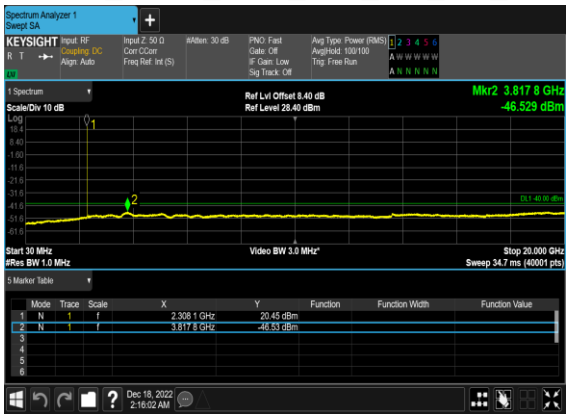
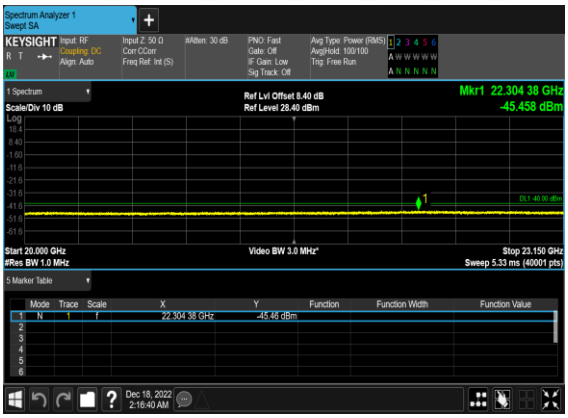
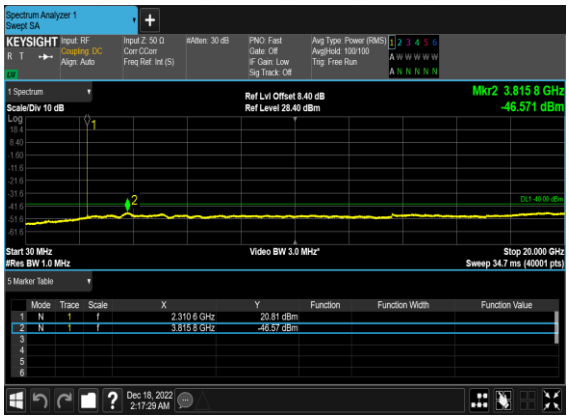
B2_N30(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



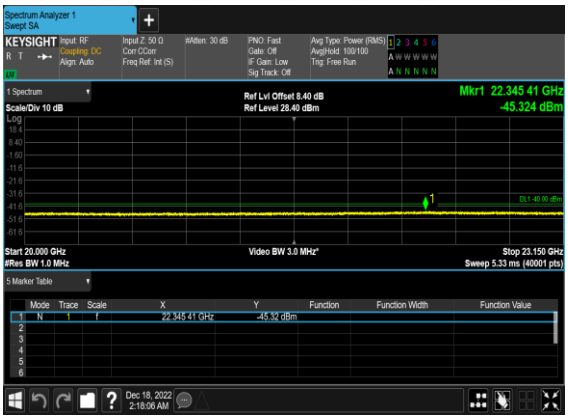
B2_N30(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



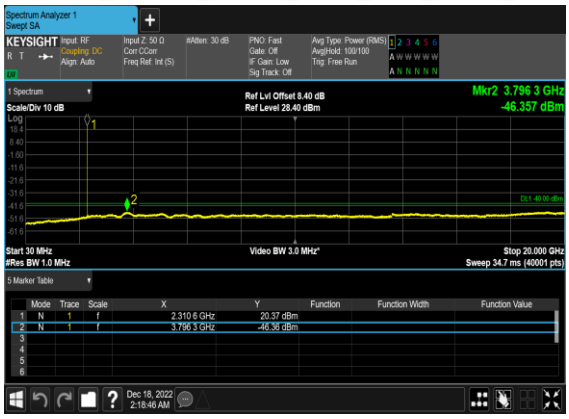
B2_N30(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B2_N30(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

