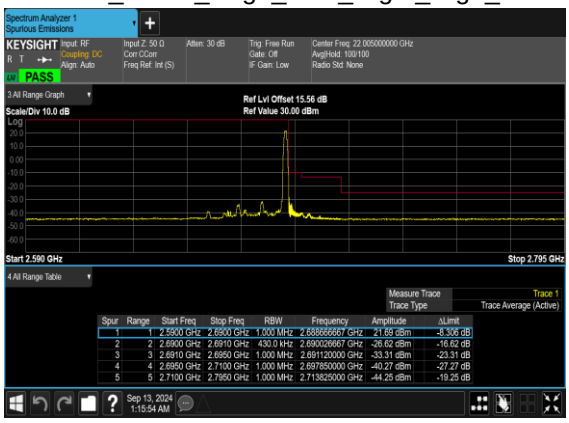
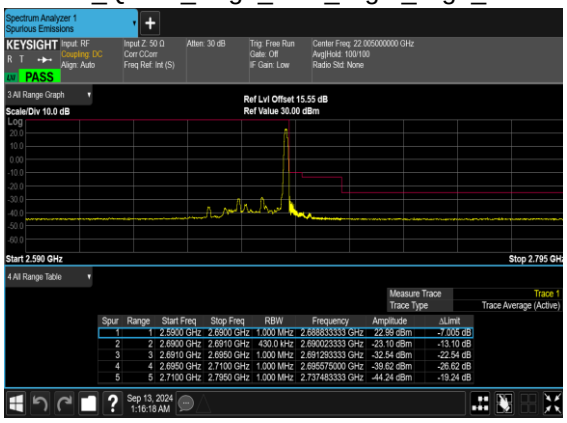
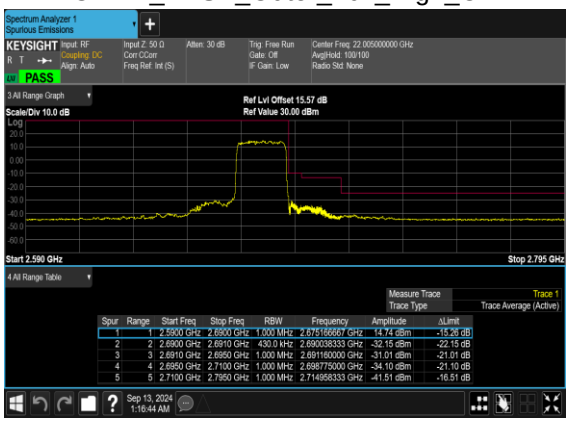
N41(20M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



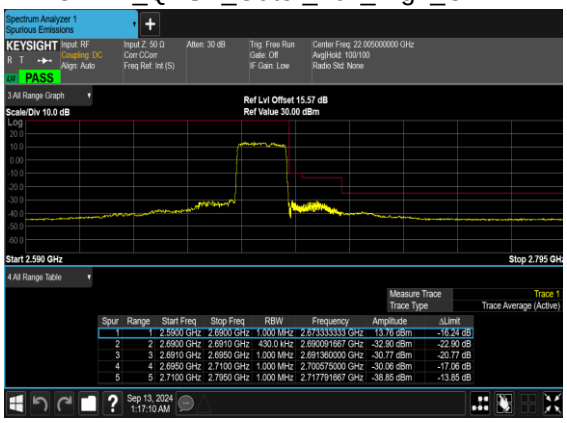
N41(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



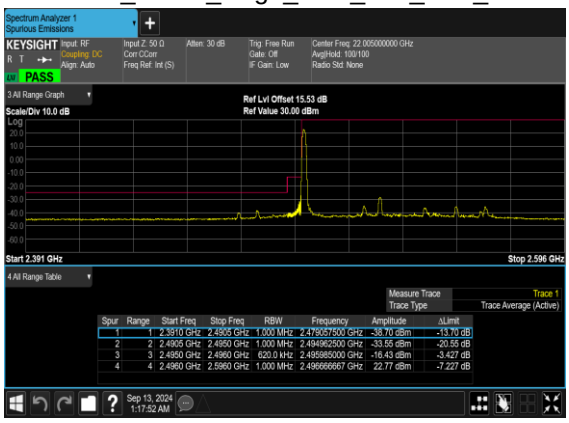
N41(20M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



