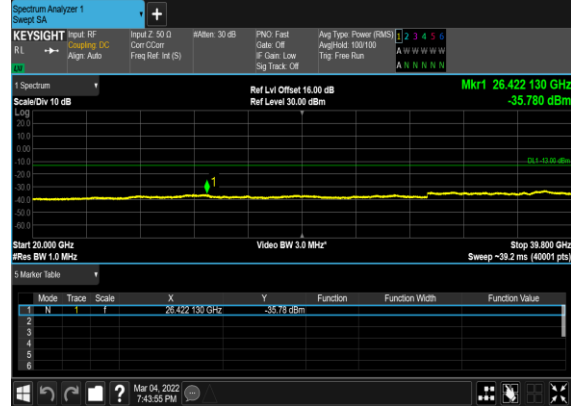


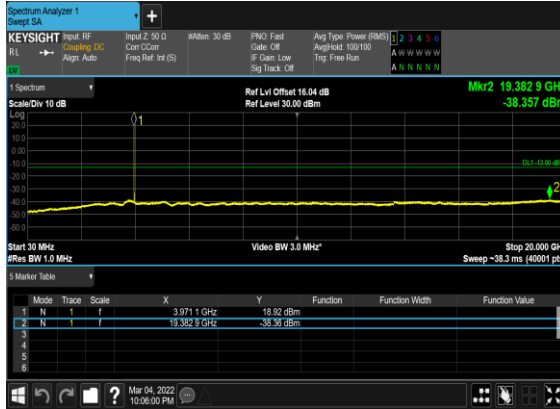
N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



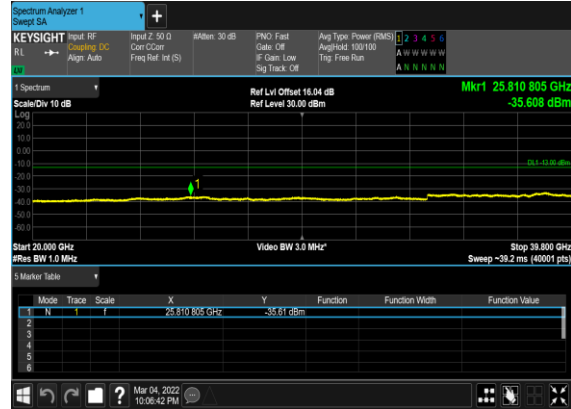
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



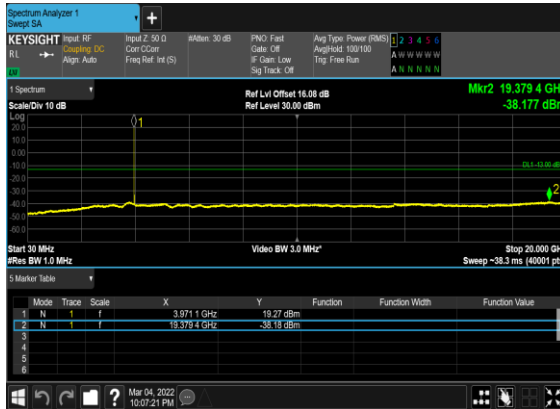
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OFDM_BPSK_Edge_1RB_Left_High_CH



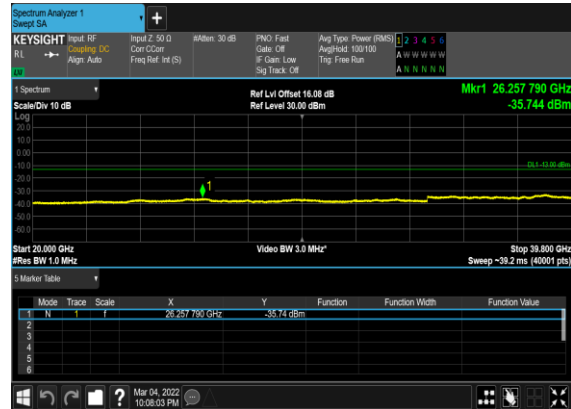
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OFDM_BPSK_Edge_1RB_Left_High_CH



N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



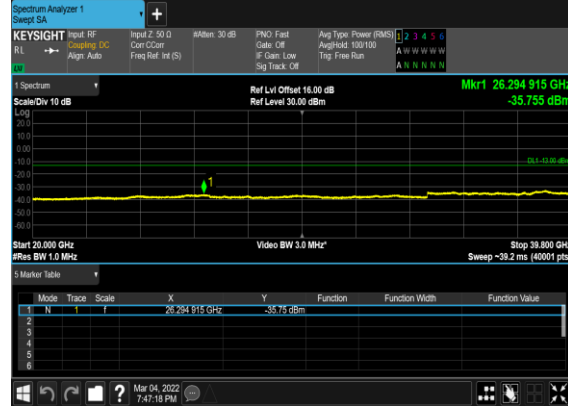
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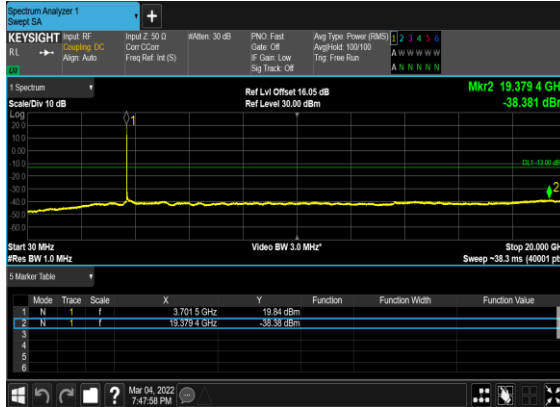
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OFDM_BPSK_Edge_1RB_Left_Low_CH



