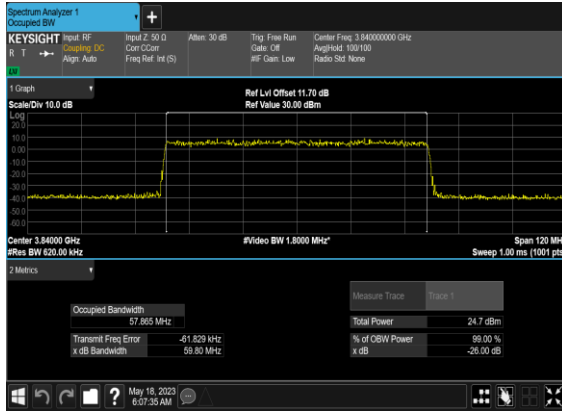
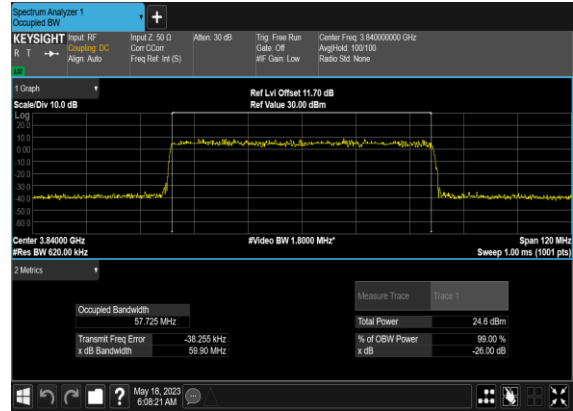


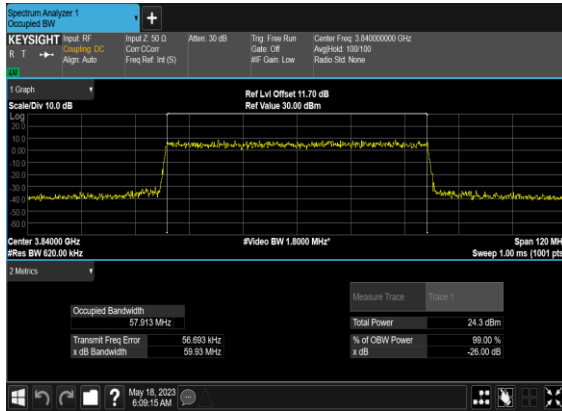
N77(60M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



N77(60M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



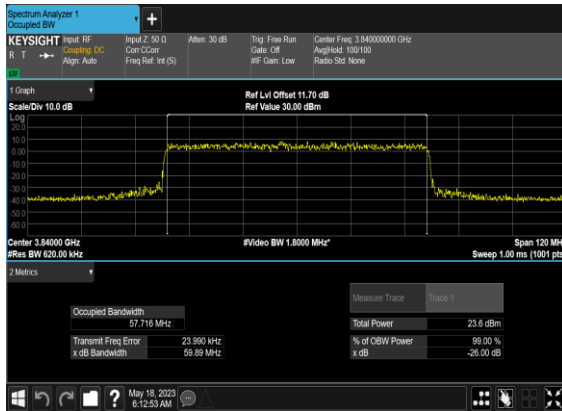
N77(60M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



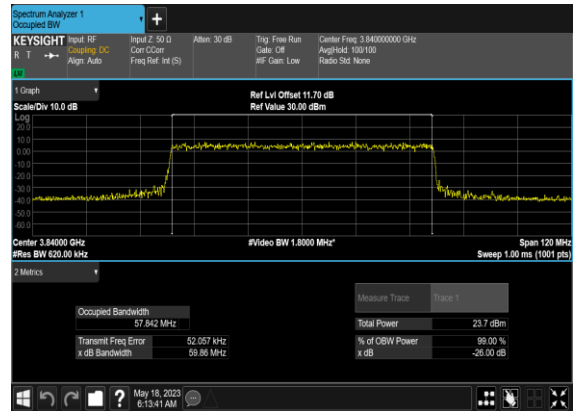
N77(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



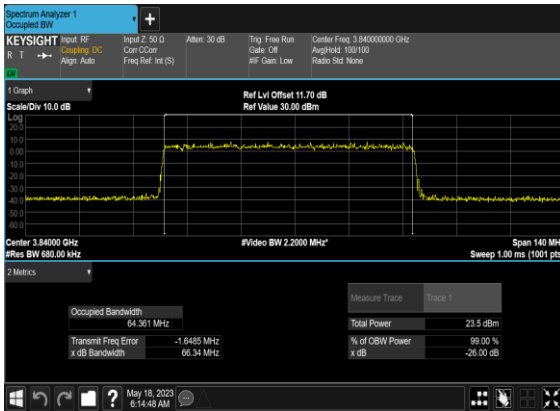
N77(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



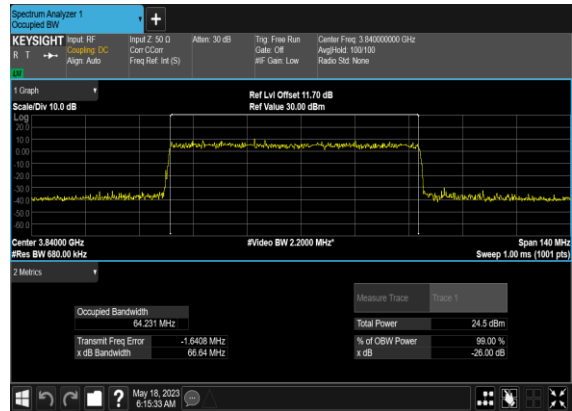
N77(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N77(70M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



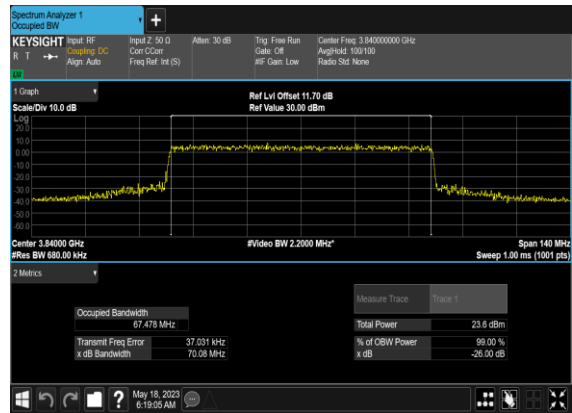
N77(70M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



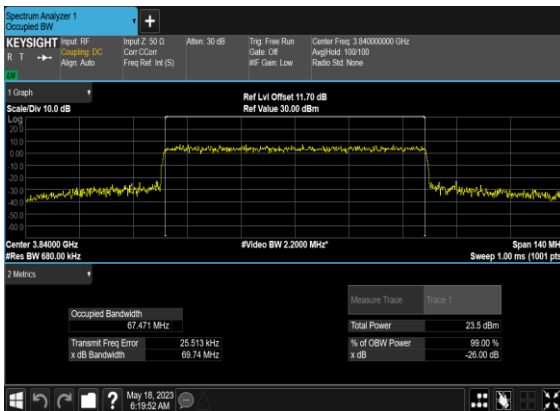
N77(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



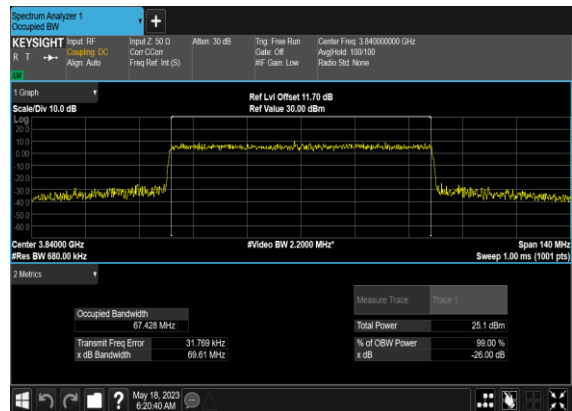
N77(70M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



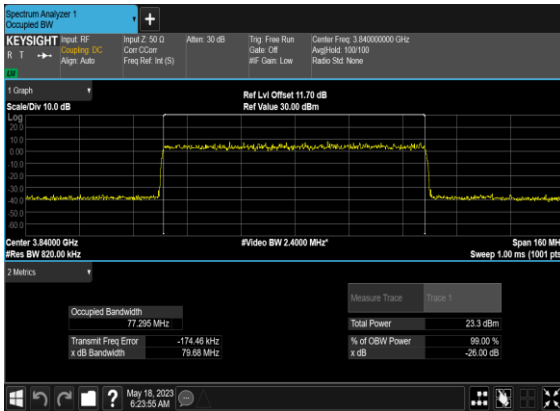
N77(70M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



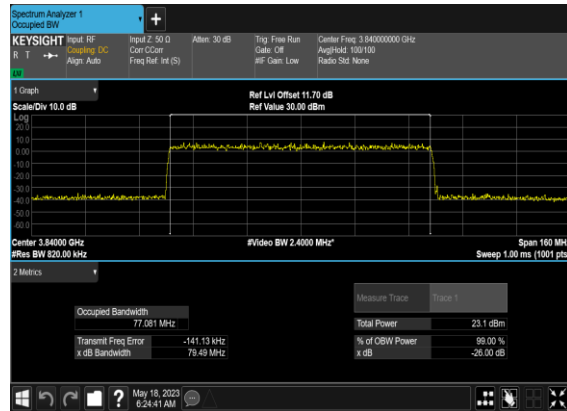
N77(70M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



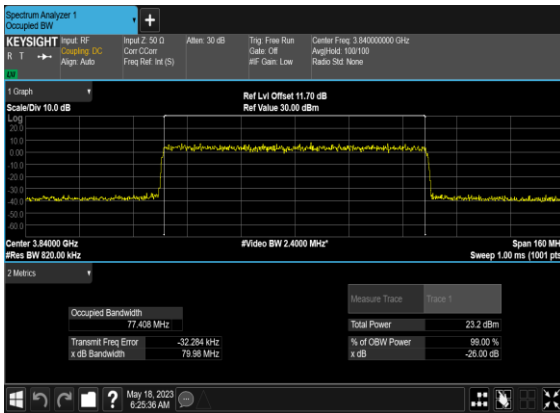
N77(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



