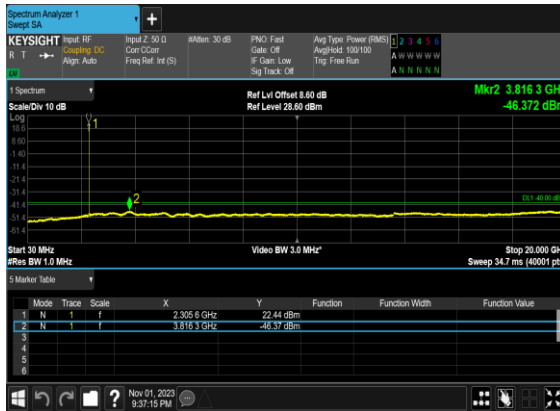
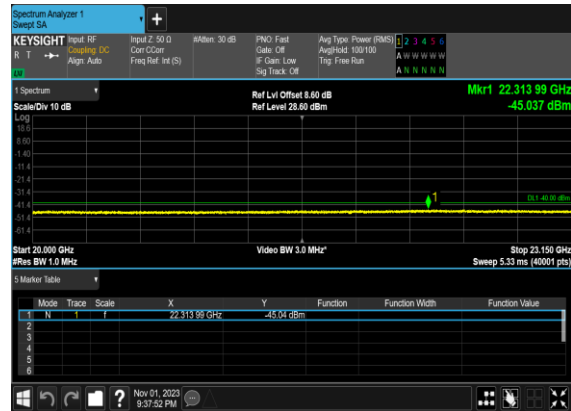


N30(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



N30(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



N30(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



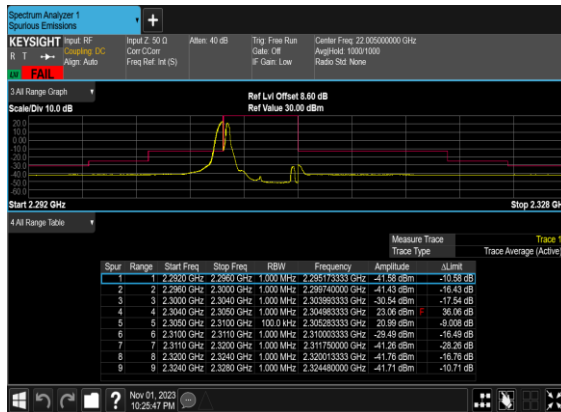
N30(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
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

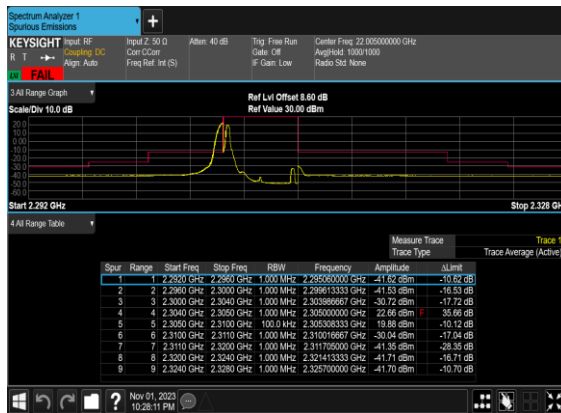
N30(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



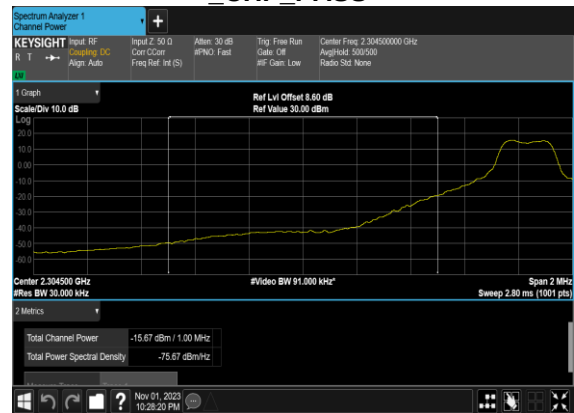
N30(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH
_CHP_PASS



