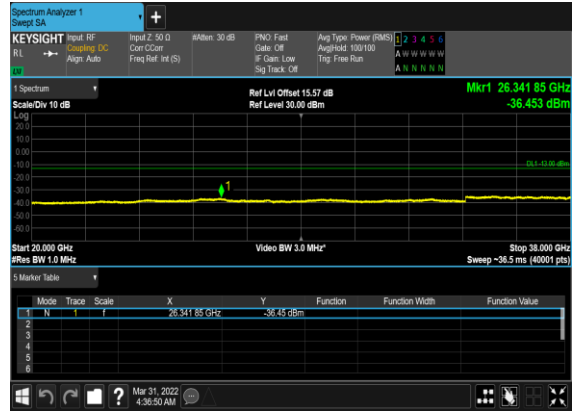


### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



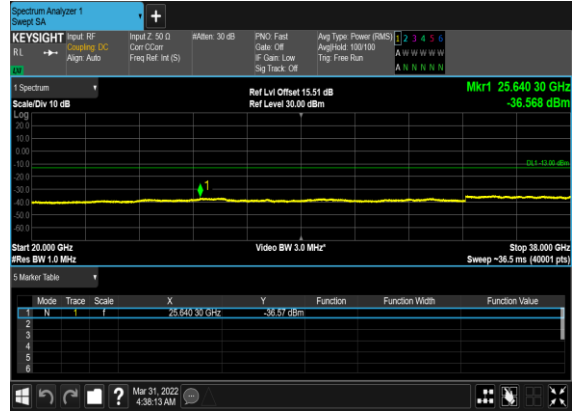
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



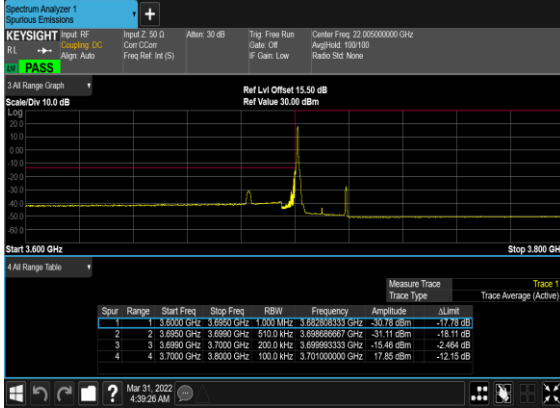
### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



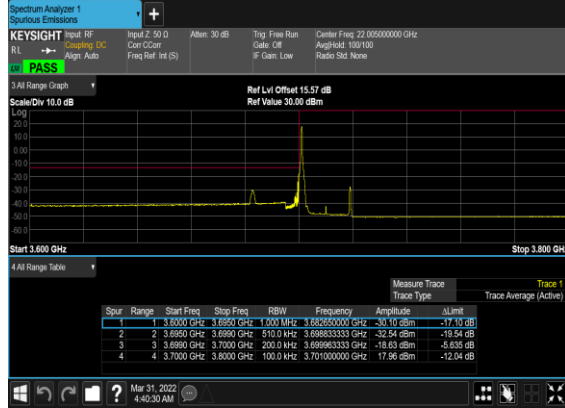
## Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
78	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM BPSK	1@50	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@50	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM BPSK	50@0	see graph	PASS
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM BPSK	1@161	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@161	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM BPSK	162@0	see graph	PASS
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	162@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
78	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

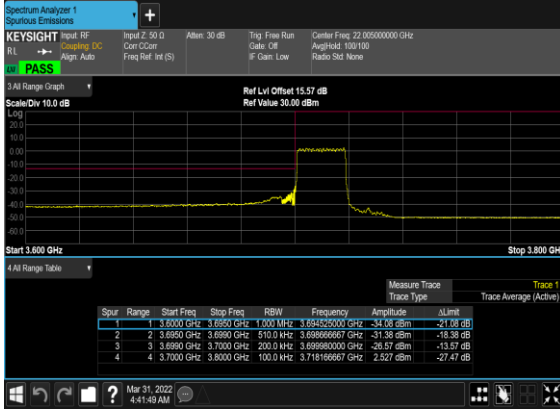
N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



