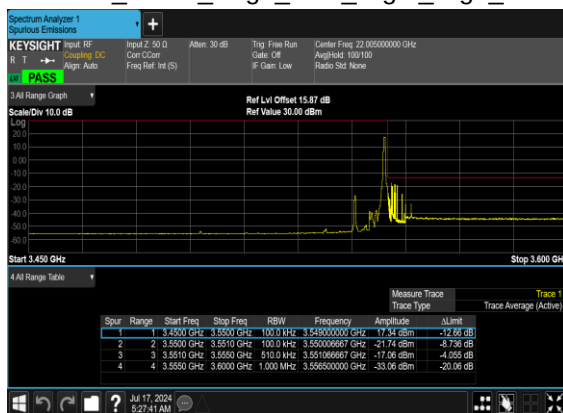
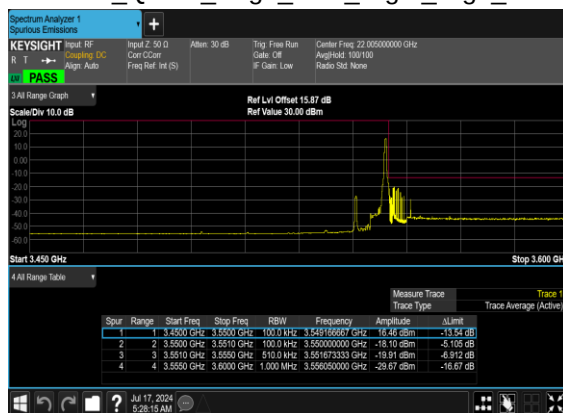




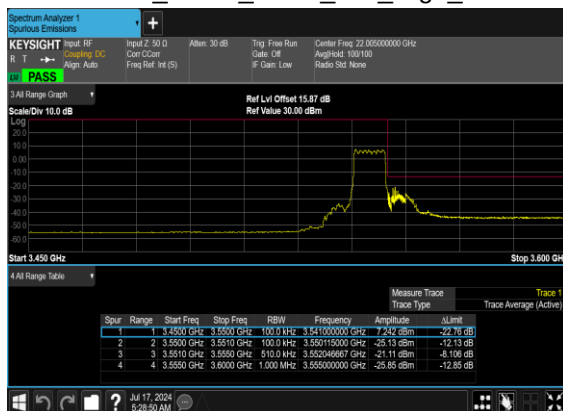
B2_N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



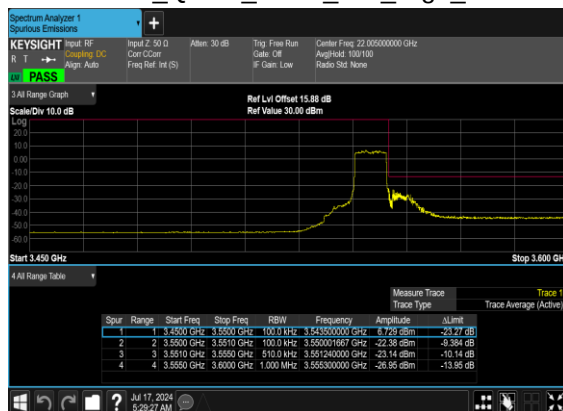
B2_N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH