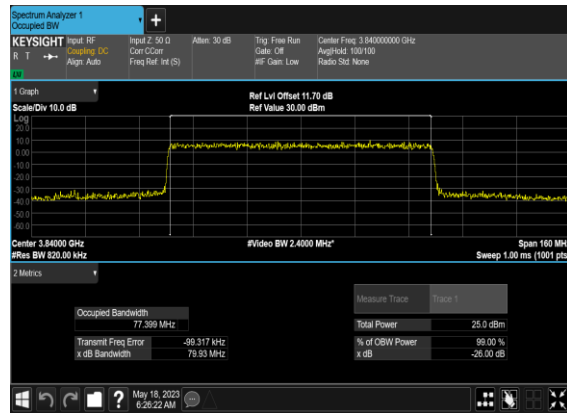
N77(80M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



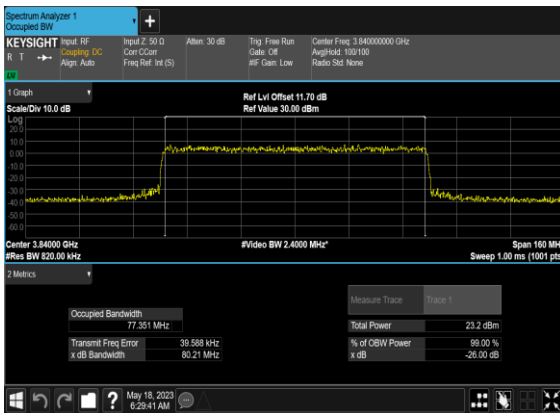
N77(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



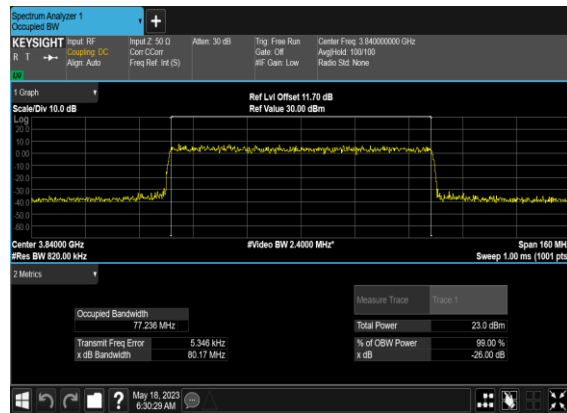
N77(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



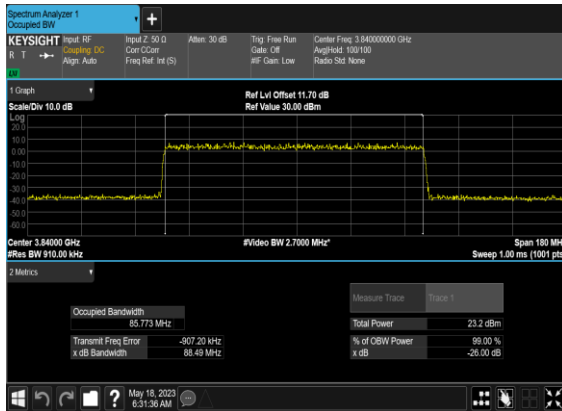
N77(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



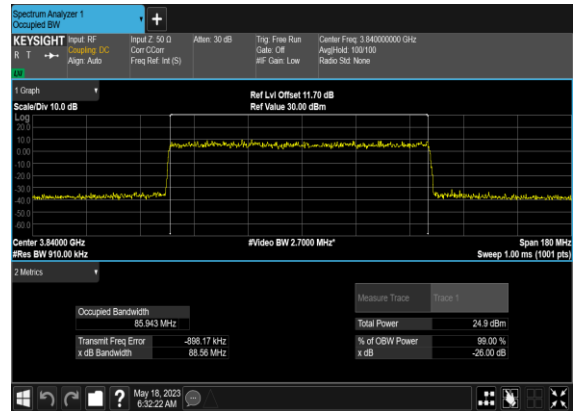
N77(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



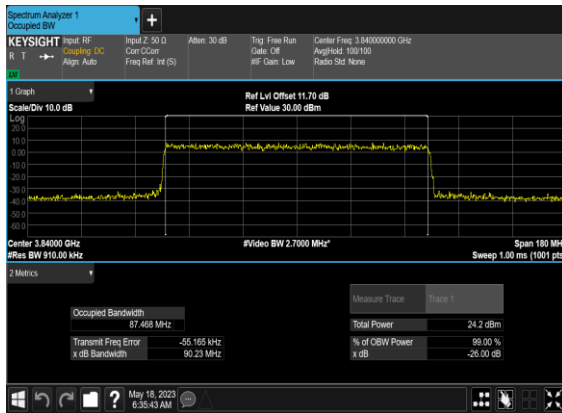
N77(90M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



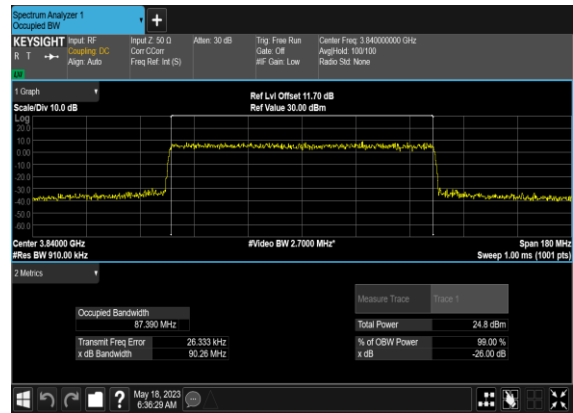
N77(90M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



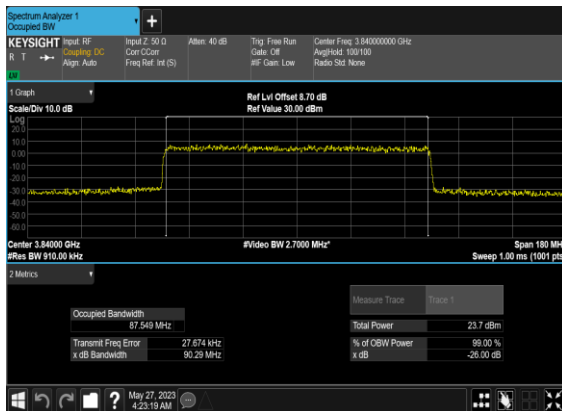
N77(90M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



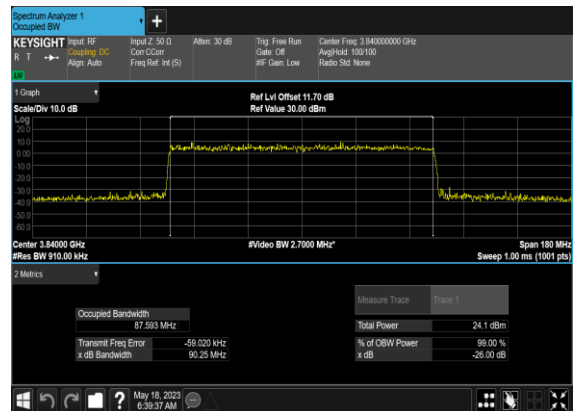
N77(90M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



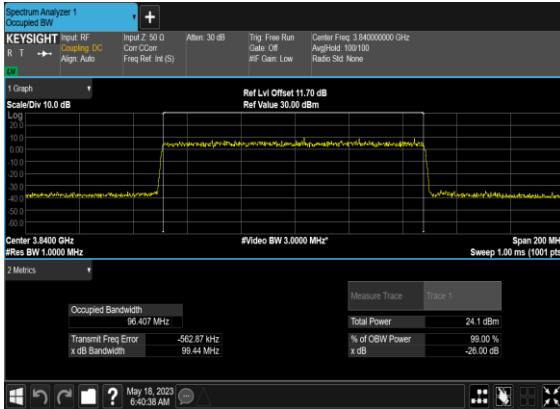
N77(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



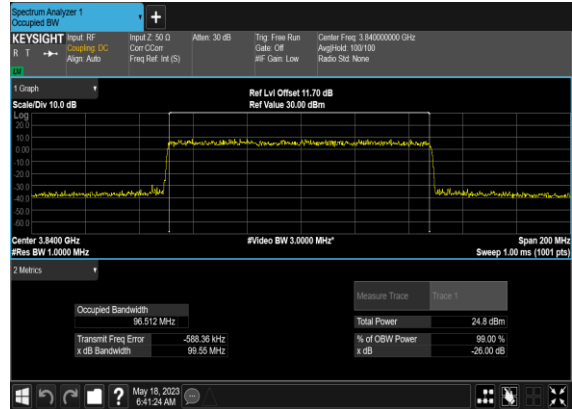
N77(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



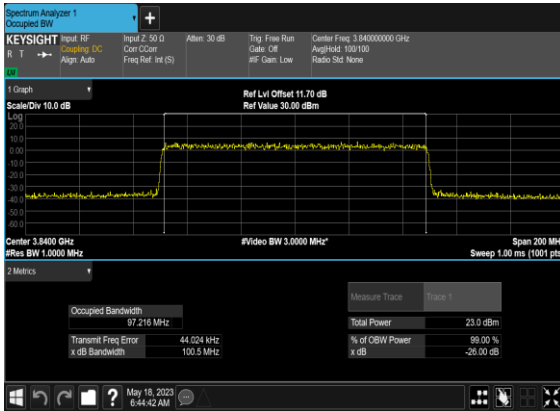
N77(100M)_DFT-s-OFDM_PI_2- BPSK_Outer_Full_Mid_CH



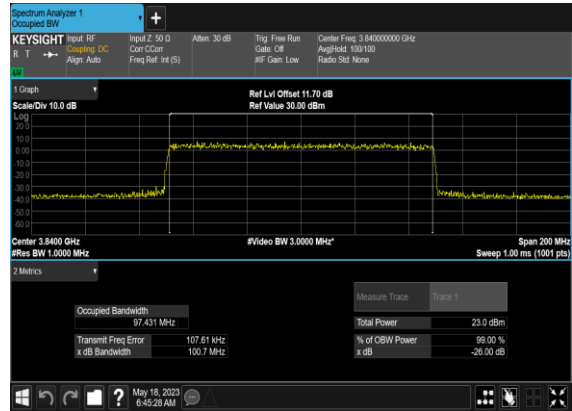
N77(100M)_DFT-s- OFDM_QPSK_Outer_Full_Mid_CH



