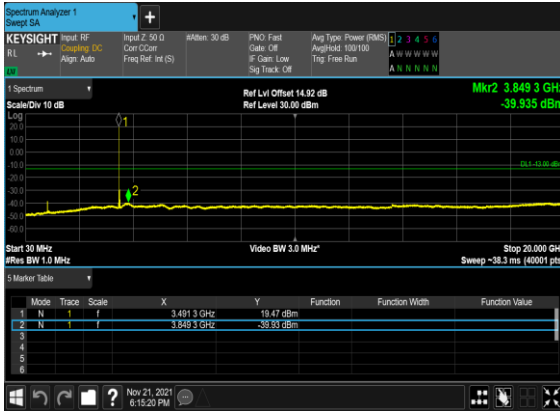




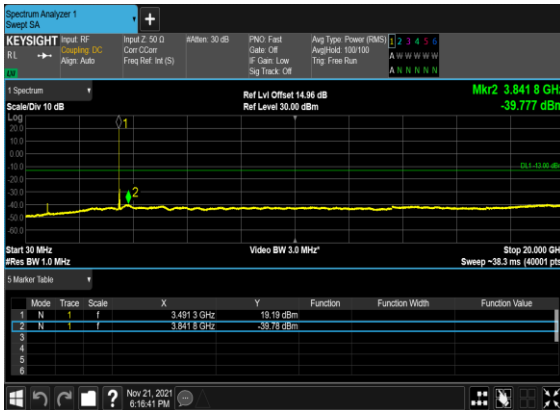
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



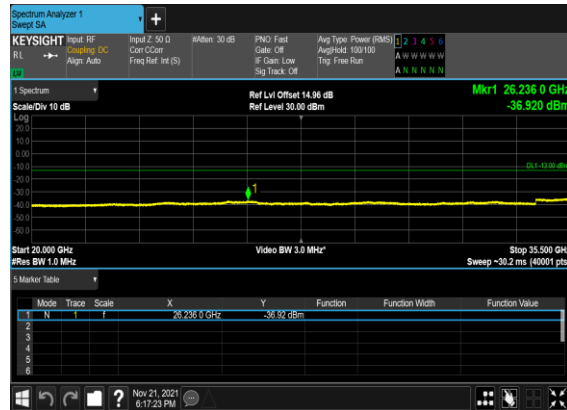
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

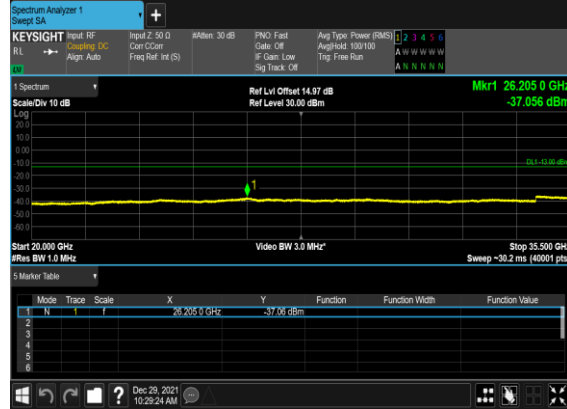




B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



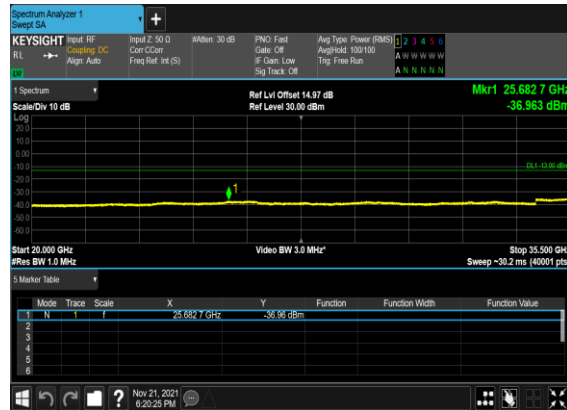
B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



