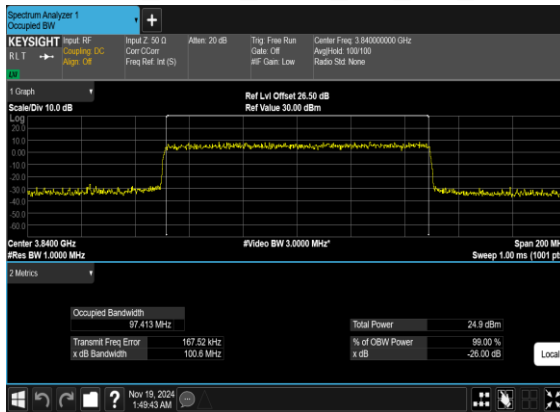
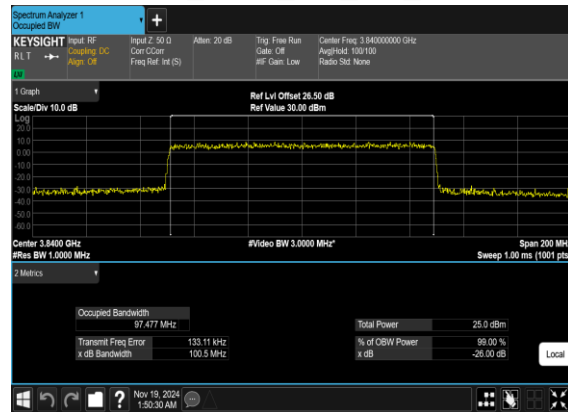




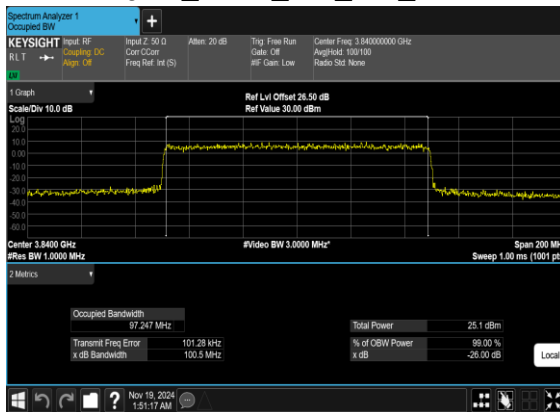
B5_N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



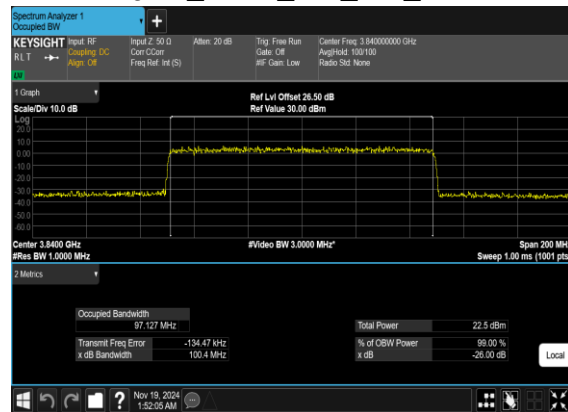
B5_N77(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B5_N77(100M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B5_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



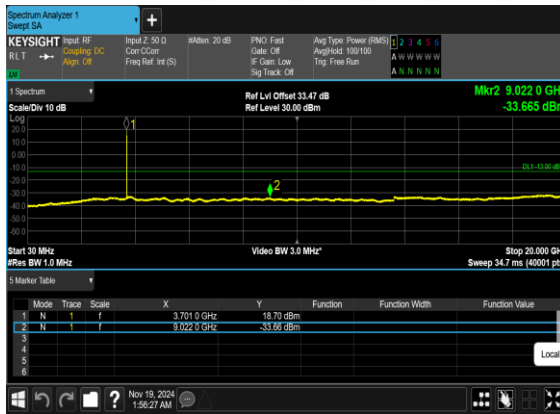
77	30	60	648668	3730.02	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	60	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	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



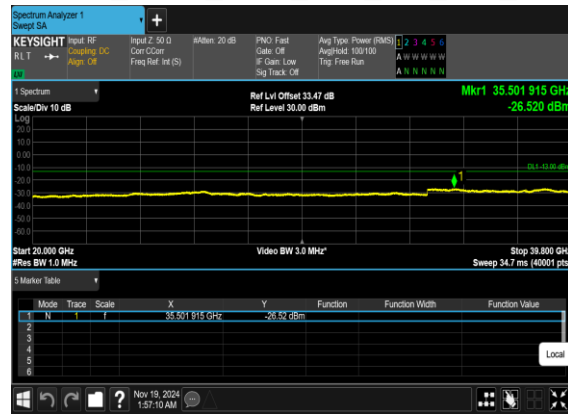
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	---
77	30	100	656000	3840.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	100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



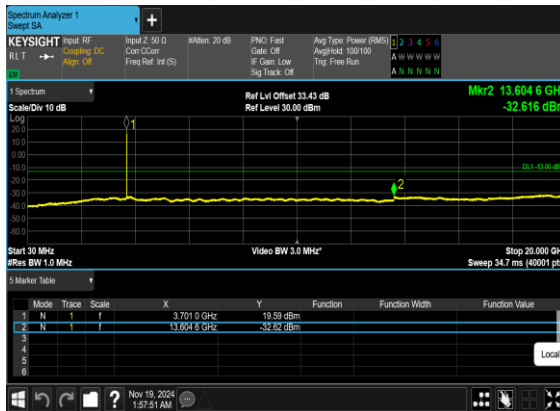
B5_N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



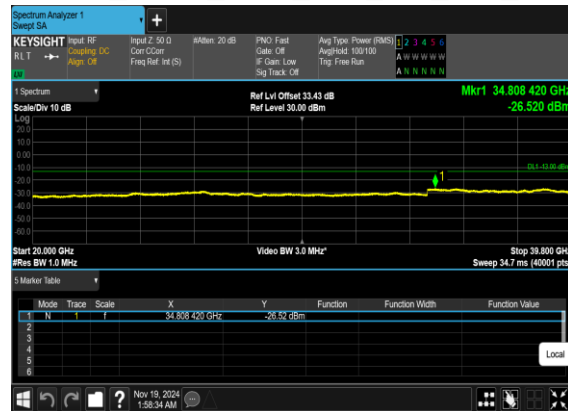
B5_N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B5_N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

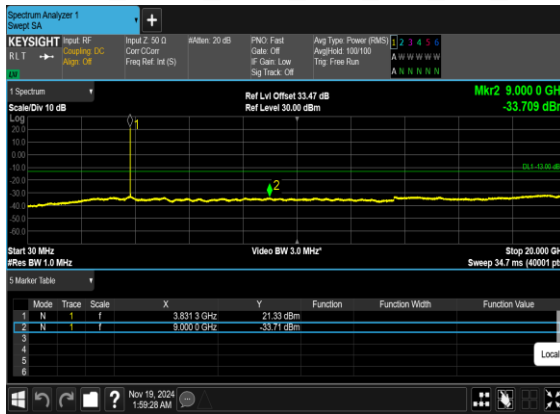


B5_N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

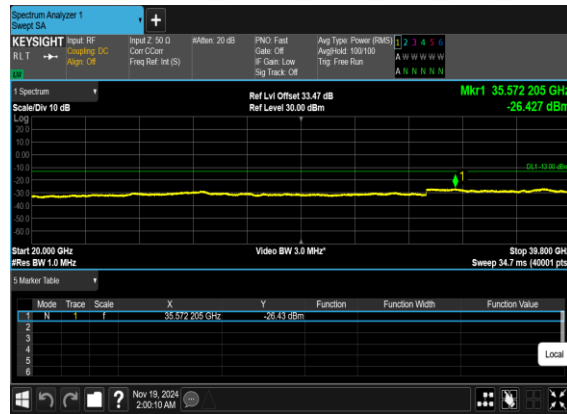




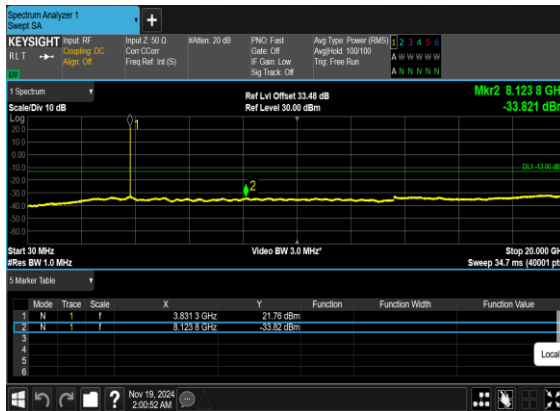
B5_N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



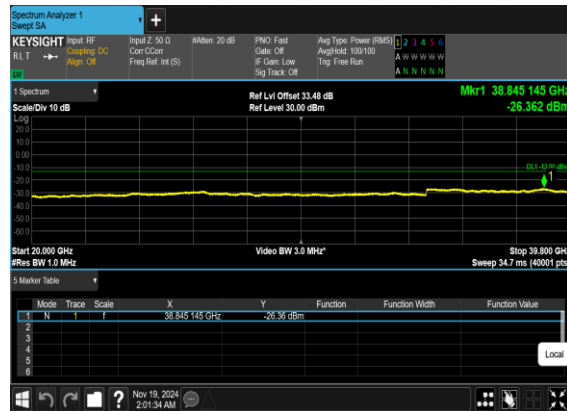
B5_N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B5_N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

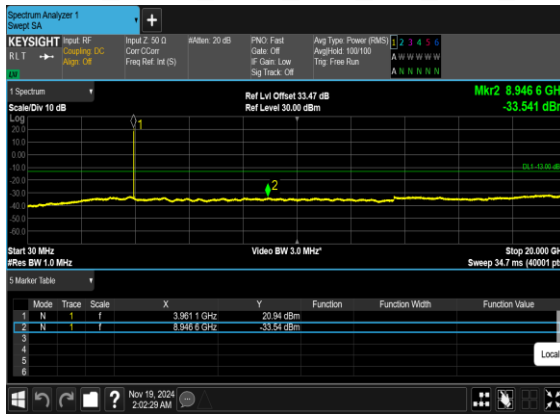


B5_N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

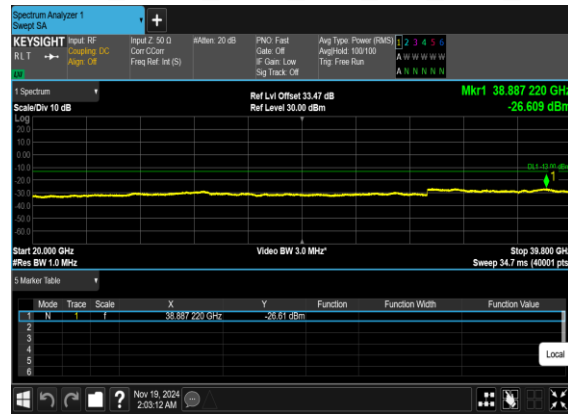




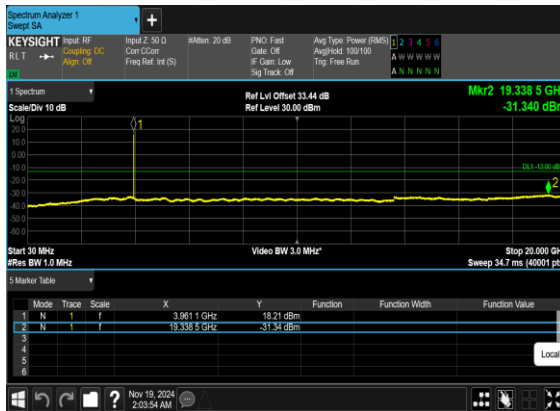
B5_N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



