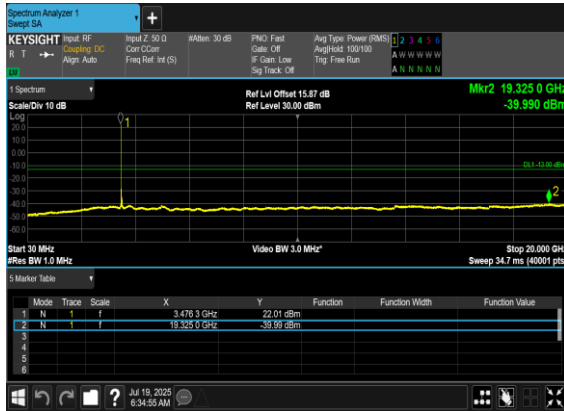




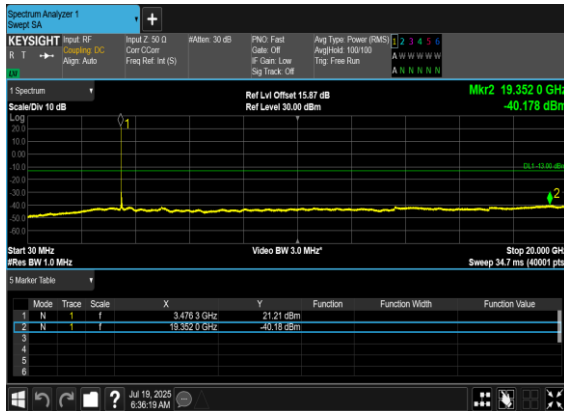
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

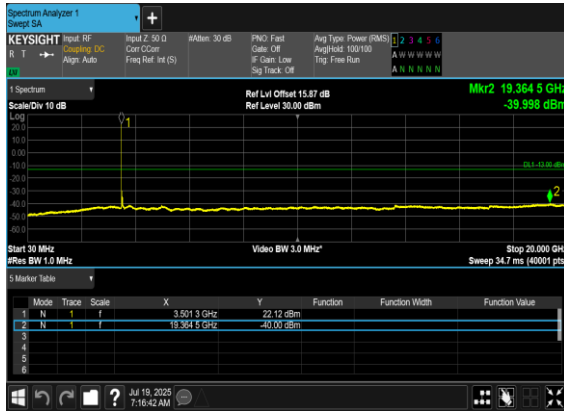


N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





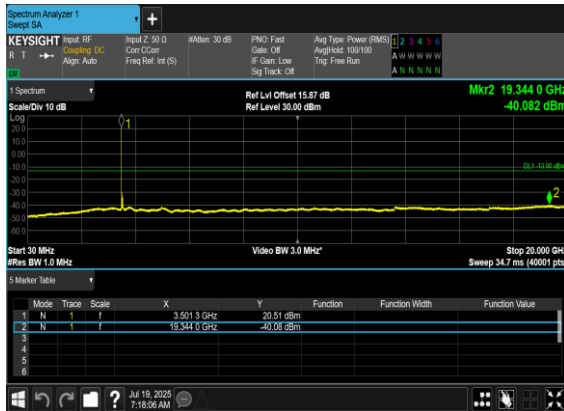
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH





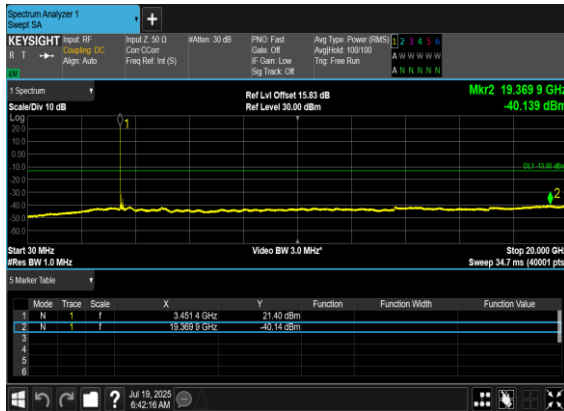
N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