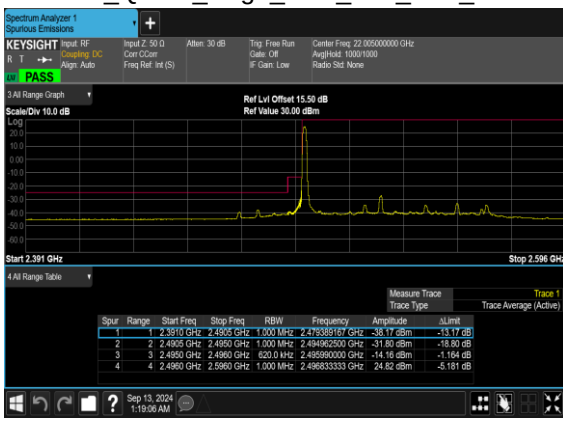
N41(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



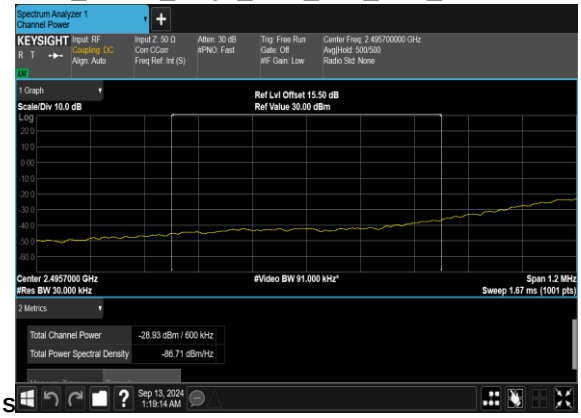
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

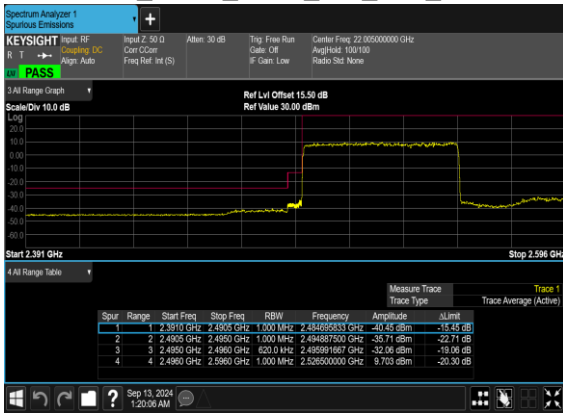


N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PAS**

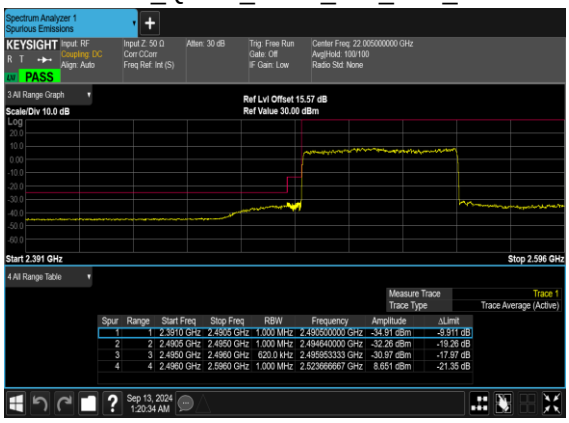


S

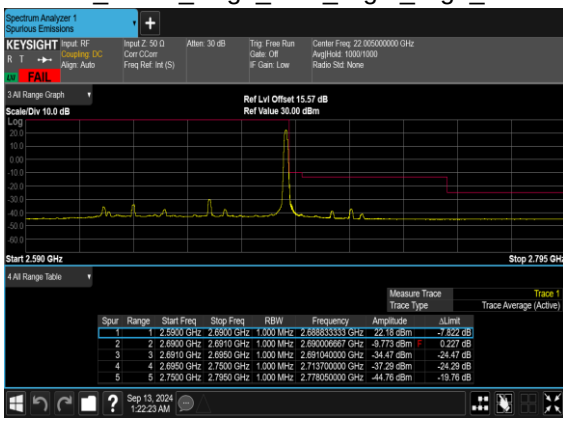
N41(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



