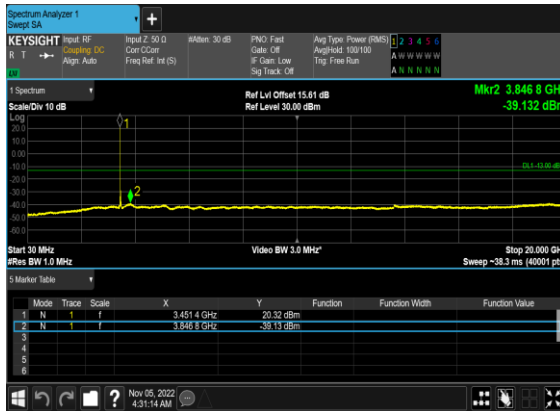
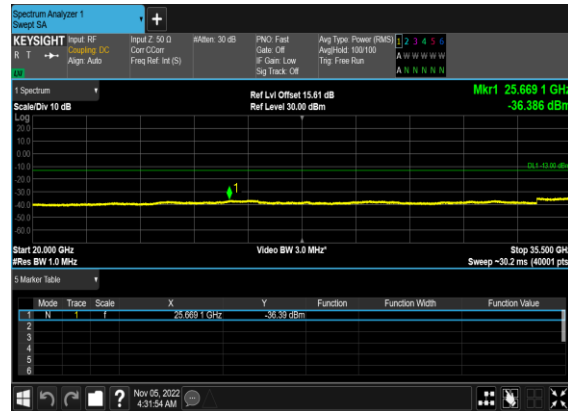


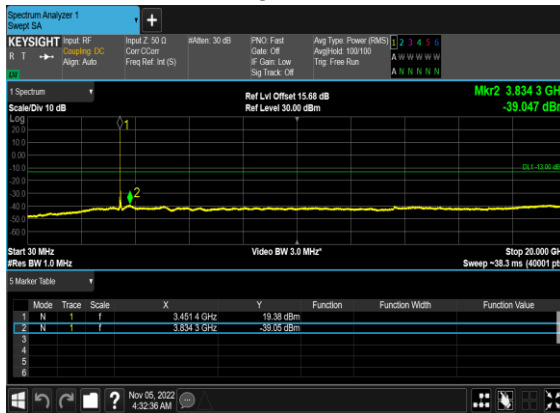
N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



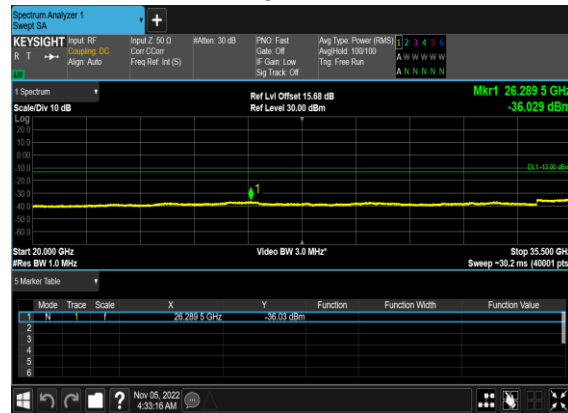
N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



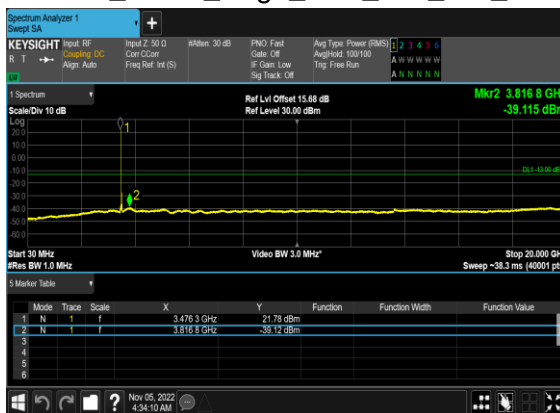
N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



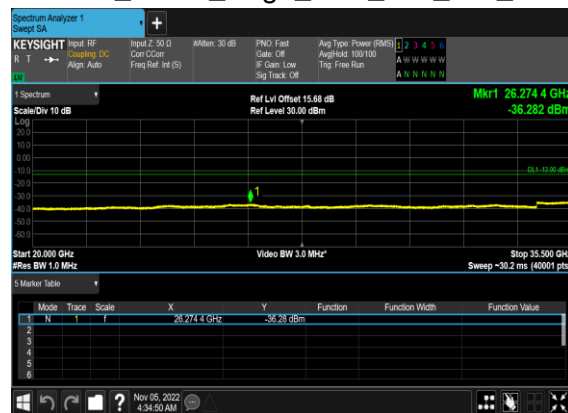
N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