Conducted Band Edge

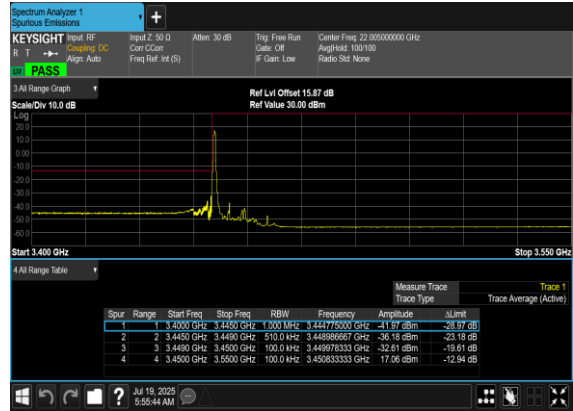
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	10	630334	3455.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	10	630334	3455.01	DFT-s-OFDM BPSK	24@0	see graph	PASS
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	24@0	see graph	PASS
78	30	10	636332	3544.98	DFT-s-OFDM BPSK	1@23	see graph	PASS
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@23	see graph	PASS
78	30	10	636332	3544.98	DFT-s-OFDM BPSK	24@0	see graph	PASS
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	24@0	see graph	PASS
78	30	50	631668	3475.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	50	631668	3475.02	DFT-s-OFDM BPSK	128@0	see graph	PASS
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	128@0	see graph	PASS
78	30	50	635000	3525.0	DFT-s-OFDM BPSK	1@132	see graph	PASS
78	30	50	635000	3525.0	DFT-s-OFDM QPSK	1@132	see graph	PASS
78	30	50	635000	3525.0	DFT-s-OFDM BPSK	128@0	see graph	PASS
78	30	50	635000	3525.0	DFT-s-OFDM QPSK	128@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	1@272	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@272	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	270@0	see graph	PASS



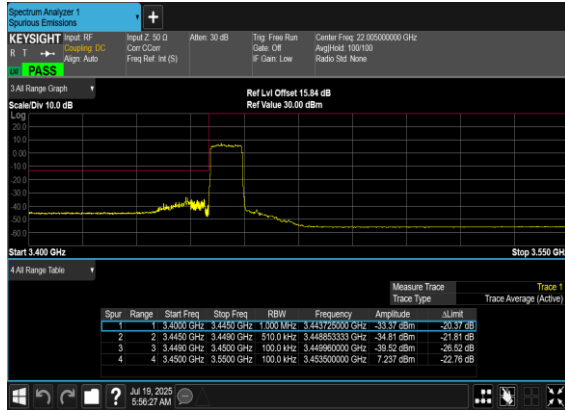
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



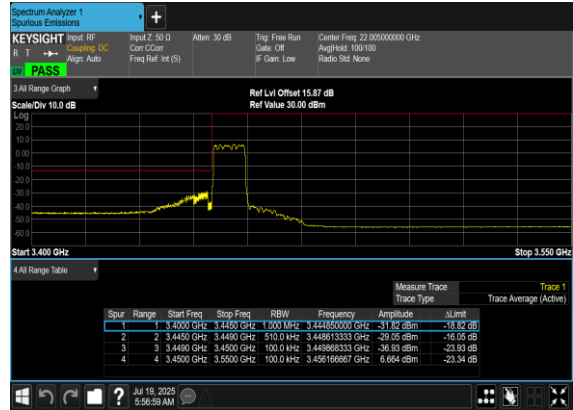
N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

