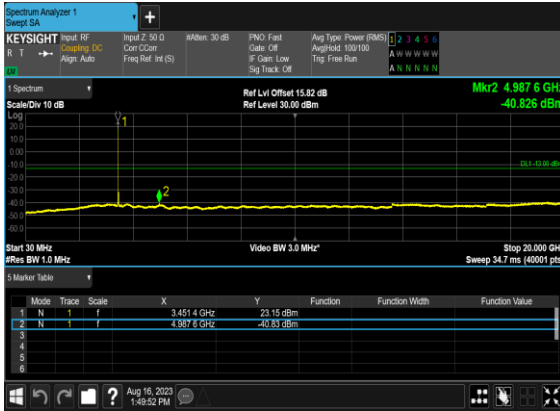
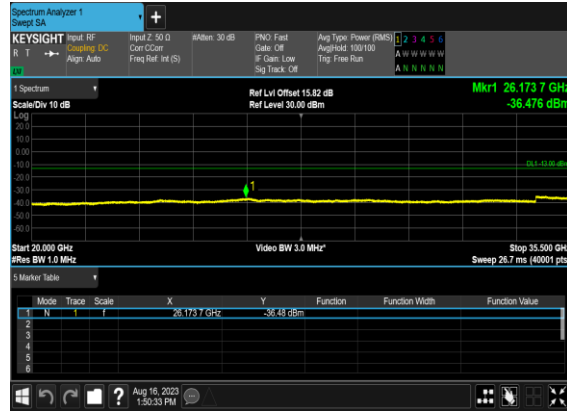


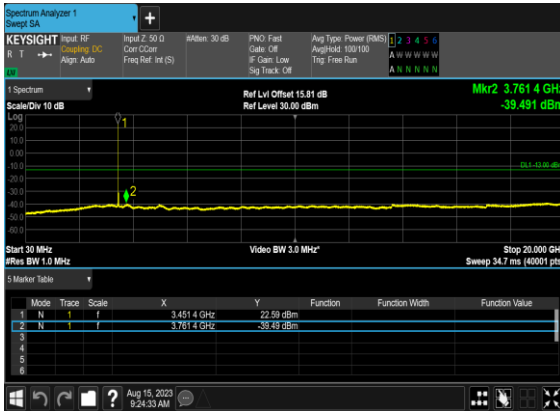
N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



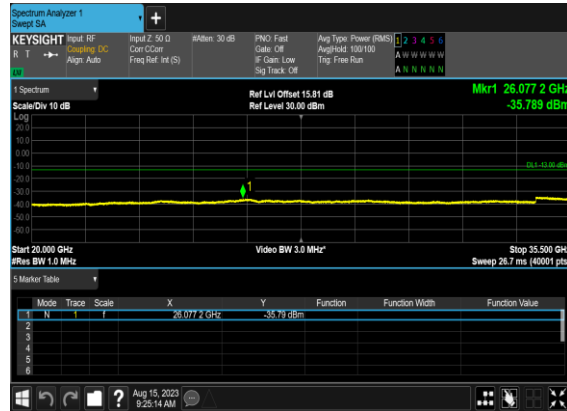
N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



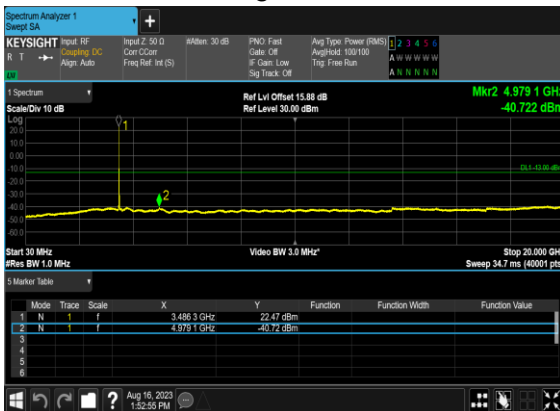
N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



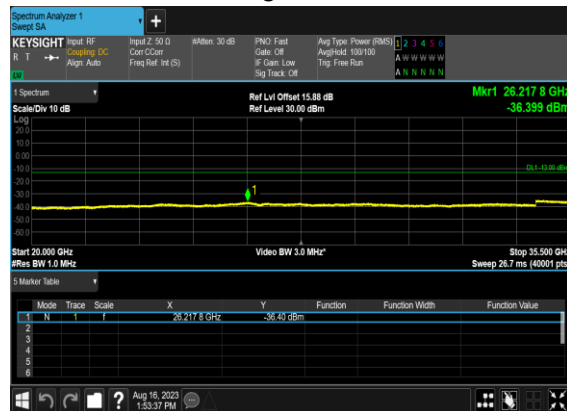
N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



