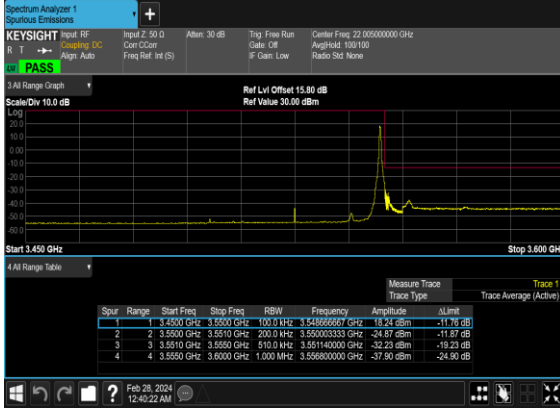
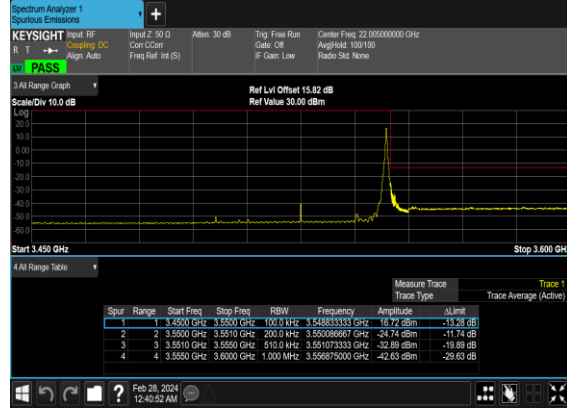


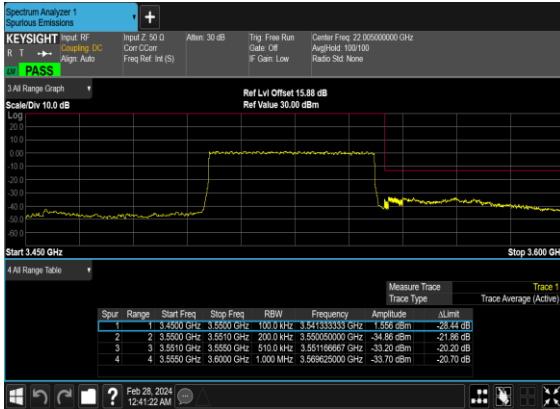
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



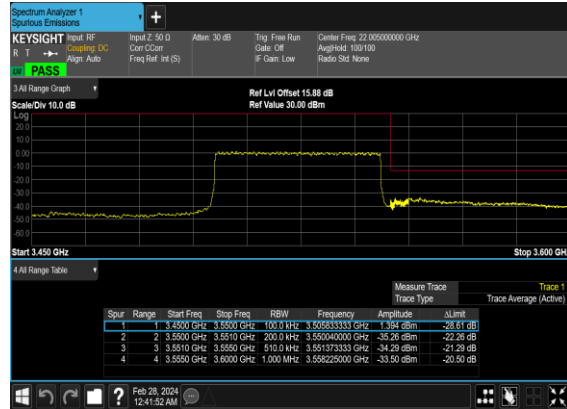
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



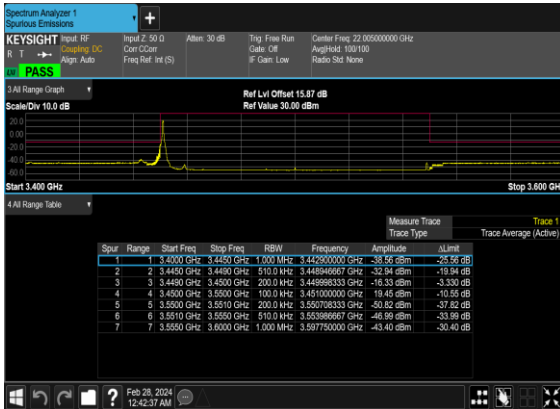
N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



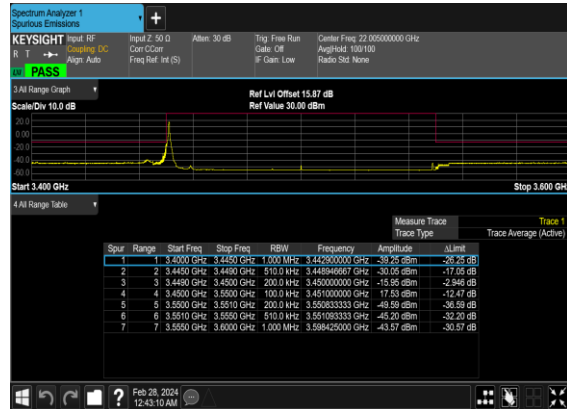
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



