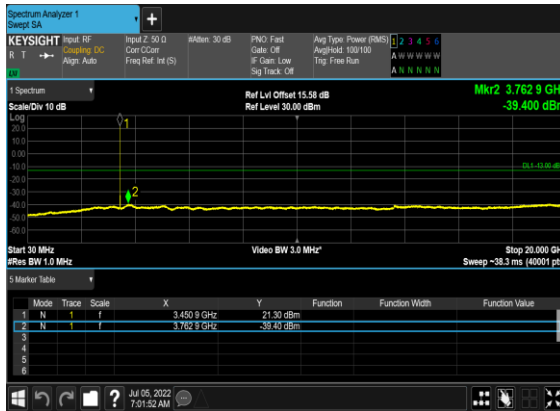
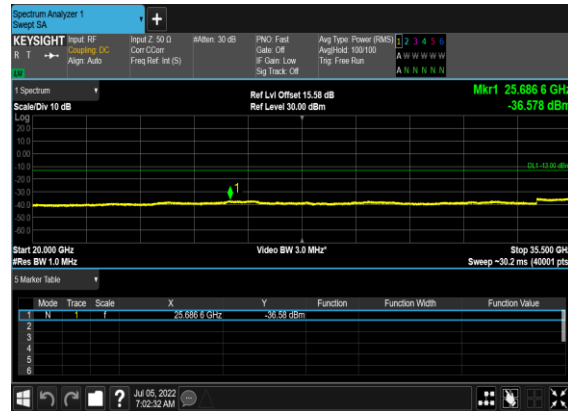


N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



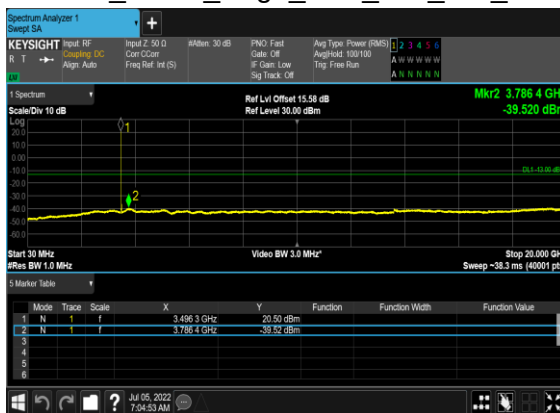
N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



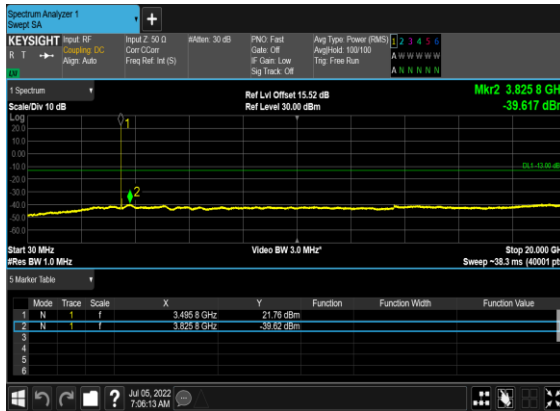
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



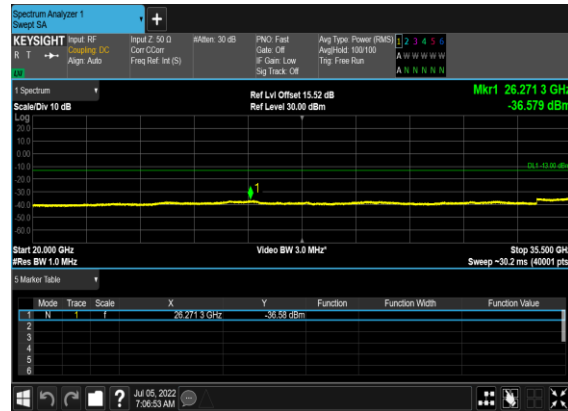
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OFDM_BPSK_Edge_1RB_Left_Mid_CH