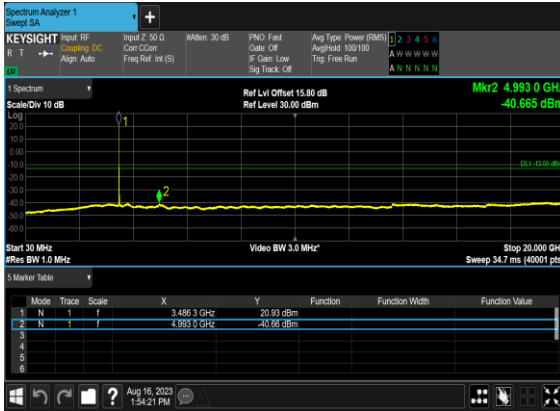
N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



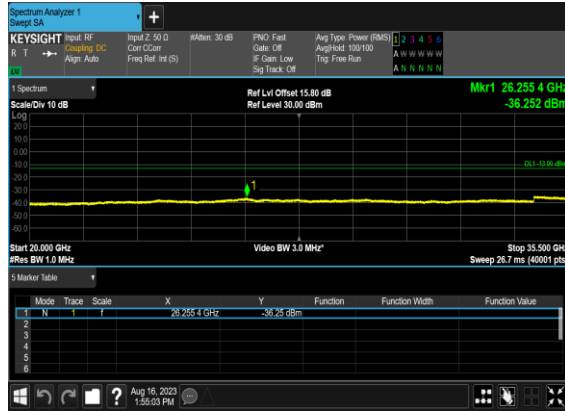
N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



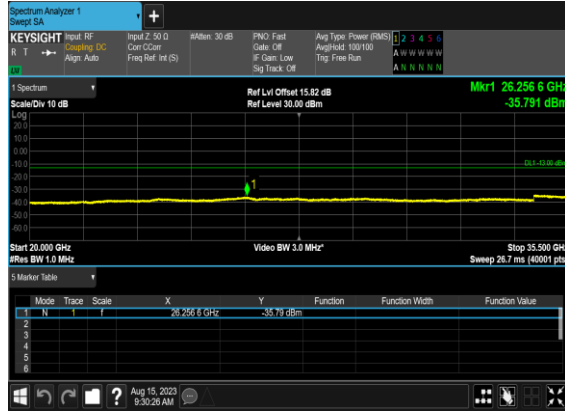
N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



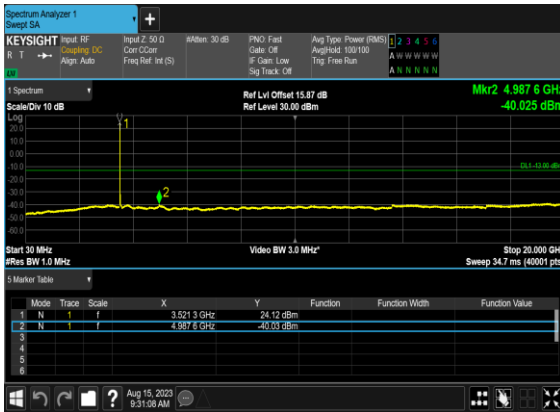
N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



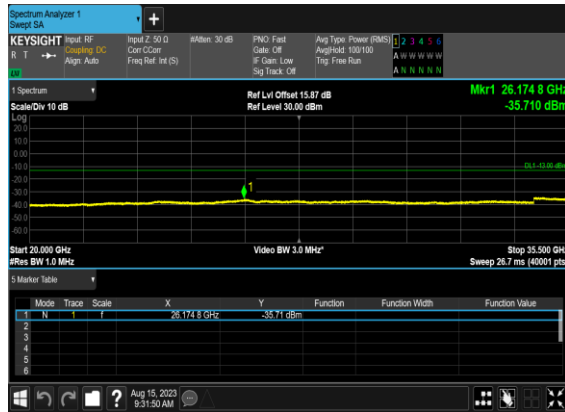
N78(30M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



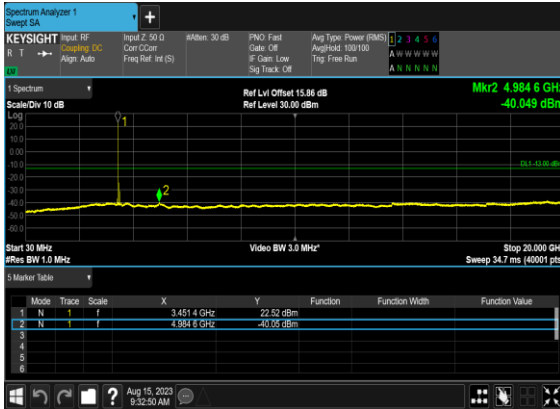
N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N78(30M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