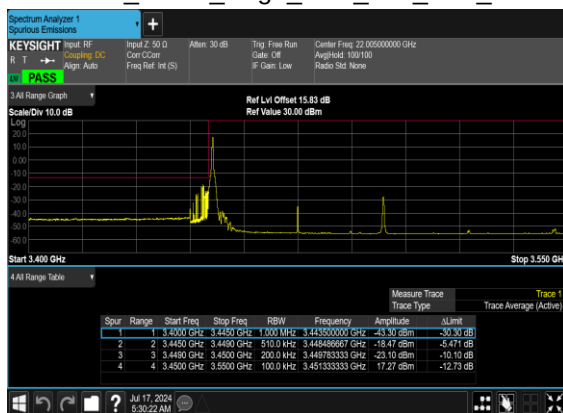
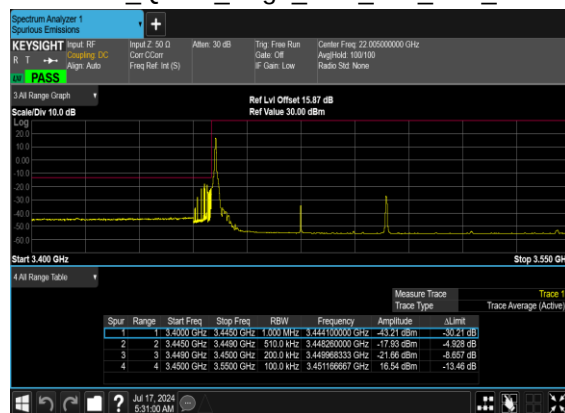
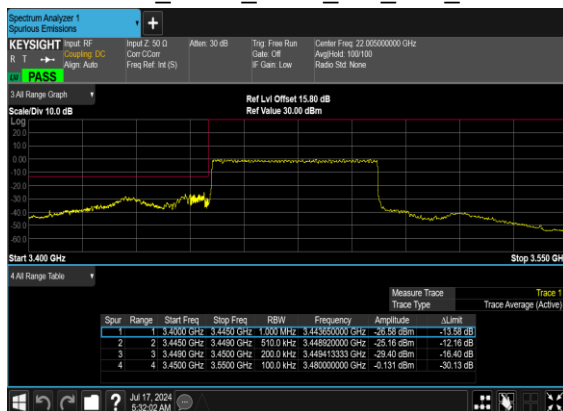
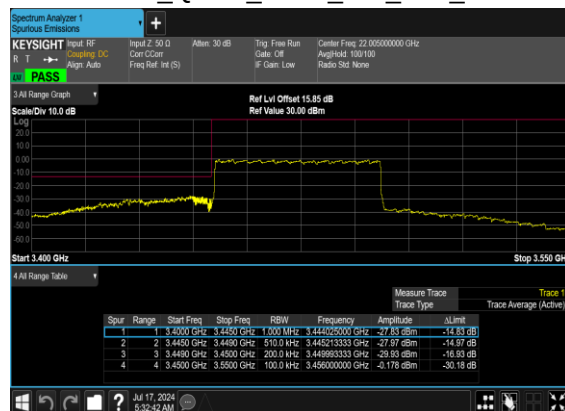


B2_N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



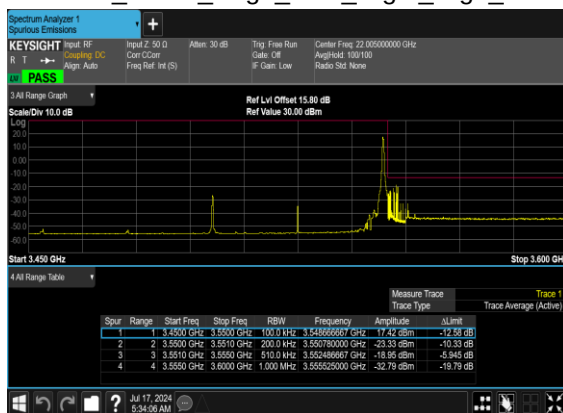
B2_N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



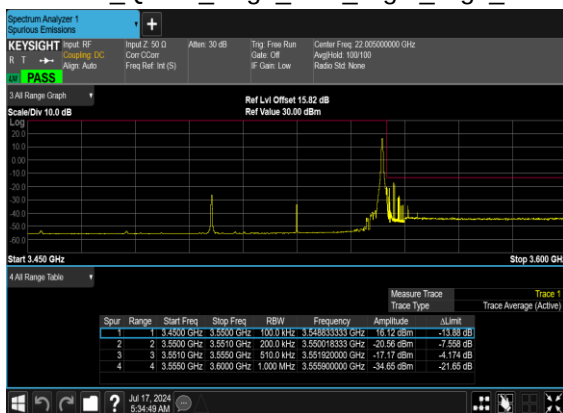
B2_N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHB2_N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHB2_N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CHB2_N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



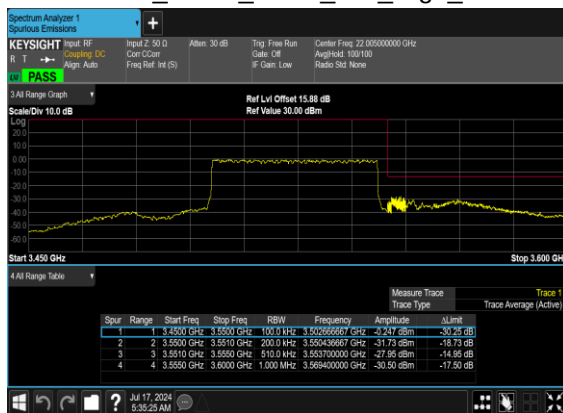
B2_N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



