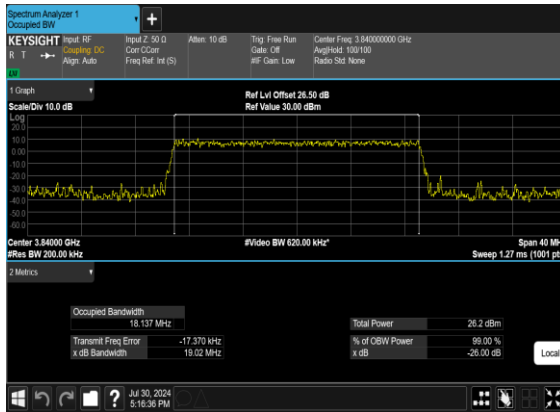
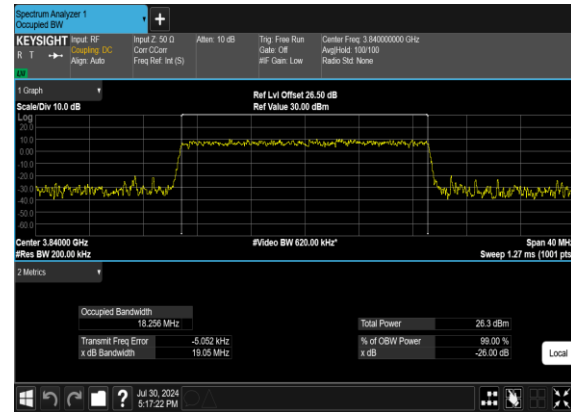




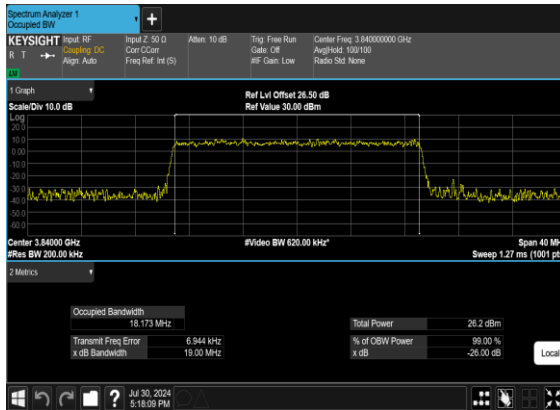
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



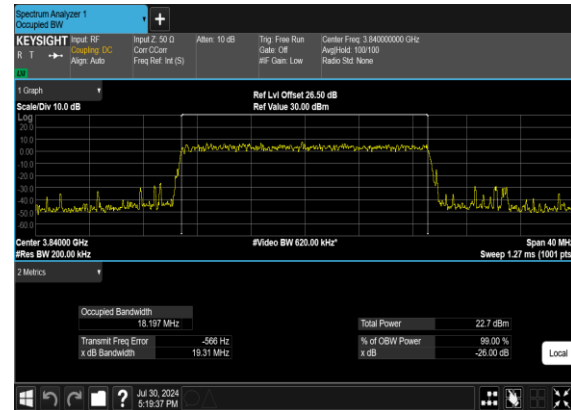
N77(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

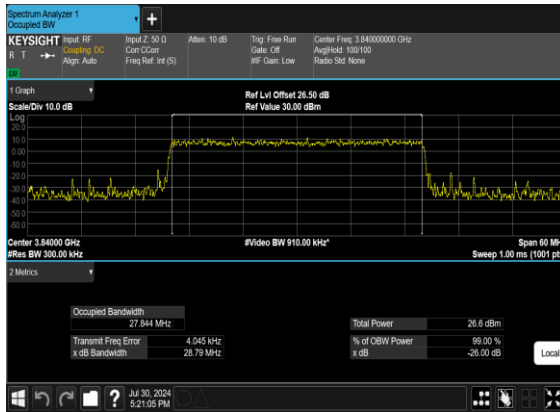


N77(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

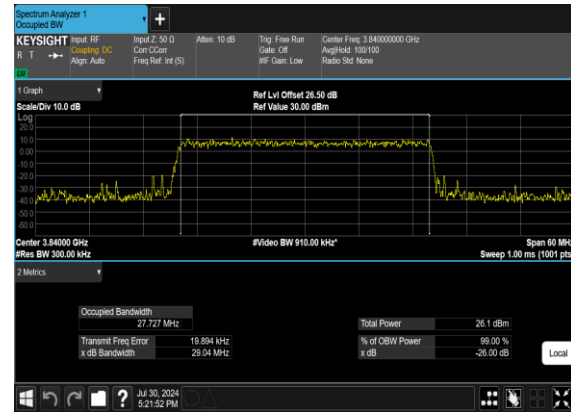




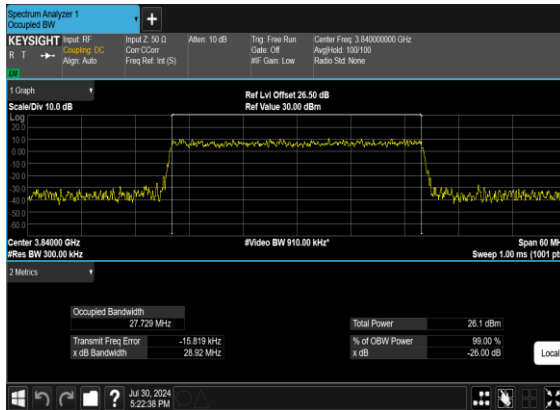
N77(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



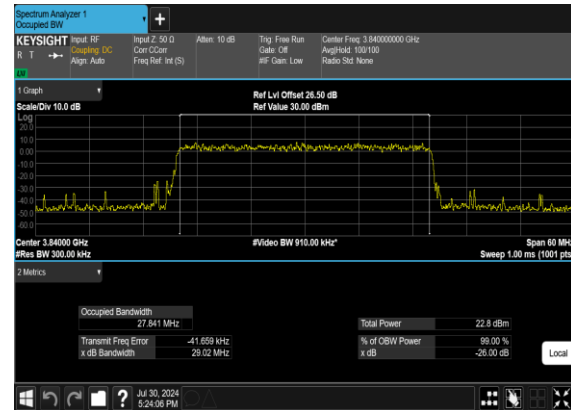
N77(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

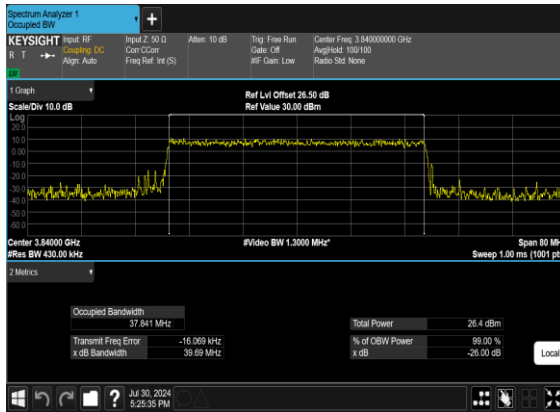


N77(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

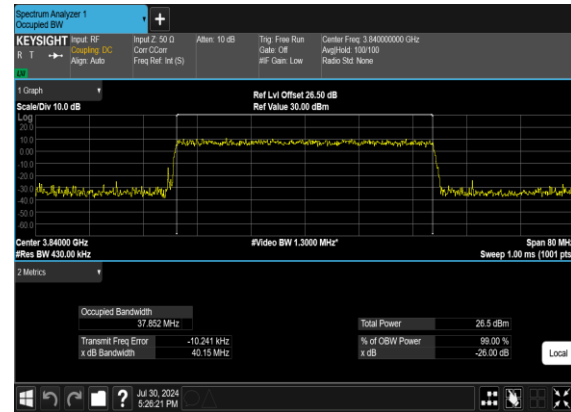




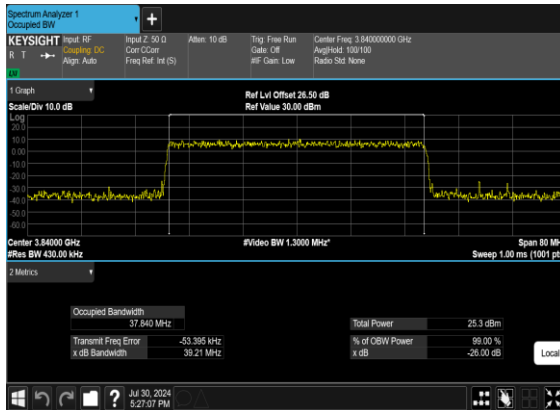
N77(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



