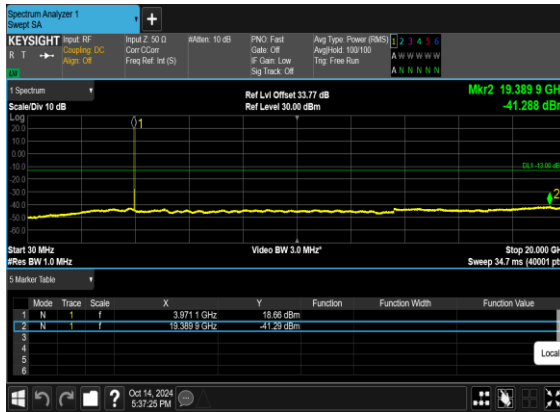
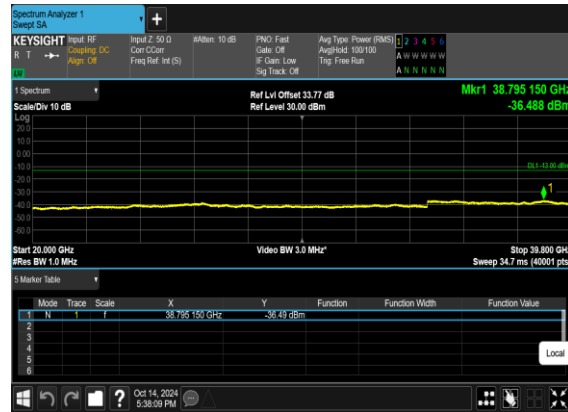




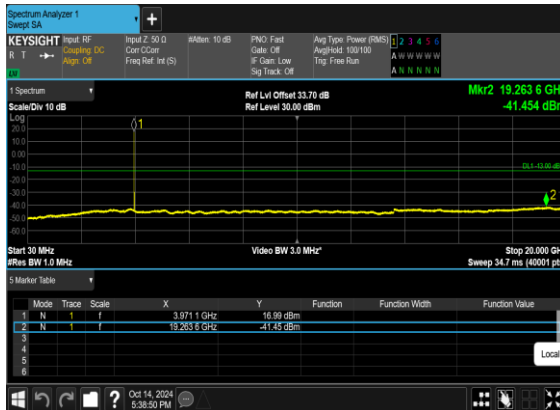
B41_N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



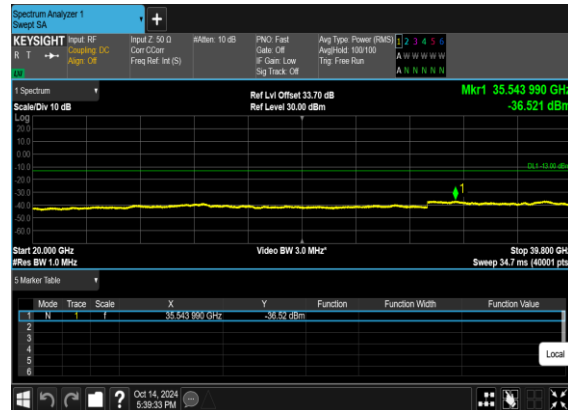
B41_N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B41_N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B41_N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

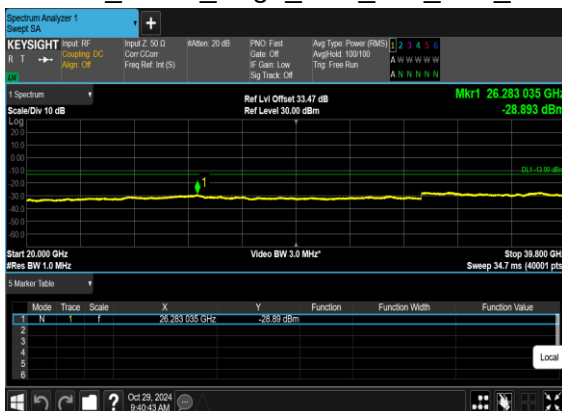




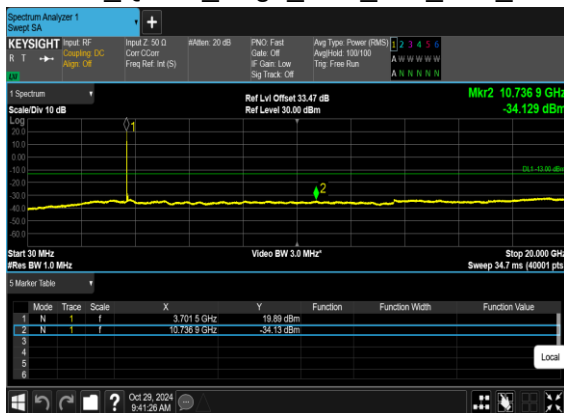
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