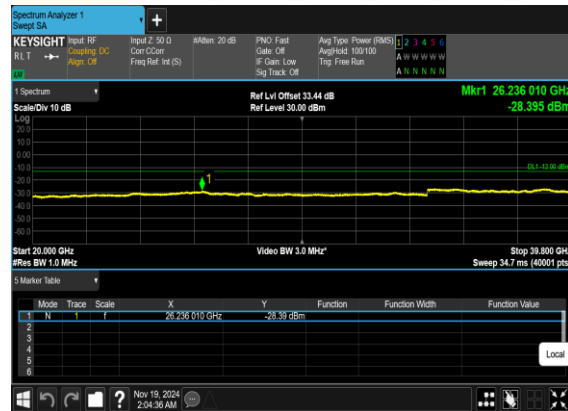
B5_N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B5_N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

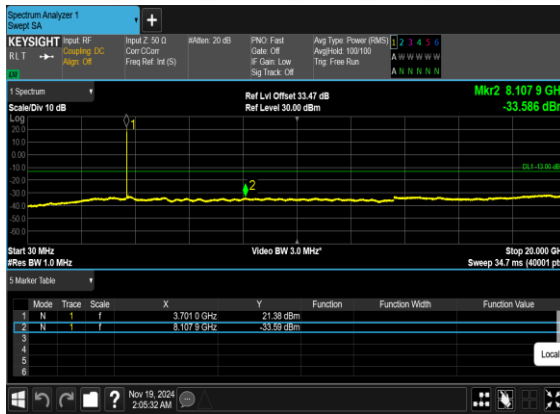


B5_N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

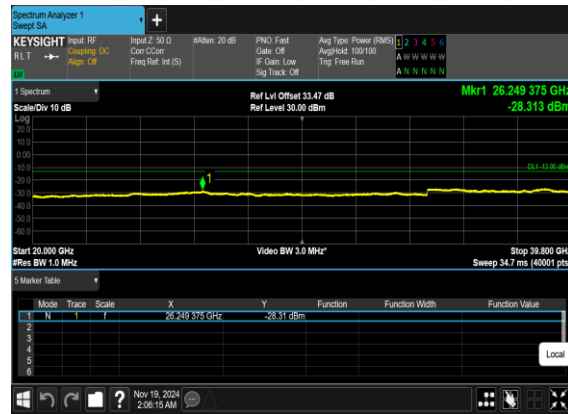




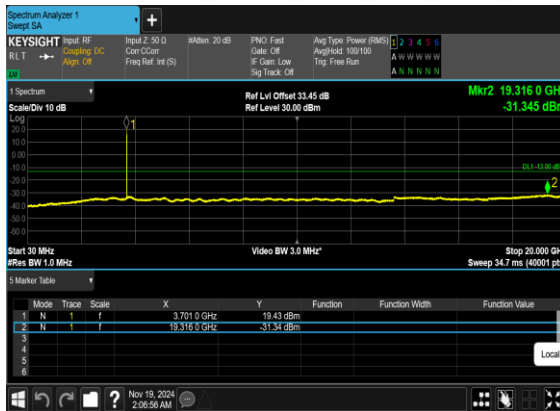
B5_N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



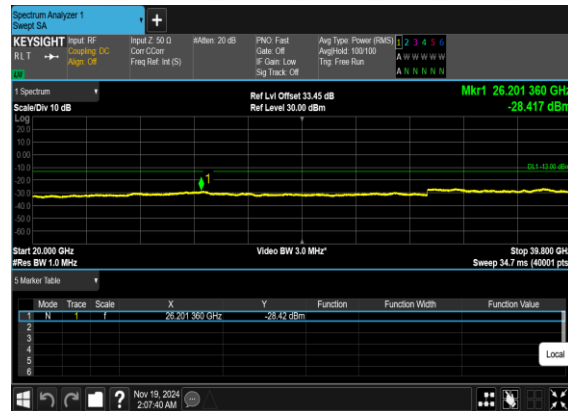
B5_N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B5_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

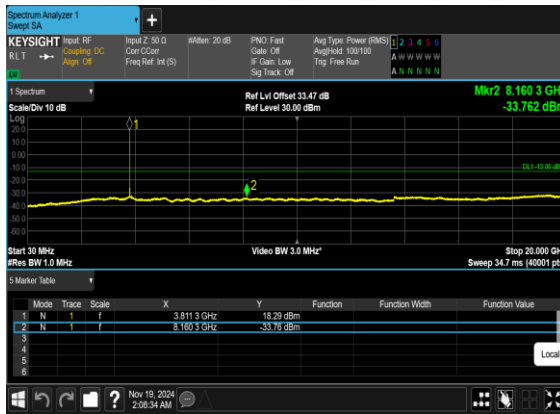


B5_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

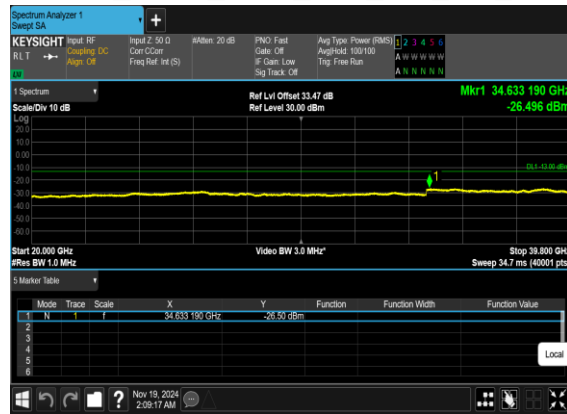




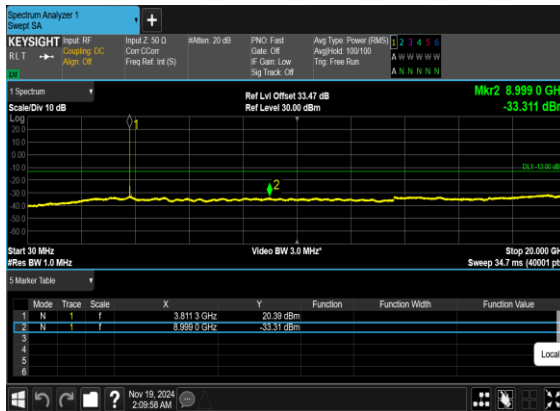
B5_N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



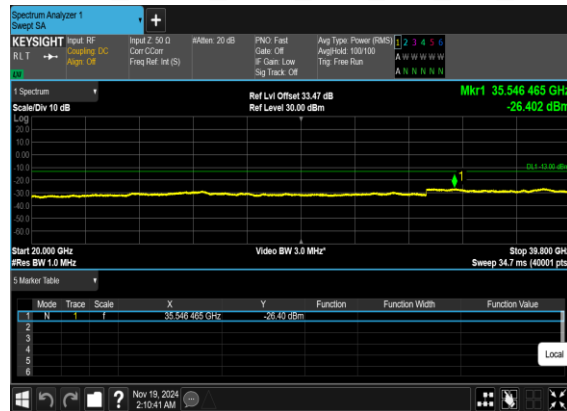
B5_N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B5_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

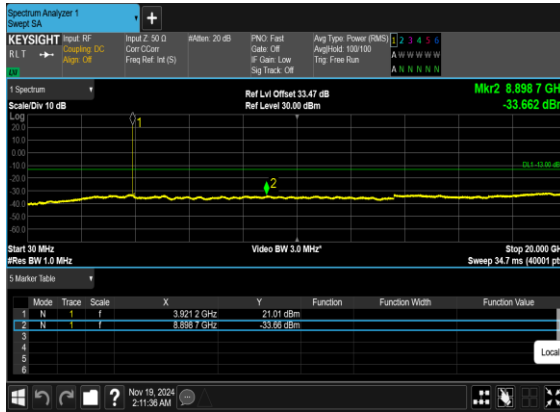


B5_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

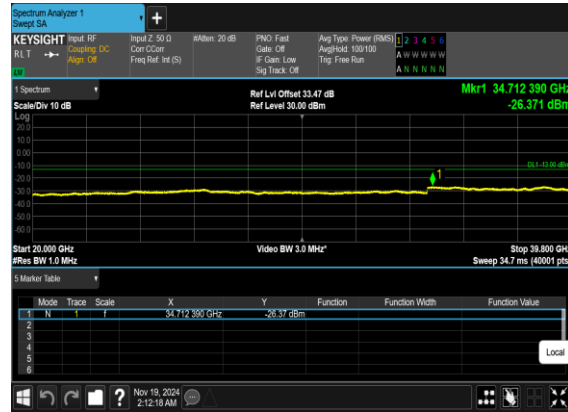




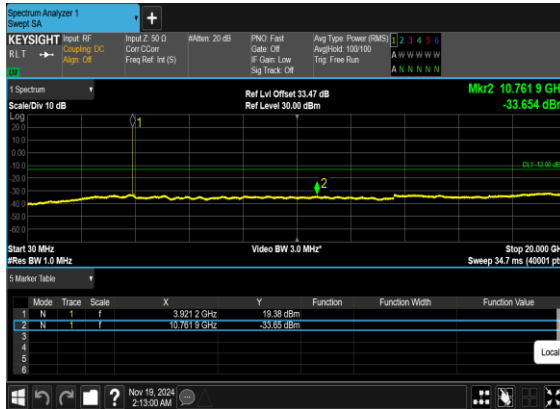
B5_N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B5_N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B5_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