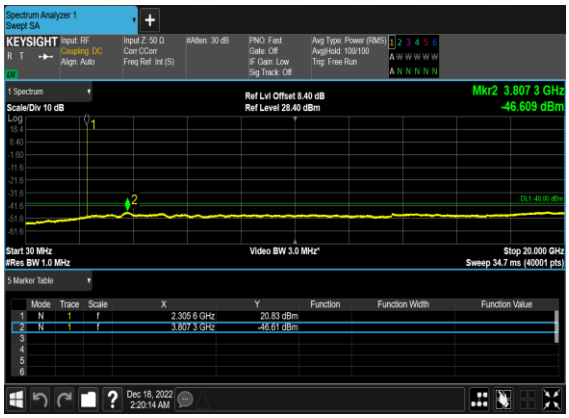


B2_N30(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

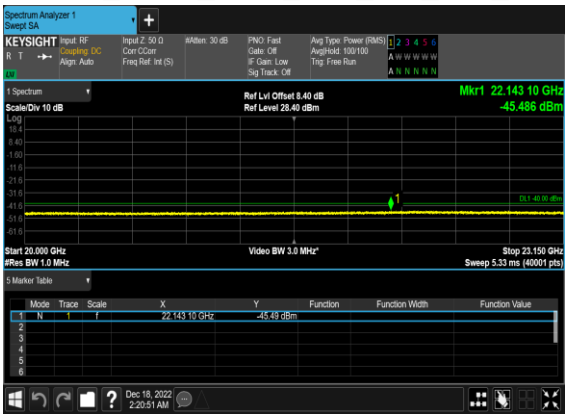


B2_N30(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

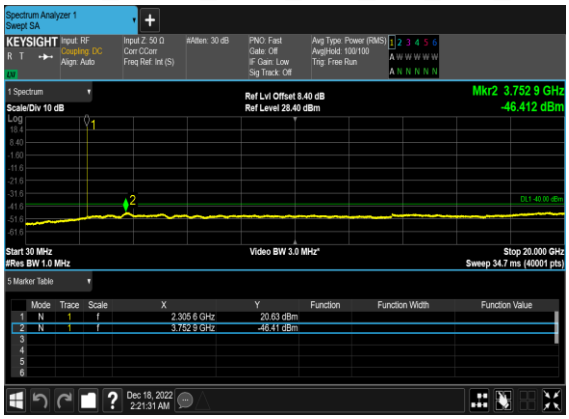
B2_N30(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



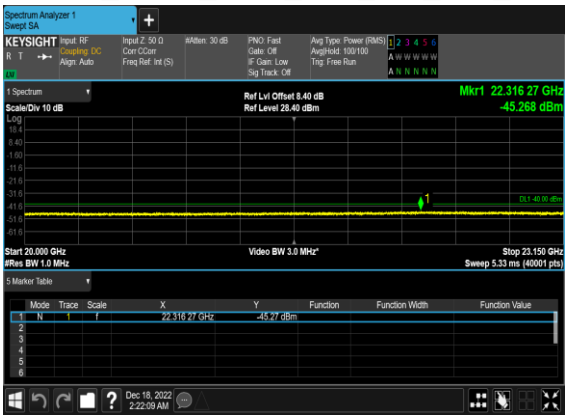
B2_N30(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B2_N30(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B2_N30(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