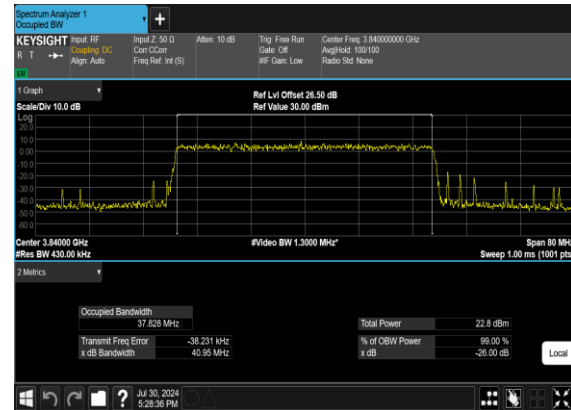
N77(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

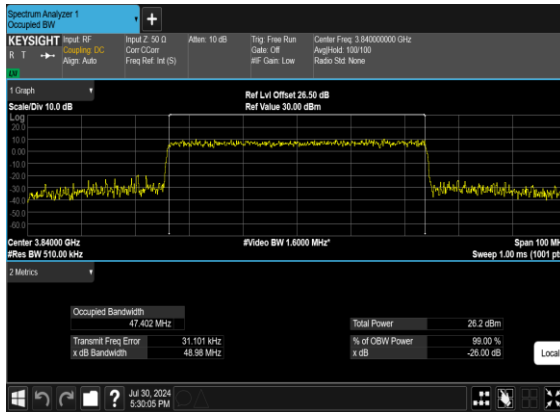


N77(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

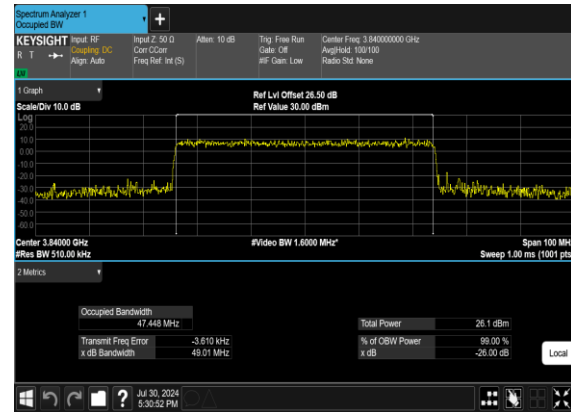




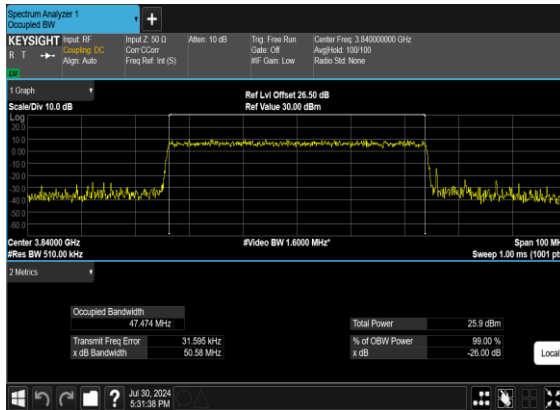
N77(50M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



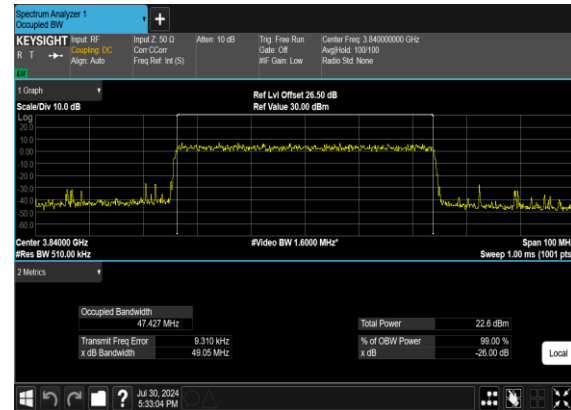
N77(50M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(50M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

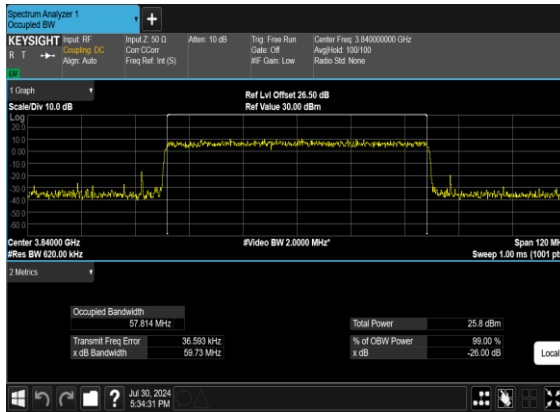


N77(50M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

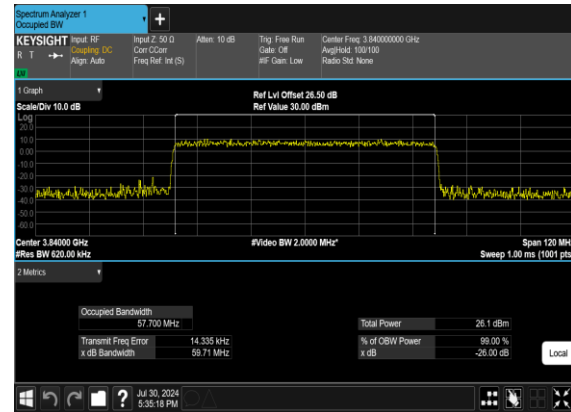




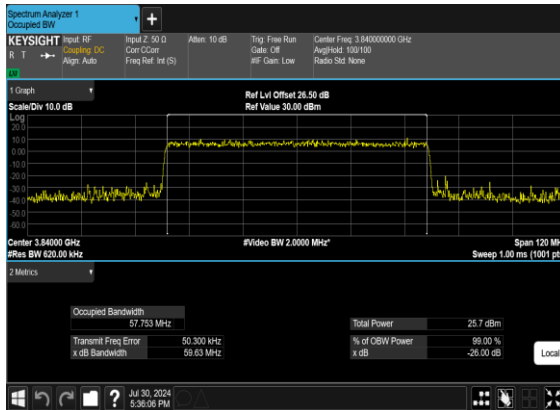
N77(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



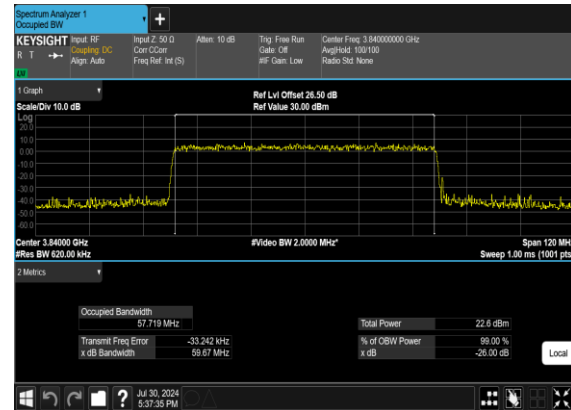
N77(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

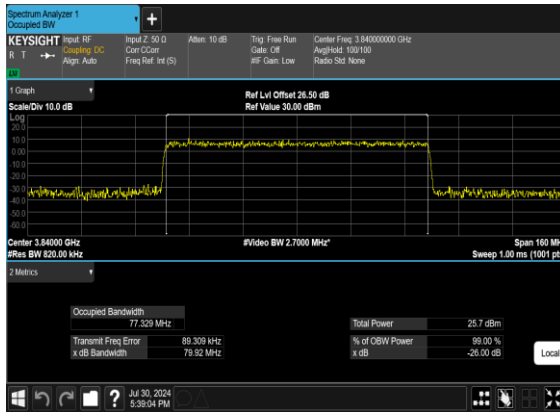


N77(60M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

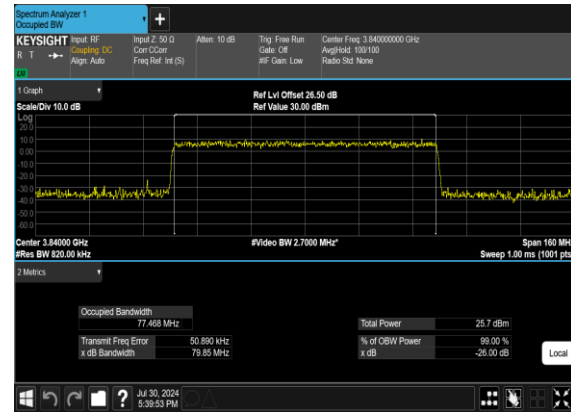




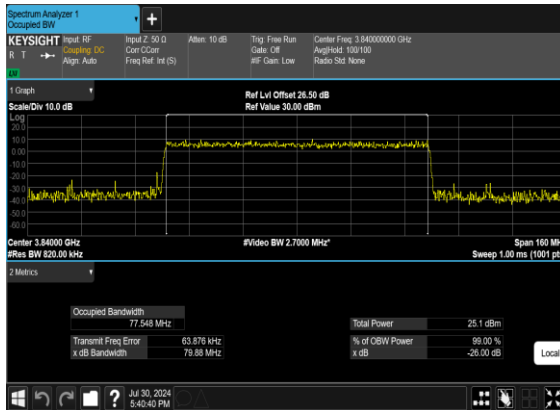
N77(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