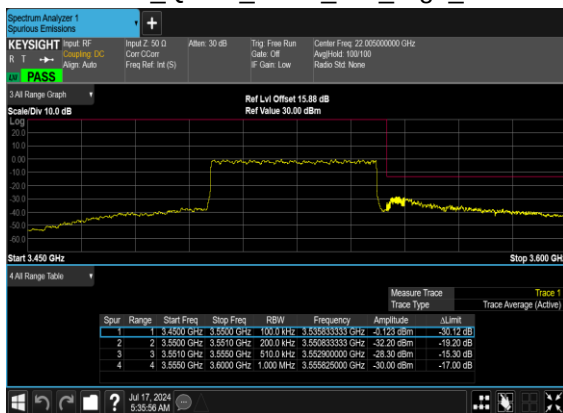
B2_N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B2_N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

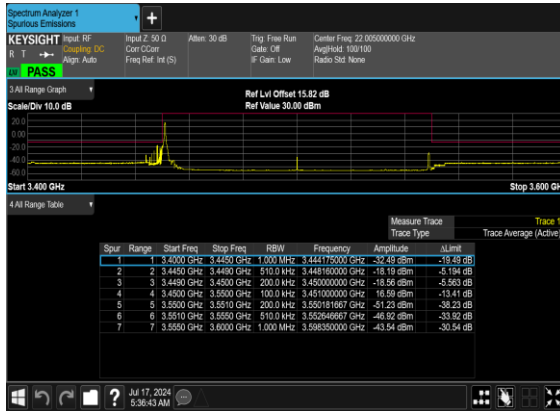


B2_N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

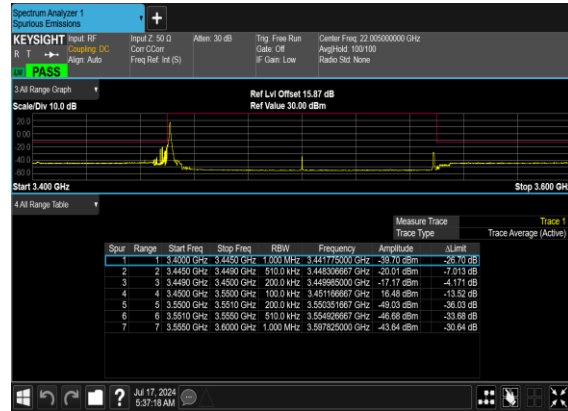




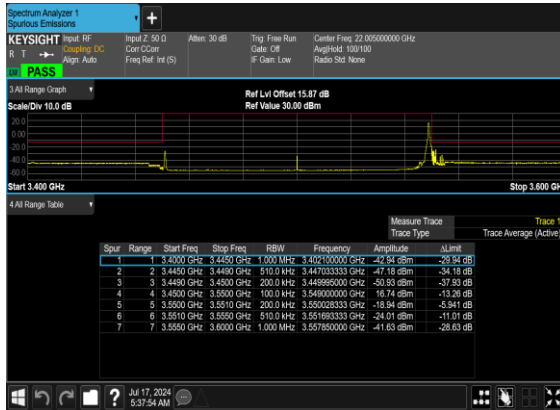
B2_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



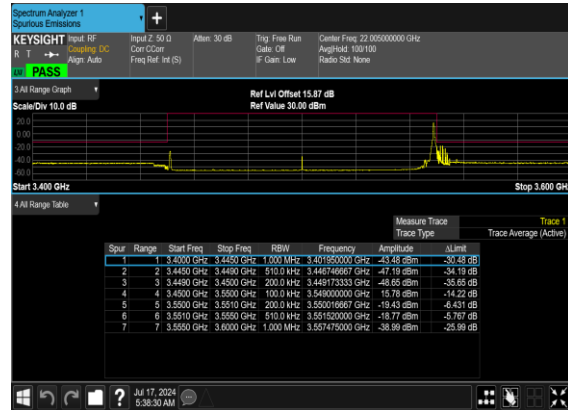
B2_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