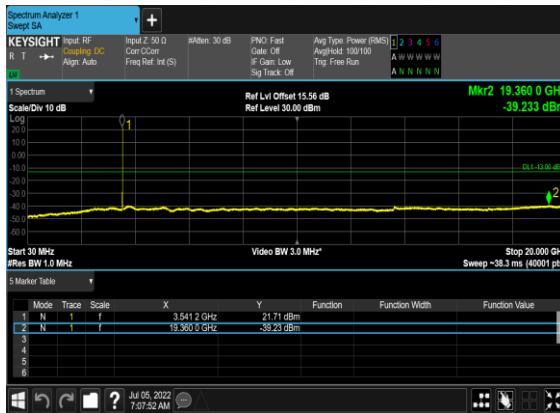
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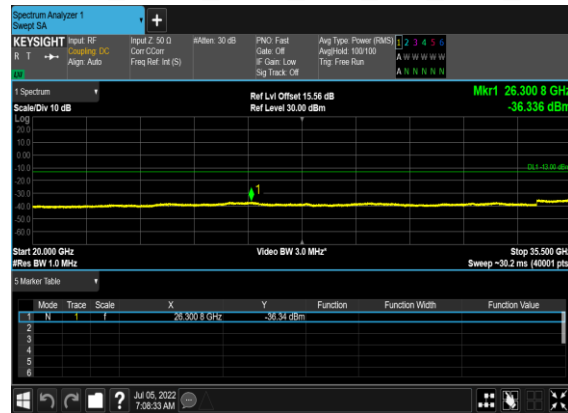
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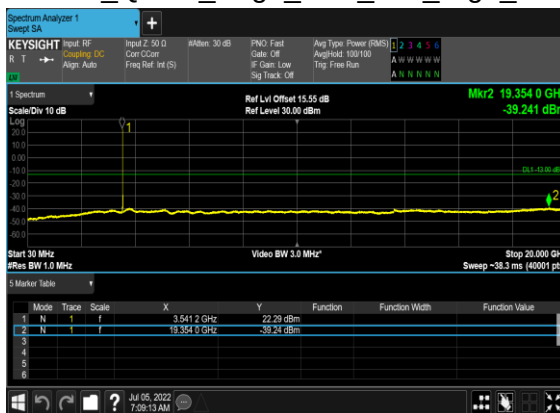
N78(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



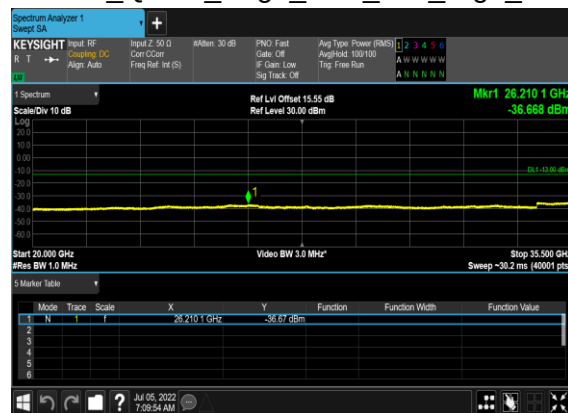
N78(10M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



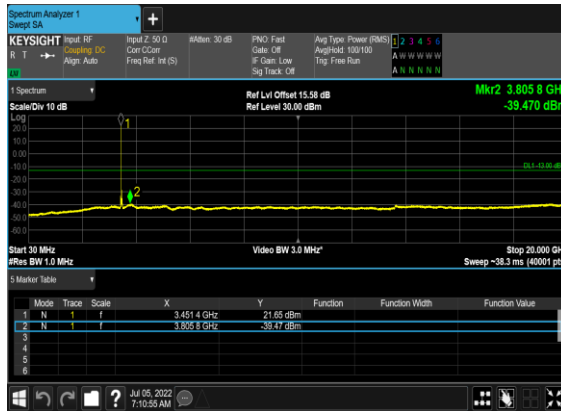
N78(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



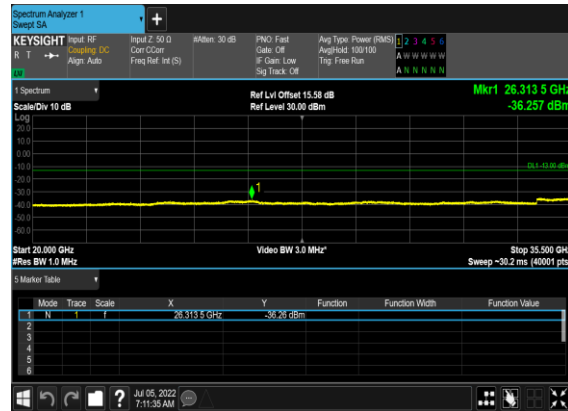
N78(10M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



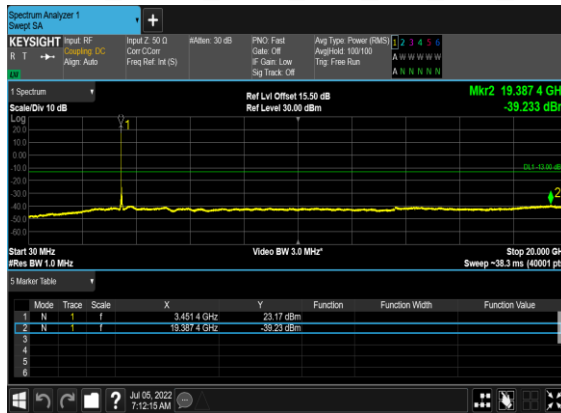
N78(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