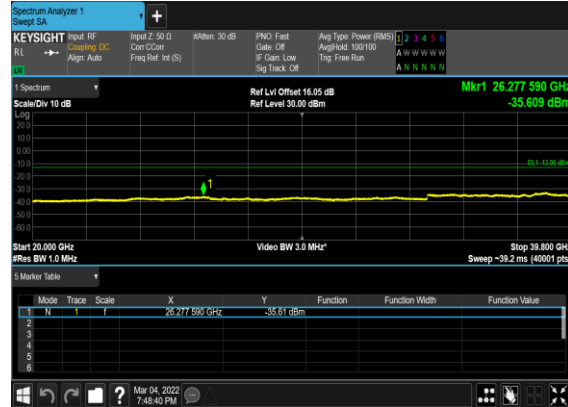
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OFDM_BPSK_Edge_1RB_Left_Low_CH



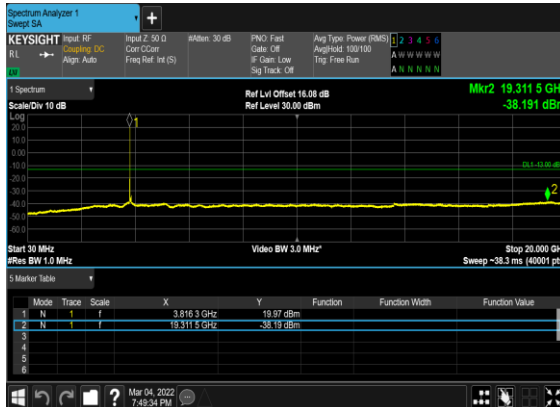
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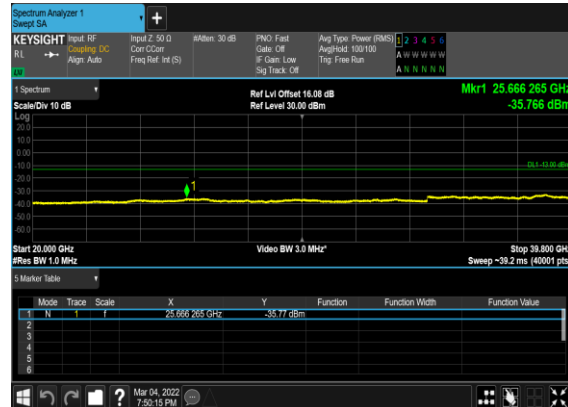
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



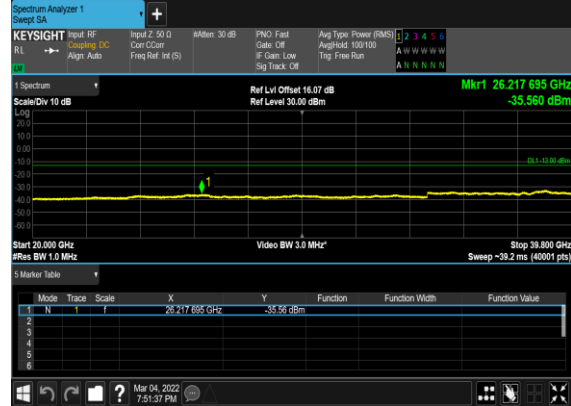
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OFDM_BPSK_Edge_1RB_Left_Mid_CH



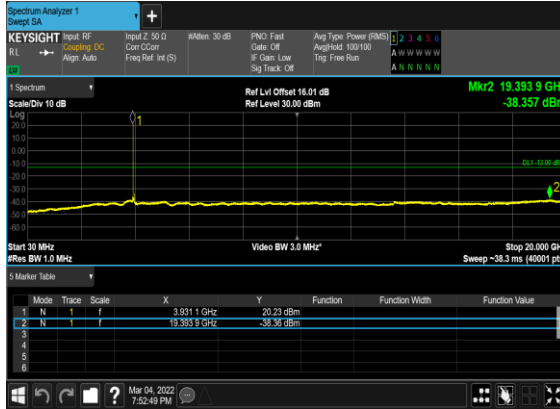
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



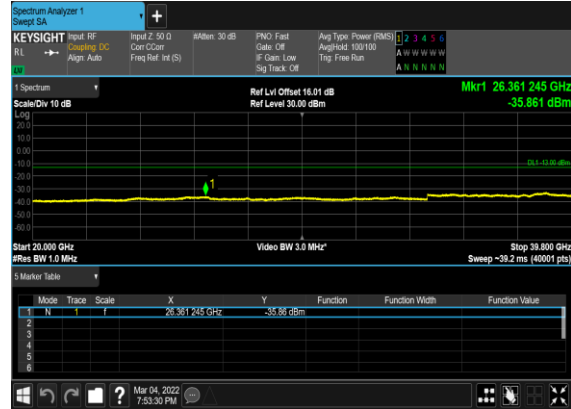
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



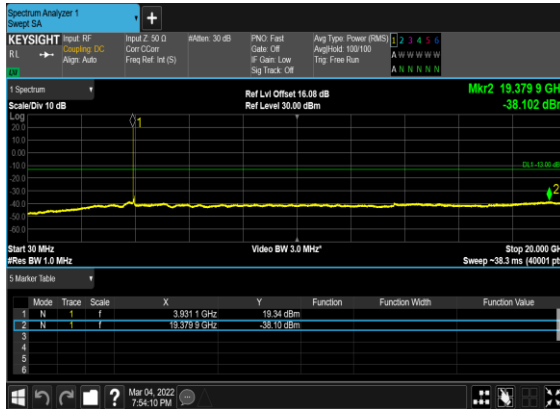
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OFDM_BPSK_Edge_1RB_Left_High_CH



