | H                     |
|                                                   | 10861.50             | -55.50              | -40              | -15.50                  | -55.79                  | -58.90                   | 8.25                       | 11.65                       | H                     |
|                                                   | 14482.00             | -50.00              | -40              | -10.00                  | -56.36                  | -52.35                   | 9.50                       | 11.85                       | H                     |
|                                                   | 7241.00              | -59.80              | -40              | -19.80                  | -53.79                  | -66.05                   | 6.30                       | 12.55                       | V                     |
|                                                   | 10861.50             | -56.08              | -40              | -16.08                  | -56.01                  | -59.48                   | 8.25                       | 11.65                       | V                     |
|                                                   | 14482.00             | -50.31              | -40              | -10.31                  | -56.08                  | -52.66                   | 9.50                       | 11.85                       | V                     |
| NR n12<br>Middle                                  | 1401                 | -65.42              | -13              | -52.42                  | -75.50                  | -68.67                   | 4.00                       | 9.40                        | H                     |
|                                                   | 2101                 | -64.17              | -13              | -51.17                  | -77.00                  | -67.74                   | 4.88                       | 10.60                       | H                     |
|                                                   | 2802                 | -62.87              | -13              | -49.87                  | -78.14                  | -67.80                   | 5.52                       | 12.60                       | H                     |
|                                                   | 3502.5               | -59.52              | -13              | -46.52                  | -76.50                  | -63.99                   | 6.00                       | 12.62                       | H                     |
|                                                   | 1401                 | -65.71              | -13              | -52.71                  | -75.35                  | -68.96                   | 4.00                       | 9.40                        | V                     |
|                                                   | 2101                 | -64.25              | -13              | -51.25                  | -77.03                  | -67.82                   | 4.88                       | 10.60                       | V                     |
|                                                   | 2802                 | -62.65              | -13              | -49.65                  | -78.11                  | -67.58                   | 5.52                       | 12.60                       | V                     |
|                                                   | 3502.5               | -56.56              | -13              | -43.56                  | -73.51                  | -61.03                   | 6.00                       | 12.62                       | V                     |
| LTE<br>Band48<br>Middle                           | 7241.00              | -60.15              | -40              | -20.15                  | -53.83                  | -66.40                   | 6.45                       | 12.70                       | H                     |
|                                                   | 10861.50             | -55.62              | -40              | -15.62                  | -55.91                  | -59.02                   | 8.40                       | 11.80                       | H                     |
|                                                   | 14482.00             | -49.44              | -40              | -9.44                   | -55.80                  | -51.79                   | 9.65                       | 12.00                       | H                     |
|                                                   | 7241.00              | -59.03              | -40              | -19.03                  | -53.02                  | -65.28                   | 6.45                       | 12.70                       | V                     |
|                                                   | 10861.50             | -55.94              | -40              | -15.94                  | -55.87                  | -59.34                   | 8.40                       | 11.80                       | V                     |
|                                                   | 14482.00             | -50.49              | -40              | -10.49                  | -56.26                  | -52.84                   | 9.65                       | 12.00                       | V                     |
| NR n12<br>Highest                                 | 1403                 | -65.28              | -13              | -52.28                  | -75.36                  | -68.45                   | 4.10                       | 9.42                        | H                     |
|                                                   | 2104.5               | -64.10              | -13              | -51.10                  | -76.93                  | -67.68                   | 4.90                       | 10.63                       | H                     |
|                                                   | 2806                 | -62.67              | -13              | -49.67                  | -77.94                  | -67.59                   | 5.55                       | 12.62                       | H                     |
|                                                   | 3507.5               | -59.19              | -13              | -46.19                  | -76.31                  | -63.67                   | 6.02                       | 12.65                       | H                     |
|                                                   | 1403                 | -65.69              | -13              | -52.69                  | -75.33                  | -68.86                   | 4.10                       | 9.42                        | V                     |
|                                                   | 2104.5               | -64.04              | -13              | -51.04                  | -76.82                  | -67.62                   | 4.90                       | 10.63                       | V                     |
|                                                   | 2806                 | -62.56              | -13              | -49.56                  | -78.02                  | -67.48                   | 5.55                       | 12.62                       | V                     |
|                                                   | 3507.5               | -55.10              | -13              | -42.10                  | -72.16                  | -59.58                   | 6.02                       | 12.65                       | V                     |
| LTE<br>Band48<br>Highest                          | 7241.00              | -60.05              | -40              | -20.05                  | -53.73                  | -66.30                   | 6.61                       | 12.86                       | H                     |
|                                                   | 10861.50             | -55.28              | -40              | -15.28                  | -55.57                  | -58.66                   | 8.56                       | 11.94                       | H                     |
|                                                   | 14482.00             | -49.68              | -40              | -9.68                   | -56.04                  | -52.03                   | 9.81                       | 12.16                       | H                     |
|                                                   | 7241.00              | -59.74              | -40              | -19.74                  | -53.73                  | -65.99                   | 6.61                       | 12.86                       | V                     |
|                                                   | 10861.50             | -56.12              | -40              | -16.12                  | -56.05                  | -59.50                   | 8.56                       | 11.94                       | V                     |
|                                                   | 14482.00             | -50.67              | -40              | -10.67                  | -56.44                  | -53.02                   | 9.81                       | 12.16                       | V                     |