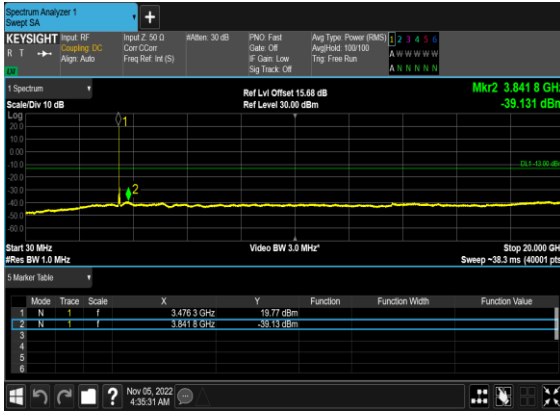
N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



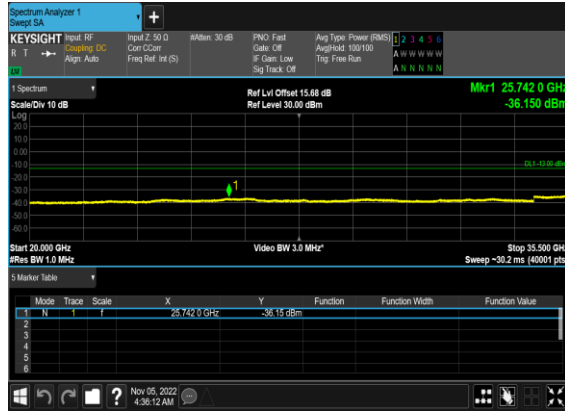
N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



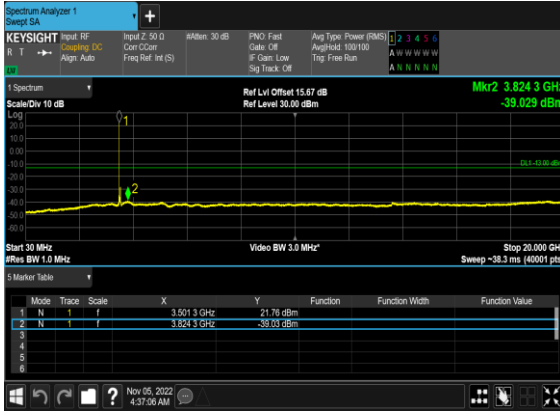
### N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



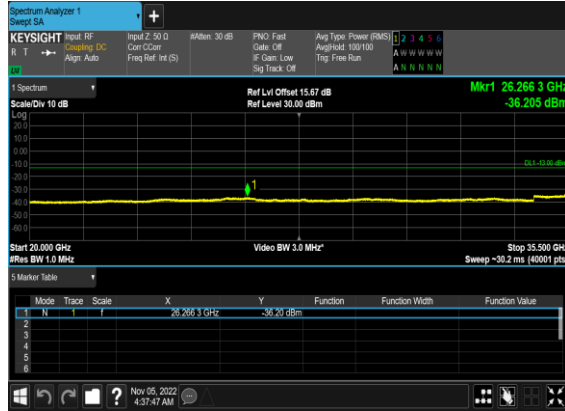
### N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



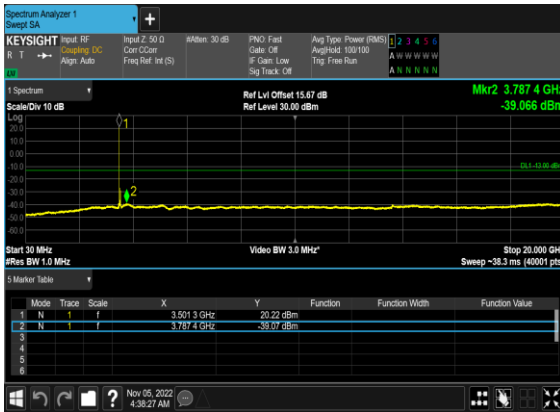
### N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