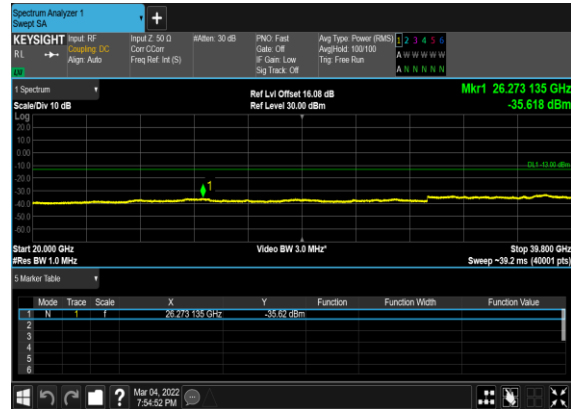
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



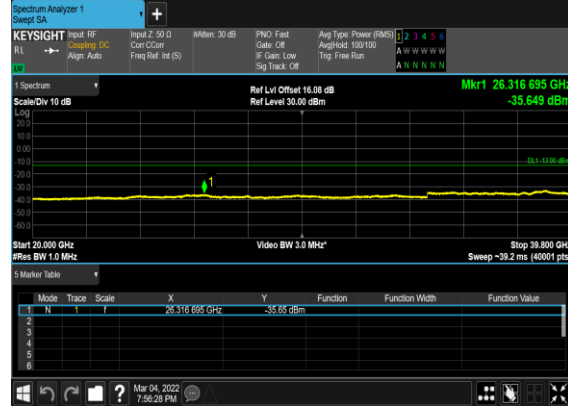
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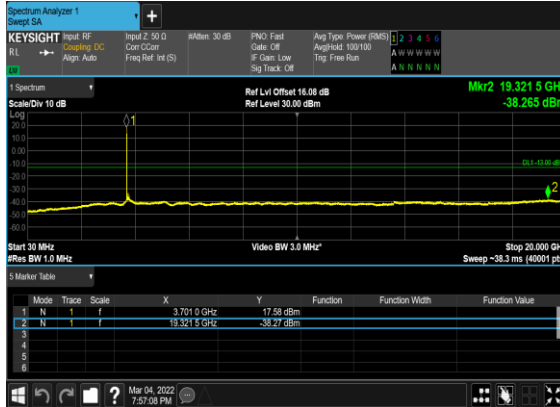
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



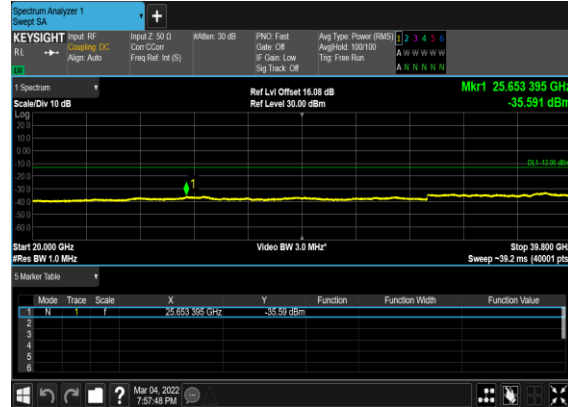
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



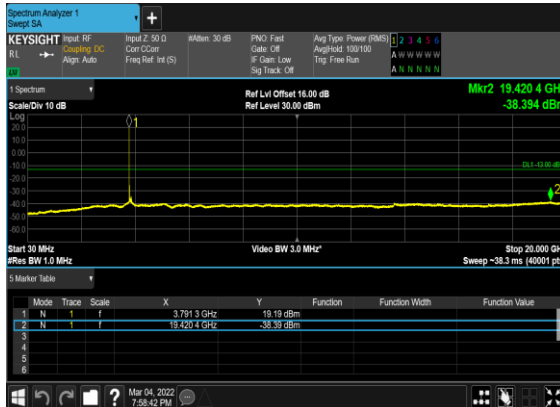
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



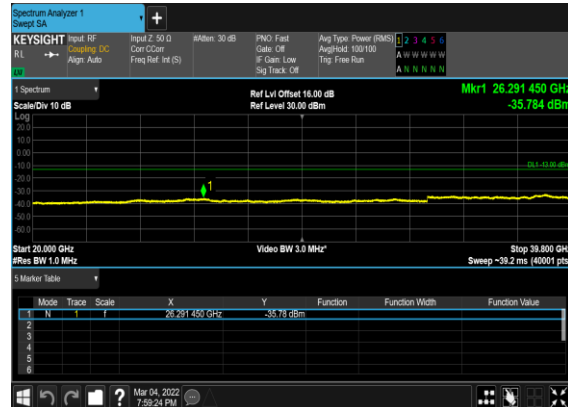
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