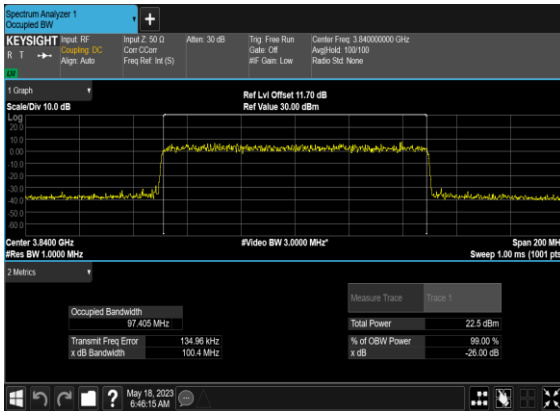
N77(100M)_CP- OFDM_QPSK_Outer_Full_Mid_CH



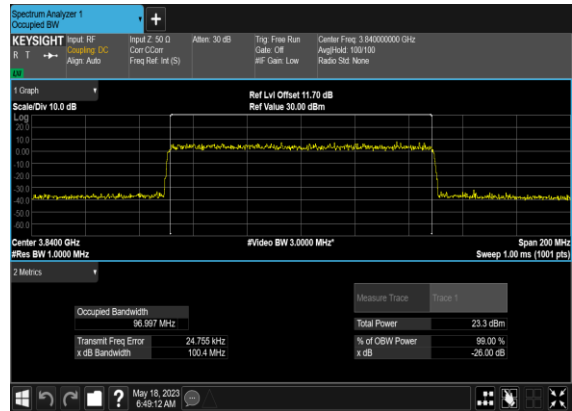
N77(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



N77(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



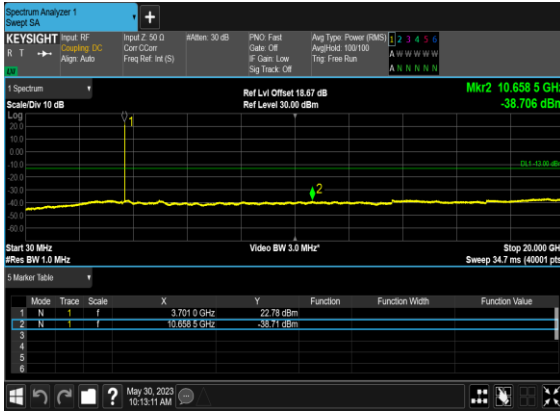
Conducted Spurious Emissions

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	---
77	30	10	647000	3705.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
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	---
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	647000	3705.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	10	665000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	10	665000	3975.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	648334	3725.01	DFT-s-OFDM BPSK	1@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	---

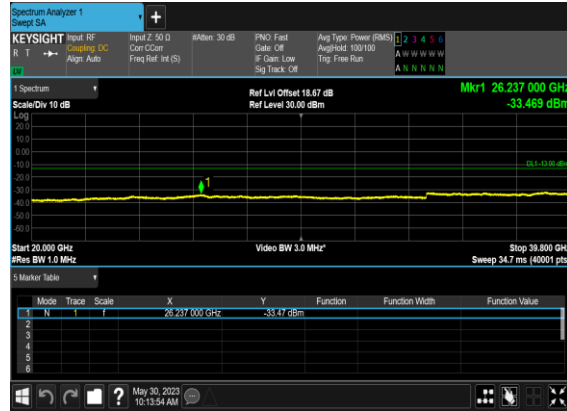
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	50	663666	3954.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	650000	3750.0	DFT-s-OFDM BPSK	1@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	---
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---

77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

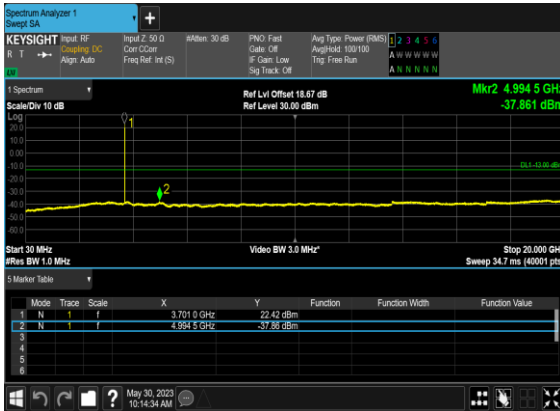
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



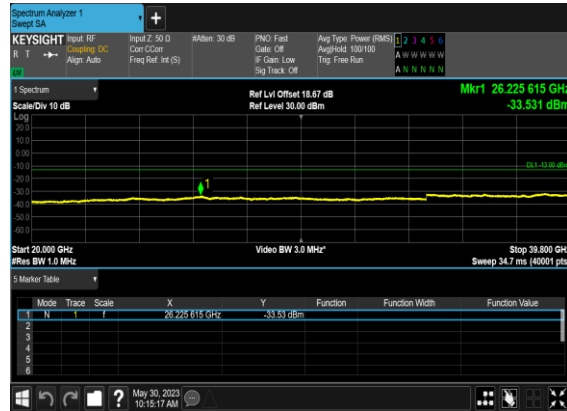
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



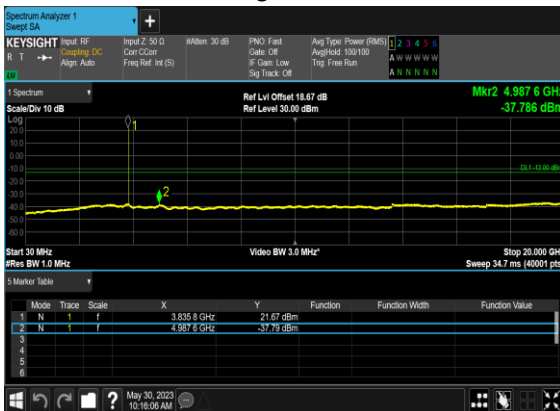
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



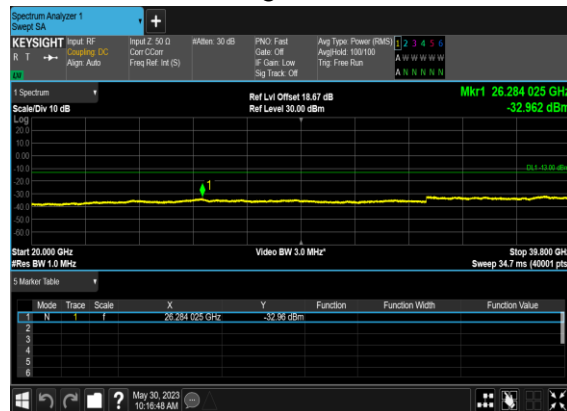
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



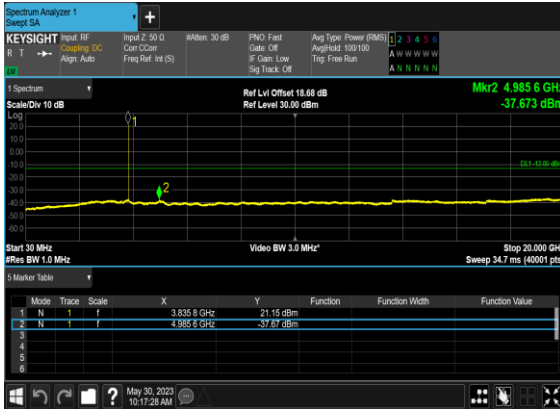
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



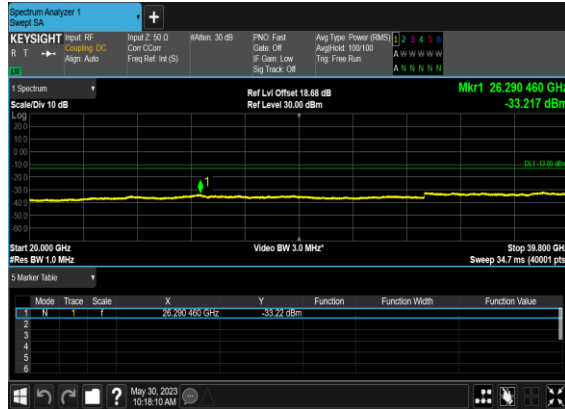
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



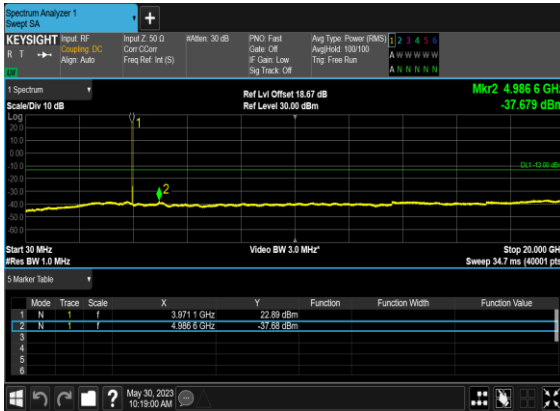
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



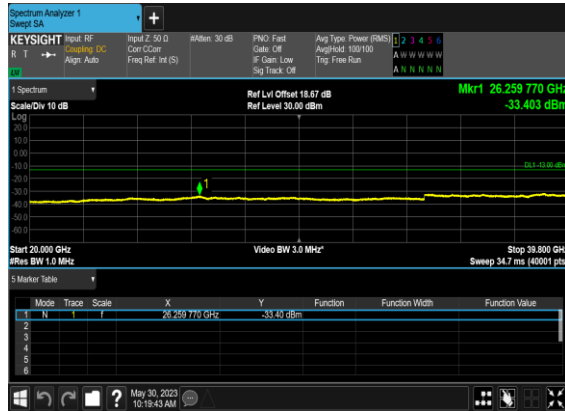
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