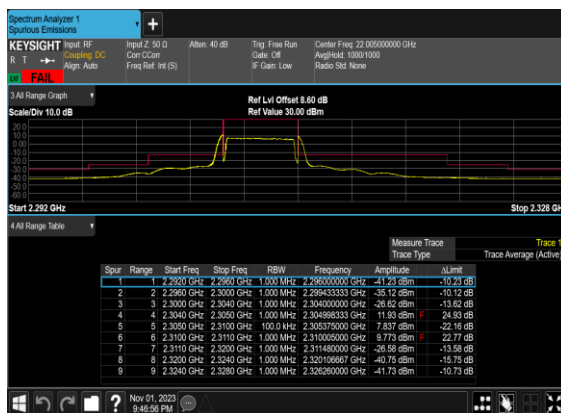
N30(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



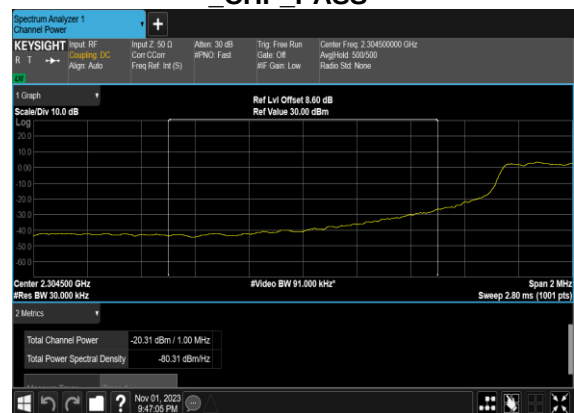
N30(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH
_CHP_PASS



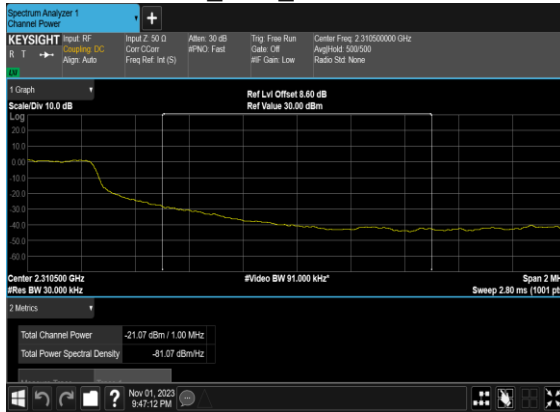
N30(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



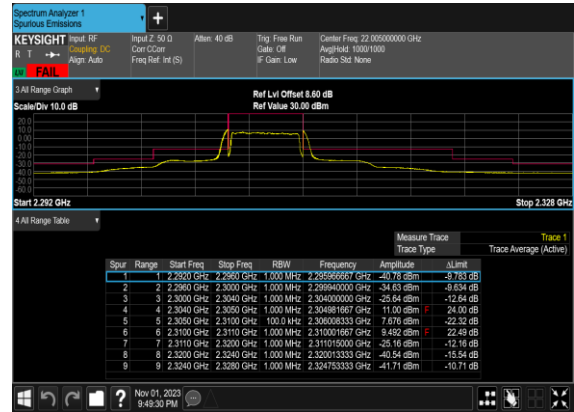
N30(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH
_CHP_PASS



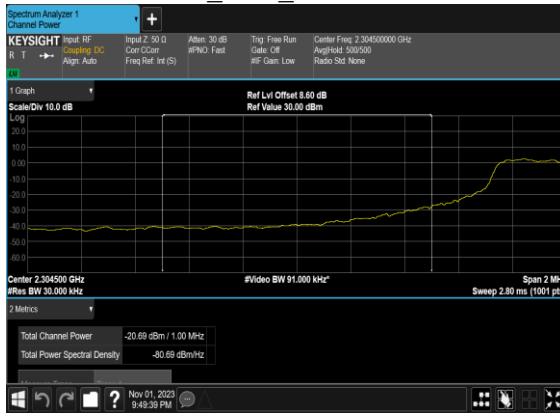
N30(5M)_DFT-s- OFDM_BPSK_Outer_Full_Low_CH _CHP_PASS



