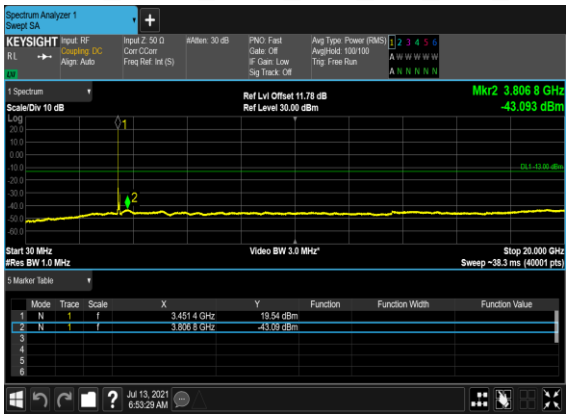
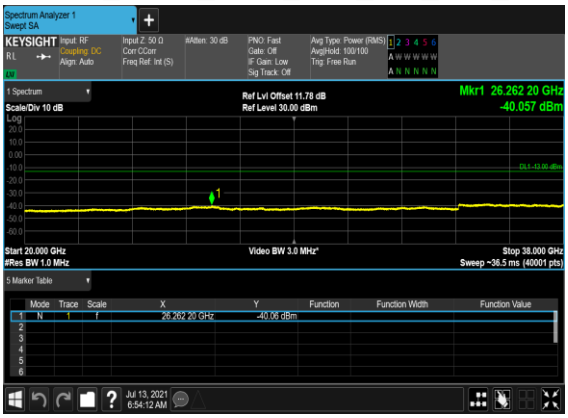
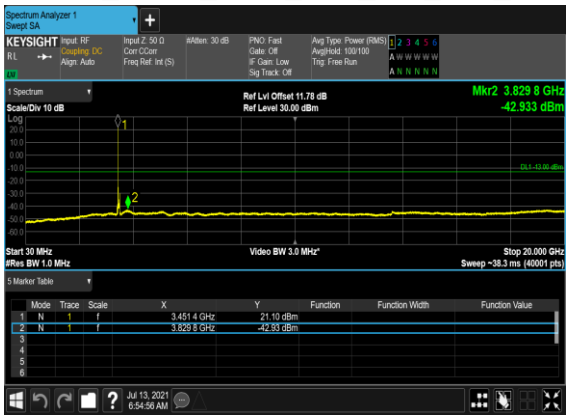
B5_N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



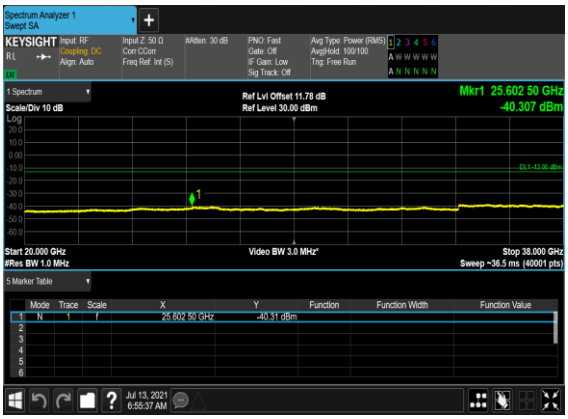
B5_N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



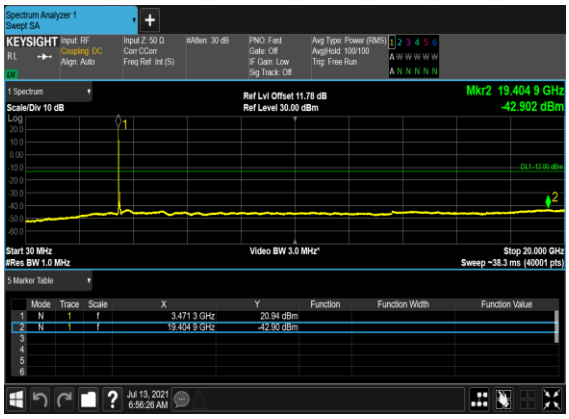
B5_N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