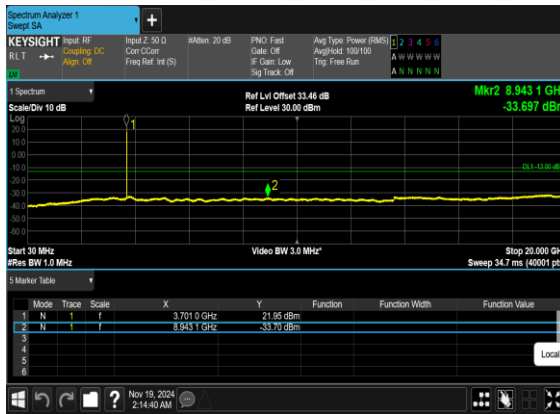


B5_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

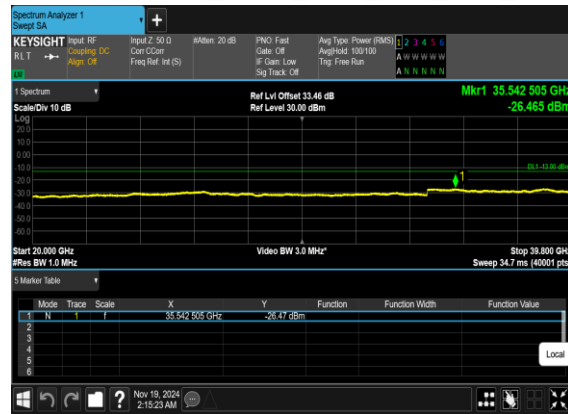




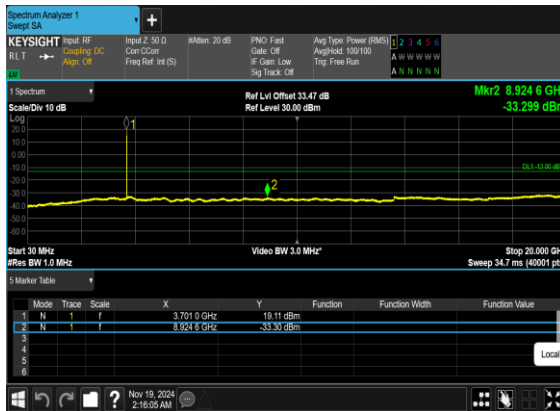
B5_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



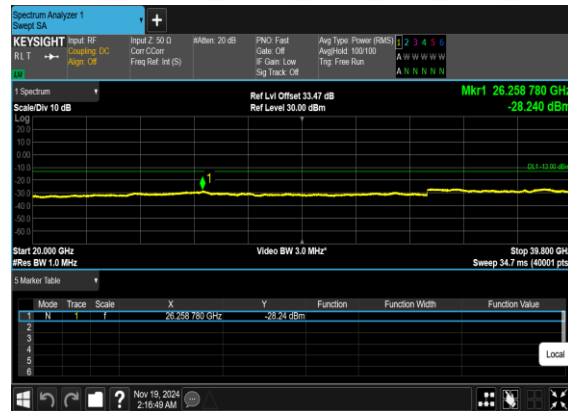
B5_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



B5_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

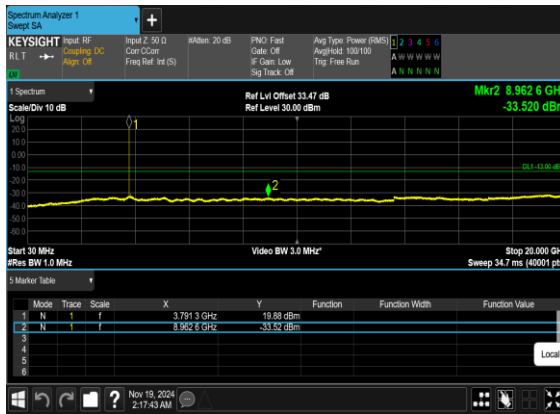


B5_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

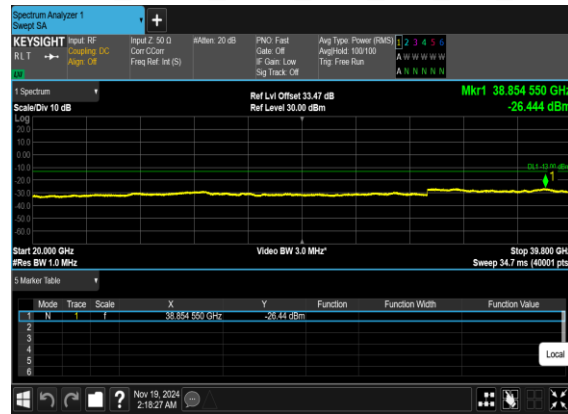




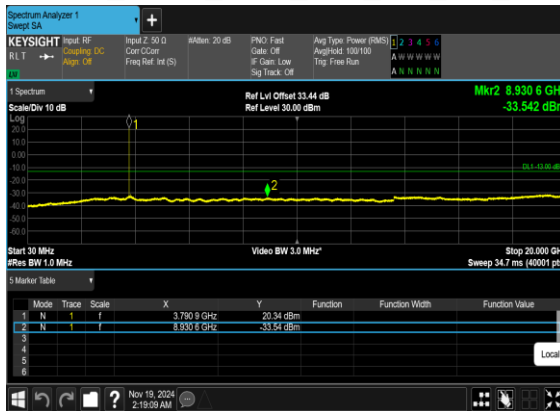
B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



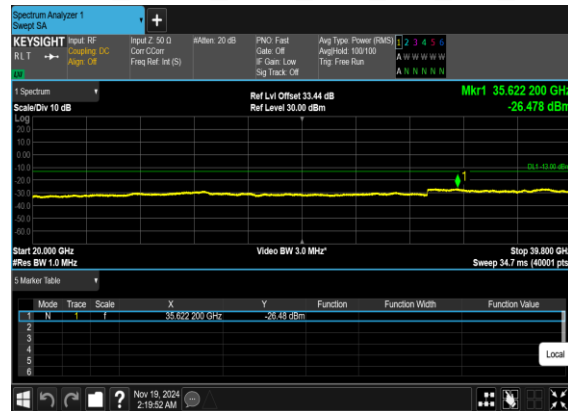
B5_N77(100M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

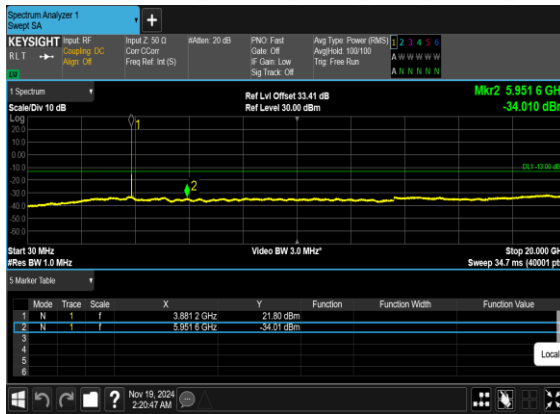


B5_N77(100M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH

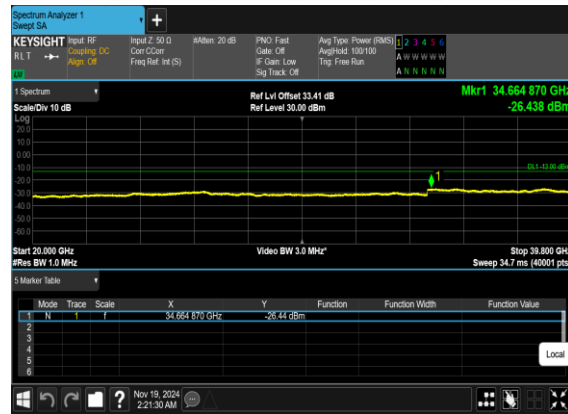




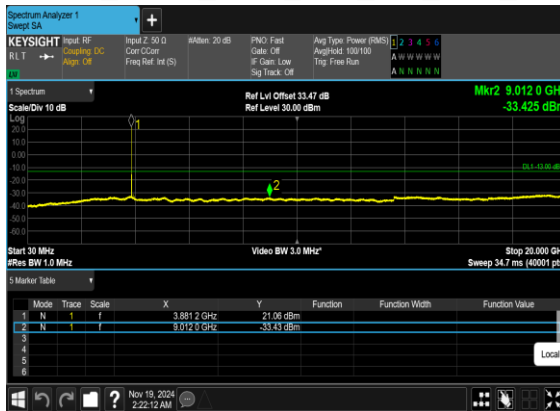
B5_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



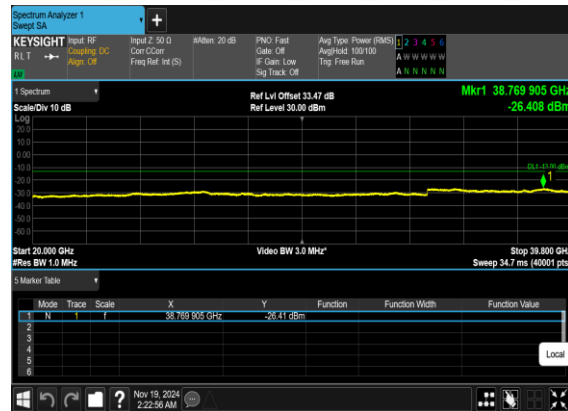
B5_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



B5_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



B5_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



**Conducted Band Edge**

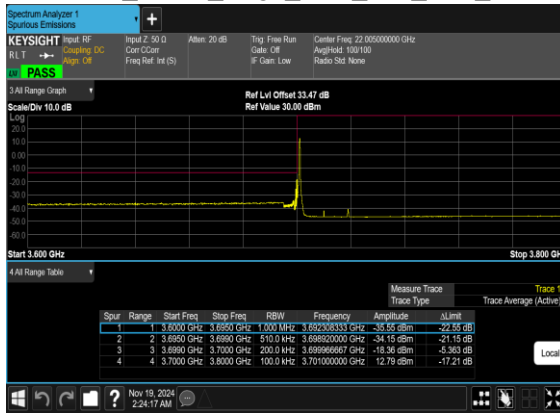
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM BPSK	50@0	see graph	PASS
77	30	20	647334	3710.01	DFT-s-OFDM QPSK	50@0	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



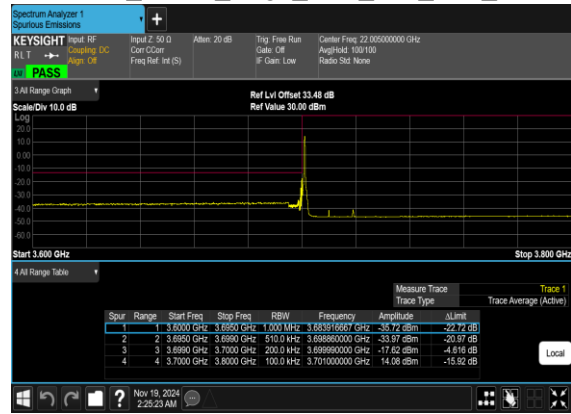
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	1@272	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
77	30	100	662000	3930.0	DFT-s-OFDM QPSK	270@0	see graph	PASS



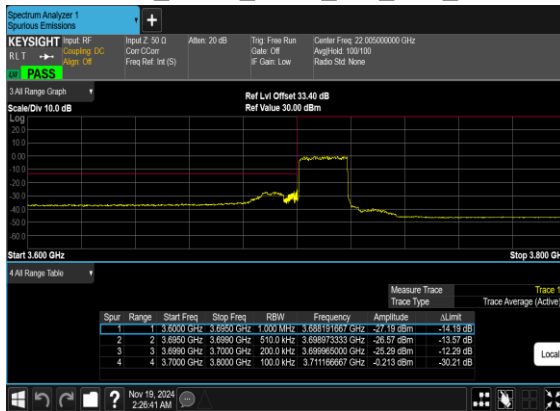
B5_N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