N30(5M)_DFT-s- OFDM_QPSK_Outer_Full_Low_CH



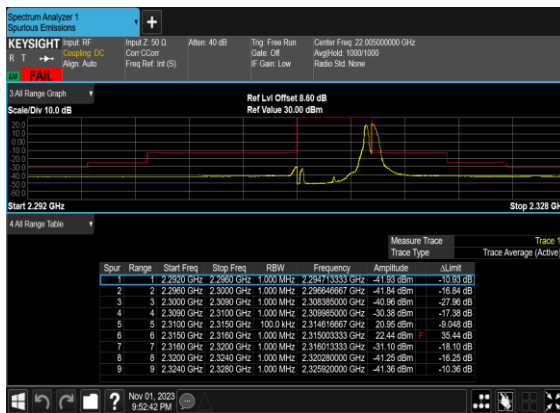
N30(5M)_DFT-s- OFDM_QPSK_Outer_Full_Low_CH _CHP_PASS



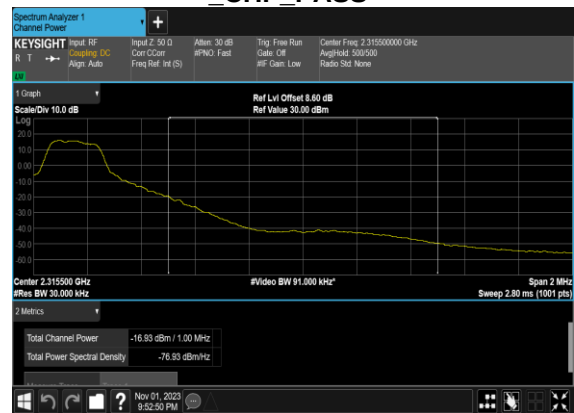
N30(5M)_DFT-s- OFDM_QPSK_Outer_Full_Low_CH _CHP_PASS



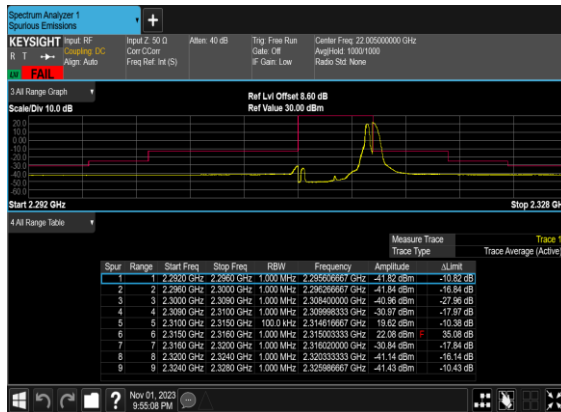
N30(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH



N30(5M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_High_CH _CHP_PASS



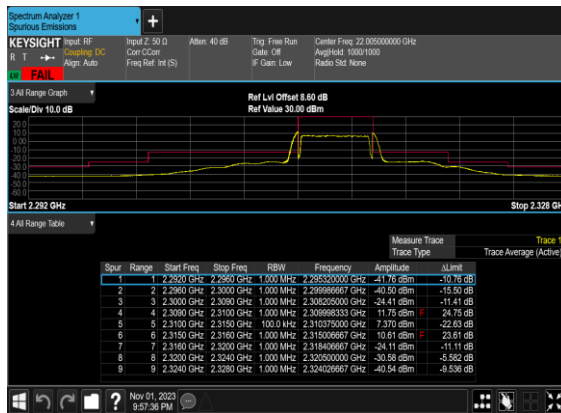
N30(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH



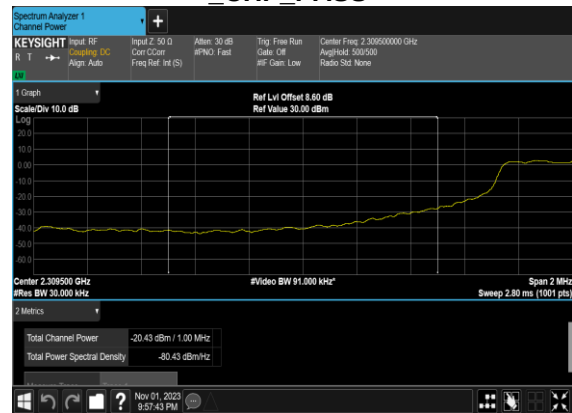
N30(5M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_High_CH _CHP_PASS