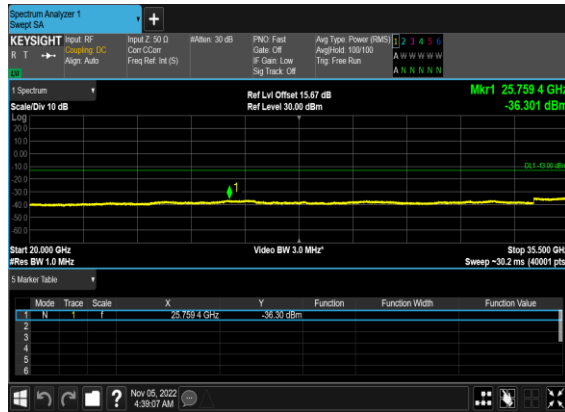
### N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_High\_CH



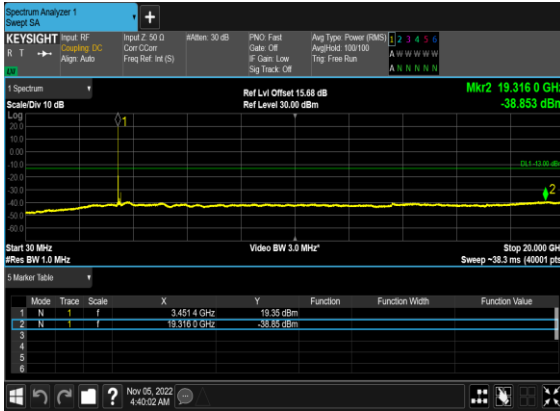
### N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



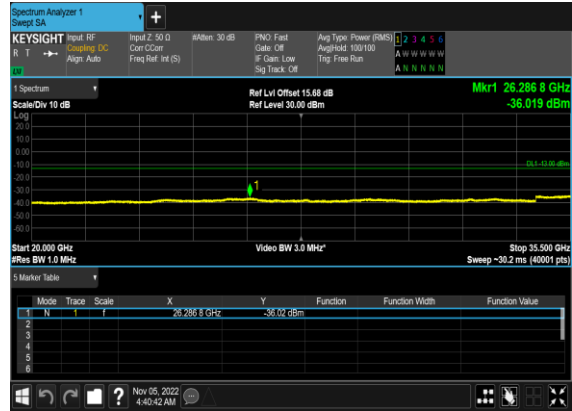
### N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_High\_CH



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



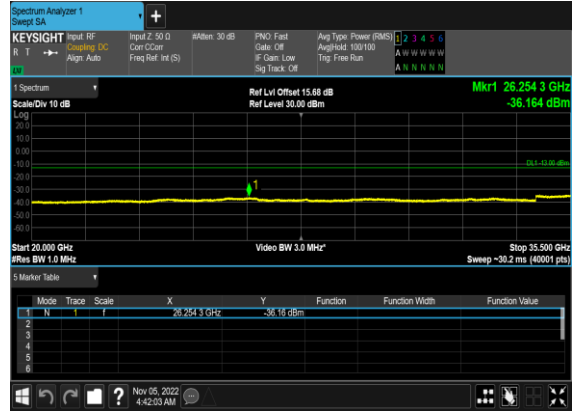
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



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



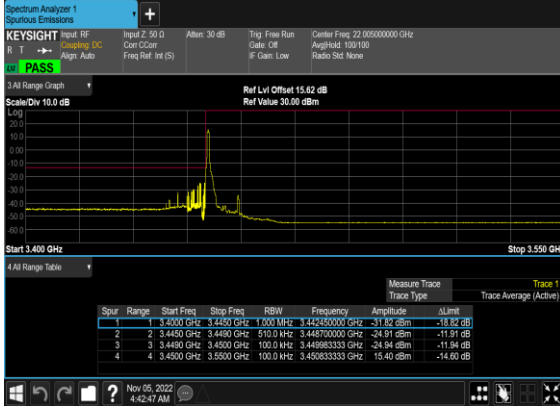
### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Mid\_CH



## 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



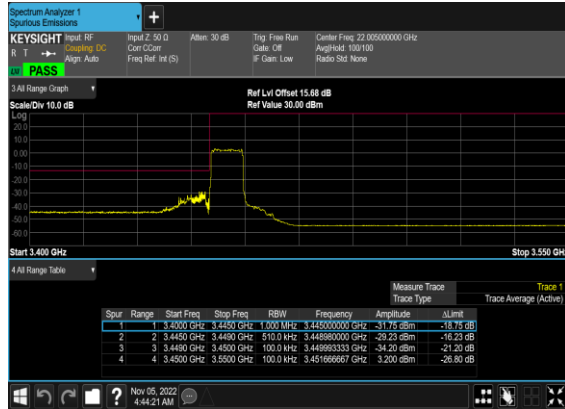
N78(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