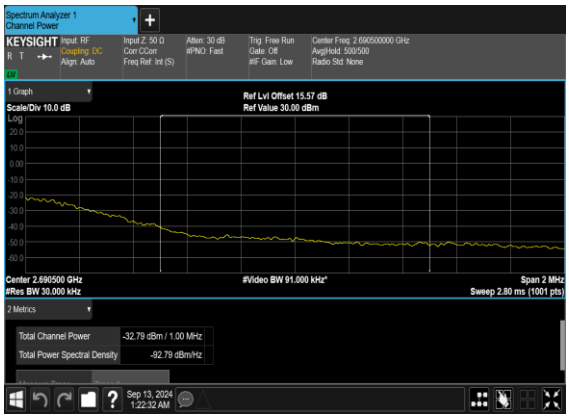
N41(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



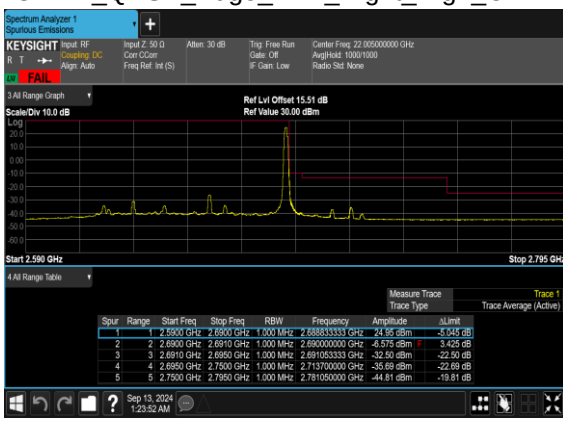
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



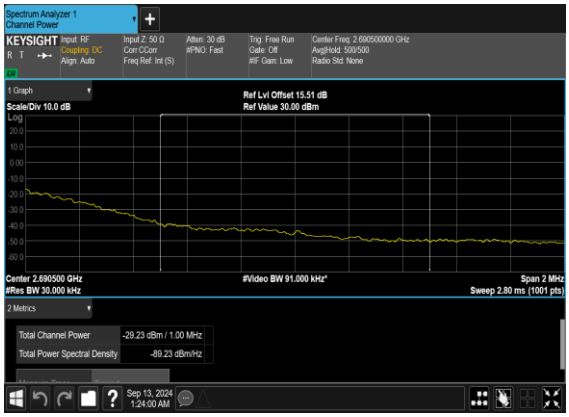
N41(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



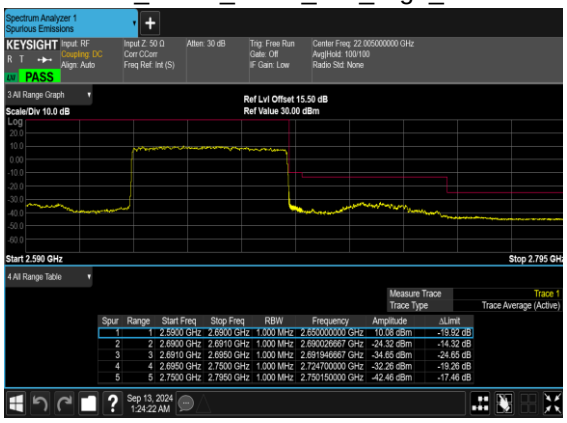
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



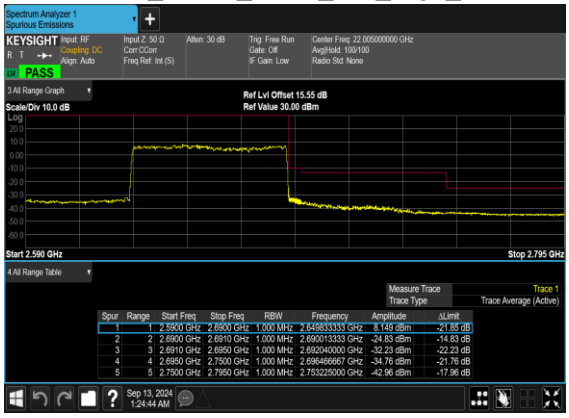
N41(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