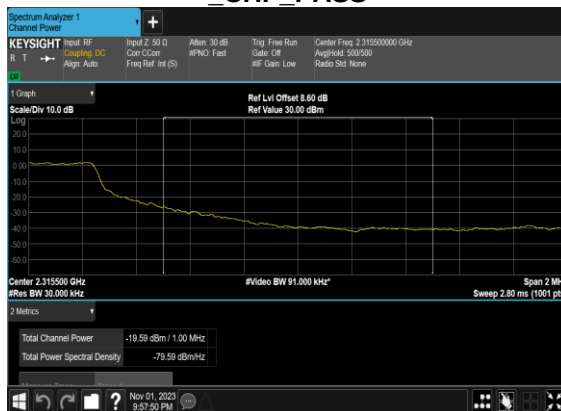
N30(5M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH



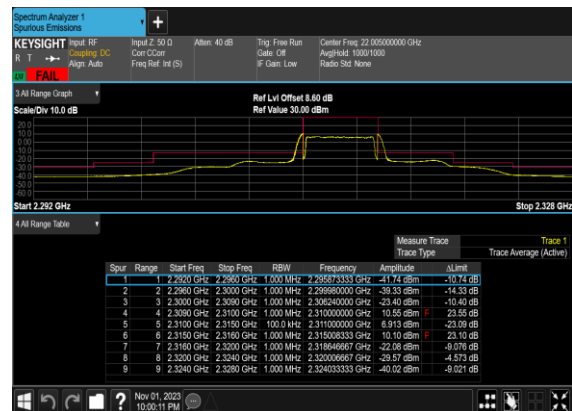
N30(5M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH _CHP_PASS



N30(5M)_DFT-s- OFDM_BPSK_Outer_Full_High_CH _CHP_PASS



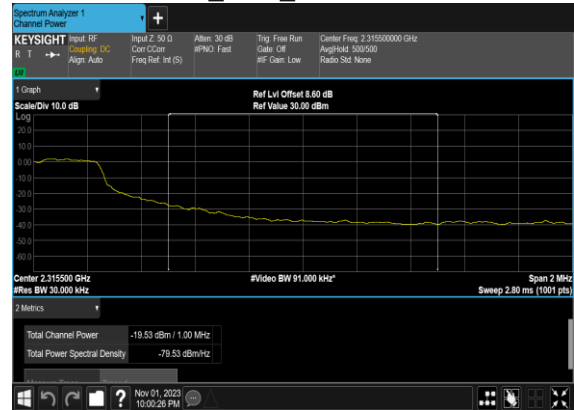
N30(5M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH



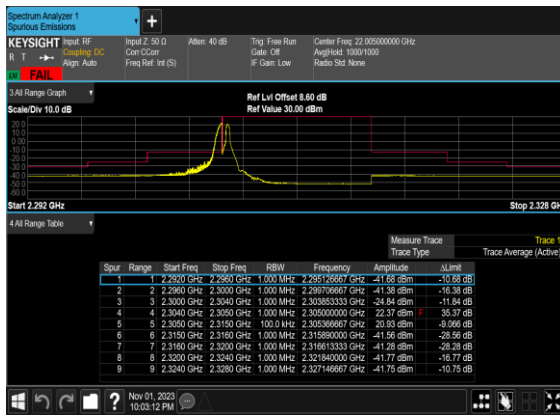
N30(5M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH _CHP_PASS