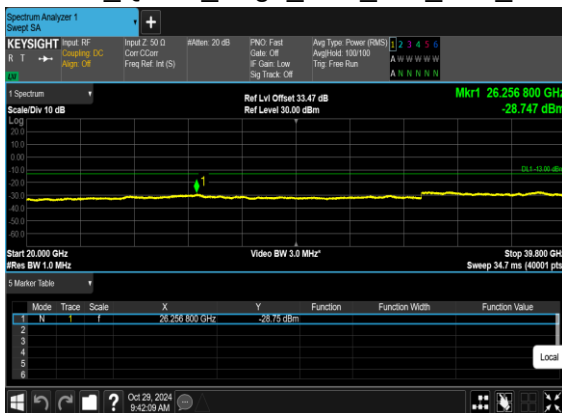
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

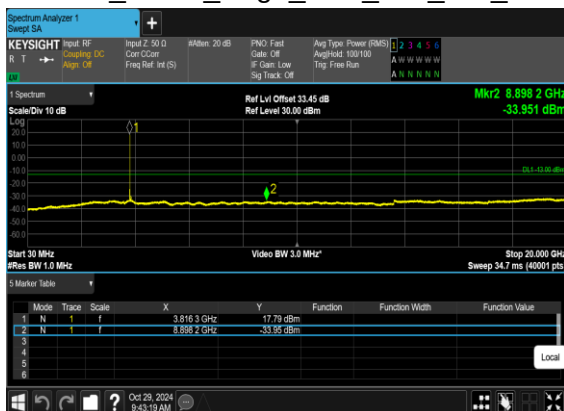


N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

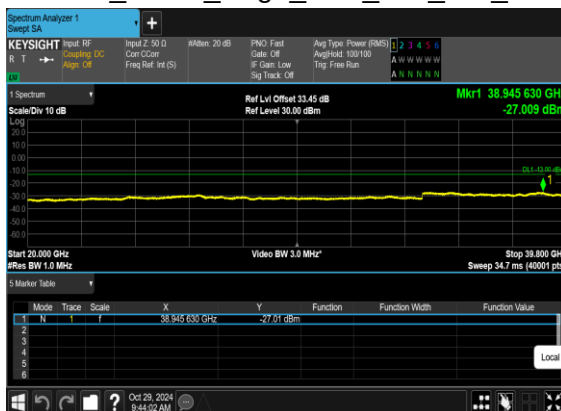




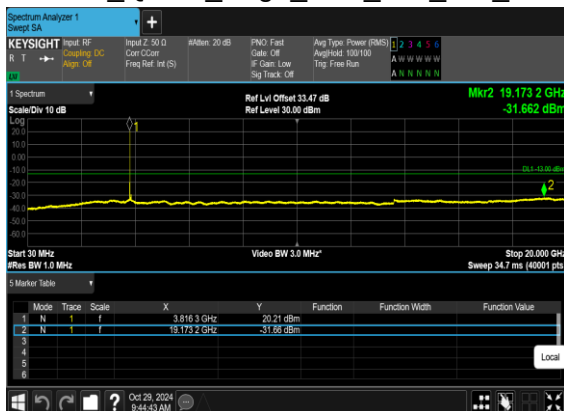
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



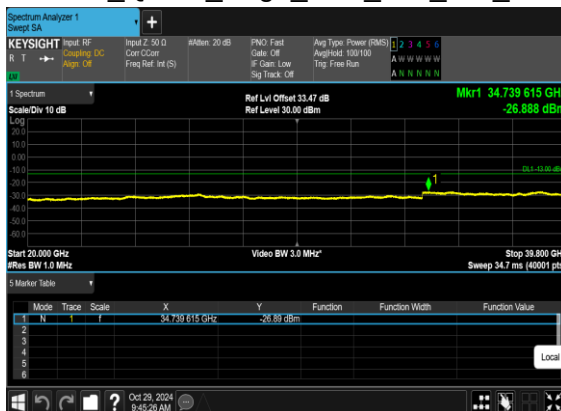
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

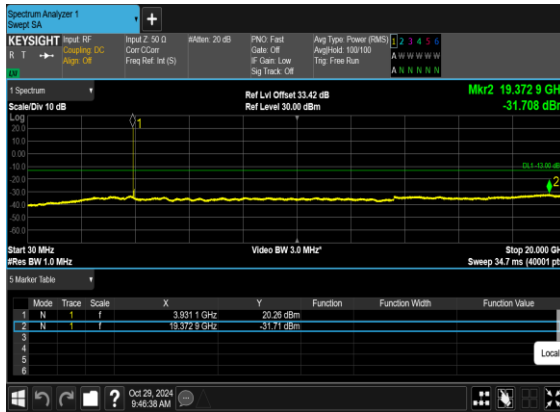


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OFDM_QPSK_Edge_1RB_Left_Mid_CH