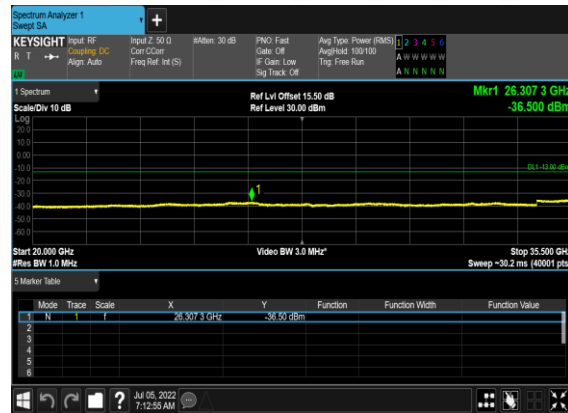
N78(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Low_CH



N78(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



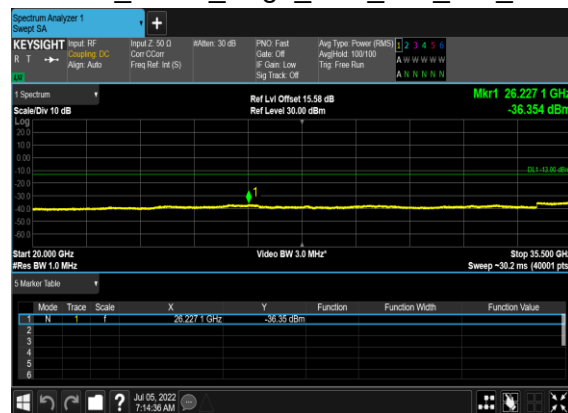
N78(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



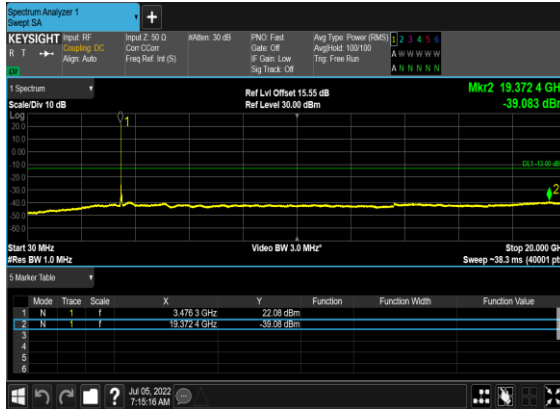
N78(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



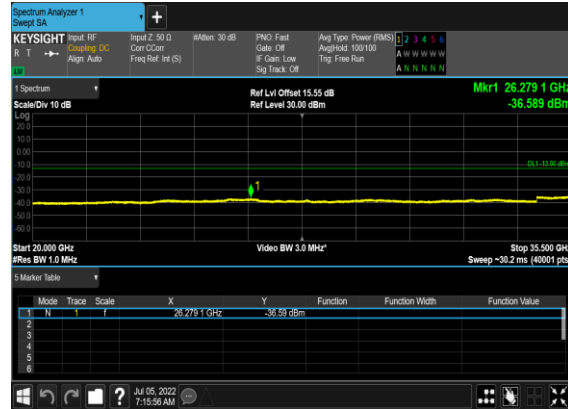
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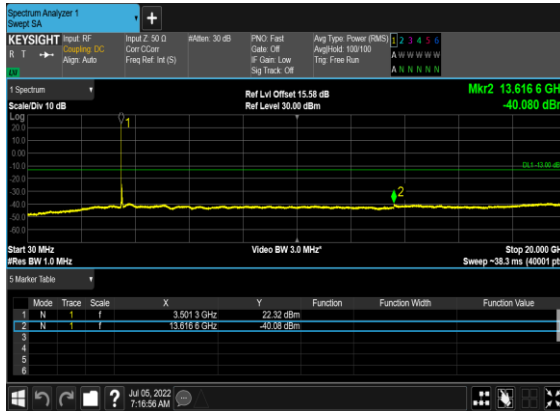
N78(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