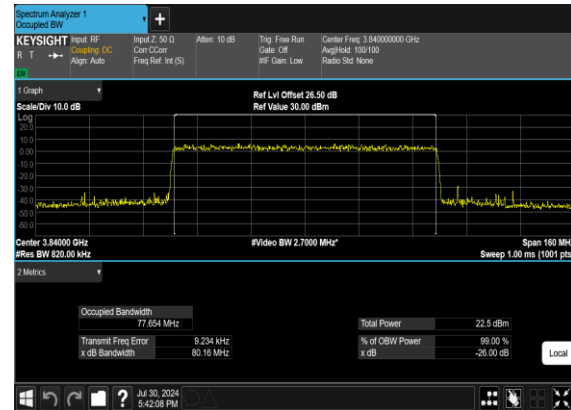
N77(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

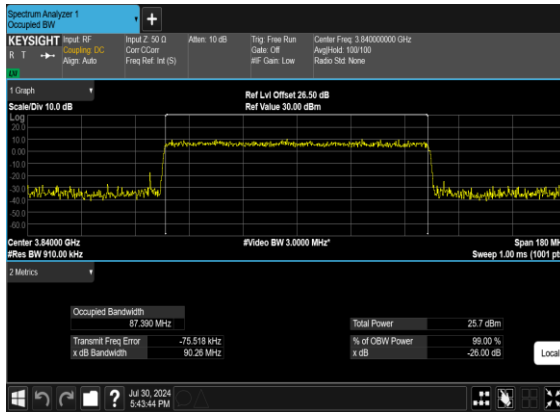


N77(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

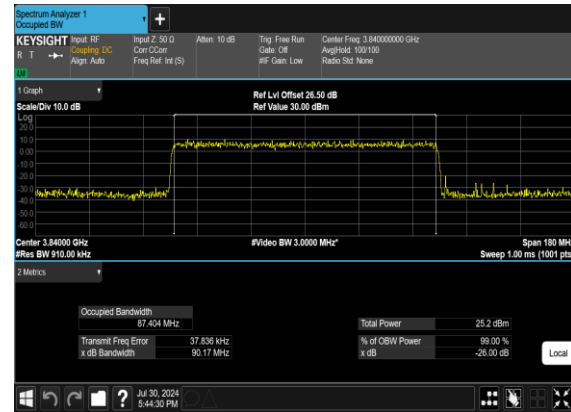




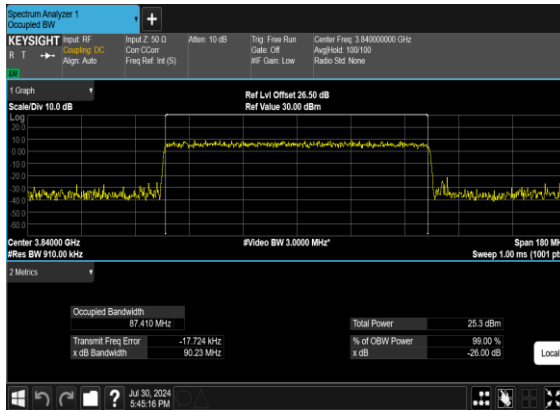
N77(90M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



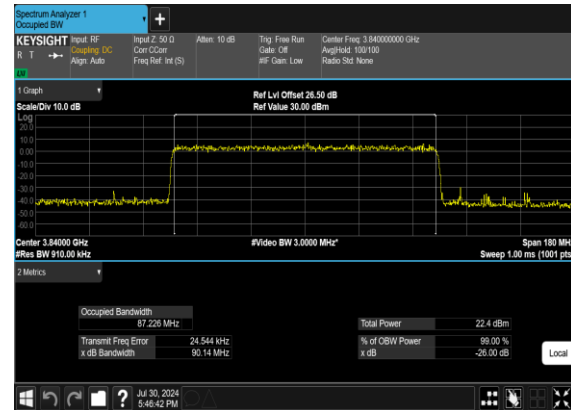
N77(90M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(90M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

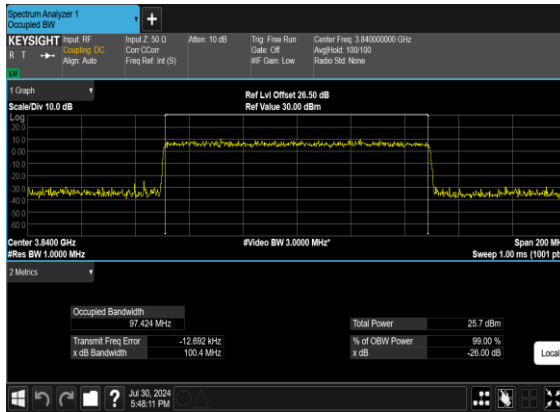


N77(90M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

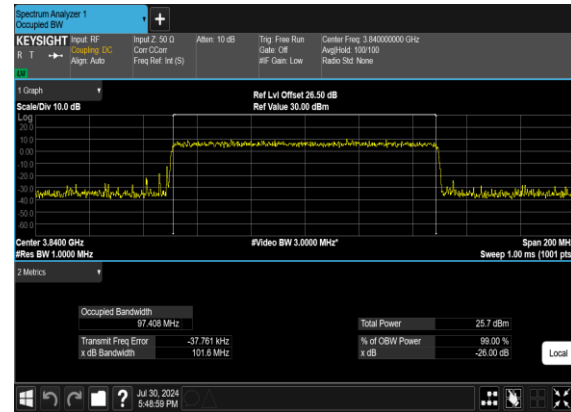




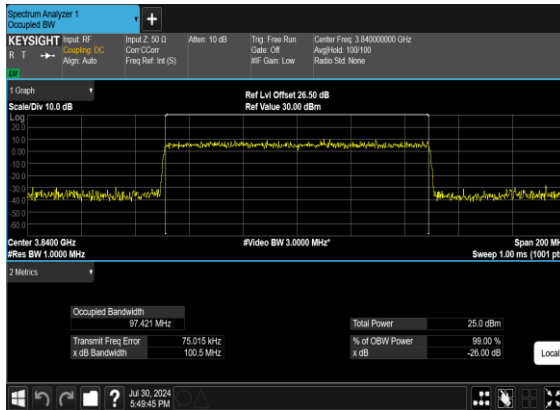
N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



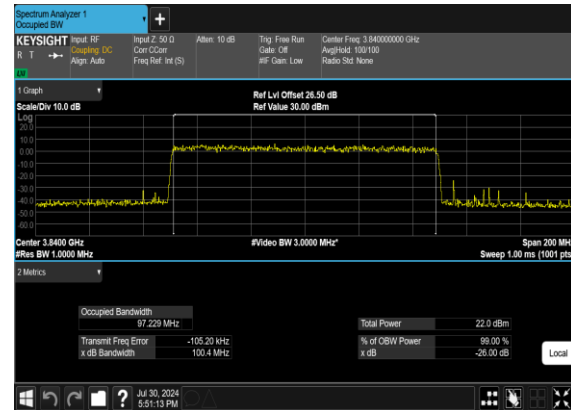
N77(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



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	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS



77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	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(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

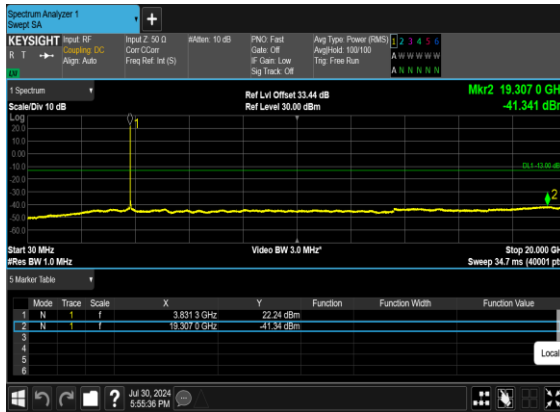


N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

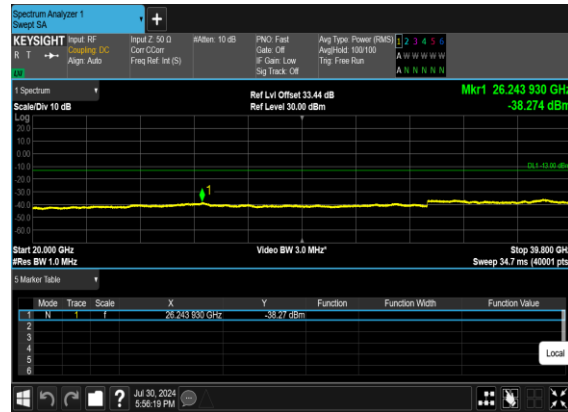




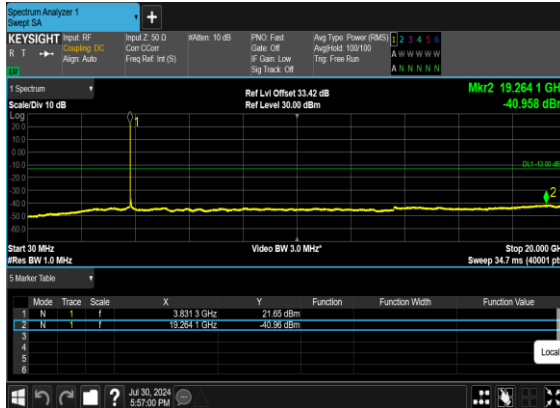
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