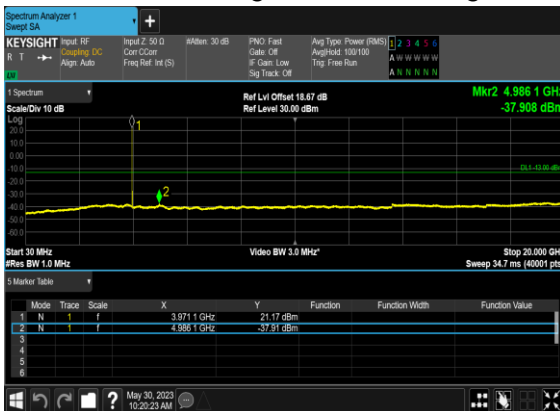
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



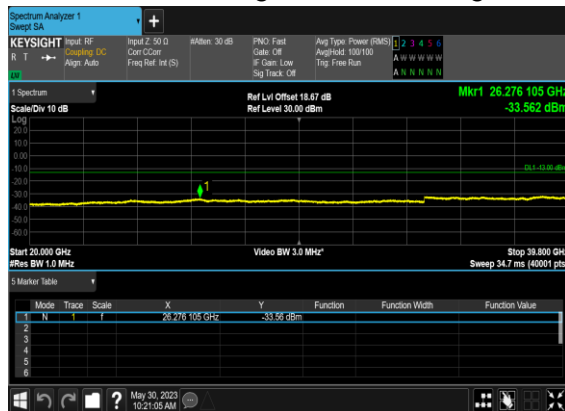
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



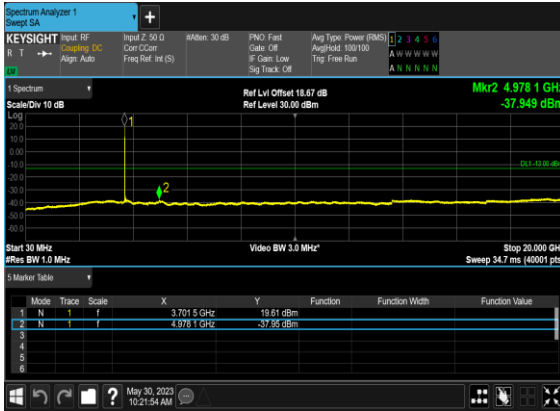
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



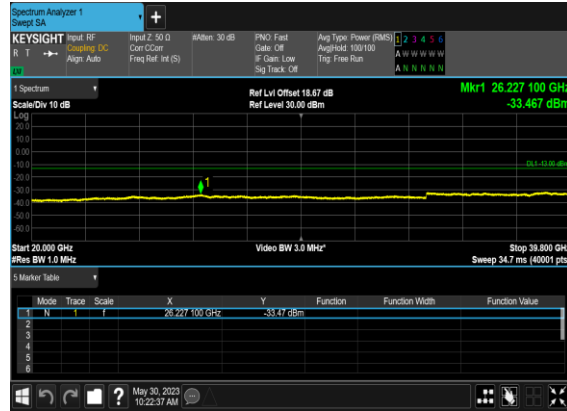
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



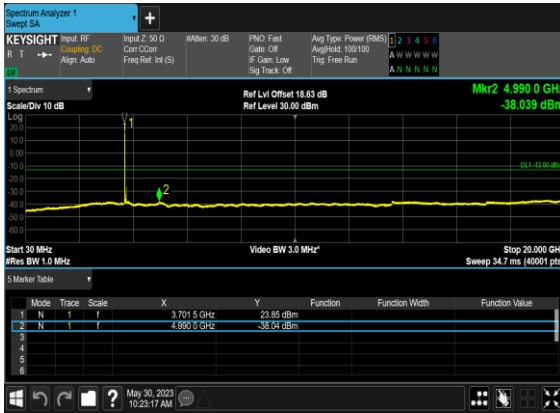
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



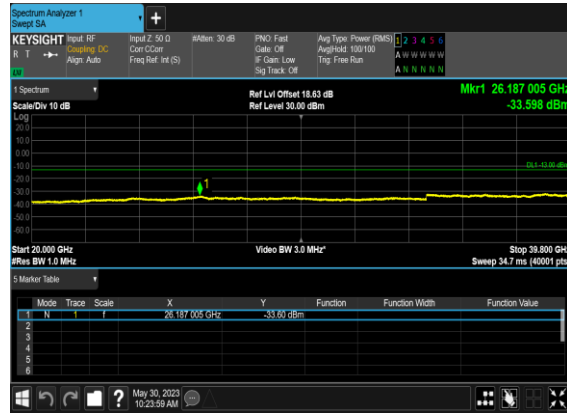
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



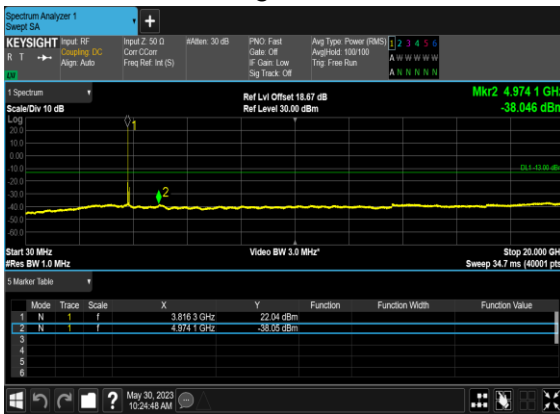
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



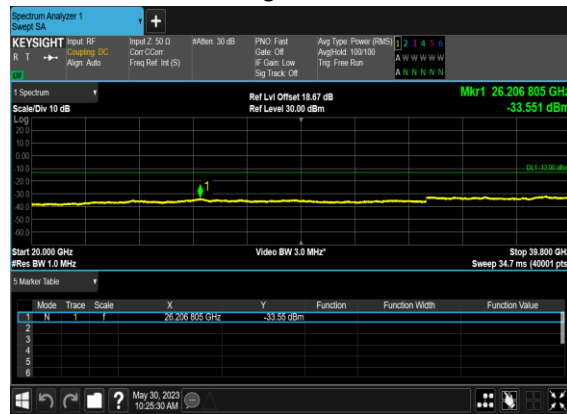
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



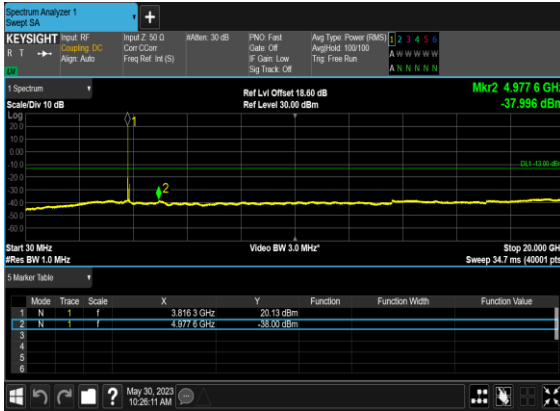
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



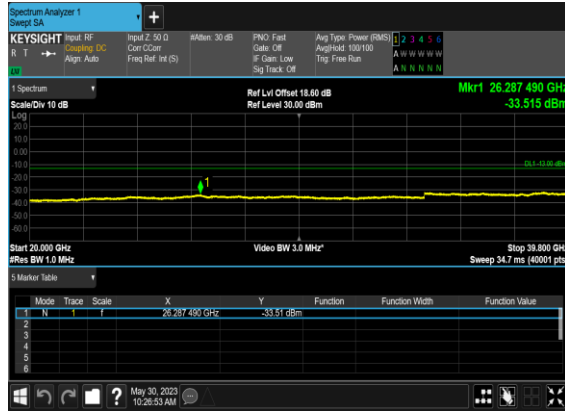
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



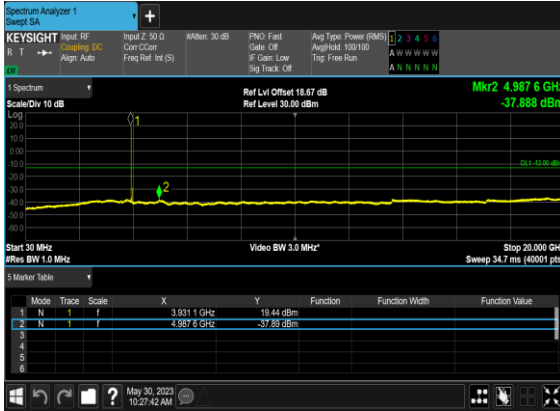
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



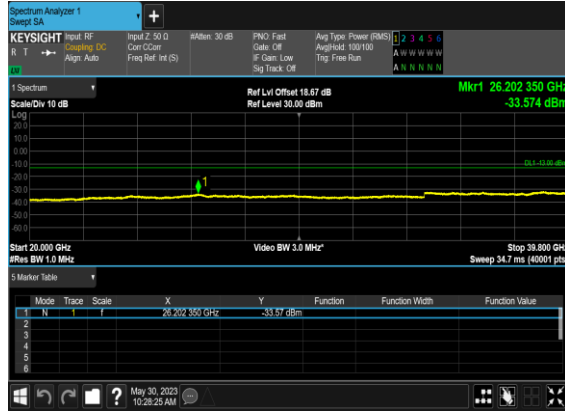
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



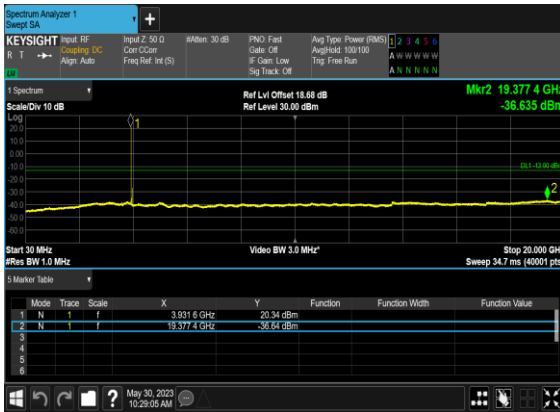
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



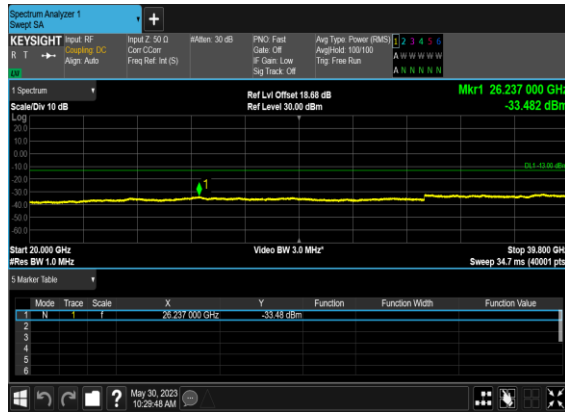
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