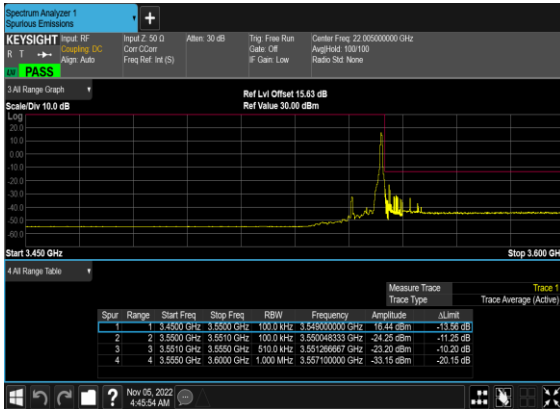
N78(10M)\_DFT-s-  
OFDM\_BPSK\_Outer\_Full\_Low\_CH



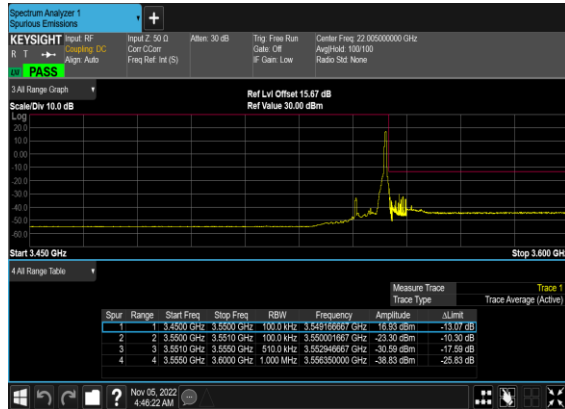
N78(10M)\_DFT-s-  
OFDM\_QPSK\_Outer\_Full\_Low\_CH



N78(10M)\_DFT-s-  
OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



N78(10M)\_DFT-s-  
OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



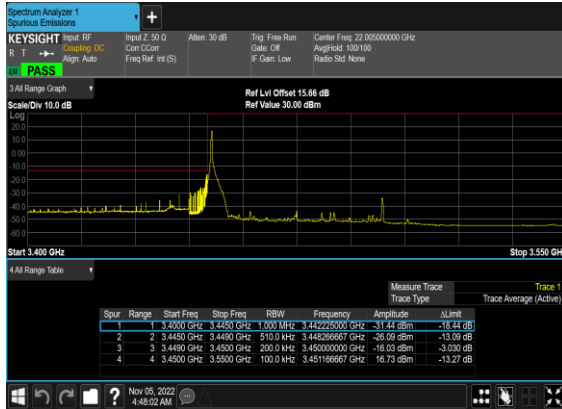
N78(10M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



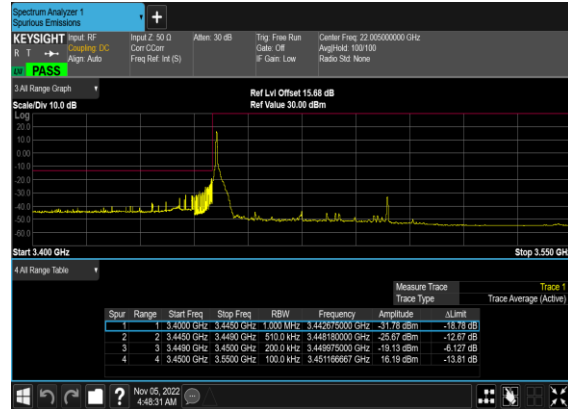
N78(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



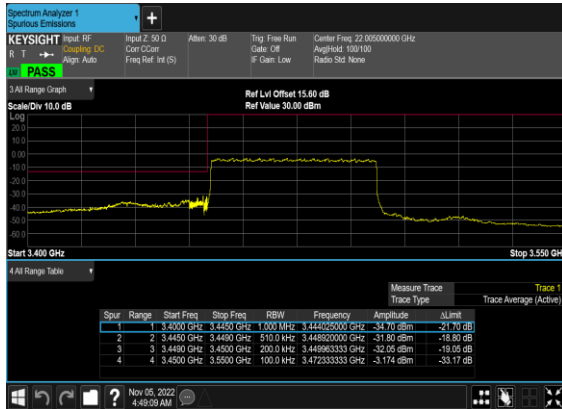
N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Low\_CH