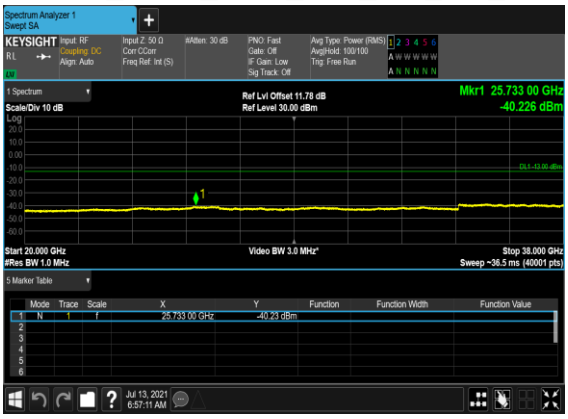
B5_N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



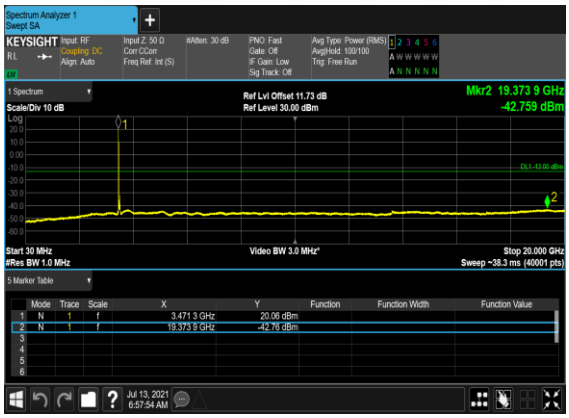
B5_N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



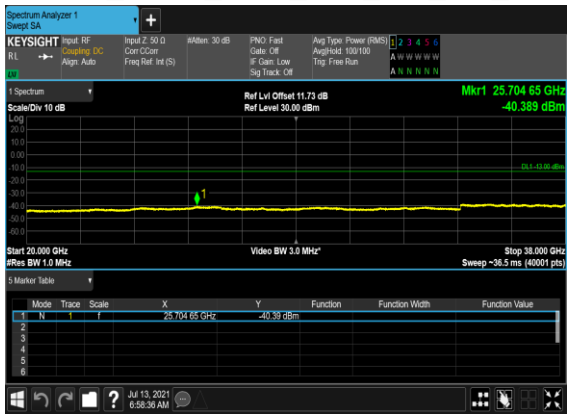
B5_N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



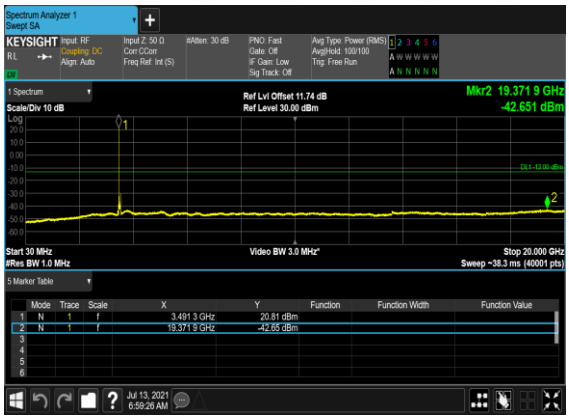
B5_N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B5_N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

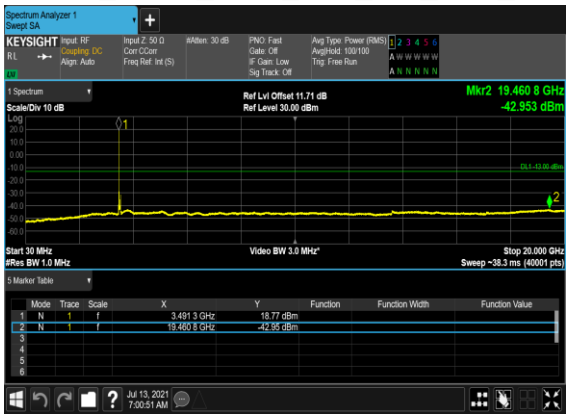


B5_N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



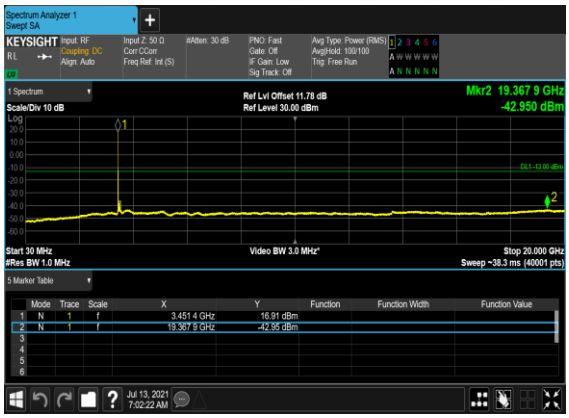
B5_N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH