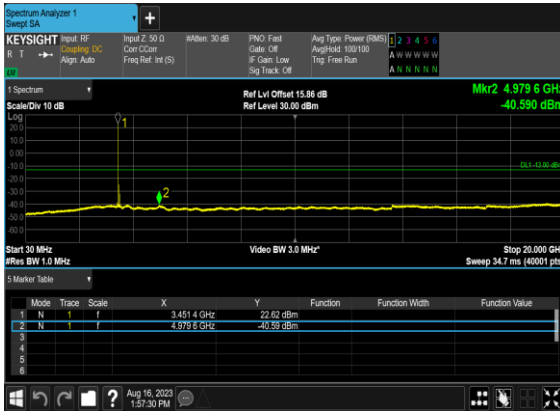
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



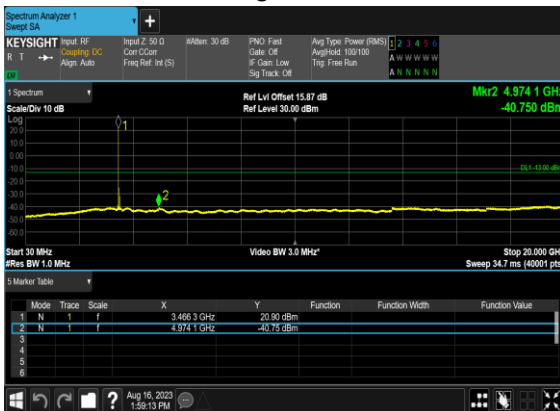
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



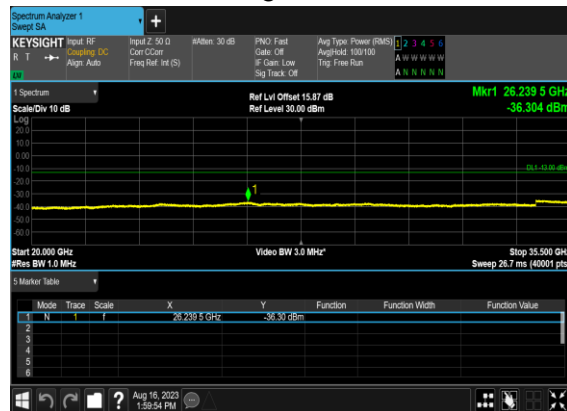
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



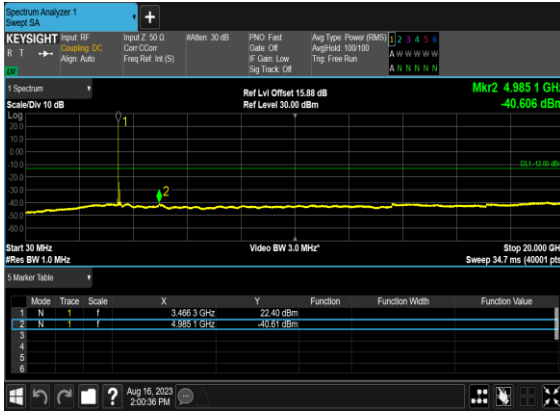
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



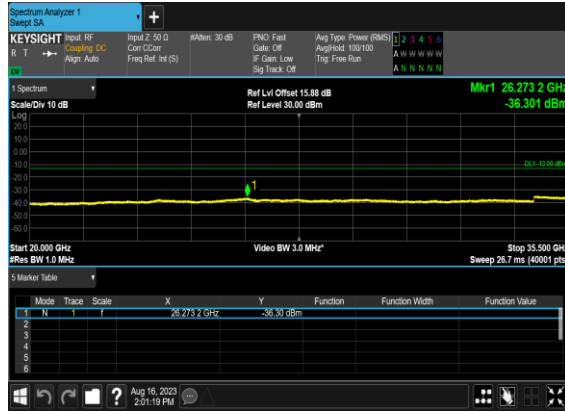
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



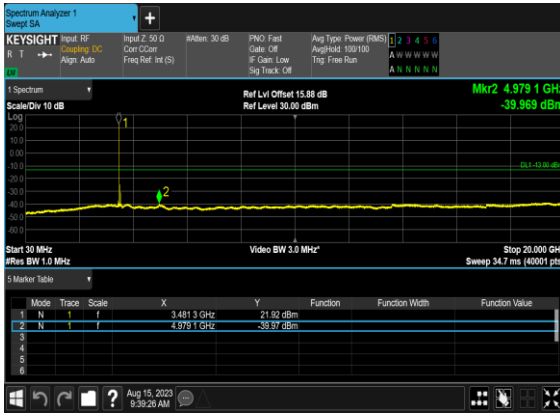
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