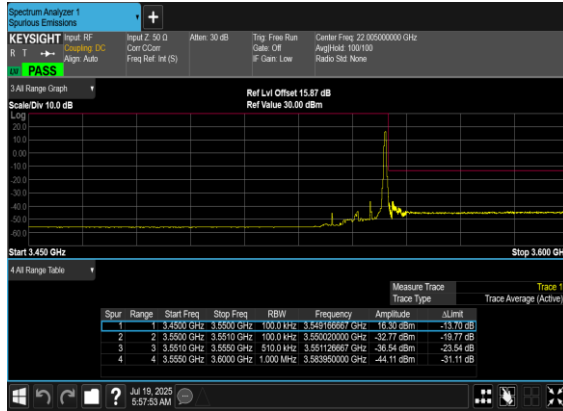


N78(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





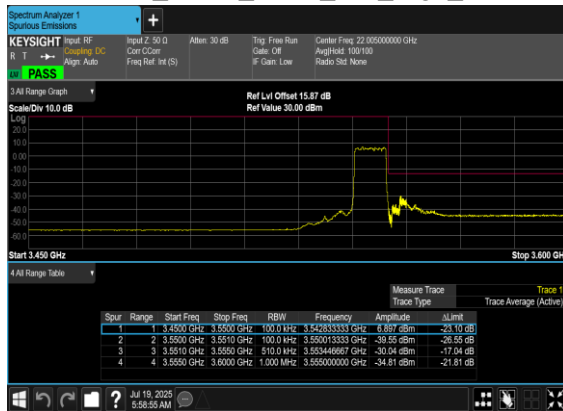
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



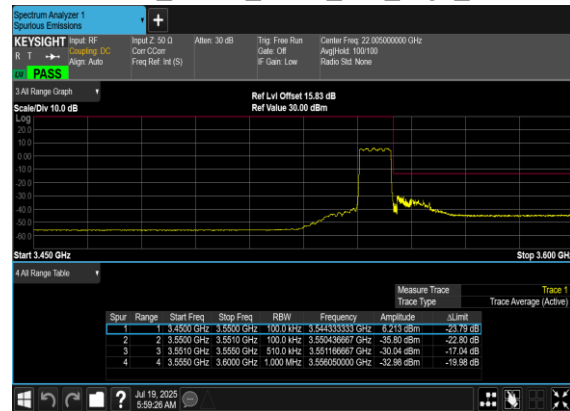
N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

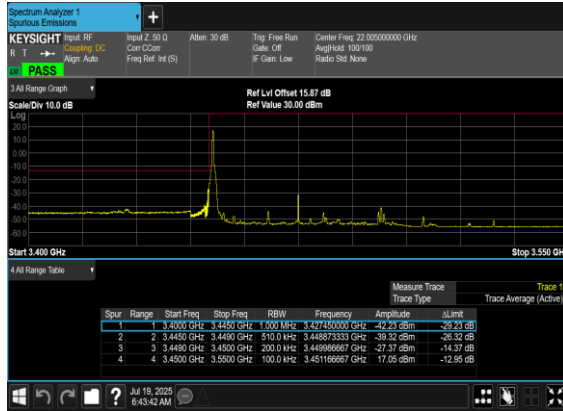


N78(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

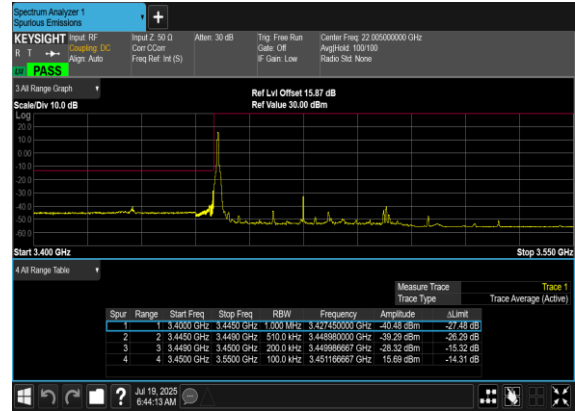




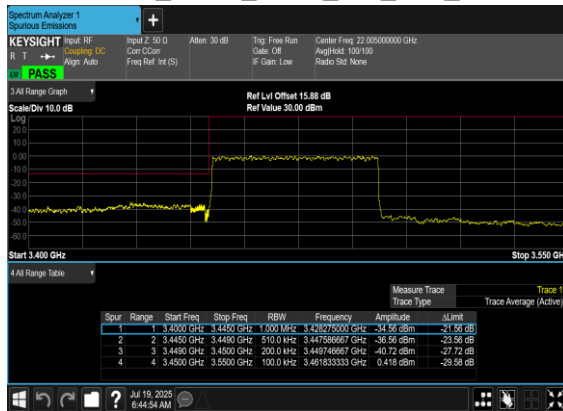
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