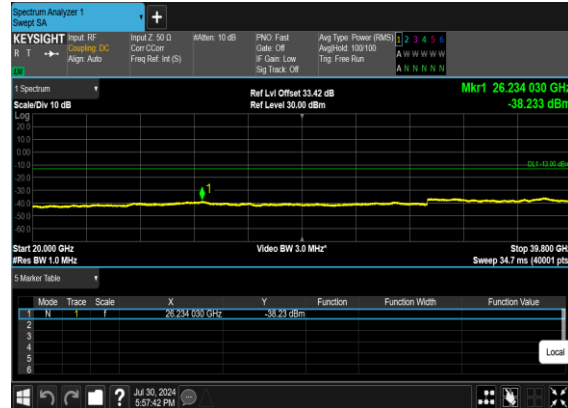
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

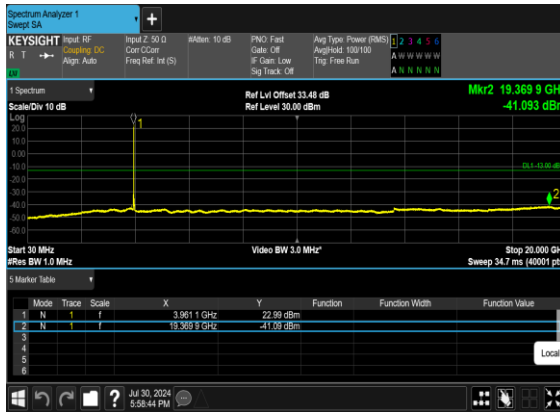


N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





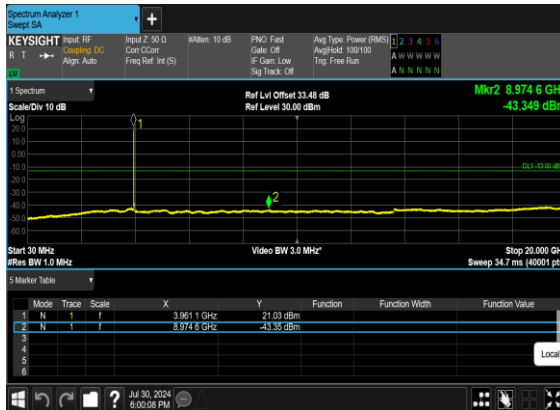
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



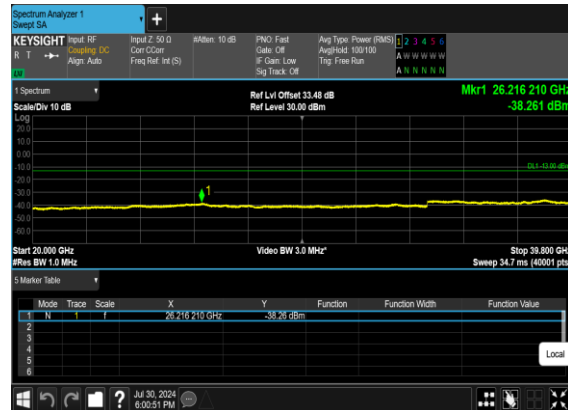
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH

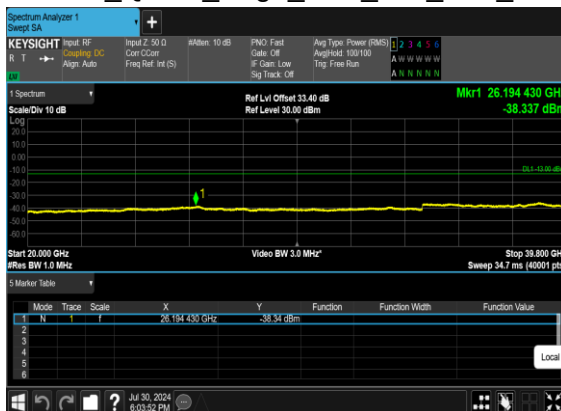


N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



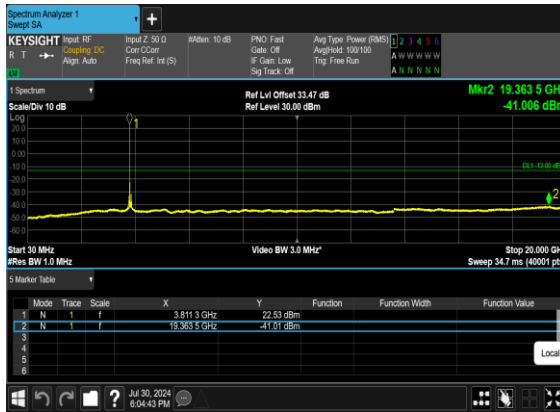
N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



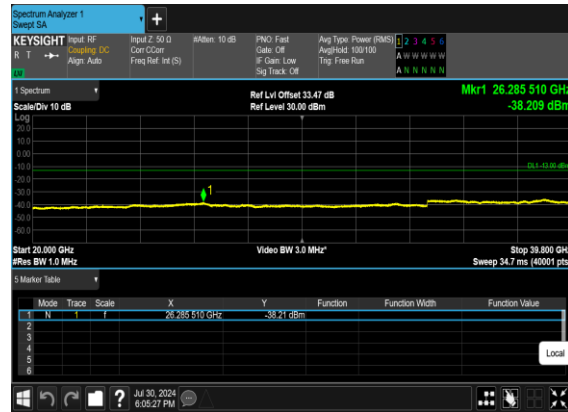
N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



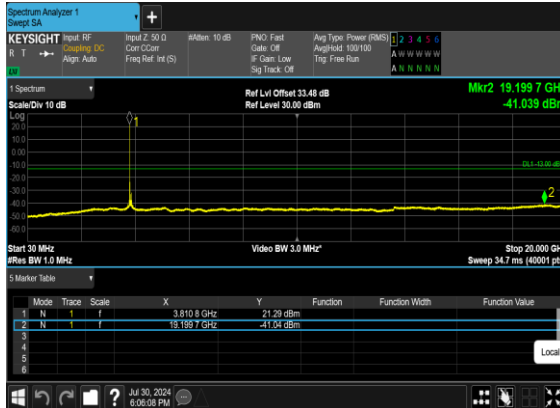
N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



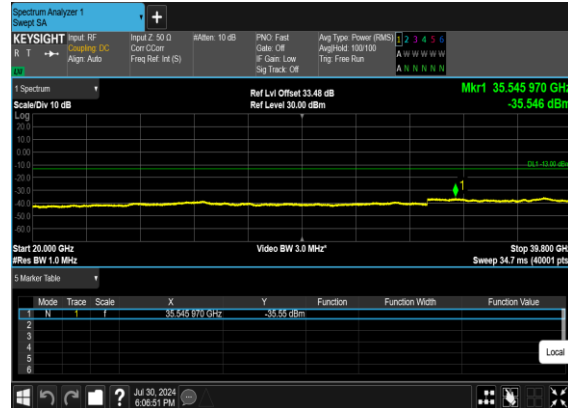
N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

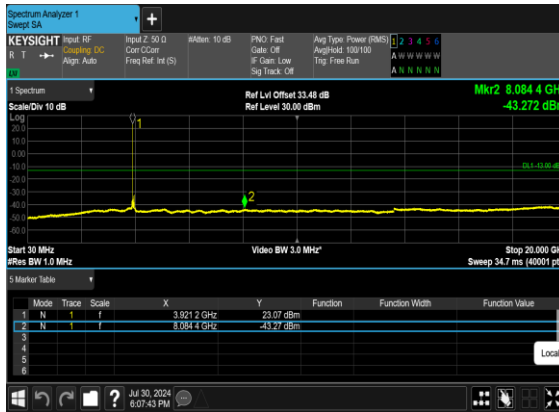


N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH





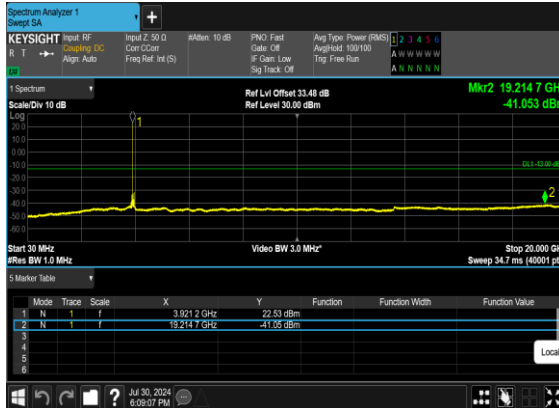
N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



