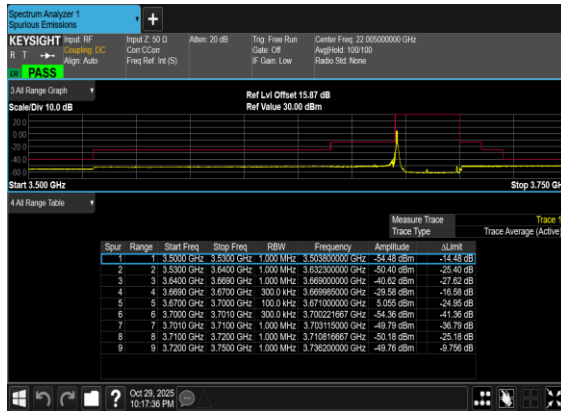
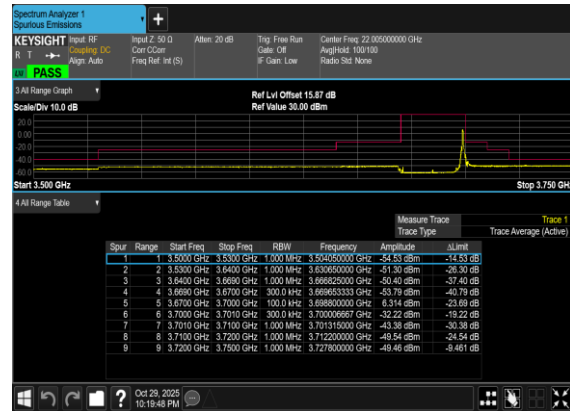




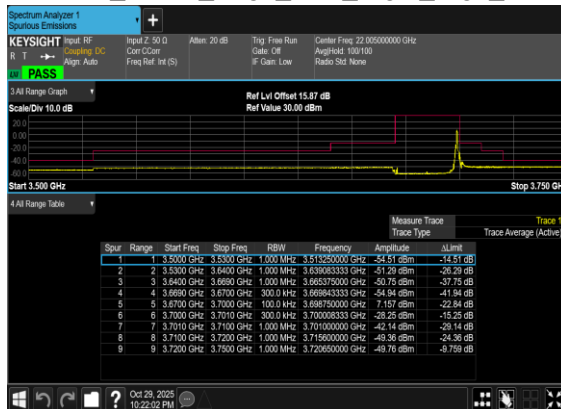
N48(30M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



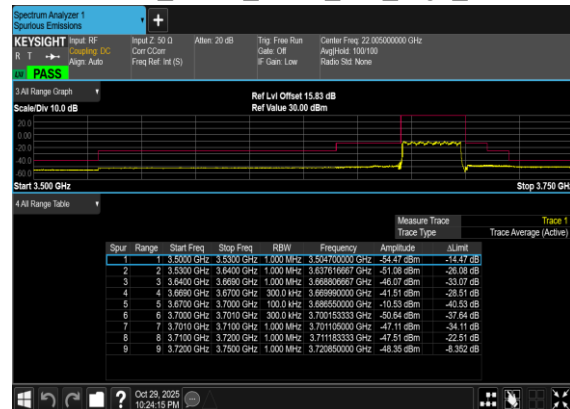
N48(30M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N48(30M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH