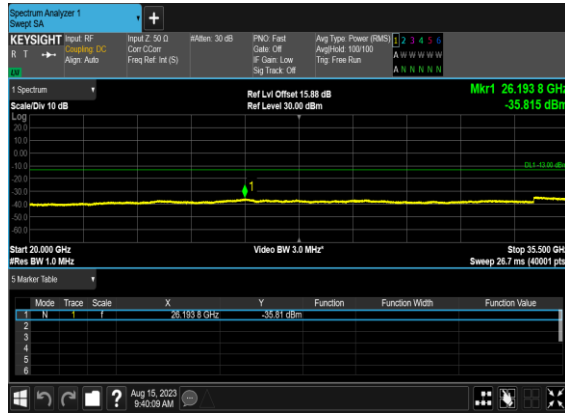
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



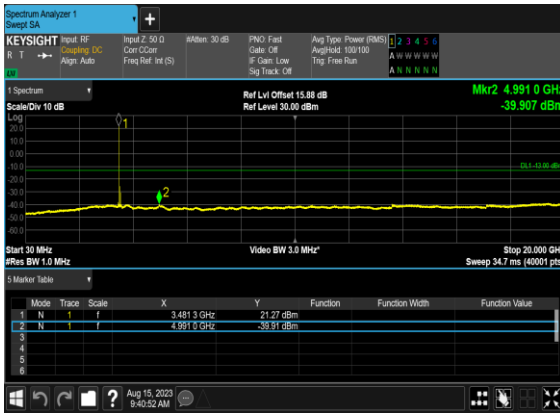
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



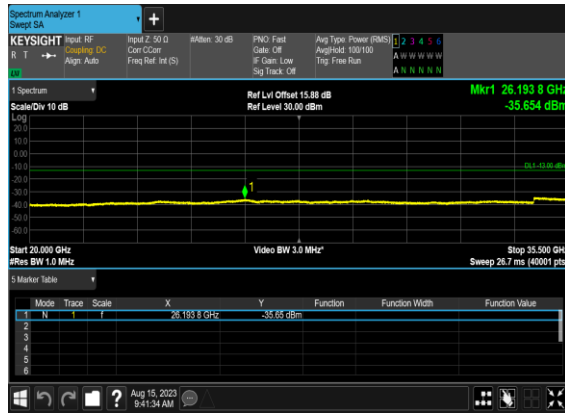
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



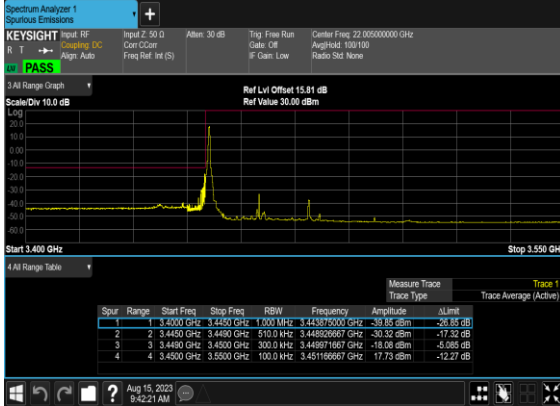
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	30	631000	3465.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	30	631000	3465.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	30	631000	3465.0	DFT-s-OFDM BPSK	75@0	see graph	PASS
78	30	30	631000	3465.0	DFT-s-OFDM QPSK	75@0	see graph	PASS
78	30	30	635666	3534.99	DFT-s-OFDM BPSK	1@77	see graph	PASS
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	1@77	see graph	PASS
78	30	30	635666	3534.99	DFT-s-OFDM BPSK	75@0	see graph	PASS
78	30	30	635666	3534.99	DFT-s-OFDM QPSK	75@0	see graph	PASS
78	30	70	632334	3485.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	70	632334	3485.01	DFT-s-OFDM BPSK	180@0	see graph	PASS
78	30	70	632334	3485.01	DFT-s-OFDM QPSK	180@0	see graph	PASS
78	30	70	634332	3514.98	DFT-s-OFDM BPSK	1@188	see graph	PASS
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	1@188	see graph	PASS
78	30	70	634332	3514.98	DFT-s-OFDM BPSK	180@0	see graph	PASS
78	30	70	634332	3514.98	DFT-s-OFDM QPSK	180@0	see graph	PASS