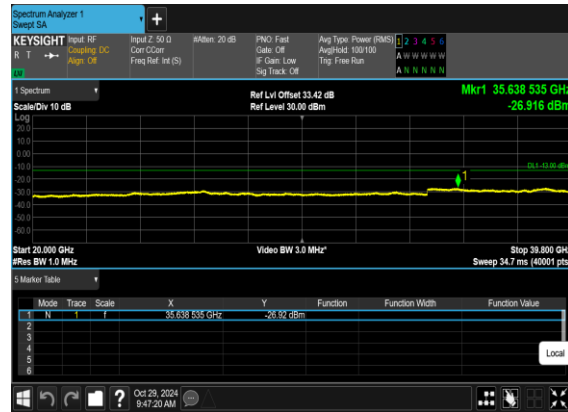




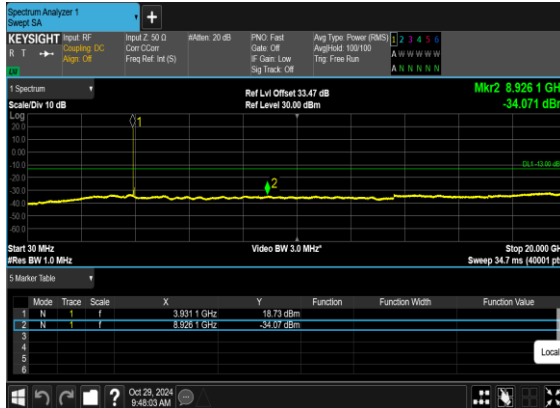
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



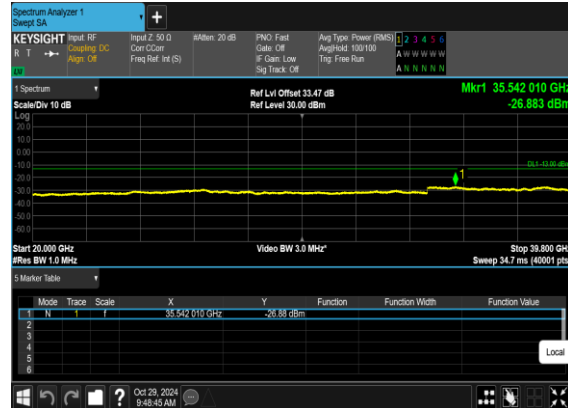
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

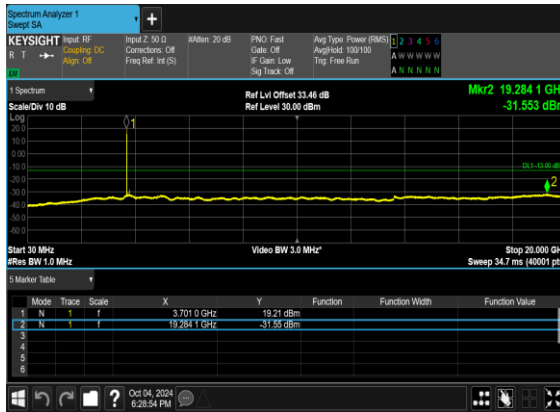


N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

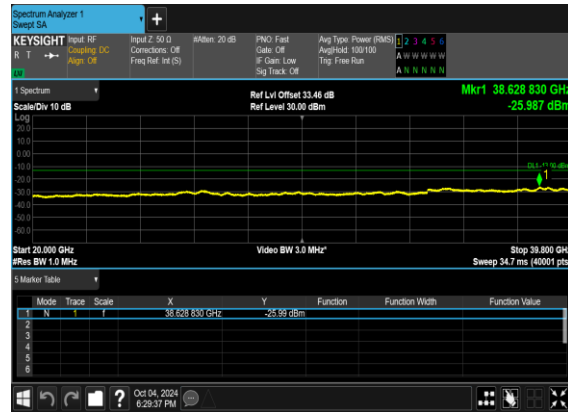




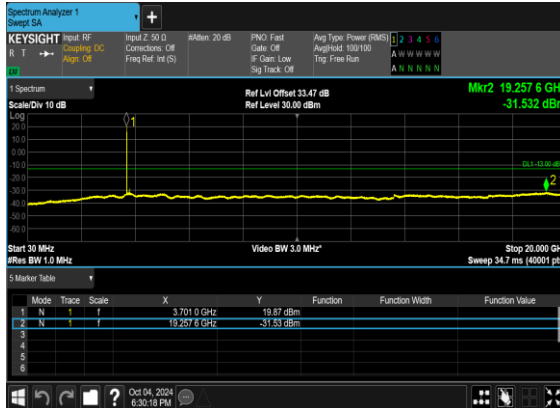
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



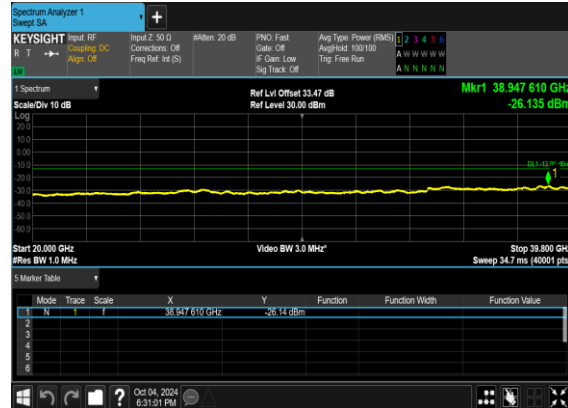
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