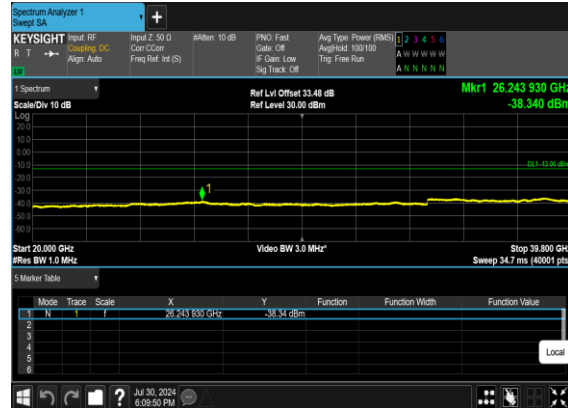
N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



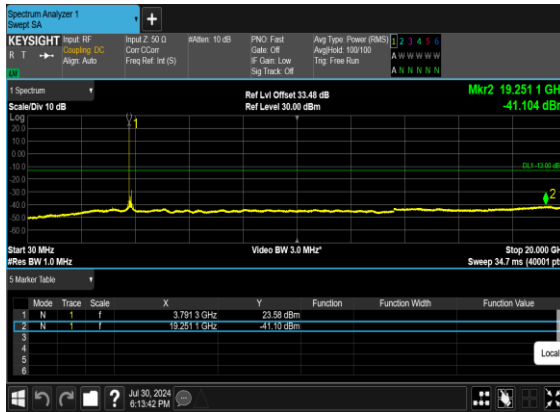
N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



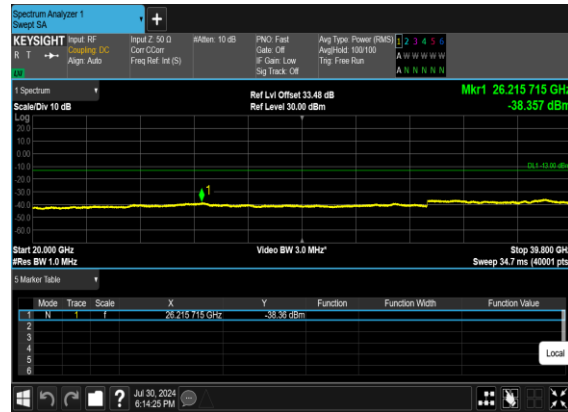
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CHN77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CHN77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



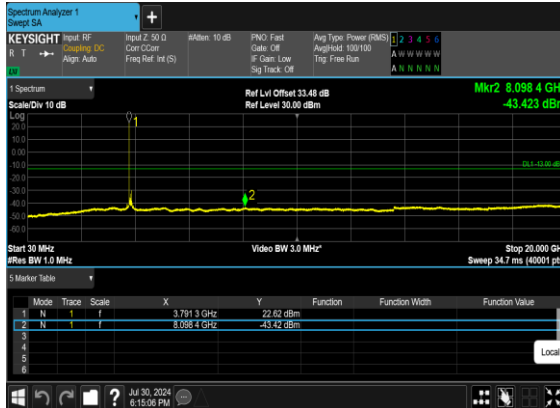
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



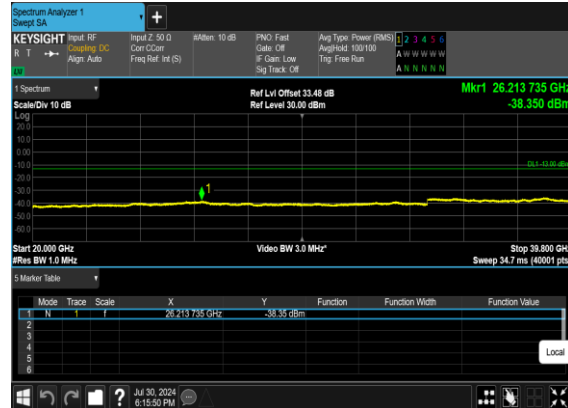
N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

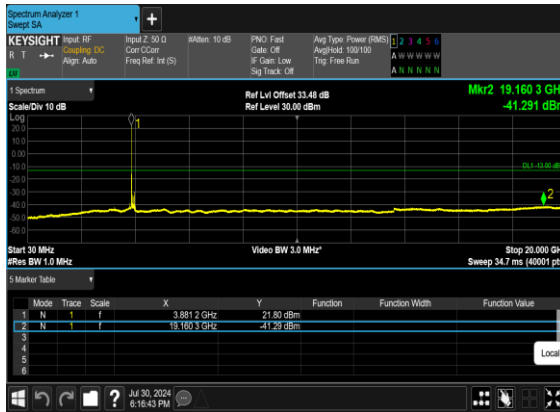


N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH





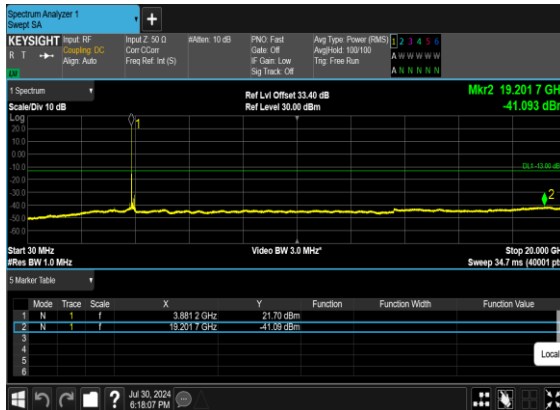
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



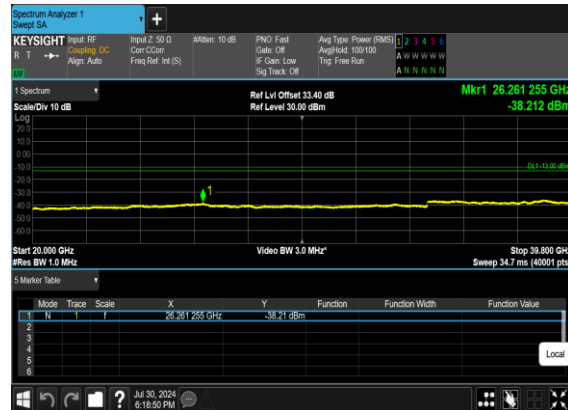
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



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**

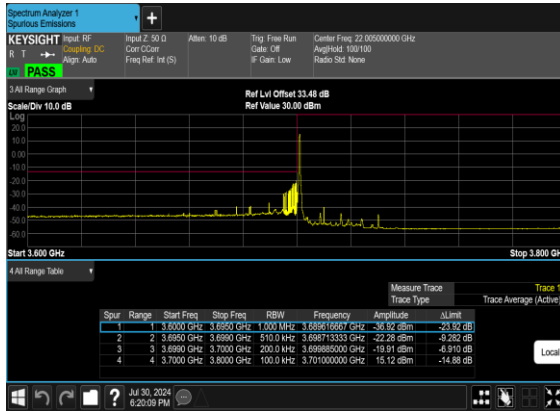
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	1@50	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	1@50	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	664666	3969.99	DFT-s-OFDM QPSK	50@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	1@161	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM BPSK	162@0	see graph	PASS
77	30	60	663332	3949.98	DFT-s-OFDM QPSK	162@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



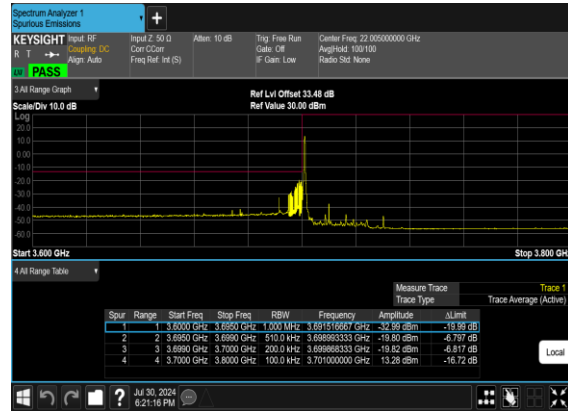
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	270@0	see graph	PASS