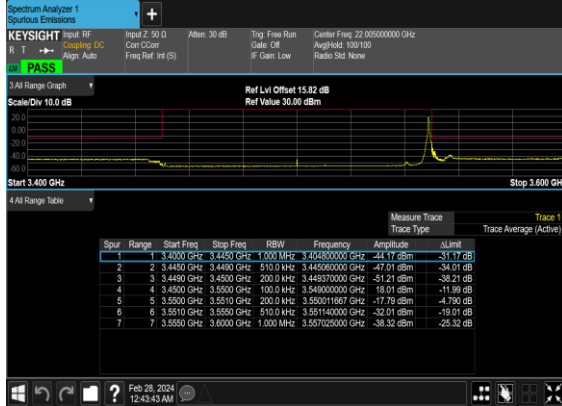
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



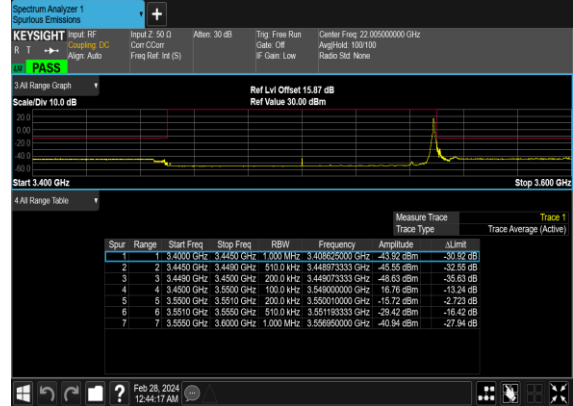
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



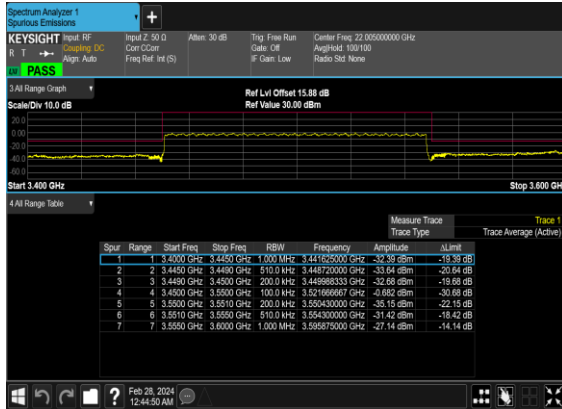
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



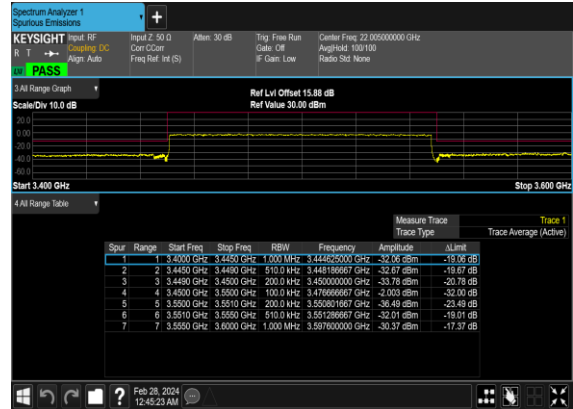
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



FR1 N78 (Ant 6)

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-0.3dB

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	27.09	26.79	0.4775
78	30	10	630334	3455.01	DFT-s-OFDM 16 QAM	1@1	26.12	25.82	0.3819
78	30	10	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.23	26.93	0.4932
78	30	10	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.12	25.82	0.3819
78	30	10	636332	3544.98	DFT-s-OFDM QPSK	1@1	27.13	26.83	0.4819
78	30	10	636332	3544.98	DFT-s-OFDM 16 QAM	1@1	26.06	25.76	0.3767
78	30	15	630500	3457.5	DFT-s-OFDM QPSK	1@1	27.04	26.74	0.4721
78	30	15	630500	3457.5	DFT-s-OFDM 16 QAM	1@1	26.11	25.81	0.3811
78	30	15	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.14	26.84	0.4831
78	30	15	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.05	25.75	0.3758
78	30	15	636166	3542.49	DFT-s-OFDM QPSK	1@1	27.02	26.72	0.4699
78	30	15	636166	3542.49	DFT-s-OFDM 16 QAM	1@1	25.94	25.64	0.3664
78	30	20	630668	3460.02	DFT-s-OFDM QPSK	1@1	27.08	26.78	0.4764
78	30	20	630668	3460.02	DFT-s-OFDM 16 QAM	1@1	25.9	25.6	0.3631
78	30	20	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.17	26.87	0.4864
78	30	20	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.07	25.77	0.3776
78	30	20	636000	3540	DFT-s-OFDM QPSK	1@1	27.09	26.79	0.4775
78	30	20	636000	3540	DFT-s-OFDM 16 QAM	1@1	26.08	25.78	0.3784
78	30	25	630834	3462.51	DFT-s-OFDM QPSK	1@1	27.18	26.88	0.4875
78	30	25	630834	3462.51	DFT-s-OFDM 16 QAM	1@1	26.02	25.72	0.3733
78	30	25	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.27	26.97	0.4977
78	30	25	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.19	25.89	0.3882
78	30	25	635832	3537.48	DFT-s-OFDM QPSK	1@1	27.21	26.91	0.4909
78	30	25	635832	3537.48	DFT-s-OFDM 16 QAM	1@1	26.19	25.89	0.3882
78	30	30	631000	3465	DFT-s-OFDM QPSK	1@1	27.24	26.94	0.4943
78	30	30	631000	3465	DFT-s-OFDM 16 QAM	1@1	26.26	25.96	0.3945
78	30	30	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.31	27.01	0.5023
78	30	30	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.24	25.94	0.3926
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@1	27.16	26.86	0.4853