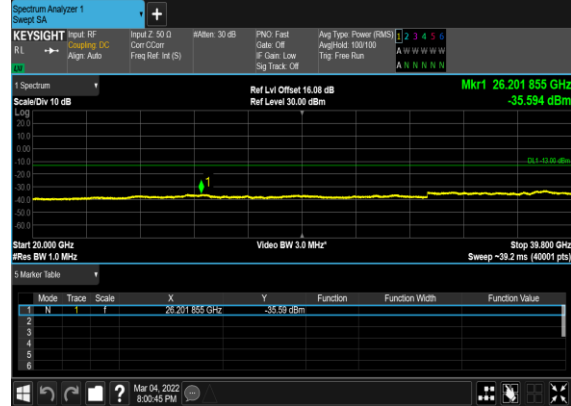
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OFDM_BPSK_Edge_1RB_Left_Mid_CH



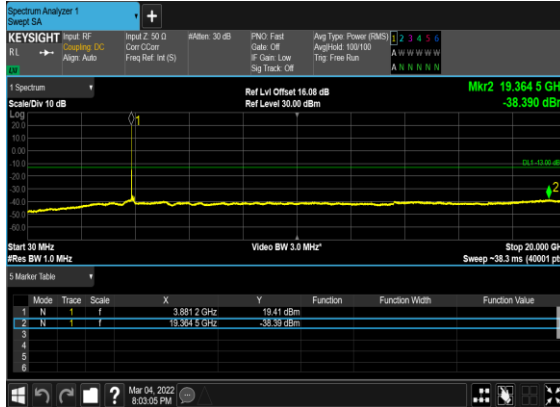
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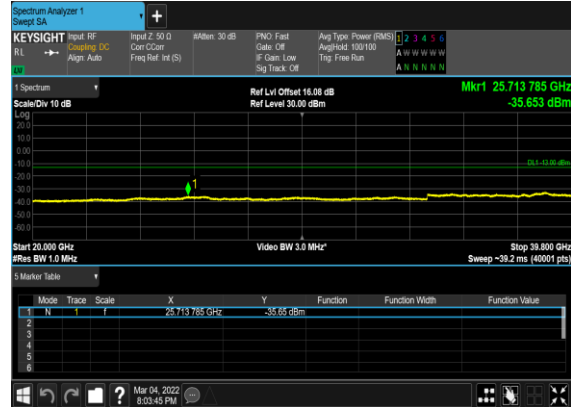
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



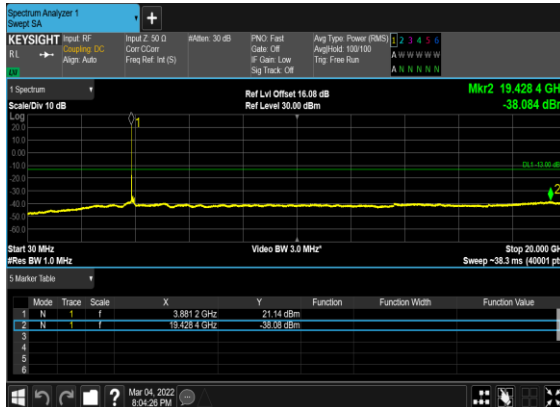
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OFDM_BPSK_Edge_1RB_Left_High_CH



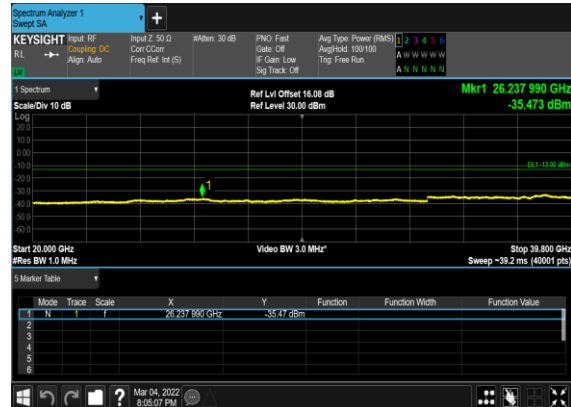
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



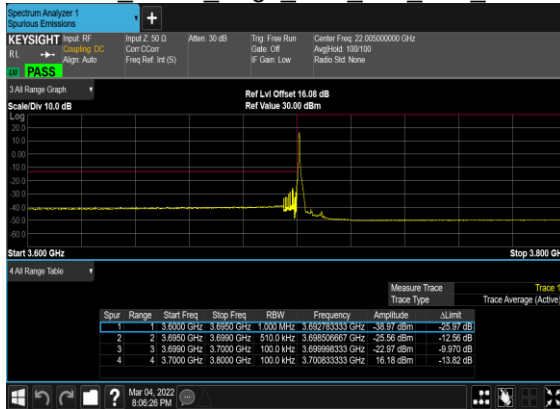
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



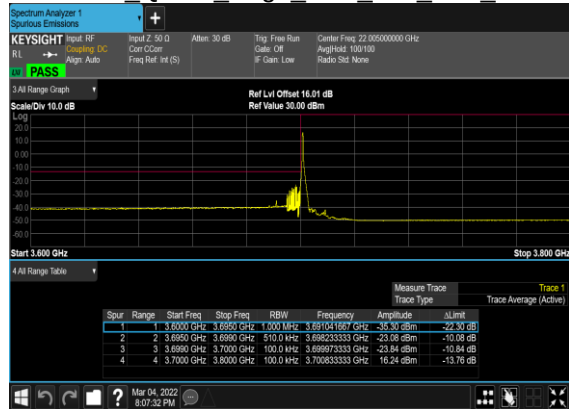
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@132	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@132	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	128@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	128@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