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



| n13 SA / NR 10MHz / QPSK(ANT1) |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                        | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                         | 1555              | -65.89      | -13           | -52.89            | -75.44            | -69.12             | 3.98                 | 9.36                  | H                  |
|                                | 2332.5            | -63.00      | -13           | -50.00            | -77.37            | -66.55             | 4.85                 | 10.55                 | H                  |
|                                | 3110              | -61.46      | -13           | -48.46            | -77.84            | -66.39             | 5.50                 | 12.58                 | H                  |
|                                | 1555              | -65.63      | -13           | -52.63            | -75.26            | -68.86             | 3.98                 | 9.36                  | V                  |
|                                | 2332.5            | -62.90      | -13           | -49.90            | -77.27            | -66.45             | 4.85                 | 10.55                 | V                  |
|                                | 3110              | -61.38      | -13           | -48.38            | -77.82            | -66.31             | 5.50                 | 12.58                 | V                  |
| Middle                         | 1562              | -65.56      | -42.15        | -23.41            | -75.11            | -68.81             | 4.00                 | 9.40                  | H                  |
|                                | 2343              | -62.65      | -13           | -49.65            | -76.97            | -66.22             | 4.88                 | 10.60                 | H                  |
|                                | 3124              | -61.11      | -13           | -48.11            | -77.59            | -66.04             | 5.52                 | 12.60                 | H                  |
|                                | 1562              | -65.62      | -42.15        | -23.47            | -75.25            | -68.87             | 4.00                 | 9.40                  | V                  |
|                                | 2343              | -62.94      | -13           | -49.94            | -77.26            | -66.51             | 4.88                 | 10.60                 | V                  |
|                                | 3124              | -61.00      | -13           | -48.00            | -77.52            | -65.93             | 5.52                 | 12.60                 | V                  |
| Highest                        | 1565              | -65.67      | -42.15        | -23.52            | -75.22            | -68.84             | 4.10                 | 9.42                  | H                  |
|                                | 2347.5            | -63.10      | -13           | -50.10            | -77.42            | -66.68             | 4.90                 | 10.63                 | H                  |
|                                | 3130              | -61.17      | -13           | -48.17            | -77.68            | -66.09             | 5.55                 | 12.62                 | H                  |
|                                | 1565              | -65.89      | -42.15        | -23.74            | -75.52            | -69.06             | 4.10                 | 9.42                  | V                  |
|                                | 2347.5            | -62.98      | -13           | -49.98            | -77.30            | -66.56             | 4.90                 | 10.63                 | V                  |
|                                | 3130              | -61.56      | -13           | -48.56            | -78.11            | -66.48             | 5.55                 | 12.62                 | V                  |