B5_N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

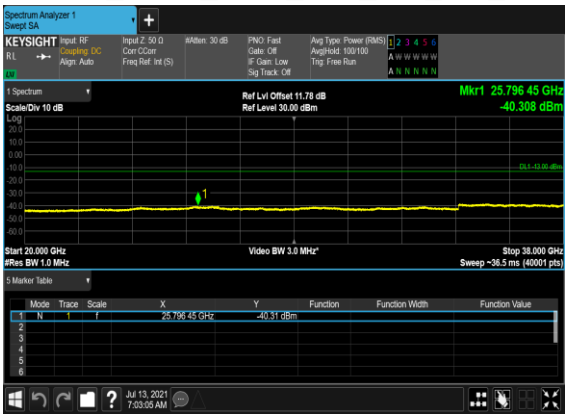


B5_N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

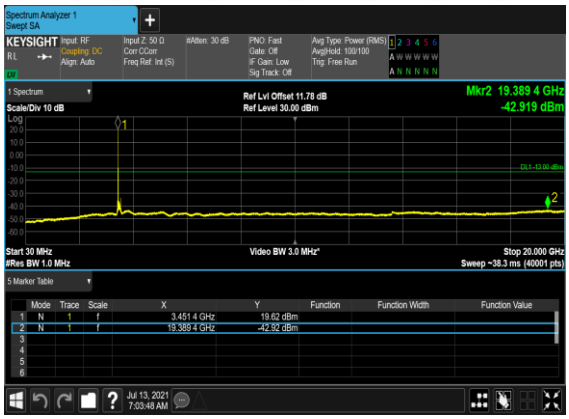
B5_N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



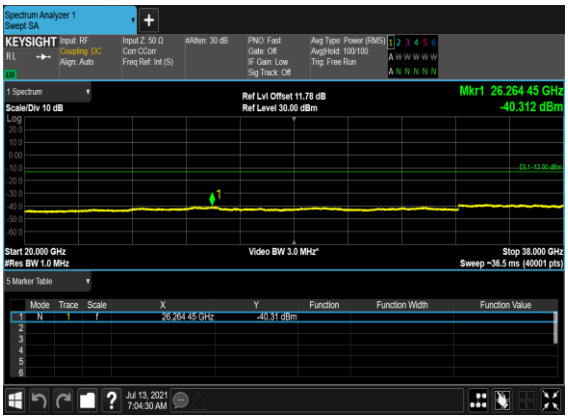
B5_N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B5_N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



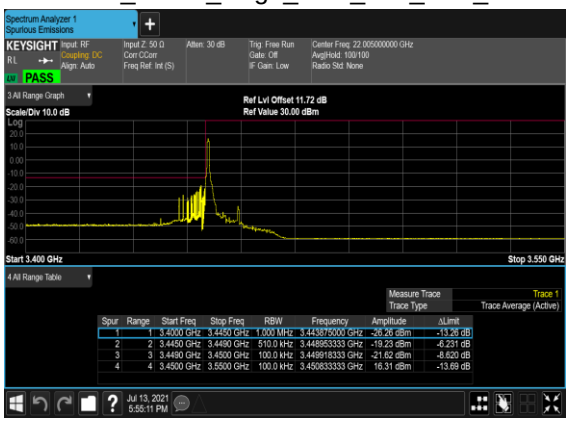
B5_N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