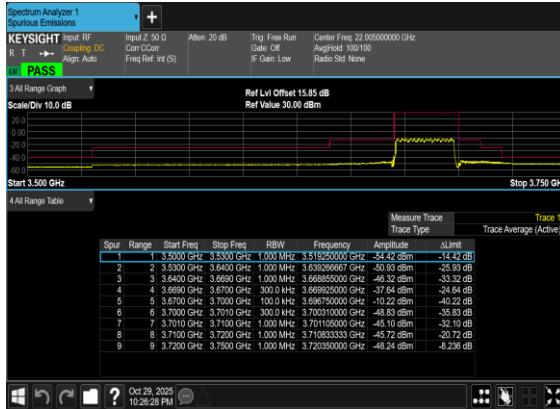


N48(30M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH

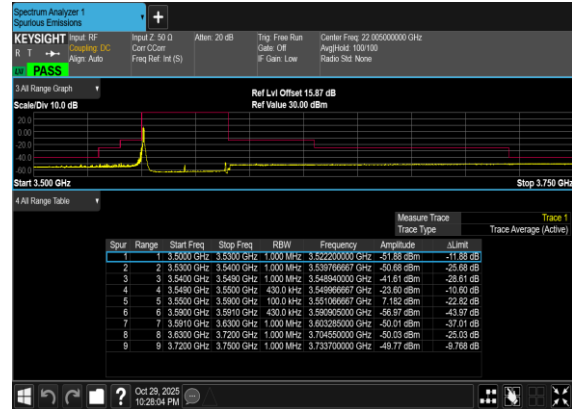




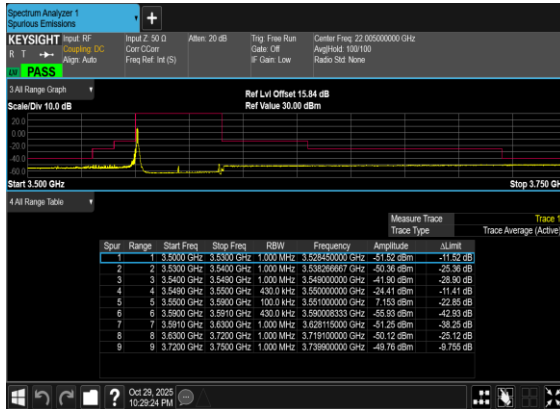
N48(30M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_High\_CH



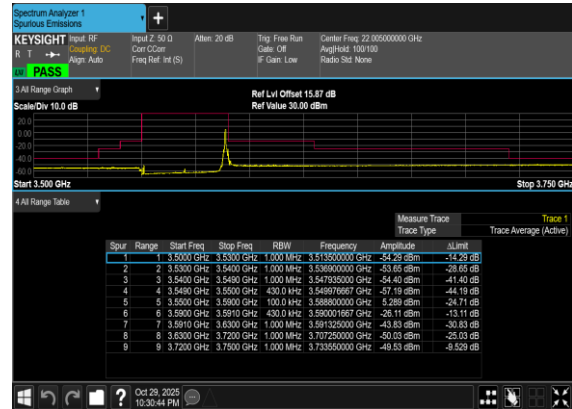
N48(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



N48(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH

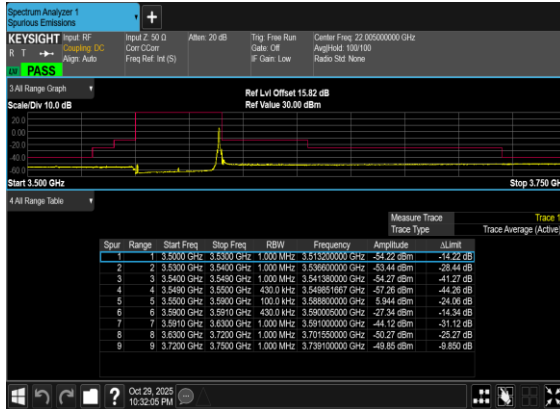


N48(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_Low\_CH

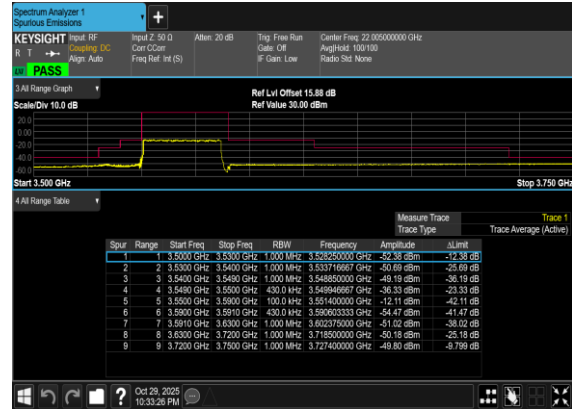




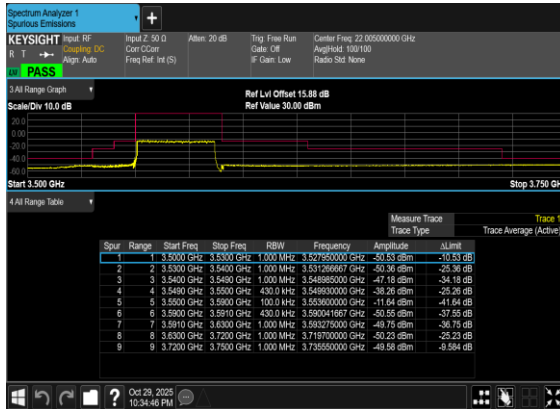
N48(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_Low\_CH