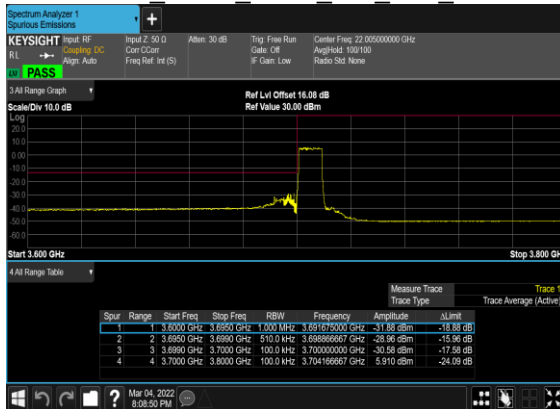
N77(10M)_DFT-s-
OFDM BPSK Edge 1RB Left Low CH



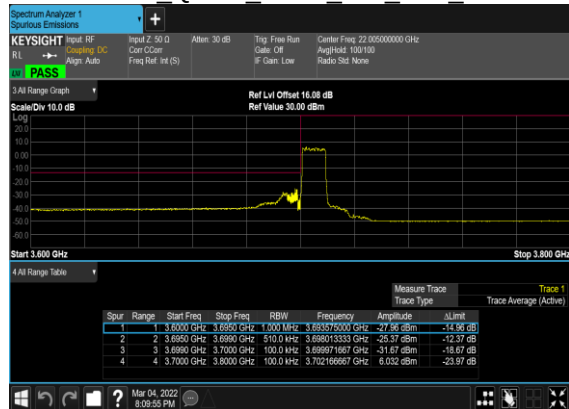
N77(10M)_DFT-s-
OFDM QPSK Edge 1RB Left Low CH



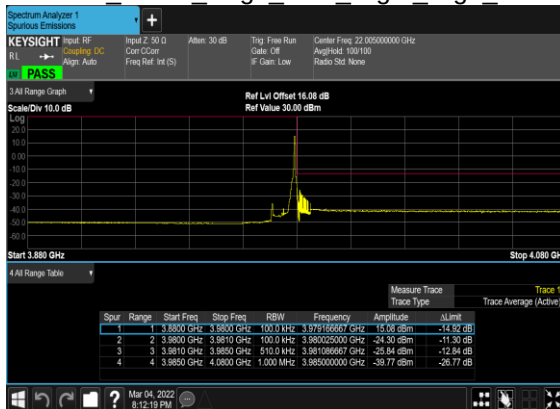
N77(10M)_DFT-s-
OFDM BPSK Outer Full Low CH



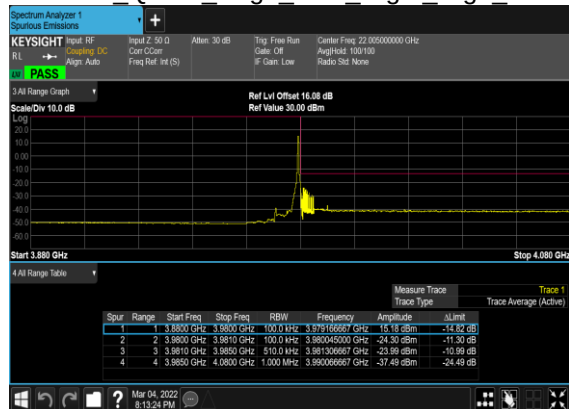
N77(10M)_DFT-s-
OFDM QPSK Outer Full Low CH



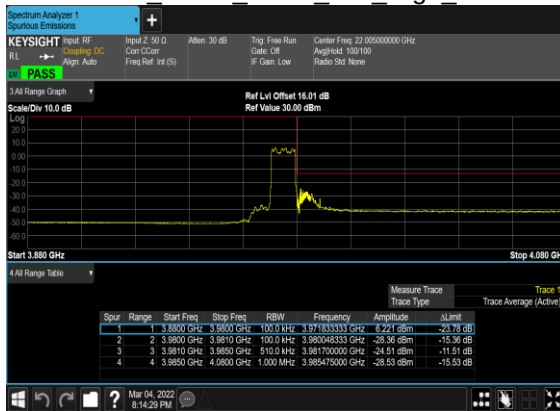
N77(10M)_DFT-s-
OFDM BPSK Edge 1RB Right High CH



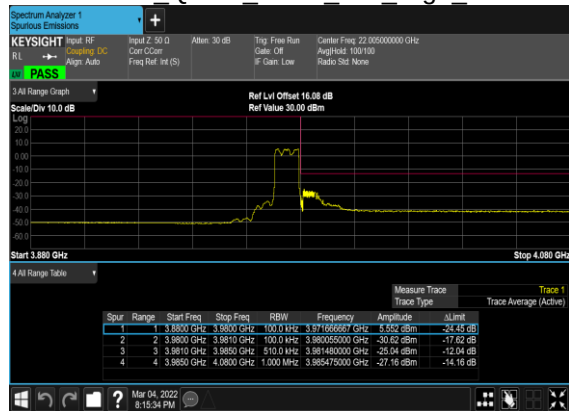
N77(10M)_DFT-s-
OFDM QPSK Edge 1RB Right High CH



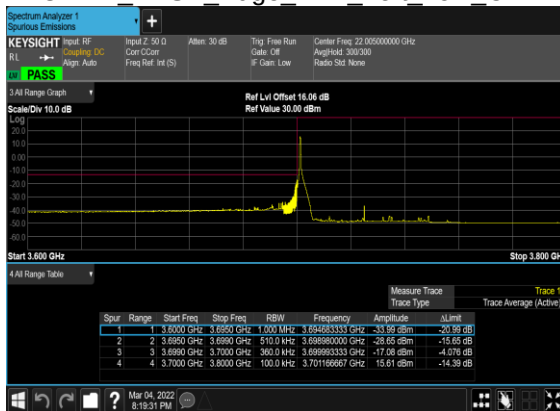
N77(10M)_DFT-s-OFDM BPSK Outer Full High CH