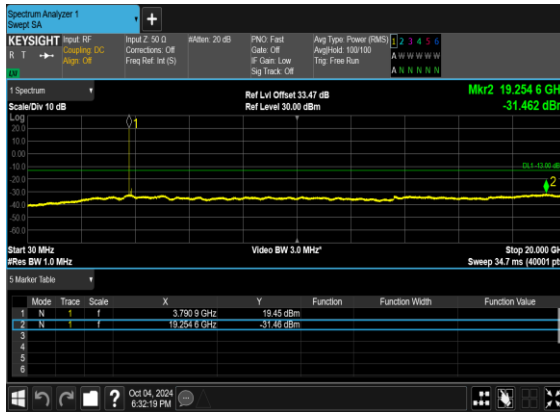


B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH

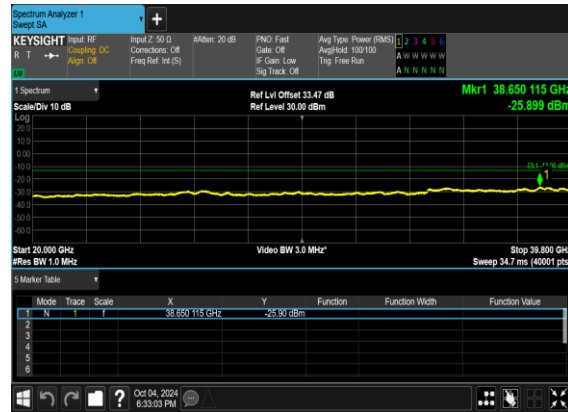




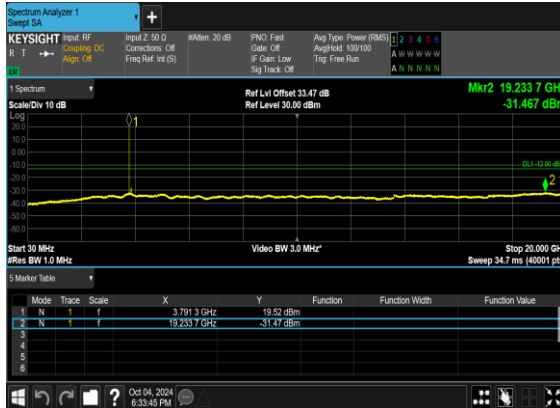
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



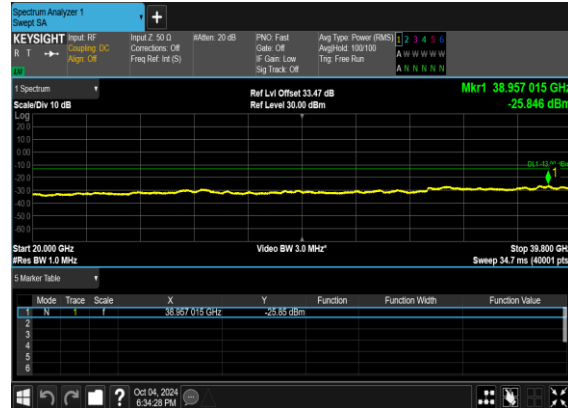
B41_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



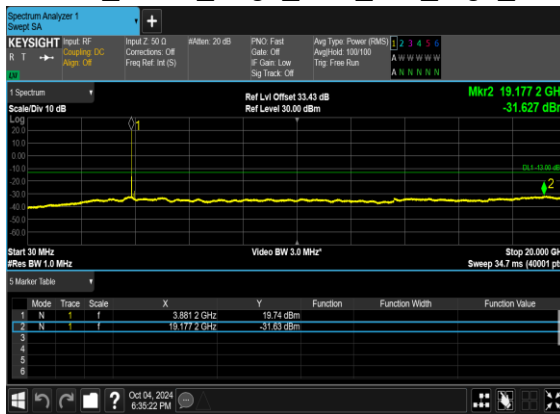
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



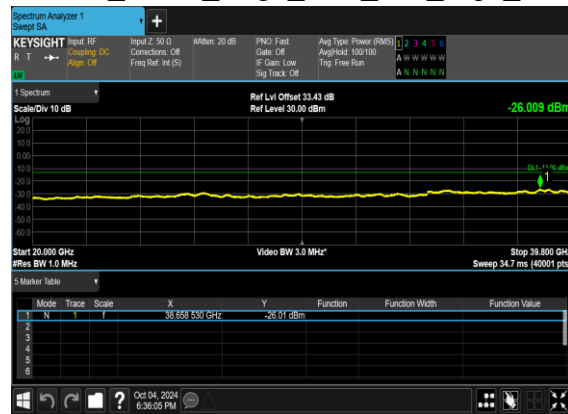
B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