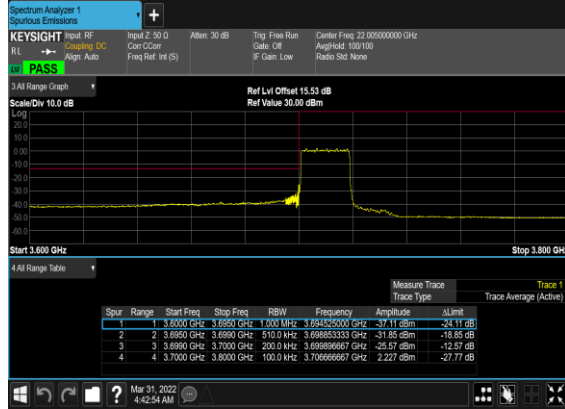
N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



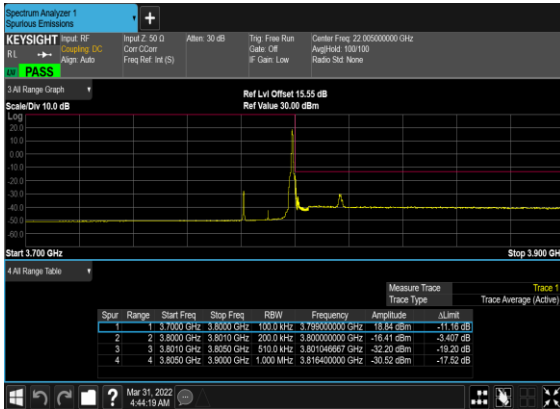
N78(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



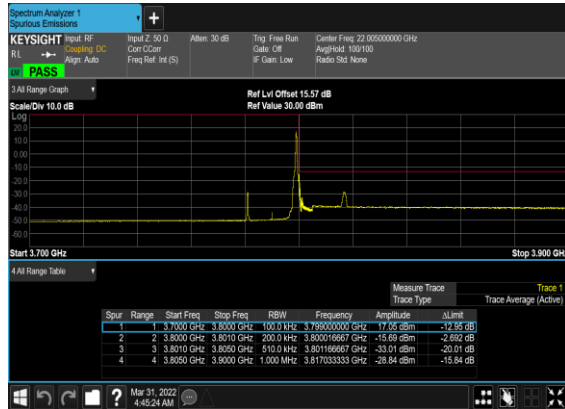
N78(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



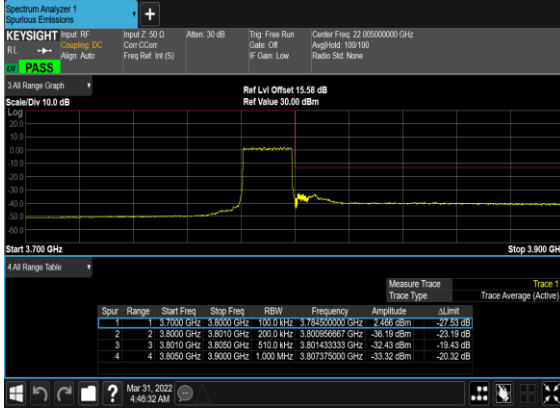
N78(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



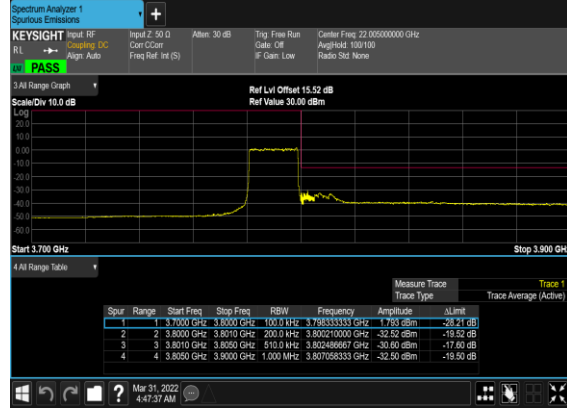
N78(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