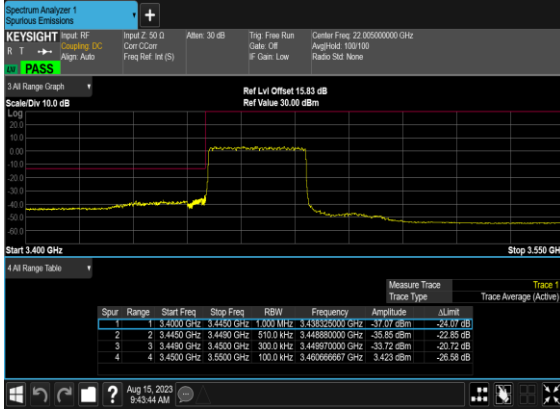
N78(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



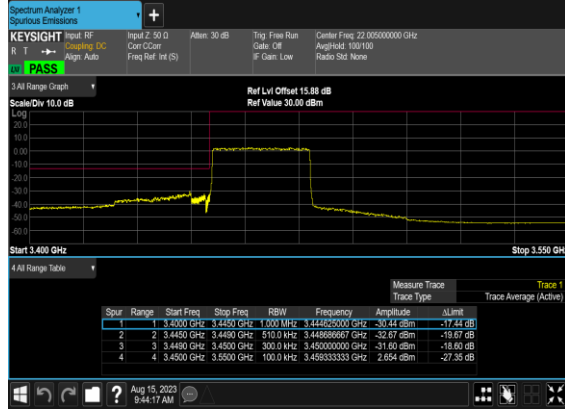
N78(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



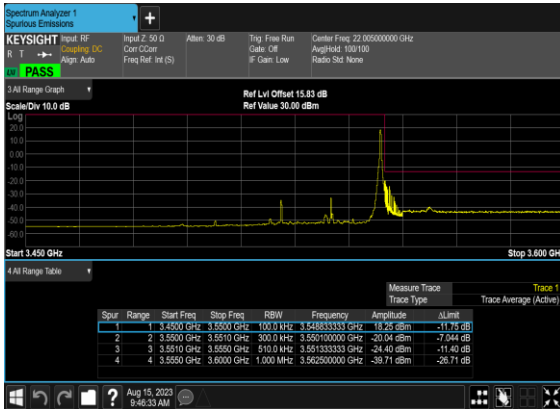
N78(30M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



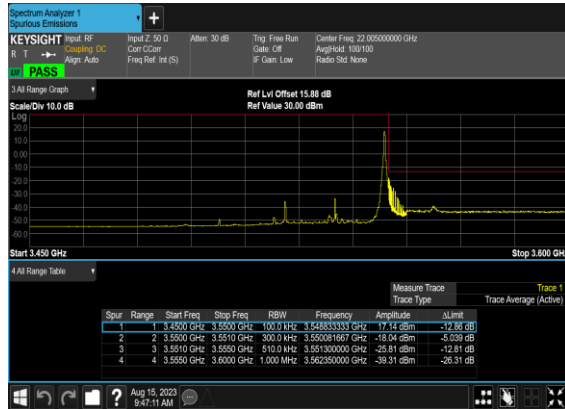
N78(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N78(30M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



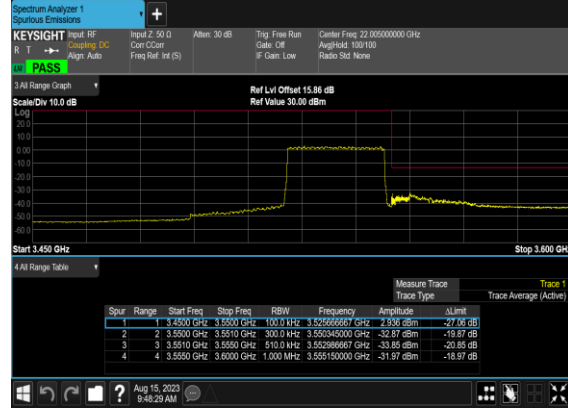
N78(30M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



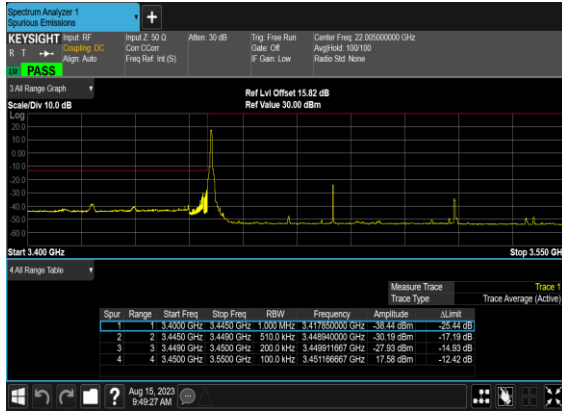
N78(30M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