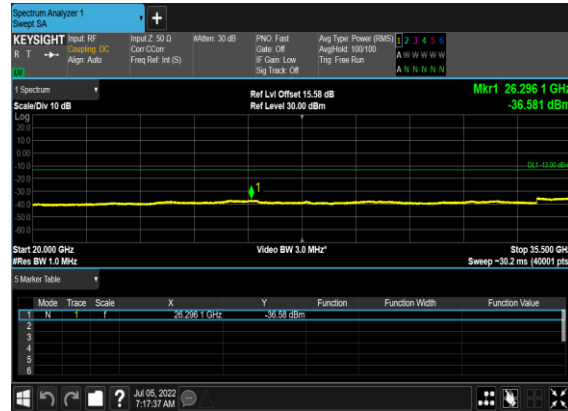
N78(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Mid_CH



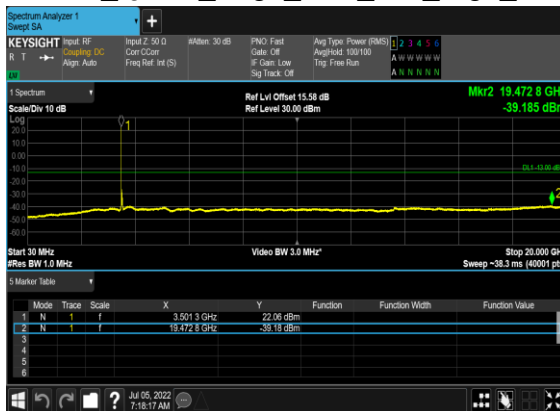
N78(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



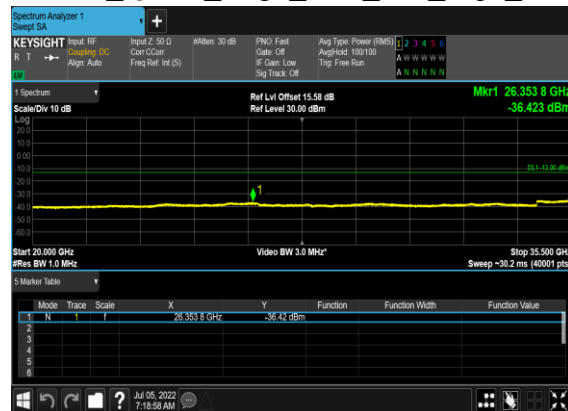
N78(50M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



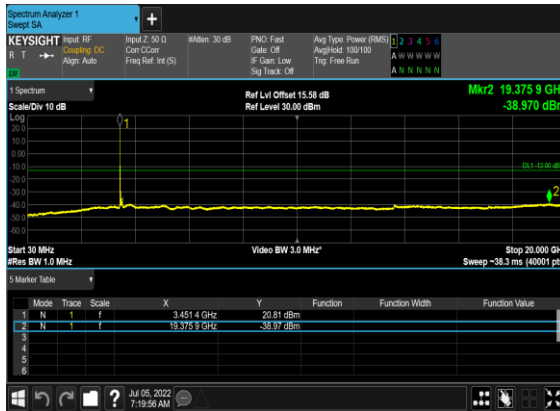
N78(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



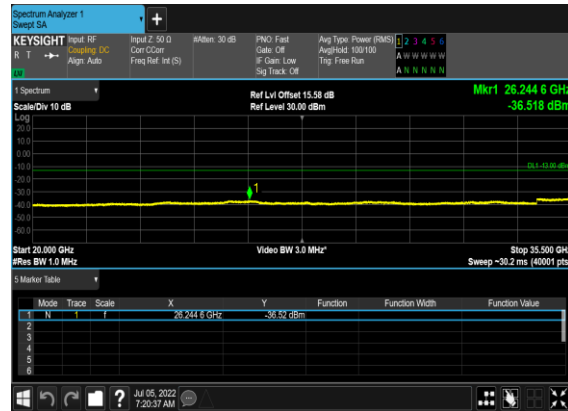
N78(50M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



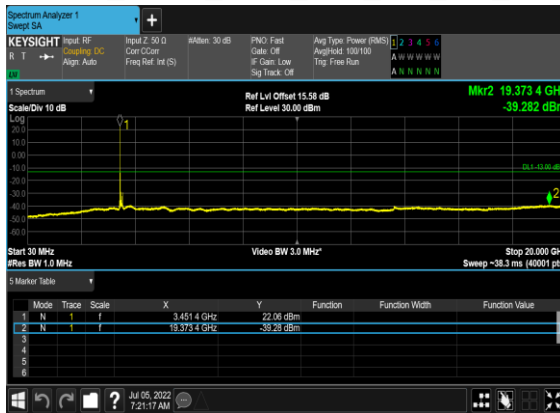
N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