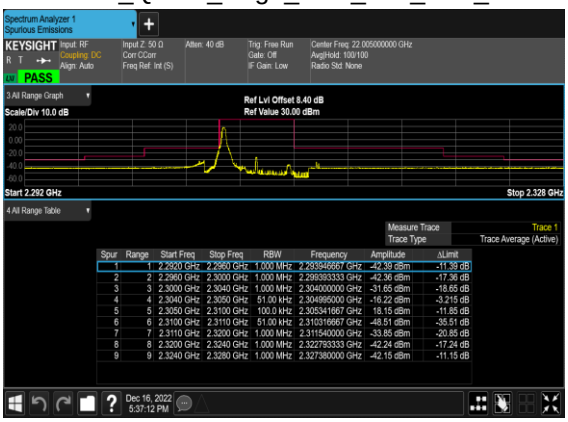


Conducted Band Edge

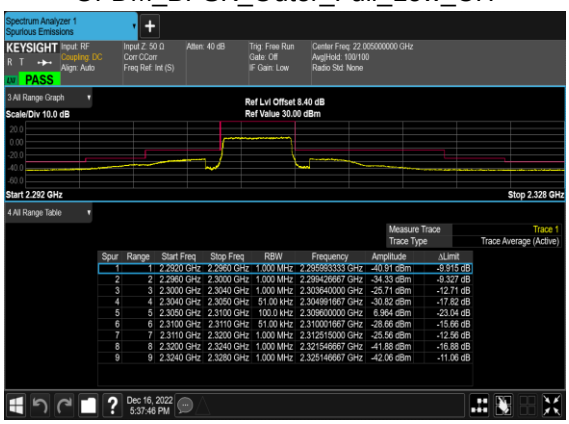
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
30	15	5	461500	2307.5	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
30	15	5	461500	2307.5	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
30	15	5	461500	2307.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
30	15	5	461500	2307.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
30	15	5	462500	2312.5	DFT-s-OFDM BPSK	1@24	see graph	**PASS**
30	15	5	462500	2312.5	DFT-s-OFDM QPSK	1@24	see graph	**PASS**
30	15	5	462500	2312.5	DFT-s-OFDM BPSK	25@0	see graph	**PASS**
30	15	5	462500	2312.5	DFT-s-OFDM QPSK	25@0	see graph	**PASS**
30	15	10	462000	2310.0	DFT-s-OFDM BPSK	1@0	see graph	**PASS**
30	15	10	462000	2310.0	DFT-s-OFDM QPSK	1@0	see graph	**PASS**
30	15	10	462000	2310.0	DFT-s-OFDM BPSK	1@51	see graph	**PASS**
30	15	10	462000	2310.0	DFT-s-OFDM QPSK	1@51	see graph	**PASS**
30	15	10	462000	2310.0	DFT-s-OFDM BPSK	50@0	see graph	**PASS**
30	15	10	462000	2310.0	DFT-s-OFDM QPSK	50@0	see graph	**PASS**

B2_N30(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH

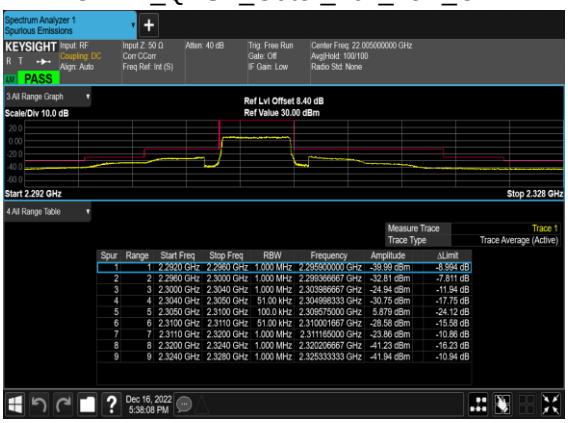
B2_N30(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



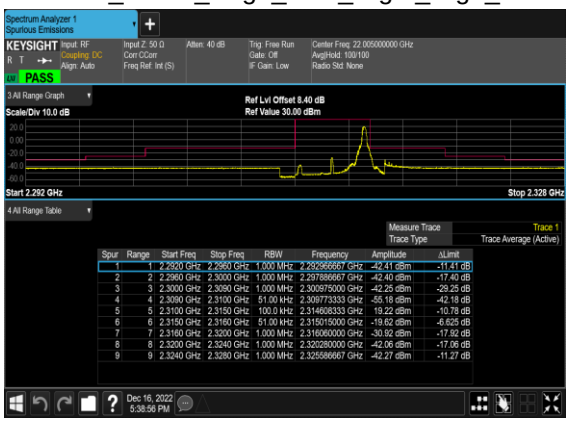
B2_N30(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