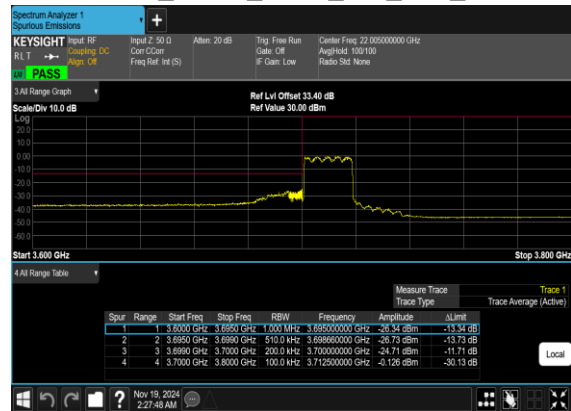
B5_N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N77(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

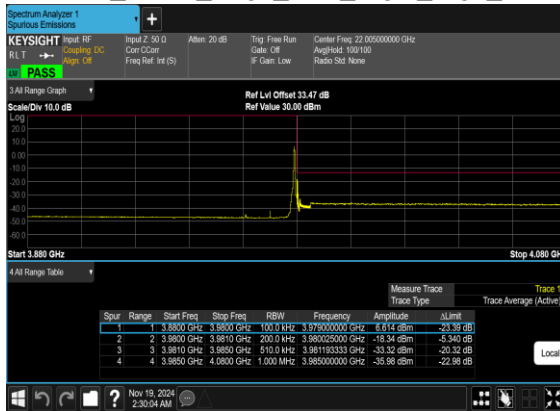


B5_N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

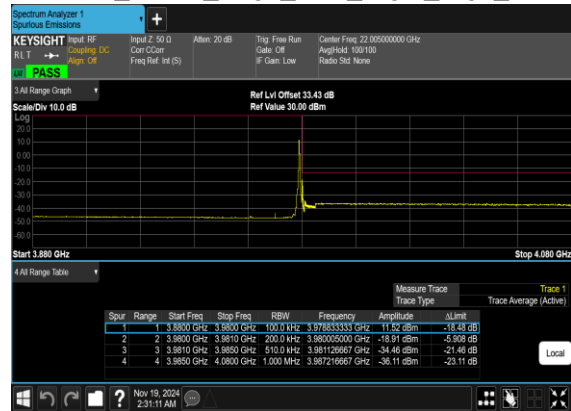




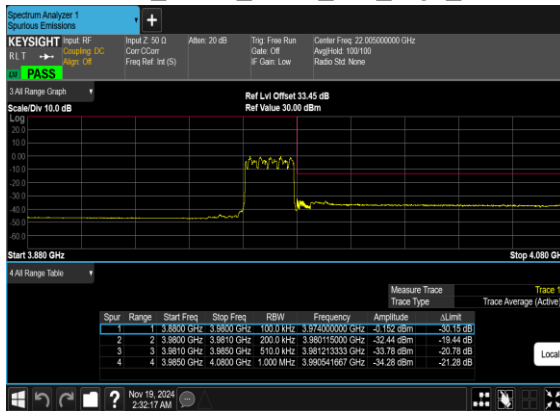
B5_N77(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



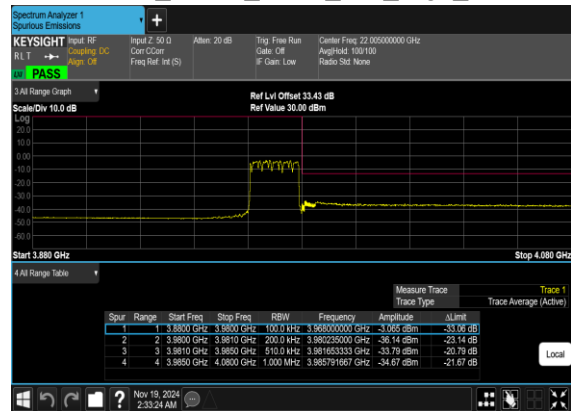
B5_N77(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N77(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

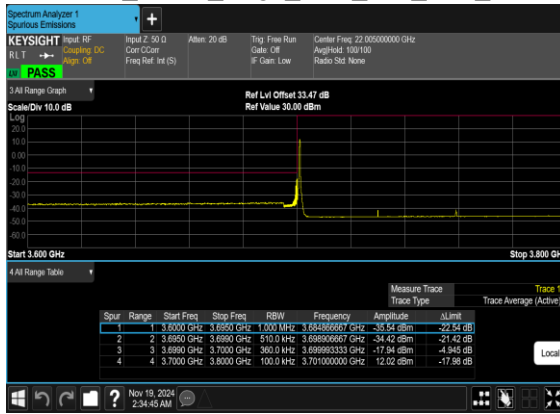


B5_N77(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

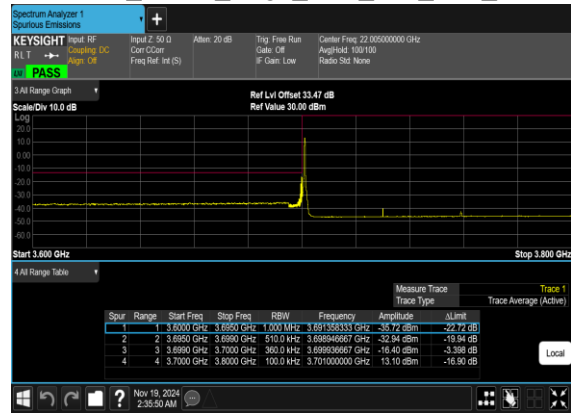




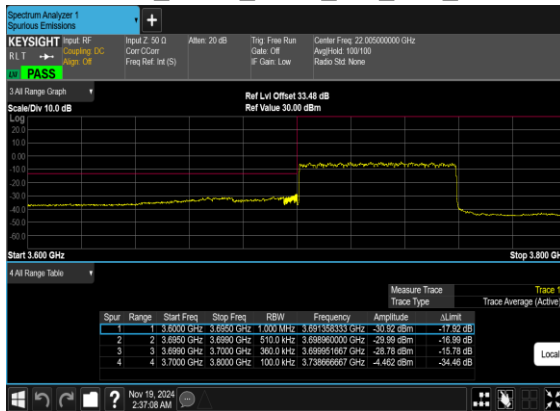
B5_N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



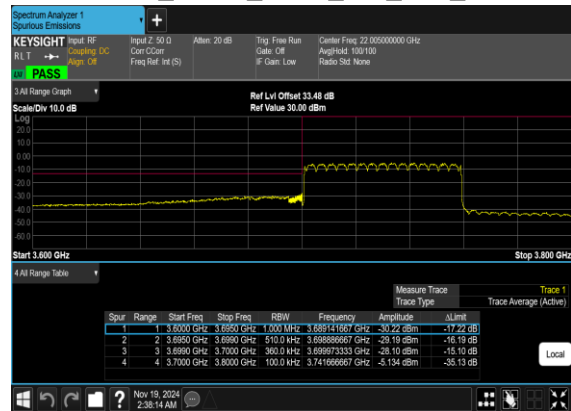
B5_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N77(60M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

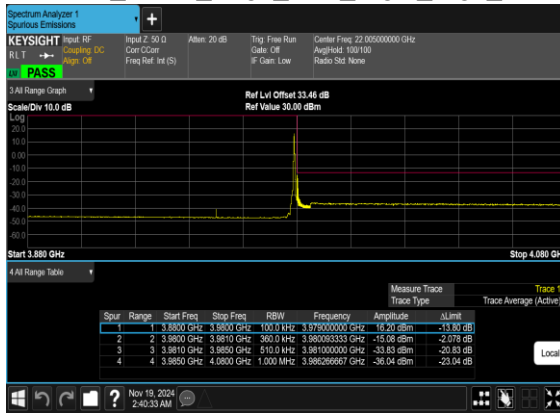


B5_N77(60M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

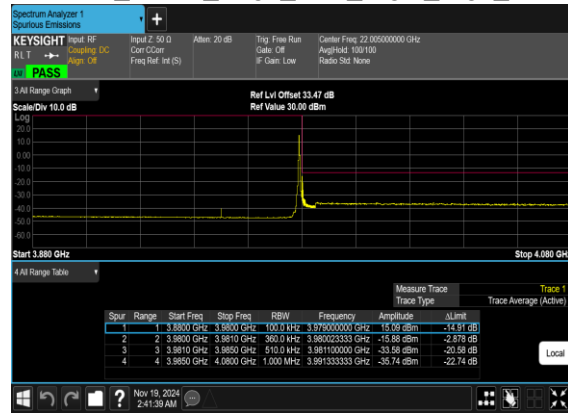




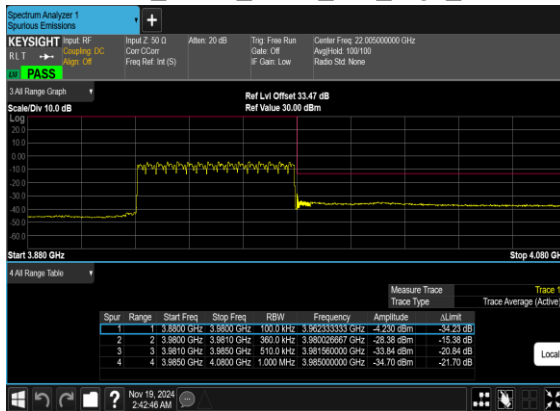
B5_N77(60M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



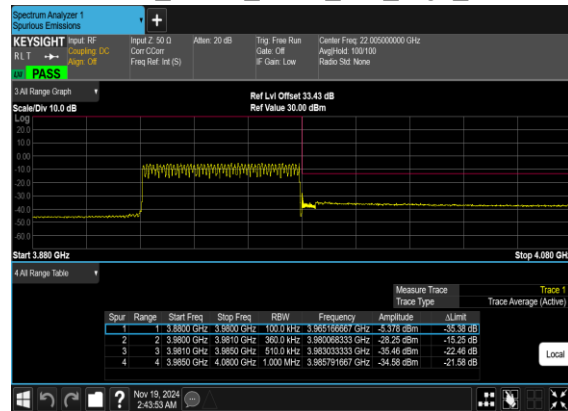
B5_N77(60M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N77(60M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