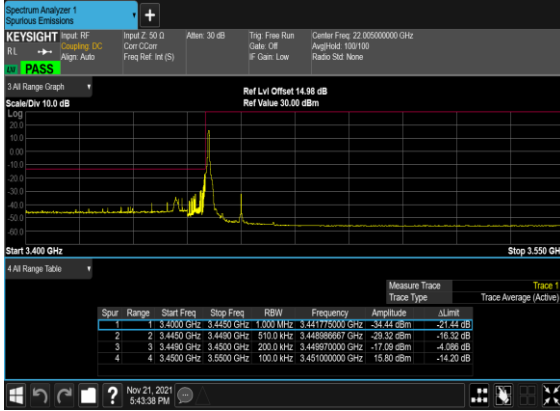


Conducted Band Edge

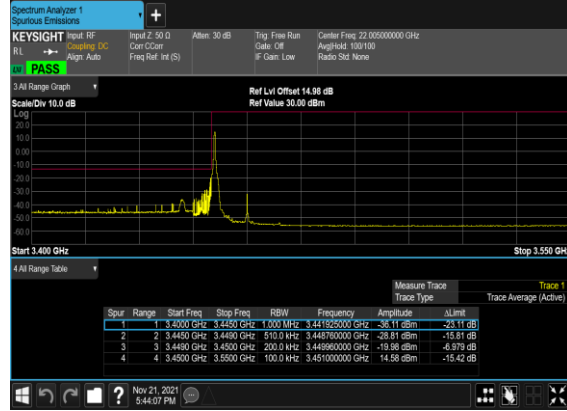
| NR Band | SCS (kHz) | Bandwidth (MHz) | Arfcn | Freq (MHz) | Modulation | RB | Result | Verdict |
|---------|-----------|-----------------|--------|------------|-----------------|-------|-----------|---------|
| 77 | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM BPSK | 50@0 | see graph | PASS |
| 77 | 30 | 20 | 630668 | 3460.02 | DFT-s-OFDM QPSK | 50@0 | see graph | PASS |
| 77 | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM BPSK | 1@50 | see graph | PASS |
| 77 | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM QPSK | 1@50 | see graph | PASS |
| 77 | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM BPSK | 50@0 | see graph | PASS |
| 77 | 30 | 20 | 636000 | 3540.0 | DFT-s-OFDM QPSK | 50@0 | see graph | PASS |
| 77 | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM BPSK | 162@0 | see graph | PASS |
| 77 | 30 | 60 | 632000 | 3480.0 | DFT-s-OFDM QPSK | 162@0 | see graph | PASS |
| 77 | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM BPSK | 1@161 | see graph | PASS |
| 77 | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM QPSK | 1@161 | see graph | PASS |
| 77 | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM BPSK | 162@0 | see graph | PASS |
| 77 | 30 | 60 | 634666 | 3519.99 | DFT-s-OFDM QPSK | 162@0 | see graph | PASS |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@0 | see graph | PASS |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 1@272 | see graph | PASS |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 1@272 | see graph | PASS |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM BPSK | 270@0 | see graph | PASS |
| 77 | 30 | 100 | 633334 | 3500.01 | DFT-s-OFDM QPSK | 270@0 | see graph | PASS |



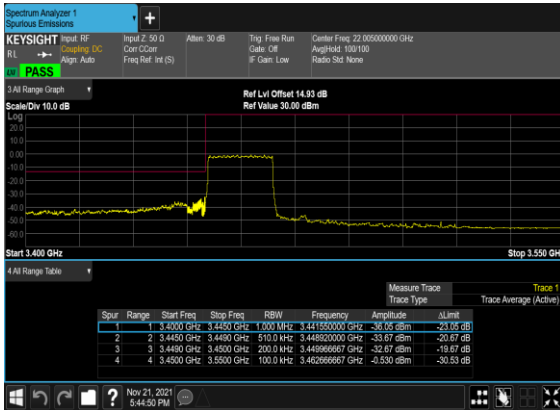
B5_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