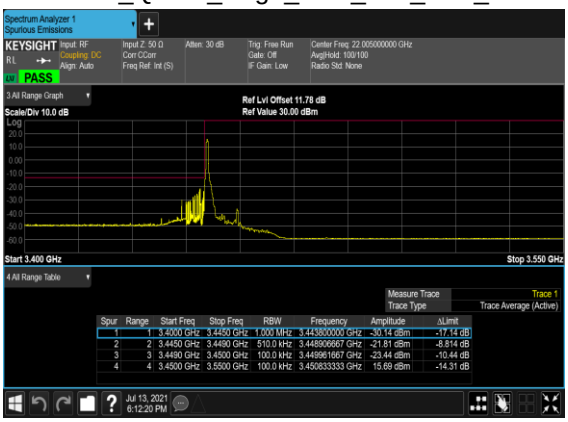
Conducted Band Edge

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	60	632000	3480.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	632000	3480.0	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	1@161	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	1@161	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	634666	3519.99	DFT-s-OFDM QPSK	162@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

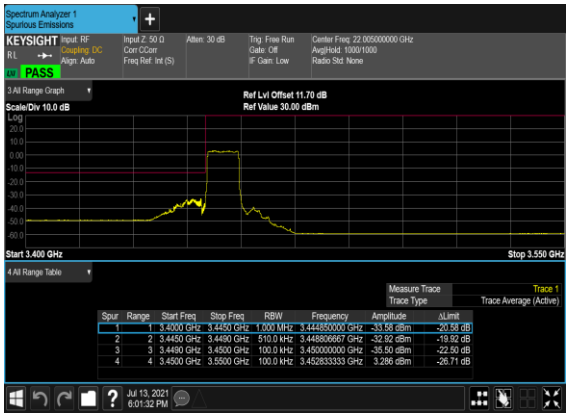
B5_N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



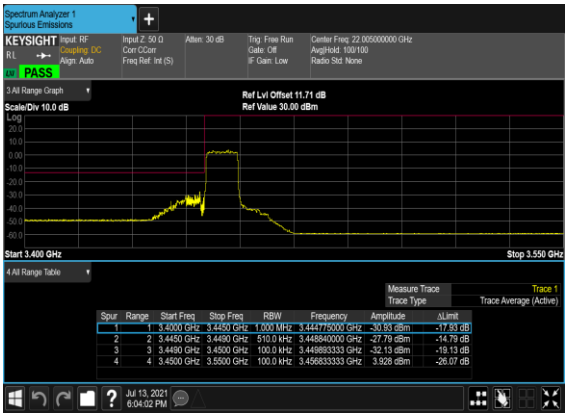
B5_N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



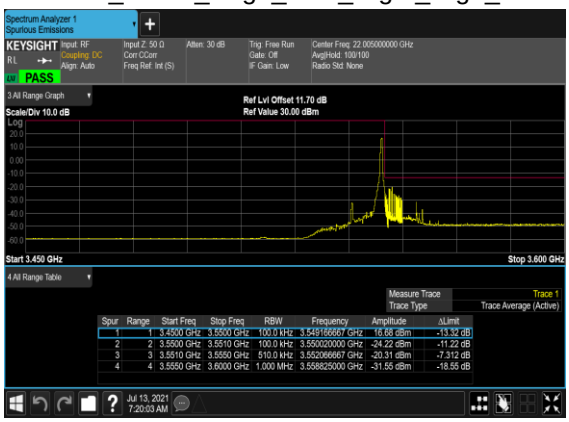
B5_N78(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



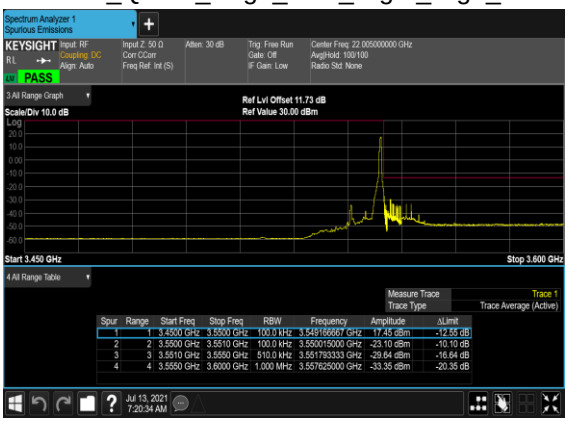
B5_N78(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