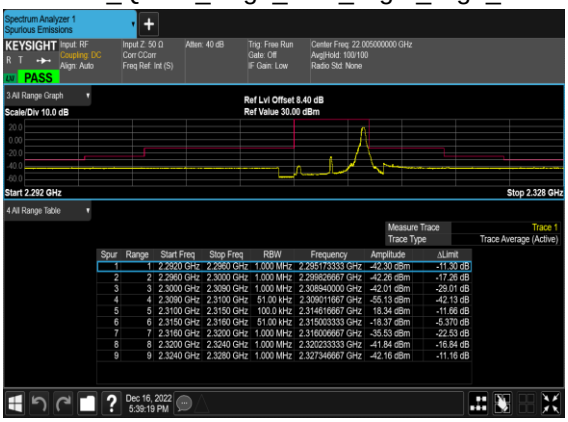
B2_N30(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



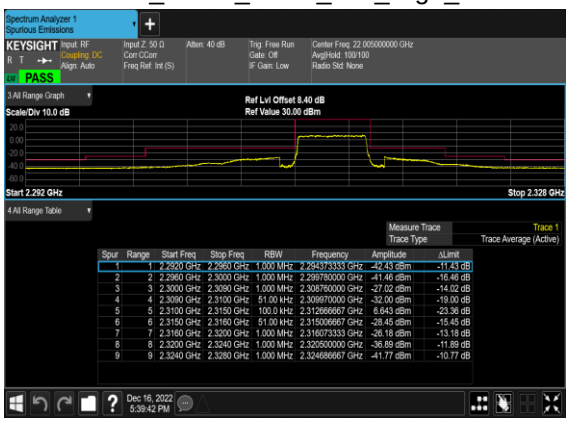
B2_N30(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



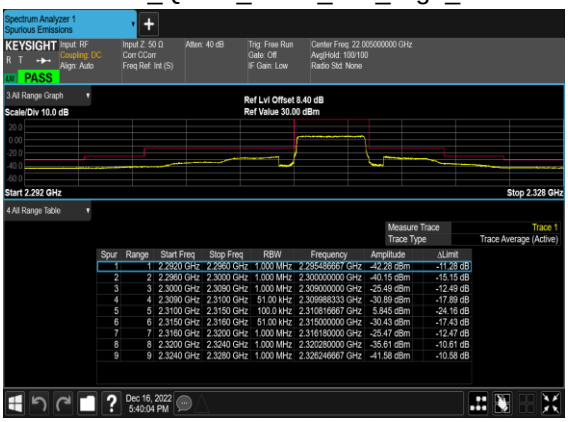
B2_N30(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



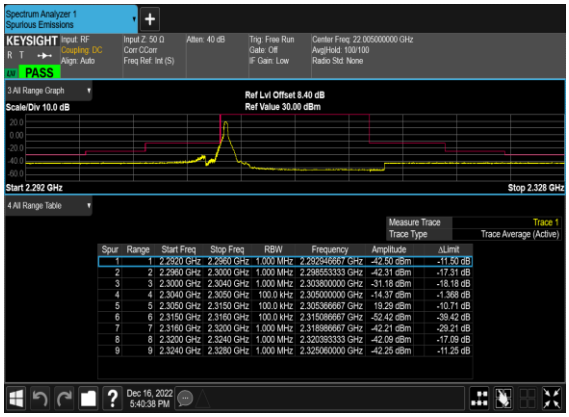
B2_N30(5M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



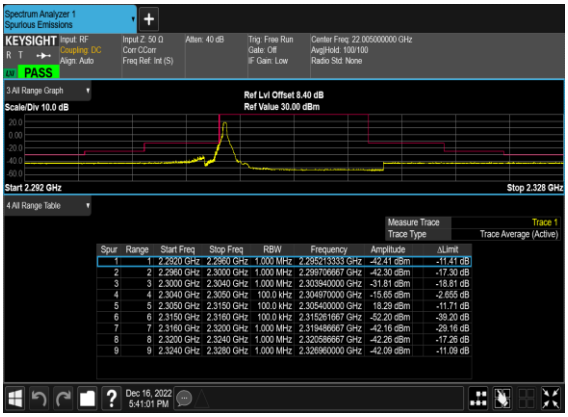
B2_N30(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B2_N30(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