78	30	30	635666	3534.99	DFT-s-OFDM 16 QAM	1@1	26.21	25.91	0.3899
78	30	40	631334	3470.01	DFT-s-OFDM QPSK	1@1	27.15	26.85	0.4842
78	30	40	631334	3470.01	DFT-s-OFDM 16 QAM	1@1	26.18	25.88	0.3873
78	30	40	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.27	26.97	0.4977
78	30	40	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.26	25.96	0.3945
78	30	40	635332	3529.98	DFT-s-OFDM QPSK	1@1	27.19	26.89	0.4887
78	30	40	635332	3529.98	DFT-s-OFDM 16 QAM	1@1	26.13	25.83	0.3828
78	30	50	631668	3475.02	DFT-s-OFDM QPSK	1@1	27.27	26.97	0.4977
78	30	50	631668	3475.02	DFT-s-OFDM 16 QAM	1@1	26.33	26.03	0.4009
78	30	50	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.35	27.05	0.5070
78	30	50	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.4	26.1	0.4074
78	30	50	635000	3525	DFT-s-OFDM QPSK	1@1	27.28	26.98	0.4989
78	30	50	635000	3525	DFT-s-OFDM 16 QAM	1@1	26.31	26.01	0.3990
78	30	60	632000	3480	DFT-s-OFDM QPSK	1@1	27.16	26.86	0.4853
78	30	60	632000	3480	DFT-s-OFDM 16 QAM	1@1	26.12	25.82	0.3819
78	30	60	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.21	26.91	0.4909
78	30	60	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.21	25.91	0.3899
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@1	27.19	26.89	0.4887
78	30	60	634666	3519.99	DFT-s-OFDM 16 QAM	1@1	26.22	25.92	0.3908
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@1	27.29	26.99	0.5000
78	30	70	632334	3485.01	DFT-s-OFDM 16 QAM	1@1	26.22	25.92	0.3908
78	30	70	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.34	27.04	0.5058
78	30	70	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.38	26.08	0.4055
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@1	27.32	27.02	0.5035
78	30	70	634332	3514.98	DFT-s-OFDM 16 QAM	1@1	26.34	26.04	0.4018
78	30	80	632668	3490.02	DFT-s-OFDM QPSK	1@1	27.31	27.01	0.5023
78	30	80	632668	3490.02	DFT-s-OFDM 16 QAM	1@1	26.25	25.95	0.3936
78	30	80	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.26	26.96	0.4966
78	30	80	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.28	25.98	0.3963
78	30	80	634000	3510	DFT-s-OFDM QPSK	1@1	27.41	27.11	0.5140
78	30	80	634000	3510	DFT-s-OFDM 16 QAM	1@1	26.4	26.1	0.4074
78	30	90	633000	3495	DFT-s-OFDM QPSK	1@1	27.34	27.04	0.5058
78	30	90	633000	3495	DFT-s-OFDM 16 QAM	1@1	26.37	26.07	0.4046
78	30	90	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.38	27.08	0.5105
78	30	90	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.38	26.08	0.4055

78	30	90	633666	3504.99	DFT-s-OFDM QPSK	1@1	27.42	27.12	0.5152
78	30	90	633666	3504.99	DFT-s-OFDM 16 QAM	1@1	26.45	26.15	0.4121
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	135@67	27.12	26.82	0.4808
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@1	27.5	27.2	0.5248
78	30	100	633334	3500.01	DFT-s-OFDM PI/2 BPSK	1@271	27.05	26.75	0.4732
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	135@67	27.15	26.85	0.4842
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@1	27.56	27.26	0.5321
78	30	100	633334	3500.01	DFT-s-OFDM QPSK	1@271	27.06	26.76	0.4742
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	135@67	25.98	25.68	0.3698
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@1	26.54	26.24	0.4207
78	30	100	633334	3500.01	DFT-s-OFDM 16 QAM	1@271	26.06	25.76	0.3767
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	135@67	24.63	24.33	0.2710
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@1	24.93	24.63	0.2904
78	30	100	633334	3500.01	DFT-s-OFDM 64 QAM	1@271	24.29	23.99	0.2506
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	135@67	22.63	22.33	0.1710
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@1	22.73	22.43	0.1750
78	30	100	633334	3500.01	DFT-s-OFDM 256 QAM	1@271	22.28	21.98	0.1578
78	30	100	633334	3500.01	CP-OFDM QPSK	137@68	25.47	25.17	0.3289
78	30	100	633334	3500.01	CP-OFDM QPSK	1@1	25.94	25.64	0.3664
78	30	100	633334	3500.01	CP-OFDM QPSK	1@271	25.48	25.18	0.3296