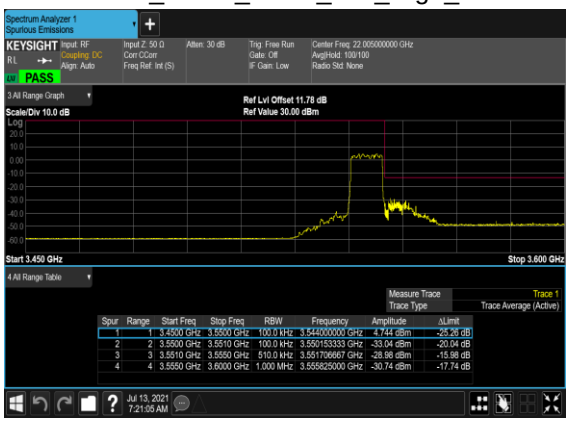
B5_N78(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



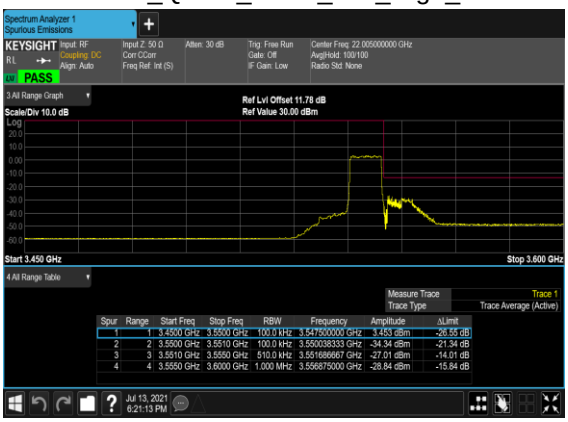
B5_N78(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



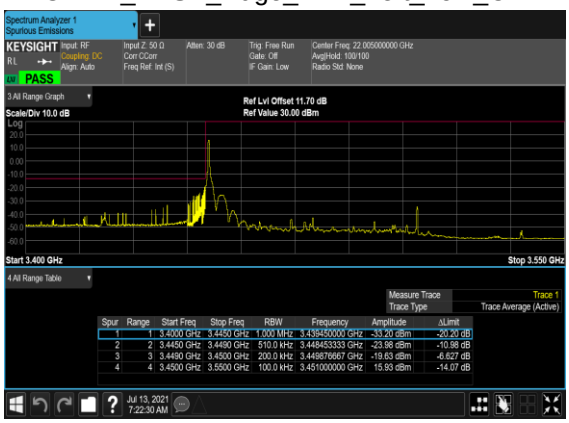
B5_N78(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



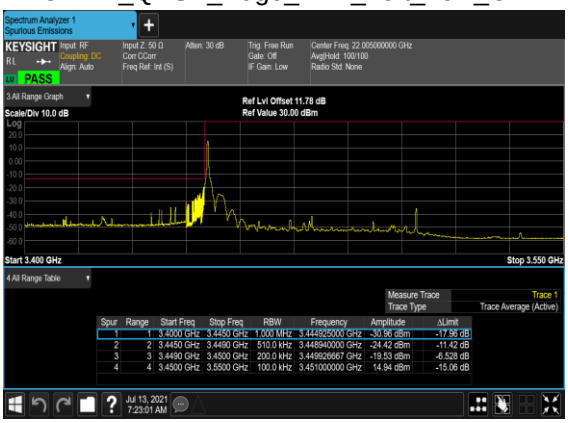
B5_N78(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



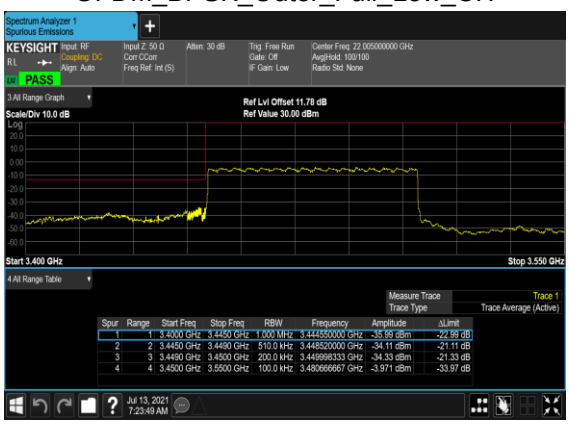
B5_N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