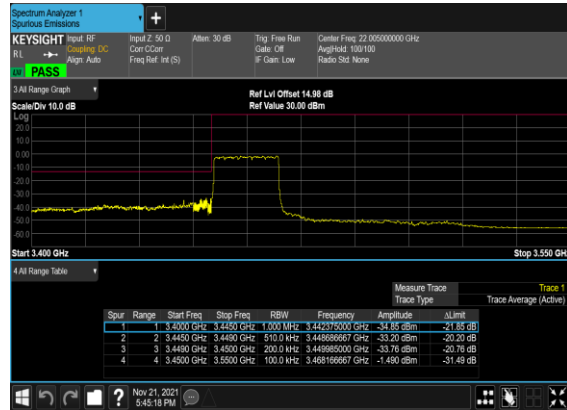
B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH

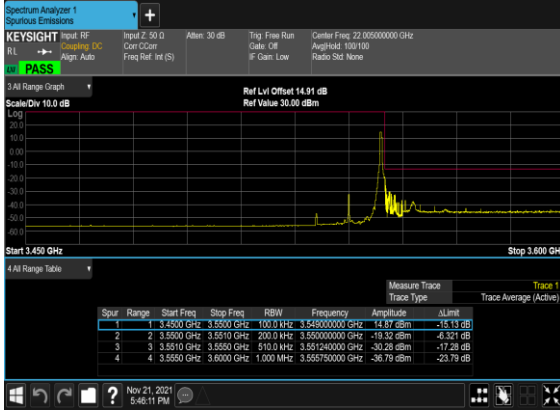


B5_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

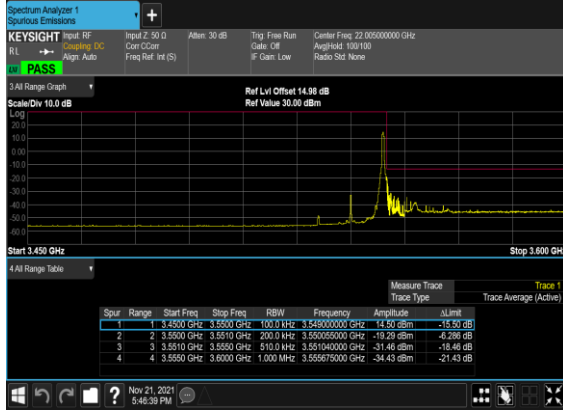




B5_N77(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N77(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B5_N77(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

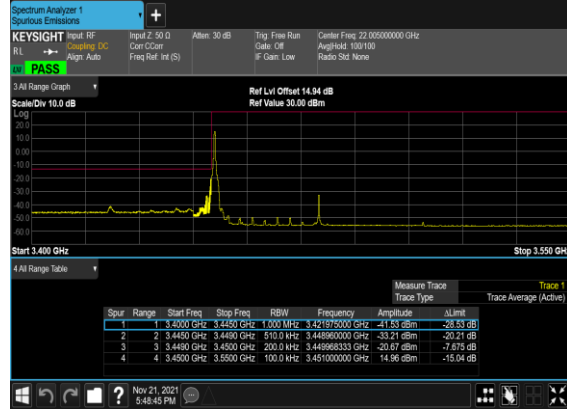




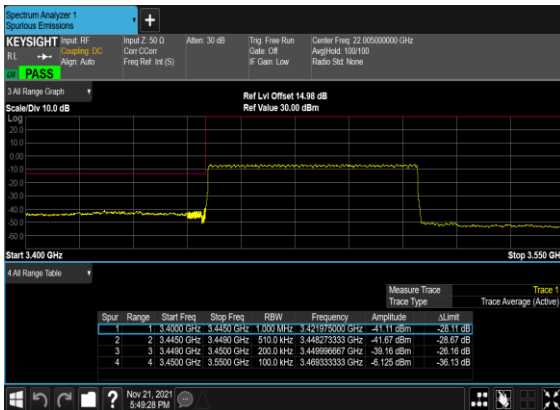
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