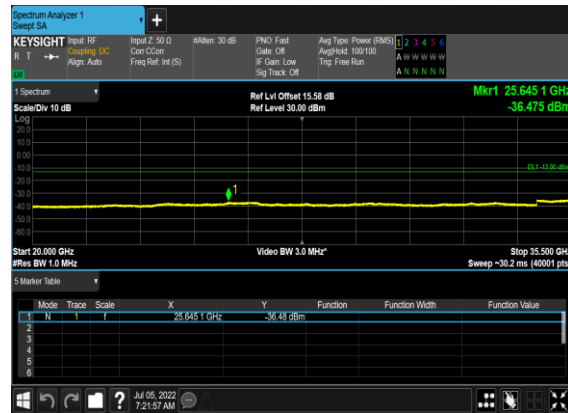
N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



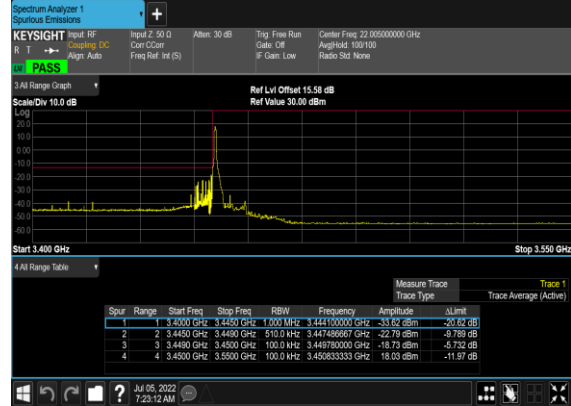
Conducted Band Edge

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

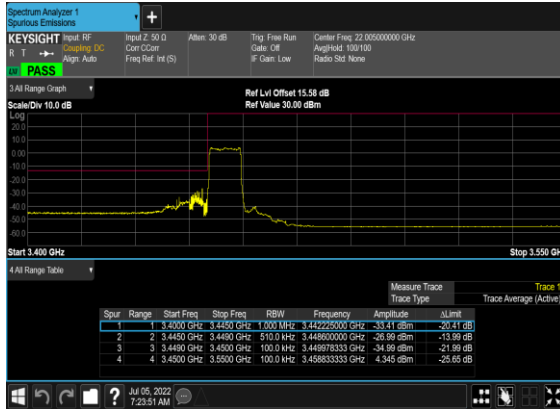
N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



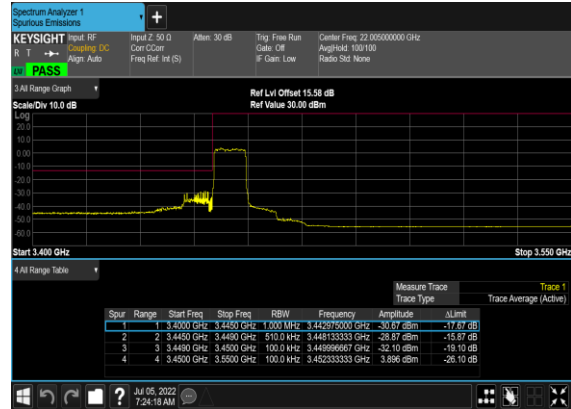
N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



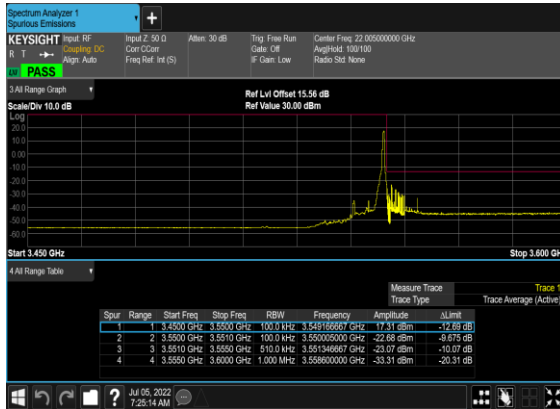
N78(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



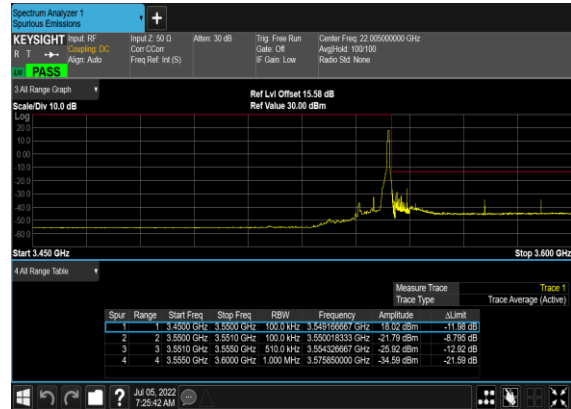
N78(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N78(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