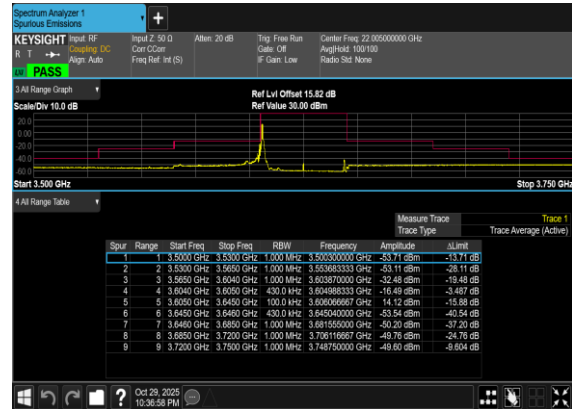
N48(40M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



N48(40M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH

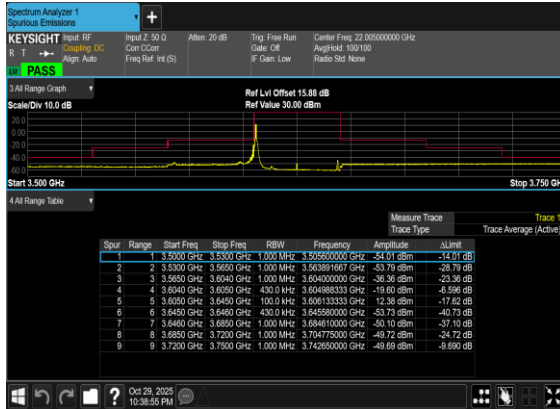


N48(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH

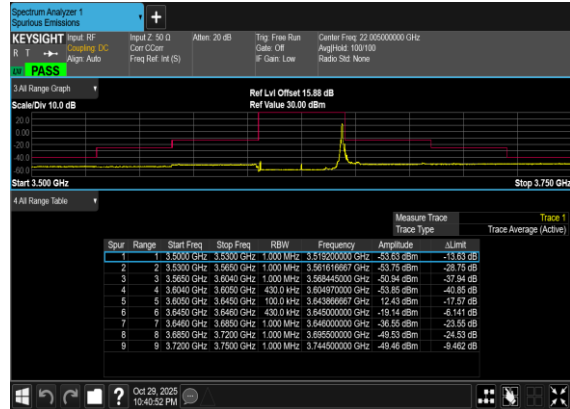




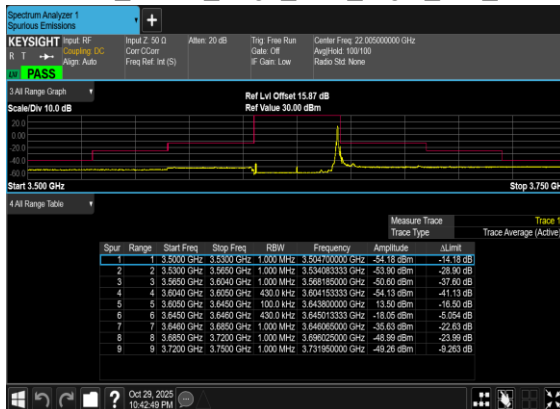
N48(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



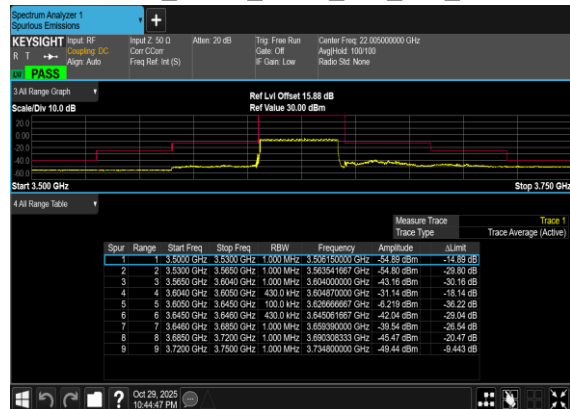
N48(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