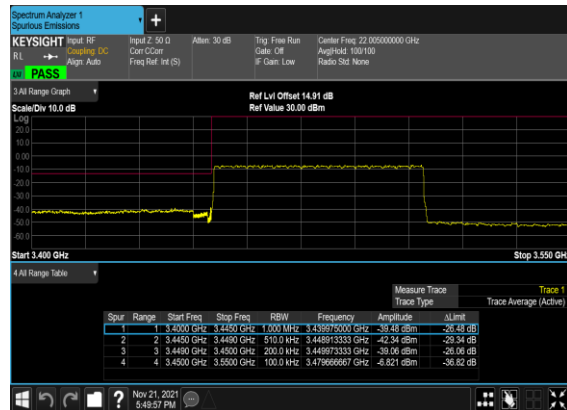
B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH





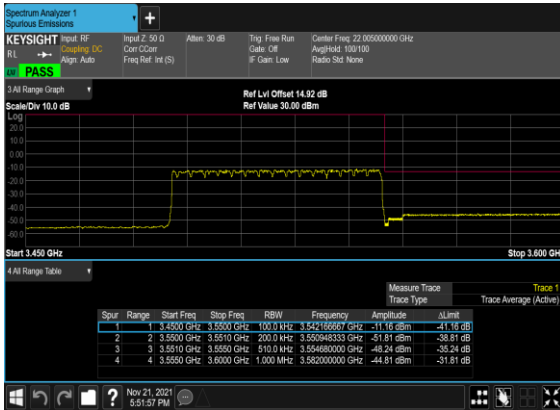
B5_N77(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



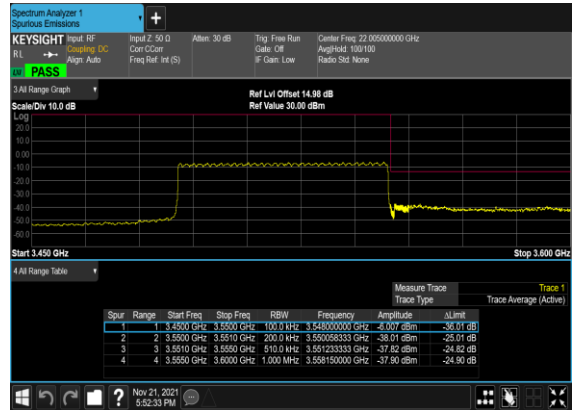
B5_N77(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N77(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





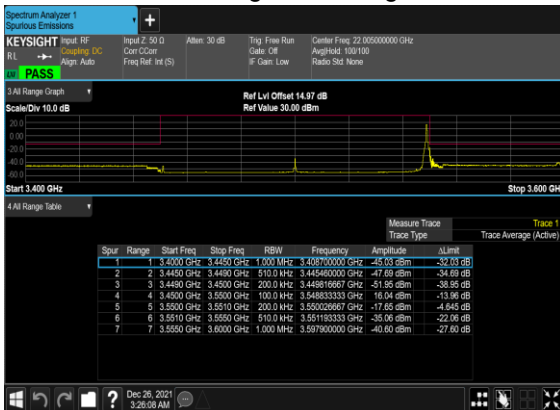
B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