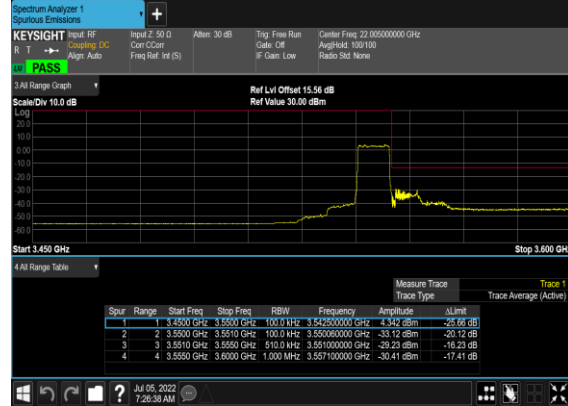
N78(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



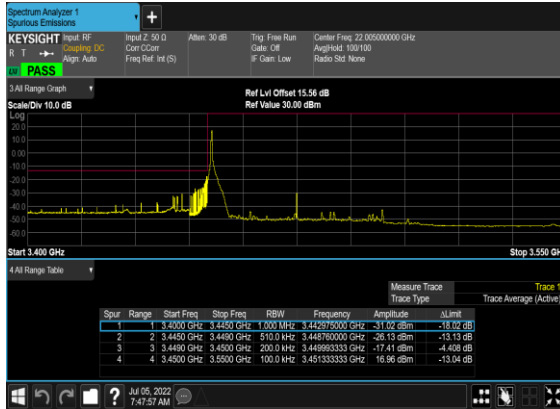
N78(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



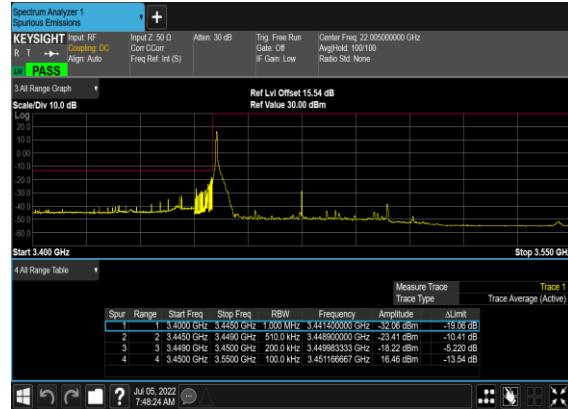
N78(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



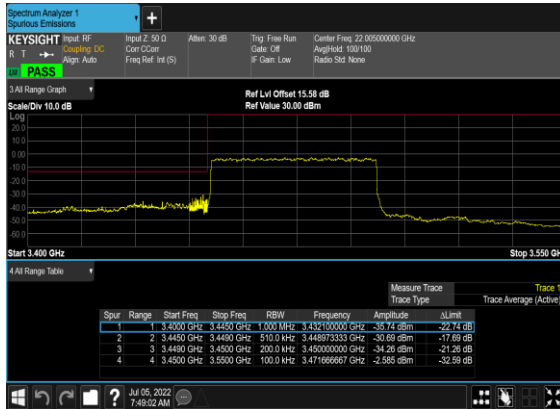
N78(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



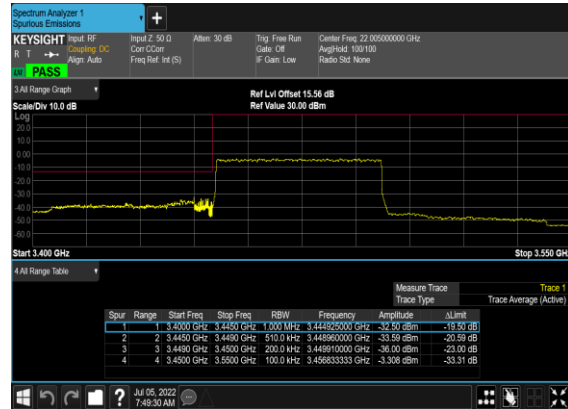
N78(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



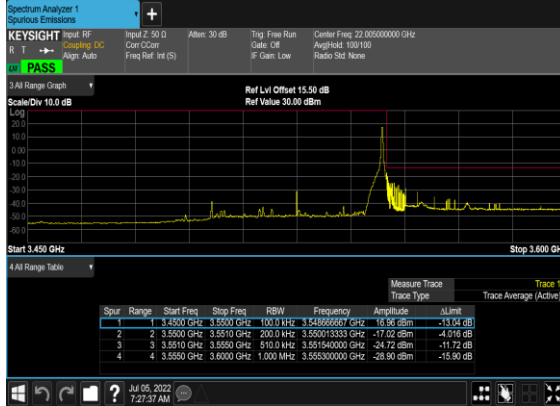
N78(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