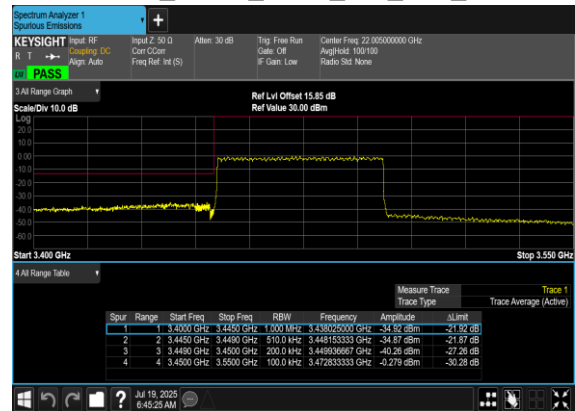
N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

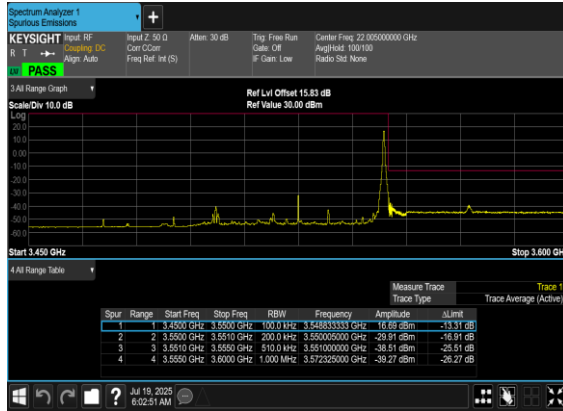


N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

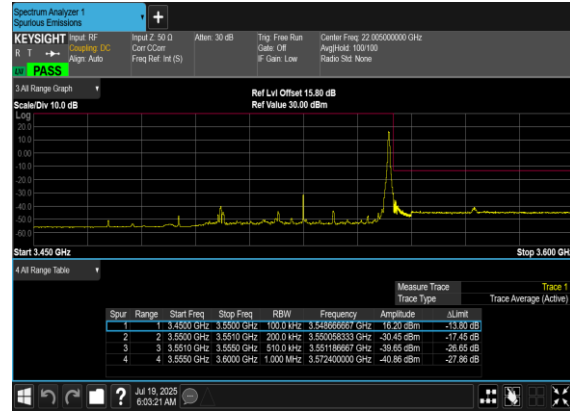




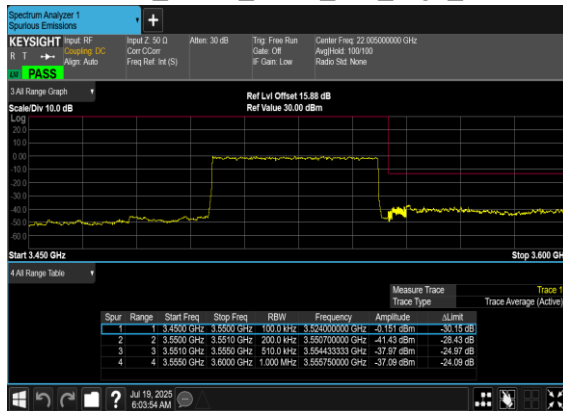
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



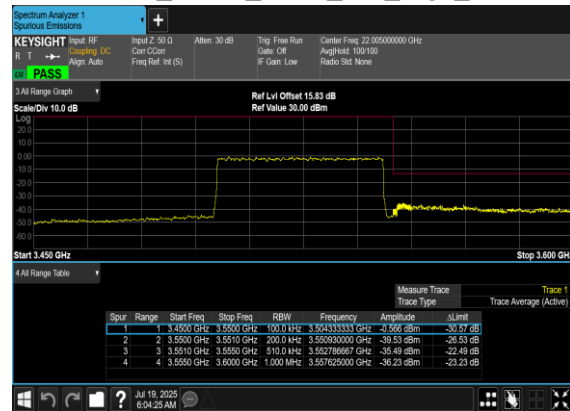
N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N78(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