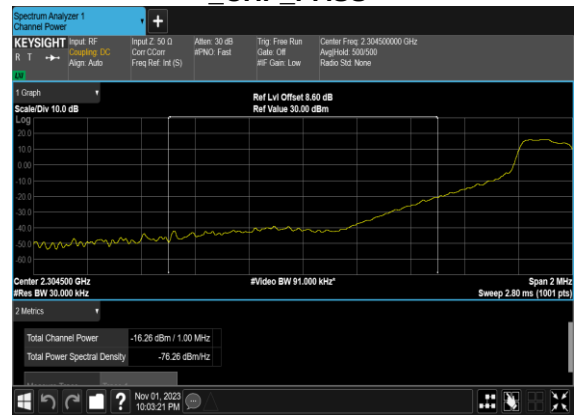
N30(5M)_DFT-s- OFDM_QPSK_Outer_Full_High_CH _CHP_PASS



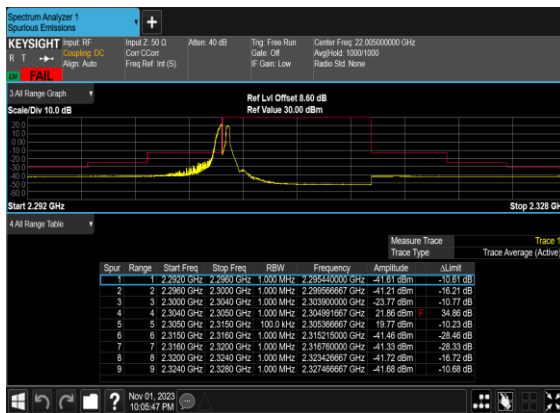
N30(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



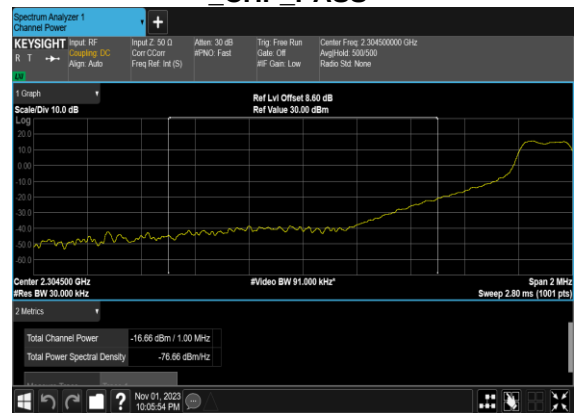
N30(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH _CHP_PASS



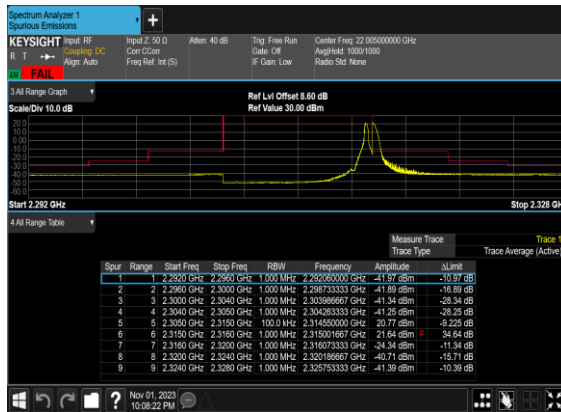
N30(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



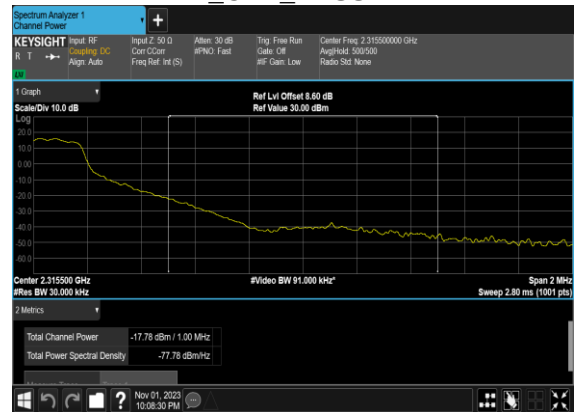
N30(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH _CHP_PASS