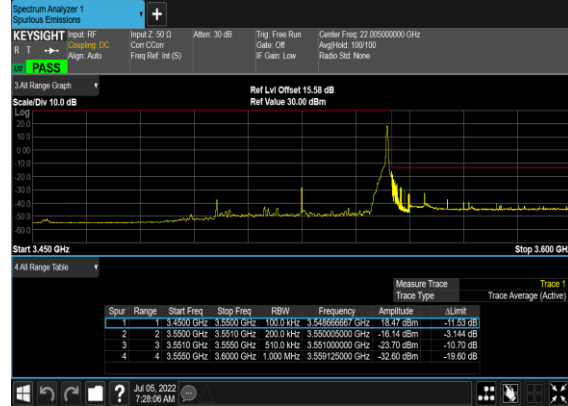
N78(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



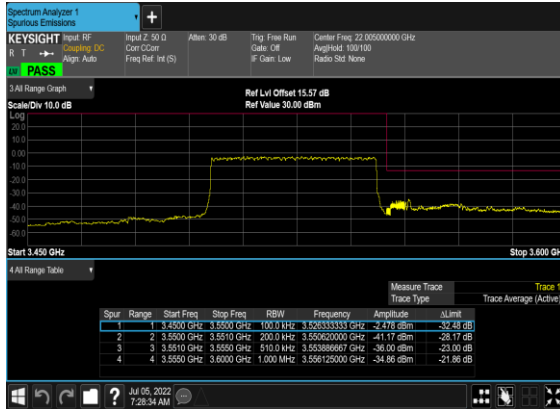
N78(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



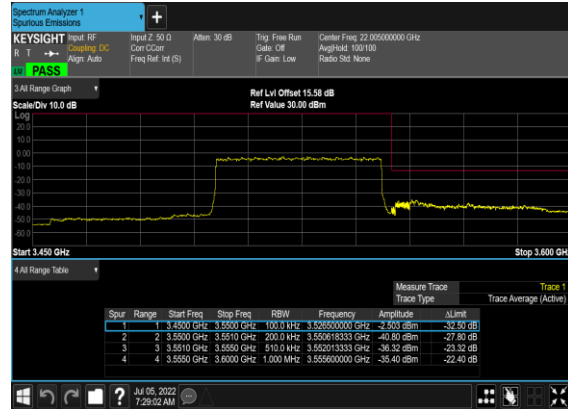
N78(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



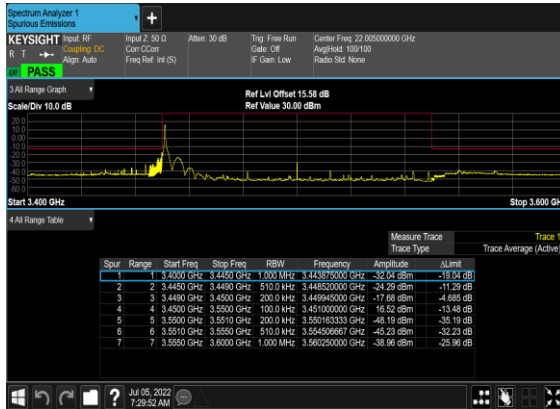
N78(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



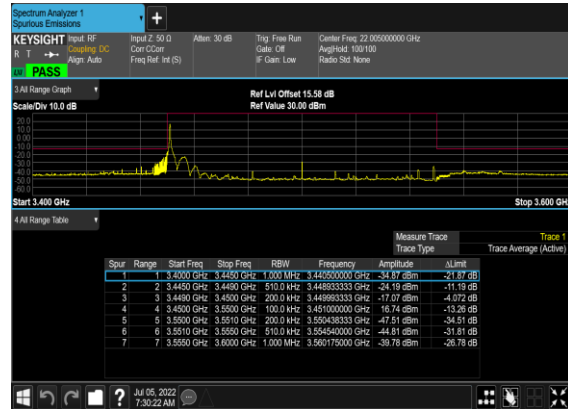
N78(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



N78(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



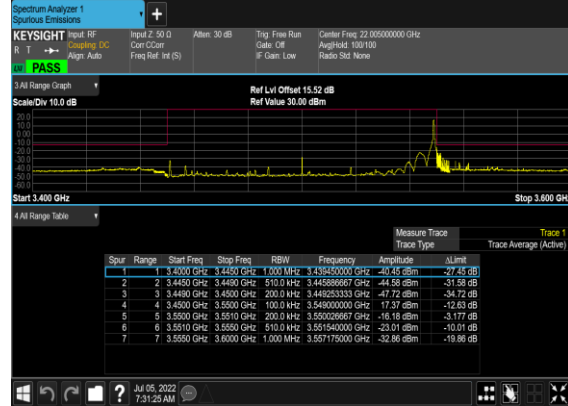
N78(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