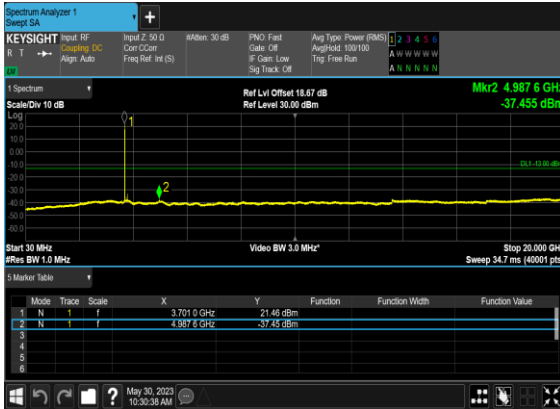
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



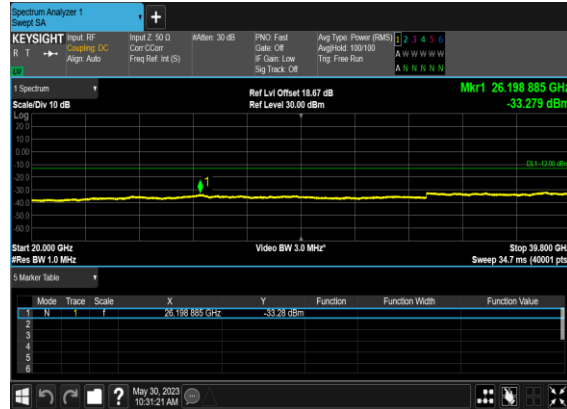
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



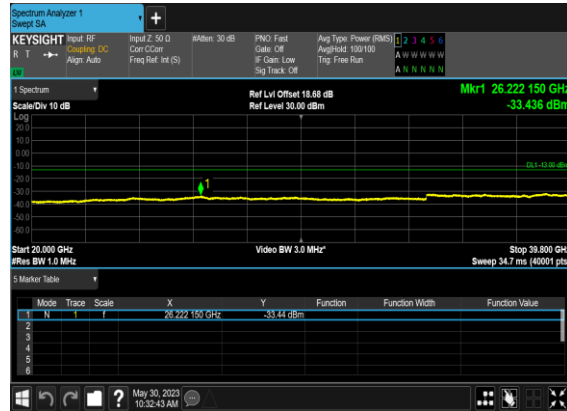
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



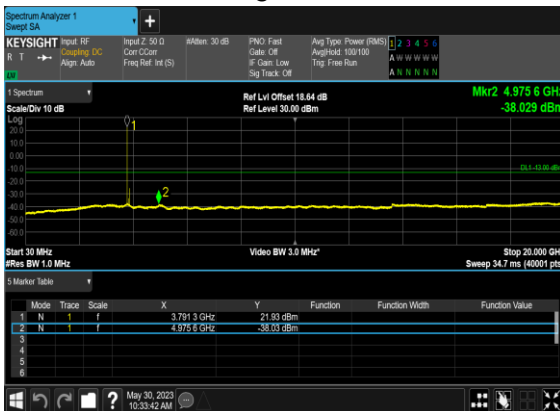
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



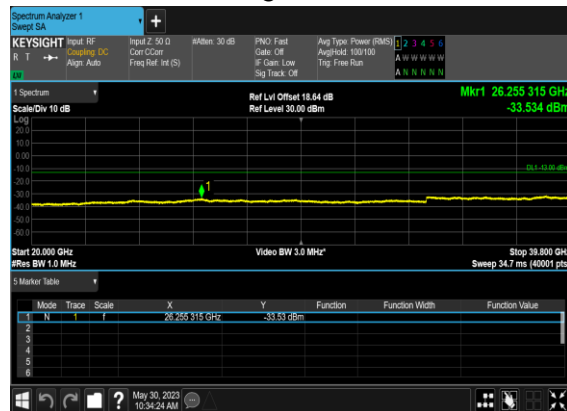
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



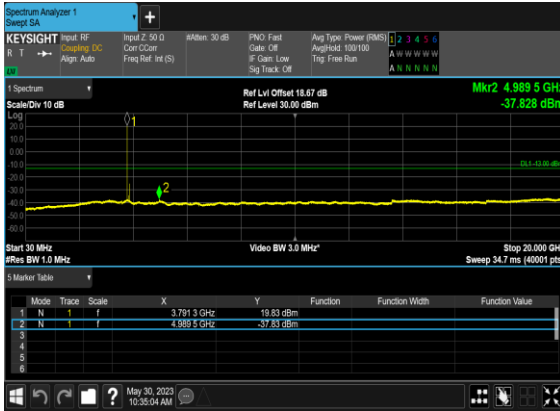
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



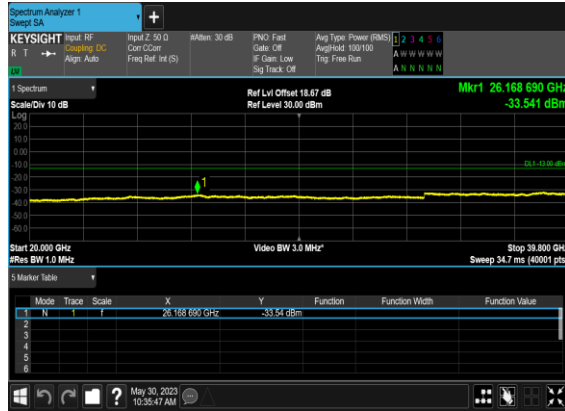
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



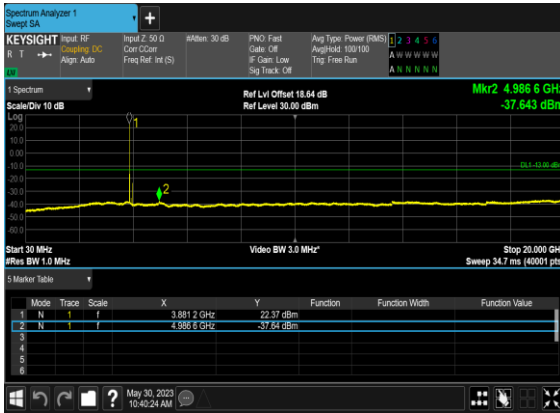
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



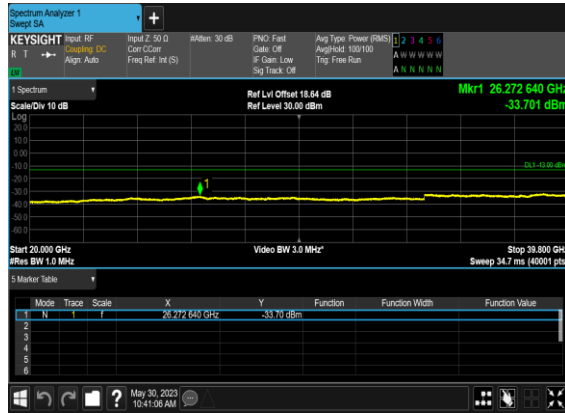
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



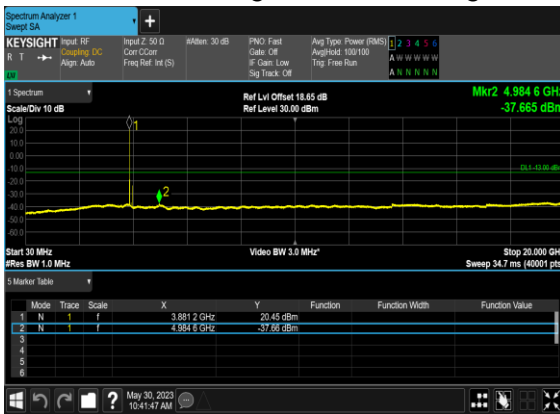
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



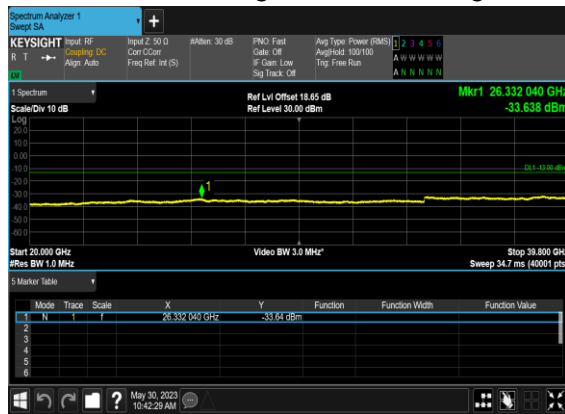
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



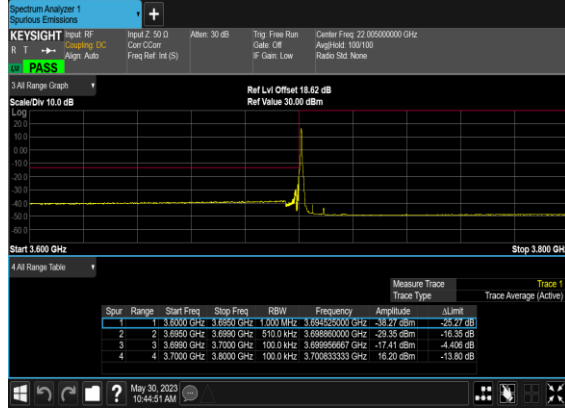
Conducted Band Edge

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

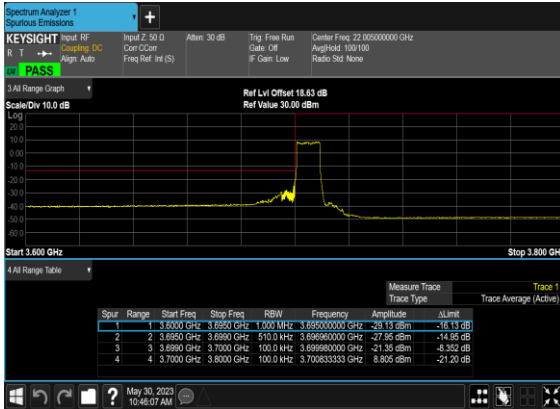
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