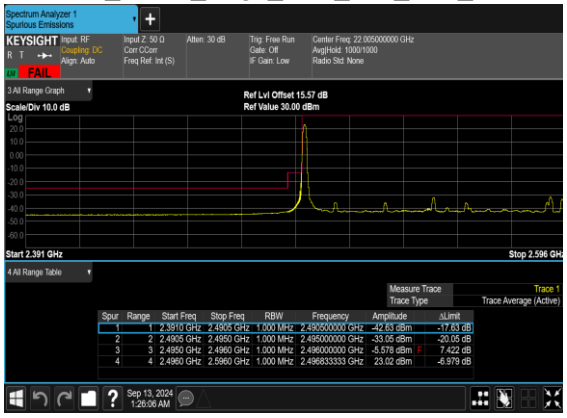
N41(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



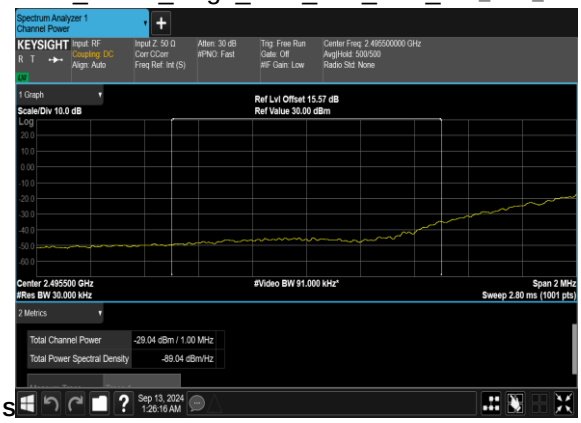
N41(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



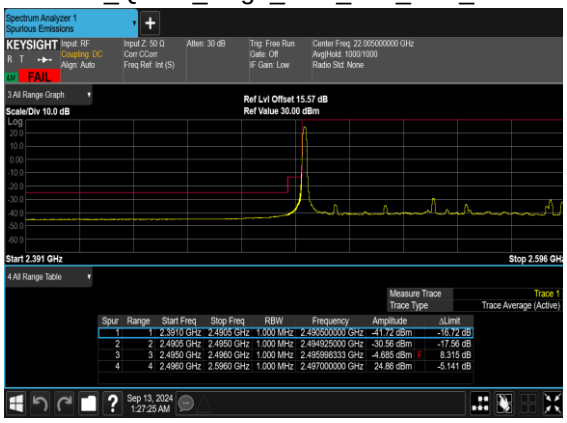
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



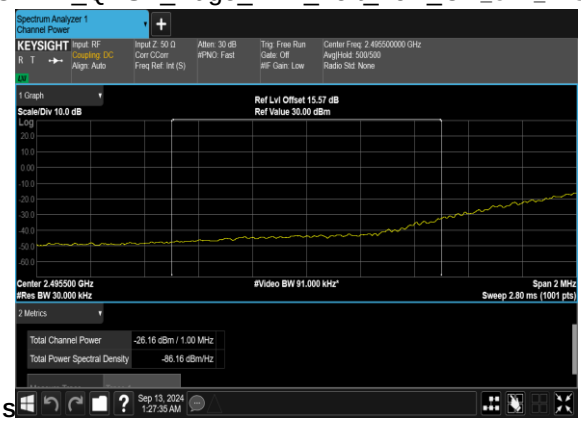
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP_PASS



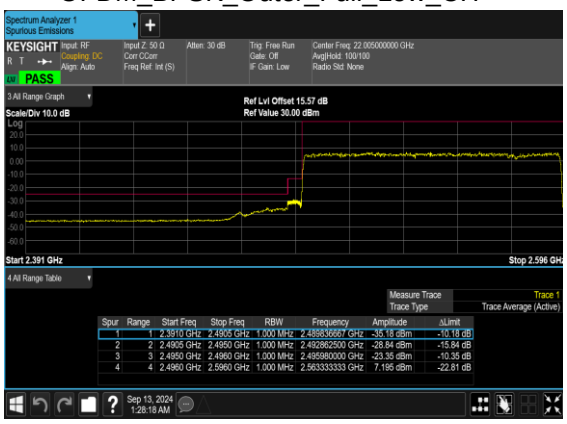
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



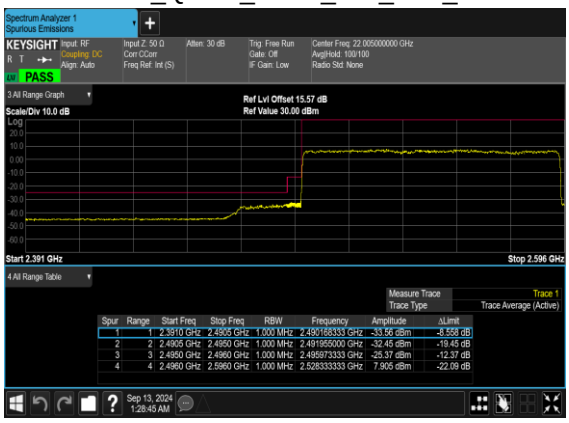
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