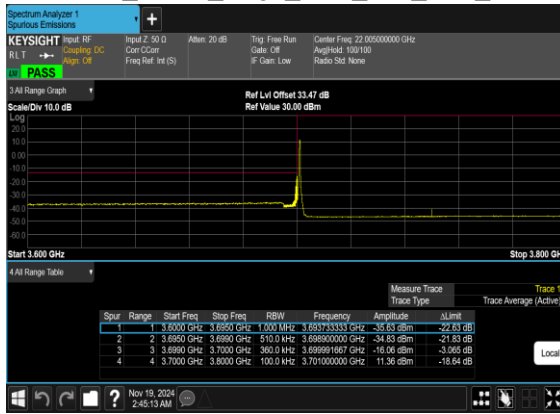


B5_N77(60M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

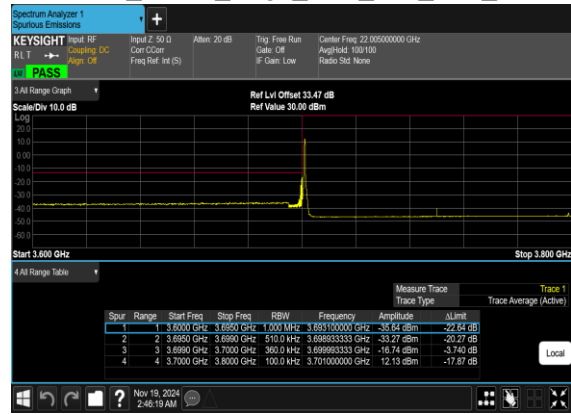




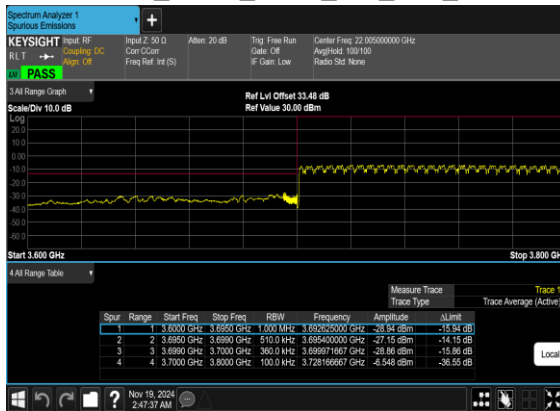
B5_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



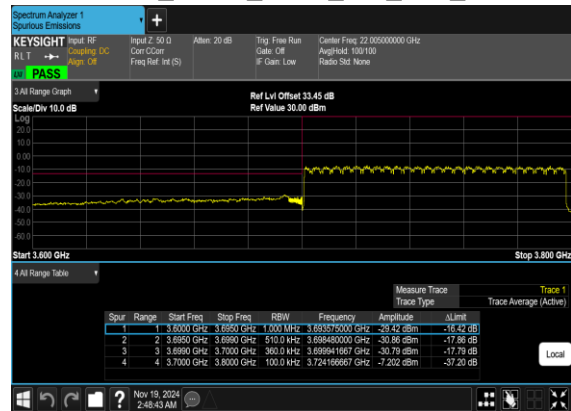
B5_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B5_N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

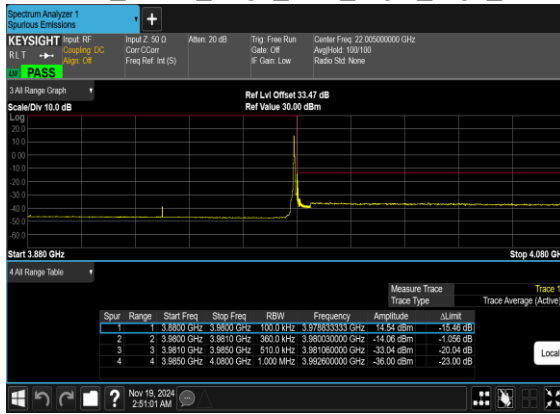


B5_N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

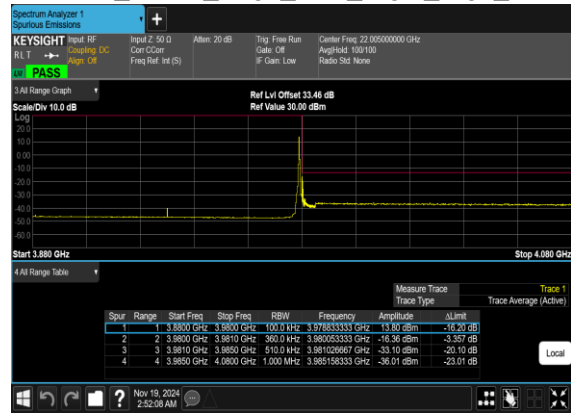




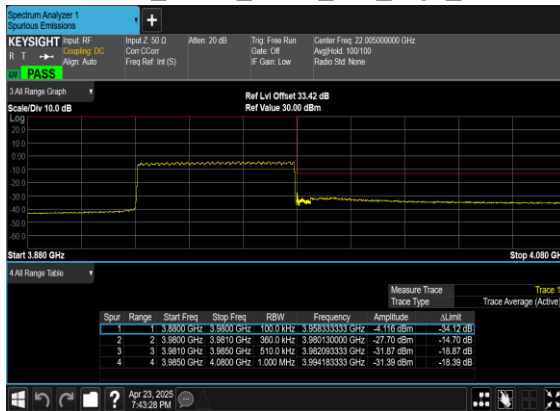
B5_N77(100M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



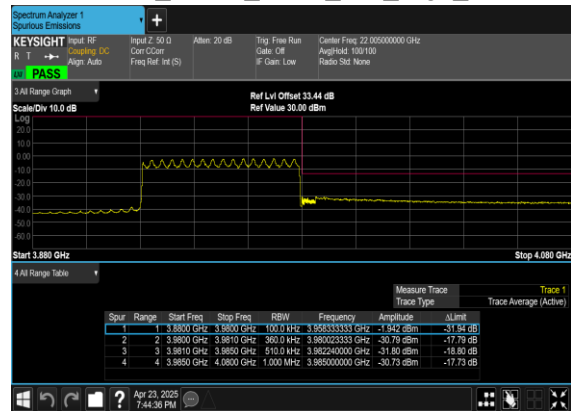
B5_N77(100M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B5_N77(100M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B5_N77(100M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N77 MIMO-Ant 3+Ant 7

Transmitter Conducted Output Power And EIRP, ($G_T - L_c$)= -2.97dBi

NR Band	SCS	BandWidth	Arfcn	Freq (MHz)	Modulation	RB	ANT3 Power(dBm)	ANT7 Power(dBm)	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
77	30	20	647334	3710.01	CP-OFDM QPSK	1@1	19.97	21.70	23.93	20.96	0.1248
77	30	20	647334	3710.01	CP-OFDM 16 QAM	1@1	19.44	20.98	23.29	20.32	0.1076
77	30	20	647334	3710.01	CP-OFDM 64 QAM	1@1	17.92	19.75	21.94	18.97	0.0789
77	30	20	656000	3840	CP-OFDM QPSK	1@1	21.15	21.47	24.32	21.35	0.1366
77	30	20	656000	3840	CP-OFDM 16 QAM	1@1	20.45	20.99	23.74	20.77	0.1194
77	30	20	656000	3840	CP-OFDM 64 QAM	1@1	19.21	19.48	22.36	19.39	0.0868
77	30	20	664666	3969.99	CP-OFDM QPSK	1@1	21.53	21.06	24.31	21.34	0.1362
77	30	20	664666	3969.99	CP-OFDM 16 QAM	1@1	20.86	20.40	23.65	20.68	0.1169
77	30	20	664666	3969.99	CP-OFDM 64 QAM	1@1	20.30	19.91	23.12	20.15	0.1035
77	30	30	647668	3715.02	CP-OFDM QPSK	1@1	20.04	21.81	24.02	21.05	0.1275
77	30	30	647668	3715.02	CP-OFDM 16 QAM	1@1	19.35	21.26	23.42	20.45	0.1109
77	30	30	647668	3715.02	CP-OFDM 64 QAM	1@1	18.05	19.78	22.01	19.04	0.0802
77	30	30	656000	3840	CP-OFDM QPSK	1@1	20.98	21.76	24.40	21.43	0.1389
77	30	30	656000	3840	CP-OFDM 16 QAM	1@1	20.52	21.11	23.84	20.87	0.1220
77	30	30	656000	3840	CP-OFDM 64 QAM	1@1	18.94	19.78	22.39	19.42	0.0875
77	30	30	664332	3964.98	CP-OFDM QPSK	1@1	21.36	21.27	24.33	21.36	0.1366
77	30	30	664332	3964.98	CP-OFDM 16 QAM	1@1	20.71	20.59	23.66	20.69	0.1172
77	30	30	664332	3964.98	CP-OFDM 64 QAM	1@1	19.75	20.19	22.99	20.02	0.1004
77	30	40	648000	3720	CP-OFDM QPSK	1@1	20.11	21.87	24.09	21.12	0.1294
77	30	40	648000	3720	CP-OFDM 16 QAM	1@1	19.53	21.32	23.53	20.56	0.1137
77	30	40	648000	3720	CP-OFDM 64 QAM	1@1	18.18	19.93	22.15	19.18	0.0828
77	30	40	656000	3840	CP-OFDM QPSK	1@1	21.49	21.74	24.63	21.66	0.1465
77	30	40	656000	3840	CP-OFDM 16 QAM	1@1	20.86	21.21	24.05	21.08	0.1282
77	30	40	656000	3840	CP-OFDM 64 QAM	1@1	19.48	19.78	22.64	19.67	0.0927
77	30	40	664000	3960	CP-OFDM QPSK	1@1	21.60	21.16	24.40	21.43	0.1389
77	30	40	664000	3960	CP-OFDM 16 QAM	1@1	21.00	20.37	23.71	20.74	0.1185
77	30	40	664000	3960	CP-OFDM 64 QAM	1@1	20.42	20.07	23.26	20.29	0.1069
77	30	60	648668	3730.02	CP-OFDM QPSK	1@1	19.85	21.63	23.84	20.87	0.1222
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@1	19.12	21.04	23.20	20.23	0.1053
77	30	60	648668	3730.02	CP-OFDM 64 QAM	1@1	17.88	19.53	21.79	18.82	0.0763
77	30	60	656000	3840	CP-OFDM QPSK	1@1	21.76	21.46	24.62	21.65	0.1463
77	30	60	656000	3840	CP-OFDM 16 QAM	1@1	21.09	20.98	24.05	21.08	0.1281
77	30	60	656000	3840	CP-OFDM 64 QAM	1@1	19.80	19.51	22.67	19.70	0.0933
77	30	60	663332	3949.98	CP-OFDM QPSK	1@1	21.53	22.10	24.83	21.86	0.1536