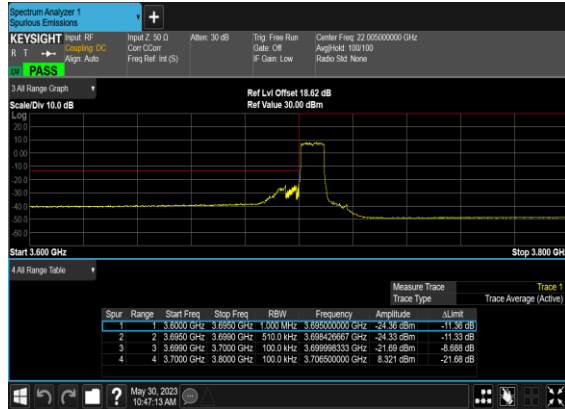
N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



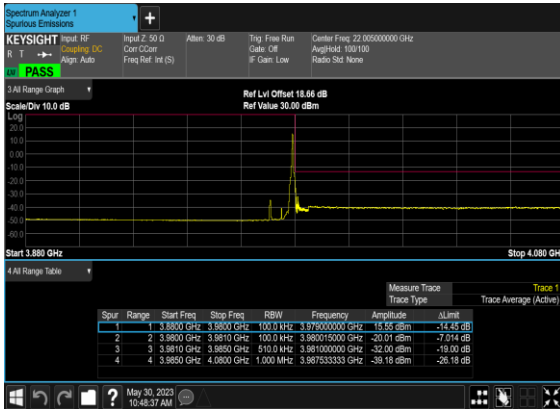
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



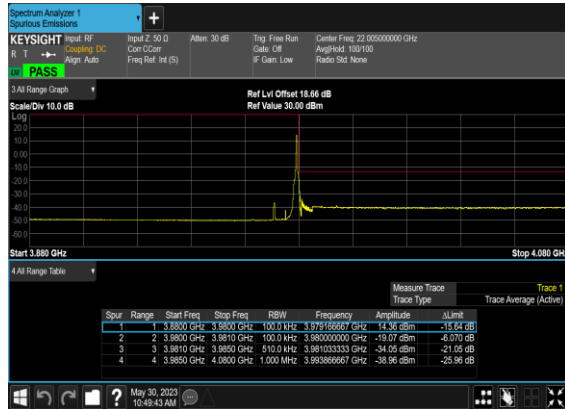
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



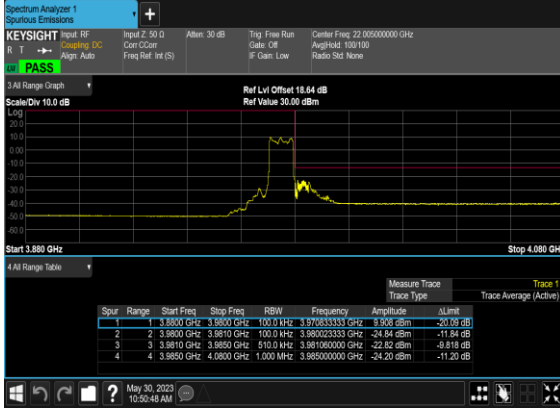
N77(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



N77(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



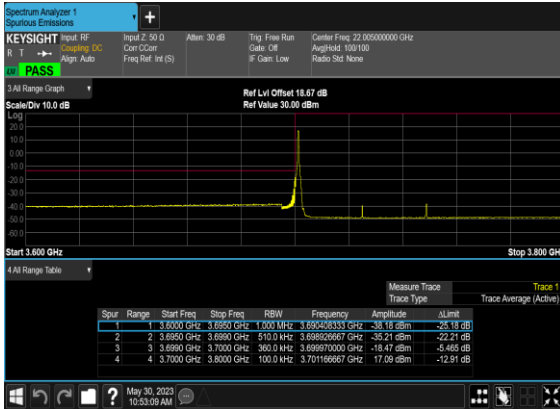
N77(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



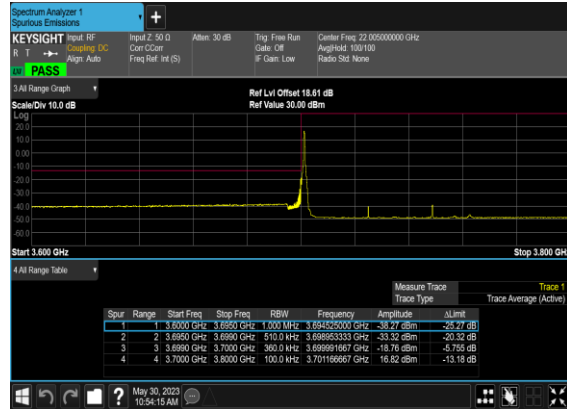
N77(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



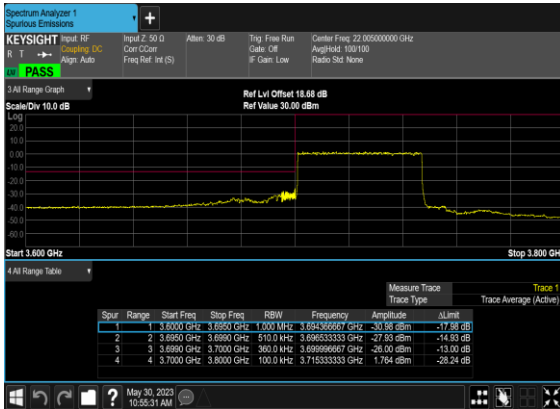
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



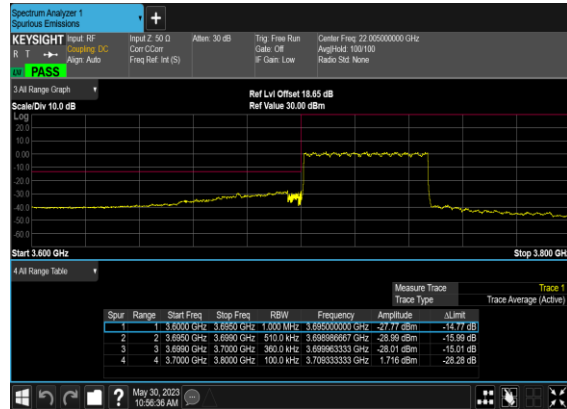
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



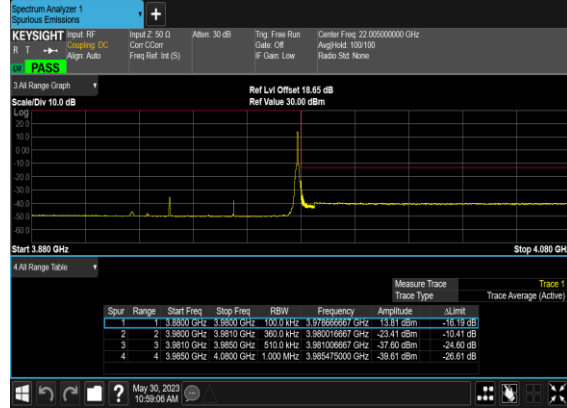
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



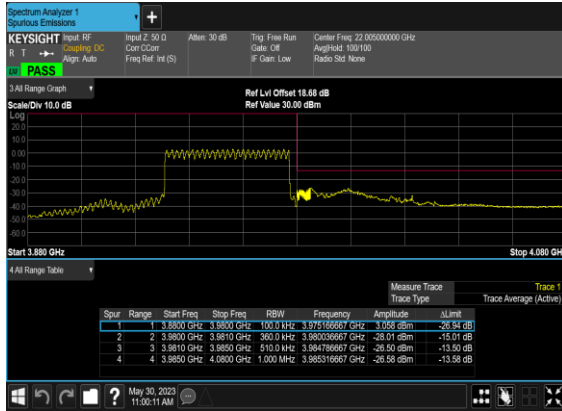
N77(50M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



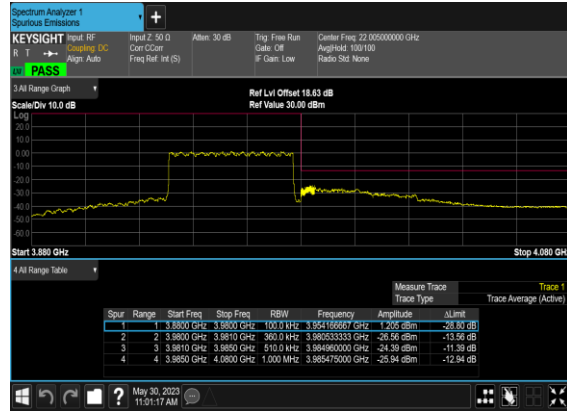
N77(50M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



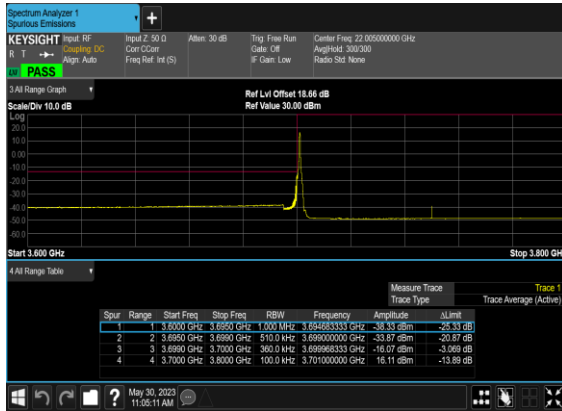
N77(50M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



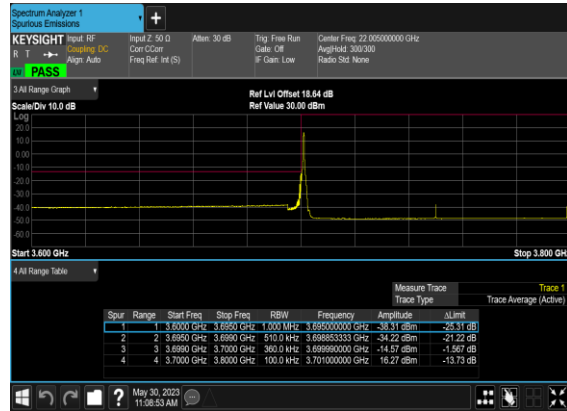
N77(50M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