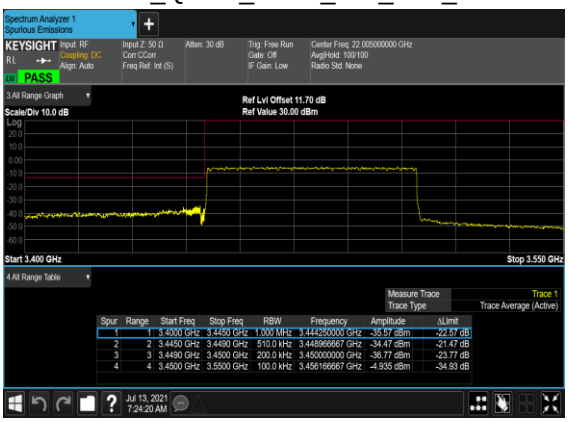
B5_N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



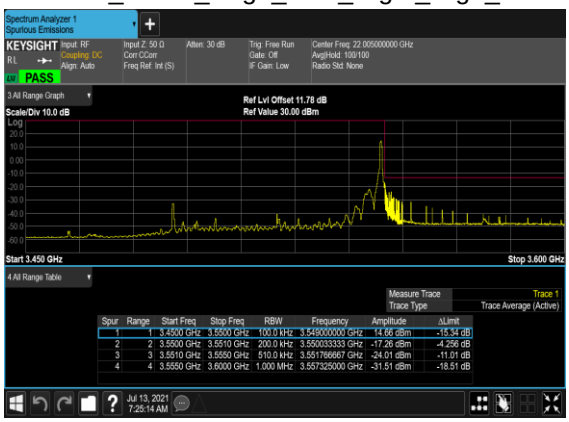
B5_N78(60M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



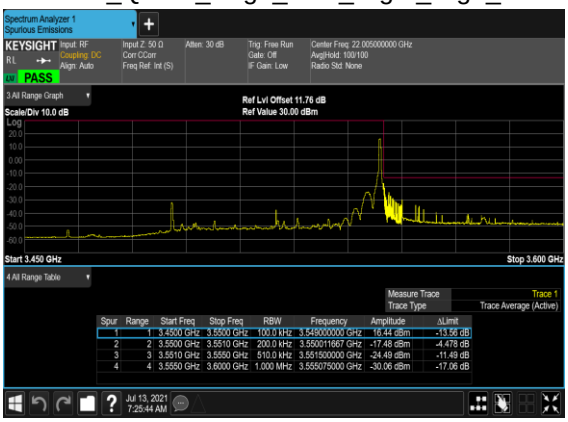
B5_N78(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



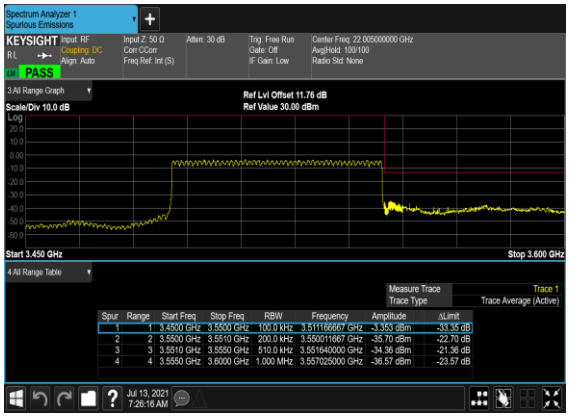
B5_N78(60M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



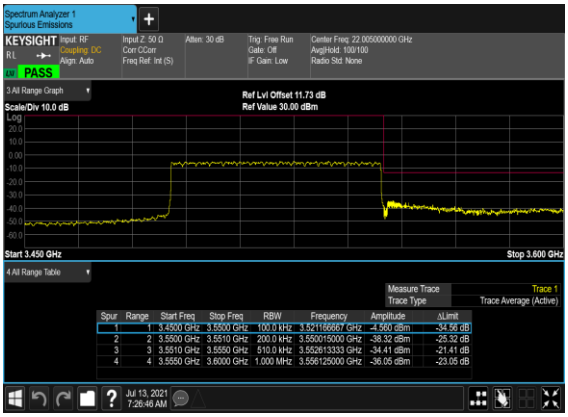
B5_N78(60M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