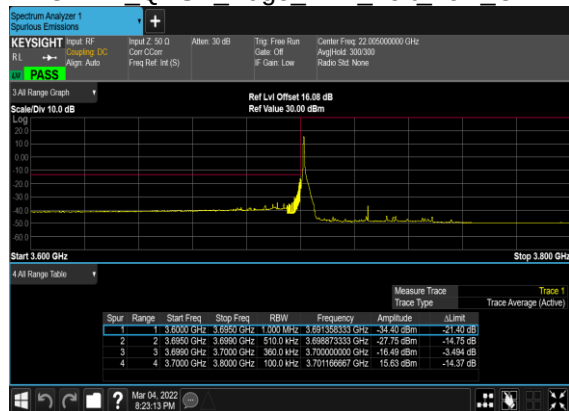
N77(10M)_DFT-s-OFDM QPSK Outer Full High CH



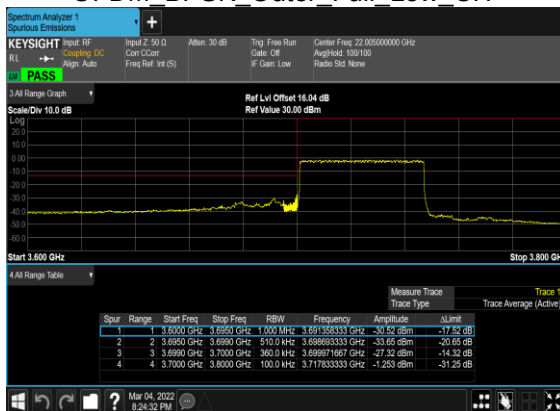
N77(50M)_DFT-s-OFDM BPSK Edge 1RB Left Low CH



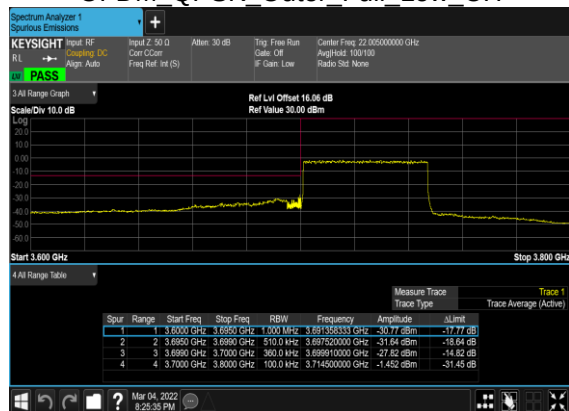
N77(50M)_DFT-s-OFDM QPSK Edge 1RB Left Low CH



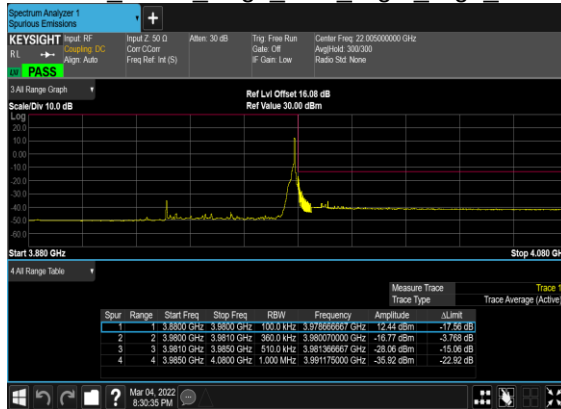
N77(50M)_DFT-s-OFDM BPSK Outer Full Low CH



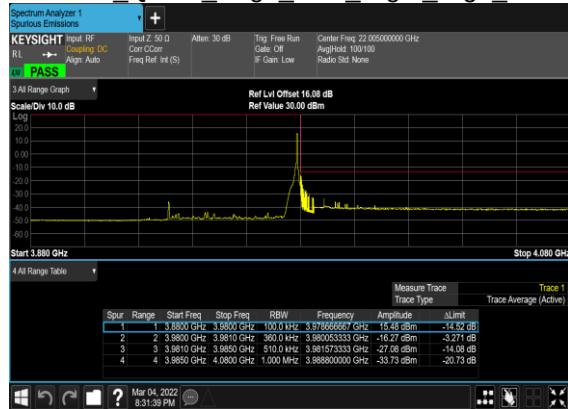
N77(50M)_DFT-s-OFDM QPSK Outer Full Low CH



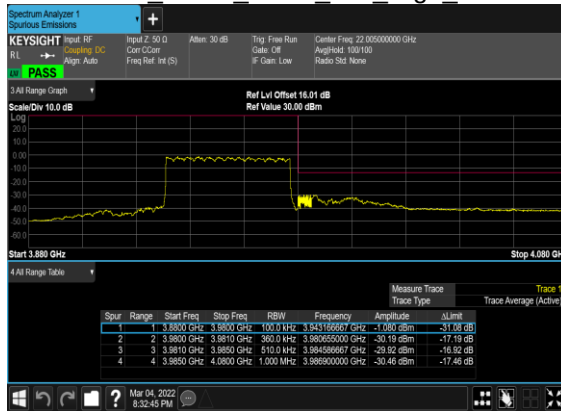
N77(50M)_DFT-s-
OFDM BPSK Edge 1RB Right High CH