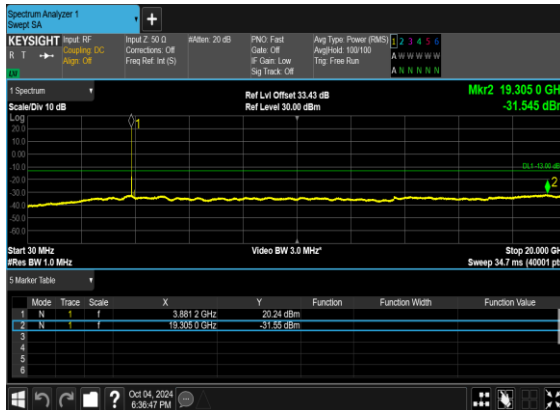
B41_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



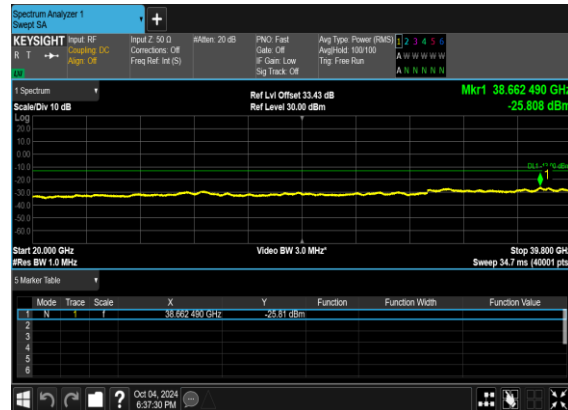
B41_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



B41_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

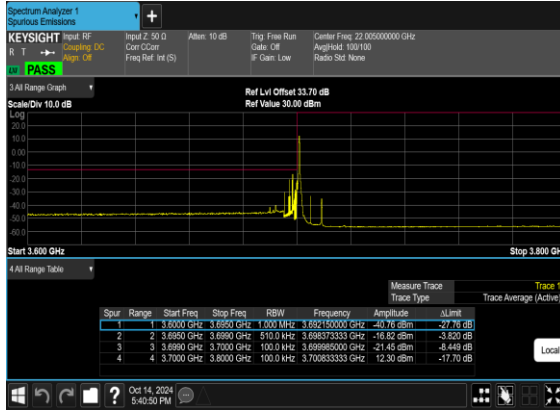


**Conducted Band Edge**

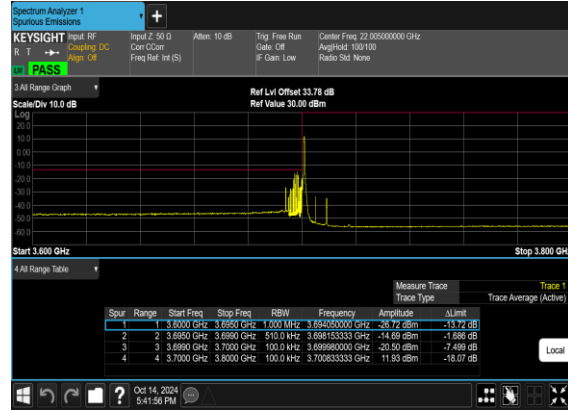
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	24@0	see 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



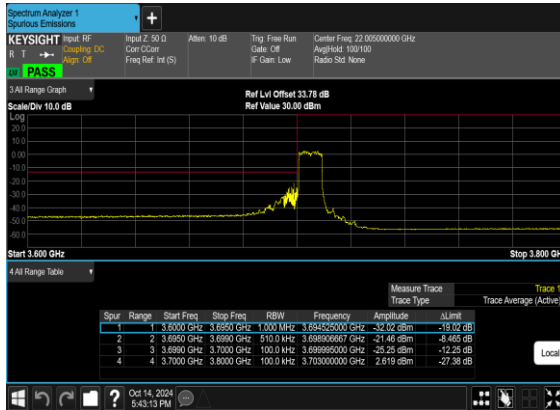
B41_N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



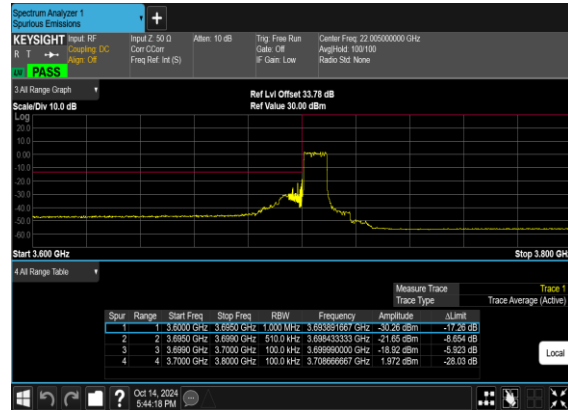
B41_N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B41_N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