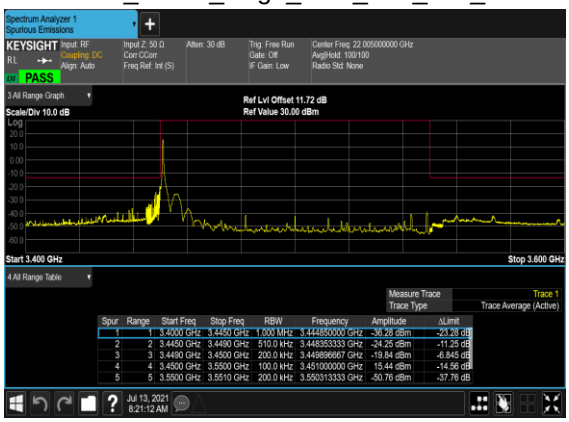
B5_N78(60M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



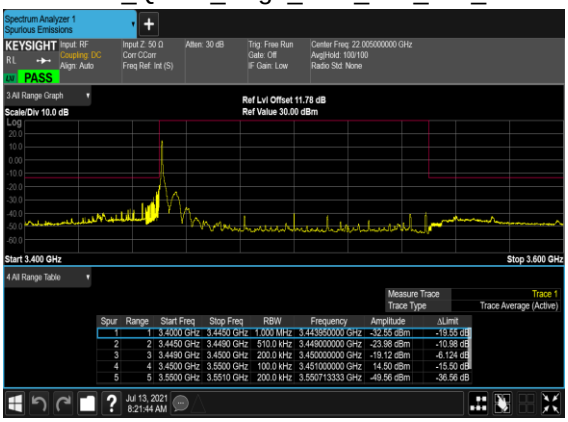
B5_N78(60M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



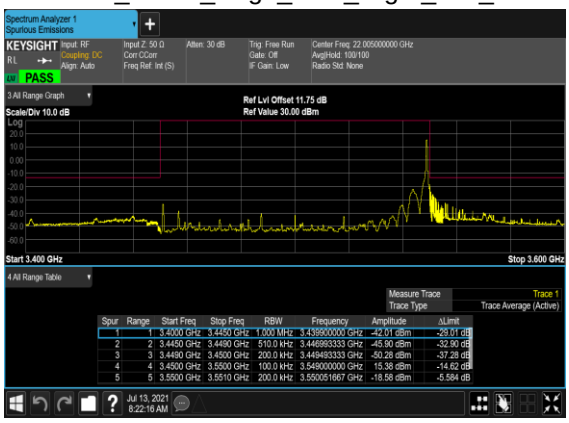
B5_N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



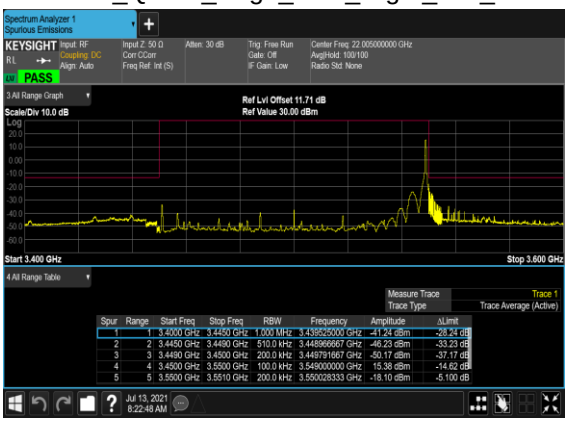
B5_N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



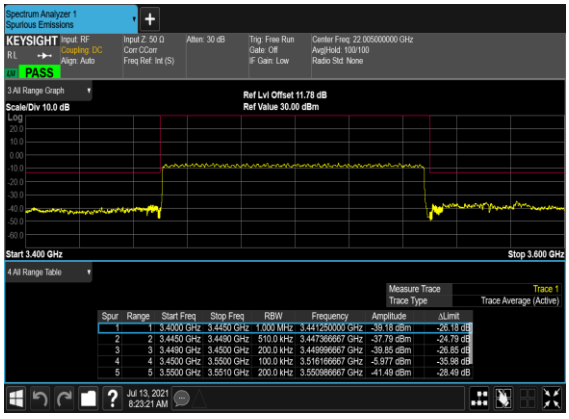
B5_N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_Mid_CH