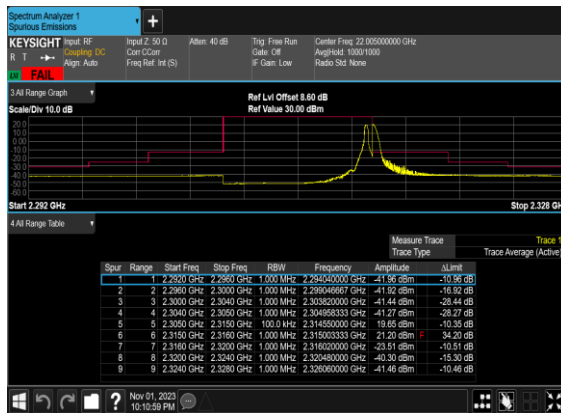
N30(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH



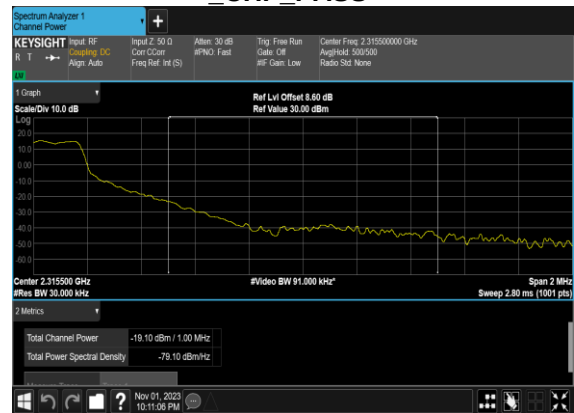
N30(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Low_CH _CHP_PASS



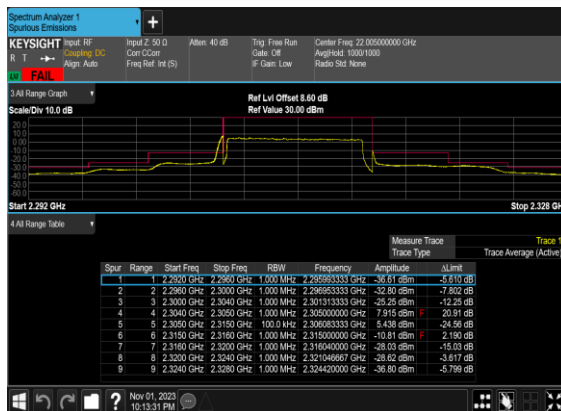
N30(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH



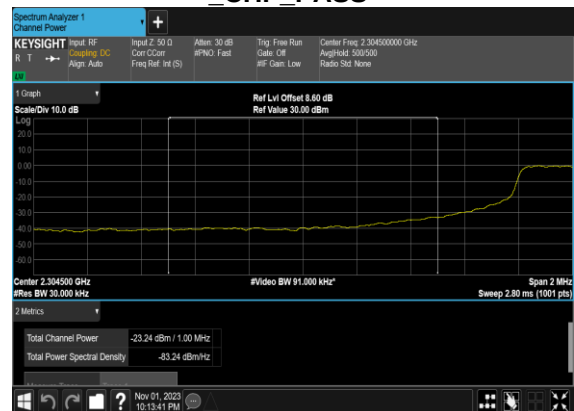
N30(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Low_CH _CHP_PASS



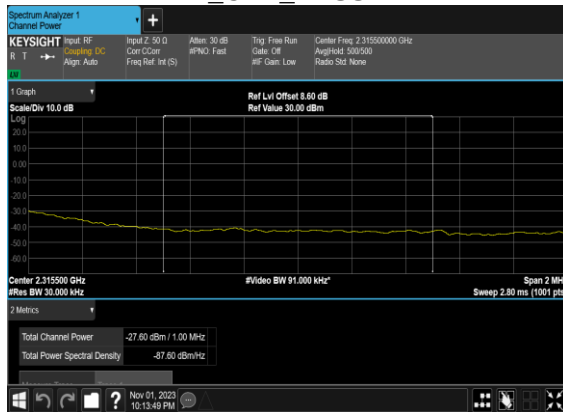
N30(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