77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@1	20.78	21.60	24.22	21.25	0.1333
77	30	60	663332	3949.98	CP-OFDM 64 QAM	1@1	19.52	20.16	22.86	19.89	0.0975
77	30	80	649334	3740.01	CP-OFDM QPSK	1@1	19.78	21.38	23.66	20.69	0.1173
77	30	80	649334	3740.01	CP-OFDM 16 QAM	1@1	19.00	20.81	23.01	20.04	0.1009
77	30	80	649334	3740.01	CP-OFDM 64 QAM	1@1	17.76	19.38	21.66	18.69	0.0739
77	30	80	656000	3840	CP-OFDM QPSK	1@1	20.50	21.14	23.84	20.87	0.1222
77	30	80	656000	3840	CP-OFDM 16 QAM	1@1	19.81	20.56	23.21	20.24	0.1057
77	30	80	656000	3840	CP-OFDM 64 QAM	1@1	18.55	19.20	21.90	18.93	0.0781
77	30	80	662666	3939.99	CP-OFDM QPSK	1@1	22.20	21.74	24.99	22.02	0.1591
77	30	80	662666	3939.99	CP-OFDM 16 QAM	1@1	21.45	21.20	24.34	21.37	0.1370
77	30	80	662666	3939.99	CP-OFDM 64 QAM	1@1	20.24	19.76	23.02	20.05	0.1011
77	30	100	650000	3750	CP-OFDM QPSK	137@68	22.74	21.24	25.06	22.09	0.1620
77	30	100	650000	3750	CP-OFDM QPSK	1@1	22.04	21.41	24.75	21.78	0.1505
77	30	100	650000	3750	CP-OFDM QPSK	1@271	22.58	20.86	24.81	21.84	0.1529
77	30	100	650000	3750	CP-OFDM 16 QAM	137@68	22.35	20.71	24.62	21.65	0.1461
77	30	100	650000	3750	CP-OFDM 16 QAM	1@1	21.44	20.68	24.09	21.12	0.1293
77	30	100	650000	3750	CP-OFDM 16 QAM	1@271	22.03	20.26	24.24	21.27	0.1341
77	30	100	650000	3750	CP-OFDM 64 QAM	137@68	20.81	19.27	23.12	20.15	0.1035
77	30	100	650000	3750	CP-OFDM 64 QAM	1@1	20.02	19.50	22.78	19.81	0.0957
77	30	100	650000	3750	CP-OFDM 64 QAM	1@271	20.44	18.91	22.75	19.78	0.0951
77	30	100	650000	3750	CP-OFDM 256 QAM	137@68	17.91	16.24	20.17	17.20	0.0524
77	30	100	650000	3750	CP-OFDM 256 QAM	1@1	17.17	16.32	19.78	16.81	0.0479
77	30	100	650000	3750	CP-OFDM 256 QAM	1@271	17.65	15.88	19.86	16.89	0.0489
77	30	100	656000	3840	CP-OFDM QPSK	137@68	21.30	21.50	24.41	21.44	0.1394
77	30	100	656000	3840	CP-OFDM QPSK	1@1	20.20	21.33	23.81	20.84	0.1214
77	30	100	656000	3840	CP-OFDM QPSK	1@271	21.15	21.60	24.39	21.42	0.1387
77	30	100	656000	3840	CP-OFDM 16 QAM	137@68	20.84	20.99	23.93	20.96	0.1246
77	30	100	656000	3840	CP-OFDM 16 QAM	1@1	19.57	20.61	23.13	20.16	0.1038
77	30	100	656000	3840	CP-OFDM 16 QAM	1@271	20.44	20.83	23.65	20.68	0.1169
77	30	100	656000	3840	CP-OFDM 64 QAM	137@68	19.35	19.49	22.43	19.46	0.0883
77	30	100	656000	3840	CP-OFDM 64 QAM	1@1	18.12	19.37	21.80	18.83	0.0764
77	30	100	656000	3840	CP-OFDM 64 QAM	1@271	18.98	19.58	22.30	19.33	0.0857
77	30	100	656000	3840	CP-OFDM 256 QAM	137@68	16.37	16.55	19.47	16.50	0.0447
77	30	100	656000	3840	CP-OFDM 256 QAM	1@1	15.13	16.41	18.83	15.86	0.0385
77	30	100	656000	3840	CP-OFDM 256 QAM	1@271	16.01	16.71	19.38	16.41	0.0438
77	30	100	662000	3930	CP-OFDM QPSK	137@68	22.08	22.01	25.06	22.09	0.1616
77	30	100	662000	3930	CP-OFDM QPSK	1@1	21.53	21.89	24.72	21.75	0.1498
77	30	100	662000	3930	CP-OFDM QPSK	1@271	22.34	21.99	25.18	22.21	0.1663
77	30	100	662000	3930	CP-OFDM 16 QAM	137@68	21.65	21.53	24.60	21.63	0.1456
77	30	100	662000	3930	CP-OFDM 16 QAM	1@1	20.88	21.24	24.07	21.10	0.1289
77	30	100	662000	3930	CP-OFDM 16 QAM	1@271	21.80	21.28	24.56	21.59	0.1441



77	30	100	662000	3930	CP-OFDM 64 QAM	137@68	20.17	20.12	23.16	20.19	0.1044
77	30	100	662000	3930	CP-OFDM 64 QAM	1@1	19.39	19.93	22.68	19.71	0.0935
77	30	100	662000	3930	CP-OFDM 64 QAM	1@271	20.40	20.03	23.23	20.26	0.1062
77	30	100	662000	3930	CP-OFDM 256 QAM	137@68	20.13	20.04	23.10	20.13	0.1029
77	30	100	662000	3930	CP-OFDM 256 QAM	1@1	16.38	16.99	19.71	16.74	0.0472
77	30	100	662000	3930	CP-OFDM 256 QAM	1@271	17.40	17.07	20.25	17.28	0.0534



FR1 N77 MIMO-Ant 3

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0028	PASS	NV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0014	PASS	LV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.0036	PASS	HV
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0018	PASS	-30℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.0022	PASS	-20℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0052	PASS	-10℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.0067	PASS	0℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0027	PASS	10℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0034	PASS	20℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0042	PASS	30℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	-0.0028	PASS	40℃
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	0.0019	PASS	50℃

**Peak to Average Ratio**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	7.05	13	PASS
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	7.85	13	PASS
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	7.17	13	PASS
77	30	20	656000	3840.0	CP-OFDM 16 QAM	1@0	8.15	13	PASS



N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH

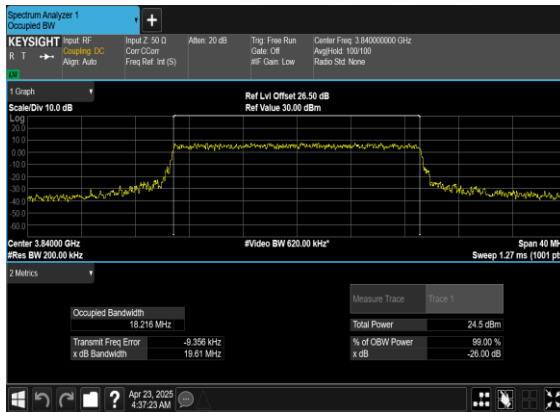


**Occupied Bandwidth**

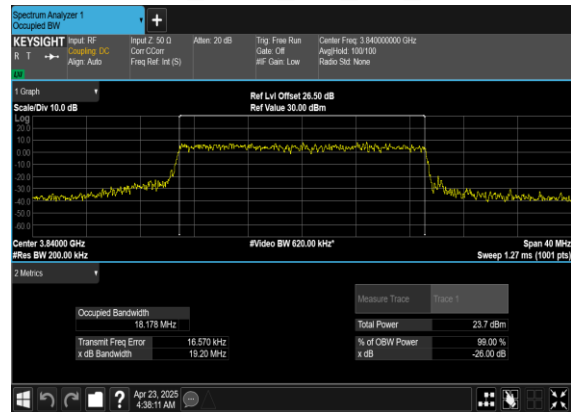
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
77	30	20	656000	3840.0	CP-OFDM QPSK	51@0	18.216	19.61
77	30	20	656000	3840.0	CP-OFDM 16 QAM	51@0	18.178	19.2
77	30	20	656000	3840.0	CP-OFDM 64 QAM	51@0	18.221	18.83
77	30	20	656000	3840.0	CP-OFDM 256 QAM	51@0	18.276	19.32
77	30	30	656000	3840.0	CP-OFDM QPSK	78@0	27.826	29.14
77	30	30	656000	3840.0	CP-OFDM 16 QAM	78@0	27.949	28.84
77	30	30	656000	3840.0	CP-OFDM 64 QAM	78@0	27.839	28.96
77	30	30	656000	3840.0	CP-OFDM 256 QAM	78@0	27.74	28.91
77	30	40	656000	3840.0	CP-OFDM QPSK	106@0	37.866	39.47
77	30	40	656000	3840.0	CP-OFDM 16 QAM	106@0	37.824	39.64
77	30	40	656000	3840.0	CP-OFDM 64 QAM	106@0	37.748	39.49
77	30	40	656000	3840.0	CP-OFDM 256 QAM	106@0	37.821	39.52
77	30	60	656000	3840.0	CP-OFDM QPSK	162@0	57.654	59.76
77	30	60	656000	3840.0	CP-OFDM 16 QAM	162@0	57.808	59.74
77	30	60	656000	3840.0	CP-OFDM 64 QAM	162@0	57.847	59.75
77	30	60	656000	3840.0	CP-OFDM 256 QAM	162@0	57.877	59.71
77	30	80	656000	3840.0	CP-OFDM QPSK	217@0	77.56	80.0
77	30	80	656000	3840.0	CP-OFDM 16 QAM	217@0	77.466	79.94
77	30	80	656000	3840.0	CP-OFDM 64 QAM	217@0	77.489	79.96
77	30	80	656000	3840.0	CP-OFDM 256 QAM	217@0	77.42	79.93
77	30	100	656000	3840.0	CP-OFDM QPSK	273@0	97.563	100.5
77	30	100	656000	3840.0	CP-OFDM 16 QAM	273@0	97.376	100.7
77	30	100	656000	3840.0	CP-OFDM 64 QAM	273@0	97.395	100.5
77	30	100	656000	3840.0	CP-OFDM 256 QAM	273@0	97.326	100.4



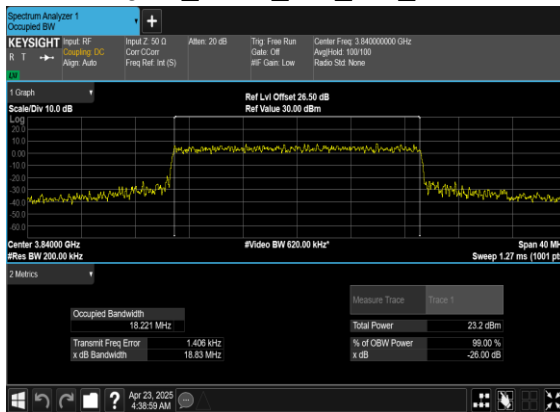
N77(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



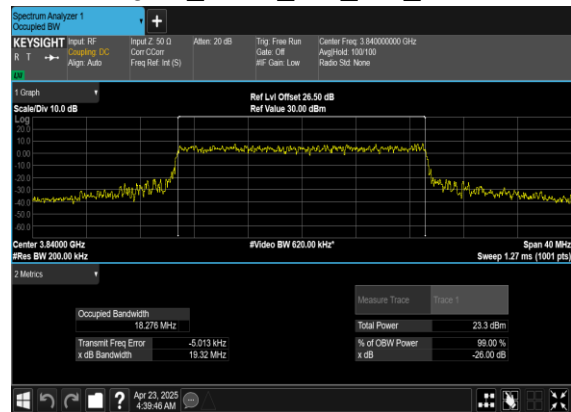
N77(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