N48(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH

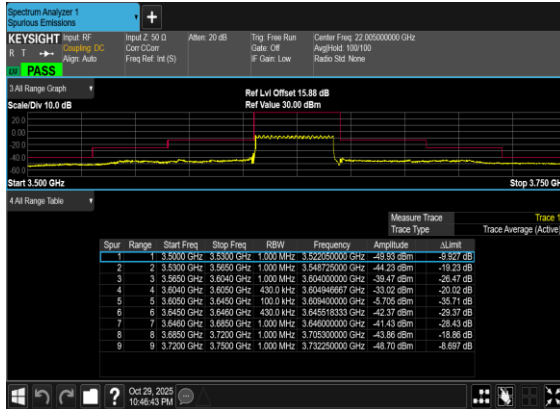


N48(40M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Mid\_CH

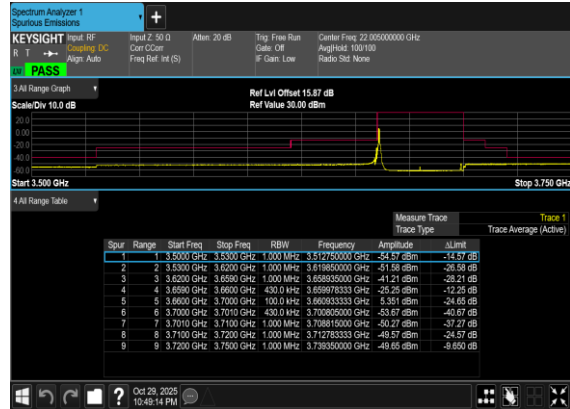




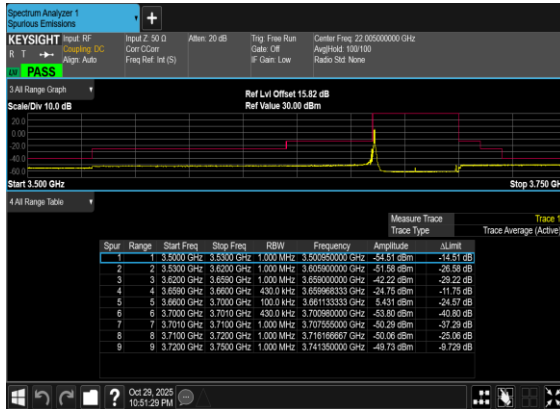
N48(40M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Mid\_CH



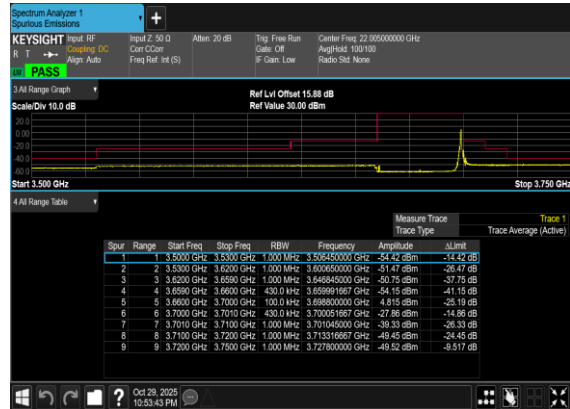
N48(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