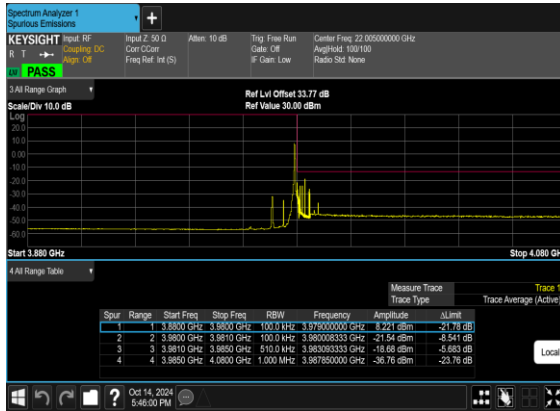


B41_N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

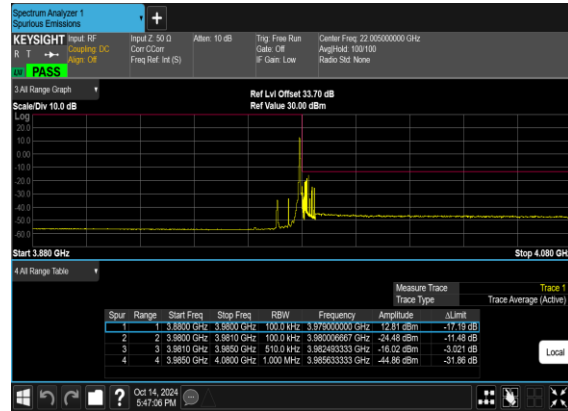




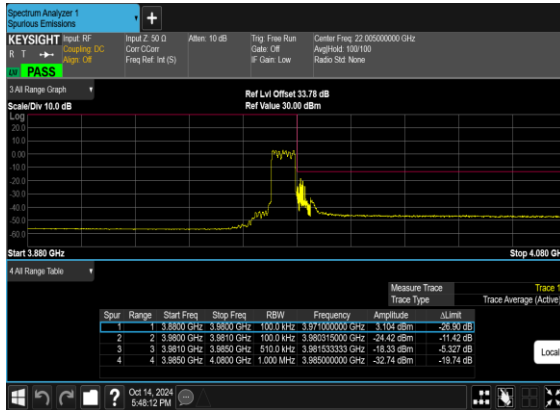
B41_N77(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



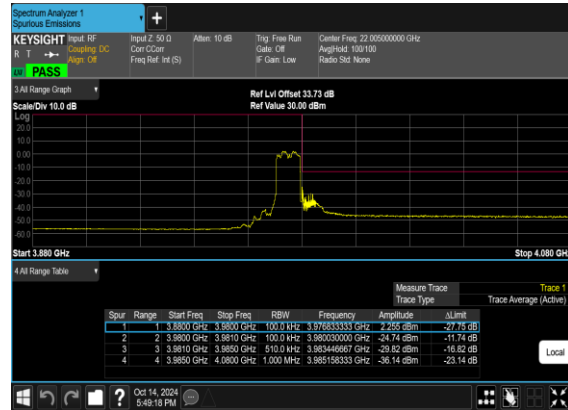
B41_N77(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B41_N77(10M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

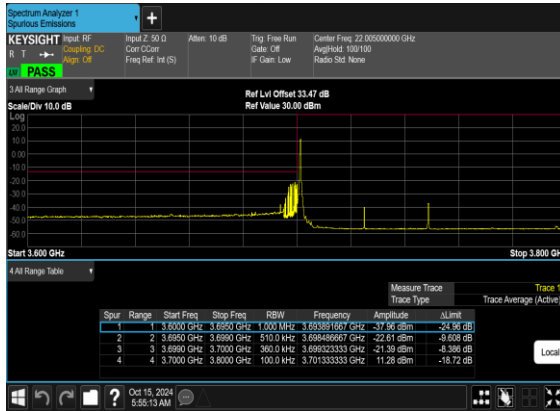


B41_N77(10M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

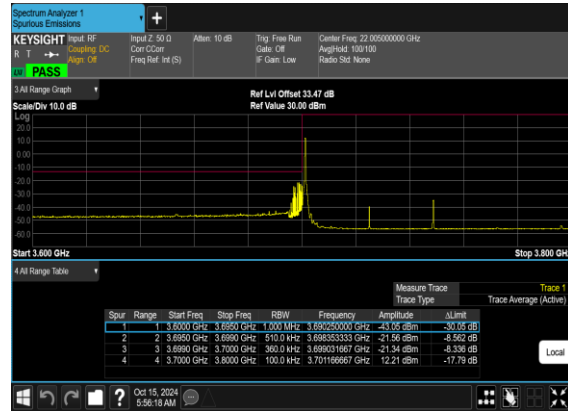




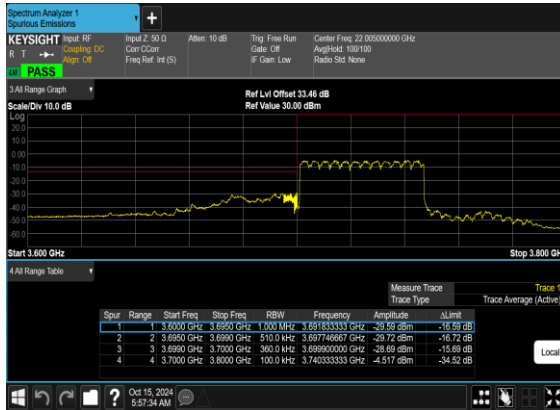
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