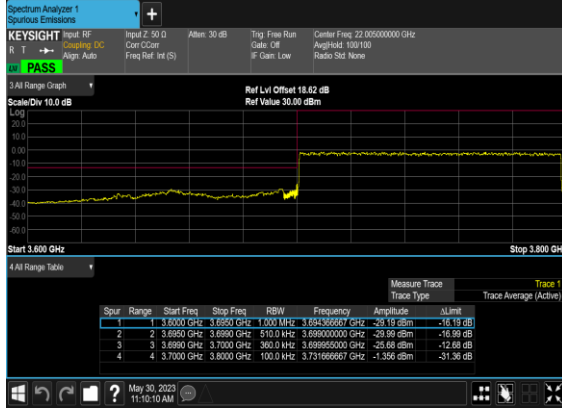
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



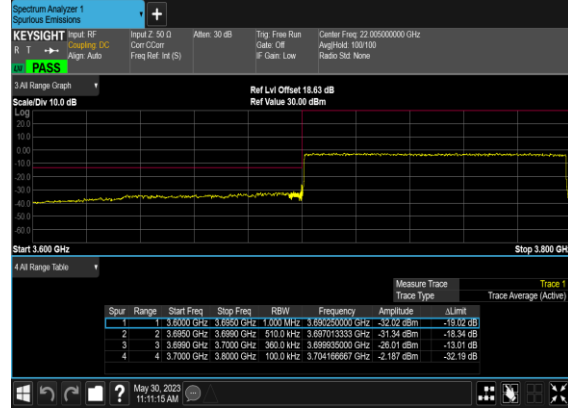
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



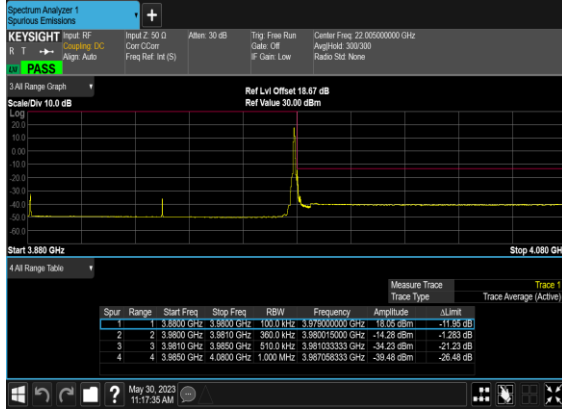
N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



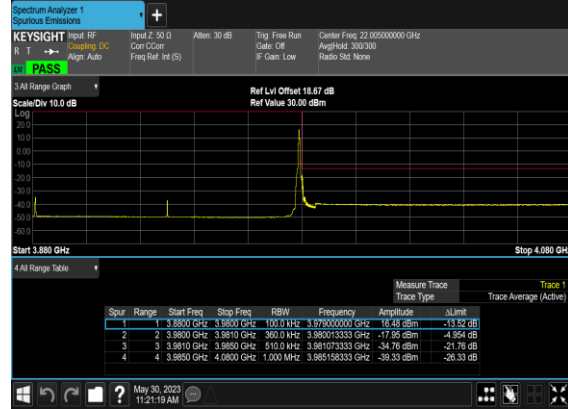
N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



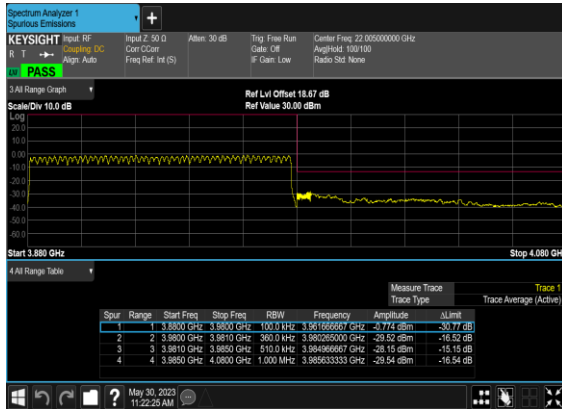
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



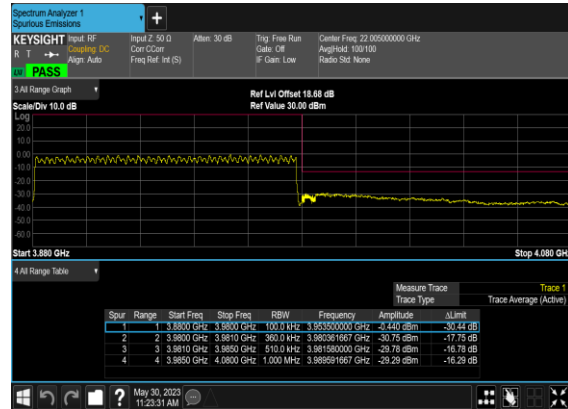
N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



FR1 N78 MIMO ANT3+2

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-2.4dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANT3 Power (dBm)	ANT2 Power (dBm)	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
78	30	10	647000	3705	CP-OFDM QPSK	1@1	19.05	19.33	22.20	19.8	0.0955
78	30	10	647000	3705	CP-OFDM 16 QAM	1@1	18.49	18.59	21.55	19.15	0.0822
78	30	10	650000	3750	CP-OFDM QPSK	1@1	18.47	19.23	21.88	19.48	0.0887
78	30	10	650000	3750	CP-OFDM 16 QAM	1@1	18.09	18.48	21.30	18.9	0.0776
78	30	10	653000	3795	CP-OFDM QPSK	1@1	18.54	18.9	21.73	19.33	0.0857
78	30	10	653000	3795	CP-OFDM 16 QAM	1@1	18.08	18.14	21.12	18.72	0.0745
78	30	15	647168	3707.52	CP-OFDM QPSK	1@1	19.25	19.55	22.41	20.01	0.1002
78	30	15	647168	3707.52	CP-OFDM 16 QAM	1@1	18.74	18.82	21.79	19.39	0.0869
78	30	15	650000	3750	CP-OFDM QPSK	1@1	18.68	19.49	22.11	19.71	0.0935
78	30	15	650000	3750	CP-OFDM 16 QAM	1@1	18.12	18.72	21.44	19.04	0.0802
78	30	15	652832	3792.48	CP-OFDM QPSK	1@1	18.67	19.04	21.87	19.47	0.0885
78	30	15	652832	3792.48	CP-OFDM 16 QAM	1@1	18.01	18.37	21.20	18.8	0.0759
78	30	20	647334	3710.01	CP-OFDM QPSK	1@1	19.22	19.51	22.38	19.98	0.0995
78	30	20	647334	3710.01	CP-OFDM 16 QAM	1@1	18.72	18.84	21.79	19.39	0.0869
78	30	20	650000	3750	CP-OFDM QPSK	1@1	18.62	19.45	22.07	19.67	0.0927
78	30	20	650000	3750	CP-OFDM 16 QAM	1@1	18.18	18.69	21.45	19.05	0.0804
78	30	20	652666	3789.99	CP-OFDM QPSK	1@1	18.58	19.21	21.92	19.52	0.0895
78	30	20	652666	3789.99	CP-OFDM 16 QAM	1@1	18.07	18.48	21.29	18.89	0.0774
78	30	30	647668	3715.02	CP-OFDM QPSK	1@1	19.25	19.56	22.42	20.02	0.1005
78	30	30	647668	3715.02	CP-OFDM 16 QAM	1@1	18.77	18.91	21.85	19.45	0.0881
78	30	30	650000	3750	CP-OFDM QPSK	1@1	18.74	19.48	22.14	19.74	0.0942
78	30	30	650000	3750	CP-OFDM 16 QAM	1@1	18.31	18.7	21.52	19.12	0.0817
78	30	30	652332	3784.98	CP-OFDM QPSK	1@1	18.59	19.32	21.98	19.58	0.0908
78	30	30	652332	3784.98	CP-OFDM 16 QAM	1@1	18.06	18.59	21.34	18.94	0.0783
78	30	40	648000	3720	CP-OFDM QPSK	1@1	19.28	19.56	22.43	20.03	0.1007
78	30	40	648000	3720	CP-OFDM 16 QAM	1@1	18.87	18.94	21.92	19.52	0.0895
78	30	40	650000	3750	CP-OFDM QPSK	1@1	18.86	19.53	22.22	19.82	0.0959
78	30	40	650000	3750	CP-OFDM 16 QAM	1@1	18.36	18.87	21.63	19.23	0.0838
78	30	40	652000	3750	CP-OFDM QPSK	1@1	18.99	19.56	22.29	19.89	0.0975
78	30	40	652000	3780	CP-OFDM 16 QAM	1@1	18.25	18.77	21.53	19.13	0.0818
78	30	50	648334	3725.01	CP-OFDM QPSK	1@1	19.09	19.41	22.26	19.86	0.0968
78	30	50	648334	3725.01	CP-OFDM 16 QAM	1@1	18.1	18.56	21.35	18.95	0.0785
78	30	50	650000	3750	CP-OFDM QPSK	1@1	18.71	19.38	22.07	19.67	0.0927
78	30	50	650000	3750	CP-OFDM 16 QAM	1@1	18.18	18.68	21.45	19.05	0.0804
78	30	50	651666	3774.99	CP-OFDM QPSK	1@1	18.45	19.23	21.87	19.47	0.0885
78	30	50	651666	3774.99	CP-OFDM 16 QAM	1@1	17.9	18.52	21.23	18.83	0.0764
78	30	60	648668	3730.02	CP-OFDM QPSK	1@1	19.01	19.34	22.19	19.79	0.0953
78	30	60	648668	3730.02	CP-OFDM 16 QAM	1@1	18.63	18.61	21.63	19.23	0.0838
78	30	60	650000	3750	CP-OFDM QPSK	1@1	18.69	19.32	22.03	19.63	0.0918