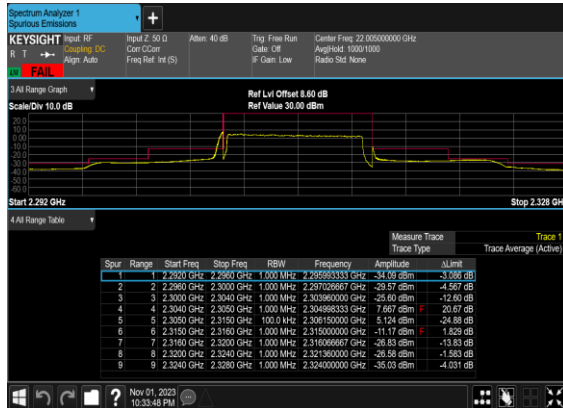
N30(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH _CHP_PASS



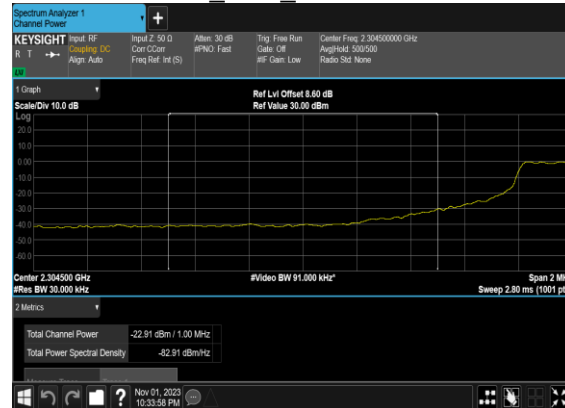
N30(10M)_DFT-s- OFDM_BPSK_Outer_Full_Low_CH _CHP_PASS



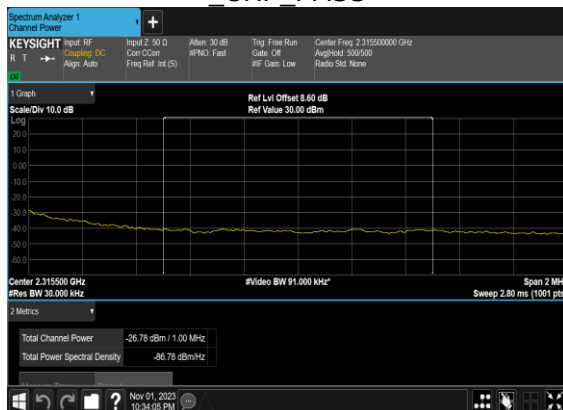
N30(10M)_DFT-s- OFDM_QPSK_Outer_Full_Low_CH



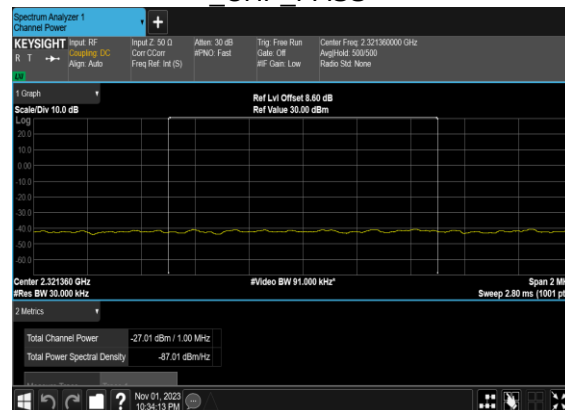
N30(10M)_DFT-s- OFDM_QPSK_Outer_Full_Low_CH _CHP_PASS



N30(10M)_DFT-s- OFDM_QPSK_Outer_Full_Low_CH _CHP_PASS



N30(10M)_DFT-s- OFDM_QPSK_Outer_Full_Low_CH _CHP_PASS



Note “CHP” means channel power integration method.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

Sample 1:

SA n30 / NR 5MHz / QPSK / Ant.1									
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	4610.94	-54.88	-40	-14.88	-47.67	-61.13	6.45	12.70	H
	6916.41	-41.65	-40	-1.65	-37.04	-45.05	8.40	11.80	H
	9221.88	-55.03	-40	-15.03	-56.11	-57.38	9.65	12.00	H
	4610.94	-51.51	-40	-11.51	-44.15	-57.76	6.45	12.70	V
	6916.41	-45.24	-40	-5.24	-40.59	-48.64	8.40	11.80	V
	9221.88	-55.32	-40	-15.32	-55.98	-57.67	9.65	12.00	V