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

| n41 SA / NR 100MHz / QPSK(ANT1) |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                         | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                          | 4996.00           | -58.77       | -25           | -33.77            | -80.66            | -64.33             | 7.12                 | 12.68                 | H                  |
|                                 | 7494.00           | -55.45       | -25           | -30.45            | -81.35            | -58.78             | 8.26                 | 11.59                 | H                  |
|                                 | 9992.00           | -51.51       | -25           | -26.51            | -81.74            | -53.04             | 10.45                | 11.98                 | H                  |
|                                 | 4996.00           | -59.66       | -25           | -34.66            | -81.6             | -65.22             | 7.12                 | 12.68                 | V                  |
|                                 | 7494.00           | -55.88       | -25           | -30.88            | -81.77            | -59.21             | 8.26                 | 11.59                 | V                  |
|                                 | 9992.00           | -53.19       | -25           | -28.19            | -81.75            | -54.72             | 10.45                | 11.98                 | V                  |
| Middle                          | 5090.00           | -57.42       | -25           | -32.42            | -79.12            | -62.98             | 7.14                 | 12.70                 | H                  |
|                                 | 7635.00           | -54.82       | -25           | -29.82            | -80.57            | -58.12             | 8.30                 | 11.60                 | H                  |
|                                 | 10180.00          | -50.72       | -25           | -25.72            | -80.84            | -52.24             | 10.48                | 12.00                 | H                  |
|                                 | 5090.00           | -56.50       | -25           | -31.50            | -78.38            | -62.06             | 7.14                 | 12.70                 | V                  |
|                                 | 7635.00           | -54.33       | -25           | -29.33            | -80               | -57.63             | 8.30                 | 11.60                 | V                  |
|                                 | 10180.00          | -52.27       | -25           | -27.27            | -81.14            | -53.79             | 10.48                | 12.00                 | V                  |
| Highest                         | 5184.00           | -58.24       | -25           | -33.24            | -79.80            | -63.80             | 7.16                 | 12.72                 | H                  |
|                                 | 7776.00           | -56.20       | -25           | -31.20            | -82.25            | -59.50             | 8.33                 | 11.63                 | H                  |
|                                 | 10368.00          | -52.31       | -25           | -27.31            | -82.33            | -53.91             | 10.50                | 12.10                 | H                  |
|                                 | 5184.00           | -58.45       | -25           | -33.45            | -80.3             | -64.01             | 7.16                 | 12.72                 | V                  |
|                                 | 7776.00           | -56.20       | -25           | -31.20            | -82.08            | -59.50             | 8.33                 | 11.63                 | V                  |
|                                 | 10368.00          | -53.25       | -25           | -28.25            | -82.44            | -54.85             | 10.50                | 12.10                 | V                  |