B2_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

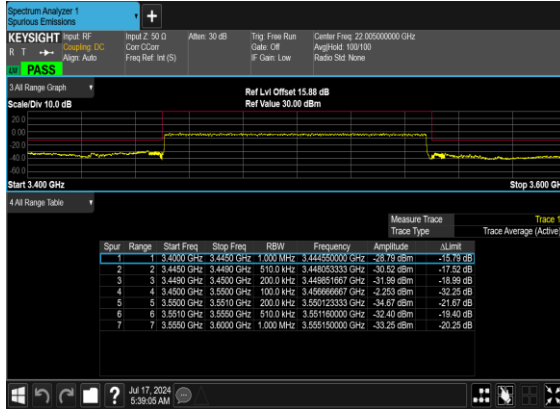


B2_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

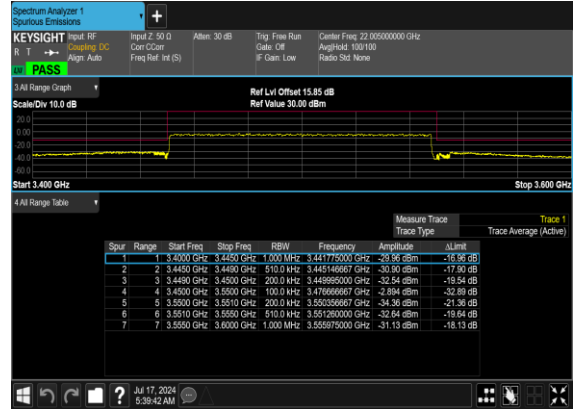




B2_N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



B2_N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH





Software Version: 23.06.1602

FR1 N78_ANT6

Transmitter Conducted Output Power And EIRP, $(G_T - L_C)=0.1\text{dB}$

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
78	30	10	630334	3455.01	DFT-s-OFDM QPSK	1@1	23.15	23.25	0.2113
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	22.26	22.36	0.1722
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.2	23.3	0.2138
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.23	22.33	0.1710
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	23.04	23.14	0.2061
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	22.12	22.22	0.1667
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	23.26	23.36	0.2168
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	22.33	22.43	0.1750
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.23	23.33	0.2153
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.27	22.37	0.1726
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	23.15	23.25	0.2113
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	22.3	22.4	0.1738
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	23.27	23.37	0.2173
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	22.3	22.4	0.1738
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.21	23.31	0.2143
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.29	22.39	0.1734
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	23.16	23.26	0.2118
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	22.22	22.32	0.1706
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	23.44	23.54	0.2259
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	22.5	22.6	0.1820
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.22	23.32	0.2148
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.34	22.44	0.1754
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	23.36	23.46	0.2218
78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	22.46	22.56	0.1803
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	23.44	23.54	0.2259
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	22.58	22.68	0.1854



78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.32	23.42	0.2198
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.38	22.48	0.1770
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	23.46	23.56	0.2270
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	22.54	22.64	0.1837
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	23.12	23.22	0.2099
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	22.23	22.33	0.1710
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	22.99	23.09	0.2037
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.15	22.25	0.1679
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	23.1	23.2	0.2089
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	22.24	22.34	0.1714
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	23.18	23.28	0.2128
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	22.4	22.5	0.1778
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.1	23.2	0.2089
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.32	22.42	0.1746
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	23.1	23.2	0.2089
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	22.31	22.41	0.1742
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	23.22	23.32	0.2148
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	22.35	22.45	0.1758
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.13	23.23	0.2104
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.23	22.33	0.1710
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	23.09	23.19	0.2084
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	22.18	22.28	0.1690
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	23.21	23.31	0.2143
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	22.28	22.38	0.1730
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.11	23.21	0.2094
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.16	22.26	0.1683
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	23.07	23.17	0.2075
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	22.07	22.17	0.1648
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	23.19	23.29	0.2133
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	22.25	22.35	0.1718
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.09	23.19	0.2084
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.21	22.31	0.1702