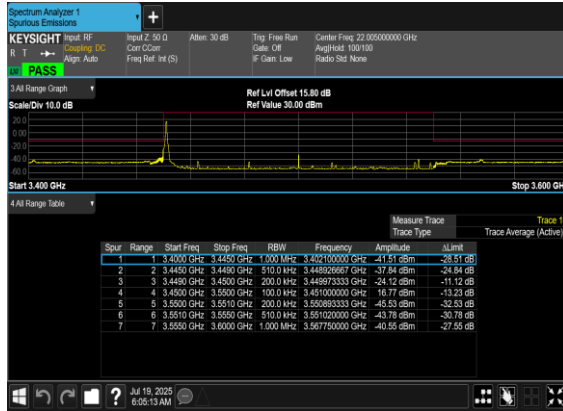


N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

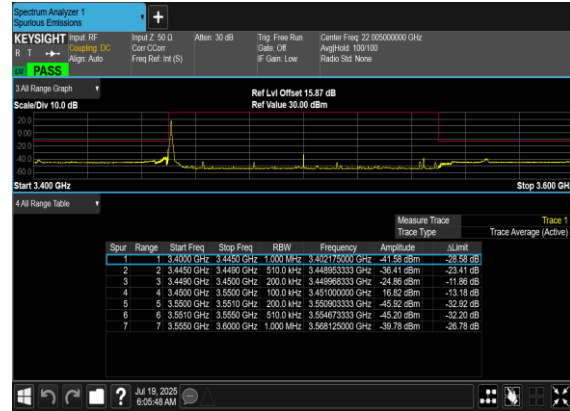




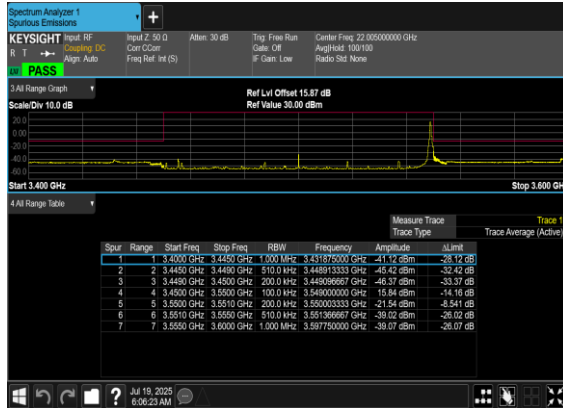
N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



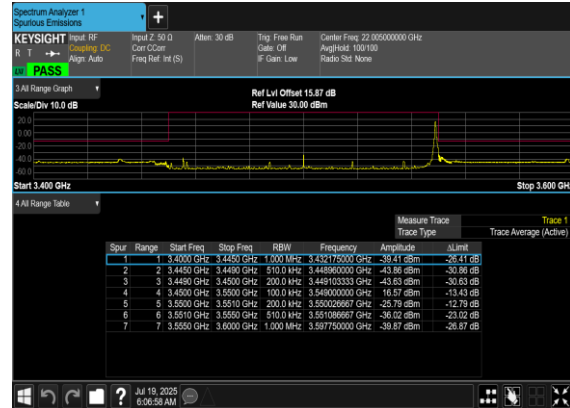
N78(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

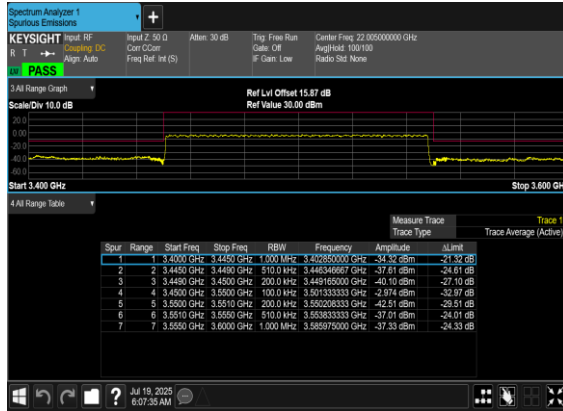


N78(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

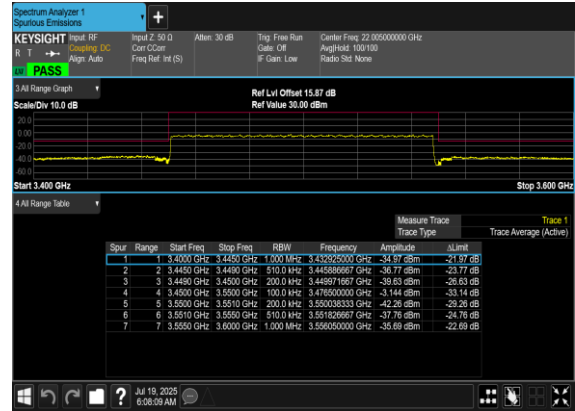




N78(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



N78(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Liangping Zhou	Temperature :	22~25℃
		Relative Humidity :	48~52%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