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



| EN-DC 25A_n41A / LTE 10MHz + NR 100MHz / QPSK(ANT1+3) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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 n41<br>Lowest                                      | 4996.00              | -60.07          | -25              | -35.07                  | -81.96                  | -65.63                   | 7.12                       | 12.68                       | H                     |
|                                                       | 7494.00              | -56.19          | -25              | -31.19                  | -82.09                  | -59.52                   | 8.26                       | 11.59                       | H                     |
|                                                       | 9992.00              | -52.46          | -25              | -27.46                  | -82.69                  | -53.99                   | 10.45                      | 11.98                       | H                     |
|                                                       | 4996.00              | -59.90          | -25              | -34.90                  | -81.84                  | -65.46                   | 7.12                       | 12.68                       | V                     |
|                                                       | 7494.00              | -52.62          | -25              | -27.62                  | -78.51                  | -55.95                   | 8.26                       | 11.59                       | V                     |
|                                                       | 9992.00              | -54.01          | -25              | -29.01                  | -82.57                  | -55.54                   | 10.45                      | 11.98                       | V                     |
| LTE<br>Band25<br>Lowest                               | 3756                 | -60.79          | -13              | -47.79                  | -78.91                  | -67.55                   | 5.82                       | 12.58                       | H                     |
|                                                       | 5634                 | -59.23          | -13              | -46.23                  | -82.09                  | -64.95                   | 7.28                       | 13.00                       | H                     |
|                                                       | 7512                 | -56.36          | -13              | -43.36                  | -82.22                  | -59.52                   | 8.32                       | 11.48                       | H                     |
|                                                       | 3756                 | -59.53          | -13              | -46.53                  | -77.58                  | -66.29                   | 5.82                       | 12.58                       | V                     |
|                                                       | 5634                 | -59.87          | -13              | -46.87                  | -81.98                  | -65.59                   | 7.28                       | 13.00                       | V                     |
|                                                       | 7512                 | -56.28          | -13              | -43.28                  | -82.13                  | -59.44                   | 8.32                       | 11.48                       | V                     |
| NR n41<br>Middle                                      | 5090.00              | -59.91          | -25              | -34.91                  | -81.61                  | -65.47                   | 7.14                       | 12.70                       | H                     |
|                                                       | 7635.00              | -55.97          | -25              | -30.97                  | -81.72                  | -59.27                   | 8.30                       | 11.60                       | H                     |
|                                                       | 10180.00             | -52.07          | -25              | -27.07                  | -82.19                  | -53.59                   | 10.48                      | 12.00                       | H                     |
|                                                       | 5090.00              | -59.85          | -25              | -34.85                  | -81.73                  | -65.41                   | 7.14                       | 12.70                       | V                     |
|                                                       | 7635.00              | -51.71          | -25              | -26.71                  | -77.38                  | -55.01                   | 8.30                       | 11.60                       | V                     |
|                                                       | 10180.00             | -53.18          | -25              | -28.18                  | -82.05                  | -54.70                   | 10.48                      | 12.00                       | V                     |
| LTE<br>Band25<br>Middle                               | 3756                 | -60.93          | -13              | -47.93                  | -79.05                  | -67.68                   | 5.85                       | 12.60                       | H                     |
|                                                       | 5634                 | -59.49          | -13              | -46.49                  | -82.35                  | -65.29                   | 7.30                       | 13.10                       | H                     |
|                                                       | 7512                 | -55.95          | -13              | -42.95                  | -81.81                  | -59.10                   | 8.35                       | 11.50                       | H                     |
|                                                       | 3756                 | -58.35          | -13              | -45.35                  | -76.4                   | -65.10                   | 5.85                       | 12.60                       | V                     |
|                                                       | 5634                 | -59.81          | -13              | -46.81                  | -81.92                  | -65.61                   | 7.30                       | 13.10                       | V                     |
|                                                       | 7512                 | -56.33          | -13              | -43.33                  | -82.18                  | -59.48                   | 8.35                       | 11.50                       | V                     |
| NR n41<br>Highest                                     | 5184.00              | -60.51          | -25              | -35.51                  | -82.07                  | -66.07                   | 7.16                       | 12.72                       | H                     |
|                                                       | 7776.00              | -56.34          | -25              | -31.34                  | -82.39                  | -59.64                   | 8.33                       | 11.63                       | H                     |
|                                                       | 10368.00             | -52.01          | -25              | -27.01                  | -82.03                  | -53.61                   | 10.50                      | 12.10                       | H                     |
|                                                       | 5184.00              | -60.40          | -25              | -35.40                  | -82.25                  | -65.96                   | 7.16                       | 12.72                       | V                     |
|                                                       | 7776.00              | -54.84          | -25              | -29.84                  | -80.72                  | -58.14                   | 8.33                       | 11.63                       | V                     |
|                                                       | 10368.00             | -53.32          | -25              | -28.32                  | -82.51                  | -54.92                   | 10.50                      | 12.10                       | V                     |
| LTE<br>Band25<br>Highest                              | 3756                 | -61.09          | -13              | -48.09                  | -79.21                  | -67.83                   | 5.88                       | 12.62                       | H                     |
|                                                       | 5634                 | -58.95          | -13              | -45.95                  | -81.81                  | -64.76                   | 7.32                       | 13.13                       | H                     |
|                                                       | 7512                 | -56.25          | -13              | -43.25                  | -82.11                  | -59.41                   | 8.38                       | 11.54                       | H                     |
|                                                       | 3756                 | -59.17          | -13              | -46.17                  | -77.22                  | -65.91                   | 5.88                       | 12.62                       | V                     |
|                                                       | 5634                 | -59.85          | -13              | -46.85                  | -81.96                  | -65.66                   | 7.32                       | 13.13                       | V                     |
|                                                       | 7512                 | -56.21          | -13              | -43.21                  | -82.06                  | -59.37                   | 8.38                       | 11.54                       | V                     |