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carl Ni	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 100MHz / QPSK(ANT7)								
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	6912	-62.15	-13	-49.15	-72.36	3.03	13.24	H
	10356	-55.96	-13	-42.96	-65.41	3.56	13.01	H
	13824	-58.37	-13	-45.37	-67.89	3.92	13.44	H
	6912	-62.16	-13	-49.16	-72.37	3.03	13.24	V
	10356	-54.75	-13	-41.75	-64.20	3.56	13.01	V
	13824	-57.76	-13	-44.76	-67.28	3.92	13.44	V

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

n78 SA / NR 100MHz / QPSK(ANT7)								
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	6912	-62.46	-13	-49.46	-72.67	3.03	13.24	H
	10356	-58.92	-13	-45.92	-68.37	3.56	13.01	H
	13824	-58.52	-13	-45.52	-68.04	3.92	13.44	H
	6912	-62.49	-13	-49.49	-72.70	3.03	13.24	V
	10356	-52.34	-13	-39.34	-61.79	3.56	13.01	V
	13824	-58.37	-13	-45.37	-67.89	3.92	13.44	V

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

EN-DC_2A_n78A / LTE 10MHz + NR 100MHz / QPSK(2+7)								
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	6912	-62.24	-13	-49.24	-72.45	3.03	13.24	H
	10356	-56.27	-13	-43.27	-65.72	3.56	13.01	H
	13824	-58.31	-13	-45.31	-67.83	3.92	13.44	H
	6912	-62.03	-13	-49.03	-72.24	3.03	13.24	V
	10356	-56.74	-13	-43.74	-66.19	3.56	13.01	V
	13824	-58.12	-13	-45.12	-67.64	3.92	13.44	V

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

EN-DC_5A_n78A / LTE 10MHz + NR 100MHz / QPSK(0+7)								
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	6912	-62.07	-13	-49.07	-72.28	3.03	13.24	H
	10356	-57.20	-13	-44.20	-66.65	3.56	13.01	H
	13824	-57.74	-13	-44.74	-67.26	3.92	13.44	H
	6912	-61.90	-13	-48.90	-72.11	3.03	13.24	V
	10356	-54.12	-13	-41.12	-63.57	3.56	13.01	V
	13824	-58.31	-13	-45.31	-67.83	3.92	13.44	V

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

EN-DC_7A_n78A / LTE 10MHz + NR 100MHz / QPSK(4+7)								
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	6912	-62.07	-13	-49.07	-72.28	3.03	13.24	H
	10356	-58.32	-13	-45.32	-67.77	3.56	13.01	H
	13824	-58.10	-13	-45.10	-67.62	3.92	13.44	H
	6912	-62.42	-13	-49.42	-72.63	3.03	13.24	V
	10356	-53.83	-13	-40.83	-63.28	3.56	13.01	V
	13824	-58.14	-13	-45.14	-67.66	3.92	13.44	V

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

EN-DC_38A_n78A / LTE 10MHz + NR 100MHz / QPSK(4+7)								
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	6912	-62.35	-13	-49.35	-72.56	3.03	13.24	H
	10356	-57.22	-13	-44.22	-66.67	3.56	13.01	H
	13824	-58.33	-13	-45.33	-67.85	3.92	13.44	H
	6912	-62.02	-13	-49.02	-72.23	3.03	13.24	V
	10356	-53.95	-13	-40.95	-63.40	3.56	13.01	V
	13824	-58.59	-13	-45.59	-68.11	3.92	13.44	V

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

EN-DC_41A_n78A / LTE 10MHz + NR 100MHz / QPSK(4+7)								
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	6912	-62.18	-13	-49.18	-72.39	3.03	13.24	H
	10356	-57.60	-13	-44.60	-67.05	3.56	13.01	H
	13824	-58.19	-13	-45.19	-67.71	3.92	13.44	H
	6912	-62.11	-13	-49.11	-72.32	3.03	13.24	V
	10356	-52.99	-13	-39.99	-62.44	3.56	13.01	V
	13824	-58.09	-13	-45.09	-67.61	3.92	13.44	V

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