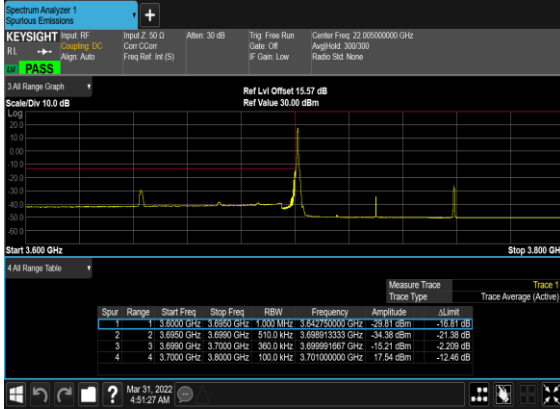
### N78(20M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



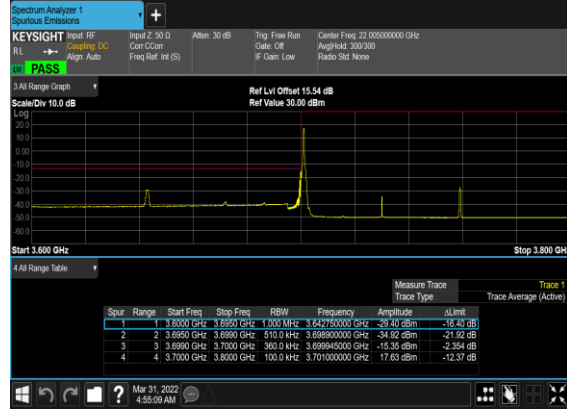
### N78(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



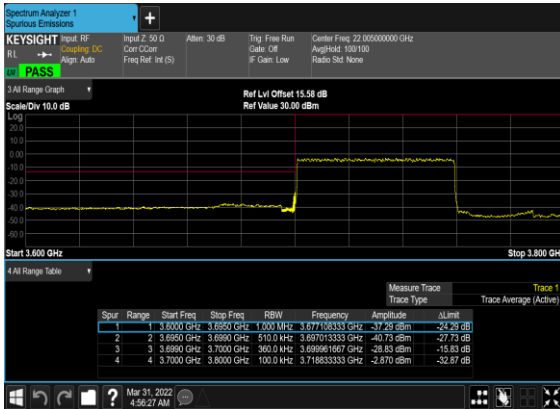
### N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



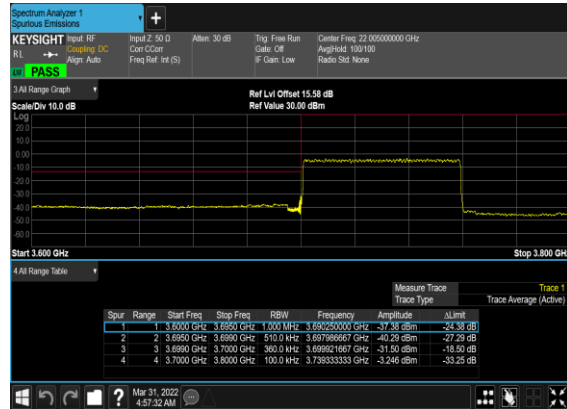
### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



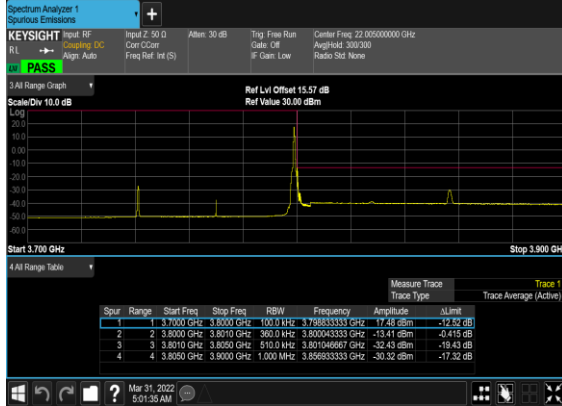
### N78(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



### N78(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



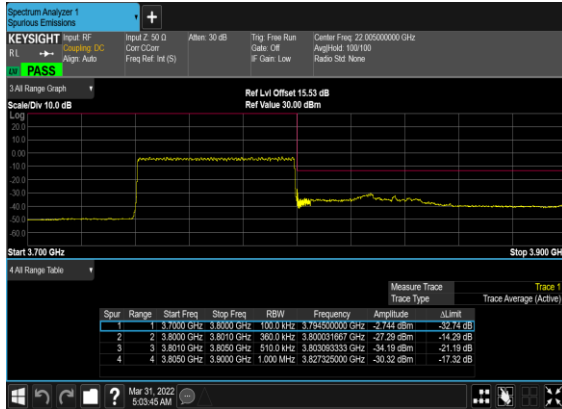
### N78(60M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