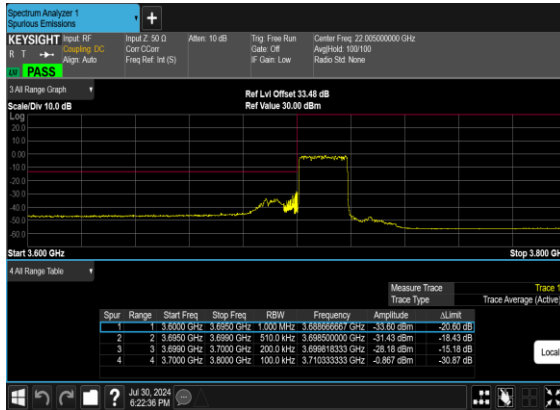
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



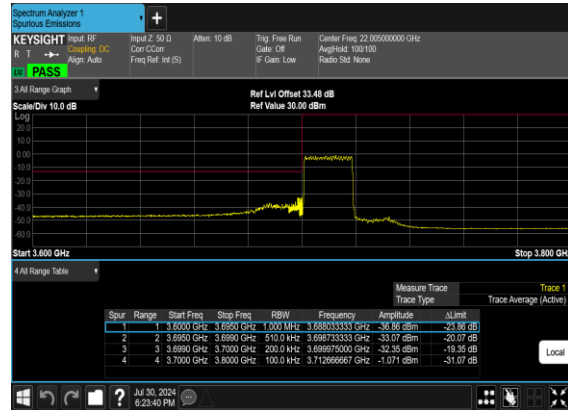
N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

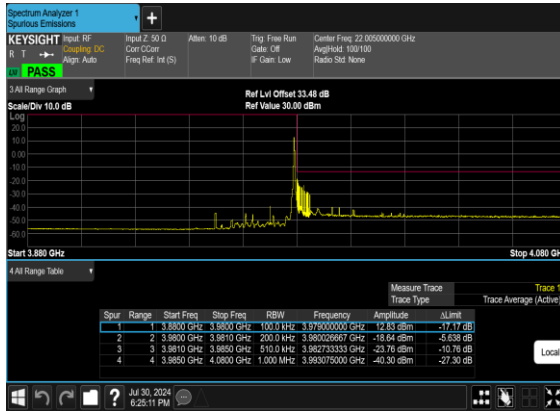


N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

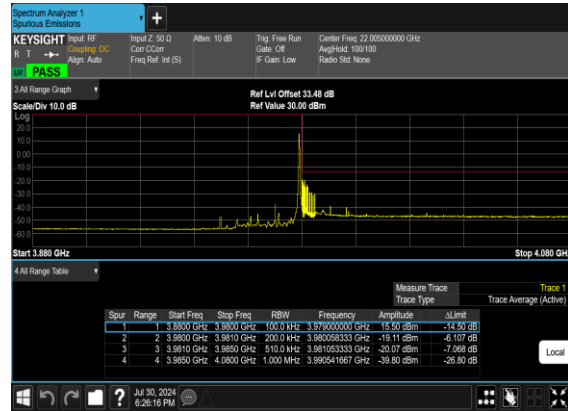




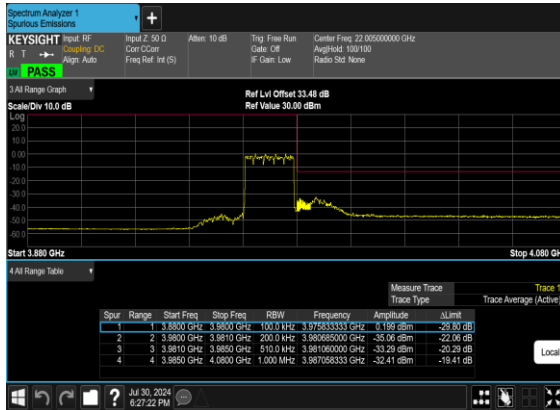
N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



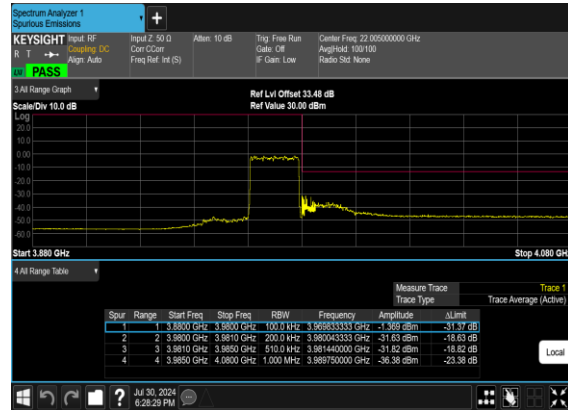
N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

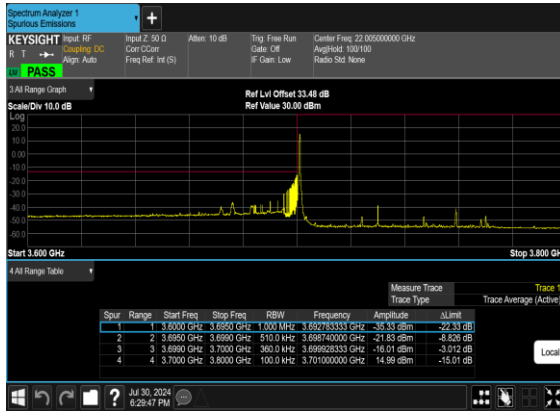


N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

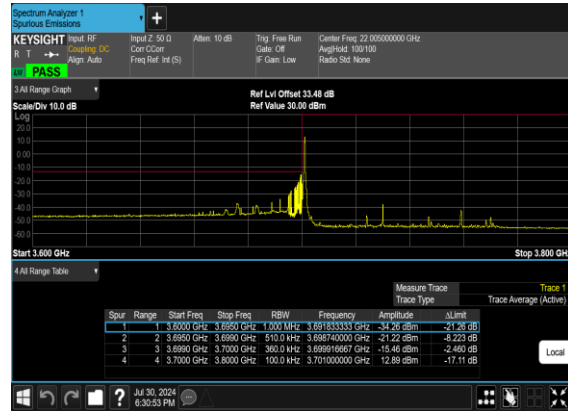




N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



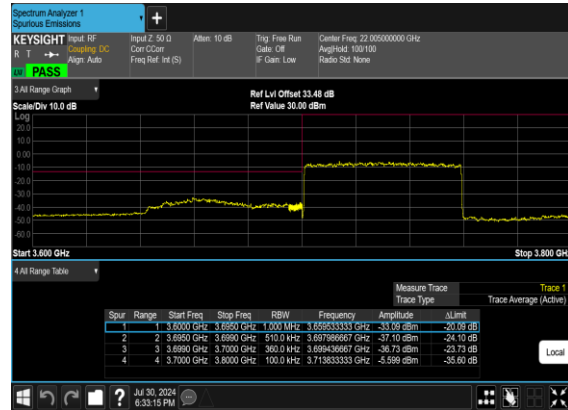
N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(60M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

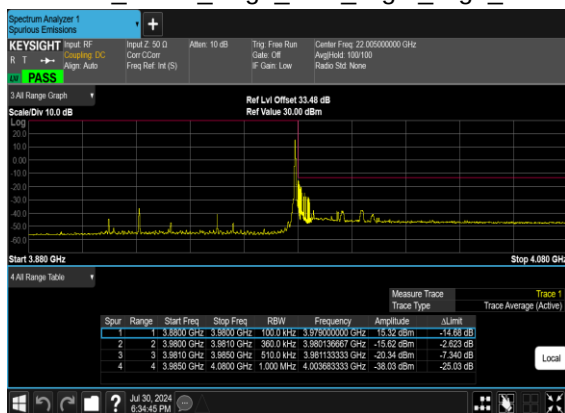


N77(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

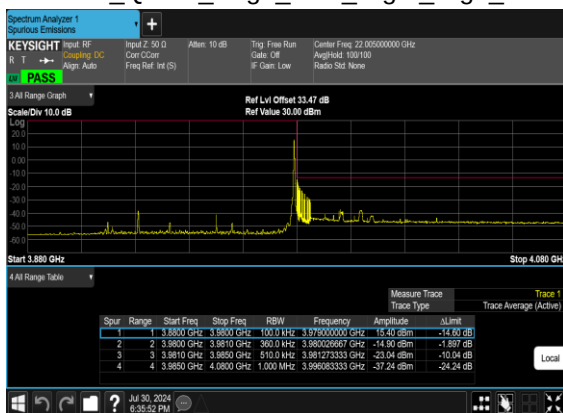




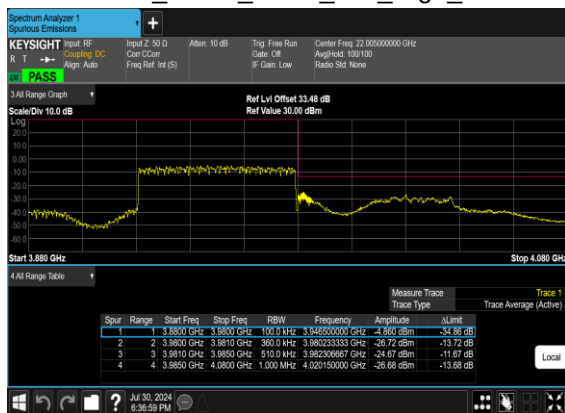
N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