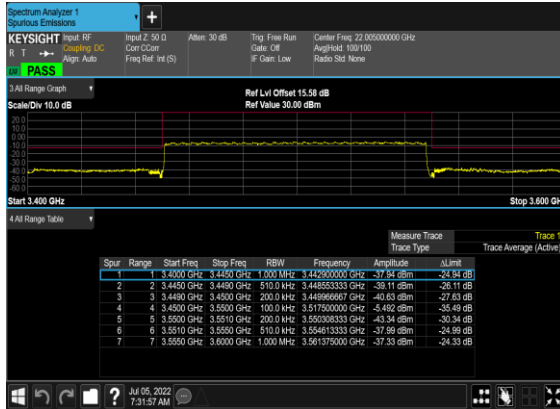
N78(100M)_DFT-s- OFDM_BPSK_Edge_1RB_Right_Mid_CH



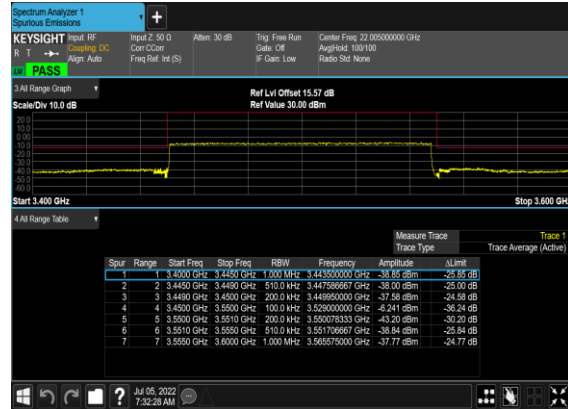
N78(100M)_DFT-s- OFDM_QPSK_Edge_1RB_Right_Mid_CH



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 :	Shiwei Wen	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for testing, we choose the worst antenna mode to test.

SA n77 / 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	6903.00	-59.71	-13	-46.71	-66.31	-63.01	8.30	11.60	H
	10355.50	-56.45	-13	-43.45	-68.20	-57.97	10.48	12.00	H
	13807.00	-55.23	-13	-42.23	-69.38	-56.93	11.80	13.50	H
	6903.00	-58.52	-13	-45.52	-66.4	-61.82	8.30	11.60	V
	10355.50	-50.97	-13	-37.97	-64.52	-52.49	10.48	12.00	V
	13807.00	-56.19	-13	-43.19	-69.15	-57.89	11.80	13.50	V

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

SA n78 / 100MHz / QPSK / ANT12									
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	6906.00	-59.14	-13	-46.14	-65.74	-62.44	8.30	11.60	H
	10359.00	-56.08	-13	-43.08	-67.84	-57.60	10.48	12.00	H
	13812.00	-54.86	-13	-41.86	-68.97	-56.56	11.80	13.50	H
	6906.00	-58.34	-13	-45.34	-66.22	-61.64	8.30	11.60	V
	10359.00	-54.08	-13	-41.08	-67.7	-55.60	10.48	12.00	V
	13812.00	-56.28	-13	-43.28	-69.24	-57.98	11.80	13.50	V

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



EN-DC 41A_n78A / 20MHz + 100MHz / QPSK / ANT13+ANT12									
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)
n78 Middle	6906.00	-58.96	-13	-46.14	-65.56	-62.44	8.30	11.60	H
	10359.00	-55.47	-13	-43.08	-67.23	-57.60	10.48	12.00	H
	13812.00	-55.22	-13	-41.86	-69.33	-56.56	11.80	13.50	H
	6906.00	-57.82	-13	-45.34	-65.7	-61.64	8.30	11.60	V
	10359.00	-53.63	-13	-41.08	-67.25	-55.60	10.48	12.00	V
	13812.00	-56.13	-13	-43.28	-69.09	-57.98	11.80	13.50	V
B41 Middle	5168.00	-60.53	-25	-35.53	-64.79	-66.09	7.14	12.70	H
	7752.00	-58.23	-25	-33.23	-65.81	-61.53	8.30	11.60	H
	10336.00	-56.24	-25	-31.24	-67.97	-57.76	10.48	12.00	H
	5168.00	-59.71	-25	-34.71	-64.47	-65.27	7.14	12.70	V
	7752.00	-55.11	-25	-30.11	-65.78	-58.41	8.30	11.60	V
	10336.00	-54.08	-25	-29.08	-67.56	-55.60	10.48	12.00	V

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