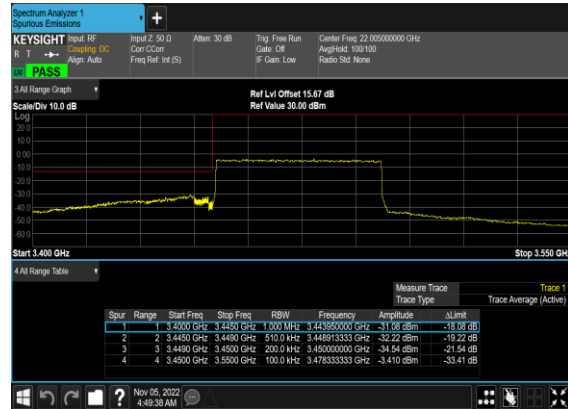
N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Left\_Low\_CH



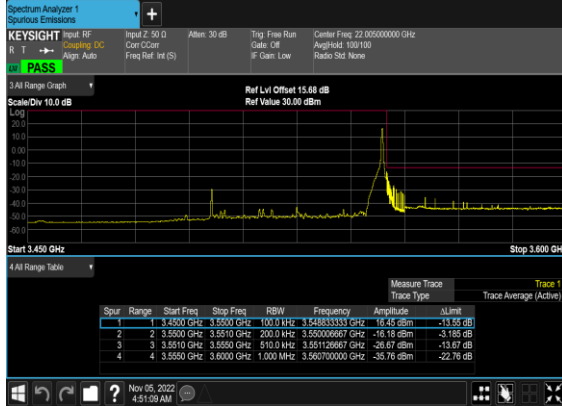
N78(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_Low\_CH



N78(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



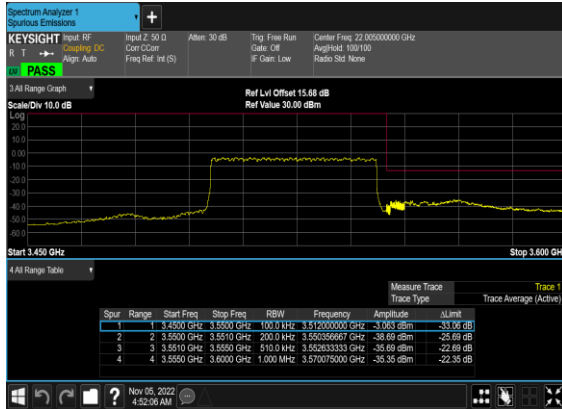
### N78(50M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_High\_CH



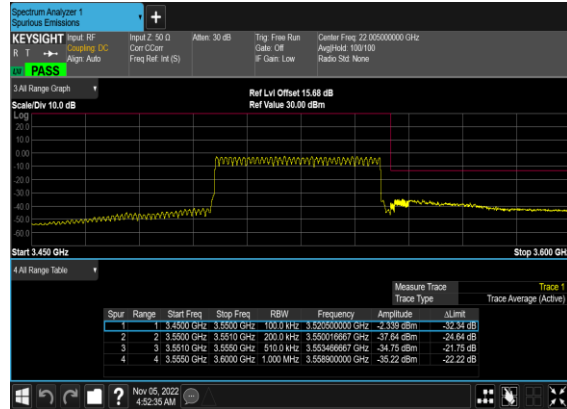
### N78(50M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_High\_CH



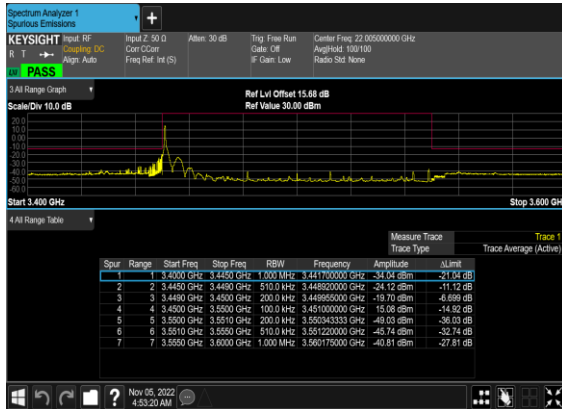
### N78(50M)\_DFT-s-OFDM\_BPSK\_Outer\_Full\_High\_CH