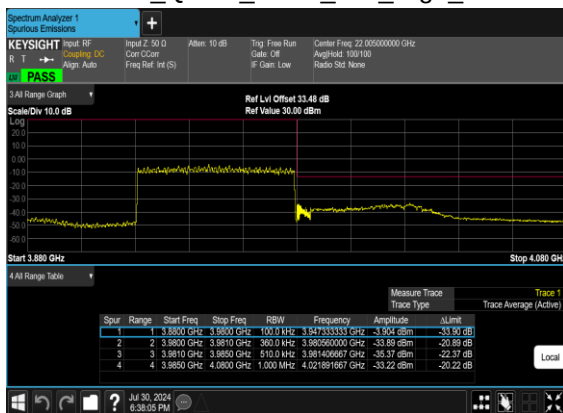
N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(60M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

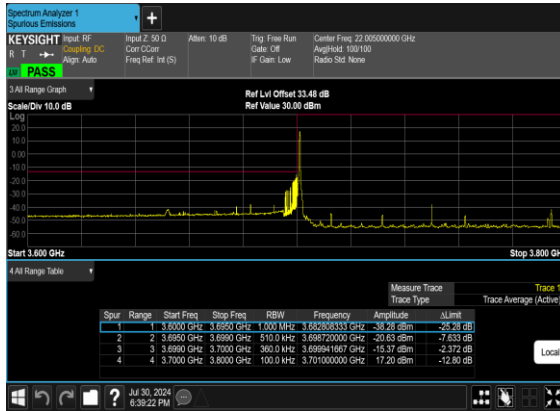


N77(60M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





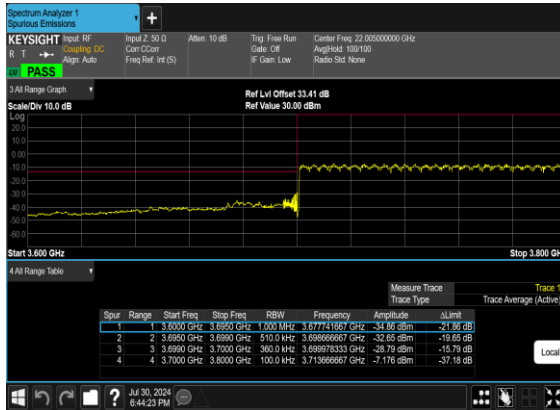
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



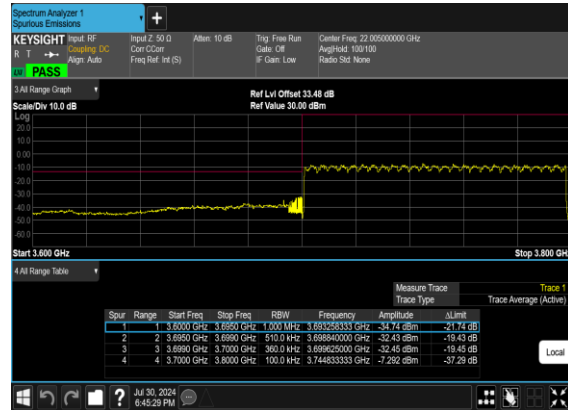
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

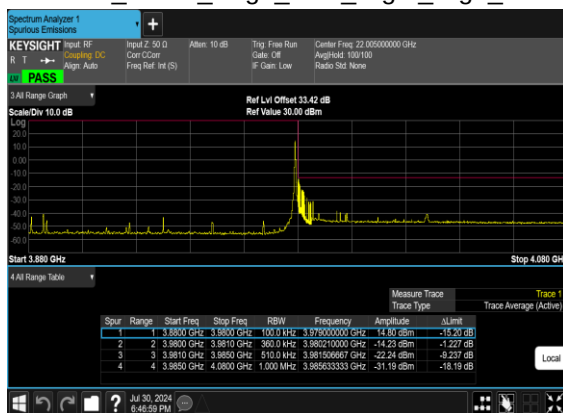


N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

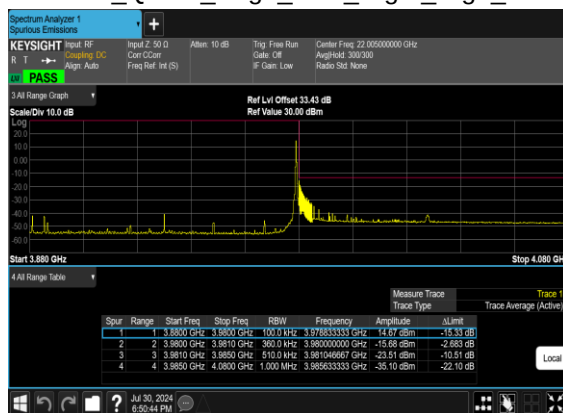




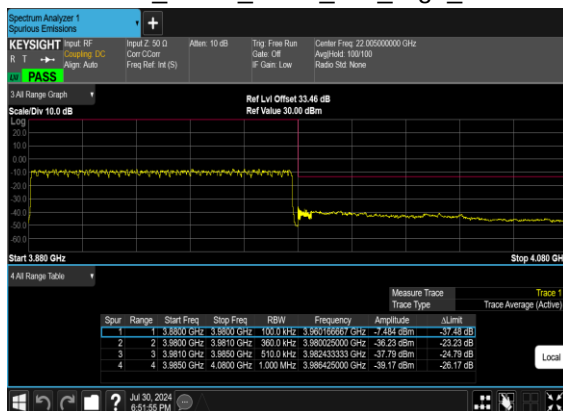
N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



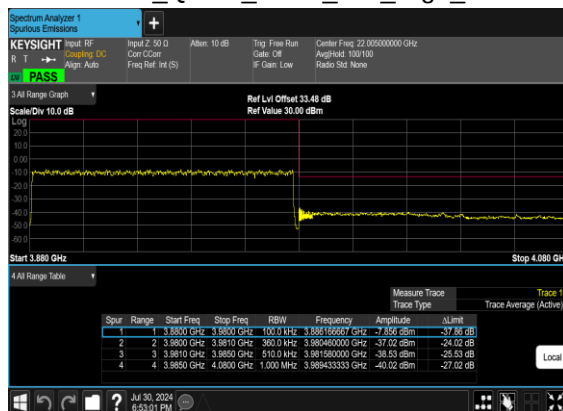
N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





FR1 N78-SCS 30k

Transmitter Conducted Output Power And EIRP, ($G_T - L_C$)=-2.7dBi

NR Band	SCS	Bandwidth	Arfcn	Freq(MHz)	Modulation	RB	Conducted Power(dBm)	EIRP(dBm)	EIRP(W)
78	30	20	647334	3710.01	DFT-s-OFDM PI/2 BPSK	1@1	24.6	21.9	0.1549
78	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@1	24.69	21.99	0.1581
78	30	20	647334	3710.01	DFT-s-OFDM 16 QAM	1@1	23.74	21.04	0.1271
78	30	20	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.03	22.33	0.1710
78	30	20	650000	3750	DFT-s-OFDM QPSK	1@1	25.12	22.42	0.1746
78	30	20	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.12	21.42	0.1387
78	30	20	652666	3789.99	DFT-s-OFDM PI/2 BPSK	1@1	24.79	22.09	0.1618
78	30	20	652666	3789.99	DFT-s-OFDM QPSK	1@1	24.86	22.16	0.1644
78	30	20	652666	3789.99	DFT-s-OFDM 16 QAM	1@1	23.9	21.2	0.1318
78	30	30	647668	3715.02	DFT-s-OFDM PI/2 BPSK	1@1	24.57	21.87	0.1538
78	30	30	647668	3715.02	DFT-s-OFDM QPSK	1@1	24.64	21.94	0.1563
78	30	30	647668	3715.02	DFT-s-OFDM 16 QAM	1@1	23.64	20.94	0.1242
78	30	30	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.12	22.42	0.1746
78	30	30	650000	3750	DFT-s-OFDM QPSK	1@1	25.2	22.5	0.1778
78	30	30	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.21	21.51	0.1416
78	30	30	652332	3784.98	DFT-s-OFDM PI/2 BPSK	1@1	24.53	21.83	0.1524
78	30	30	652332	3784.98	DFT-s-OFDM QPSK	1@1	24.59	21.89	0.1545
78	30	30	652332	3784.98	DFT-s-OFDM 16 QAM	1@1	23.54	20.84	0.1213
78	30	40	648000	3720	DFT-s-OFDM PI/2 BPSK	1@1	24.52	21.82	0.1521
78	30	40	648000	3720	DFT-s-OFDM QPSK	1@1	24.57	21.87	0.1538
78	30	40	648000	3720	DFT-s-OFDM 16 QAM	1@1	23.69	20.99	0.1256
78	30	40	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.97	22.27	0.1687
78	30	40	650000	3750	DFT-s-OFDM QPSK	1@1	25.08	22.38	0.1730
78	30	40	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.08	21.38	0.1374
78	30	40	652000	3780	DFT-s-OFDM PI/2 BPSK	1@1	23.7	21	0.1259
78	30	40	652000	3780	DFT-s-OFDM QPSK	1@1	23.81	21.11	0.1291
78	30	40	652000	3780	DFT-s-OFDM 16 QAM	1@1	22.82	20.12	0.1028
78	30	50	648334	3725.01	DFT-s-OFDM PI/2 BPSK	1@1	24.5	21.8	0.1514