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANT3 Power (dBm)	ANT2 Power (dBm)	Conducted Power (dBm)	EIRP (dBm)	EIRP (W)
78	30	60	650000	3750	CP-OFDM 16 QAM	1@1	18.41	18.54	21.49	19.09	0.0811
78	30	60	651332	3769.98	CP-OFDM QPSK	1@1	18.52	19.25	21.91	19.51	0.0893
78	30	60	651332	3769.98	CP-OFDM 16 QAM	1@1	17.95	18.51	21.25	18.85	0.0767
78	30	70	649000	3735	CP-OFDM QPSK	1@1	19.05	19.35	22.21	19.81	0.0957
78	30	70	649000	3735	CP-OFDM 16 QAM	1@1	18.45	18.66	21.57	19.17	0.0826
78	30	70	650000	3750	CP-OFDM QPSK	1@1	18.76	19.31	22.05	19.65	0.0923
78	30	70	650000	3750	CP-OFDM 16 QAM	1@1	18.25	18.58	21.43	19.03	0.0800
78	30	70	651000	3750	CP-OFDM QPSK	1@1	18.79	19.22	22.02	19.62	0.0916
78	30	70	651000	3750	CP-OFDM 16 QAM	1@1	18.2	18.54	21.38	18.98	0.0791
78	30	80	649334	3740.01	CP-OFDM QPSK	1@1	19.02	19.27	22.16	19.76	0.0946
78	30	80	649334	3740.01	CP-OFDM 16 QAM	1@1	18.5	18.52	21.52	19.12	0.0817
78	30	80	650000	3750	CP-OFDM QPSK	1@1	18.81	19.26	22.05	19.65	0.0923
78	30	80	650000	3750	CP-OFDM 16 QAM	1@1	18.39	18.42	21.42	19.02	0.0798
78	30	80	650666	3759.99	CP-OFDM QPSK	1@1	18.63	19.13	21.90	19.5	0.0891
78	30	80	650666	3759.99	CP-OFDM 16 QAM	1@1	18.32	18.38	21.36	18.96	0.0787
78	30	90	649668	3745.02	CP-OFDM QPSK	1@1	18.97	19.29	22.14	19.74	0.0942
78	30	90	649668	3745.02	CP-OFDM 16 QAM	1@1	18.53	18.56	21.56	19.16	0.0824
78	30	90	650000	3750	CP-OFDM QPSK	1@1	18.78	19.25	22.03	19.63	0.0918
78	30	90	650000	3750	CP-OFDM 16 QAM	1@1	18.36	18.51	21.45	19.05	0.0804
78	30	90	650332	3754.98	CP-OFDM QPSK	1@1	18.74	19.24	22.01	19.61	0.0914
78	30	90	650332	3754.98	CP-OFDM 16 QAM	1@1	18.39	18.42	21.42	19.02	0.0798
78	30	100	650000	3750	CP-OFDM QPSK	137@68	18.48	19.03	21.77	19.37	0.0865
78	30	100	650000	3750	CP-OFDM QPSK	1@1	19.28	19.7	22.51	20.11	0.1026
78	30	100	650000	3750	CP-OFDM QPSK	1@271	18.28	18.77	21.54	19.14	0.0820
78	30	100	650000	3750	CP-OFDM 16 QAM	137@68	17.97	18.54	21.27	18.87	0.0771
78	30	100	650000	3750	CP-OFDM 16 QAM	1@1	18.59	18.5	21.56	19.16	0.0824
78	30	100	650000	3750	CP-OFDM 16 QAM	1@271	18.08	18.05	21.08	18.68	0.0738
78	30	100	650000	3750	CP-OFDM 64 QAM	137@68	16.49	17.06	19.79	17.39	0.0548
78	30	100	650000	3750	CP-OFDM 64 QAM	1@1	16.87	17.05	19.97	17.57	0.0571
78	30	100	650000	3750	CP-OFDM 64 QAM	1@271	16.37	16.62	19.51	17.11	0.0514
78	30	100	650000	3750	CP-OFDM 256 QAM	137@68	13.49	14.07	16.80	14.4	0.0275
78	30	100	650000	3750	CP-OFDM 256 QAM	1@1	13.83	14.24	17.05	14.65	0.0292
78	30	100	650000	3750	CP-OFDM 256 QAM	1@271	13.3	13.81	16.57	14.17	0.0261



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carl Ni	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(ANT1)								
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	7410	-62.08	-13	-49.08	-72.29	3.03	13.24	H
	11112	-60.94	-13	-47.94	-70.39	3.56	13.01	H
	14820	-59.21	-13	-46.21	-68.73	3.92	13.44	H
	7410	-62.30	-13	-49.30	-72.51	3.03	13.24	V
	11112	-60.77	-13	-47.77	-70.22	3.56	13.01	V
	14820	-58.60	-13	-45.60	-68.12	3.92	13.44	V
Middle	7590	-61.88	-13	-48.88	-72.09	3.03	13.24	H
	11388	-59.90	-13	-46.90	-69.35	3.56	13.01	H
	15180	-57.54	-13	-44.54	-67.06	3.92	13.44	H
	7590	-62.30	-13	-49.30	-72.51	3.03	13.24	V
	11388	-60.25	-13	-47.25	-69.70	3.56	13.01	V
	15180	-58.41	-13	-45.41	-67.93	3.92	13.44	V
Highest	7770	-62.38	-13	-49.38	-72.59	3.03	13.24	H
	11652	-59.59	-13	-46.59	-69.04	3.56	13.01	H
	15540	-57.87	-13	-44.87	-67.39	3.92	13.44	H
	7770	-62.30	-13	-49.30	-72.51	3.03	13.24	V
	11652	-59.63	-13	-46.63	-69.08	3.56	13.01	V
	15540	-57.90	-13	-44.90	-67.42	3.92	13.44	V

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



EN-DC_14A_n77A / LTE 10MHz + NR 100MHz / QPSK(ANT0+2)								
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	-62.34	-13	-49.34	-72.55	3.03	13.24	H
	11112	-60.64	-13	-47.64	-70.09	3.56	13.01	H
	14820	-59.33	-13	-46.33	-68.85	3.92	13.44	H
	7416	-61.60	-13	-48.60	-71.81	3.03	13.24	V
	11112	-60.52	-13	-47.52	-69.97	3.56	13.01	V
	14820	-58.95	-13	-45.95	-68.47	3.92	13.44	V
Middle	7584	-62.40	-13	-49.40	-72.61	3.03	13.24	H
	11388	-60.22	-13	-47.22	-69.67	3.56	13.01	H
	15180	-58.38	-13	-45.38	-67.90	3.92	13.44	H
	7584	-62.08	-13	-49.08	-72.29	3.03	13.24	V
	11388	-60.29	-13	-47.29	-69.74	3.56	13.01	V
	15180	-58.49	-13	-45.49	-68.01	3.92	13.44	V
Highest	7776	-61.94	-13	-48.94	-72.15	3.03	13.24	H
	11652	-59.72	-13	-46.72	-69.17	3.56	13.01	H
	15540	-58.50	-13	-45.50	-68.02	3.92	13.44	H
	7776	-62.11	-13	-49.11	-72.32	3.03	13.24	V
	11652	-59.85	-13	-46.85	-69.30	3.56	13.01	V
	15540	-58.49	-13	-45.49	-68.01	3.92	13.44	V

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

n77 UL MIMO / NR 100+100MHz / QPSK(ANT3+2)								
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	7404	-55.56	-13	-42.56	-65.77	3.03	13.24	H
	11100	-53.89	-13	-40.89	-63.34	3.56	13.01	H
	14820	-58.94	-13	-45.94	-68.46	3.92	13.44	H
	7404	-59.89	-13	-46.89	-70.10	3.03	13.24	V
	11100	-56.07	-13	-43.07	-65.52	3.56	13.01	V
	14820	-59.19	-13	-46.19	-68.71	3.92	13.44	V
Middle	7584	-57.40	-13	-44.40	-67.61	3.03	13.24	H
	11376	-57.05	-13	-44.05	-66.50	3.56	13.01	H
	15180	-58.34	-13	-45.34	-67.86	3.92	13.44	H
	7584	-61.59	-13	-48.59	-71.80	3.03	13.24	V
	11376	-59.98	-13	-46.98	-69.43	3.56	13.01	V
	15180	-58.15	-13	-45.15	-67.67	3.92	13.44	V
Highest	7764	-50.96	-13	-37.96	-61.17	3.03	13.24	H
	11640	-58.09	-13	-45.09	-67.54	3.56	13.01	H
	15540	-58.38	-13	-45.38	-67.90	3.92	13.44	H
	7764	-59.30	-13	-46.30	-69.51	3.03	13.24	V
	11640	-59.54	-13	-46.54	-68.99	3.56	13.01	V
	15540	-58.26	-13	-45.26	-67.78	3.92	13.44	V

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



For Other PA:

EN-DC_30A_n77A / LTE 10MHz + NR 100MHz / QPSK(0+2)								
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	-61.94	-13	-48.94	-72.15	3.03	13.24	H
	11112	-60.86	-13	-47.86	-70.31	3.56	13.01	H
	14820	-59.25	-13	-46.25	-68.77	3.92	13.44	H
	7416	-62.50	-13	-49.50	-72.71	3.03	13.24	V
	11112	-60.52	-13	-47.52	-69.97	3.56	13.01	V
	14820	-59.10	-13	-46.10	-68.62	3.92	13.44	V
Middle	7596	-62.12	-13	-49.12	-72.33	3.03	13.24	H
	11388	-60.13	-13	-47.13	-69.58	3.56	13.01	H
	15180	-58.15	-13	-45.15	-67.67	3.92	13.44	H
	7596	-62.40	-13	-49.40	-72.61	3.03	13.24	V
	11388	-60.19	-13	-47.19	-69.64	3.56	13.01	V
	15180	-58.14	-13	-45.14	-67.66	3.92	13.44	V
Highest	7776	-62.05	-13	-49.05	-72.26	3.03	13.24	H
	11652	-59.78	-13	-46.78	-69.23	3.56	13.01	H
	15540	-58.17	-13	-45.17	-67.69	3.92	13.44	H
	7776	-61.86	-13	-48.86	-72.07	3.03	13.24	V
	11652	-59.77	-13	-46.77	-69.22	3.56	13.01	V
	15540	-57.89	-13	-44.89	-67.41	3.92	13.44	V

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