### N78(60M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



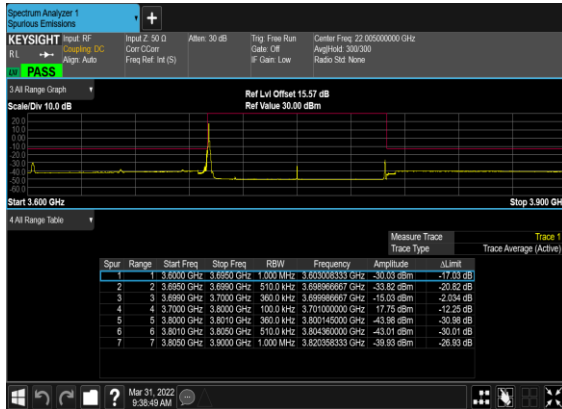
### N78(60M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



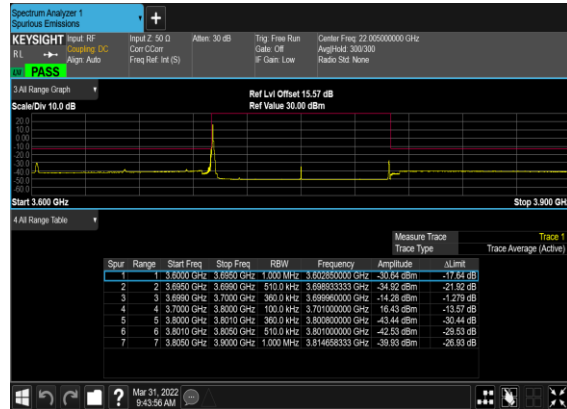
### N78(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



### 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



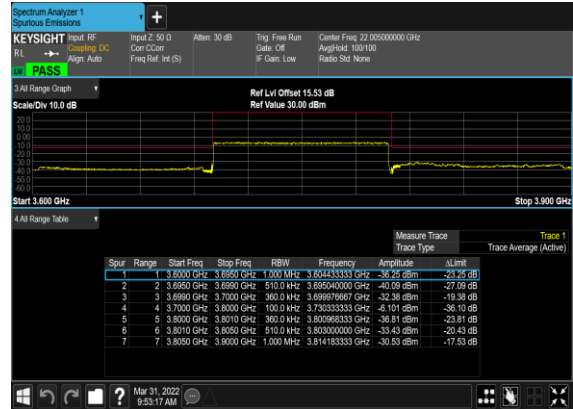
### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



### 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 :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

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

SA n77 / 100MHz / QPSK / ANT24									
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	7680.00	-57.75	-13	-44.75	-65.47	-61.05	8.30	11.60	H
	11520.00	-54.61	-13	-41.61	-68.71	-56.13	10.48	12.00	H
	15360.00	-51.25	-13	-38.25	-68.82	-52.95	11.80	13.50	H
	7680.00	-56.05	-13	-43.05	-65.48	-59.35	8.30	11.60	V
	11520.00	-51.80	-13	-38.80	-68.58	-53.32	10.48	12.00	V
	15360.00	-52.46	-13	-39.46	-69.05	-54.16	11.80	13.50	V

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

SA n78 / 100MHz / QPSK / ANT24									
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	7401.00	-57.80	-13	-44.80	-66.21	-61.10	8.30	11.60	H
	11106.00	-55.22	-13	-42.22	-69.06	-56.74	10.48	12.00	H
	14802.00	-54.63	-13	-41.63	-70.25	-56.33	11.80	13.50	H
	7401.00	-57.91	-13	-44.91	-66.29	-61.21	8.30	11.60	V
	11106.00	-53.34	-13	-40.34	-69.11	-54.86	10.48	12.00	V
	14802.00	-54.38	-13	-41.38	-70.28	-56.08	11.80	13.50	V

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