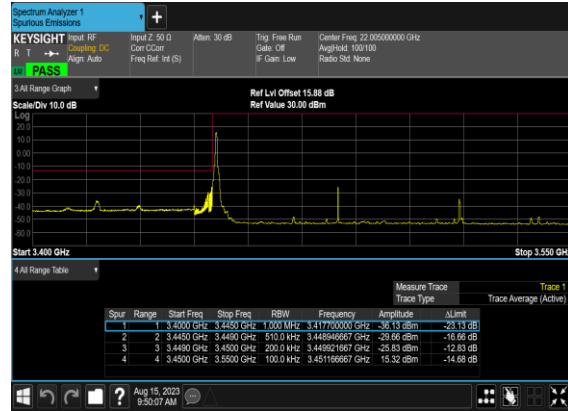
N78(30M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



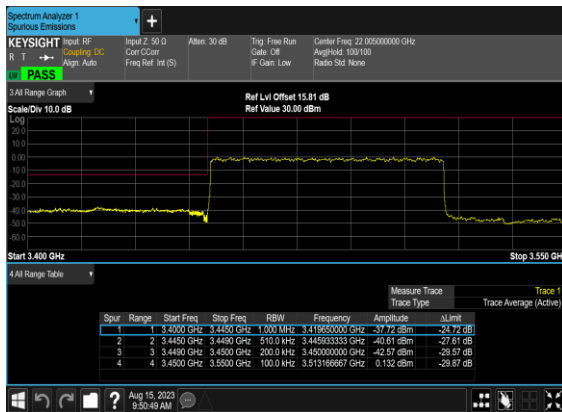
N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



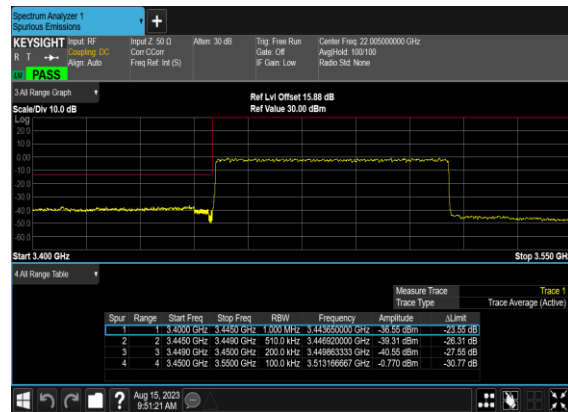
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



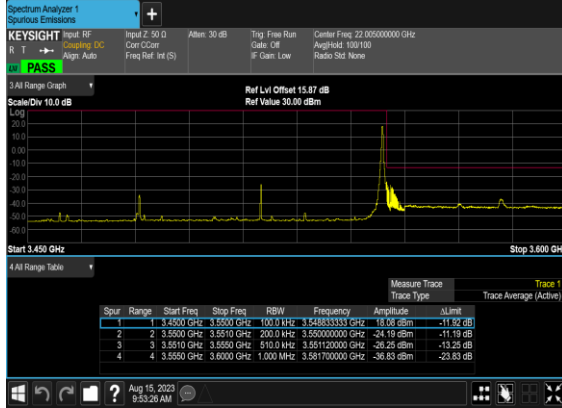
N78(70M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N78(70M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



N78(70M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



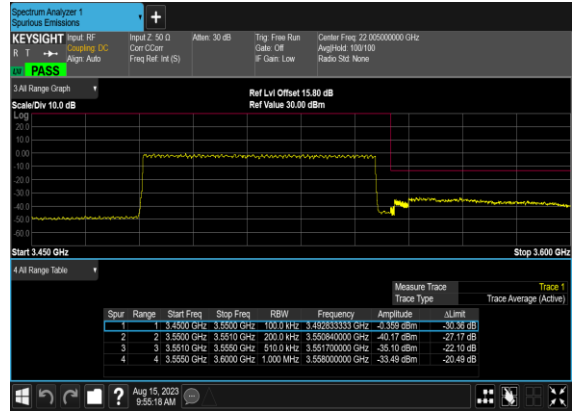
N78(70M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N78(70M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N78(70M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Kuang Jia	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.

SA n77 / 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	7000.02	-61.49	-13	-48.49	-61.06	-64.79	8.30	11.60	H
	10500.03	-57.88	-13	-44.88	-63.63	-59.40	10.48	12.00	H
	14000.04	-52.50	-13	-39.50	-64.13	-54.20	11.80	13.50	H
	7000.02	-61.20	-13	-48.20	-60.98	-64.50	8.30	11.60	V
	10500.03	-58.33	-13	-45.33	-64.04	-59.85	10.48	12.00	V
	14000.04	-53.01	-13	-40.01	-64.25	-54.71	11.80	13.50	V