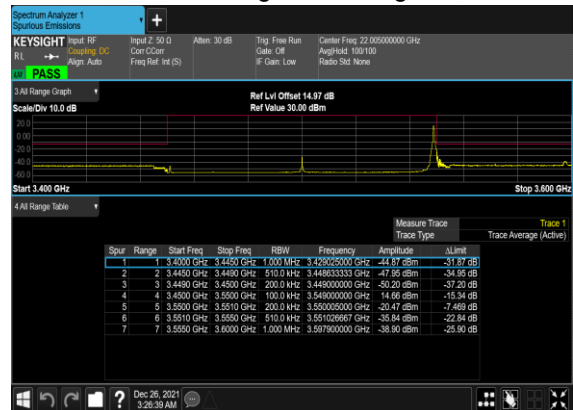
B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH

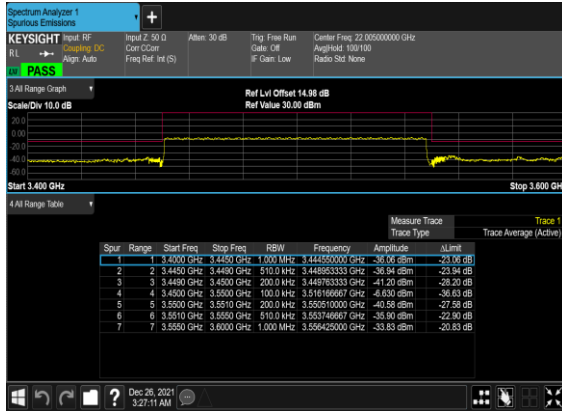


B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH

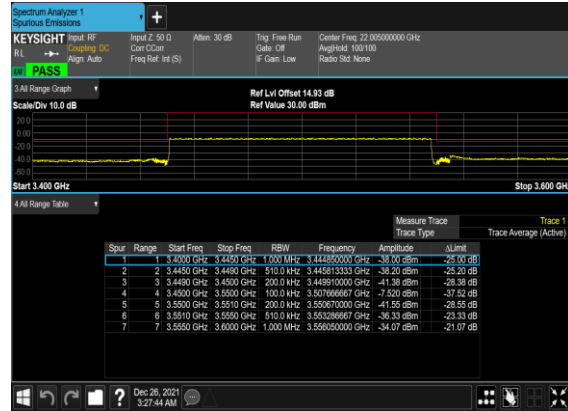




B5_N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



B5_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

| EN-DC_5A_n77A / LTE 10MHz + NR 100MHz / QPSK | | | | | | | | | |
|--|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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 n77 BW 10 Lowest CH | 7000.01 | -59.61 | -13 | -46.61 | -80.48 | -62.91 | 8.30 | 11.60 | H |
| | 10500.03 | -52.27 | -13 | -39.27 | -79.02 | -53.79 | 10.48 | 12.00 | H |
| | 14000.12 | -49.28 | -13 | -36.28 | -80.81 | -50.98 | 11.80 | 13.50 | H |
| | 7000.01 | -59.36 | -13 | -46.36 | -80.44 | -62.66 | 8.30 | 11.60 | V |
| | 10500.03 | -52.45 | -13 | -39.45 | -79.16 | -53.97 | 10.48 | 12.00 | V |
| | 14000.12 | -49.59 | -13 | -36.59 | -80.73 | -51.29 | 11.80 | 13.50 | V |
| LTE B5 BW 10 Middle CH | 1664.18 | -66.10 | -13 | -53.10 | -72.21 | -69.35 | 4.00 | 9.40 | H |
| | 2496.27 | -63.56 | -13 | -50.56 | -73.75 | -67.13 | 4.88 | 10.60 | H |
| | 3328.36 | -62.71 | -13 | -49.71 | -74.68 | -67.64 | 5.52 | 12.60 | H |
| | 1664.18 | -66.74 | -13 | -53.74 | -72.62 | -69.99 | 4.00 | 9.40 | V |
| | 2496.27 | -63.28 | -13 | -50.28 | -73.81 | -66.85 | 4.88 | 10.60 | V |
| | 3328.36 | -62.35 | -13 | -49.35 | -74.73 | -67.28 | 5.52 | 12.60 | V |

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