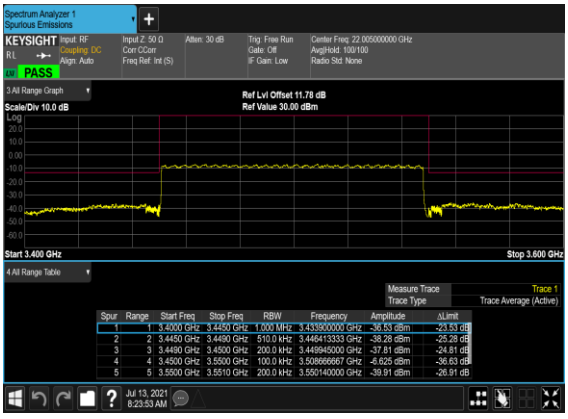
B5_N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_Mid_CH



B5_N78(100M)_DFT-s-OFDM_BPSK_Outer_Full_Mid_CH



B5_N78(100M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

EN-DC_41A_n77A / LTE 20MHz + NR 100MHz / QPSK DFT-s-OFDM								
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	6900	-62.30	-13	-49.30	-72.78	2.76	13.24	H
	10356	-58.80	-13	-45.80	-68.39	3.42	13.01	H
	13806	-52.80	-13	-39.80	-62.41	3.83	13.44	H
	6900	-61.65	-13	-48.65	-72.09	2.80	13.24	V
	10356	-57.90	-13	-44.90	-67.45	3.46	13.01	V
	13806	-53.14	-13	-40.14	-62.70	3.88	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 DFT-s-OFDM								
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	6900	-62.17	-13	-49.17	-72.65	2.76	13.24	H
	10350	-57.17	-13	-44.17	-66.76	3.42	13.01	H
	13818	-58.41	-13	-45.41	-68.02	3.83	13.44	H
	6900	-62.53	-13	-49.53	-72.97	2.80	13.24	V
	10350	-58.18	-13	-45.18	-67.73	3.46	13.01	V
	13818	-58.74	-13	-45.74	-68.30	3.88	13.44	V

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

EN-DC_7A_n78A / LTE 20MHz + NR 100MHz / QPSK DFT-s-OFDM								
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	6900	-61.59	-13	-48.59	-72.07	2.76	13.24	H
	10368	-60.03	-13	-47.03	-69.62	3.42	13.01	H
	13806	-54.00	-13	-41.00	-63.61	3.83	13.44	H
	6900	-62.66	-13	-49.66	-73.10	2.80	13.24	V
	10368	-60.25	-13	-47.25	-69.80	3.46	13.01	V
	13806	-53.45	-13	-40.45	-63.01	3.88	13.44	V

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

EN-DC_38A_n78A / LTE 20MHz + NR 100MHz / QPSK DFT-s-OFDM								
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	6900	-62.87	-13	-49.87	-73.35	2.76	13.24	H
	10368	-59.82	-13	-46.82	-69.41	3.42	13.01	H
	13806	-50.94	-13	-37.94	-60.55	3.83	13.44	H
	6900	-62.92	-13	-49.92	-73.36	2.80	13.24	V
	10368	-59.08	-13	-46.08	-68.63	3.46	13.01	V
	13806	-53.77	-13	-40.77	-63.33	3.88	13.44	V

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

EN-DC_66A_n78A / LTE 20MHz + NR 100MHz / QPSK DFT-s-OFDM								
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	6900	-59.00	-13	-46.00	-69.48	2.76	13.24	H
	10368	-57.07	-13	-44.07	-66.66	3.42	13.01	H
	13806	-55.53	-13	-42.53	-65.14	3.83	13.44	H
	6900	-61.10	-13	-48.10	-71.54	2.80	13.24	V
	10368	-56.04	-13	-43.04	-65.59	3.46	13.01	V
	13806	-53.50	-13	-40.50	-63.06	3.88	13.44	V

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

SA n78 / 100MHz / DFTs OFDM-QPSK								
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	-62.09	-13	-49.09	-72.57	2.76	13.24	H
	10368	-59.49	-13	-46.49	-69.08	3.42	13.01	H
	13818	-58.16	-13	-45.16	-67.77	3.83	13.44	H
	6912	-61.88	-13	-48.88	-72.32	2.80	13.24	V
	10368	-59.99	-13	-46.99	-69.54	3.46	13.01	V
	13818	-58.29	-13	-45.29	-67.85	3.88	13.44	V

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