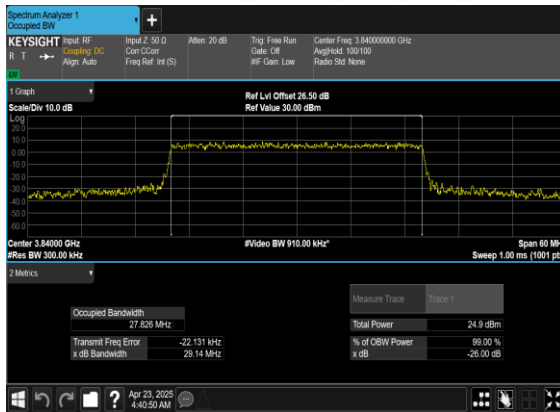


N77(20M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

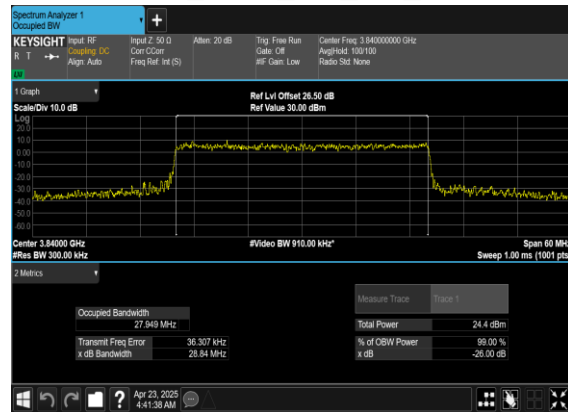




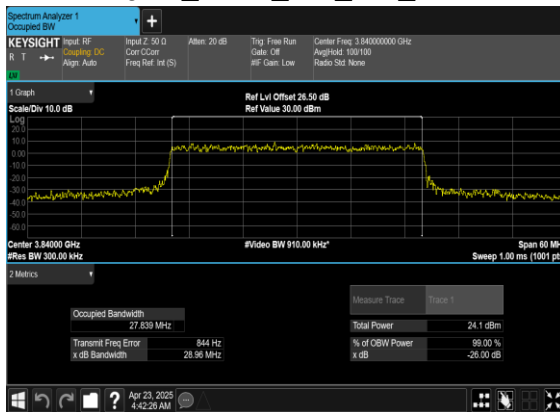
N77(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



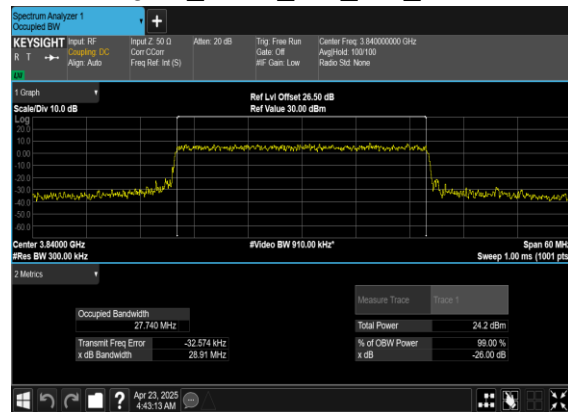
N77(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

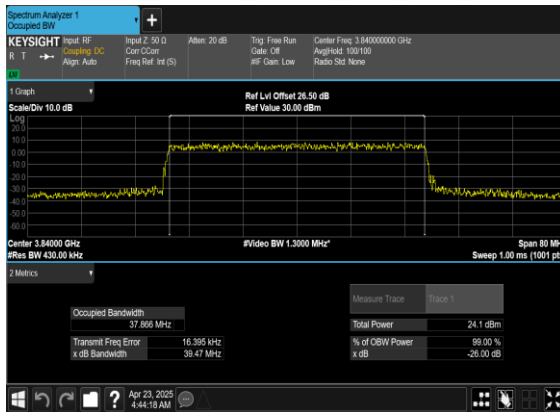


N77(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

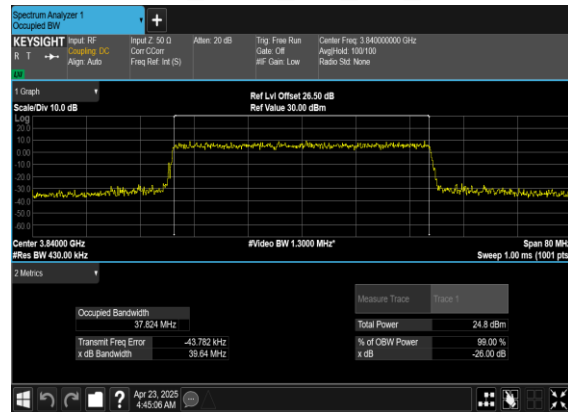




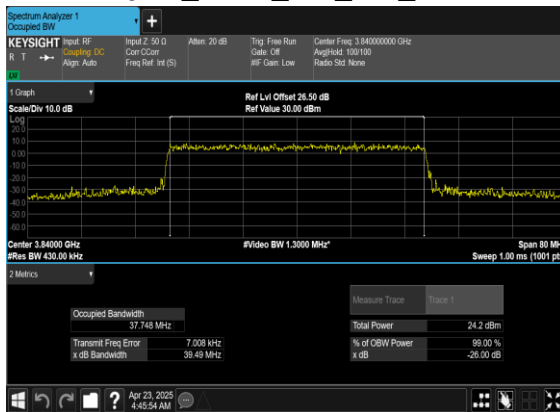
N77(40M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



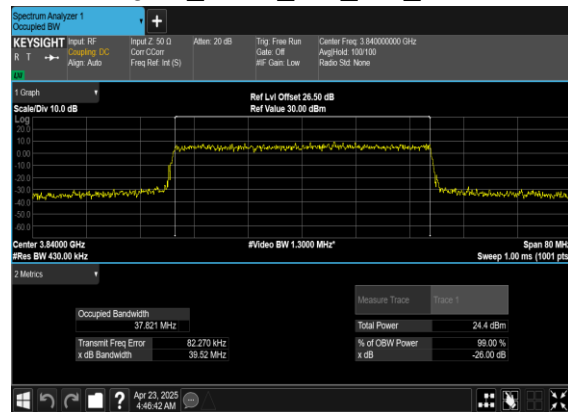
N77(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

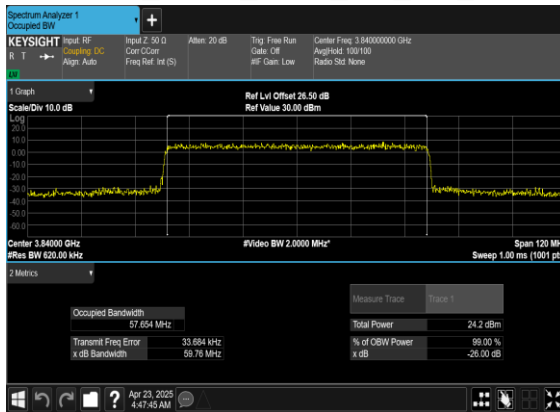


N77(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

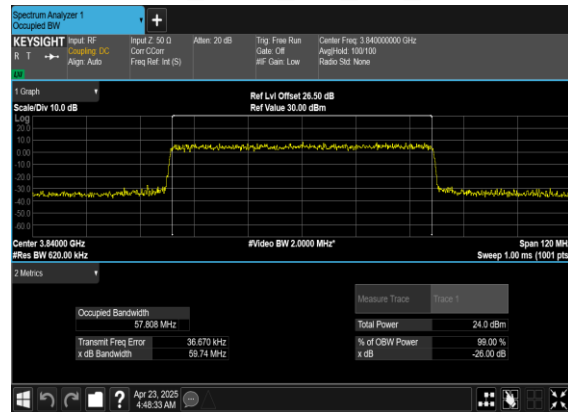




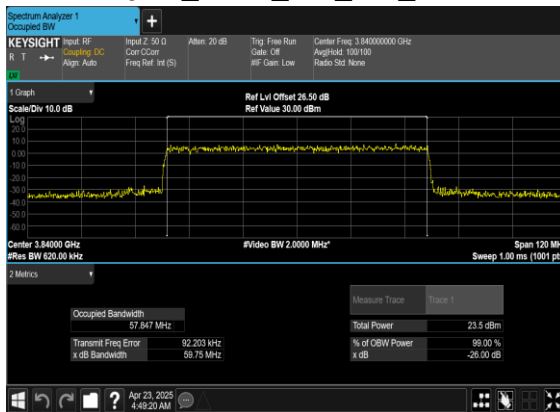
N77(60M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



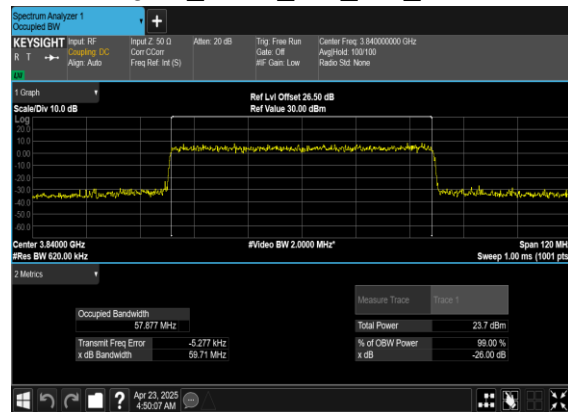
N77(60M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(60M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

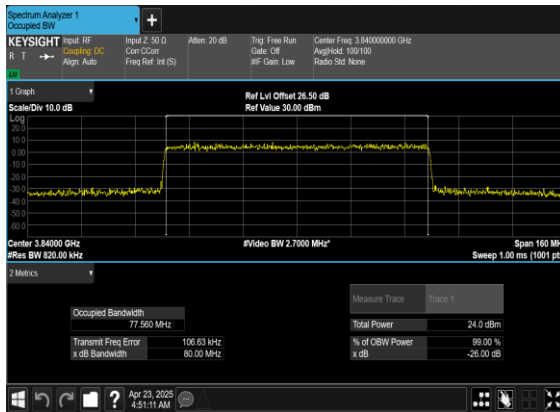


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QAM_Outer_Full_Mid_CH

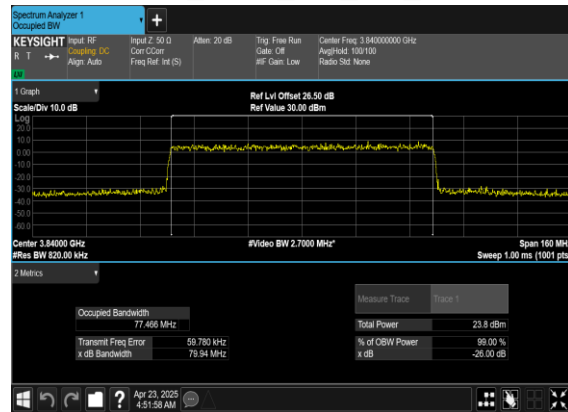




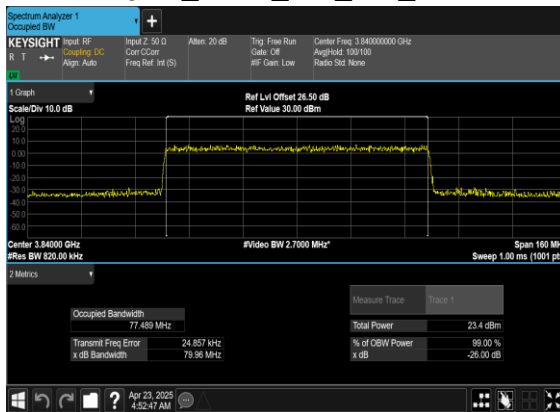
N77(80M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