78	30	50	648334	3725.01	DFT-s-OFDM QPSK	1@1	24.54	21.84	0.1528
78	30	50	648334	3725.01	DFT-s-OFDM 16 QAM	1@1	23.56	20.86	0.1219
78	30	50	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.87	22.17	0.1648
78	30	50	650000	3750	DFT-s-OFDM QPSK	1@1	24.92	22.22	0.1667
78	30	50	650000	3750	DFT-s-OFDM 16 QAM	1@1	23.99	21.29	0.1346
78	30	50	651666	3774.99	DFT-s-OFDM PI/2 BPSK	1@1	23.5	20.8	0.1202
78	30	50	651666	3774.99	DFT-s-OFDM QPSK	1@1	23.6	20.9	0.1230
78	30	50	651666	3774.99	DFT-s-OFDM 16 QAM	1@1	22.73	20.03	0.1007
78	30	60	648668	3730.02	DFT-s-OFDM PI/2 BPSK	1@1	24.53	21.83	0.1524
78	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@1	24.62	21.92	0.1556
78	30	60	648668	3730.02	DFT-s-OFDM 16 QAM	1@1	23.7	21	0.1259
78	30	60	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	24.92	22.22	0.1667
78	30	60	650000	3750	DFT-s-OFDM QPSK	1@1	25.06	22.36	0.1722
78	30	60	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.01	21.31	0.1352
78	30	60	651332	3769.98	DFT-s-OFDM PI/2 BPSK	1@1	24.59	21.89	0.1545
78	30	60	651332	3769.98	DFT-s-OFDM QPSK	1@1	24.63	21.93	0.1560
78	30	60	651332	3769.98	DFT-s-OFDM 16 QAM	1@1	23.74	21.04	0.1271
78	30	80	649334	3740.01	DFT-s-OFDM PI/2 BPSK	1@1	24.67	21.97	0.1574
78	30	80	649334	3740.01	DFT-s-OFDM QPSK	1@1	24.74	22.04	0.1600
78	30	80	649334	3740.01	DFT-s-OFDM 16 QAM	1@1	23.73	21.03	0.1268
78	30	80	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.05	22.35	0.1718
78	30	80	650000	3750	DFT-s-OFDM QPSK	1@1	25.13	22.43	0.1750
78	30	80	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.18	21.48	0.1406
78	30	80	650666	3759.99	DFT-s-OFDM PI/2 BPSK	1@1	25.13	22.43	0.1750
78	30	80	650666	3759.99	DFT-s-OFDM QPSK	1@1	25.2	22.5	0.1778
78	30	80	650666	3759.99	DFT-s-OFDM 16 QAM	1@1	24.2	21.5	0.1413
78	30	90	649668	3745.02	DFT-s-OFDM PI/2 BPSK	1@1	25.34	22.64	0.1837
78	30	90	649668	3745.02	DFT-s-OFDM QPSK	1@1	25.36	22.66	0.1845
78	30	90	649668	3745.02	DFT-s-OFDM 16 QAM	1@1	24.98	22.28	0.1690
78	30	90	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.03	22.33	0.1710
78	30	90	650000	3750	DFT-s-OFDM QPSK	1@1	25.1	22.4	0.1738
78	30	90	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.12	21.42	0.1387
78	30	90	650332	3754.98	DFT-s-OFDM PI/2 BPSK	1@1	25.01	22.31	0.1702



78	30	90	650332	3754.98	DFT-s-OFDM QPSK	1@1	25.08	22.38	0.1730
78	30	90	650332	3754.98	DFT-s-OFDM 16 QAM	1@1	24.13	21.43	0.1390
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	135@67	25.04	22.34	0.1714
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@1	25.2	22.5	0.1778
78	30	100	650000	3750	DFT-s-OFDM PI/2 BPSK	1@271	25.41	22.71	0.1866
78	30	100	650000	3750	DFT-s-OFDM QPSK	135@67	25.03	22.33	0.1710
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@1	25.29	22.59	0.1816
78	30	100	650000	3750	DFT-s-OFDM QPSK	1@271	25.31	22.61	0.1824
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	135@67	24.02	21.32	0.1355
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@1	24.32	21.62	0.1452
78	30	100	650000	3750	DFT-s-OFDM 16 QAM	1@271	24.55	21.85	0.1531
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	135@67	22.6	19.9	0.0977
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@1	22.79	20.09	0.1021
78	30	100	650000	3750	DFT-s-OFDM 64 QAM	1@271	22.92	20.22	0.1052
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	135@67	20.59	17.89	0.0615
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@1	20.61	17.91	0.0618
78	30	100	650000	3750	DFT-s-OFDM 256 QAM	1@271	20.76	18.06	0.0640
78	30	100	650000	3750	CP-OFDM QPSK	137@68	23.53	20.83	0.1211
78	30	100	650000	3750	CP-OFDM QPSK	1@1	23.85	21.15	0.1303
78	30	100	650000	3750	CP-OFDM QPSK	1@271	24.09	21.39	0.1377
78	30	100	650000	3750	CP-OFDM 16 QAM	1@1	23.39	20.69	0.1172



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

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

n41 SA / NR 50MHz / QPSK(ANT4)									
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	5143.56	-56.85	-25	-31.85	-81.43	-62.41	7.14	12.70	H
	7715.34	-55.52	-25	-30.52	-81.85	-58.82	8.30	11.60	H
	10287.12	-52.05	-25	-27.05	-83.18	-53.57	10.48	12.00	H
	5143.56	-56.52	-25	-31.52	-81.72	-62.08	7.14	12.70	V
	7715.34	-53.12	-25	-28.12	-81.84	-56.42	8.30	11.60	V
	10287.12	-50.80	-25	-25.80	-83.5	-52.32	10.48	12.00	V

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

n77 SA / NR 100MHz / QPSK(ANT6)									
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	7582.36	-57.65	-13	-44.65	-65.96	-60.95	8.30	11.60	H
	11373.54	-55.16	-13	-42.16	-69.50	-56.68	10.48	12.00	H
	15164.72	-52.00	-13	-39.00	-70.09	-53.70	11.80	13.50	H
	7582.36	-58.02	-13	-45.02	-66.33	-61.32	8.30	11.60	V
	11373.54	-50.65	-13	-37.65	-69.07	-52.17	10.48	12.00	V
	15164.72	-52.13	-13	-39.13	-70.21	-53.83	11.80	13.50	V

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



EN-DC_41A_n77A / LTE 10MHz + NR 100MHz / QPSK (ANT5+6)									
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)
NR n77 Middle	7582.36	-57.76	-13	-44.76	-66.07	-61.06	8.30	11.60	H
	11373.54	-55.17	-13	-42.17	-69.51	-56.69	10.48	12.00	H
	15164.72	-52.14	-13	-39.14	-70.23	-53.84	11.80	13.50	H
	7582.36	-57.64	-13	-44.64	-65.95	-60.94	8.30	11.60	V
	11373.54	-50.78	-13	-37.78	-69.2	-52.30	10.48	12.00	V
	15164.72	-52.40	-13	-39.40	-70.48	-54.10	11.80	13.50	V
LTE Band41 Middle	5177.00	-60.92	-25	-35.92	-65.96	-66.48	7.14	12.70	H
	7765.50	-57.41	-25	-32.41	-65.25	-60.71	8.30	11.60	H
	10354.00	-56.26	-25	-31.26	-68.28	-57.78	10.48	12.00	H
	5177.00	-60.72	-25	-35.72	-66.15	-66.28	7.14	12.70	V
	7765.50	-53.96	-25	-28.96	-65.23	-57.26	8.30	11.60	V
	10354.00	-54.57	-25	-29.57	-68.39	-56.09	10.48	12.00	V

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