n77 SA / NR 100MHz / QPSK(ANT11)									
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	6904.00	-60.65	-13	-47.65	-52.64	-63.95	8.30	11.60	H
	10356.00	-55.36	-13	-42.36	-54.59	-56.88	10.48	12.00	H
	13808.00	-52.27	-13	-39.27	-55.58	-53.97	11.80	13.50	H
	6904.00	-59.12	-13	-46.12	-51.59	-62.42	8.30	11.60	V
	10356.00	-55.95	-13	-42.95	-54.31	-57.47	10.48	12.00	V
	13808.00	-53.62	-13	-40.62	-56.27	-55.32	11.80	13.50	V

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

EN-DC_7A_n77A / LTE 10MHz + NR 100MHz / QPSK(13+11)									
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 Middle	6904.00	-60.52	-13	-47.52	-52.51	-63.82	8.30	11.60	H
	10356.00	-55.35	-13	-42.35	-54.58	-56.87	10.48	12.00	H
	13808.00	-52.69	-13	-39.69	-56.00	-54.39	11.80	13.50	H
	6904.00	-59.74	-13	-46.74	-52.21	-63.04	8.30	11.60	V
	10356.00	-56.18	-13	-43.18	-54.54	-57.70	10.48	12.00	V
	13808.00	-53.88	-13	-40.88	-56.53	-55.58	11.80	13.50	V
LTE Band7 Middle	5061.00	-59.55	-25	-34.55	-81.31	-65.11	7.14	12.70	H
	7591.50	-58.65	-25	-33.65	-52.54	-61.95	8.30	11.60	H
	10122.00	-55.23	-25	-30.23	-54.46	-56.75	10.48	12.00	H
	5061.00	-58.99	-25	-33.99	-80.89	-64.55	7.14	12.70	V
	7591.50	-58.58	-25	-33.58	-52.42	-61.88	8.30	11.60	V
	10122.00	-56.73	-25	-31.73	-54.59	-58.25	10.48	12.00	V

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

n78 SA / NR 100MHz / QPSK (ANT11)									
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	6904.00	-60.35	-13	-47.35	-52.34	-63.65	8.30	11.60	H
	10356.00	-54.77	-13	-41.77	-54.00	-56.29	10.48	12.00	H
	13808.00	-52.66	-13	-39.66	-55.97	-54.36	11.80	13.50	H
	6904.00	-59.04	-13	-46.04	-51.51	-62.34	8.30	11.60	V
	10356.00	-55.81	-13	-42.81	-54.17	-57.33	10.48	12.00	V
	13808.00	-53.33	-13	-40.33	-55.98	-55.03	11.80	13.50	V

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

EN-DC_41A_n78A / LTE 10MHz + NR 100MHz / QPSK (13+11)									
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 n78 Middle	6904.00	-59.29	-13	-46.29	-51.28	-62.59	8.30	11.60	H
	10356.00	-55.37	-13	-42.37	-54.60	-56.89	10.48	12.00	H
	13808.00	-52.85	-13	-39.85	-56.16	-54.55	11.80	13.50	H
	6904.00	-59.12	-13	-46.12	-51.59	-62.42	8.30	11.60	V
	10356.00	-56.05	-13	-43.05	-54.41	-57.57	10.48	12.00	V
	13808.00	-53.30	-13	-40.30	-55.95	-55.00	11.80	13.50	V
LTE Band41 Middle	5177.00	-59.56	-25	-34.56	-81.12	-65.12	7.14	12.70	H
	7765.50	-58.48	-25	-33.48	-52.54	-61.78	8.30	11.60	H
	10354.00	-55.37	-25	-30.37	-54.60	-56.89	10.48	12.00	H
	5177.00	-59.27	-25	-34.27	-81.12	-64.83	7.14	12.70	V
	7765.50	-58.70	-25	-33.70	-52.6	-62.00	8.30	11.60	V
	10354.00	-56.05	-25	-31.05	-54.41	-57.57	10.48	12.00	V

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