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



| UL MIMO n41 / NR 100MHz / QPSK(ANT1+3) |                      |                 |                  |                         |                         |                          |                            |                             |                       |
|----------------------------------------|----------------------|-----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                                 | 4996.00              | -60.85          | -25              | -35.85                  | -82.74                  | -66.41                   | 7.12                       | 12.68                       | H                     |
|                                        | 7494.00              | -55.09          | -25              | -30.09                  | -80.99                  | -58.42                   | 8.26                       | 11.59                       | H                     |
|                                        | 9992.00              | -52.85          | -25              | -27.85                  | -83.08                  | -54.38                   | 10.45                      | 11.98                       | H                     |
|                                        | 4996.00              | -60.53          | -25              | -35.53                  | -82.47                  | -66.09                   | 7.12                       | 12.68                       | V                     |
|                                        | 7494.00              | -48.45          | -25              | -23.45                  | -74.34                  | -51.78                   | 8.26                       | 11.59                       | V                     |
|                                        | 9992.00              | -54.02          | -25              | -29.02                  | -82.58                  | -55.55                   | 10.45                      | 11.98                       | V                     |
| Middle                                 | 5090.00              | -60.57          | -25              | -35.57                  | -82.27                  | -66.13                   | 7.14                       | 12.70                       | H                     |
|                                        | 7635.00              | -56.05          | -25              | -31.05                  | -81.80                  | -59.35                   | 8.30                       | 11.60                       | H                     |
|                                        | 10180.00             | -51.75          | -25              | -26.75                  | -81.87                  | -53.27                   | 10.48                      | 12.00                       | H                     |
|                                        | 5090.00              | -60.44          | -25              | -35.44                  | -82.32                  | -66.00                   | 7.14                       | 12.70                       | V                     |
|                                        | 7635.00              | -50.56          | -25              | -25.56                  | -76.23                  | -53.86                   | 8.30                       | 11.60                       | V                     |
|                                        | 10180.00             | -53.71          | -25              | -28.71                  | -82.58                  | -55.23                   | 10.48                      | 12.00                       | V                     |
| Highest                                | 5184.00              | -61.14          | -25              | -36.14                  | -82.70                  | -66.70                   | 7.16                       | 12.72                       | H                     |
|                                        | 7776.00              | -56.71          | -25              | -31.71                  | -82.76                  | -60.01                   | 8.33                       | 11.63                       | H                     |
|                                        | 10368.00             | -52.87          | -25              | -27.87                  | -82.89                  | -54.47                   | 10.50                      | 12.10                       | H                     |
|                                        | 5184.00              | -58.43          | -25              | -33.43                  | -80.28                  | -63.99                   | 7.16                       | 12.72                       | V                     |
|                                        | 7776.00              | -52.77          | -25              | -27.77                  | -78.65                  | -56.07                   | 8.33                       | 11.63                       | V                     |
|                                        | 10368.00             | -53.45          | -25              | -28.45                  | -82.64                  | -55.05                   | 10.50                      | 12.10                       | V                     |

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