78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	23.15	23.25	0.2113
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	22.2	22.3	0.1698
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	23.23	23.33	0.2153
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	23.46	23.56	0.2270
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	22.88	22.98	0.1986
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	23.17	23.27	0.2123
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	23.47	23.57	0.2275
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	22.88	22.98	0.1986
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	22.23	22.33	0.1710
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	22.51	22.61	0.1824
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	21.91	22.01	0.1589
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	20.77	20.87	0.1222
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	21.11	21.21	0.1321
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	20.43	20.53	0.1130
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	18.83	18.93	0.0782
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	18.89	18.99	0.0793
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	18.32	18.42	0.0695
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	21.74	21.84	0.1528
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	21.99	22.09	0.1618
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	21.39	21.49	0.1409

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	LiangPing Zhou	Temperature :	22~25°C
		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 90MHz / QPSK(ANT6)									
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)
Lowest	6902.6	-38.32	-13	-25.32	-45.78	-41.65	8.25	11.58	H
	10353.9	-56.29	-13	-43.29	-68.31	-57.84	10.45	12.00	H
	13805.2	-54.02	-13	-41.02	-69.87	-55.73	11.74	13.45	H
	6902.6	-34.95	-13	-21.95	-43.69	-38.28	8.25	11.58	V
	10353.9	-53.29	-13	-40.29	-67.11	-54.84	10.45	12.00	V
	13805.2	-55.75	-13	-42.75	-70.41	-57.46	11.74	13.45	V
Middle	6912.62	-39.16	-13	-26.16	-46.66	-42.46	8.30	11.60	H
	10368.93	-55.71	-13	-42.71	-67.75	-57.23	10.48	12.00	H
	13825.24	-54.94	-13	-41.94	-70.76	-56.64	11.80	13.50	H
	6912.62	-36.47	-13	-23.47	-45.07	-39.77	8.30	11.60	V
	10368.93	-53.88	-13	-40.88	-67.78	-55.40	10.48	12.00	V
	13825.24	-55.96	-13	-42.96	-70.63	-57.66	11.80	13.50	V
Highest	6922.58	-39.92	-13	-26.92	-47.42	-43.22	8.32	11.62	H
	10383.87	-55.93	-13	-42.93	-67.99	-57.61	10.52	12.20	H
	13845.16	-54.45	-13	-41.45	-70.24	-56.15	11.85	13.55	H
	6922.58	-37.38	-13	-24.38	-45.98	-40.68	8.32	11.62	V
	10383.87	-54.35	-13	-41.35	-68.32	-56.03	10.52	12.20	V
	13845.16	-55.27	-13	-42.27	-69.97	-56.97	11.85	13.55	V

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

n77 SA / NR 100MHz / QPSK(ANT6)									
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	6902.42	-39.08	-13	-26.08	-46.54	-42.38	8.30	11.60	H
	10353.63	-54.72	-13	-41.72	-66.74	-56.24	10.48	12.00	H
	13804.84	-54.52	-13	-41.52	-70.37	-56.22	11.80	13.50	H
	6902.42	-35.60	-13	-22.60	-44.34	-38.90	8.30	11.60	V
	10353.63	-52.84	-13	-39.84	-66.66	-54.36	10.48	12.00	V
	13804.84	-55.47	-13	-42.47	-70.13	-57.17	11.80	13.50	V

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



EN-DC_14A_n77A / LTE 10MHz + NR 100MHz / QPSK(1+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 n77 Middle	6902.42	-41.87	-13	-28.87	-68.07	-45.17	8.32	11.62	H
	10353.63	-50.67	-13	-37.67	-81.89	-52.35	10.52	12.20	H
	13804.84	-49.92	-13	-36.92	-82.05	-51.62	11.85	13.55	H
	6902.42	-39.28	-13	-26.28	-66.76	-42.58	8.32	11.62	V
	10353.63	-49.41	-13	-36.41	-82.43	-51.09	10.52	12.20	V
	13804.84	-50.88	-13	-37.88	-81.82	-52.58	11.85	13.55	V
LTE Band14 Middle	1577	-64.92	-42.15	-22.77	-76.75	-68.17	4.00	9.40	H
	2365.5	-60.84	-13	-47.84	-79.44	-64.41	4.88	10.60	H
	3154	-58.34	-13	-45.34	-78.74	-63.27	5.52	12.60	H
	1577	-64.25	-42.15	-22.10	-76.65	-67.50	4.00	9.40	V
	2365.5	-60.08	-13	-47.08	-79.14	-63.65	4.88	10.60	V
	3154	-56.67	-13	-43.67	-79.00	-61.60	5.52	12.60	V

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