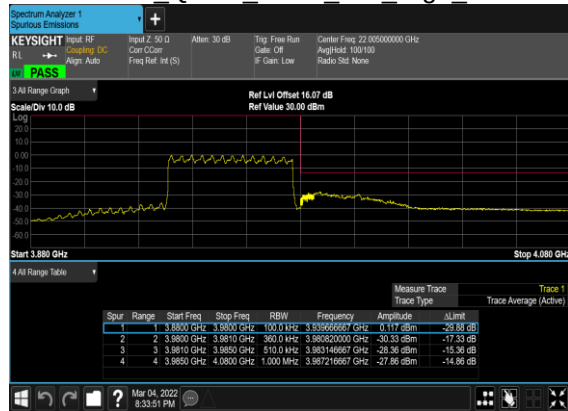
N77(50M)_DFT-s-
OFDM QPSK Edge 1RB Right High CH



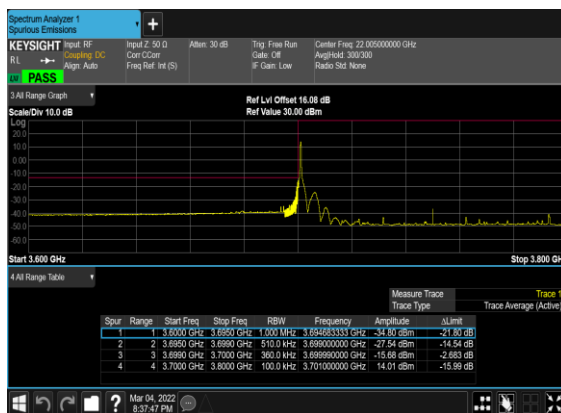
N77(50M)_DFT-s-
OFDM BPSK Outer Full High CH



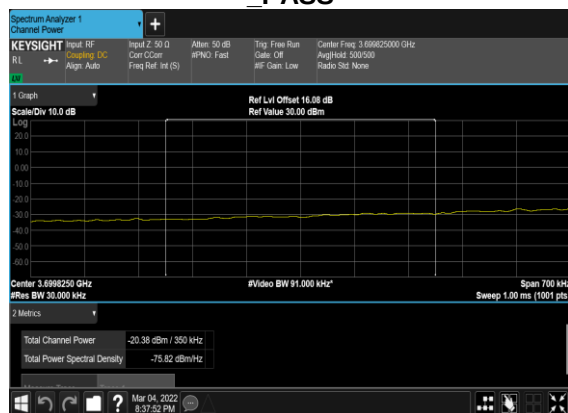
N77(50M)_DFT-s-
OFDM QPSK Outer Full High CH



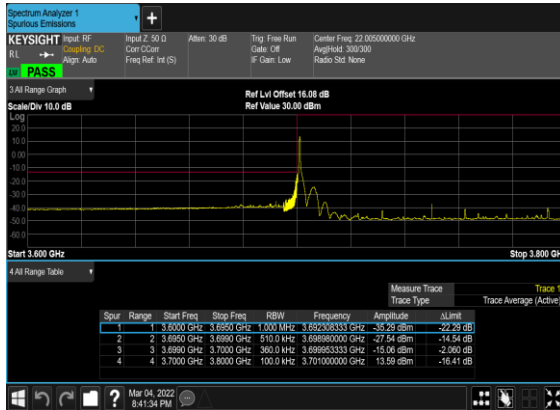
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



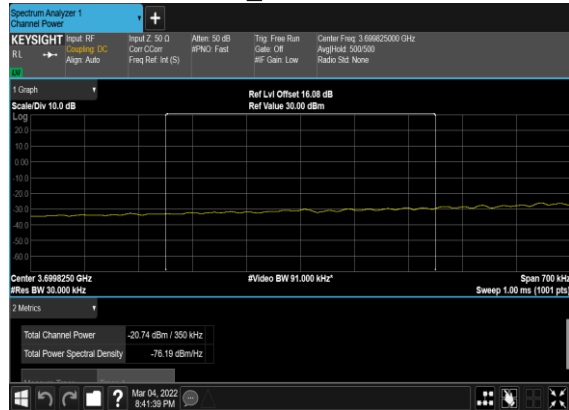
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH_CHP
_PASS



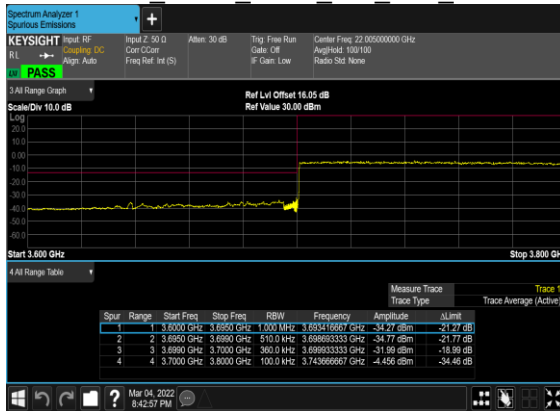
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



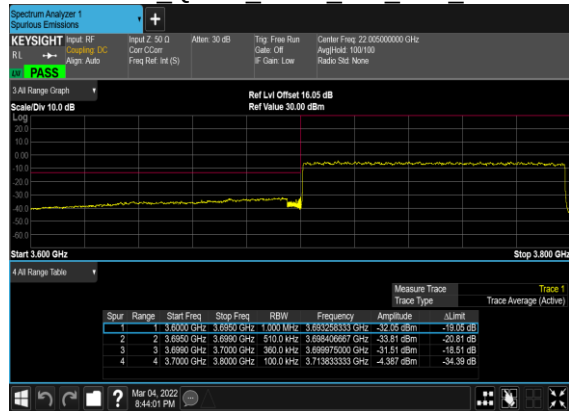
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP
_PASS