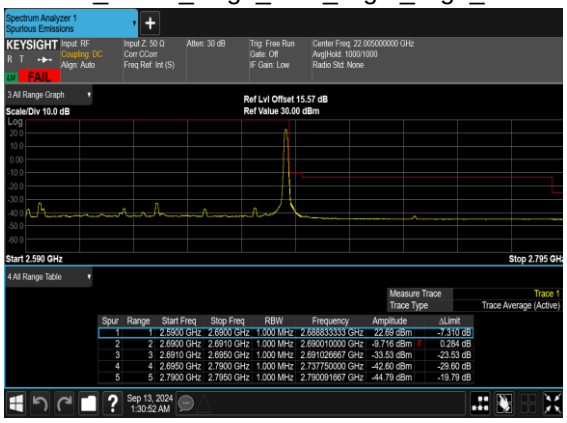
N41(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



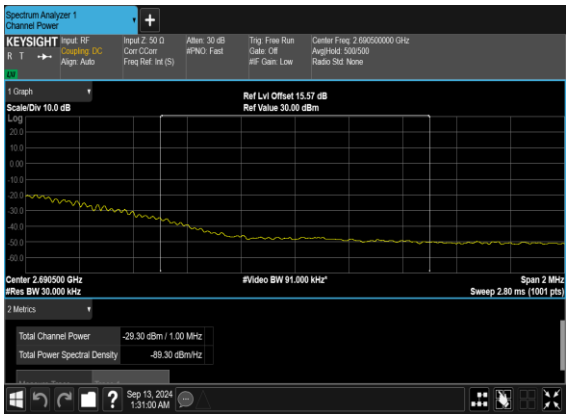
N41(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



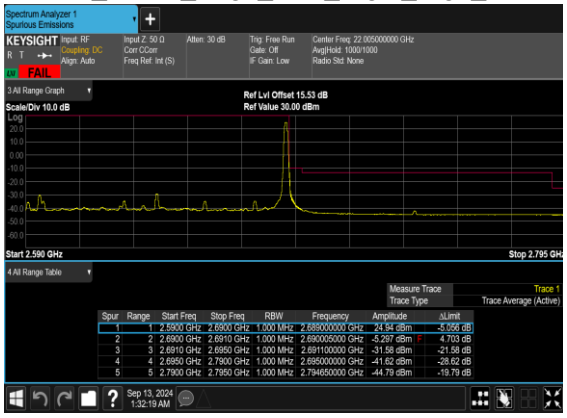
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



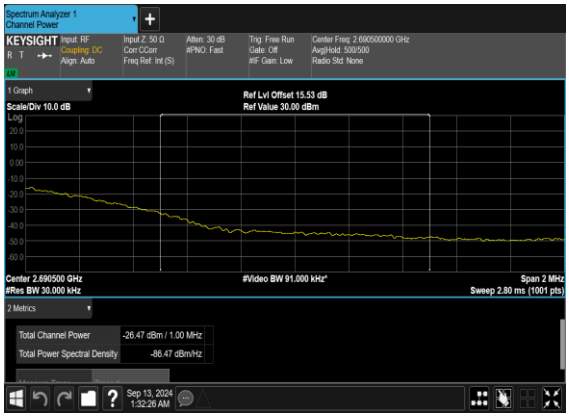
N41(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



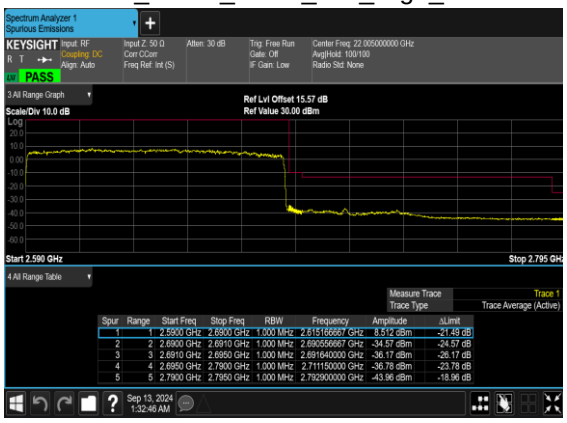
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