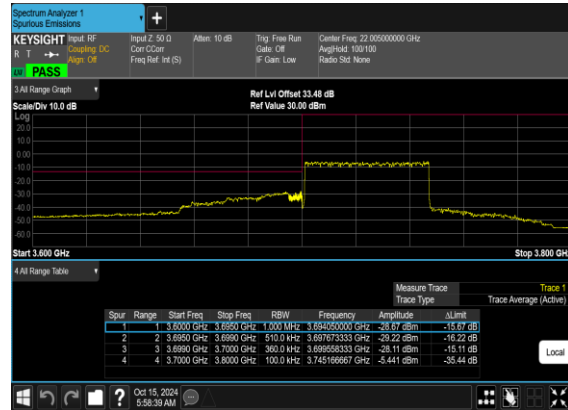
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

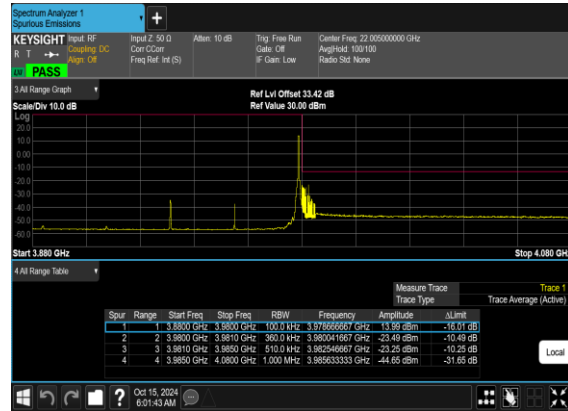




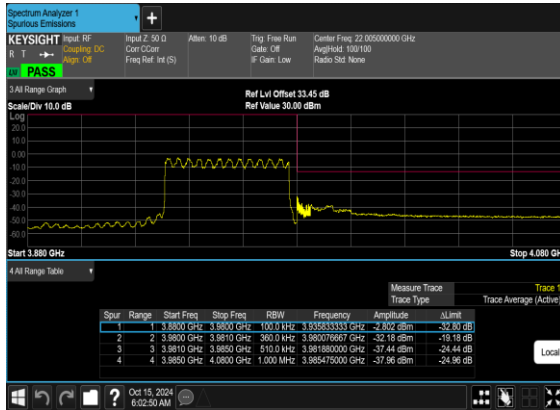
N77(50M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



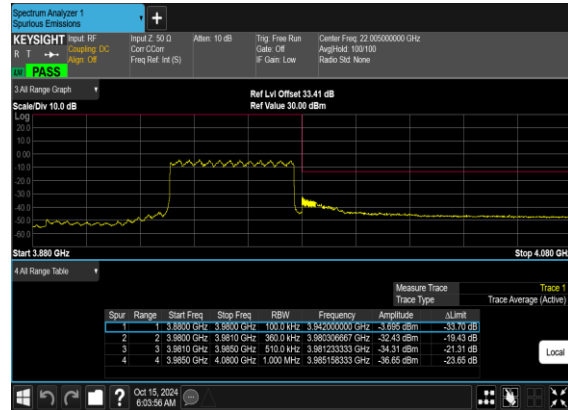
N77(50M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(50M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N77(50M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





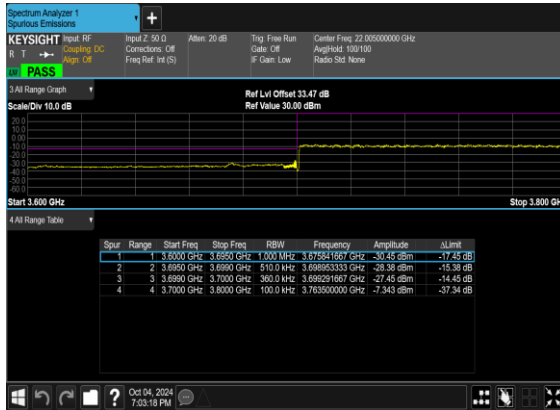
B41_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



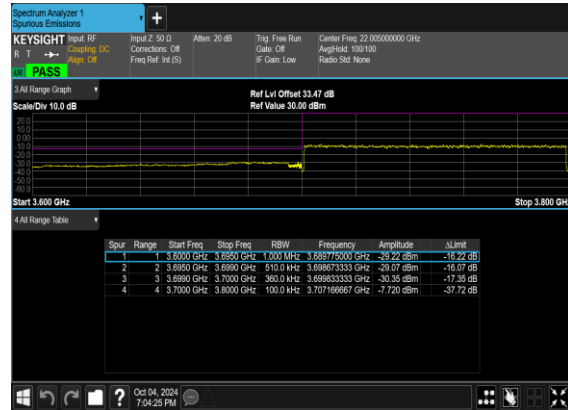
B41_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B41_N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