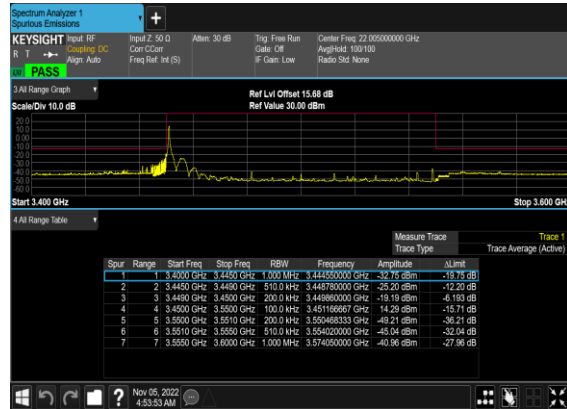
### N78(50M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



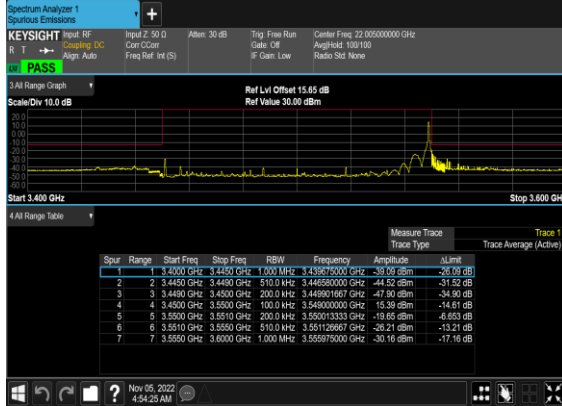
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Left\_Mid\_CH



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



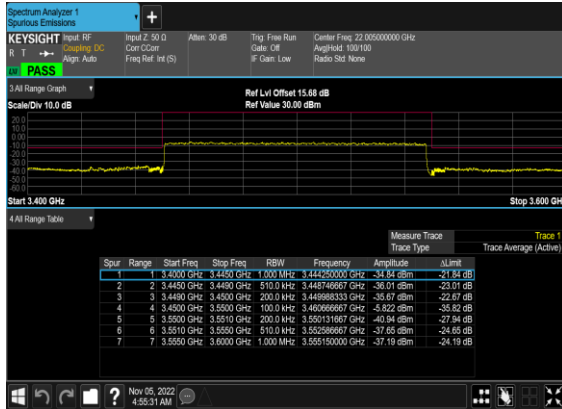
### N78(100M)\_DFT-s-OFDM\_BPSK\_Edge\_1RB\_Right\_Mid\_CH



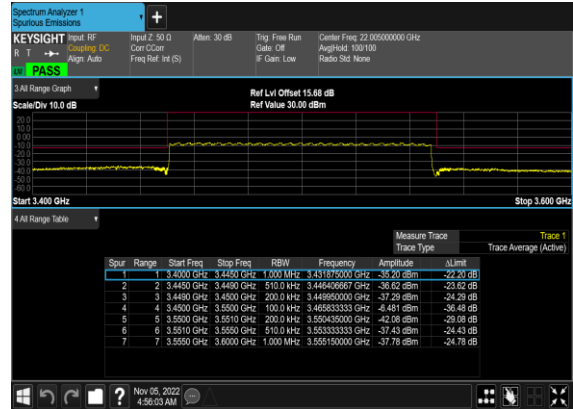
### N78(100M)\_DFT-s-OFDM\_QPSK\_Edge\_1RB\_Right\_Mid\_CH



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

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

SA n78 / NR 100MHz / QPSK / ANT5(NR)								
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	-62.22	-13	-49.22	-72.43	3.03	13.24	H
	10368	-61.59	-13	-48.59	-71.04	3.56	13.01	H
	13818	-61.33	-13	-48.33	-70.85	3.92	13.44	H
	6900	-61.31	-13	-48.31	-71.52	3.03	13.24	V
	10368	-61.90	-13	-48.90	-71.35	3.56	13.01	V
	13818	-61.40	-13	-48.40	-70.92	3.92	13.44	V

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

EN-DC_38A_n78 / LTE 20MHz + NR 100MHz / QPSK / ANT1(LTE) & ANT5(NR)								
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	-51.77	-13	-38.77	-61.98	3.03	13.24	H
	10368	-50.62	-13	-37.62	-60.07	3.56	13.01	H
	13818	-51.29	-13	-38.29	-60.81	3.92	13.44	H
	6912	-51.39	-13	-38.39	-61.60	3.03	13.24	V
	10368	-50.43	-13	-37.43	-59.88	3.56	13.01	V
	13818	-51.15	-13	-38.15	-60.67	3.92	13.44	V

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