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

SA n78 / 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	7000.02	-61.43	-13	-48.43	-61.00	-64.73	8.30	11.60	H
	10500.03	-57.45	-13	-44.45	-63.20	-58.97	10.48	12.00	H
	14000.04	-53.43	-13	-40.43	-65.06	-55.13	11.80	13.50	H
	7000.02	-61.02	-13	-48.02	-60.8	-64.32	8.30	11.60	V
	10500.03	-57.67	-13	-44.67	-63.38	-59.19	10.48	12.00	V
	14000.04	-53.67	-13	-40.67	-64.91	-55.37	11.80	13.50	V

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



EN-DC_2A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT2 (LTE) & ANT6 (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 n78 Middle	7000.02	-61.10	-13	-48.10	-60.67	-64.40	8.30	11.60	H
	10500.03	-57.41	-13	-44.41	-63.16	-58.93	10.48	12.00	H
	14000.04	-53.11	-13	-40.11	-64.74	-54.81	11.80	13.50	H
	7000.02	-61.06	-13	-48.06	-60.84	-64.36	8.30	11.60	V
	10500.03	-57.60	-13	-44.60	-63.31	-59.12	10.48	12.00	V
	14000.04	-53.70	-13	-40.70	-64.94	-55.40	11.80	13.50	V
LTE Band2 Middle	3751.18	-62.34	-13	-49.34	-76.78	-69.09	5.85	12.60	H
	5626.77	-61.62	-13	-48.62	-78.47	-67.42	7.30	13.10	H
	7502	-60.38	-13	-47.38	-61.91	-63.53	8.35	11.50	H
	3751.18	-61.96	-13	-48.96	-76.6	-68.71	5.85	12.60	V
	5626.77	-62.02	-13	-49.02	-78.78	-67.82	7.30	13.10	V
	7502	-60.29	-13	-47.29	-61.73	-63.44	8.35	11.50	V

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

EN-DC_5A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0 (LTE) & ANT6 (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 n78 Middle	7000.02	-61.50	-13	-48.50	-61.07	-64.80	8.30	11.60	H
	10500.03	-57.67	-13	-44.67	-63.42	-59.19	10.48	12.00	H
	14000.04	-53.14	-13	-40.14	-64.77	-54.84	11.80	13.50	H
	7000.02	-60.96	-13	-47.96	-60.74	-64.26	8.30	11.60	V
	10500.03	-57.24	-13	-44.24	-62.95	-58.76	10.48	12.00	V
	14000.04	-53.67	-13	-40.67	-64.91	-55.37	11.80	13.50	V
LTE Band5 Middle	1664.18	-67.14	-13	-54.14	-73.25	-70.39	4.00	9.40	H
	2496.27	-63.17	-13	-50.17	-73.36	-66.74	4.88	10.60	H
	3328.36	-62.25	-13	-49.25	-74.22	-67.18	5.52	12.60	H
	1664.18	-67.35	-13	-54.35	-73.23	-70.60	4.00	9.40	V
	2496.27	-63.79	-13	-50.79	-74.32	-67.36	4.88	10.60	V
	3328.36	-62.19	-13	-49.19	-74.57	-67.12	5.52	12.60	V

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



EN-DC_7A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT3 (LTE) & ANT6 (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 n78 Middle	7000.02	-61.37	-13	-48.37	-60.94	-64.67	8.30	11.60	H
	10500.03	-56.86	-13	-43.86	-62.61	-58.38	10.48	12.00	H
	14000.04	-52.76	-13	-39.76	-64.39	-54.46	11.80	13.50	H
	7000.02	-61.31	-13	-48.31	-61.09	-64.61	8.30	11.60	V
	10500.03	-57.62	-13	-44.62	-63.33	-59.14	10.48	12.00	V
	14000.04	-53.46	-13	-40.46	-64.70	-55.16	11.80	13.50	V
LTE Band7 Middle	5061.18	-60.29	-25	-35.29	-77.71	-65.85	7.14	12.70	H
	7591.77	-60.03	-25	-35.03	-61.28	-63.33	8.30	11.60	H
	10122.36	-57.43	-25	-32.43	-64.37	-58.95	10.48	12.00	H
	5061.18	-60.47	-25	-35.47	-77.82	-66.03	7.14	12.70	V
	7592.50	-60.80	-25	-35.80	-61.83	-64.10	8.30	11.60	V
	10125.00	-57.23	-25	-32.23	-63.69	-58.75	10.48	12.00	V