B41_N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

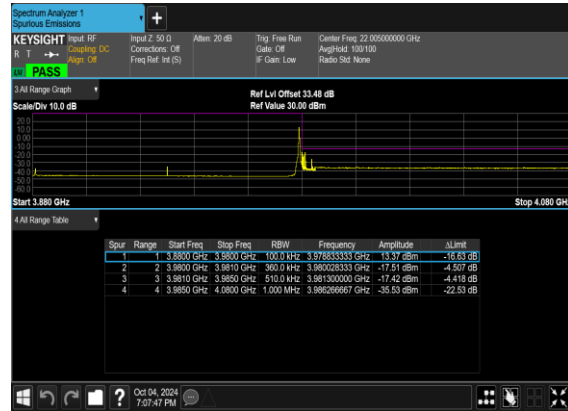




B41_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



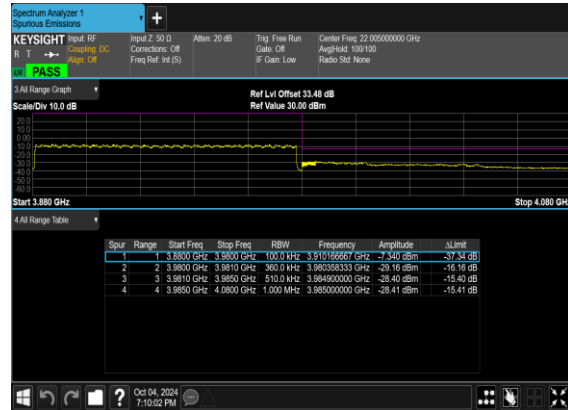
B41_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B41_N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B41_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 :	23~25°C
		Relative Humidity :	41~42%

RSE pre-scanned harmonic for different antennas, choose the worst antenna perform final test and record in the report.

n77 SA / 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)
Lowest	7416	-60.90	-13	-47.90	-71.11	3.03	13.24	H
	11112	-59.38	-13	-46.38	-68.83	3.56	13.01	H
	14820	-57.42	-13	-44.42	-66.94	3.92	13.44	H
	7416	-61.85	-13	-48.85	-72.06	3.03	13.24	V
	11112	-59.73	-13	-46.73	-69.18	3.56	13.01	V
	14820	-58.70	-13	-45.70	-68.22	3.92	13.44	V
Middle	7596	-59.41	-13	-46.41	-69.62	3.03	13.24	H
	11388	-60.16	-13	-47.16	-69.61	3.56	13.01	H
	15180	-58.24	-13	-45.24	-67.76	3.92	13.44	H
	7596	-61.00	-13	-48.00	-71.21	3.03	13.24	V
	11388	-60.18	-13	-47.18	-69.63	3.56	13.01	V
	15180	-58.37	-13	-45.37	-67.89	3.92	13.44	V
Highest	7776	-60.65	-13	-47.65	-70.86	3.03	13.24	H
	11652	-59.07	-13	-46.07	-68.52	3.56	13.01	H
	15540	-58.22	-13	-45.22	-67.74	3.92	13.44	H
	7776	-60.35	-13	-47.35	-70.56	3.03	13.24	V
	11652	-59.19	-13	-46.19	-68.64	3.56	13.01	V
	15540	-58.08	-13	-45.08	-67.60	3.92	13.44	V

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

EN DC_30A_n77A / LTE 10MHz + NR 100MHz / QPSK(ANT0+4) – other PA								
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)
Lowest	7416	-62.50	-13	-49.50	-72.71	3.03	13.24	H
	11112	-61.36	-13	-48.36	-70.81	3.56	13.01	H
	14820	-60.25	-13	-47.25	-69.77	3.92	13.44	H
	7416	-62.56	-13	-49.56	-72.77	3.03	13.24	V
	11112	-61.35	-13	-48.35	-70.80	3.56	13.01	V
	14820	-59.77	-13	-46.77	-69.29	3.92	13.44	V
Middle	7584	-50.13	-13	-37.13	-60.34	3.03	13.24	H
	11388	-62.10	-13	-49.10	-71.55	3.56	13.01	H
	15180	-60.15	-13	-47.15	-69.67	3.92	13.44	H
	7584	-48.68	-13	-35.68	-58.89	3.03	13.24	V
	11388	-61.61	-13	-48.61	-71.06	3.56	13.01	V
	15180	-60.15	-13	-47.15	-69.67	3.92	13.44	V
Highest	7764	-49.70	-13	-36.70	-59.91	3.03	13.24	H
	11652	-60.33	-13	-47.33	-69.78	3.56	13.01	H
	15540	-58.96	-13	-45.96	-68.48	3.92	13.44	H
	7764	-49.73	-13	-36.73	-59.94	3.03	13.24	V
	11652	-61.00	-13	-48.00	-70.45	3.56	13.01	V
	15540	-58.88	-13	-45.88	-68.40	3.92	13.44	V

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