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

EN-DC_5A_n30A / LTE 10MHz + NR 5MHz / QPSK / ANT0 (LTE) & ANT1(NR)									
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 n30 Middle	4610.94	-50.49	-40	-10.49	-43.28	-56.74	6.45	12.70	H
	6916.41	-41.62	-40	-1.62	-37.01	-45.02	8.40	11.80	H
	9221.88	-55.77	-40	-15.77	-56.85	-58.12	9.65	12.00	H
	4610.94	-53.06	-40	-13.06	-45.7	-59.31	6.45	12.70	V
	6916.41	-46.57	-40	-6.57	-41.92	-49.97	8.40	11.80	V
	9221.88	-56.12	-40	-16.12	-56.78	-58.47	9.65	12.00	V
LTE Band5 Middle	1664.18	-68.52	-13	-55.52	-73.53	-71.77	4.00	9.40	H
	2496.27	-65.89	-13	-52.89	-74.88	-69.46	4.88	10.60	H
	3328.36	-65.18	-13	-52.18	-76.49	-70.11	5.52	12.60	H
	1664.18	-68.86	-13	-55.86	-73.64	-72.11	4.00	9.40	V
	2496.27	-65.63	-13	-52.63	-74.96	-69.20	4.88	10.60	V
	3328.36	-64.95	-13	-51.95	-76.67	-69.88	5.52	12.60	V

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

SA n30 / NR 10MHz / QPSK / Ant.7									
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	4610.94	-54.88	-40	-14.88	-47.67	-61.13	6.45	12.70	H
	6916.41	-41.65	-40	-1.65	-37.04	-45.05	8.40	11.80	H
	9221.88	-55.03	-40	-15.03	-56.11	-57.38	9.65	12.00	H
	4610.94	-51.51	-40	-11.51	-44.15	-57.76	6.45	12.70	V
	6916.41	-45.24	-40	-5.24	-40.59	-48.64	8.40	11.80	V
	9221.88	-55.32	-40	-15.32	-55.98	-57.67	9.65	12.00	V

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

EN-DC_66A_n30A / LTE 10MHz + NR 10MHz / QPSK / ANT1 (LTE) & ANT7(NR) / Other PA									
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 n30 Middle	4610.94	-52.10	-40	-12.10	-44.89	-58.35	6.45	12.70	H
	6916.41	-41.34	-40	-1.34	-36.73	-44.74	8.40	11.80	H
	9221.88	-52.37	-40	-12.37	-53.45	-54.72	9.65	12.00	H
	4610.94	-52.02	-40	-12.02	-44.66	-58.27	6.45	12.70	V
	6916.41	-46.32	-40	-6.32	-41.67	-49.72	8.40	11.80	V
	9221.88	-55.11	-40	-15.11	-55.77	-57.46	9.65	12.00	V
LTE Band66 Middle	3481	-65.17	-13	-52.17	-54.08	-72.02	5.65	12.50	H
	5221.5	-63.50	-13	-50.50	-55.81	-69.17	7.13	12.80	H
	6962	-61.15	-13	-48.15	-56.69	-64.55	8.40	11.80	H
	3481	-62.94	-13	-49.94	-52.39	-69.79	5.65	12.50	V
	5221.5	-63.48	-13	-50.48	-55.74	-69.15	7.13	12.80	V
	6962	-60.59	-13	-47.59	-56.23	-63.99	8.40	11.80	V

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

Sample 2:

SA n30 / NR 10MHz / QPSK / Ant.7 / Other PA									
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	4610.94	-55.90	-40	-15.90	-48.69	-62.15	6.45	12.70	H
	6916.41	-41.78	-40	-1.78	-37.17	-45.18	8.40	11.80	H
	9221.88	-55.70	-40	-15.70	-56.78	-58.05	9.65	12.00	H
	4610.94	-58.73	-40	-18.73	-51.37	-64.98	6.45	12.70	V
	6916.41	-44.55	-40	-4.55	-39.9	-47.95	8.40	11.80	V
	9221.88	-55.33	-40	-15.33	-55.99	-57.68	9.65	12.00	V

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