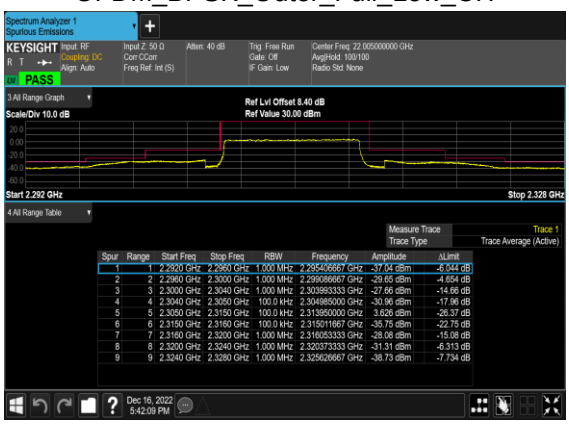
B2_N30(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



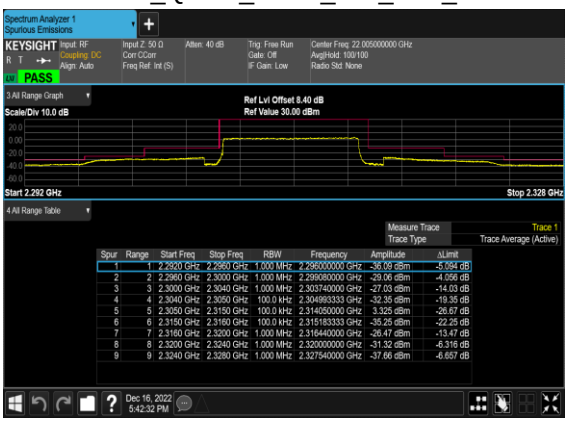
B2_N30(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH

B2_N30(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH

B2_N30(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



B2_N30(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	23~25℃
		Relative Humidity :	41~42%

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

SA n30 / NR 10MHz / QPSK (ANT1)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	4612	-45.63	-40	-5.63	-57.09	2.84	14.30	H
	6916	-56.26	-40	-16.26	-66.20	3.49	13.43	H
	9220	-62.90	-40	-22.90	-73.14	3.85	14.09	H
	4612	-51.30	-40	-11.30	-62.76	2.84	14.30	V
	6916	-57.79	-40	-17.79	-67.73	3.49	13.43	V
	9220	-62.83	-40	-22.83	-73.07	3.85	14.09	V

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

EN-DC_14A_n30A / LTE 10MHz + NR 10MHz / QPSK / ANT0 (LTE) & ANT1(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	4610	-51.76	-40	-11.76	-63.22	2.84	14.30	H
	6915	-60.82	-40	-20.82	-70.76	3.49	13.43	H
	9225	-63.61	-40	-23.61	-73.85	3.85	14.09	H
	4610	-51.32	-40	-11.32	-62.78	2.84	14.30	V
	6915	-61.36	-40	-21.36	-71.30	3.49	13.43	V
	9225	-63.54	-40	-23.54	-73.78	3.85	14.09	V

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

For other PA:

EN-DC_66A_n30A / LTE 10MHz + NR 10MHz / QPSK / ANT0 (LTE) & ANT4(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	4612	-63.46	-40	-23.46	-74.92	2.84	14.30	H
	6916	-63.40	-40	-23.40	-73.34	3.49	13.43	H
	9220	-62.36	-40	-22.36	-72.60	3.85	14.09	H
	4612	-63.19	-40	-23.19	-74.65	2.84	14.30	V
	6916	-63.63	-40	-23.63	-73.57	3.49	13.43	V
	9220	-62.03	-40	-22.03	-72.27	3.85	14.09	V

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