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

EN-DC_26A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT0 (LTE) & ANT6 (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 n78 Middle	7000.02	-61.48	-13	-48.48	-61.05	-64.78	8.30	11.60	H
	10500.03	-57.72	-13	-44.72	-63.47	-59.24	10.48	12.00	H
	14000.04	-53.41	-13	-40.41	-65.04	-55.11	11.80	13.50	H
	7000.02	-61.00	-13	-48.00	-60.78	-64.30	8.30	11.60	V
	10500.03	-57.74	-13	-44.74	-63.45	-59.26	10.48	12.00	V
	14000.04	-53.84	-13	-40.84	-65.08	-55.54	11.80	13.50	V
LTE Band26 Middle	1664	-66.67	-13	-53.67	-72.78	-69.92	4.00	9.40	H
	2496	-63.93	-13	-50.93	-74.12	-67.50	4.88	10.60	H
	3328	-63.45	-13	-50.45	-75.43	-68.38	5.52	12.60	H
	1664	-67.38	-13	-54.38	-73.27	-70.63	4.00	9.40	V
	2496	-63.50	-13	-50.50	-74.03	-67.07	4.88	10.60	V
	3328	-62.72	-13	-49.72	-75.11	-67.65	5.52	12.60	V

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

EN-DC_38A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT3 (LTE) & ANT6 (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 n78 Middle	7000.02	-61.16	-13	-48.16	-60.73	-64.46	8.30	11.60	H
	10500.03	-57.69	-13	-44.69	-63.44	-59.21	10.48	12.00	H
	14000.04	-53.17	-13	-40.17	-64.80	-54.87	11.80	13.50	H
	7000.02	-61.02	-13	-48.02	-60.8	-64.32	8.30	11.60	V
	10500.03	-57.57	-13	-44.57	-63.28	-59.09	10.48	12.00	V
	14000.04	-53.53	-13	-40.53	-64.77	-55.23	11.80	13.50	V
LTE Band38 Middle	5181.00	-60.62	-25	-35.62	-77.90	-66.18	7.14	12.70	H
	7771.50	-58.83	-25	-33.83	-60.44	-62.13	8.30	11.60	H
	10362.00	-57.05	-25	-32.05	-63.24	-58.57	10.48	12.00	H
	5181.00	-60.83	-25	-35.83	-78.06	-66.39	7.14	12.70	V
	7771.50	-58.89	-25	-33.89	-60.49	-62.19	8.30	11.60	V
	10362.00	-57.32	-25	-32.32	-63.31	-58.84	10.48	12.00	V

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

EN-DC_41A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT3 (LTE) & ANT6 (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 n78 Middle	7000.02	-61.29	-13	-48.29	-60.86	-64.59	8.30	11.60	H
	10500.03	-57.70	-13	-44.70	-63.45	-59.22	10.48	12.00	H
	14000.04	-53.29	-13	-40.29	-64.92	-54.99	11.80	13.50	H
	7000.02	-61.02	-13	-48.02	-60.8	-64.32	8.30	11.60	V
	10500.03	-57.86	-13	-44.86	-63.57	-59.38	10.48	12.00	V
	14000.04	-54.07	-13	-41.07	-65.31	-55.77	11.80	13.50	V
LTE Band41 Middle	5177.00	-61.50	-25	-36.50	-78.78	-67.06	7.14	12.70	H
	7765.50	-59.56	-25	-34.56	-61.16	-62.86	8.30	11.60	H
	10354.00	-57.13	-25	-32.13	-63.34	-58.65	10.48	12.00	H
	5177.00	-61.52	-25	-36.52	-78.74	-67.08	7.14	12.70	V
	7765.50	-59.31	-25	-34.31	-60.89	-62.61	8.30	11.60	V
	10354.00	-57.73	-25	-32.73	-63.74	-59.25	10.48	12.00	V

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



EN-DC_66A_n78A / LTE 10MHz + NR 100MHz / QPSK / ANT3 (LTE) & ANT6 (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 n78 Middle	7000.02	-61.17	-13	-48.17	-60.74	-64.47	8.30	11.60	H
	10500.03	-57.64	-13	-44.64	-63.39	-59.16	10.48	12.00	H
	14000.04	-53.16	-13	-40.16	-64.79	-54.86	11.80	13.50	H
	7000.02	-60.98	-13	-47.98	-60.76	-64.28	8.30	11.60	V
	10500.03	-57.89	-13	-44.89	-63.6	-59.41	10.48	12.00	V
	14000.04	-54.17	-13	-41.17	-65.41	-55.87	11.80	13.50	V
LTE Band66 Middle	3481	-61.92	-13	-48.92	-74.64	-68.77	5.65	12.50	H
	5221.5	-61.46	-13	-48.46	-78.39	-67.13	7.13	12.80	H
	6962	-61.38	-13	-48.38	-60.77	-64.78	8.40	11.80	H
	3481	-61.80	-13	-48.80	-75.06	-68.65	5.65	12.50	V
	5221.5	-61.74	-13	-48.74	-78.62	-67.41	7.13	12.80	V
	6962	-62.12	-13	-49.12	-61.61	-65.52	8.40	11.80	V

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