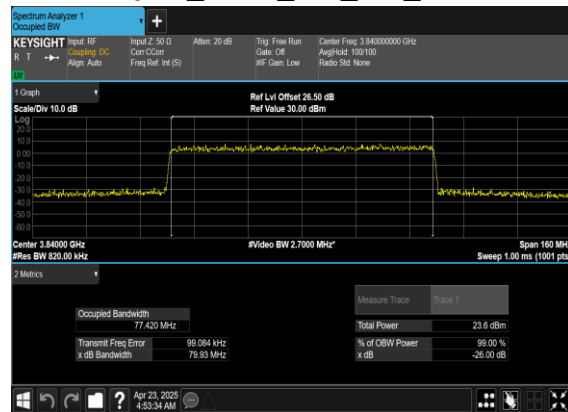
N77(80M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N77(80M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

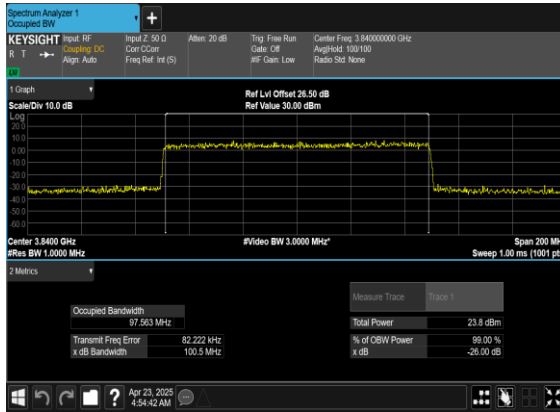


N77(80M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

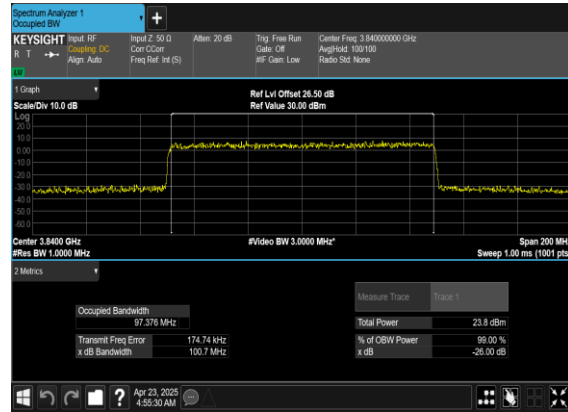




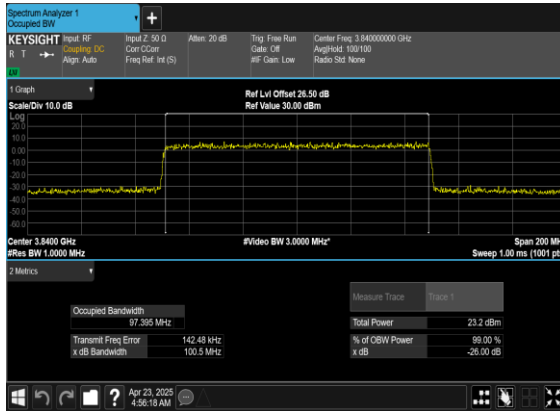
N77(100M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



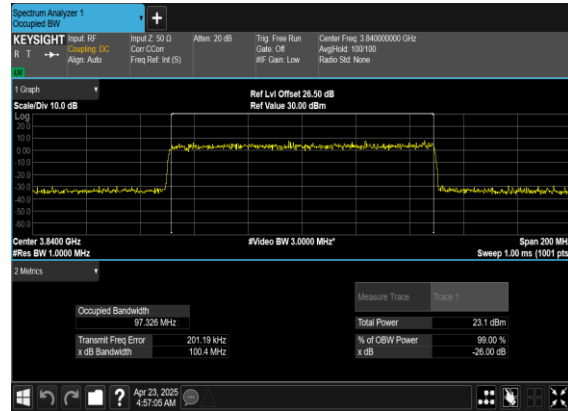
N77(100M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



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	CP-OFDM QPSK	1@0	see graph	---
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	647334	3710.01	CP-OFDM 16 QAM	1@0	see graph	---
77	30	20	647334	3710.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	20	647334	3710.01	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	20	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	20	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	20	664666	3969.99	CP-OFDM QPSK	1@0	see graph	---
77	30	20	664666	3969.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	CP-OFDM QPSK	1@0	see graph	PASS
77	30	20	664666	3969.99	CP-OFDM 16 QAM	1@0	see graph	---
77	30	20	664666	3969.99	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	20	664666	3969.99	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	---
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	PASS



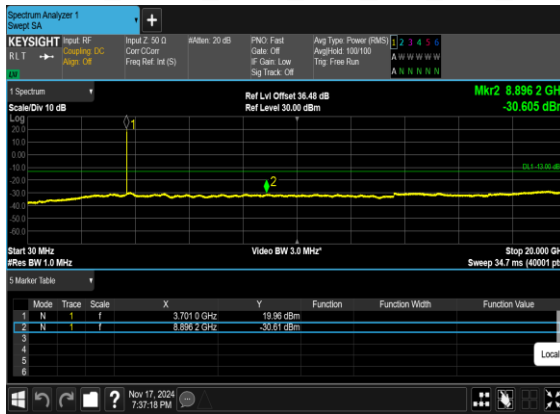
77	30	60	648668	3730.02	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@0	see graph	---
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	648668	3730.02	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---
77	30	60	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	60	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM QPSK	1@0	see graph	---
77	30	60	663332	3949.98	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM QPSK	1@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@0	see graph	---
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	60	663332	3949.98	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	---
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	100	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	650000	3750.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	---



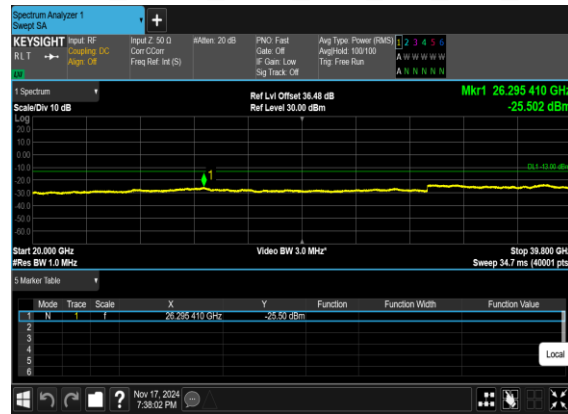
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	100	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	656000	3840.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	---
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM QPSK	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM 16 QAM	1@0	see graph	---
77	30	100	662000	3930.0	CP-OFDM 16 QAM	1@0	see graph	PASS
77	30	100	662000	3930.0	CP-OFDM 16 QAM	1@0	see graph	PASS



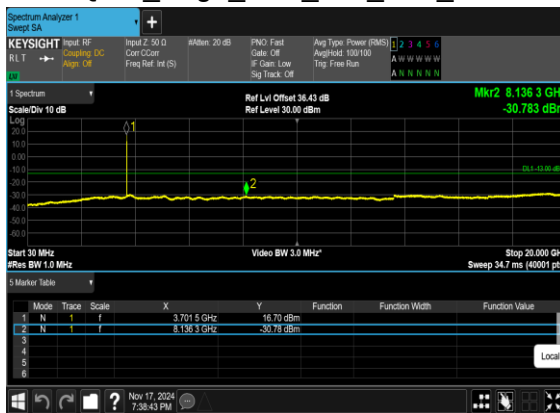
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



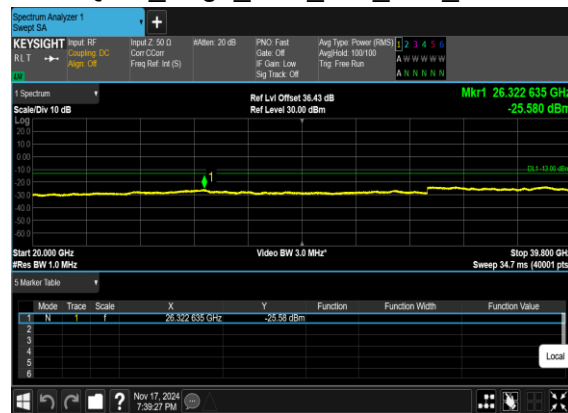
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH

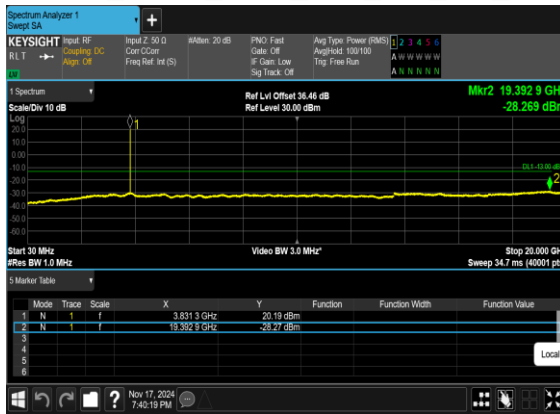


N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Low_CH

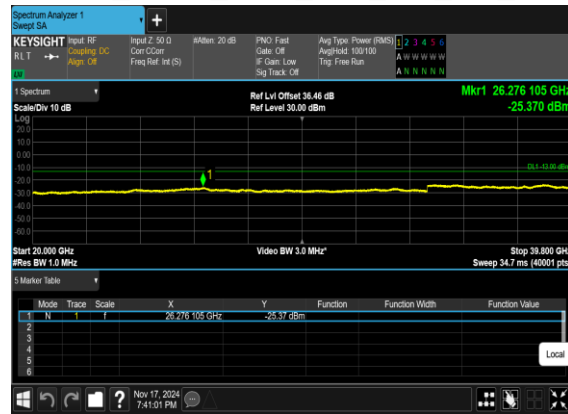




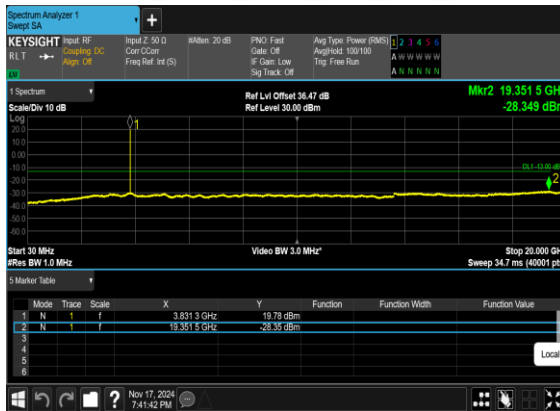
N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH



N77(20M)_CP-OFDM_16
QAM_Edge_1RB_Left_Mid_CH