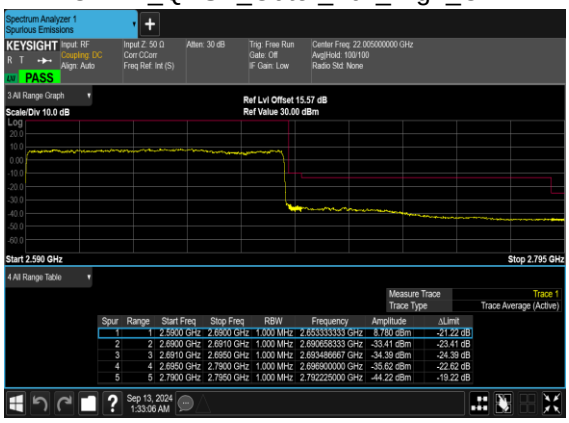
N41(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



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 :	HuaCong Liang	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.

EN-DC_7A_n7A / LTE 20MHz + NR 40MHz / QPSK (ANT5+6)									
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 n7 Middle	5033.00	-57.70	-25	-32.70	-81.56	-63.26	7.14	12.70	H
	7549.50	-55.19	-25	-30.19	-82.01	-58.49	8.30	11.60	H
	10066.00	-52.10	-25	-27.10	-82.98	-53.62	10.48	12.00	H
	5033.00	-56.33	-25	-31.33	-81.64	-61.89	7.14	12.70	V
	7549.50	-55.25	-25	-30.25	-82.06	-58.55	8.30	11.60	V
	10066.00	-51.33	-25	-26.33	-83.02	-52.85	10.48	12.00	V
LTE Band7 Middle	5061.18	-56.46	-25	-31.46	-80.53	-62.02	7.14	12.70	H
	7591.77	-55.47	-25	-30.47	-82.10	-58.77	8.30	11.60	H
	10122.36	-52.11	-25	-27.11	-83.07	-53.63	10.48	12.00	H
	5061.18	-55.87	-25	-30.87	-81.15	-61.43	7.14	12.70	V
	7591.77	-54.91	-25	-29.91	-81.54	-58.21	8.30	11.60	V
	10122.36	-50.39	-25	-25.39	-82.4	-51.91	10.48	12.00	V

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

SA n12A / NR 15MHz / QPSK (ANT1)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1401.3	-63.67	-13	-50.67	-74.93	-66.92	4.00	9.40	H
	2102	-54.67	-13	-41.67	-72.82	-58.24	4.88	10.60	H
	2802.6	-60.01	-13	-47.01	-79.39	-64.94	5.52	12.60	H
	1401.3	-64.13	-13	-51.13	-76.45	-67.38	4.00	9.40	V
	2102	-57.03	-13	-44.03	-74.97	-60.60	4.88	10.60	V
	2802.6	-59.59	-13	-46.59	-79.73	-64.52	5.52	12.60	V

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

EN-DC_41A_n41A / LTE 20MHz + NR 100MHz / QPSK (ANT5+6)									
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 n41 Middle	5089	-57.17	-25	-32.17	-81.45	-62.84	7.13	12.80	H
	7633.5	-55.57	-25	-30.57	-82.11	-58.67	8.50	11.60	H
	10178	-52.35	-25	-27.35	-83.37	-53.69	10.68	12.02	H
	5089	-56.22	-25	-31.22	-81.48	-61.89	7.13	12.80	V
	7633.5	-54.65	-25	-29.65	-81.87	-57.75	8.50	11.60	V
	10178	-51.03	-25	-26.03	-83.27	-52.37	10.68	12.02	V
LTE Band41 Middle	5177.18	-57.00	-25	-32.00	-81.76	-62.56	7.14	12.70	H
	7765.77	-55.60	-25	-30.60	-81.79	-58.90	8.30	11.60	H
	10354.36	-51.91	-25	-26.91	-83.13	-53.43	10.48	12.00	H
	5177.18	-56.40	-25	-31.40	-81.55	-61.96	7.14	12.70	V
	7765.77	-51.70	-25	-26.70	-81.32	-55.00	8.30	11.60	V
	10354.36	-50.14	-25	-25.14	-83.16	-51.66	10.48	12.00	V

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