N48(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH

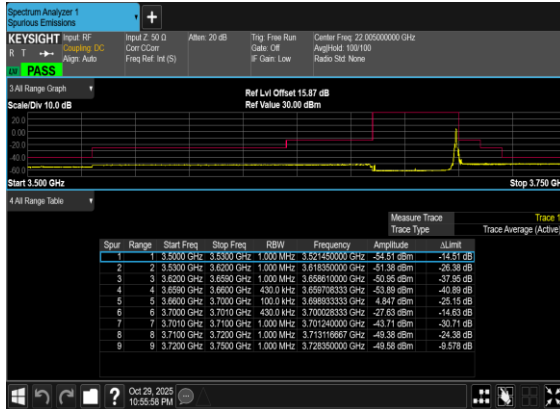


N48(40M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH

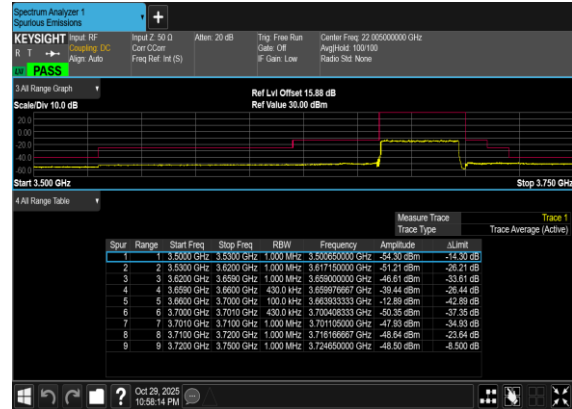




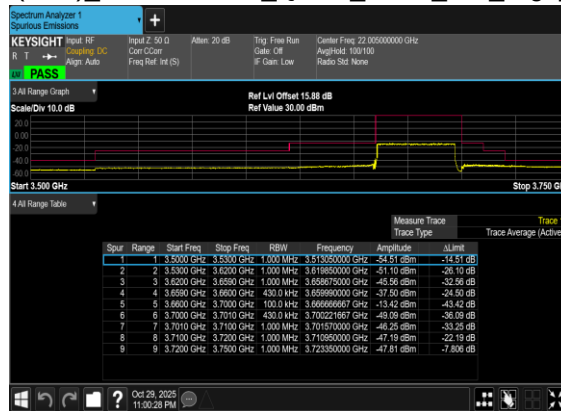
N48(40M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



N48(40M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_High\_CH



N48(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                        |            |                            |        |
|------------------------|------------|----------------------------|--------|
| <b>Test Engineer :</b> | Wenbo Xiao | <b>Temperature :</b>       | 22~25℃ |
|                        |            | <b>Relative Humidity :</b> | 48~52% |

Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test and record in the report.

| SA n48 / 40MHz / QPSK / ANT9 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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) |
| Middle                       | 7212.00           | -58.70       | -40           | -18.70            | -52.28            | -62.00             | 8.30                 | 11.60                 | H                  |
|                              | 10818.00          | -56.43       | -40           | -16.43            | -56.61            | -57.95             | 10.48                | 12.00                 | H                  |
|                              | 14424.00          | -50.36       | -40           | -10.36            | -56.42            | -52.06             | 11.80                | 13.50                 | H                  |
|                              | 7212.00           | -59.77       | -40           | -19.77            | -53.72            | -63.07             | 8.30                 | 11.60                 | V                  |
|                              | 10818.00          | -57.37       | -40           | -17.37            | -57.17            | -58.89             | 10.48                | 12.00                 | V                  |
|                              | 14424.00          | -50.98       | -40           | -10.98            | -56.47            | -52.68             | 11.80                | 13.50                 | V                  |

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

| EN-DC_71A_n48A / LTE 20MHz + NR 40MHz / QPSK(ANT0+9) |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 n48 Middle                                        | 7212.00           | -58.82       | -40           | -18.82            | -52.40            | -62.12             | 8.30                 | 11.60                 | H                  |
|                                                      | 10818.00          | -56.54       | -40           | -16.54            | -56.72            | -58.06             | 10.48                | 12.00                 | H                  |
|                                                      | 14424.00          | -50.47       | -40           | -10.47            | -56.53            | -52.17             | 11.80                | 13.50                 | H                  |
|                                                      | 7212.00           | -59.91       | -40           | -19.91            | -53.86            | -63.21             | 8.30                 | 11.60                 | V                  |
|                                                      | 10818.00          | -57.51       | -40           | -17.51            | -57.31            | -59.03             | 10.48                | 12.00                 | V                  |
|                                                      | 14424.00          | -51.12       | -40           | -11.12            | -56.61            | -52.82             | 11.80                | 13.50                 | V                  |
| LTE Band71 Middle                                    | 1352              | -65.86       | -13           | -52.86            | -75.36            | -69.11             | 4.00                 | 9.40                  | H                  |
|                                                      | 2028              | -65.06       | -13           | -52.06            | -76.31            | -68.63             | 4.88                 | 10.60                 | H                  |
|                                                      | 2704              | -62.93       | -13           | -49.93            | -77.60            | -67.86             | 5.52                 | 12.60                 | H                  |
|                                                      | 1352              | -65.88       | -13           | -52.88            | -74.99            | -69.13             | 4.00                 | 9.40                  | V                  |
|                                                      | 2028              | -65.29       | -13           | -52.29            | -76.43            | -68.86             | 4.88                 | 10.60                 | V                  |
|                                                      | 2704              | -62.98       | -13           | -49.98            | -77.69            | -67.91             | 5.52                 | 12.60                 | V                  |

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