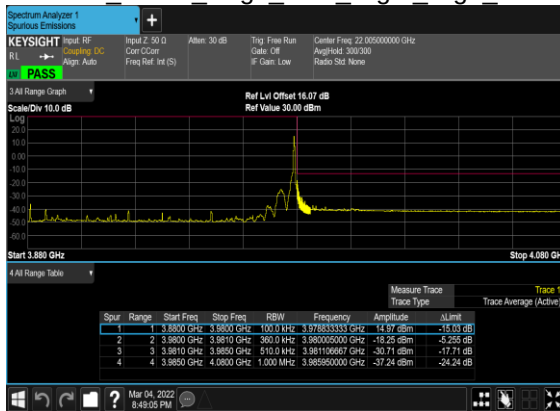
N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



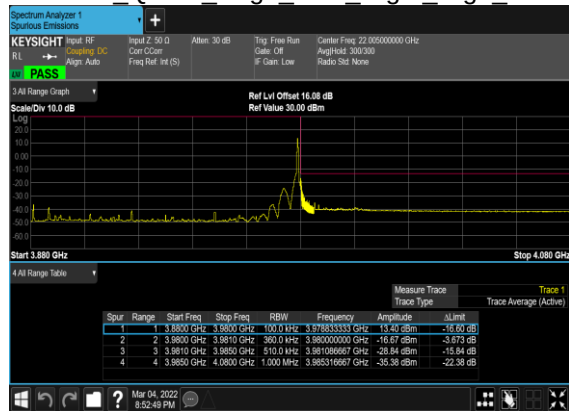
N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



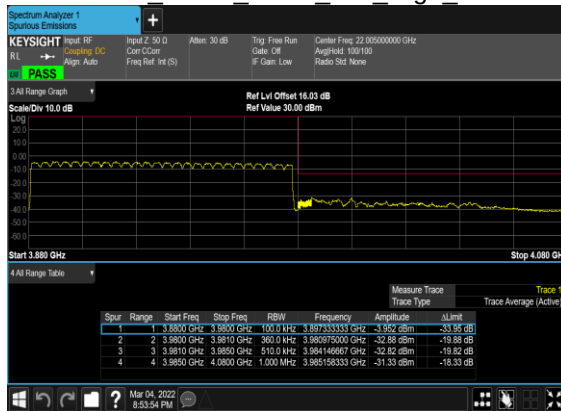
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



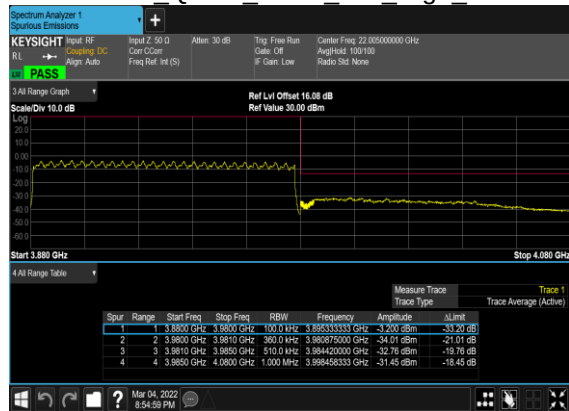
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-OFDM BPSK Outer Full High CH



N77(100M)_DFT-s-OFDM QPSK Outer Full High CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

5G NR n77 SA / 100MHz / QPSK									
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)
Lowest	7500.00	-58.49	-13	-45.49	-66.69	-64.05	7.16	12.72	H
	11250.00	-54.64	-13	-41.64	-68.55	-57.94	8.33	11.63	H
	15000.00	-54.12	-13	-41.12	-70.51	-55.72	10.50	12.10	H
	7500.00	-58.51	-13	-45.51	-66.7	-64.07	7.16	12.72	V
	11250.00	-51.76	-13	-38.76	-68.37	-55.06	8.33	11.63	V
	15000.00	-53.35	-13	-40.35	-70.46	-54.95	10.50	12.10	V
Middle	7680.00	-57.91	-13	-44.91	-65.63	-63.47	7.16	12.72	H
	11520.00	-55.15	-13	-42.15	-69.25	-58.45	8.33	11.63	H
	15360.00	-51.99	-13	-38.99	-69.56	-53.59	10.50	12.10	H
	7680.00	-55.80	-13	-42.80	-65.23	-61.36	7.16	12.72	V
	11520.00	-52.43	-13	-39.43	-69.21	-55.73	8.33	11.63	V
	15360.00	-52.59	-13	-39.59	-69.18	-54.19	10.50	12.10	V
Highest	7860.00	-58.59	-13	-45.59	-66.41	-64.15	7.16	12.72	H
	11790.00	-53.74	-13	-40.74	-69.01	-57.04	8.33	11.63	H
	15720.00	-50.79	-13	-37.79	-69.91	-52.39	10.50	12.10	H
	7860.00	-55.19	-13	-42.19	-66.49	-60.75	7.16	12.72	V
	11790.00	-50.44	-13	-37.44	-68.8	-53.74	8.33	11.63	V
	15720.00	-52.33	-13	-39.33	-69.58	-53.93	10.50	12.10	V

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